



Metalux lighting solutions are designed to suit even the most discerning taste. Metalux offers an extensive line of fluorescent and LED lighting products including parabolics, lensed, recessed, surface, strip and industrial fixtures.

Metalux



Heavy-gauge steel construction, durable finishes and high-quality electrical assemblies ensure years of performance integrity for commercial, educational, retail and healthcare settings. Metalux also offers an energy-efficient residential line available in an array of styles and sizes for general, cove, task and undercabinet needs.

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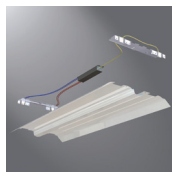
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SEE PAGE 7-113 FOR NEW PRODUCTS.

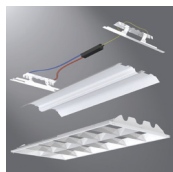
RETROFIT



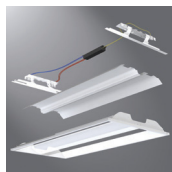
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SEE PAGE 7-113 FOR NEW PRODUCTS.

COMMERCIAL SPECIFICATION LED TROFFER



FEATURES

- Available in 1' x 4', 2' x 2' and 2' x 4' recessed versions
- Advanced optical control
- High performance efficacy up to 109 lumens per watt
- Over 45% energy savings when compared to fluorescent troffers
- Three CCT options: 3000K, 3500K and 4000K at 85 CRI
- Four stocked lumen packages offered along with multiple MTO options
- Standard 0-10V continuous dimming driver
- L70 at 50,000 hours
- Shallow depth housing (3.25") with tool-less driver access from below

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

ACCORD LED SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, NOM Certified, IC Rated, LM79 and/or LM80 Tested, City of Chicago Approved



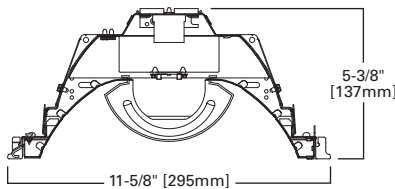
ORDERING INFORMATION

SAMPLE NUMBER: 24AC-LD3-55-UNV-L835-CD1-U

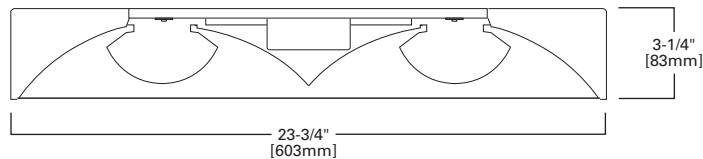
| Rating | Series | Type | Lamp Type | LED Lumens Output | | |
|---|--|--|-------------|---|--|--|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | 22AC=Accord Series (2' x 2') 22ACS=Accord Surface Series (2' x 2') ¹ 24AC=Accord Series (2' x 4') 24ACS=Accord Surface Series (2' x 4') ¹ AC=Accord Series (1' x 4') | [Blank]=Standard A=Air (Vented) ² | LD3=LED 3.0 | 1' x 4' MTO 19=1900 Lumens ³ 25=2500 Lumens ³ 29=2900 Lumens 35=3500 Lumens 39=3900 Lumens | 2' x 2' Stock 23=2300 Lumens ³ 34=3400 Lumens MTO 18=1800 Lumens ³ 27=2700 Lumens 38=3800 Lumens | 2' x 4' Stock 48=4800 Lumens 55=5500 Lumens MTO 31=3100 Lumens 36=3600 Lumens 39=3900 Lumens 63=6300 Lumens 68=6800 Lumens 73=7300 Lumens |
| Shielding | Voltage ⁴ | Options ⁵ | | CCT | Options | |
| [Blank]=Frosted Acrylic (Standard) RDP=Lens with Round Pattern Insert SQP=Lens with Square Pattern Insert | UNV=Universal Voltage 120-277 | Emergency EL=Emergency Installed, 700 Lumens EL14=Emergency Installed, 1400 Lumens | | L830=3000K L835=3500K L840=4000K | Flex Flex=Multiple Configurations Available | |
| Driver Type | Number of Drivers | Packaging | | Accessories (Order Separately) | | |
| CD=0-10V Dimming Driver (Standard) 5LTD=Fifth Light (DALI) Driver ⁶ | 1=1 Driver | PALC=Job Pack, in Carton U=Unit Pack | | EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁷ T3A END E.Q. BRACKET PARTS BAG=Earthquake Brackets DF-14-W=1' x 4' Drywall Frame Kit DF-22-W=2' x 2' Drywall Frame Kit DF-24-W=2' x 4' Drywall Frame Kit | | |

NOTES: 1. Surface mount Accord is not designed for continuous row mount applications. 2. Must specify voltage (120V or 277V) when selecting Air option. Air versions are not designed for continuous row mount applications. 3. Not available with a Fifth Light (DALI) driver. 4. Products also available in non-US voltage and frequencies for international markets. 5. Must specify voltage (120V or 277V) when selecting EL option. 6. For a complete listing of Fifth Light Technology products and other solutions from Cooper Controls, visit www.coopercontrol.com. 7. An EQ Grid Clip is recommended for all 9/16" ceiling systems.

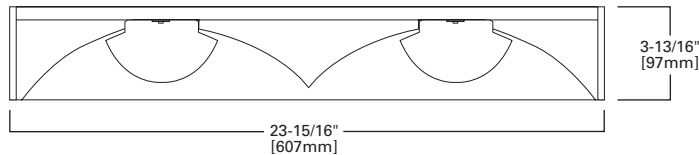
1' x 4' RECESSED



2' x 2', 2' x 4' RECESSED



2' x 2' SURFACE



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Improved visual perception and increased comfort levels
- Attractive contemporary design
- Significant energy savings
- T5 or T8 lamps
- Shallow depth and structural integrity for quick installation
- Remove refractor for simple lamp maintenance
- Ballast can be removed from below without tools
- Dark spots associated with parabolics eliminated

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, IC Rated, City of Chicago Approved



AC ACCORD SERIES

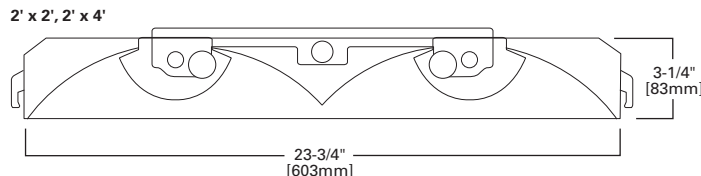
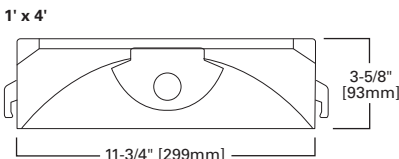


ORDERING INFORMATION

SAMPLE NUMBER: 2AC-232-UNV-EB82-U

| Rating | Width | Series | Type | Number of Lamps (Not Included) ⁵ | Wattage (Length) | Shielding | Voltage ⁶ |
|---|---|--|---|--|---|---|---|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width ^{1,2} | AC=Accord Series | A=Air (Optional) ³ IC=IC Rated ⁴ | 1=1 Lamp 2=2 Lamps | 14T5=14W T5 (24") 17=17WT8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO Lamps (48") BX40=40W Compact Fluorescent (24") | [Blank]=Frosted Acrylic (Standard) RDP=Lens with Round Pattern Insert SQP=Lens with Square Pattern Insert | 024V=24 Volt DC ⁷ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ^{8,9} |
| Options | | | | Lamps | | | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) ⁹ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse LVDC10=Low Voltage 10 Foot DC Connector and Cable Assembly LVDC5=Low Voltage 5 Foot DC Connector and Cable Assembly | | | | L5835=T5 Lamp, 3500K L5835HL=T5 Lamp, 28W, 3500K, 2900 Lumens L5841=T5 Lamp, 4100K L5841HL=T5 Lamp, 28W, 4100K, 2900 Lumens | | L8835=T8 Lamp, 17W and 32W, 3500 K L8835HL=T8 Lamp, 32W, 3500K, 3100 Lumens L8841=T8 Lamp, 17W and 32W, 4100K L8841HL=T8 Lamp, 32W, 4100K, 3100 Lumens | |
| Ballast Type | | | | | | | |
| Biax Ballasts EB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. | | | | Ballast Factor/Type (For 24VDC Only) DC5_Dim=T5 24VDC Dimming 0-10V, Ballast Factor=1.0 ¹² DC8_DIM=T8 24VDC Dimming = 0-10V, Ballast Factor=0.75 ¹³ | | | |
| T5 Ballasts EB_T_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 | | | | T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10% EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% | | | |
| Ballast/Factor Type (T5) EB_T_H_=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ^{14,15} EB_T_HDIM_=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ^{16,17} EB_T_N_=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹⁵ EB_T_NDIM_=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ^{18,16,17} | | | | High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | |
| Ballast Factor/Type (For 14W T5 Lamp Only) [Blank]=Standard H=High Light Output 1.15 BF ¹⁰ HDIM=High 1.15 BF Step Dimming ¹⁰ N=Normal Light Output .95 BF ¹¹ | | | | | | | |
| Number of Ballasts | Packaging | Accessories (Order Separately) ^{19,20} | | | | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | PALC=Job Pack, in Carton U=Unit Pack | T3A END E.Q. BRACKET PARTS BAG=Earthquake Brackets | | | | | |

NOTES: 1. 1' x 4' Accord is not designed for continuous row mount applications. 2. IC Rated option not available. 3. Air option is not available with 1' x 4'. 4. IC version is only available in T5 lamp fixtures. 5. Stem Mounting not available on 3-lamp fixtures. 6. Products also available in non-US voltage and frequencies for international markets. 7. 24VDC version is EMerge Alliance® Registered (available in 2 lamp version only). 8. Not available when specifying emergencies, voltage must be specified. 9. See options section. 10. Step Dimming ballast available for 2 or 3 14WT5 lamps only. 11. .95 ballast factor available for 14WT5 lamps only. 12. For Emerge 2' x 2' T5HO = one lamp ballast only. 13. For Emerge 2' x 4' T8 1.0 Ballast Factor, two ballast must be ordered. 14. 1-Lamp ballast in a High Ballast factor not available. 15. .90 ballast factor available for 2 or 3 28W T5 lamps only. 16. Step Dimming ballast available for 2 or 3 28W T5 lamps only. 17. Step dimming ballast available for 2 or 3 lamp 14WT5 lamps only. 18. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 19. For complete product data, reference the Fluorescent Specification binder. Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information. 20. Specifications and dimensions subject to change without notice.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

SURFACE MOUNT COMMERCIAL SPECIFICATION T5 TROFFER



FEATURES

- Surface mount units designed for non-grid ceiling systems
- Low-profile housing is formed from cold rolled steel
- Class P ballasts are positively secured to housing
- Baked matte-white, polyester powder-enamel finish
- High-reflectant and luminous uniform reflector
- 2" wiring access hole for centered junction box
- Positively retained frosted acrylic profile lenses; three options
- Ballast can be removed from below without tools
- Backplate provided with knockouts and mounting holes for surface mount

DIMENSIONS

2' x 2', 2' x 4'

2ACS ACCORD SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified

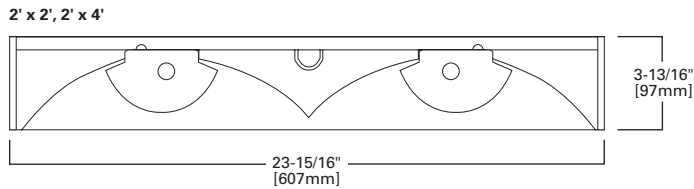


ORDERING INFORMATION

SAMPLE NUMBER: 2ACS-228T5-UNV-L5841-EBT1-U

| Width | Series | Type | Number of Lamps (Not Included) | Wattage (Length) | Shielding | Voltage ² |
|--|------------------|--|--|--|---|-------------------------------|
| 2=2' Width | AC=Accord Series | S=Surface Mount ¹ | 2=2 Lamp | 14T5=14W T5 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 54T5=54W T5HO (48") | [Blank]=Frosted Acrylic (Standard) RDP=Lens with Round Pattern Insert SQP=Lens with Square Pattern Insert | UNV=Universal Voltage 120-277 |
| Options | | Lamps | Ballast Type | | | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse | | L5835=T5 Lamp, 3500K L5835HL=T5 Lamp, 28W, 3500K, 2900 Lumens L5841=T5 Lamp, 4100K L5841HL=T5 Lamp, 28W, 4100K, 2900 Lumens | T5 Ballasts EBT=T5 of T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ³ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ^{4,5} EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ^{6,7} EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ⁸ | | | |
| Number of Ballasts | | Packaging | | | | |
| 1=1 Ballast 2=2 Ballasts | | PALC=Job Pack, in Carton U=Unit Pack | | | | |

NOTES: 1. Surface mount Accord is not designed for continuous row mount applications. 2. Products also available in non-US voltage and frequencies for international markets. 3. 1-Lamp ballast in a High Ballast factor not available. 4. Step Dimming ballast available for 2 or 3 14WT5 lamps only. 5. Step Dimming ballast available for 2 or 3 28W T5 lamps only. 6. .90 ballast factor available for 2 or 3 28W T5 lamps only. 7. .90 ballast factor available for 2 or 3 14W T5 lamps only. 8. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Attractive contemporary design
- T5 or T8 lamps
- Increases comfort levels while providing energy savings
- White or semi-specular baffle
- Shallow depth and tool-less design for quick installation
- Hinged and latched door frame for simple lamp maintenance
- Knockouts for continuous row mounting
- Large access plate for supply connection

DIMENSIONS

2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, ARRA Compliant



AC2 ACCORD II SERIES



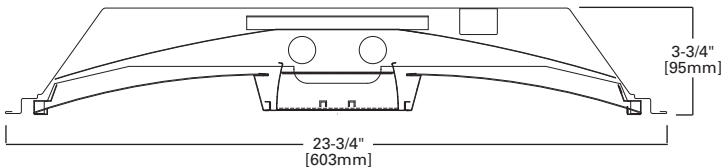
ORDERING INFORMATION

SAMPLE NUMBER: 2AC2-228T5BI-UNV-EBT1-U

| Width | Series | Number of Lamps (Not Included) | Wattage (Length) | Shielding | Voltage ¹ |
|--|----------------------|--|--|--|---|
| 2=2' Width | AC2=Accord II Series | 2=2 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO (48") | BI=Frosted Lens and Semi-Specular Baffle BP=Frosted Lens and White Baffle | UNV=Universal Voltage 120-277 |
| Options | | Ballast Type | | Number of Ballasts | Packaging |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | | T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast Factor/Type (For 14W and 28W T5 Lamp Only) H=High Light Output 1.15 BF ² HDIM=High 1.15 BF Step Dimming ³ N=Normal Light Output .95 BF ³ NDIM=Normal .9 BF Step Dimming ⁴ T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10% EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% | | 1=1 Ballast 2=2 Ballasts | PALC=Job Pack, in Carton U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Step Dimming ballast available for 28WT5 lamps only. 3. Available for 2 or 3 T5 lamps only. 4. 1 Lamp step dimming ballast in normal ballast factor not available. 2-lamp ballast will not operate 1 lamp.

2' x 2', 2' x 4'



COMMERCIAL SPECIFICATION T5 OR T8 TROFFER



FEATURES

- Full array of lamp (T5/T5HO, T8, Biax) and ballast options
- Attractive contemporary design
- Clean modern detailing with uniformly illuminated center panel
- Shallow depth (3-1/4") and structural integrity for ease of install
- Significant energy savings
- Improved visual perception and increased comfort levels
- Even light distribution with optimal uniformity
- One piece enclosure, hinged door and tool-less design

DIMENSIONS

1' x 1', 1' x 4', 2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, IC Rated, City of Chicago Approved

ARCLINE SERIES

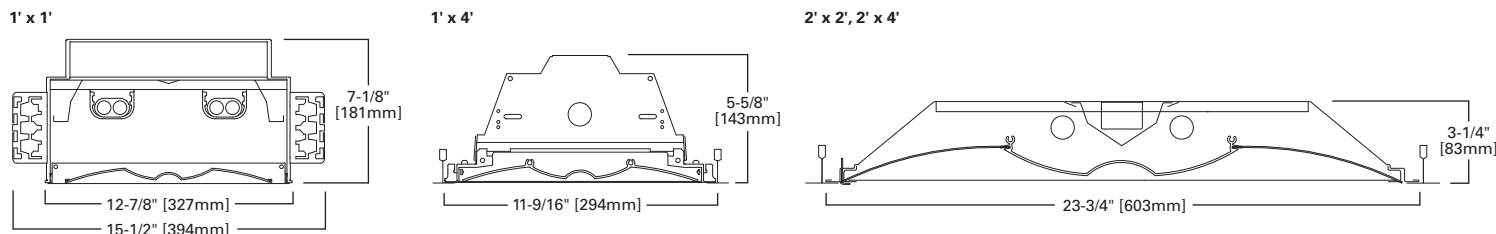


ORDERING INFORMATION

SAMPLE NUMBER: 2ALNG-224T5-UNV-EBT1-U

| Rating | Width | Series | Trim Type ¹ | Door Frame Standard | Number of Lamps | Wattage (Length) |
|---|---|---|---|--|---|---|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | ALN=ArcLine Series | F=Aluminum Flange G=Grid/Lay-in - Standard ¹³ G=Concealed-T/Slot Grid | [Blank]=Flat White Steel Door | 1=1 Lamp (Not Included) ² 2=2 Lamps (Not Included) | 14T5=14W T5 (24") 54T5=54W T5 (48") 17=17W T8 (24") BX18=18W Biax PH (12") 24T5=24W T5 (24") BX18 =18W Biax RS (12") 28T5=28W T5 (48") BX40=40W Biax (24") 28T8=28W T8 (48") OC16=16W T8 (12") 32=32W T8 (48") U1-5/8=31W T8 (24") |
| Shielding | Option - Aluminum Flange Trim ³ | | Voltage ⁷ | | Options | |
| [Blank]=Smooth Frosted Acrylic (Standard) SDL=Smooth Diffused Lens with Insert ¹ | [Blank]=Single White Color N=Natural W=White | Type E=End of Row R=In Row S=Single | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁴ | | EL=Emergency Installed (Must Specify Battery Pack, See Options) ^{5,6} Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | |
| Ballast Type | | | | | Number of Ballasts | Options |
| [Blank]=Standard Magnetic (1' x 1' Only) | | | | | 1=1 Ballast 2=2 Ballasts | FR=Fire Rated Label LAO=Less Access Opening RLS=Rotor Lock Socket (T8 Lamps Only) ¹² |
| <p>Biax Ballasts TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.</p> <p>T5 Ballasts EBT =T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁸ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁹ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90¹⁰ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0¹¹</p> <p>T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start, Total Harmonic Distortion < 10%.</p> <p>High Performance T8 Ballasts HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor = .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor = 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor = .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79</p> | | | | | | |
| Packaging | | Accessories (Order Separately) | | | | |
| PALC=Job Pack, in Carton U=Unit Pack | | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹³ F2M-14S-W-U=1' x 4' Field Installed Flange Kit | | FCTKA-22W-U=2' x 2' Field Installed Flange Kit FCTKA-24W-U=2' x 4' Field Installed Flange Kit | | |

NOTES: 1. Only required in ordering information for 2' x 2' and 2' x 4'. 2. 1' x 4' only. 3. Specify row configuration, type in catalog number when ordering complete fixtures. 4. Not available when specifying emergencies, voltage must be specific. 5. Must specify voltage (120V or 277V) when selecting EL option. 6. For 2' x 2' and 2' x 4' low profile emergency unit only, no access plate wire through end plate. Please specify voltage. 7. Products also available in non-US voltage and frequencies for international markets. 8. 1-Lamp ballast in a High Ballast factor not available. 9. Step Dimming ballast available for 2 or 3 14WT5 or 28W T5 lamps only. 10. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 11. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 12. Standard on 2' x 2' and 2' x 4' fixtures. 13. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Wide variety of commercial applications
- Air-handling directional air vane
- Direct-Indirect design provides optimum brightness and glare control
- High-reflectance, matte-white finish painted after fabrication
- Ballasts are CBM/ETL Class P
- Heavy-gauge end plates are securely attached for strength and rigidity
- Positively retained direct lamp shield
- Die-formed, code-gauge steel; nominal 6" deep fixture

DIMENSIONS

2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified



RDIA OVATION SERIES



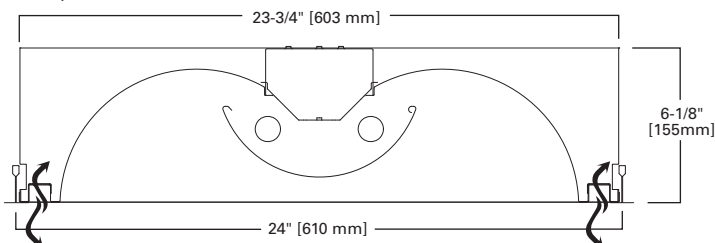
ORDERING INFORMATION

SAMPLE NUMBER: 2RDIA-232RP-UNV-EB81-U

| Width | Series | Trim Type | Lamp Position | Air Supply | Number of Lamps (Not Included) | Wattage |
|---|---|---|---|--|---|--|
| 2=2' Width | RDIA =Recessed Direct-Indirect with Air Handling | [Blank] =Grid/Lay-in (Standard) | [Blank] =Center Mounted Lamps (Only) | VX =Directional Air Vane | 1=1 Lamp 2=2 Lamps 3=3 Lamps | 14T5 =14W T5 (24") 17 =17W T8 (24") 24T5 =24W T5HO (24") 28T5 =28W T5 (48") ¹ 32 =32W T8 (48") 54T5 =54W T5HO (48") BX40 =40W Biax (24") |
| Lamp Shield | | Debris Shield ³ | Voltage ⁴ | Options | | |
| FLS =Frosted Lamp Shield RP =Round Perforated White Steel RP/PLI =RP with Semi-Specular Parabolic Baffle RP/PLMI =RP with Specular Parabolic Baffle RP/TBW =RP White Steel with Thin Blade White Baffle SLS =Split Lamp Shield ² X =Solid Matte White | | /DS =Debris Shield | 120V =120 Volt 277V =277 Volt 347V =347 Volt UNV =Universal Voltage 120-277 ⁵ | EL =Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁶ Flex =Flex Installed (Reference Flex Ordering Information) GL =Single Element Fuse GM =Double Element Fuse Lamps =Lamps Installed | | |
| Options | | Ballast Type | | | Number of Ballasts | |
| EL =Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁶ Flex =Flex Installed (Reference Flex Ordering Information) GL =Single Element Fuse GM =Double Element Fuse Lamps =Lamps Installed | | T5 Ballasts EBT _=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁷ Ballast/Factor Type (T5) EBT_H =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ⁸ EBT_HDIM =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ^{9, 10} EBT_N =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹¹ EBT_NDIM =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹² T8 Ballasts EB8 _=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS =T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 _=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% ER8 /PLUS =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 High Performance T8 Ballasts HB8 _=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 _=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options ¹³ | | Packaging | Accessories (Order Separately) | | | |
| LSC =Lamp Shield Cable | | PALC =Palletized Fixtures in Carton U =Unit Pack | DF-22-W =2' x 2' Drywall Frame Kit DF-24-W =2' x 4' Drywall Frame Kit EQ-CLIP-U =T-BAR Safety Earthquake Clips | | | |

NOTES: 1. .90 ballast factor available for 2 or 3 28W T5 lamps only. 2. 2' x 2' and 2' x 4' Center Lamp Shield models only. 3. Only compatible with X, FLS and RP lamp shields. 4. Products also available in non-US voltage and frequencies for international markets. 5. Not available when specifying emergencies, voltage must be specified. 6. For EM option, single ballast configurations only. 7. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 8. 1-Lamp ballast in a High Ballast factor not available. 9. Step Dimming ballast available for 2 or 3 14WT5 lamps only. 10. Step Dimming ballast available for 2 or 3 28W T5 lamps only. 11. .90 ballast factor available for 2 or 3 14W T5 lamps only. 12. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 13. See options section.

2' x 2', 2' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

COMMERCIAL SPECIFICATION DIRECT-INDIRECT



FEATURES

- Biax, T8 and T5/T5HO lamp sources
- Center-mount and side-mount lamp shield configurations
- High-reflectance, matte-white finish painted after fabrication
- 1, 2, 3 and 4 lamp modules
- Lamps and all hardware are completely shielded from view
- Direct-Indirect design provides optimum brightness and glare control
- Debris shield and lens option available
- Drywall applications in conjunction with drywall frame kit

DIMENSIONS

1' x 2', 1' x 4', 2' x 2', 2' x 4'

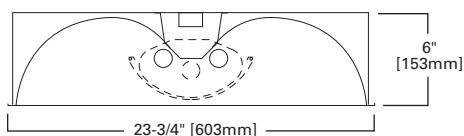
Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, IC Rated, City of Chicago Approved

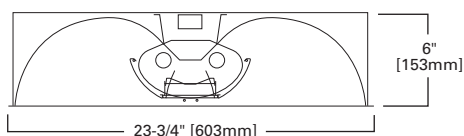
RDI, 2RDI
OVATION SERIES



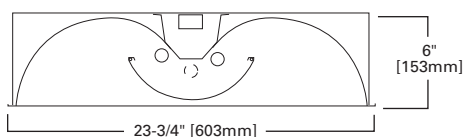
RP, X CENTER MOUNT



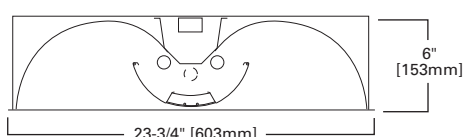
RP/PLI, RP/PLMI 2' x 2', 2' x 4'



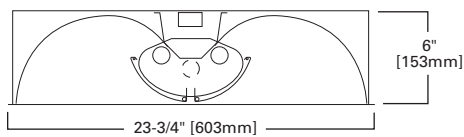
FLS 2' x 2', 2' x 4'



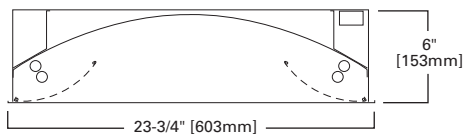
RP/TBW 2' x 2', 2' x 4'



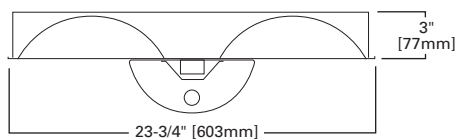
SLS 2' x 2', 2' x 4'



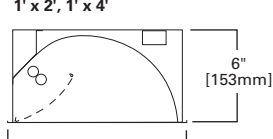
RP, X SIDE MOUNT 2' x 2', 2' x 4'



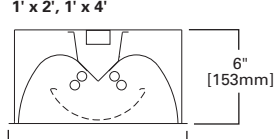
RPD 2' x 2', 2' x 4'



RP, X SIDE MOUNT 1' x 2', 1' x 4'



RP, X CENTER MOUNT 1' x 2', 1' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

ORDERING INFORMATION

SAMPLE NUMBER: 2RDI-2BX40RP-120V-EB51-U

| Rating | Width | Series | Type | Trim Type | Lamp Position |
|---|---|--|---|---|--|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | RDI=Recessed Direct-Indirect | IC=IC Rated ¹ | [Blank]=Grid/Lay-in (Standard) ² | [Blank]=Center Mounted Lamps (Standard) ASY=Asymmetric S=Side Mounted Lamps (2 or 4 Lamps Only) |
| Number of Lamps (Not Included) ^{3,4} | | Wattage (Length) | Lamp Shield | | Voltage ⁷ |
| 1=1 Lamp 2=2 Lamps 3=3 Lamps 4=4 Lamps T1=2' x 4' Fixture with One Biax Lamp at Each End T2=2' x 4' Fixture with Two Biax Lamps at Each End T3=2' x 4' Fixture with Three Biax Lamps at Each End | | 14T5=14W T5 (24") ⁵ 17=17W T8 (24") 24T5=24W T5HO (24") ⁵ 28T5=28W T5 (48") ⁵ 28T8=28W T8 (48") 32=32W T8 (48") 54T5=54W T5HO (48") ⁵ BX40=40W Biax (24") BX50=50W Biax (24") ^{4,5,6} BX55=55W Biax (24") ^{4,5,6} | FLS=Frosted Lamp Shield ⁵ RP=Round Perforated White Steel RP/PLI=RP with Semi-Specular Parabolic Baffle RP/PLMI=RP with Specular Parabolic Baffle RP/TBW=RP White Steel with Thin Blade White Baffle RP/TBWO/020=RP White Steel with Thin Blade White Baffle and Acrylic overlay RPD=Round Perforated Steel Below Ceiling Lamp Shield RPD/TBW=Round Perforated Below Ceiling Lamp Shield with Thin Blade White Baffle SLS=Split Perforated Center Basket X=Solid Matte White | | 024V=24 Volt DC 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁸ |
| Options | | | Ballast Type | | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁹ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | | | <p>Dimming Ballasts DC54_DIM=T5HO 24VDC Dimming= 0-10V, Ballast Factor=.78¹⁰ DC5_DIM=T5 24VDC Dimming 0-10V, Ballast Factor=1.0¹¹ DC8_DIM=T8 24VDC Dimming= 0-10V, Ballast Factor=1.0¹² DCX_DIM=Biax 24VDC Dimming= 0-10V, Ballast Factor=1.0^{13,14}</p> <p>Biax Ballasts EB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%.¹⁵ TEB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.¹⁵ ER5_=T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%.</p> <p>T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15¹⁶ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15^{17,18} EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90¹⁹ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0^{20,16,17,18}</p> <p>T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.</p> <p>High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79</p> | | |
| Number of Ballasts ²¹ | Options | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | LSC=Lamp Shield Cable LVDC10=Low Voltage 10 Foot DC Connector and Cable Assembly Installed LVDC5=Low Voltage 5 Foot DC Connector and Cable Assembly Installed RIF1=Radio Interference Suppressor RLS=Rotor Lock Socket (T8 Lamps Only) ST=Semi-Specular Tannenbaum | PAL=Job Pack Out of Carton PALC=Palletized Fixtures in Carton U=Unit Pack | DF-12-W=1' x 2' Drywall Frame Kit DF-14-W=1' x 4' Drywall Frame Kit DF-22-W=2' x 2' Drywall Frame Kit DF-24-W=2' x 4' Drywall Frame Kit EQ-CLIP-U=T-BAR Safety Earthquake Clips ²² | | |

NOTES: 1. IC versions only available for select 2' x 2' and 2' x 4' models. 2. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 3. Stem Mounting not available on 3-lamp fixtures. 4. 50W or 55W Biax only available in a 1-lamp option. 5. 2' x 2' and 2' x 4' Center Lamp Shield models only. 6. Biax 50 or 55W only available in tandem 1 lamp option. 7. Products also available in non-US voltage and frequencies for international markets. 8. Not available when specifying emergencies, voltage must be specified. 9. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 10. 54T5 is only available in 1-lamp. 11. 24VDC version is EMerge Alliance® Registered. (T5HO 1 lamp ballast only). 12. 24VDC version is Emerge Alliance® Registered (T8 = 2 lamp ballast only). 13. 24VDC version is EMerge Alliance® Registered (Biax = 1 lamp ballast only). 14. BX40 is only available in 1-lamp. 15. Not available in UNV voltage. Must specify voltage. 16. 1-Lamp ballast in a High Ballast factor not available. 17. Step Dimming ballast available for 2 or 3 14WT5 lamps only. 18. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 19. 90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 20. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 21. For Emerge 2' x 4' T8 1.0 Ballast Factor, two ballast must be ordered. 22. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture.

COMMERCIAL SPECIFICATION WALL WASH



FEATURES

- Utilizes efficient fluorescent T8, T5 and Biax lamp sources
- 2' and 4' lengths
- Adjustable end-support mounting brackets
- Optional baffle and lens accessories available
- Easy ballast access from above or below ceiling
- Die-formed housing in code-gauge, cold-rolled steel
- Durable high-reflective finish
- Specular and semi-specular low iridescent anodized-aluminum reflectors
- Can be used in drywall applications using drywall frame kit

DIMENSIONS

1' x 2', 1' x 4'

RWW SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed - Damp Location, NOM Certified



ORDERING INFORMATION

SAMPLE NUMBER: RWW-232MI-120V-EB81-U

| Series | Number of Lamps (Not Included) | Wattage (Length) | Louver/Reflector Finish | Voltage ³ | Options ⁵ |
|------------------------|--|---|--|--|---|
| RWW=Recessed Wall Wash | 1=1 Lamp 2=2 Lamps T1=1' x 4' Fixture with One Biax Lamp at Each End | 14 T5=14W T5 (24") 17=17W T8 (24") 24 T5=24W T5HO (24") 28T5=28W T5 (48") 32=32W T8 (48") 54 T5=54W T5HO (48") BX40=40W Biax (24") ^{1,2} BX50=50W Biax (24") ^{1,2} BX55=55W Biax (24") ^{1,2} | I=Semi-Specular Low Iridescent MI=Specular Low Iridescent (Standard) W=White | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁴ | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |

Ballast Type

Biax Ballasts

EB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%.⁶
ER5 =T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.⁶

T5 Ballasts

EBT =T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

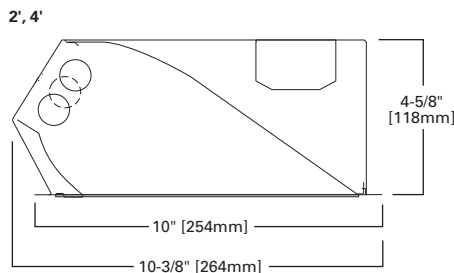
EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁷
EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁸
EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90⁹
EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0¹⁰

T8 Ballasts

EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%.
EB8_PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15.
ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

| Number of Ballasts | Options | Packaging |
|---|---|---|
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | CAL2=Clear Acrylic Lens (2' Fixture) ¹¹ CAL4=Clear Acrylic Lens (4' Fixture) ¹¹ DF-102-W=2' Version. Drywall Frame Kit (Order Individually as Accessory) DF-104-W=4' Version. Drywall Frame Kit (Order Individually as Accessory) RLS=Rotor Lock Socket (T8 Lamps Only) TBW2=Thin White Baffle Accessory (2' Fixture) TBW4=Thin White Baffle Accessory (4' Fixture) | PALC=Palletized Fixtures in Carton U=Unit Pack |

NOTES: 1. Biax only available in 1 lamp cross section. 2. Electronic ballast only. 3. Products also available in non-US voltage and frequencies for international markets. 4. UNV available in T5 and T8 linear only. Not available when specifying emergencies, voltage must be specified. 5. See Options or Accessories. 6. Not available in UNV voltage. Must specify voltage. 7. 1-Lamp ballast in a High Ballast factor not available. 8. Step Dimming ballast available for 2 or 3 14WT5 or 28W T5 lamps only. 9. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 10. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 11. Field installed accessory ships in separate carton.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Miniature profile design ideal for architectural lighting solutions
- Equipped with T5 energy-saving electronic ballast
- Die-formed from rolled-steel with baked white enamel finish
- SM can be surface or pendant mount, individual or row mounting
- SML for shadow-free continuous illumination in cove lighting
- Numerous knockouts for easy installation
- Easy wireway access; wireway cover removed without tools
- Lamps not included on SM/SML/SMW striplight series

DIMENSIONS

2', 3', 4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



CRICKET SM, SML SERIES

ORDERING INFORMATION

SAMPLE NUMBER: SML-228T5-120V-EBT1

| Tandem | Series | Number of Lamps (Not Included) | Wattage | Voltage | Options | |
|--|--|---|--|---|---|---|
| 8T=8' Length [Blank]=2', 3' or 4' Lengths | SM=T5 Micro Striplight SML=Staggered T5 Micro Striplight | 1=1 Lamp 2=2 Lamps 3=3 Lamps 4=4 Lamps | 14T5=14W T5 (24") ^{1,2} 21T5=21W T5 (36") ¹ 24T5=24W T5HO (24") ^{1,2} 28T5=28W T5 (48") ¹ | 35T5=35W T5 (60") ¹ 39T5=39W T5HO (36") ¹ 54T5=54W T5HO (48") ¹ | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ³ | EL=Emergency Installed ⁴ GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | | Number of Ballasts | Options | | |
| T5 Ballasts EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁵ Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ⁵ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ⁵ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ⁷ | | | 1=1 Ballast 2=2 Ballasts | PI/CPI=Plug-In Option RLS=Rotor-Lock Socket (T8 Lamps Only) TILW=Tandem Inline Wiring | | |
| Packaging | Accessories (Order Separately) | | | | | |
| U=Unit Pack | SM-ASY-4=Asymmetrical 4' Reflector SM-ASY-RP-4=Perforated Asymmetrical 4' Reflector SM-SYM-4=Symmetrical 4' Reflector SM-SYM-RP-4=Perforated Symmetrical 4' Reflector | | | SML-2IN-ASY=Asymmetrical Reflector SML-2IN-ASY/REV=Reverse Asymmetrical Reflector SML-2IN-SYM=Symmetrical Reflector | | |

NOTES: 1. Nominal dimension. See mounting data for exact measurements. 2. SML 1-lamp not available for these lamp types. 3. Not available when specifying emergencies, voltage must be specified. 4. Available for 4' and 1-lamp 5' units only. 5. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 6. 1-Lamp ballast in a High Ballast factor not available. 7. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

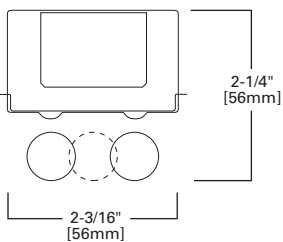
ORDERING INFORMATION⁴

SAMPLE NUMBER: SML-ASY-SS-4-1 (Accessory Reflector)

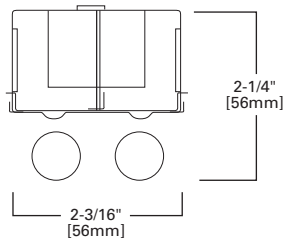
| Strip Series | Number of Lamps (Not Included) |
|---------------------------------------|--------------------------------|
| SML=Micro Staggered SMW=Micro Wide | 4=3 or 4 Lamp ¹ |

NOTES: Δ See accessories page for additional reflectors. 1. For SMW only.

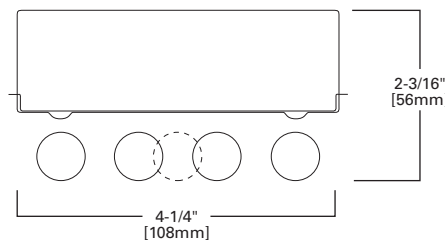
SML 2', 3', 4', 5'



SM 2', 3', 4', 5'



SM 3 AND 4 LAMP



HIGH-BAY INDUSTRIAL



FEATURES

- Full-bodied steel housing for rigidity and strength
- Segmented optical design optimizes performance by three distributions
- Five-year, 55°C or three-year, 65°C ballast warranty
- High-performance polyester powder-coat to protect from corrosion
- Door frame and lens available in clear and prismatic acrylic
- F-Bay modular power supply available for quick power disconnect
- Suspension-mount with optional wire hook and chain set
- Single monopoint-mounting also available with HB-SPM tong hanger

DIMENSIONS

17" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

F-BAY HBI SERIES



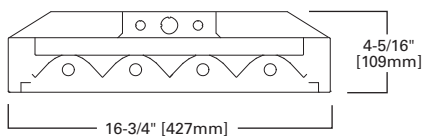
ORDERING INFORMATION

SAMPLE NUMBER: HBI-654T5-N-UNV-EBT2-U

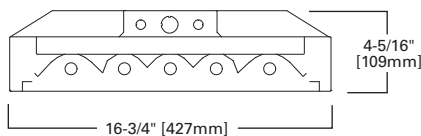
| Series ¹ | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding | Voltage ³ |
|--|-------------------------------------|--|--|--|---|
| HBI=High Bay Industrial | 4=4 Lamps 5=5 Lamps 6=6 Lamps | 28T5=28W T5 Lamps (48") 32=32W T8 Lamps (48") 47T5=47W T5HO Lamps (48") ² 49T5=49W T5HO Lamps (48") ² 51T5=51W T5HO Lamps (48") ² 54T5=54W T5HO Lamps (48") ² | M=Medium Beam N=Narrow Beam (Standard) W=Wide Beam | [Blank]=None A=Prismatic Acrylic Lens and Doorframe A/WG=Acrylic Lens, Wireguard and Doorframe CL=Clear Acrylic Lens and Doorframe CL/WG=Clear Lens, Wireguard and Doorframe WG=Wireguard and Doorframe | 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNC=Universal 347/480 Voltage ⁴ UNV=Universal 120/277 Voltage |
| Options | | | Ballast Type | | Number of Ballasts |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁵ GL=Single Element Fuse GM=Double Element Fuse Lamps Installed⁶ HL=Add HL at end of Lamp for High Lumen Lamps, T8 Only L5830=T5 Lamp, 85CRI 3000K L5835=T5 Lamp, 85CRI 3500K L5841=T5 Lamp, 85CRI 4100K L5850=T5 Lamp, 85CRI 5000K L8830=T8 Lamp, 85CRI 3000K L8835=T8 Lamp, 85CRI 3500K L8841=T8 Lamp, 85CRI 4100K L8850=T8 Lamp, 85CRI 5000K | | | T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁷ EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. ⁸ T8 Ballasts⁹ EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start, Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ¹⁰ ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ¹⁰ | | 2=2 Ballasts 3=3 Ballasts |
| Options | | Packaging | Accessories (Order Separately) | | |
| G2=Gasketed Door (Requires Selection of Lensed Doorframe) MP=Modular Power Receptacle (Used for All Cord or Cord and Plug Options) ¹¹ MS=360° or 180° motion sensor installed, 120V through 347V, or 480V ¹² MWS=Modular Wiring System ^{13, 14} NUA=No Uplight Apertures In Housing (Cannot be Combined with UPL) SDF=Slotted Doorframe (Requires Selection of Lensed Doorframe) UPL=Uplight Apertures | | PAL=Job Pack Out of Carton PALC=Palletized In Carton U=Unit Pack | FH-1=Fixture Hook FL-1=Fixture Loop HB-SPM=Single Monopoint Hanger with Hub HB-SPM-S=Single Monopoint Hanger for Surface Mount HBAYC-CHAIN/SET-U=(2) V-Hook Hangers, 36" Chain Sets with S-Hooks MC3=3' Modular Power Cord MC6=6' Modular Power Cord MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector ¹³ MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) MPC3=3' Modular Power Cord and Plug (Specify Voltage) MPC6=6' Modular Power Cord and Plug (Specify Voltage) RH-1=Retrofit Hanger SWG=Heavy Duty Wireguard for Field Installation Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30', Requires 2 Per Fixture) | | |

NOTES: 1. Includes V Hangers for rapid installation. 2. EHT standard with T5HO lamps. 3. Voltage must be specified when ordered with plugs or emergency ballasts. For MS option, indicate UNV (for 120V or 277V), 347V or 480V. 4. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 5. Voltage must be specified when ordered with plugs or emergency ballasts. 6. Must specify lamps when ordering. 7. EBT ballast systems suitable for operation in ambient environments up to 104°F (40°C) in upright configuration. 8. EHT/HT5/HCT5 ballast systems suitable for ambient environments not to exceed 149°F (65°C) in open upright configurations and less lens option. 9. ER8 and EB8 ballast systems suitable for operation in ambient environments up to 122°F (50°C) in open upright configurations. 10. Recommended when using motion sensor options or accessories. 11. Requires use of MC or MPC cord accessories, specify voltage for plugs. 12. When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V. 13. For MWS with MP, choose MP in fixture logic and then choose MWS accessory such as MDS6. 14. Cannot be combined with Modular Power Receptacle (MP).

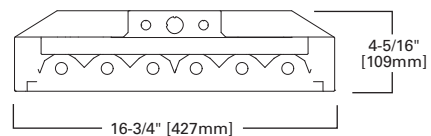
4 LAMP



5 LAMP



6 LAMP



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Primary applications include "big box" retail and industrial
- Full-body construction with channel, sides and end plates
- Class P electronic ballast
- Segmented optical design optimizes performance by three distributions
- F-Bay modular power supply available for quick power disconnect
- Suspension-mount with optional wire hook and chain set
- Single monopoint-mounting also available with SPM tong hanger
- Door frame and lens assembly optional for demanding environments

DIMENSIONS

20" x 48", 25" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



F-BAY HBE SERIES

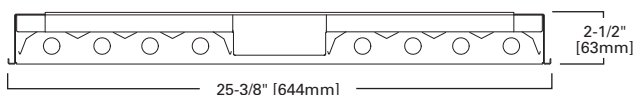
ORDERING INFORMATION⁴

SAMPLE NUMBER: HBE-632-N-UNV-L8850-ER82-U

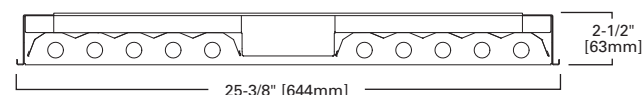
| Series | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding ^{1,2} | Voltage ³ |
|---|---|--|--|--|--|
| HBE =High Bay Efficiency | 4=4 Lamps 6=6 Lamps 8=8 Lamps ¹ 10=10 Lamps ¹ | 23T5=28W T5 Lamps (48") 32=32W T8 Lamps (48") 47T5=47W T5HO Lamps (48") 49T5=49W T5HO Lamps (48") 51T5=51W T5HO Lamps (48") 54T5=54W T5HO Lamps (48") | M=Medium Beam N=Narrow Beam (Standard) W=Wide Beam | [Blank]=None A=Prismatic Acrylic Lens and Doorframe A/WG=Acrylic Lens, Wireguard and Doorframe CL=Clear Acrylic Lens and Doorframe CL/WG=Clear Lens, Wireguard and Doorframe WG=Wireguard and Doorframe | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal 347/480 Voltage ⁴ UNV=Universal 120/277 Voltage |
| Options | | | Ballast Type | | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse Lamps Installed⁵ HL=Add HL at end of Lamp for High Lumen Lamps, T8 Only L5830=T5 Lamp, 85CRI 3000K L5835=T5 Lamp, 85CRI 3500K L5841=T5 Lamp, 85CRI 4100K L5850=T5 Lamp, 85CRI 5000K L8830=T8 Lamp, 85CRI 3000K L8835=T8 Lamp, 85CRI 3500K L8841=T8 Lamp, 85CRI 4100K L8850=T8 Lamp, 85CRI 5000K | | | T5 Ballasts EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁶ EHT=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. ⁷ T8 Ballasts⁸ EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ⁹ ER8 /PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ⁹ | | |
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | [Blank]=Side Rails (Standard) MP=Modular Power Receptacle (Used for All Cord or Cord and Plug Options) ¹⁰ MS=360° or 180° motion sensor installed, 120V through 347V, or 480V ¹¹ MWS=Modular Wiring System ^{12, 13} UPL=Uplight Apertures on Reflector | PAL=Job Pack Out of Carton PALC=Job Pack, in carton U=Unit Pack | FH-1=Fixture Hook FL-1=Fixture Loop HBAYC-CHAIN/SET/U=(2) V-Hook Hangers, 36" Chain Sets with S-Hooks HBL-SPM=Single Monopoint Hanger with Hub HBL-SPM-S=Single Monopoint Surface Mount Hanger MC3=3' Modular Power Cord MC6=6' Modular Power Cord MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector ¹² MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) ¹⁰ MPC3=3' Modular Power Cord and Plug (Specify Voltage) MPC6=6' Modular Power Cord and Plug (Specify Voltage) RH-1=Retrofit Hanger WG/HBL6-4FT-B=Field Installable, Wireguard for HBE 4 and 6 Lamp WG/HBL8-4FT-B=Field Installable, Wireguard for HBE 8 and 10 Lamp Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30') | | |

NOTES: ¹ Includes V Hangers for rapid installation. ² EHT ballast recommended when using lens option on 8 or 10 lamp configurations. ³ Not recommended in 10 Lamp configurations at ambient temperatures above 120°F (40°C). ⁴ Voltage must be specified when ordered with plugs or emergency ballasts. For MS option, indicate UNV (for 120V or 277V), 347V or 480V. ⁵ 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. ⁶ Must specify lamps when ordering. ⁷ EBT ballast systems suitable for operation in ambient environments up to 104°F (40°C) in upright configuration. ⁸ EHT/HT5/HCT5 ballast systems suitable for ambient environments not to exceed 149°F (65°C) in open upright configurations and less lens option. ⁹ T8 ballast systems suitable for operation in ambient environments up to 131°F (55°C) in open upright configuration. ¹⁰ Recommended when using motion sensor options or accessories. ¹¹ Requires use of MC or MPC cord accessories, specify voltage for plugs. ¹² When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V. ¹³ For MWS with MP, choose MP in fixture logic and then choose MWS accessory such as MDS6. ¹⁴ Cannot be combined with Modular Power Receptacle (MP).

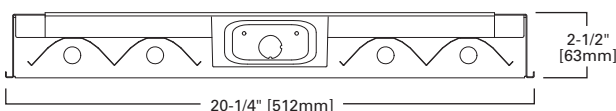
25" x 48", 8 LAMP



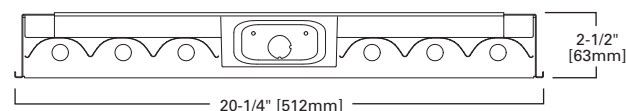
25" x 48", 10 LAMP



20" x 48", 4 LAMP



20" x 48", 6 LAMP

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

HIGH-BAY INDUSTRIAL



FEATURES

- Retail, industrial and warehouse applications
- Channel and end plates constructed of die-formed steel
- Class P electronic ballast and twistlock lampholders
- Segmented optical design optimizes performance by three distributions
- Stiffening brackets add additional strength and rigidity to channel
- Uplight option available to permit ceiling uniformity
- Excellent thermal dissipation without any special components
- Suspension-mount with optional wire hook and chain set
- F-Bay modular power supply available for quick power disconnect

DIMENSIONS

20" x 48", 25" x 48"

F-BAY HBL SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



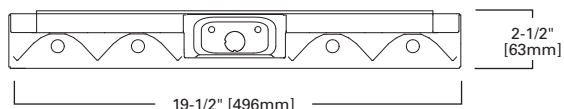
ORDERING INFORMATION^Δ

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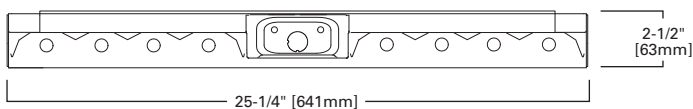
| Series | Number of Lamps (Not Included) | Lamp Type | Distribution | Voltage ¹ |
|---|--|--|--|--|
| HBL=Linear High Bay | 4=4 Lamps 6=6 Lamps 8=8 Lamps 10=10 Lamps | 28T5=28W T5 Lamp (48") 32=32WT8 Lamp (48") 47T5=47W T5HO Lamp (48") 49T5=49W T5HO Lamp (48") 51T5=51W T5HO Lamp (48") 54T5=54W T5HO Lamp (48") | M=Medium Beam N=Narrow Beam (Standard) W=Wide Beam | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal 347/480 Voltage ² UNV=Universal 120/277 Voltage |
| Options | | Ballast Type | Number of Ballasts | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ³ GL=Single Element Fuse GM=Double Element Fuse Lamps Installed ⁴ HL=Add HL at end of Lamp for high lumen Lamps, T8 Only L5830=T5 Lamp, 85GR L5835=T5HO Lamp, 85CRI 3500K L5841=T5HO Lamp, 85CRI 4100K L5850=T5HO Lamp, 85CRI 5000K L8830=T8 Lamp, 85CRI 3000K L8835=T8 Lamp, 85CRI 3500K L8841=T8 Lamp, 85CRI 4100K L8850=T8 Lamp, 85CRI 5000K | | T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁵ EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10% ⁶ T8 Ballasts ⁷ EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ⁸ ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ⁸ | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options | | Packaging | Accessories (Order Separately) | |
| MP=Modular Power Receptacle (Used for All Cord or Cord and Plug Options) ⁹ MS=360° or 180° Motion Sensor installed (120V through 347V or 480V) ¹⁰ MWS=Modular Wiring System ^{11, 12} UPL=Uplight Apertures on Reflector | | PAL=Job Pack Out of Carton PALC=Palletized in Carton U=Unit Pack | FH-1=Fixture Hook FL-1=Fixture Loop HBAYC-CHAIN/SET-U=(2) V-Hook Hanger, 36" Chain Sets with S-Hooks HBL-SPM=Single Monopoint Hanger with Hub HBL-SPM-S=Single Monopoint Surface Mount Hanger MC3=3' Modular Power Cord MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector ¹² MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) ⁹ MP6=6' Modular Power Cord MPC3=3' Modular Power Cord and Plug (Specify Voltage) MPC6=6' Modular Power Cord and Plug (Specify Voltage) RH-1=Retrofit Hanger WG/HBL6-4FT-B=Field Installable, Wireguard for HBL 4 and 6 Lamp WG/HBL8-4FT-B=Field Installable, Wireguard for HBL 8 and 10 Lamp Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30') | |

NOTES: Δ Includes V Hangers for rapid installation. 1. Voltage must be specified when ordered with plugs or emergency ballasts. For MS option, indicate UNV (for 120V or 277V), 347V or 480V. 2. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 3. Voltage must be specified when ordered with plugs or emergency ballasts. 4. Must specify lamps when ordering. 5. EBT ballast systems suitable for operation in ambient environments up to 104°F (40°C) in upright configuration. 6. EHT/HT5/HCT5 ballast systems suitable for ambient environments not to exceed 149°F (65°C) in open upright configurations and less lens option. 7. T8 ballast systems suitable for operation in ambient environments up to 131°F (55°C) in open upright configuration. 8. Recommended when using motion sensor options or accessories. 9. Requires use of MC or MPC cord accessories, specify voltage for plugs. 10. When ordering MS option, specify UNV (for 120 or 277V). 11. Cannot be combined with Modular Power Receptacle (MP). 12. For MWS with MP, choose MP in fixture logic and then choose MWS accessory such as MDS6.

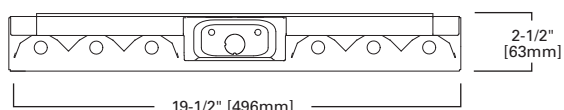
4 LAMP



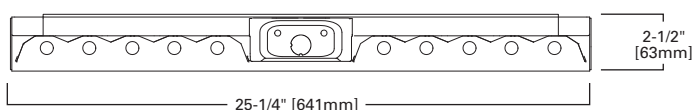
8 LAMP



6 LAMP



10 LAMP



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Specular enhanced aluminum standard for medium optical distribution
- Open or lensed option with reinforced aluminum door
- Four auxiliary fixture-end suspension points provided
- End plate grid-lock feature
- Superior lumen maintenance exceeds that of HID
- Instant strike and re-strike ability
- Occupancy sensor instantly turn lights on and off

DIMENSIONS

2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



F-BAY 2HBG SERIES

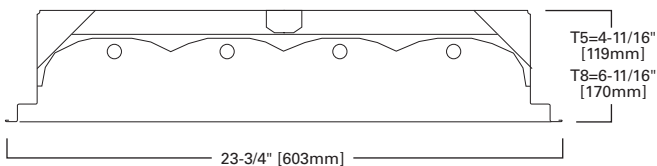
ORDERING INFORMATION

SAMPLE NUMBER: 2HBG-654T5A-UNV-EHT2-U

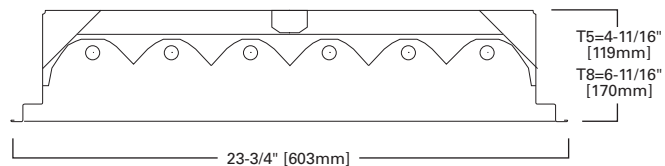
| Width | Series | Trim Type | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding ³ |
|--|-------------|---|--------------------------------|---|---|--|
| 2=24" | HB=High Bay | F=Aluminum Flange Trim ¹ G=Grid/Lay-in (Standard) | 4=4 Lamps 6=6 Lamps | 28T5=28W T5 Lamps (48") ² 32=32W T8 Lamps (48") 47T5=47W T5HO Lamp (48") 49T5=49W T5HO (48") 51T5=51W T5HO (48") 54T5=54W T5HO Lamps (48") | [Blank]=Medium (Specular Aluminum) G=Wide (High Reflectance White) | [Blank]=Open A=Prismatic Acrylic Lens and Door Frame CL=Clear Acrylic Lens and Doorframe |
| Optional Aluminum Flange Trim ¹ | | Voltage ⁴ | | Options | | |
| [Blank]=SW (Single White) EN=End of Row Natural Finish EW=End of Row White Finish RN=In Row Natural Finish RW=In Row White Finish SN=Single, Natural Finish | | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal 347/480 Voltage ⁵ UNV=Universal 120/277 Voltage ⁴ | | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁴ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps Installed HL=Add HL at end of Lamp for High Lumen Lamps, T8 Only L5830=T5 Lamp, 85CRI 3000K L5835=T5 Lamp, 85CRI 3500K L5841=T5 Lamp, 85CRI 4100K L5850=T5 Lamp, 85CRI 5000K L8830=T8 Lamp, 85CRI 3000K L8835=T8 Lamp, 85CRI 3500K L8841=T8 Lamp, 85CRI 4100K L8850=T8 Lamp, 85CRI 5000K | | |
| Ballast Type | | | | Number of Ballasts | Options | Packaging |
| T5 Ballasts EBT_=T5 or T5HO Linear Electronic Program Start High Ambient. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. T8 Ballasts⁶ EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 | | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | MWS=Modular Wiring System | PAL=Pallet Pack PALC=Job Pack, in carton U=Unit Pack |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. 2 ballasts are required when specifying 3 or more 28T5 lamps. 3. Exposed sockets and acrylic lenses may not be suitable for all environments. 4. Voltage must be specified when ordered with plugs or emergency ballasts. 5. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 6. ER8 and EB8 ballast systems suitable for operation in ambient environments up to 122°F (50°C) without lens option.

2' x 4', 4 LAMP



2' x 4', 6 LAMP



HOSE DOWN HIGH-BAY INDUSTRIAL



FEATURES

- White enamel finish improves efficiency and protects from corrosion
- Enclosed and gasketed hole-free housing
- 200 PSI hose-down rating is standard
- 4- or 6-lamp versions
- Particulock™ gasket system provides 200 PSI hose down rating

DIMENSIONS

2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed - Wet Location, UL/cUL Listed, CSA Listed, CSA Listed - Wet Location, USDA, FDA, NSF, Federal Standard 209E

F-BAY 2HBHD SERIES



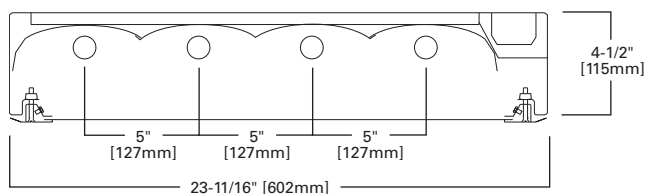
ORDERING INFORMATION

SAMPLE NUMBER: 2HBHD-654T5-A-UNV-EBT2-U

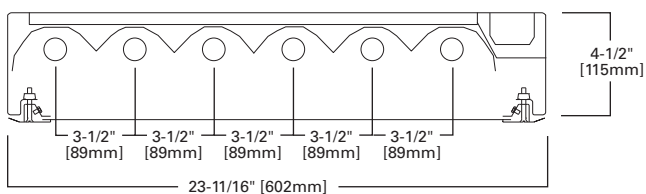
| Width | Series | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding | Voltage ¹ |
|---|-------------------------|--|---|---|--|---|
| 2=24" | HBHD=High Bay Hose Down | 4=4 Lamps 6=6 Lamps | 28T5=28W T5 Lamps (48") 32=32W T8 Lamps (48") 49T5=49W T5HO (48") 51T5=51W T5HO (48") 54T5=54W T5HO Lamps (48") | [Blank]=Medium (Specular Aluminum) G=Wide (High Reflectance White) | A=Prismatic Acrylic Lens and Door Frame CL=Clear Acrylic Lens and Doorframe | 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNC=Universal 347/480 Voltage ² UNV=Universal 120/277 Voltage |
| Options | | Ballast Type | | | | Number of Ballasts |
| Emergency =EM Installed ¹ GL =Single Element Fuse GM =Double Element Fuse Lamps Installed HL =Add HL at end of Lamp for High Lumen Lamps, T8 Only L5830 =T5 Lamp, 85CRI 3000K L5835 =T5 Lamp, 85CRI 3500K L5841 =T5 Lamp, 85CRI 4100K L5850 =T5 Lamp, 85CRI 5000K L8830 =T8 Lamp, 85CRI 3000K L8835 =T8 Lamp, 85CRI 3500K L8841 =T8 Lamp, 85CRI 4100K L8850 =T8 Lamp, 85CRI 5000K | | T5 Ballasts EBT _=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 EHT _=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. T8 Ballasts EB8 _=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS =T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 _=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8 /PLUS =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 | | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts |
| Options | | Packaging | | | | |
| C3 =3' Power Cord C6 =6' Power Cord PC3 =3' Power Cord and Plug (Specify Voltage) ¹ PC6 =6' Power Cord and Plug (Specify Voltage) ¹ SHN =Stainless Steel Housing Brushed 304 Finish SSN =Stainless Steel Door/Brushed 304 Finish | | PAL =Pallet Pack PALC =Job Pack, in carton U =Unit Pack | | | | |

NOTES: 1. Voltage must be specified when ordered with plugs or emergency ballasts. 2. 2 lamp ballast configurations only in UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions.

4 LAMP



6 LAMP



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Food processing and demanding areas where cleaning is required
- Powder-coat finish or stainless steel
- Gasketed doorframe and lens seals housing to 800 PSI and IP65 rating
- Articulated top allows for water runoff during cleaning
- One-piece, heavy-gauge lens in clear or prismatic acrylic
- Segmented optical design optimizes performance by two distributions
- Product can be cable- or stem-mounted
- Standard, Class P, CBM/ETL ballast

DIMENSIONS

2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed, CSA Listed - Wet Location, USDA, FDA, NSF, Federal Standard 209E



F-BAY 2HBHT SERIES

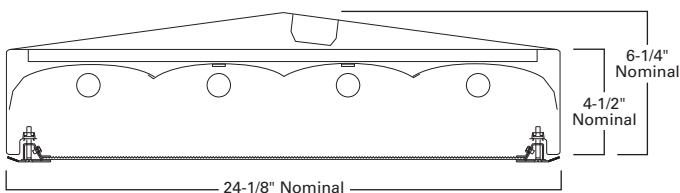
ORDERING INFORMATION

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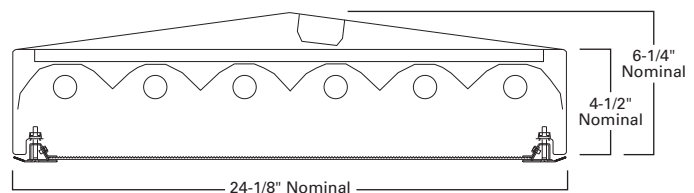
| Width | Series | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding |
|--|---|--|---|---|---|
| 2=24" | HBHT =High Bay Hose Down with Tented Top | 4=4 Lamps 6=6 Lamps | 28T5 =28W T5 Lamps (48") 32 =32W T8 Lamps (48") 49T5 =49W T5HO Lamps (48") 51T5 =51W T5HO Lamps (48") 54T5 =54W T5HO Lamps (48") | [Blank] =Medium (Specular Aluminum) G =Wide (High Reflectance White) | 93 =Prismatic Tempered Glass and Steel Door Frame 94 =Clear Tempered Glass and Steel Door Frame A =Prismatic Acrylic Lens and Steel Door Frame CL =Clear Acrylic Lens and Steel Door Frame |
| Voltage ¹ | | Options | | Ballast Type | |
| 120V =120 Volt 277V =277 Volt 347V =347 Volt UNC =Universal 347/480 Voltage ² UNV =Universal 120/277 Voltage | | EL =Emergency Battery Installed (Must Specify Battery Pack, See Options) ¹ GL =Single Element Fuse GM =Double Element Fuse Lamps Installed HL =Add HL at end of Lamp for High Lumen Lamps, T8 Only L5830 =T5 Lamp, 85CRI 3000K L5835 =T5 Lamp, 85CRI 3500K L5841 =T5 Lamp, 85CRI 4100K L5850 =T5 Lamp, 85CRI 5000K L8830 =T8 Lamp, 85CRI 3000K L8835 =T8 Lamp, 85CRI 3500K L8841 =T8 Lamp, 85CRI 4100K L8850 =T8 Lamp, 85CRI 5000K | | T5 Ballasts ² EHT =T5 or T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS =T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ² ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8 /PLUS =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 | |
| Number of Ballasts | | Options | | Accessories (Order Separately) | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | | C3 =3' Power Cord ³ C6 =6' Power Cord ³ PC3 =3' Power Cord and Plug (Specify Voltage) ^{1,3} PC6 =6' Power Cord and Plug (Specify Voltage) PM =Pendant Mount Stem ⁴ SHN =Brushed Stainless Steel Housing Finish SSN =Brushed Stainless Steel Door Finish | | PAL =Pallet Pack PALC =Job Pack, in carton U =Unit Pack HBHT-Chain/Set =(2) 6 Foot Stainless Steel Chains, (4) Large S-Hooks Y-Hook =(2) Snap Hooks, #2 Cable (Specify 10' or 30'), Order (2) Per Fixture | |

NOTES: 1. Voltage must be specified when ordered with plugs, motion sensor or emergency ballasts. 2. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 3. Available for chain or cable mount options only. 4. Always supplied with a 6 Foot 3-wire cord as standard through pendant stem hub.

2' x 4', 4 LAMP



2' x 4', 6 LAMP



COLD STORAGE HIGH-BAY INDUSTRIAL



FEATURES

- For use in environments with ambient temperatures as low as -20° F
- Die-formed, cold-rolled steel housing, end plates and socket tracks
- Class P ballast, rated for -29°C to 90°C operation
- Finish is preceded by a multi-stage cleaning cycle
- Wide distribution for general open area lighting
- Sealed and gasketed doorframe available with a clear or prismatic lens
- Optical design optimizes performance across three distributions
- Suspension-mount with optional wire hook/chain, HB-SPM or cable mount
- Suited for surface and suspension mounting

DIMENSIONS

17" x 48"

ABI ARCTIC BAY SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

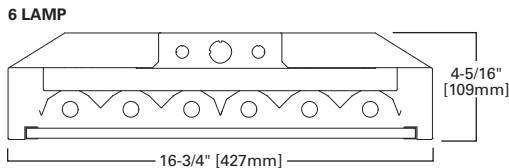
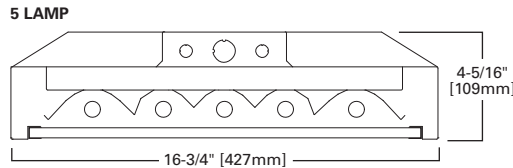
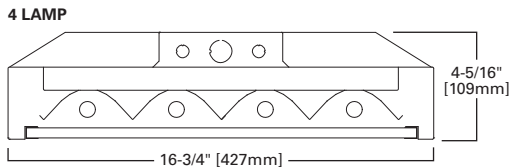


ORDERING INFORMATION

SAMPLE NUMBER: ABI-654T5-UNV-EBT2-MS/OB-U

| Series | Number of Lamps (Not Included) | Lamp Type | Distribution | Shielding | Voltage ¹ |
|---|-------------------------------------|---|--|---|---|
| ABI=Arctic Bay | 4=4 Lamps 5=5 Lamps 6=6 Lamps | 49T5=49W T5HO Lamps (48") 51T5=51W T5HO Lamps (48") 54T5=54W T5HO Lamps (48") | M=Medium Beam N=Narrow Beam (Standard) W=Wide Beam | [Blank]=Prismatic Acrylic Lens with Gasketed Door Frame CL=Clear Acrylic Lens with Gasketed Door Frame | 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNC=Universal 347/480 Voltage ² UNV=Universal 120/277 Voltage |
| Options | | | Ballast Type | Number of Ballasts | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse <u>Lamps Installed</u> L5830=T5 Lamp, 85CRI 3000K L5835=T5 Lamp, 85CRI 3500K L5841=T5 Lamp, 85CRI 4100K L5850=T5 Lamp, 85CRI 5000K | | | T5 Ballasts EBTL=T5 Linear Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Minimum Start Temp. -20°F (-29°C) | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options | | | Packaging | Accessories (Order Separately) | |
| C3=3' White Cord Fixture Attached C6=6' White Cord Fixture Attached MS/IB=360° or 180° Motion Sensor Installed, Outside Lamps Constant On ³ MS/OB=360° or 180° Motion Sensor Installed, Inner 2 Lamps Constant On (4L, 5L) ³ PC3-Voltage=3' Cord/Plug Fixture Attached ¹ PC6-Voltage=6' Cord/Plug Fixture Attached ¹ | | | PAL=Job Pack Out of Carton PALC=Job Pack In Carton U=Unit Pack | FH-1=Fixture Hook FL-1=Fixture Loop HB-SPM=Single Monopoint Hanger with Hub HBAYC-CHAIN/SET-U=(2) V-Hook Hangers, 36" Chain Sets with S-Hooks RH-1=Retrofit Hanger Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30', Requires 2 Per Fixture) | |

NOTES: 1. Voltage must be specified when ordered with plugs or emergency ballasts. 2. 2 Lamp ballast configuration only for T5 UNC versions. 3. Specify voltage of ballast as UNV (120V-277V), 347V or 480V.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.



F-BAY I5 SERIES

FEATURES

- Specification-grade, full-body housing end plates and socket tracks
- Narrow linear design for applications requiring T5 lamping
- Five-year, 55°C or three-year, 65°C ballast warranty
- Segmented optical design optimizes performance by 2 distributions
- Numerous shielding options available
- Standard 4' or 8' lengths
- Suspension-mount with optional wire hook and chain set
- F-Bay modular power supply available for quick power disconnect

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



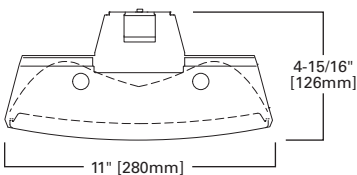
ORDERING INFORMATION

SAMPLE NUMBER: I5-354T5-UNV-EBT1-UPL-U

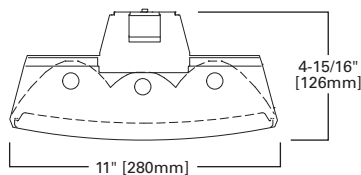
| Length | Series | Mounting Arrangement | Number of Lamps (Not Included) | Lamp Type | Distribution Optic |
|---|---|---|--|---|---|
| 8T=8' Length [Blank]=4' Length | I5=T5 Industrial | [Blank]=Stand Alone R=Continuous Row Mount (2" Row Coupler Included) | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 28T5=28W T5 Std (4') Lamps 47T5=47W T5 HO (4') Lamps (48') 49T5=49W T5HO (4') Lamps 51T5=51W T5HO (4') Lamps 54T5=54W T5HO (4') Lamps | [Blank]=Medium (Specular Aluminum) G=Wide (High Reflectance White) |
| Shielding Options | Voltage ² | Options | Ballast Type | Number of Ballasts | |
| [Blank]=Open ASY=Asymmetric Directional Louver ¹ CL=Clear Acrylic Lens and Door Frame FL=Frosted Acrylic Lens and Frame ¹ TBW=Thin White Baffle WG=Heavy Duty Wireguard | 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNC=Universal 347/480 Voltage ³ UNV=Universal 120/277 Voltage | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse I5 Lamps Installed⁴ L5830=T5 Lamp, 85CRI 3000K L5835=T5 Lamp, 85CRI 3500K L5841=T5 Lamp, 85CRI 4100K L5850=T5 Lamp, 85CRI 5000K | T5 Ballasts EBT=T5 or T5HO Linear Electronic Program Rapid Start Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ⁵ EHT=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. ⁶ | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options | Packaging | Accessories (Order Separately) | | | |
| MP=Modular Power Receptacle (Used for All Cord or Cord and Plug Options) ⁷ MS=360° or 180° motion sensor installed, 120V through 347V, or 480V ⁸ MWS=Modular Wiring System ^{9,10} NUA=No upright apertures in housing. (Cannot be Combined with UPL) PI/CP=Plug-In (1, 2 or 3) TILW=Tandem Inline Wiring UPL=Uplight Apertures | PAL=Palletized Out of Carton PALC=Palletized In Carton U=Unit Pack | AYC-CHAIN/SET/U=(2) Hooks, 36" Chain Sets with S-Hooks ¹¹ FH-1=Fixture Hook FL-1=Fixture Loop I5/I8-SPM=Single Monopoint Hanger with Hub LOOP=Loop Hanger, #2 Cable (Specify 10' or 30') MC6=6' Modular Power Cord MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector ⁹ MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) ⁷ MPC6=6' Modular Power Cord and Plug (Specify Voltage) RH-1=Retrofit Hanger SHK=Hook with Safety Screw TOGGLE=Single Toggle, #2 Cable (Specify 10' or 30') Door Frames (For Field Installation) 90800PPK=Thin White Blade Baffle (I5) 90801PPK=Asymmetrical Directional Louver (I5) I5-FRM/CL PK=Clear Acrylic Lens and Frame (I5) I5-FRM/LENS=Frosted Acrylic Lens and Frame (I5) WG/I5-4FT-B=Heavy Duty Wireguard (I5) | | | |

NOTES: 1. Use with wide distribution optic only. 2. Voltage must be specified when ordered with plugs, motion sensor or emergency ballasts. 3. 2 Lamp ballast configuration only for T5 UNC versions. 4. Must specify lamps when ordering. 5. EBT ballast systems suitable for operation in ambient environments up to 104°F (40°C). 6. EHT ballast systems suitable for ambient environments not to exceed 149°F (65°C) in open up light configurations and less lens option. 7. Requires use of MC or MPC cord accessories, specify voltage for plugs. 8. When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V. 9. For MWS with MP, choose MP in fixture logic and then choose MWS accessory such as MDS6. 10. Cannot be combined with Modular Power Receptacle (MP). 11. Not for use in gymnasiums or similar recreational facilities.

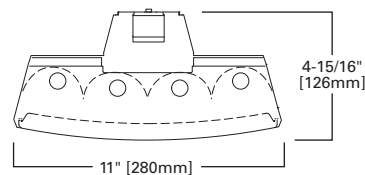
4' or 8', 2 OR 4T LAMPS



4' or 8', 3 OR 6T LAMPS



4' or 8', 4 OR 8T LAMPS



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

T8 LINEAR INDUSTRIAL



FEATURES

- Specification-grade, full-body housing end plates and socket tracks
- Narrow linear design for applications requiring T8 lamping
- Five-year, 55°C or three-year, 65°C ballast warranty
- Segmented optical design optimizes performance by two distributions
- Numerous shielding options available
- Standard 4' or 8' lengths
- Suspension-mount with optional wire hook and chain set
- F-Bay modular power supply available for quick power disconnect

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



F-BAY I8 SERIES

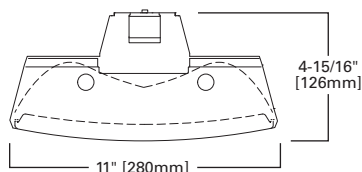
ORDERING INFORMATION

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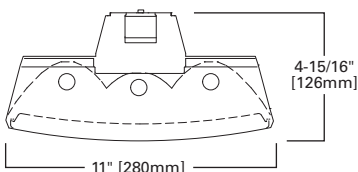
| Length | Series | Mounting Arrangement | Number of Lamps (Not Included) | Lamp Type | Distribution Optic | Shielding Options |
|--|---|--|-------------------------------------|-------------------------|--|---|
| 8T=8' Length [Blank]=4' Length | I8=T8 Industrial | [Blank]=Stand Alone R=Continuous Row Mount (2" Row Coupler Included) | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 32=32W T8 (4') Lamps | [Blank]=Medium (Specular Aluminum) G=Wide (High Reflectance White) | [Blank]=Open ASY=Asymmetric Directional Louver ¹ CL=Clear Acrylic Lens and Door Frame ¹ FL=Frosted Acrylic Lens and Frame ¹ TBW=Thin White Baffle WG=Heavy Duty Wireguard |
| Voltage ² | Options | Ballast Type | | | Number of Ballasts | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt 480V=480 Volt UNC=Universal 347/480 Voltage ³ UNV=Universal 120/277 Voltage | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse I8 Lamps Installed HL=Add HL at end of Lamp for High Lumen Lamps, T8 Only L8830=T8 Lamp, 85CRI 3000K L8835=T8 Lamp, 85CRI 3500K L8841=T8 Lamp, 85CRI 4100K L8850=T8 Lamp, 85CRI 5000K | T8 Ballasts ⁴ EB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8 /PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ⁵ ER8 /PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ⁵ | | | 1=1 Ballast 2=2 Ballast 3=3 Ballast | |
| Options | Packaging | Accessories (Order Separately) | | | | |
| MP=Modular Power Receptacle (Used for All Cord or Cord and Plug Options) ⁶ MS=360° or 180° Motion Sensor, 120 through 347, or 480V ⁷ MWS=Modular Wiring System ^{8,9} NUA=No Uplight Apertures In Housing (Cannot be Combined with UPL) PI/CPI=Plug-In (1, 2 or 3) TILW=Tandem Inline Wiring UPL=Uplight Apertures | PAL=Palletized Out of Carton PALC=Palletized In Carton U=Unit Pack | AYC-CHAIN/SET/U=(2) Hooks, 36" Chain Sets with S-Hooks ¹⁰ FH-1=Fixture Hook FL-1=Fixture Loop I5/I8-SPM=Single Monopoint Hanger with Hub LOOP=Loop Hanger, #2 Cable (Specify 10' or 30') MC6=6' Modular Power Cord MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector ⁸ MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) ⁶ MPC6=6' Modular Power Cord and Plug (Specify Voltage) RH-1=Retrofit Hanger SHK=Hook with Safety Screw TOGGLE=Single Toggle, #2 Cable (Specify 10' or 30') Door Frames (For Field Installation) BAFFLE 4FT I8=Thin White Blade Baffle (I8) I8-FRM/CL PK=Clear Acrylic Lens and Frame (I8) I8-FRM/FL PK=Frosted Acrylic Lens and Frame (I8) WG/I8-4FT-B=Heavy Duty Wireguard (I8) | | | | |

NOTES: 1. Use with wide distribution optic only. 2. Voltage must be specified when ordered with plugs, motion sensor or emergency ballasts. 3. 2/3 lamp ballast configuration in EB8/PLUS for T8 UNC version. 4. ER8 and EB8 ballast systems suitable for operation in ambient environments up to 122°F (50°C) in open upright configurations. 5. Recommended when using motion sensor options or accessories. 6. Requires use of MC or MPC cord accessories, specify voltage for plugs. 7. When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V. 8. For MWS with MP, choose MP in fixture logic and then choose MWS accessory such as MDS6. 9. Cannot be combined with Modular Power Receptacle (MP). 10. Not for use in gymnasiums or similar recreational facilities.

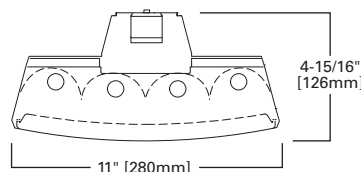
4' or 8', 2 LAMPS



4' or 8', 3 LAMPS



4' or 8', 4 LAMPS



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Available in one- or two-lamp version, using T5 or T8 lamps
- Specular Miro® 4 reflectors for precise light control
- Three optical distribution patterns available
- White enamel finish improves efficiency and protects from corrosion
- Easily suspended and adjusted using various cable-mounting methods
- Ideal for continuous row-mounting in narrow-aisle applications
- Occupancy sensor instantly turn lights on and off
- Flip-up socket feature for faster installation out of the box
- Optional pre-wire multiple circuit plug-in connectors



**F-BAY MBF
MICRO-BAY
SERIES**

DIMENSIONS
4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

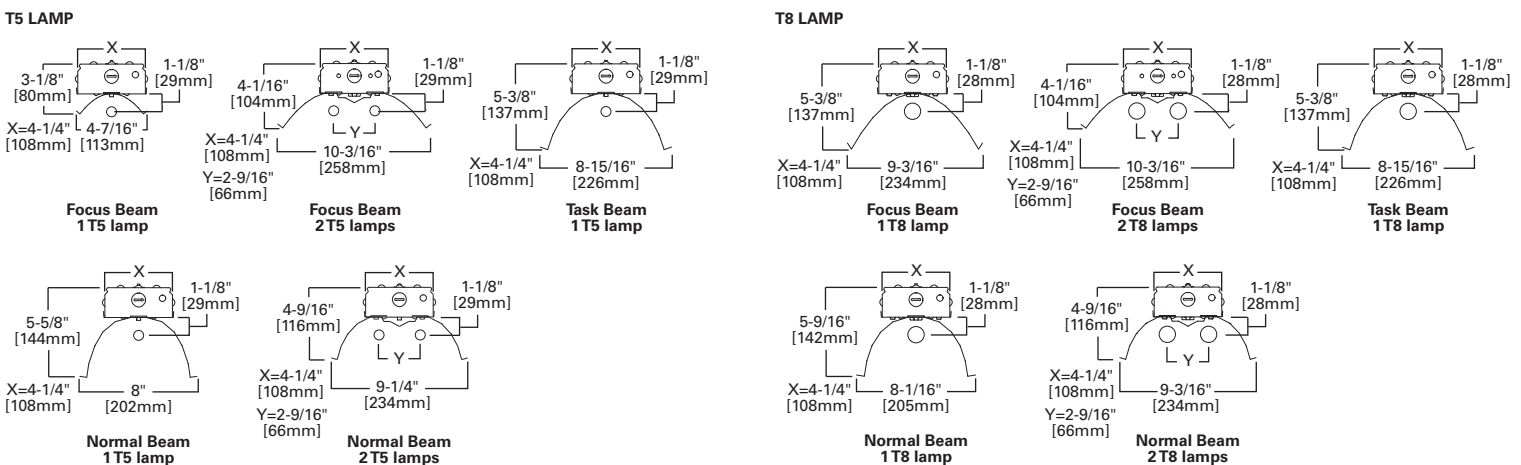


ORDERING INFORMATION

SAMPLE NUMBER: MBF-132-NB-UNV-EB81-U

| Tandem | Series | Number of Lamps (Not Included) | Lamp Types | Reflector | Voltage ¹ | Options |
|---|---------------|--|---|---|--|--|
| 8T=8' Length [Blank]=4' Length | MBF=Micro-Bay | 1=1 Lamp 2=2 Lamps | 32=32W T8 (48") 47T5=47W T5HO (48") 49T5=49W T5HO (48") 51T5=51W T5HO (48") 54T5=54W T5HO (48") | FB=Focus Beam NB=Normal Beam TB=Task Beam (Medium-1 Lamp Only) | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal 347/480 Voltage ² UNV=Universal 120/277 Voltage | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | | | Number of Ballasts | Options | |
| T5 Ballasts EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 EHT=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. T8 Ballasts³ EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8 /PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ⁴ | | | | 1=1 Ballast 2=2 Ballasts | C3=3' Power Cord C6=6' Power Cord PC3=3' Power Cord and Plug (Specify Voltage) ¹ PC6=6' Power Cord and Plug (Specify Voltage) ¹ PI/CPI=Plug-In (1, 2 or 3) | |
| Packaging | | Accessories (Order Separately) | | | | |
| U=Unit Pack | | ATG-SSF-4-U=Tong Hanger AYC-CHAIN/SET/U=(2) Hooks, 36" Chain Sets with S-Hooks MBF-SENSOR-KIT-CTR/MT-U=Aisle Coverage Motion Sensor, Center Mount Hardware, 120/277V ^{1,5} MBF-SENSOR-KIT-END/MT-U=Aisle Coverage Motion Sensor, End Mount Hardware, 120/277V ^{1,5} SSF-EXT-LONG-CONN-KIT-U=Rigid Connector Support for Continuous Channel Installation TOGGLE=Single Toggle, #2 Cable (Specify 10' or 30') Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30') ⁶ | | | | |

NOTES: 1. Voltage must be specified when ordered with plugs, motion sensor or emergency ballasts. 2. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 3. ER8 and EB8 ballast systems suitable for operation in ambient environments up to 50°C. 4. Recommended when using motion sensor options or accessories. 5. Must ship separately. 6. Use with continuous row mount at fixture joint only.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

VAPORTITE INDUSTRIAL



FEATURES

- Ideal for cold-storage applications
- LEDs available in 3500K or 4000K with 85 CRI
- Wet-location rated
- Narrow and wide distributions
- 2' and 4' housings
- Modular design with quick disconnects
- 0-10V dimming driver is standard

DIMENSIONS

2', 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed, UL Listed - Wet Location, IP65 Rated

VAPORTITE LED SERIES



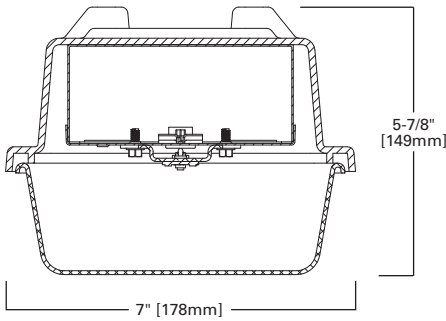
ORDERING INFORMATION

SAMPLE NUMBER: VT-58DR-UNV-L835-CD2-WL-U

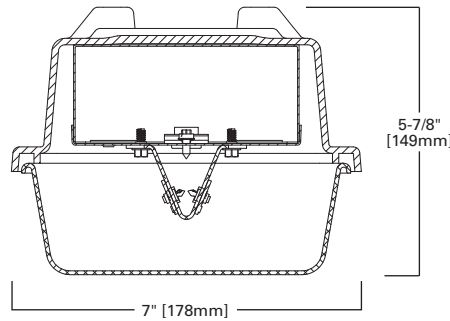
| Series | LED Lumens Output | Lens | Distribution | Voltage | Lamps | Driver Type | Number of Drivers |
|-------------------------------|--|--|--|--|--|---------------------------------|---|
| VT=Vaportite | 2' Housing 27=2700 Lumens ¹ 30=3000 Lumens 4' Housing 55=5500 Lumens ¹ 58=5800 Lumens | DR =Internal Prismatic Lens/15% DR High Impact Additive (Standard) DR-100% =100% High Impact Additive | [Blank] =Narrow Standard W =Wide Distribution | UNV =Universal Voltage 120-277 | L835 =3500K L840 =4000K | CD =0-10V Dimming Driver | 1 =1 Driver 2 =2 Drivers |
| Wet Location | | Options | Packaging | Accessories (Order Separately) | | | |
| WL =Wet Location Label | | SSL =Stainless Steel Latches | U =Unit Pack | VT2-Chain/Set-U =Chain Hanging Set (Order One Kit for Each 2' or 4' Fixture, Two Kits for Each 8' Fixture) VT2-SS-MBK =Stainless Steel Mounting Bracket | | | |

NOTES: 1. Only available in Wide Distribution.

NARROW DISTRIBUTION



WIDE DISTRIBUTION



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Enclosed Vaportite® high bay for food processing and demanding areas
- Polyester fiberglass housing UL94 and UL746 5VA flammability rated
- Rotolock lampholders and CBM/ETL Class P certified to 70°C
- High-impact, clear acrylic or optional 100% polycarbonate lens
- IP65 and IP67 certified; NSF listed and NEMA 4X rated
- Internal specular aluminum reflector
- Electrical components and fixtures are UL/cUL listed for wet location
- Two stainless mounting bails or optional Y-hook cable mount
- Water-tight hubs for 1/2" conduit entry provided at end of housing

DIMENSIONS

4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Wet Location, IP65 Rated, IP67 Rated, NSF Certified, NEMA 4X Rated



VT4 SERIES



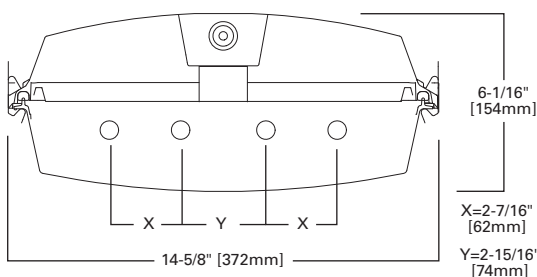
ORDERING INFORMATION

SAMPLE NUMBER: VT4-654T5-M-DR-UNC-EHT2-WL-U

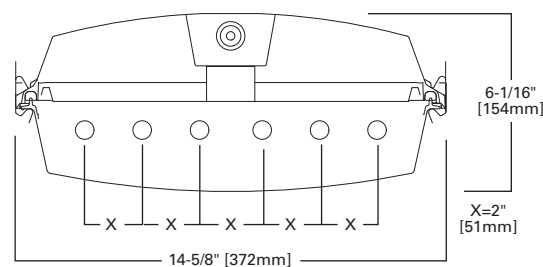
| Series | Number of Lamps (Not Included) | Wattage (Length) | Distribution | Lens | Voltage ¹ |
|---|--|---|---|--|--|
| VT4=Vaportite 4 or 6 Lamp | 4=4 Lamps 6=6 Lamps | 32=32W T8 (48") 47T5=47W T5HO (48") 49T5=49W T5HO Lamps (48") 51T5=51W T5HO Lamps (48") 54T5=54W T5HO (48") | M=Medium Beam W=Wide Beam (White) | DR=Clear Acrylic High Impact (Standard) PC=Polycarbonate, Clear | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal Voltage 347/480 ² UNV=Universal Voltage 120/277 |
| Options | | Ballast Type | | Number of Ballasts | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | | T5 Ballasts EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. ³ T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Label | Options | Packaging | Accessories (Order Separately) | | |
| WL=Wet Label | [Blank]=(2) End Watertite Hubs (All Watertite Hubs have 1/2" Conduit Entry) C3=3' Power Cord C6=6' Power Cord MS=360° or 180° Motion Sensor, Damp Location ^{4,5} MS/WL=180° Motion Sensor, Wet Location ^{6,7} MSO/WL=360° Motion Sensor, Wet Location ^{6,7} PC3=3' Power Cord and Plug (Specify Voltage) ¹ PC6=6' Power Cord and Plug (Specify Voltage) ¹ VRS=Vandal Resistant Screws for Latches | U=Unit Pack | VT4-SS-SM=(2) Stainless Steel Surface Mounting Bracket Y-TOGGLE=Y Mounting Toggle, #2 Cable (Specify 10' or 30') | | |

NOTES: 1. Voltage must be specified when ordered with plugs or emergency ballasts. 2. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 UNC versions. 3. For ambient greater than 40°C (102°F) EHT3 is recommended for 654T5 configuration. 4. When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V. 5. Must specify DL when ordering MS option. 6. Must specify voltage. 7. Must specify WL when ordering MS/WL or MSO/WL.

4', 4 LAMP



4', 6 LAMP



VAPORTITE INDUSTRIAL



FEATURES

- Maximum operation in commercial and industrial environments
- Polyester and self-extinguishing (ASTM-D635-74) plastic
- Ballasts are CBM/ETL Class P certified suitable to 70°F
- New contemporary-styled, clear acrylic, impact-resistant lens
- Rotolock electrical components and fixture UL/cUL listed
- IP65 certified and NSF listed, IP67 (4' only) with eight latches
- Optional chain mount hanging set or snap-on brackets
- Surface-mount fixture using two galvanized brackets
- Internal fasteners and tethers provide maximum protection and rigidity

DIMENSIONS

4', 8'

VT3 SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

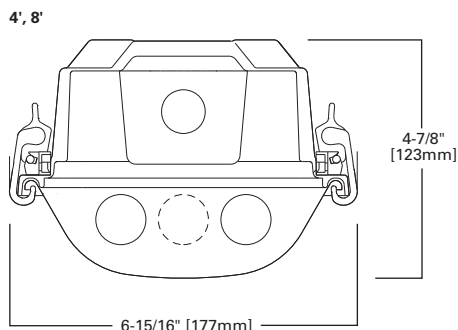
COMPLIANCES: UL/cUL Listed - Wet Location, IP65 Rated, IP67 Rated

ORDERING INFORMATION

SAMPLE NUMBER: VT3-232DR-UNV-EB81-WL-U

| Tandem | Series | Number of Lamps (Not Included) ¹ | Wattage (Length) | Lens | Voltage ² |
|---|---|--|--|--|---|
| 8T=8' Length [Blank]=4' Length | VT3=Vaporite (Gasketed Enclosure) | 1=1 Lamp 2=2 Lamps 3=3 Lamps (Not Included) | 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO (48") ¹ | DR=Internal Prismatic Lens/15% DR High Impact Additive (Standard) DR-100=100% High Impact Additive (Extreme) DR-50=50% High Impact Additive | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal 347/480 Voltage ³ UNV=Universal Voltage 120/277V |
| Options | Ballast Type | | | Number of Ballasts | Label |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. ⁴ T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ⁵ ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ⁵ | | | 1=1 Ballast 2=2 Ballasts | DL=Damp Location WL=Wet Location Label ⁶ |
| Options | Packaging | Accessories (Order Separately) | | | |
| 8L=8 Latches (IP67 Rating), (4' Only) BKS=(2) Snap-on Brackets for Chain or Surface Mount M4=Specular Reflector MS=360° or 180° Motion Sensor, Damp Location ^{7,8} MS/WL=180° Motion Sensor, Wet Location ^{9,6} MSO/WL=360° Motion Sensor, Wet Location ^{9,6} SSL=Stainless Steel Latches TEH=(2) Top and (2) End Watertite Hubs (All Watertite Hubs Have 1/2" Conduit Entry) ¹⁰ TH=(2) Top Watertite Hubs ¹⁰ VRS=Vandal Resistant Screws for Latches | PALC=Job Pack, in carton U=Unit Pack | VT2 Stem Bushing=1/2" - 3/8" (Required When Using Stem/Sets, Requires (1) Per (Stem/Set) VT2-Chain/Set-U=Chain Hanging Set Includes 6 Foot of chain, 4 Large S-Hooks and 4 Small S-Hooks. ¹¹ VT2-SS-MBK=Stainless Steel Mounting Brackets. ¹¹ VT3-4FT-M4 PK=4' Specular Interior Reflector Pack for VT3 (Stock Product) VT3-BKS2-PK=(2) Snap-on Brackets for Surface or Chain Mount. Adjustable along length of Fixture. | | | |

NOTES: 1. EHT2 ballasts are recommended for ambient temperatures above 102°F (40°C) 3 Lamp 54W T5HO configuration. 2. Voltage must be specified when ordered with plugs, motion sensor or emergency ballasts.
 3. 2 lamp ballast configurations only for T5 UNC versions. 2/3 lamp ballast configurations in EB8/PLUS only for T8 versions. 4. Use EHT1 ballast in ambient temperatures below 0°F (-18°C) on 3 Lamp 54W T5HO configurations. 5. Recommended when using motion sensor options or accessories. 6. Must specify WL when ordering MS/WL or MSO/WL. 7. When ordering MS option, specify UNV (for 120 or 277V), 347 or 480V.
 8. Must specify DL when ordering MS option. 9. Must specify voltage. 10. Top Hub required when stem mounting. 11. Order one (1) kit for 4 Foot fixture, or two (2) kits for 8 Foot fixture.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Designed for commercial, institutional and industrial environments
- Fiberglass housing is self-extinguishing (ASTM-D635-74) plastic
- Ballasts are CBM/ETL Class P certified to 70°C
- Optional clear injection-molded internal prism lens
- Full-metal gear tray secured by internal fasteners
- Electrical components and fixtures are IP65 certified and NSF listed
- Two stainless steel brackets with chain-mount bail
- Adjustable brackets along fixture length for variable mounting centers

DIMENSIONS

4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Wet Location, IP65 Rated, NSF Certified



VT1 SERIES



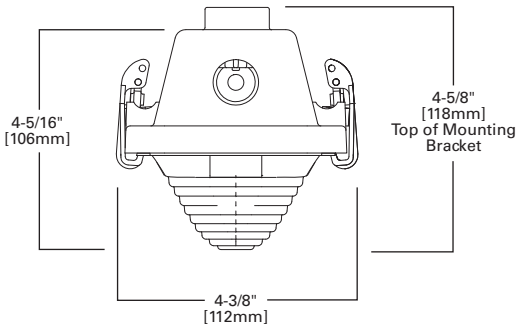
ORDERING INFORMATION

SAMPLE NUMBER: VT1-154T5-PCR-UNV-EBT1-WL-U

| Series | Number of Lamps (Not Included) | Wattage (Length) | Lens | Voltage ¹ | Options |
|--|--------------------------------|--|--|---|--|
| VT1=Vaportite | 1=1 Lamp | 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO Lamps (48") | PCR=Lineal Ribs Polycarbonate (Standard) | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNC=Universal Voltage 347/480 UNV=Universal Voltage 120-277 | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | | Number of Ballasts | Label | Options |
| T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 EHT_=T5HO Linear Electronic Program Rapid Start High Ambient. Total Harmonic Distortion < 10%. T8 Ballasts EB8_= T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_= T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 | | | 1=1 Ballast | WL=Wet Label | [Blank]=(2) End Watertite Hubs (All Watertite Hubs have 1/2" Conduit Entry) C3=3' Power Cord C6=6' Power Cord PC3=3' Power Cord and Plug (Specify Voltage) ¹ PC6=6' Power Cord and Plug (Specify Voltage) ¹ SSL=Stainless Steel Latches VRS=Vandal Resistant Screws for Latches |
| Packaging | | Accessories (Order Separately) | | | |
| U=Unit Pack | | VT2-CHAIN/SET-U=Chain Hanging Set Includes 6 Foot of Chain, 4 Large S-Hooks and 4 Small S-Hooks. Order One (1) Kit for Each 4' Fixture | | | |

NOTES: 1. Voltage must be specified when ordered with plugs or emergency ballasts.

4', 1 LAMP



INDUSTRIALS T5, T8, T5HO



FEATURES

- Heavy-duty, apertured or closed-top reflector
- Apertured reflector standard with 8% uplight
- Flip-up socket feature for faster installation
- Die-formed channel with baked-white enamel finish
- Pressure lock or spring-loaded lampholders
- Wire guards available for special application
- Silver-lining reflector finish available
- Tandem 8' lengths
- Lamps not included with either IAF or ICF series

DIMENSIONS

4', 8'

IAF, ICF SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

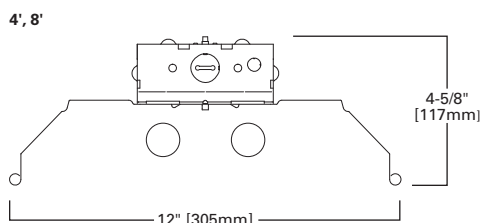
COMPLIANCES: UL/cUL Listed - Damp Location

ORDERING INFORMATION

SAMPLE NUMBER: ICF-232-UNV-HB81-U

| Tandem | Series | SilverLining | Number of Lamps (Not Included) | Wattage | Voltage ² | |
|---|---|---|------------------------------------|---|--|--|
| 8T=8' Length [Blank]=4' Length | IAF=Apertured Reflector ICF=Closed Top Reflector | [Blank]=White (Standard) SS=Silver-Lining Reflector ⁸ | 1=1 Lamp 2=2 Lamps 3=3 Lamps | 17=17W T8 (24") 28T5=28W T5 (48") 28T8=28W T8 (48") ⁷ 32=32W T8 (48") 40=40W T12 (48") | 48HO=60W T12HO (48") 48T8HO=44W T8HO (48") 54T5=54W T5HO (48") 96=59W T8SL (96") 96HO=95/110W T12HO (96") 96T8HO=86W T8HO (96") | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ¹ |
| Options ³ | Ballast Type | | | Number of Ballasts | | |
| EL4=Emergency Installed EL5=Emergency Installed EL5HO=Emergency Installed for T5HO EL8=Emergency Installed GL=Single Element Fuse GM=Double Element Fuse | T5 Ballasts EBT_T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ¹¹ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ¹² EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹³ T8 Ballasts EB8_T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 High Performance T8 Ballasts HB8_T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79 T12 Ballasts EB2_T12 Electronic Rapid Start. Total Harmonic Distortion < 20%. | | | 1=1 Ballast 2=2 Ballasts | | |
| Options | Accessories (Order Separately) | | | | | |
| PI/CPI=Plug-In Option RIF1=Radio Interference Suppressor TILW=Tandem In-Line Wiring Option (Consult TILW Options Catalog Page) ^{3,9} WG/IC-4FT-U (IAF, ICF)=Wireguard for IAF/ICF SNF Options 6-3/18 SJT-C&P 515P=Cord and Plug (120V) (15 AMP) ^{9,10} 6-3/18 SJT-C&P-L715P=Cord and Plug (277V) (15 AMP) ^{1,4,9} | A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" From Ceiling (Use 2 Per Fixture) AYC-Chain/Set-U=Chain Hanger Set (Use 1 Set Per Fixture) CLC-SSF=Long Channel Connector SSF GRP-SSF=Gripper Hanger (Use 2 Per Fixture) SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) TOGGLE=Single Toggle Number 2 (Specify Length) WG/ICF-4FT-U=Wire Guard Y-TOGGLE=Y Toggle Number 2 (Specify Length) | | | | | |

NOTES: 1. Not available when specifying emergencies, voltage must be specified. Exception EL4. 2. Products also available in non-US voltage and frequencies for international markets. 3. See Options or Accessories.
 4. 1-Lamp ballast in a High Ballast factor not available. 5. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 6. 1 Lamp step dimming ballast in normal ballast factor not available. 2-lamp ballast will not operate 1 lamp. 7. HPT8 Ballast required with 28W T8 lamps. 8. Not available with HO lamps. 9. Socket brackets left uninstalled. 10. Not available when specifying emergencies, voltage must be specified. 11. 1-Lamp ballast in a High Ballast factor not available. 12. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 13. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Equipped with energy-saving ballasts
- Die-formed channels
- Heavy-duty, apertured or closed-top reflector
- Pressure-lock lampholders (RS), spring loaded lampholders (SL, HO)
- Deep-draw, full-width reflector ribs add rigidity
- Baked white enamel finish
- Apertured reflector standard with 6% uplight
- Porlux and silver-lined finishes
- Also available in tandem 8' lengths

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



DIF SERIES



ORDERING INFORMATION

SAMPLE NUMBER: DIF-232-UNV-EB81-U

| Tandem | Series | Silver Reflector | Number of Lamps (Not Included) | Wattage (Length) | Voltage | Options |
|-----------------------------------|--|--|--------------------------------|--|--|---|
| 8T=8' Length [Blank]=4' Length | DCIF=Closed Top Reflector DIF=Apertured Reflector | SS=SilverLining Reflector ¹ | 2=2 Lamps | 28T5=28W T5 (48") 28T8=28W T8 (48") 32=32W T8 (48") 48HO=44W T8 (48") HO 54T5=54W T5HO (48") 96=59W T8 SL (96") 96HO=86W T8 (96") HO | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |

Ballast Type

T5 Ballasts

EBT=T5 or T5HO Linear Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

Ballast/Factor Type (T5)

EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15²

EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor = 1.15³

EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor .90

EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor .95-1.0⁴

T8 Ballasts

EB8=T8 Electronic Instant Start, Total Harmonic Distortion < 10%.

EB8_PLUS=T8 Electronic Instant Start, Total Harmonic Distortion < 10%. High Ballast Factor > 1.15

ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

ER8_PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15

High Performance T8 Ballasts

HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88

HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20

HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82

HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0

HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88

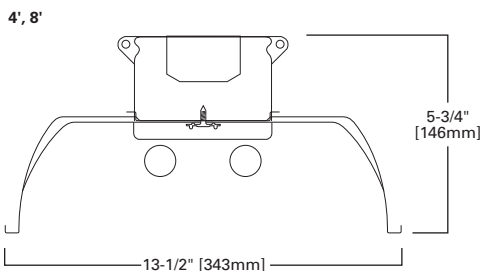
HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88

HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20

HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

| Number of Ballasts | Options | Accessories (Order Separately) |
|---|---|---|
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | 6-3/18 SJT-C&P-515P=Cord and Plug (120V) 6-3/18 SJT-C&PL715P=Cord and Plug (277V) PI/CPI=Plug-in Option POX=Porlux Finish RIF1=Radio Interference Suppressor TILW=Tandem in line wiring Option (Consult TILW Option Catalog Page). | A1B/SPACER-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) ATG-DIF-4-U=Tong Hanger (Use 2 Per Fixture) AYC-CHAIN/SET-U=Chain Hanger Set (Use 1 Set Per Fixture) DIF CLOSED END PLATE=Closed End Plate DIF2 LONG CONN (PREPAINTED)=Long Connector GYM GUARD, GG-DIF=Wire Gym Guard MECL-DIF/SL-48-U=Metal Egg Crate Louver MECL-DIF/SL-96-U=Metal Egg Crate Louver SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) WG/DIF4FT-U=Wire Guard |

NOTES: 1. Silver lining not available on fixtures with HO. 2. 1-Lamp ballast in a High Ballast factor not available. 3. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 4. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

T8 INDUSTRIAL



FEATURES

- Equipped with energy-saving ballasts
- Die-formed channels
- Heavy-duty, apertured (DMF) or closed-top (DCMF) reflector
- Deep-draw, full-width reflector ribs add rigidity
- Metal-clad lampholders with spring-loaded sockets
- Apertured reflector standard with uplight
- Baked white enamel finish
- Porlux and silver-lined finishes
- Wire guards, gym guards, lens frames and metal louvers

DIMENSIONS

4', 8'

DMF SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

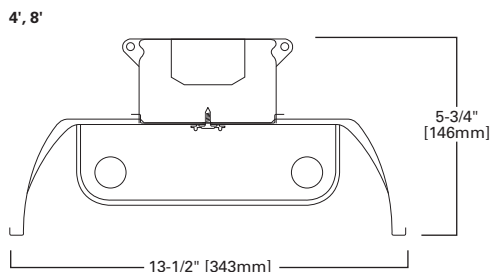
COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

ORDERING INFORMATION

SAMPLE NUMBER: DMF-232-UNV-EB81-U

| Tandem | Series | Lamp Spacing | Silver Reflector | Number of Lamps (Not Included) | Wattage (Length) | Voltage |
|---|--|--|--|-------------------------------------|--|---|
| [Blank]=4' Length T8=8' Length | DCMF=Closed Top Reflector DMF=Apertured Reflector | [Blank]=Standard Spacing N=Narrow Spacing for 2 Lamps Only (10% uplight) | SS=SilverLining Reflector ¹ | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 28T8=28W T8 (48") 32=32W T8 (48") 48HO=44W T8 (48") HO 96=59W T8 SL (96") 96HO=86W T8 (96") HO | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 |
| Options | | Ballast Type | | | Number of Ballasts | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | | T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options | | Packaging | Accessories (Order Separately) | | | |
| 6-3/18 SJT-C&P-515P=Cord and Plug (120V) 6-3/18 SJT-C&PL715P=Cord and Plug (277V) PI/CP1=Plug-In Option POX=Porlux Finish RIF1=Radio Interference Suppressor TILW=Tandem In-Line Wiring Option | | 4B=4 Bulk U=Unit Pack | A-1-B/SPACER-B=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) ATG-DIF-4-U=Tong Hanger (Use 2 Per Fixture) AYC-CHAIN/SET-U=(2) V-Hook Hangers, 36" Chain Sets with S Hooks DIF CLOSED END PLATE=Closed End Plate DIF2 LONG CONN (PREPAINTED)=Long Connector GYM GUARD, GG-DIF=Wire Gym Guard MECL-DIF/RS-49-3/4-U=Metal Egg Crate Louver MECL-DIF/RS-99-1/2-U=Metal Egg Crate Louver MECL-DIF/SL-48-U=Metal Egg Crate Louver MECL-DIF/SL-96-U=Metal Egg Crate Louver SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) WG/DIF4FT-U=Wire Guard WG/PA-4FT=Wire Gym Guard with Acrylic Lens | | | |

NOTES: 1. Silver lining not available on fixtures with HO.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Equipped with energy-saving ballasts
- Die-formed channels
- Heavy-duty, deep-draw, full-width reflector ribs add rigidity
- Baked white enamel finish
- Metal-clad lampholders with spring-loaded sockets
- Porlux and silver-lined finishes
- Apertured or closed-top reflector with Center "V" helps reduce glare
- Wire guards, gym guards, lens frames and metal louvers

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



DVMF SERIES

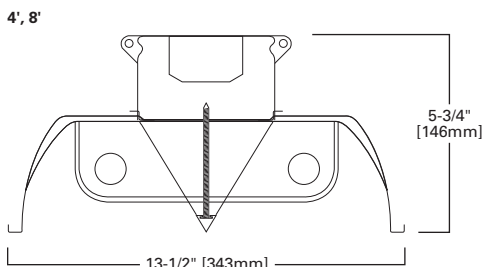


ORDERING INFORMATION

SAMPLE NUMBER: DVMF-232-UNV-EB81-U

| Tandem | Series | Silver Reflector | Number of Lamps (Not Included) | Wattage (Length) | Voltage | Options |
|--|--|--|--------------------------------|--|---|---|
| 8T=8' Length [Blank]=4' Length | DCVMF=Closed Top Reflector DVMF=Apertured Reflector | SS=SilverLining Reflector ¹ | 2=2 Lamps | 28T8=28W T8 (48") 32=32W T8 (48") 48HO=48W T8 (48") HO ² 96=59W T8 SL (96") 96=60/75W T12 SL (96") 96HO=86W T8 (96") HO | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | | | Number of Ballasts | Options | |
| T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | 6-3/18 SJT-C&P-515P=Cord and Plug (120V) 6-3/18 SJT-C&PL715P=Cord and Plug (277V) PI/CPI=Plug-in Option POX=Porlux Finish RIF1=Radio Interference Suppressor TILW=Tandem In-Line Wiring Option | |
| Packaging | Accessories (Order Separately) | | | | | |
| 4B=4 Bulk U=Unit Pack | A-1-B/SPACER-B=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) ATG-DIF-4-U=Tong Hanger (Use 2 Per Fixture) AYC-CHAIN/SET-U=(2) V-Hook Hangers, 36" Chain Sets with S Hooks DIF CLOSED END PLATE=Closed End Plate DIF2 LONG CONN (PREPAINTED)=Long Connector GYM GUARD, GG-DIF=Wire Gym Guard MECL-DIF/RS-49-3/4-U=Metal Egg Crate Louver MECL-DIF/RS-99-1/2-U=Metal Egg Crate Louver MECL-DIF/SL-48-U=Metal Egg Crate Louver MECL-DIF/SL-96-U=Metal Egg Crate Louver | | | SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) WG/DIF4FT-U=Wire Guard WG/PA-4FT=Wire Gym Guard with Acrylic Lens | | |

NOTES: 1. Silver lining not available on fixtures with HO. 2. For use with EB2_ Ballasts.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

OPTICAHP HIGH PERFORMANCE ENERGY SAVINGS T8 PARABOLIC



FEATURES

- High-performance T8 system for maximum energy savings
- Die-formed nominal 4-3/4" deep para-contoured housing
- High-reflectance matte finish maximizes efficiency and performance
- 2" nominal precision-cell, straight-blade faceted, steel louver
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Provided with CEE-listed, energy-saving ballasts
- 97% reflective white optics material available
- Rotor-lock lampholders and end plate grid-lock features
- Commercial, school, hospital or retail merchandising areas

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

OPTICAHP SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, IC Rated, City of Chicago Approved

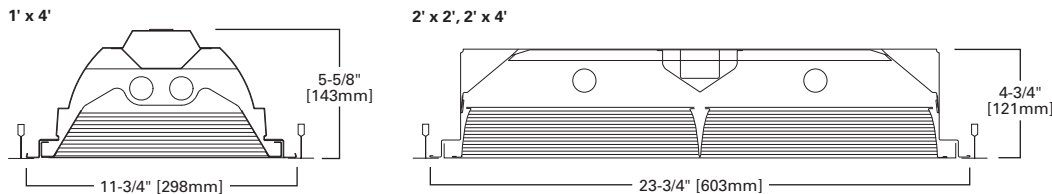


ORDERING INFORMATION

SAMPLE NUMBER: 2OPG-232FB26W-UNV-HB81L-U

| Rating | Width | Series | Trim Type | White Optics | Type | Number of Lamps (Not Included) |
|---|--|--|--|--|--|------------------------------------|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | 2=2' Width [Blank]=1' Width | OP=Optica HP Series | F=Aluminum Flange Trim ¹ G=Concealed-T/Slot Grid ² G=Grid/Lay-in (Standard) MZ=Modular Trim | WO=97% Reflective White Optics Finish | IC=IC Rated | 1=1 Lamp ³ 2=2 Lamps |
| Wattage (Length) | Cross Blade | Cell Configuration | Louver Finish | Option - Aluminum Flange Trim ¹ | Voltage ⁴ | |
| 17=17W T8 (24") 28T8=28W T8 (48") 32=32W T8 (48") U1-5/8=31W T8 (24") | FB=Faceted Blade | 16=1 Rows of 6, 6 Cell (1' x 4') 23=2 Rows of 3, 6 Cell (2' x 2') 26=2 Rows of 6, 12 Cell (2' x 4') | W=Matte White | [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁵ | |
| Options | | Ballast Type | | | | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) ⁶ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | | T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79 | | | | |
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) | | | |
| 1=1 Ballast 2=2 Ballasts | R=Internal Reflector (Not available for U1-5/8 Lamp) | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁷ | | | |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 3. 1' x 4' only. 4. Products also available in non-US voltage and frequencies for international markets. 5. Not available when specifying emergencies, voltage must be specified. 6. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 7. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- High-performance T8 system for maximum energy savings
- Die-formed nominal 4-3/4" deep para-contoured housing
- Computer-designed, 2" tall precision-cell parabolic louver
- Louvers available in white or silver semi-specular finish
- High-reflectance finish maximizes efficiency and performance
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Positively secured Class P ballast
- 97% reflective white optics material available
- Rotor-lock lampholders, end plate grid-lock and air supply options

DIMENSIONS

2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, IC Rated, City of Chicago Approved



2HP2 SERIES

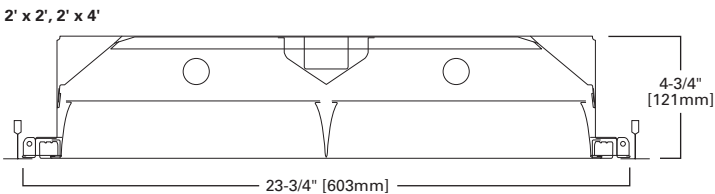


ORDERING INFORMATION

SAMPLE NUMBER: 2HP2GX-232W26P-UNV-HB81-U

| Rating | Heat Removal ¹ | Width | Series | Trim Type ² | Air Supply | White Optics | Type |
|---|---|--|--|--|---|---------------------------------------|-------------|
| [Blank]=Standard ATW-SW4=Chicago Rated | HR=Heat Removal ¹ | 2=2' Width | HP2=High Performance 2" Parallax Louver | F=Aluminum Flange Trim ⁴ G=Concealed-T/Slot Grid ³ G=Grid/Lay-in (Standard) MZ=Modular Trim | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/Floating Louver - Non Air Supply | WO=97% Reflective White Optics Finish | IC=IC Rated |
| Number of Lamps (Not Included) | Wattage | Louver Color | Cell Configuration | Louver Finish | Option - Aluminum Flange Trim ⁴ | | |
| 2=2 Lamps 3=3 Lamps ⁹ | 17=17W T8 (24") 28T8=28W T8 (48") 32=32W T8 (48") U1-5/8=31W T8 (24") | S=Silver W=White | 23=2 Rows of 3, 6 Cell (2' x 2') 26=2 Rows of 6, 12 Cell (2' x 4') 33=3 Rows of 3, 9 Cell (2' x 2') 36=3 Rows of 6, 18 Cell (2' x 4') | I=Semi-Specular/Haze (Low Iridescent) Standard (Silver Only) P=Painted White (Standard) | [Blank]=SW (Single White) EN=End of Row Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | | |
| Voltage ⁵ | Options | Ballast Type | | | | | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁷ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering) WTR=White Reveal | High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | | | |
| Options | Packaging | Accessories (Order Separately) | | | | | |
| REP=Riveted End Plates RIF1=Radio Interference Suppressor | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ² | | | | | |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 3. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 4. Specify row configuration, type in catalog number when ordering complete fixtures. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 8. 2' x 4' only. 9. Standard off-center ballast on 3-lamp fixtures.



PARALUX III HIGH PERFORMANCE T8 PARABOLIC



FEATURES

- High-performance T8 system for maximum energy savings
- Die-formed nominal 4-3/4" deep para-contoured housing
- Housing features die-formed stiffeners for added rigidity
- Louvers available in white or silver semi-specular finish
- 3" nominal precision-cell, parabolic, high-performance louver
- High-reflectance finish maximizes efficiency and performance
- 97% reflective white optics material available
- Positively secured Class P ballast
- Rotolock lampholders, end plate grid-lock and air supply options

DIMENSIONS

2' x 2', 2' x 4'

2HP3 SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, IC Rated, City of Chicago Approved



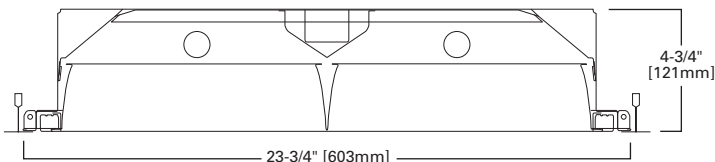
ORDERING INFORMATION

SAMPLE NUMBER: 2HP3GX-332W36P-UNV-HB81-U

| Rating | Heat Removal ¹ | Width | Series | Trim Type | Air Supply | White Optics | Type | Number of Lamps (Not Included) |
|---|--|--|---|--|---|---------------------------------------|-------------|-------------------------------------|
| [Blank]=Standard ATW-SW4=Chicago Rated | HR=Heat Removal ¹ | 2=2' Width | HP3=High Performance 3" Parallax Louver | F=Aluminum Flange Trim ² G=Concealed-T/Slot Grid ³ G=Grid/Lay-in (Standard) MZ=Modular Trim | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/ Floating Louver - Non Air Supply | WO=97% Reflective White Optics Finish | IC=IC Rated | 2=2 Lamps 3=3 Lamps ⁴ |
| Wattage | Louver Color | Cell Configuration | Louver Finish | Option - Aluminum Flange Trim ² | Voltage ⁵ | | | |
| 17=17W T8 (24") 28T8=28W T8 (48") 32=32W T8 (48") U15/8=31W T8 (24") | S=Silver W=White | 23=2 Rows of 3, 6 Cell (2' x 2') 26=2 Rows of 6, 12 Cell (2' x 4') 33=3 Rows of 3, 9 Cell (2' x 2', 2024) 36=3 Rows of 6, 18 Cell (2' x 4') | I=Semi-Specular/Haze (Low Iridescent) (Silver Only) P=Painted White (Standard) | [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | | | |
| Options | | | | Ballast Type | | | | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁷ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal Lamps Installed [Blank]=No Lamps Installed L8835=T8 Lamp, 28W and 32W, 3500K L8835HL=T8 Lamp, 32W 3500K, 3100 Lumens L8841=T8 Lamp, 28W and 32W, 4100K L8841HL=T8 Lamp, 32W 4100K, 3100 Lumens | | | | High Performance T8 Ballasts HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | | |
| Number of Ballasts | Options | | | Packaging | Accessories (Order Separately) | | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts ⁹ | REP=Riveted End Plates RIF1=Radio Interference Suppressor | | | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁹ | | | |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. Specify row configuration, type in catalog number when ordering complete fixtures. 3. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 4. Standard off-center ballast on 3-lamp fixtures. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 8. 2' x 4' only. 9. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture.

2' x 2', 2' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Provided with CEE-listed energy-saving ballasts
- Computer-designed, 3" nominal precision-cell parabolic louver
- Die-formed, para-contoured body with stiffeners for rigidity
- Louvers available in white or silver semi-specular finish
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Floating louver with black reveal
- Efficient air-handling options with or without air control vanes
- Four auxiliary fixture-end suspension points provided
- Unique louver tannenbaum design option



2EP3GAX SERIES

DIMENSIONS

1' x 4', 2' x 2', 2' x 4', 20" x 24", 20" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, IC Rated, City of Chicago Approved, NOM Certified



ORDERING INFORMATION

SAMPLE NUMBER: 2EP3GX-332S36I-L8835-UNV-EB81-U

| Rating | Hard Metric | Heat Removal ¹ | Width | Series | Trim Type | Air Supply | 20" Width | Type |
|--|----------------|---------------------------|---|-----------------|---|--|--|-------------|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | HM=Hard Metric | HR=Heat Removal | 2=2' Width [Blank]=1' Width ² | EP3=Paralux III | F=Aluminum Flange Trim ³ G=Concealed-T/Slot Grid ⁴ G=Grid/Lay-in (Standard) MZ=Modular Trim ⁴ | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/Floating Louver - Non-Air Supply | 2024=20" Width x 24" Length 2048=20" Width x 48" Length | IC=IC Rated |

| Number of Lamps (Not Included) | Wattage | Louver Color | Cell Configuration | Louver Finish | Distribution | |
|---|---|---|--|---|---|---|
| 1=1 Lamp ⁵ 2=2 Lamps 3=3 Lamps ^{6,19} 4=4 Lamps ⁶ | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 28T8=28W T8 (48") 32=32W T8 (48") 54T5=54W T5HO (48") BX40=40W BiAx (24") U15/8=31W T8 (24") ⁷ U6T8=32W T8 (24") ^{8,7} | S=Silver ST=Silver Tannenbaum W=White | 112=1 Row of 12, 12 Cell (1' x 4') ¹⁰ 16=1 Row of 6, 6 Cells (1' x 4') 18=1 Row of 8, 8 Cells (1' x 4') 212=2 Rows of 12, 24 Cell (1' x 4') ¹⁰ 23=2 Rows of 3, 6 Cell (2' x 2') 26=2 Rows of 6, 12 Cell (2' x 4') 28=2 Rows of 8, 16 Cell (2' x 4') 312=3 Rows of 12, 36 Cell (2' x 4') ¹⁰ | 33=3 Rows of 3, 9 Cell (2' x 2', 2024) 34=3 Rows of 4, 12 Cell (2' x 2', 2024) 36=3 Rows of 6, 18 Cell (2' x 4', 2048) 36=3 Rows of 6, 18 Cell (2' x 2', ST Only) ⁹ 38=3 Rows of 8, 24 Cell (2' x 4', 2048) 44=4 Rows of 4, 16 Cell (2' x 2', 2024) 46=4 Rows of 6, 24 Cell (2' x 4') 48=4 Rows of 8, 32 Cell (2' x 4', 2048) | I=Semi-Specular/Haze (Low Iridescent) Standard MI=Specular/Mirrored (Low Iridescent) P=Painted | [Blank]=Standard ASY=Asymmetric High Throw Wall Wash ⁵ SYM=Symmetric High Throw Wall Wash ⁵ |

| Option - Aluminum Flange Trim ³ | Voltage ¹¹ | Options |
|--|---|--|
| [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish | RW=In Row, White Finish SN=Single, Natural Finish SW=Single, White Finish 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ¹² | EL=Emergency Installed (Must Specify Battery Pack, See Options) ¹³ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal |

Ballast Type

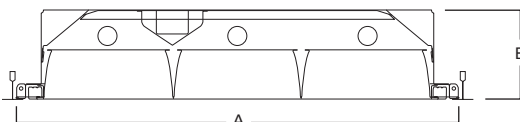
EB5 =T5 BiAx Electronic Instant Start. Total Harmonic Distortion < 20%.¹⁴
EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%.
EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15
EBT =T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
ER5 =T5 BiAx Electronic Program Rapid Start. Total Harmonic Distortion < 10%.¹⁴
ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
TEB5 =T5 BiAx Electronic Instant Start. Total Harmonic Distortion < 10%.¹⁴

Ballast/Factor Type (T5)
EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15¹⁵
EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15¹⁶
EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90
EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0¹⁷

High Performance T8 Ballasts
HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88
HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82
HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0
HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88
HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88
HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

| Number of Ballasts | Options | Packaging | Accessories (Order Separately) |
|---|---|---|---|
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts (2' x 4') | LAO=Less Access Opening ⁷ PAF=Painted After Fabrication REP=Riveted End Plates RIF1=Radio Interference Suppressor | PAL=Job Pack Out of Carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹⁸ |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. For 20" width, must specify 2024 or 2048 in ordering logic. 3. Specify row configuration, type in catalog number when ordering complete fixtures. 4. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 5. 1' x 4' only. 6. 2' x 2' and 2' x 4' only. 7. 2' x 2' only. 8. 2 lamp 2' x 2' only. 9. These cell configurations are also available in Silver Tannenbaum (ST). 10. 112, 212 and 312 are only available in Silver Tannenbaum (ST). 11. Products also available in non-US voltage and frequencies for international markets. 12. Not available when specifying emergencies, voltage must be specified. 13. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 14. Not available in UNV voltage. Must specify voltage. 15. 1-Lamp ballast in a High Ballast factor not available. 16. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 17. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 18. Recommended for all 9/16" ceiling systems. Four per fixture. 19. Standard off-center ballast on 3-lamp fixtures.



| NOMINAL SIZE | A | B |
|--------------|-----------------|----------------|
| 1' x 4' | 11-3/4" (298mm) | 6-5/8" (168mm) |
| 1' x 4' (OU) | 11-3/4" (298mm) | 8-1/4" (210mm) |
| 2' x 2' | 23-3/4" (603mm) | 4-3/4" (121mm) |
| 2' x 4' | 23-3/4" (603mm) | 4-3/4" (121mm) |
| 20" x 24" | 19-3/4" (502mm) | 5-5/8" (143mm) |
| 20" x 48" | 19-3/4" (502mm) | 5-5/8" (143mm) |

PRODUCT INFORMATION FOR PARALUX III

| Housing Size | Louver Cell Configuration* | Number of Cells |
|--------------|----------------------------|------------------------|
| 1' x 4' | 16, 18, 26, 28 | 6, 8, 12, 16 |
| 2' x 2' | 23, 33, 34, 44 | 6, 9, 12, 16 |
| 20" x 24" | 23, 24, 33, 34 | 6, 8, 9, 12 |
| 20" x 48" | 26, 36, 38 | 12, 18, 24 |
| 2' x 4' | 26, 28, 36, 38, 46, 48 | 12, 16, 18, 24, 24, 32 |

*example: 36= 3 rows of 6 (18 cells)

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PARALUX II RECESSED AIR SUPPLY TROFFER



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Computer-designed, 2" tall precision-cell parabolic louver
- Die-formed housing with four auxiliary end suspension points
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Rotor-lock lampholders, end plate grid-lock and air supply options
- Efficient air-handling options with or without air control vanes
- Floating louver with black reveal
- Louvers available in white or silver semi-specular finish

DIMENSIONS

1' x 4', 2' x 2', 2' x 4', 20" x 24", 20 x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, City of Chicago Approved, NOM Certified

2P2GAX SERIES



ORDERING INFORMATION

SAMPLE NUMBER: 2P2GAX-232S511-UNV-EB81-U

| Rating | Heat Removal | Width | Series | Trim Type | Air Supply | 20" Width | Number of Lamps | Wattage | Louver Color |
|--|------------------------------|---|--------------------------------|---|--|---|--|---|---------------------|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | HR=Heat Removal ¹ | 2=2' Width [Blank]=1' Width ² | P2=Paralux II, 2" Louver Depth | F=Aluminum Flange Trim ³ G=Concealed-T/Slot Grid ⁴ G =Grid/Lay-in (Standard) MZ=Modular Trim ⁴ | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/ Floating Louver - Non Air Supply | 2024=20" Width x 24" Length 2048=20" Width x 48" Length | (Not Included) 1=1 Lamp ⁵ 2=2 Lamps 3=3 Lamps ⁶ 4=4 Lamps | 14WT5=14W T5 (24") 17=17W T8 (24") 24WT5=24W T5HO (24") 28T5=28W T5 (48") 28T8=28W T8 (48") 32=32W T8 (48") 54T5=54W T5HO (48") BX40=40W Biax (24") ⁷ U15/8=31W T8 (24") U6T8=32W T8 (24") ^{7,8} | S=Silver W=White |
| Cell Configuration | | | | Louver Finish | Option - Aluminum Flange Trim ³ | Voltage ⁹ | Options | | |
| 111=1 Row of 11, 11 Cell (1' x 4') 113=1 Row of 13, 13 Cell (1' x 4') 211=2 Rows of 11, 22 Cell (1' x 4') 213=2 Rows of 13, 26 Cell (1' x 4') 22=2 Rows of 2, 4 Cell (2' x 2') 23=2 Rows of 3, 6 Cell (2' x 2') 26=2 Rows of 6, 12 Cell (2' x 4') 28=2 Rows of 8, 16 Cell (2' x 4') 311=3 Rows of 11, 33 Cell (1' x 4', 2' x 4') | | | | I=Semi-Specular/Haze (Low Iridescent) Standard (Silver Only) MI=Specular/Mirrored (Low Iridescent) (Silver Only) P=Painted (White Only) | [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ¹⁰ | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal | | |

Ballast Type

EB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%.¹¹
 EB8=T8 Electronic Start. Total Harmonic Distortion < 10%.
 EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15.
 EBT=T5 or T5HO Electronic Program Rapid Start. High Ambient. Total Harmonic Distortion < 10%.
 ER5=T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
 TEB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.¹¹

Ballast/Factor Type (T5)

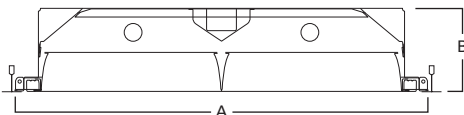
EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15¹²
 EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15¹³
 EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90
 EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0¹⁴

High Performance T8 Ballasts

HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88
 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82
 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0
 HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%
 Standard Ballast Factor .86 - .88
 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88
 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

| Number of Ballast | Options | Packaging | Accessories (Order Separately) |
|---|--|--|---|
| 1=1 Ballast 2=2 Ballasts ¹⁵ 3=3 Ballasts ¹⁶ | LAO=Less Access Opening ¹⁵ PAF=Painted After Fabrication | REP=Riveted End Plates RIF1=Radio Interference Filter | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹⁷ |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. For 20" width, must specify 2024 or 2048 in ordering logic. 3. Specify row configuration, type in catalog number when ordering complete fixtures. 4. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 5. 1' x 4' only. 6. Standard off-center ballast on 3-lamp fixtures. 7. 2' x 2' only. 8. 2 lamp only. 9. Products also available in non-US voltage and frequencies for international markets. 10. Not available when specifying emergencies, voltage must be specified. 11. Not available in UNV voltage. Must specify voltage. 12. 1-Lamp ballast in a High Ballast factor not available. 13. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 14. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 15. Less Access Opening (LAO) in housing is required for 2' x 2' sizes. 16. 2' x 4' only. 17. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture.



| NOMINAL SIZE | A | B |
|--------------|-----------------|----------------|
| 1' x 4' | 11-3/4" (298mm) | 5-5/8" (143mm) |
| 2' x 2' | 23-3/4" (603mm) | 4-3/4" (121mm) |
| 2' x 4' | 23-3/4" (603mm) | 4-3/4" (121mm) |
| 20" x 24" | 19-3/4" (502mm) | 4-5/8" (117mm) |
| 20" x 48" | 19-3/4" (502mm) | 4-5/8" (117mm) |

PRODUCT INFORMATION FOR PARALUX II

| Housing Size | Louver Cell Configuration* | Number of Cells |
|--------------|----------------------------------|--------------------------------|
| 1' x 4' | 111, 113, 211, 213, 311 | 11, 13, 22, 26, 33 |
| 2' x 2' | 22, 23, 33, 34, 44, 55 | 4, 6, 9, 12, 16, 25 |
| 20" x 24" | 33, 34, 44, 45 | 9, 12, 16, 20 |
| 20" x 48" | 36, 38, 48, 411 | 18, 24, 32, 44 |
| 2' x 4' | 26, 28, 36, 38, 311, 46, 48, 411 | 12, 16, 18, 24, 33, 24, 32, 44 |

*Example: 36= 3 rows of 6 (18 cells)

FEATURES

- Provided with CEE-listed energy-saving ballasts
- Computer-designed, 4" tall precision-cell parabolic louver
- Die-formed, deep para-contoured body with end plate grid-lock feature
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Louvers available in white, specular or silver semi-specular finish
- Efficient air-handling options with or without air control vanes
- Four auxiliary fixture-end suspension points provided
- Floating louver with black reveal
- Hard metric configurations available

DIMENSIONS

1' x 4', 2' x 2', 2' x 4', 20" x 24", 20" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, City of Chicago Approved, NOM Certified



2PGAX SERIES

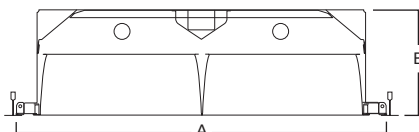


ORDERING INFORMATION

SAMPLE NUMBER: 2PGAX-232S39I-UNV-EB81-U

| Rating | Hard Metric | Heat Removal ¹ | Width | Series | Trim Type | Air Supply | 20" Width | Number of Lamps (Not Included) | Wattage |
|--|---|---------------------------|--|--|--|--|--|---|--|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | HM=Hard Metric | HR=Heat Removal | 2=2' Width [Blank]=1' Width ² | P=Paralux IV | F=Aluminum Flange Trim ³ G=Concealed-T/Slot Grid ⁴ G=Grid/Lay-in (Standard) MZ=Modular Trim | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/Floating Louver - Non Air Supply | 2024=20" Width x 24" Length 2048=20" Width x 48" Length | 1=1 Lamp ⁵ 2=2 Lamps 3=3 Lamps ¹³ 4=4 Lamps ⁶ | 28T8=28W T8 (48") 32=32W T8 (48") BX40=40W Biax (24") ⁷ U15/8=31W T8 (24") U6T8=32W T8 (24") ^{7,8} |
| Louver Color | Cell Configuration | | Louver Finish | Option - Aluminum Flange Trim ³ | | Voltage ⁹ | Options | | |
| S=Silver W=White | 16=1 Row of 6, 6 Cells (1' x 4') 18=1 Row of 8, 8 Cells (1' x 4') 23=2 Rows of 3, 6 Cell (2' x 2', 20" x 24") 26=2 Rows of 6, 12 Cell (1' x 4', 20" x 48", 2' x 4') 28=2 Rows of 8, 16 Cell (1' x 4', 2' x 4') 29=2 Rows of 9, 18 Cell (1' x 4') 33=3 Rows of 3, 9 Cell (2' x 2', 20" x 24") 34=3 Rows of 4, 12 Cell (2' x 2', 20" x 24") 36=3 Rows of 6, 18 Cell (2' x 4', 20" x 48") 38=3 Rows of 8, 24 Cell (2' x 4', 20" x 48") 39=3 Rows of 9, 27 Cell (2' x 4', 20" x 48") 44=4 Rows of 4, 16 Cell (2' x 2') 46=4 Rows of 6, 24 Cell (2' x 4', 20" x 48") 48=4 Rows of 8, 32 Cell (2' x 4', 20" x 48") | | I=Specular/ Haze (Low Iridescent) Standard MI=Specular/ Mirrored (Low Iridescent) P=Painted | [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ¹⁰ | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal Lamps Installed [Blank]=No Lamps Installed L8835=T8 Lamp, 28W and 32W, 3500K L8835HL=T8 Lamp, 32W 3500K, 3100 Lumens L8841=T8 Lamp, 28W and 32W, 4100K L8841HL=T8 Lamp, 32W 4100K, 3100 Lumens | | |
| Ballast Type | | | | | | | | | |
| EB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. ¹¹ EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER5_=T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ¹¹ ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. TEB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. ¹¹ | | | | | High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | | |
| Number of Ballast | Options | | | Packaging | Accessories (Order Separately) | | | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts (2' x 4' Only) | PAF=Painted After Fabrication REP=Riveted End Plates RIF1=Radio Interference Suppressor | | | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹² | | | | |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. For 20" width, must specify 2024 or 2048 in ordering logic. 3. Specify row configuration, type in catalog number when ordering complete fixtures. 4. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 5. 1' x 4' only. 6. 2' x 4' and 20" x 48" only. 7. 2' x 2' only. 8. 2 lamps only. 9. Products also available in non-US voltage and frequencies for international markets. 10. Not available when specifying emergencies, voltage must be specified. 11. Not available in UNV voltage. Must specify voltage. 12. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 13. Standard off-center ballast on 3-lamp fixtures.



| NOMINAL SIZE | A | B |
|--------------|-----------------|----------------|
| 1' x 4' | 11-3/4" (298mm) | 7-5/8" (194mm) |
| 2' x 2' | 23-3/4" (603mm) | 6-3/4" (172mm) |
| 2' x 4' | 23-3/4" (603mm) | 6-3/4" (172mm) |
| 20" x 24" | 19-3/4" (502mm) | 6-5/8" (168mm) |
| 20" x 48" | 19-3/4" (502mm) | 6-5/8" (168mm) |

PRODUCT INFORMATION FOR PARALUX IV

| Housing Size | Louver Cell Configuration* | Number of Cells |
|--------------|----------------------------|----------------------------|
| 1' x 4' | 16, 18, 26, 28, 29 | 6, 8, 12, 16 |
| 2' x 2' | 23, 33, 34, 44 | 6, 9, 12, 16 |
| 20" x 24" | 23, 33, 34 | 6, 9, 12 |
| 20" x 48" | 26, 36, 38, 39, 46, 48 | 12, 18, 24, 27, 24, 32 |
| 2' x 4' | 26, 28, 36, 38, 39, 46, 48 | 12, 16, 18, 24, 27, 24, 32 |

*Example: 36= 3 rows of 6 (18 cells)

PARALUX V RECESSED AIR SUPPLY PRECISION CUT-OFF TROFFER



FEATURES

- Provided with CEE-listed energy-saving ballasts
- Computer-designed, precision-cell parabolic louver
- Louver designed to eliminate glare and control high-angle brightness
- Low-iridescent louver minimizes reflected glare or color
- Die-formed, deep para-contoured body with stiffeners for rigidity
- Efficient air-handling options with or without air control vanes
- Positive cam latch, safety lock T-hinges allow hinging on either side
- Floating louver with black reveal
- Four auxiliary fixture-end suspension points provided

DIMENSIONS

1' x 2', 1' x 4', 2' x 2', 2' x 4', 20" x 24", 20" x 48"

2P5GAX SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, City of Chicago Approved, NOM Certified



ORDERING INFORMATION

SAMPLE NUMBER: 2P5GAVX-332S39MI-UNV-EB81-U

| Rating | Hard Metric | Heat Removal ¹ | Width | Series | Trim Type | Air Supply | 20" Width | Number of Lamps (Not Included) |
|---|----------------|---|--|--|--|--|--|--|
| [Blank]=Standard ATW-SW4=Air-Tight Wire Way (Chicago Rated) | HM=Hard Metric | HR=Heat Removal | 2-2' Width [Blank]=1' Width ² | P5=5" Parallax Louver | F=Aluminum Flange Trim ³ G=Concealed-T/Slot Grid ⁴ G=Grid/Lay-in (Standard) MZ=Modular Trim | AVX=Air Supply Floating Louver with Directional Air Vane AX=Air Supply Floating Louver X=Blank Side/Floating Louver - Non Air Supply | 2024=20" Width x 24" Length | 1=1 Lamp ⁵ 2=2 Lamps 3=3 Lamps ^{6, 13} |
| Wattage | Louver Color | Cell Configuration | | Louver Finish | Option - Aluminum Flange Trim ³ | Voltage ⁹ | Options | |
| 28T8=28W T8 (48") 32=32W T8 (48") BX40=40W Biax (24") ⁷ U15/8=31W T8 (24") ⁸ | S=Silver | 14=1 Row of 4, 4 Cell (1' x 2') 19=1 Row of 9, 9 Cells (1' x 4') 24=2 Rows of 4, 8 Cell (2' x 2') 24=2 Rows of 4, 8 Cell (20 x 24) 29=2 Rows of 9, 18 Cell (2' x 4') 29=2 Rows of 9, 18 Cell (20 x 48) 34=3 Rows of 4, 12 Cell (2' x 2', 2024) 39=3 Rows of 9, 27 Cell (2' x 4') | | MI=Specular/Mirrored (Low Iridescent) VDT=VDT Soft Semi-Specular/Haze | [Blank]=SW (Single White) EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ¹⁰ | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal | |

Ballast Type

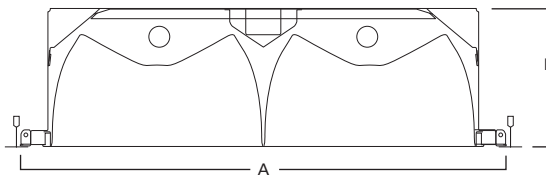
EB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%.¹¹
ER5 =T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%.¹¹
TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.¹¹
EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%.
EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15
ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

High Performance T8 Ballasts

HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88
HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82
HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0
HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88
HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88
HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20
HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

| Number of Ballasts | Options | Packaging | Accessories (Order Separately) |
|--|---|--|---|
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts (2' x 4' Only) | PAF=Painted After Fabrication REP=Riveted End Plates RIF1=Radio Interference Suppressor | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹² |

NOTES: 1. Integral End Plate Grid Lock feature not available in Heat Removal. 2. For 20" width, must specify 2024 or 2048 in ordering logic. 3. Specify row configuration, type in catalog number when ordering complete fixtures. 4. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 5. 1' x 4' only. 6. 2' x 4' only. 7. 2 lamps only. 8. 2 lamps only. 9. Products also available in non-US voltage and frequencies for international markets. 10. Not available when specifying emergencies, voltage must be specified. 11. Not available in UNV voltage. Must specify voltage. 12. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 13. Standard off-center ballast on 3-lamp fixtures.



| NOMINAL SIZE | A | B |
|--------------|-----------------|----------------|
| 1' x 2' | 11-3/4" (298mm) | 7" (178mm) |
| 1' x 4' | 11-3/4" (298mm) | 7" (178mm) |
| 2' x 2' | 23-3/4" (603mm) | 6-3/4" (172mm) |
| 2' x 4' | 23-3/4" (603mm) | 6-3/4" (172mm) |
| 20" x 24" | 19-3/4" (502mm) | 6-1/8" (156mm) |
| 20" x 48" | 19-3/4" (502mm) | 7-3/8" (187mm) |

PRODUCT INFORMATION FOR PARALUX V

| Housing Size | Lamp Quantity | Louver Cell Configuration* | Number of Cells |
|--------------|---------------|----------------------------|-----------------|
| 1' x 2' | 1 or 2 | 14 | 4 |
| 1' x 4' | 1 or 2 | 19 | 9 |
| 2' x 2' | 2 | 24 | 8 |
| | 3 | 34 | 12 |
| 20" x 24" | 2 | 24 | 8 |
| 20" x 48" | 2 | 29 | 18 |
| 2' x 4' | 2 | 29 | 18 |
| | 3 | 39 | 27 |

*Example: 39= 3 rows of 9 (27 cells)

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Excellent low-brightness luminaire for accent lighting
- Die-formed nominal 7" deep steel-construction housing
- Ballasts are CBM/ETL Class P and positively secured by mounting bolts
- 3" nominal precision-cell, parabolic louver
- High shielding and low brightness louver for optimal lighting
- Fits into nominal 12" square opening
- Heavy-duty, adjustable mounting brackets

DIMENSIONS

1' x 1'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



P3 SERIES

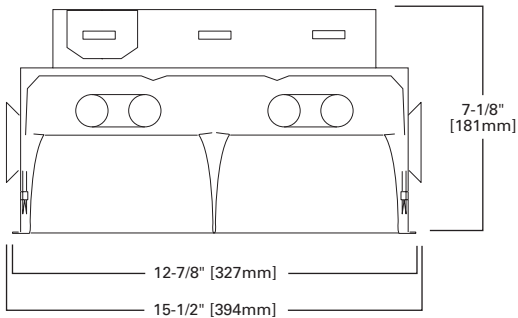
ORDERING INFORMATION

SAMPLE NUMBER: P3-2BX18S22I-RS-UNV-EB81-U

| Series | Number of Lamps (Not Included) | Wattage | Louver Color | Cell Configuration | Louver Finish | Ballast Start Type |
|---|--|---|-----------------------------|--|--|------------------------|
| P3=Paralux III | 2=2 Lamps 3=3 Lamps | BX18 =18W Biax RS OC16 =16W T8 | S =Silver | 22 =2 Rows of 2, 4 Cell (1' x 1') 33 =3 Rows of 3, 9 Cell (2' x 2') | I =Semi-Specular/Haze (Low Iridescent) Standard MI =Specular/Mirrored (Low Iridescent) | RS =Rapid Start |
| Voltage ¹ | Options | Ballast Type | Number of Ballasts | Options | Packaging | |
| 120V =120 Volt 277V =277 Volt 347V =347 Volt UNV =Universal Voltage 120-277 | GL =Single Element Fuse GM =Double Element Fuse | EB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10% | 1=1 Ballast 2=2 Ballasts | NDF =Natural Aluminum Trim REP =Riveted End Plates RIF1 =Radio Interference Suppressor RLS =Rotor Lock Socket (T8 Lamps Only) | U =Unit Pack | |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets.

1' x 1'



PARALUX III, IV, V SURFACE PARABOLIC



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Computer-designed, precision-cell parabolic louver
- Die-formed housing
- Full-seam welded corners
- Louvers available in white or silver semi-specular finish
- System complies with RP-1 and meets today's lighting needs
- Self-locking, spring-loaded cam latch with positive hinging mechanism

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

PMX SERIES

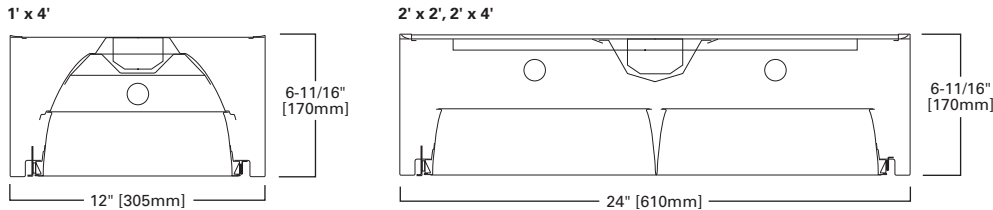


ORDERING INFORMATION^A

SAMPLE NUMBER: 2EP3MX-332S36I-UNV-EB81-U

| Width | Paralux Louver | Louwer Depth | Surface Mount | Number of Lamps (Not Included) | Wattage (Length) | Louwer Color |
|--|--|---|------------------------------------|--|--|---|
| 2=2' Width [Blank]=1' Width | EP=Paralux Louver (III) ¹ P=Paralux Louver | 3=Paralux III 5=Paralux V [Blank]=Paralux IV | MX=Surface Mount/ Floating Door | 1=1 Lamp ² 2=2 Lamps 3=3 Lamps 4=4 Lamps | 17=17W T8 (24") 32=32W T8 (48") BX40=40W Biax T5 (24") ³ U1-5/8=31W T8 (24") U6T8=31W T8 (24") ^{4,3} | S=Silver W=White |
| Cell Configuration | Louwer Finish | Voltage ⁵ | | Options | | |
| 18=1 Row of 8, 8 Cell (1' x 4') 26=2 Rows of 6, 12 Cell 28=2 Rows of 8, 16 Cell 33=3 Rows of 3, 9 Cell (2' x 2') 34=3 Rows of 4, 12 Cell (2' x 2') 36=3 Rows of 6, 18 Cell 39=3 Row of 9, 27 Cell 44=4 Rows of 4, 16 Cell (2' x 2') 48=4 Rows of 8, 32 Cell (2'x4') | I=Semi-Specular/Haze (Low Iridescent) Standard MI=Specular/Mirrored (Low Iridescent) P=Painted | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse | | |
| Ballast Type | | | | Number of Ballasts | Options | Packaging |
| Biax Ballasts EB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. ⁷ TEB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. ⁷ T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79 | | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts ¹ | EKO=7/8" KOs in End of Fixture Housing ⁶ PI/CPI=Plug-In Option SMB=Side Mounted Ballast For Stem Applications WTR=White Reveal | PAL=Job Pack Out of Carton PALC=Job Pack, in carton U=Unit Pack |

NOTES: 1. 2' x 4' only. 2. 1' x 4' only. 3. 2' x 2' only. 4. 2 lamps only. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. Must specify voltage.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

RESIDENTIAL T8 SHOP LIGHT



SHOP LIGHT SERIES

FEATURES

- Uses two fluorescent lamps (not included)
- Cold rolled steel with baked white enamel paint
- Cord and plug installed
- Chain included (for chain hanging applications only)
- Easily installed
- Suitable for damp locations
- UL/cUL listed

DIMENSIONS

4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

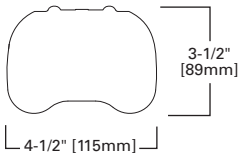
COMPLIANCES: UL/cUL Listed - Damp Location, ENERGY STAR Qualified



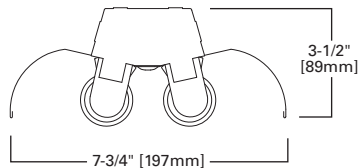
ORDERING INFORMATION

| Catalog Number | Description | Lamp | Shipping Weight |
|---|---|---------------------------------|-----------------|
| SL232R - Utility Shop Light | 2 Lamp 48" Shop Light <ul style="list-style-type: none"> • Electronic Ballast, Start Temp 0°F • 4" Reflector • 6 Foot Cord • Pull Chain • (2) S-hook 12" Chains • Pre-assembled | (2) 32W T8 Lamps (Not Included) | 6.42 lbs. |
| SLNR232R - Medium-grade Shop Light | 2 Lamp 48" Shop Light <ul style="list-style-type: none"> • Electronic Ballast, Start Temp 0°F • 7" Reflector • 6 Foot Cord • Pull Chain • (2) S-hook 12" Chains • Pre-assembled | (2) 32W T8 Lamps (Not Included) | 7.9 lbs. |
| SLWR232R - Heavy-duty Shop Light | 2 Lamp 48" Shop Light <ul style="list-style-type: none"> • Electronic Ballast, Start Temp 0°F • 12" Reflector • 6 Foot Cord • Pull Chain • (2) S-hook 12" Chains • Some assembly required | (2) 32W T8 Lamps (Not Included) | 12 lbs. |

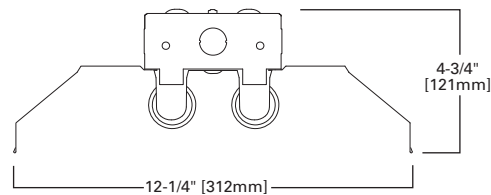
UTILITY SHOP LIGHT - SL232R



MEDIUM-GRADE SHOP LIGHT - SLNR232R



HEAVY-DUTY SHOP LIGHT - SLWR232R



SERIES OPTIONS



SL232R



SLNR232R



SLWR232R

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

CIRCLINE ROUND, SQUARE



FEATURES

- Opal white acrylic diffuser
- Baked white enamel finish with reflective base
- Uses one or two circline lamps (included)
- Diffuser easily removed for lamp replacement or service
- Square or saucer profiles

DIMENSIONS

11', 14', 19'

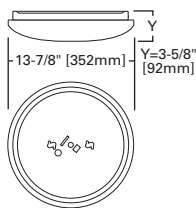
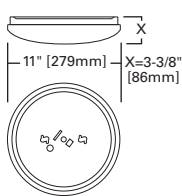
Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed - Damp LocationCIRCLINE
DECORATIVE
SERIES

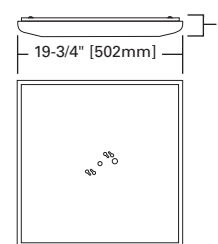
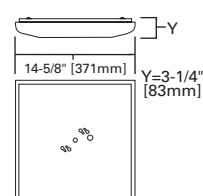
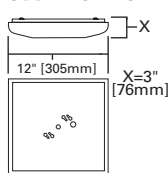
ORDERING INFORMATION

| Catalog Number | Description | Lamp | Shipping Weight |
|-------------------|---|--|-----------------|
| DECORATIVE | | | |
| 7413 | Round Acrylic Saucer, 11" Diameter White Circline | 11" Diameter, Single 22W Lamp | 4 lbs. (1.8kg) |
| 7013 | Square Acrylic Puff, 12" Diameter White Circline | 12" Diameter, Single 22W Lamp | 5 lbs. (2.3kg) |
| 7033 | Square Acrylic Puff, 14" Diameter White Circline | 14" Diameter, (1) 22W and (1) 32W Lamp | 7 lbs. (3.2kg) |

ROUND SERIES



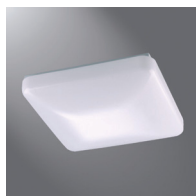
SQUARE SERIES



SERIES OPTIONS



Round Acrylic Saucer



Square Acrylic Puff

CIRCLINE UTILITY



FEATURES

- Uses one or two circline lamps (not included)
- Bare lamp
- Lamps secured by spring lamp clips
- Chrome-plate finish

DIMENSIONS

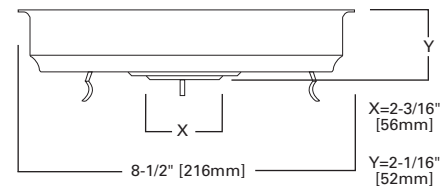
8"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp LocationCIRCLINE UTILITY
SERIES

ORDERING INFORMATION

| Catalog Number | Description | Lamp | Shipping Wt. |
|----------------|--|------------------------------|----------------|
| UTILITY | | | |
| 7112 | Bare Lamp, 8" Diameter Chrome Circline | 8" Diameter, Single 22W Lamp | 3 lbs. (1.4kg) |



FEATURES

- Opal white acrylic diffuser with solid wood trims
- Snap-flush mounting for easy installation
- Heavy-gauge steel housing with baked white enamel finish
- Uses two or four fluorescent lamps (not included)

DIMENSIONS

15" x 48", 24" x 24"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed - Damp Location, ENERGY STAR Qualified**DECORATIVE WOOD TRIMS****DECORATIVE SERIES****ORDERING INFORMATION**

| Catalog Number | Product Description | Size | Lamp | Shipping Weight |
|-------------------|--|-----------|------------|-------------------|
| DT432WR | Wood Trim, 15" x 48", (4) T8/32W Lamps, 120V Resi Ballast, White Finish | 15" x 48" | 4 - F32T8 | 27 lbs. (12.2 kg) |
| DT432OR | Wood Trim, 15" x 48", (4) T8/32W Lamps, 120V Resi Ballast, Natural Oak Finish | 15" x 48" | 4 - F32T8 | 27 lbs. (12.2 kg) |
| DT432UNR | Wood Trim, 15" x 48", (4) T8/32W Lamps, 120V Resi Ballast, Unfinished Finish | 15" x 48" | 4 - F32T8 | 27 lbs. (12.2 kg) |
| DT2U632WR | Wood Trim, 24" x 24", (2) U6T8/32W Lamps, 120V Resi Ballast, White Finish | 24" x 24" | 2 - FU32T8 | 20 lbs. (9 kg) |
| DT2U632OR | Wood Trim, 24" x 24", (2) U6/32W Lamps, 120V Resi Ballast, Natural Oak Finish | 24" x 24" | 2 - FU32T8 | 20 lbs. (9 kg) |
| DT2U632UNR | Wood Trim, 24" x 24", (2) U6T8/32W Lamps, 120V Resi Ballast, Unfinished Finish | 24" x 24" | 2 - FU32T8 | 20 lbs. (9 kg) |

FINISH OPTIONS

White Finish



Natural Oak Finish



Unfinished Finish

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

CIRCLINE DECORATIVE

**FEATURES**

- Unique decorative trims with matte white lenses
- Residential electronic ballast
- Fully assembled and ready to install (mounting hardware included)
- Uses one 22W or one 32W circline lamp (included)

DIMENSIONS

14"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Listed - Damp LocationSMALL CIRCLINE
DECORATIVE
SERIES**ORDERING INFORMATION**

| Catalog Number | Description | Shipping Weight |
|--|---|-----------------|
| Amber Mission Square 7508 | 14", 2-Lamp 22/32W, Mission Trim w/Classic Amber Stain | 7 lbs. (3.2kg) |
| Satin Nickel Round 7235-REB1 | 14", 2-Lamp 26W Compact Fluorescent, Contemporary Satin Nickle Trim | 7 lbs. (3.2kg) |

TRIM OPTIONS

Satin Nickel Round



Amber Mission Square

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

WALL BRACKET AND WALL CLOUD



WALL BRACKET, UNDERCABINET SERIES

FEATURES

- Uses one or two fluorescent lamps
- Contemporary styling
- Die-formed housing
- Baked white enamel finish
- Extruded, smooth opal, white acrylic refractor
- 180° uniform light distribution
- Decorative opaque injection molded white end plates
- Easy wiring access
- Vertical-wall or horizontal-ceiling-mount applications

DIMENSIONS

2', 3', 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location

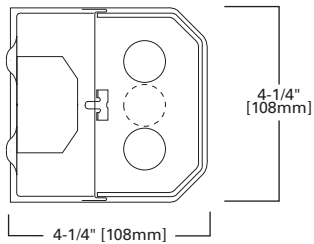


ORDERING INFORMATION

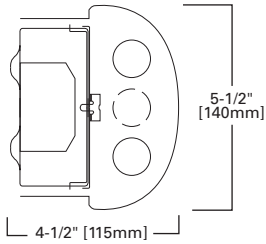
| Catalog Number ^{1,2} | Description | Shipping Weight |
|-------------------------------|-------------------------------|-----------------|
| (White Ends / 1 Light) | | |
| 6212 | 1 lamp 24", 20W T12 | 7 lbs. (3.2kg) |
| 6313 | 1 lamp 36", 30W T12 | 9 lbs. (4.1kg) |
| 6414 | 1 lamp 48", 40W T12 | 12 lbs. (5.4kg) |
| (White Ends / 2 Light) | | |
| 6222 | 2 lamp 24", 20W T12 | 7 lbs. (3.2kg) |
| 6424 | 2 lamp 48", 40W T12 | 12 lbs. (5.4kg) |
| (Wall Cloud) | | |
| 6232 | 2 lamp 24", 20W T12 | 8 lbs. (3.6kg) |
| 6434 | 2 lamp 48", 40W T12 | 13 lbs. (5.9kg) |
| 6434E ¹ | 2 lamp 48", with LE3, 40W T12 | 13 lbs. (5.9kg) |
| 6434-REB1 | 2 lamp 48", with LE3, 32W T8 | 13 lbs. (5.9kg) |

NOTES: 1. "E" in catalog number means Electronic Ballast that operates T12 lamps. 2. Commercial Grade Electronic Ballast (EB81) available on a "made to order" basis.

WALL BRACKET SERIES



WALL CLOUD SERIES



SERIES OPTIONS



Wall Cloud



Wall Bracket

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

SURFACE T8



FEATURES

- Residential application
- High-impact acrylic lens offers superior durability
- 120V residential ballast
- Die-formed housing with high quality paint finish
- Lift-and-shift lens is mechanically retained by end caps
- Lamps not included

DIMENSIONS

2', 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, ENERGY STAR Qualified

WP SERIES

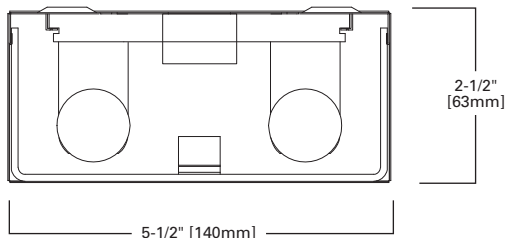


ORDERING INFORMATION

SAMPLE NUMBER: WP232R

| Series | Number of Lamps (Not Included) | Wattage | Application |
|-----------------|--------------------------------|------------------------------------|----------------------|
| WP=Surface Wrap | 2=2 Lamps | 17=17W T8 (24") 32=32W T8 (48") | R=Residential (120V) |

2', 4'



SURFACE WRAPAROUND



WRAPAROUND
OAK TRIM SERIES

FEATURES

- White acrylic diffuser with low brightness
- Low-profile design with light oak wood ends
- Lift-and-shift refractor offers easy re-lamping
- Uses two or four fluorescent lamps (not included)

DIMENSIONS

2', 4'

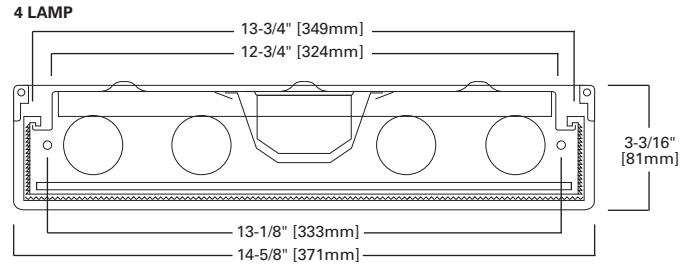
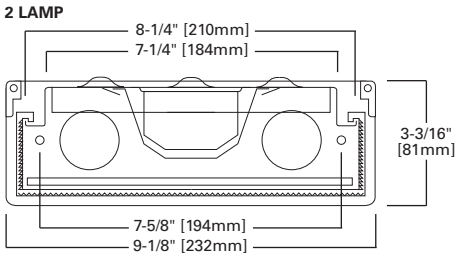
Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



ORDERING INFORMATION

| Catalog Number | Description | Shipping Weight |
|----------------|---|-----------------|
| W2324-REB1 | 2 lamp, 4', 32W T8, Light Oak Wood Ends | 13 lbs. (5.9kg) |
| W2344-REB1 | 4 lamp, 4', 32W T8, Light Oak Wood Ends | 20 lbs. (9kg) |



SURFACE T8



FEATURES

- Acrylic lens formulated to protect against lens breakage
- Tuff' R' Puff commercial-grade acrylic lens
- 120V instant-start residential or commercial ballast
- Housing manufactured with die-formed, cold-rolled steel
- Snap-fit for ease of service and re-lamping
- Ideal choice for most residential and commercial applications
- Lamps not included

DIMENSIONS

1' x 4', 1-1/2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, ENERGY STAR Qualified

WSC SERIES



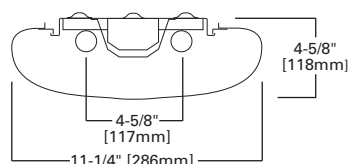
ORDERING INFORMATION

SAMPLE NUMBER: WSC232R

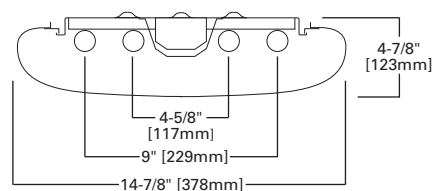
| Series | Number of Lamps (Not Included) | Wattage (Length) | Application |
|--------------------|--------------------------------|---|---------------|
| WSC=Softside Cloud | 2=2 Lamps 4=4 Lamps | 32=32W T8 (48") U6T8=32W T8 (24") ¹ | R=Residential |

NOTES: 1. Two lamp only.

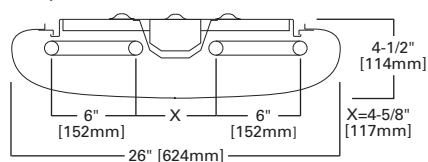
1' x 4', 2 LAMP



1-1/2' x 4', 4 LAMP



2' x 2', 2 U-LAMPS



ALTERNATE PRODUCTS



1' x 4'

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Energy-saving applications where fixture removal is cost-prohibitive
- Convert standard 4' and 8' T8 or T12 industrial or strips
- Fits industrial or strip channels from 4" to 5-5/8" wide
- Two optical distributions, specular or high-performance white
- Twist-lock sockets; 20-gauge socket tracks; mounting hardware provided
- Bulk-packed kits for easier handling
- Order with or without ballasts
- Pre-wiring options to speed installation
- Quick, safe and efficient installation and maintenance

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Classified

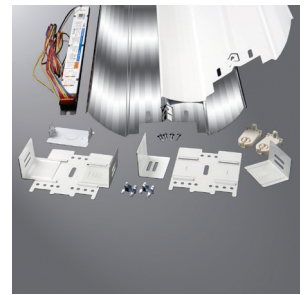


ORDERING INFORMATION

SAMPLE NUMBER: 8ECS-232-M-NB-EB8-U

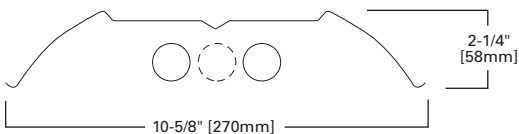
| Width | Series | Number of Lamps (Not Included) | Lamp Type | Optics | Voltage ¹ |
|--|------------------|--------------------------------|---|--|---|
| 8=8' [Blank]=4' | ECS=Ecofit Strip | 1=1 Lamp 2=2 Lamps | 32=32W T8 Lamps (48") 54=54W T5HO Lamp (48") | BC=Ballast/Channel Cover (Covers from 4" to 5-1/4" Wide) M=Medium (Specular Aluminum) W=Wide (White) | NB=No Ballast UNV=Universal Voltage Ballast Included |
| Ballast - Socket Type ¹ | | | | Number of Ballasts | Order Quantity - Packaging |
| T5 Ballasts EBT_=T5 or T5HO Electronic Program Start. Total Harmonic Distortion < 10%. Standard Ballast Factor =1.0 T8 Ballasts EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. EB8_/L=T8 Electronic Instant Start with < 0.80 Ballast Factor. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ² | | | | 1=1 Ballast 2=2 Ballasts [Blank]=No Ballast (NB Options Only) | U=Unit Qty (Packaging will be Determined by Factory) |

NOTES: 1. When using Ecofit Kits without ballasts, indicate ballast type and system to designate shunted or unshunted sockets. Ex: ECS-23 2-M-EB81-10B. 2. Recommended when using retrofits together with motion sensor, daylight harvesting or similar controls.

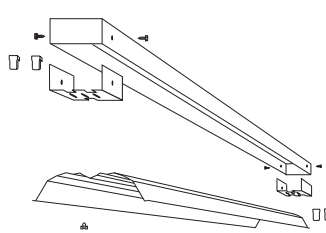


**INDUSTRIAL
RETROFIT KIT
(ECS)**

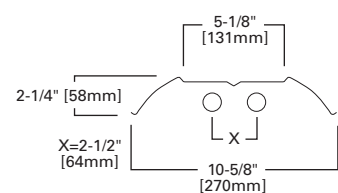
4' or 8', 1 or 2 LAMPS



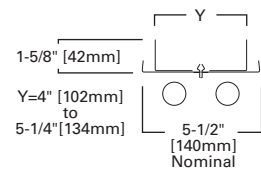
INSTALLATION, 2 LAMP



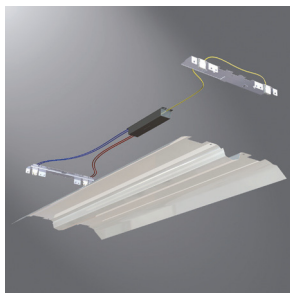
STRIP KIT (WITH REFLECTOR)



STRIP KIT (NO REFLECTOR)



RETROFIT KITS - COMMERCIAL TROFFER OR PARABOLIC



FEATURES

- Save 50% or more in energy over existing 4-lamp T12 luminaires
- Fast and cost-effective solution for saving time and money
- Reuses existing housing and shielding for a below-the-plenum install
- Ready-Set™ captive screws for quick, easy installation
- Installs in less than 10 minutes
- Pre-wired assembly with or without CEE-listed ballast
- One-piece, tool-less reflector eliminates the need for parts bag
- Fits troffers or parabolics as shallow as 3-1/4"
- Optional white optics 97% reflective finish

DIMENSIONS

2' x 2', 2' x 4'

COMMERCIAL RETROFIT KIT (ART)

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Classified



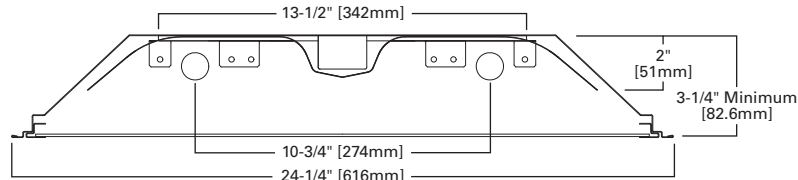
ORDERING INFORMATION

SAMPLE NUMBER: ART-2CRK-232-W-NB-EB8-10B

| Product | Width | Series | Number of Lamps (Not Included) | Wattage (Length) | Distribution |
|---|---|-----------------------------|--------------------------------|--|--|
| ART=Advanced Retrofit Technology | 2=24" Wide | CRK=Commercial Retrofit Kit | 2=2 Lamps 3=3 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 32=32W T8 (48") U1-5/8=31W 1-5/8" U-Lamp (24") ¹ | W=White (Medium) WO=White Optics (High Reflectance) |
| Voltage ² | Ballast Type | | | Number of Ballasts | Packaging |
| NB=No Ballast UNV=Universal Voltage ³ | <p>T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0⁴</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁵ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90⁶</p> <p>T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. ER8_/PLUS=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15</p> | | | 1=1 Ballast 2=2 Ballasts ⁴ [Blank]=No Ballast (NB Option Only) | 10B=Bulk Pack U=Unit Pack (Consult Factory for Other Packaging Options) |

NOTES: 1. 2 lamp 2' x 2' only. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specific. 4. 2 ballasts are required when specifying 3 or more 28T5 lamps. 5. 1-Lamp ballast in a High Ballast factor not available. 6. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only.

COMMERCIAL RETROFIT 2' x 2', 2' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

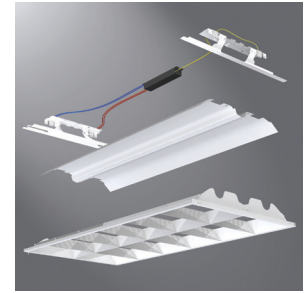
- Ideal for commercial, educational and retail merchandising retrofits
- White louver straight-blade cross-members for optimal light efficiency
- Save 50% or more in energy over existing 4-lamp T12 luminaires
- Fits troffers or parabolics as shallow as 3-1/2"
- Pre-assembled and wired to CEE-listed ballast
- Ready-Set™ captive screws for quick, easy installation in 10 minutes
- One-piece, tool-less reflector eliminates the need for parts bag
- Reuse existing housing to lower installation time and removal cost

DIMENSIONS

2' x 2', 2 x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Classified



**OPTICAHP
RETROFIT KIT
(ART)**

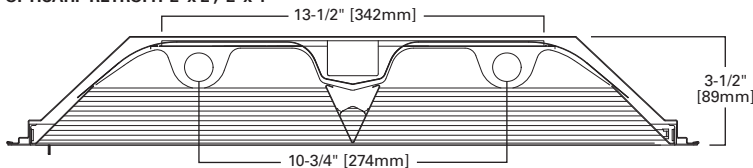
ORDERING INFORMATION

SAMPLE NUMBER: ART-20P-232-UNV-EB81-10B

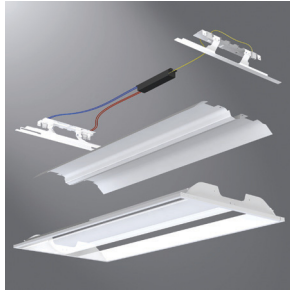
| Product | Width | Series | Number of Lamps (Not Included) | Wattage (Length) | Distribution | Voltage ² |
|--|--|---|--|--|--|--|
| ART=Advanced Retrofit Technology | 2=24" Wide | OP=Optica Retrofit Kit | 2=2 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 254T5=54W T5HO (48") 28T5=28W T5 (48") 32=32W T8 (48") U1-5/8=31W 1-5/8" U-Lamp (24") ¹ | [Blank]=White (Medium) WO=White Optics (High Reflectance) | 120V=120 Volt 277V=277 Volt 347V=347 Volt NB=No Ballast UNV=Universal Voltage ³ |
| Emergency Option | Ballast Type | | | | Number of Ballasts | Packaging |
| EL=Emergency Installed (Consult Factory) | <p>T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁵ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90⁶</p> <p>T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.</p> <p>High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88⁴ HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20⁴ HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79⁴ HR8_T8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88⁴</p> | <p>1=1 Ballast 2=2 Ballasts [Blank]=No Ballast (NB Option Only)</p> | <p>10B=Bulk Pack U=Unit Pack (Consult Factory for Other Packaging Options)</p> | | | |

NOTES: 1. 2 lamp 2'x2' only. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specific. 4. Recommended when using retrofits together with motion sensor, daylight harvesting or similar controls. 5. 1-Lamp ballast in a High Ballast factor not available. 6. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only.

OPTICAHP RETROFIT 2' x 2', 2' x 4'



RETROFIT KITS - ARCHITECTURAL



FEATURES

- Ideal for office, government, educational and retail retrofits
- Architectural-inspired center basket or dual-lens design
- Save 50% or more in energy over existing 4-lamp T12 luminaires
- Pre-assembled and wired to CEE-listed ballast
- Ready-Set™ captive screws for quick, easy installation in 10 minutes
- One-piece, tool-less reflector eliminates the need for parts bag
- Fits troffers or parabolics as shallow as 3-1/2" deep
- Reuse existing housing to lower installation time and removal cost

DIMENSIONS

2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL Classified



ARCDUO, CRUZE
RETROFIT KITS
(ART)

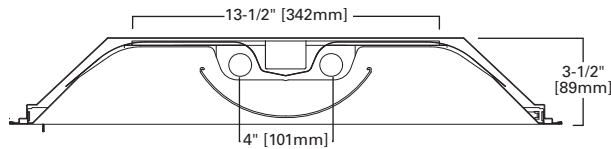
ORDERING INFORMATION

SAMPLE NUMBER: ART-2ARC-232L-UNV-EB81-10B

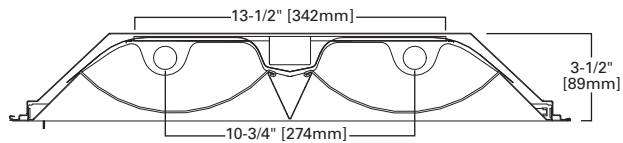
| Product | Width | Series | Number of Lamps (Not Included) | Wattage (Length) | Shielding | Distribution | Voltage ¹ |
|--|---|---|--------------------------------|--|----------------------------------|--|--|
| ART=Advanced Retrofit Technology | 2=24" Wide | ARC=ArcDuo Retrofit Kit CRZ=Cruze Retrofit Kit | 2=2 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO (48") | L=Acrylic Lens Shield (Standard) | [Blank]=White (Medium) WO=White Optics (High Reflectance) | 120V=120 Volt 277V=277 Volt 347V=347 Volt NB=No Ballast UNV=Universal Voltage ² |
| Emergency Option | Ballast Type | | | | | Number of Ballasts | Packaging |
| EL=Emergency Installed (Consult Factory) | <p>T5 Ballasts EBT_T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁴ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90⁵</p> <p>T8 Ballasts EB8_T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.</p> <p>High Performance T8 Ballasts HB8_T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88³ HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20³ HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79³ HR8_T8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88³</p> | | | | | 1=1 Ballast 2=2 Ballasts [Blank]=No Ballast (NB Option Only) | 10B=Bulk Pack U=Unit Pack (Consult Factory for Other Packaging Options) |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specific. 3. Recommended when using retrofits together with motion sensor, daylight harvesting or similar controls. 4. 1-Lamp ballast in a High Ballast factor not available. 5. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only.

CRUZE RETROFIT 2' x 2', 2' x 4'



ARCHOS RETROFIT 2' x 2', 2' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Equipped with energy-saving ballasts
- One-piece, die-formed steel raceway reflector assembly
- Designed to direct 50% more light into the workplace area
- Reflector finish reduces high-angle glare by over 50%
- Optional continuous row mount fixtures available
- Simplified unit or row installation
- Full-access wireway
- Baked white enamel finish
- Optional enhanced recessed silver steel reflector reduces glare

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



RCG SERIES



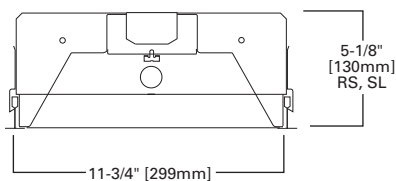
ORDERING INFORMATION

SAMPLE NUMBER: RCG-A-232-120V-EB81-U

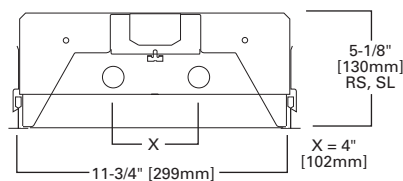
| Tandem | Series | Row Configuration | Rails | Number of Lamps (Not Included) ³ | Wattage |
|---|--|---|--|---|---|
| 8T=8' Length [Blank]=4' Length | RC=Recessed Lighting System | C=Continuous Row (In Row) ¹ E=Continuous Row End (End of Row) ¹ G=Single Fixture ² | [Blank]=Open, No Lens/Rail A=Factory Installed Lens and Rail | 1=1 Lamp 2=2 Lamps 3=3 Lamps | 32=32W T8 (48") 40=40W T12 (48") 48=40W T12 SL (48") 48HO=60W T12HO (48") 48T8HO=44W T8HO (48") 72=55W T12SL (72") 72HO=85W T12HO (72") 72T8HO=65W T8HO (72") 96=75W T12SL (72") ⁴ 96HO=110W T12HO (96") ⁴ 96T8=59W T8SL (96") 96T8HO=86W T8HO (96") |
| SilverLining | Voltage ⁶ | Options | Ballast Type | | |
| [Blank]=White (Standard) ⁵ | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁷ | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | [Blank]=Standard Magnetic Ballast T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. T12 Ballasts EB2_=T12 Electronic Rapid Start | | |
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | FR=Fire Rated Label PI/CPI=Plug-In Option RIF1=Radio Interference Suppressor RLS=Rotor Lock Socket (T8 Lamps Only) TILW=Tandem In-Line Wiring Option | U=Unit Pack | RCG-A-4FT-FRM-U=4' Lens Rail Kit ⁶ RCG-A-4FT-LENS-B=4' Prismatic Acrylic Lens ⁶ RCG-A-6FT-FRM-U=6' Lens Rail Kit ⁶ RCG-A-6FT-LENS-B=6' Prismatic Acrylic Lens ⁶ RCG-A-8FT-FRM-U=8' Lens Rail Kit ⁶ RCG-A-8FT-LENS-B=8' Prismatic Acrylic Lens ⁶ T3 End EQ Bracket=Earthquake Bracket | | |

NOTES: 1. RCC and RCE fixtures do not require cross tees. 2. RCG fixture requires cross tees. 3. 3-lamp fixture available with T8 lamps only. 4. 296 and 296HO with LE3 only available in 120V. 5. Not available on fixtures using HO lamps. 6. Products also available in non-US voltage and frequencies for international markets. 7. Not available when specifying emergencies, voltage must be specified.

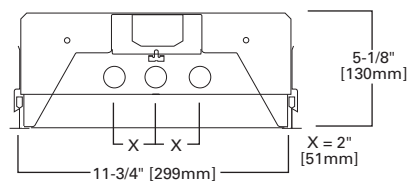
4' or 8', 1 LAMP



4' or 8', 2 LAMP



4' or 8', 3 LAMP



NARROW STRIPLIGHTS



FEATURES

- Flip-up socket feature for faster installation
- Commercial or residential ballast types available
- Heavy-duty, die-formed, cold-rolled steel channel includes knockouts
- Tong hanger groove offered for easy mounting
- Pre-painted material standard; PAF optional
- Tandem 8' lengths
- Optional reflectors in specular or white finishes
- Storage and utility, display case, cove, task and general applications
- Lamps are not included

DIMENSIONS

2', 3', 4', 8'

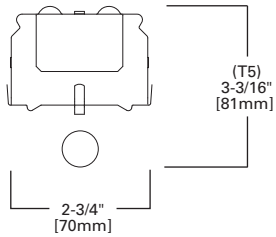
SNF SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

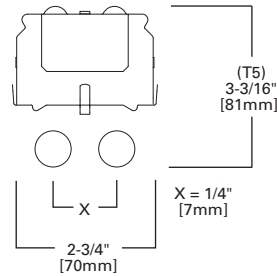
COMPLIANCES: UL/cUL Listed - Damp Location



T5 LAMPS

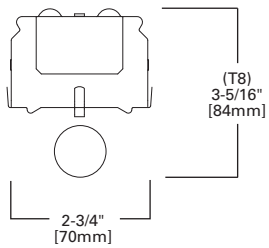


2', 4'
1 lamp T5

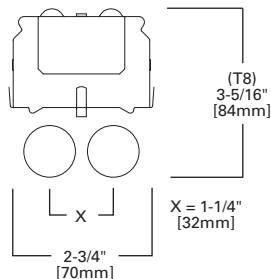


2', 4'
2 lamp T5

T8 LAMPS

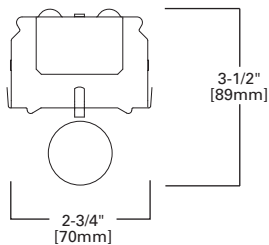


2', 4'
1 lamp T8



2', 4'
2 lamp T8

T12 LAMPS



2', 3'
1 lamp T12

ORDERING INFORMATION

SAMPLE NUMBER: SNF-232-UNV-EB81-U

| Tandem | Series | Number of Lamps (Not Included) | Wattage | Voltage ^{1,3} | Options |
|---|--|--------------------------------|--|--|---|
| 8T=8' Length [Blank]= 2', 3' or 4' Length | SNF=Commercial Narrow Striplight | 1=1 Lamp 2=2 Lamp | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 25=25W T8 (36") 28T5=28W T5 (48") 28T8=28W T8 (48") 32=32W T8 (48") 54T5=54W T5HO (48") | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 | EL=Emergency Installed (Must Specify Battery Pack, See Options) EL4LP=Low Profile Emergency Installed ^{2,3} EL5HOLP=Emergency Installed for T5HO EL5LP=Emergency Installed ² GL=Single Element Fuse GM=Double Element Fuse |

Ballast Type³

T5 Ballasts

EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Standard Ballast Factor=1.0

Ballast Factor/Type (For 28WT5 and 14WT5 Lamps Only)

H=High Light Output 1.15 BF⁴

HDIM=High 1.15 BF Step Dimming⁵

N=Normal Light Output .95 BF

NDIM=Normal .95-1.0 BF Step Dimming⁶

T8 Ballasts

EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%.

EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15

ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

High Performance T8 Ballasts

HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%.
Standard Ballast Factor .86 - .88

HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%.
High Ballast Factor 1.15 - 1.20

HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82

HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0

HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

Standard Ballast Factor .86 - .88

HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Step Dimming. Ballast Factor .88

HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
High Ballast Factor 1.15 - 1.20

HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Low Ballast Factor .71 - .79

T12 Ballasts

EB2_=T12 Electronic Rapid Start. Total Harmonic Distortion < 20% (30 Watt Only)

LE3=T12 Magnetic Energy Saving

| Number of Ballasts | Options | Packaging | Accessories (Order Separately) |
|-----------------------------|---|--|--|
| 1=1 Ballast 2=2 Ballasts | 6-3/18 SJT-C&P 515P=Locking Cord and Plug (120V) (15 AMP) ⁷ 6-3/18 SJT-C&P-L715P=Locking Cord and Plug (277V) (15 AMP) ⁷ PI/CPI=Plug-In Option ⁷ RIF1=Radio Interference Suppressor | 4B=4 Bulk Packing (48" and 96") U=Unit Pack | A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) AYC-Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture) EYE-CHAIN/SET-B=Eye Bolt Chain (Use 1 Set Per Fixture) SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) SNF-ASY-3=3" Asymmetric Reflector (Specify 18", 2', or 3') ⁸ SNF-ASY-4=3" Asymmetric Reflector (Specify 2', 3', or 4') ⁸ SNF-ASY-4T5=3" Asymmetric Reflector (Specify 2' or 4') ⁸ SNF-REV-3=Reverse Asymmetric Reflector (Specify 18", 2', or 3') ⁸ SNF-REV-4=Reverse Asymmetric Reflector (Specify 2', 3', or 4') ⁸ SNF-REV-4T5=Reverse Asymmetric Reflector (Specify 2' or 4') ⁸ SNF-SYM-3=6" Symmetric Reflector (Specify 18", 2', or 3') ⁸ SNF-SYM-4=6" Symmetric Reflector (Specify 2', 3', or 4') ⁸ SNF-SYM-4T5=6" Symmetric Reflector (Specify 2' or 4') ⁸ TOGGLE=Single Toggle Number 2 (Specify Length) WG/SNF-2FT=2' Wire Guard WG/SNF-3FT=3' Wire Guard WG/SNF-4FT=4' Wire Guard WG/SNFT5-4FT=4' Wire Guard Y-TOGGLE=Y Toggle Number 2 (Specify Length) |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available for 2' units. 3. Maximum width clearance for ballast in channel is 2-7/32". 4. 1-Lamp ballast in a High Ballast factor not available. 5. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 6. 1 Lamp step dimming ballast in normal ballast factor not available. 2-lamp ballast will not operate 1 lamp. 7. Socket brackets left uninstalled. 8. For SilverLining reflector add SS in Catalog Number, Example: SNF-ASY-SS-4.

WIDE VERSION STRIPLIGHT



FEATURES

- Flip-up socket feature for faster installation out of the box
- Die-formed cold-rolled steel channel construction with numerous KOs
- Pressure lock lampholders (RS), spring loaded lampholders (SL)
- Easy wireway access/wireway cover removed without tools
- Pre-painted material standard; PAF optional
- Tandem 8' lengths
- Optional reflectors in silver-lined reflector finish
- Storage or utility area, cove or display case application
- Lamp not included

DIMENSIONS

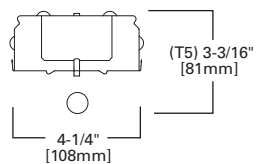
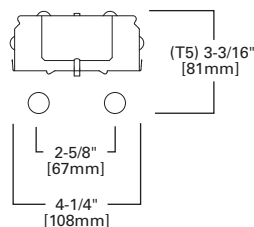
2', 3', 4', 8'

SSF SERIES

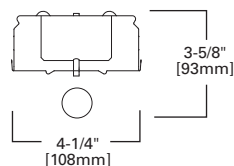
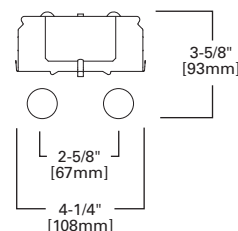
Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location

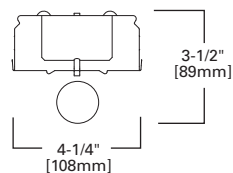
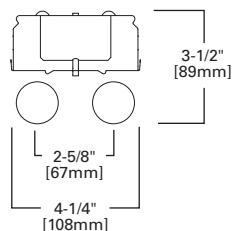
T5/T5HO LAMPS

2', 4'
T5 or T5HO 1 lamp2', 4'
T5 or T5HO 2 lamp

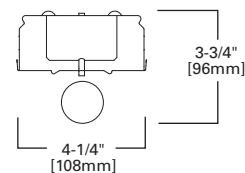
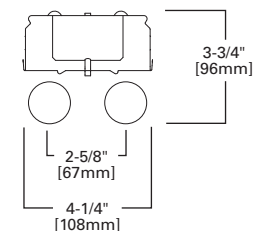
T8/SLIMLINE LAMPS

2', 3', 4'
T8 or Slimline 1 lamp2', 3', 4'
T8 or Slimline 2 lamp

T12 LAMPS

2', 3'
T12 1 lamp2', 3'
T12 2 lamp

SLIMLINE/T12HO LAMPS

4', 8'
Slimline or T12HO 1 lamp4', 8'
Slimline or T12HO 2 lamp

ORDERING INFORMATION

SAMPLE NUMBER: SSF-232-UNV-EB81-U

| Tandem | Series ¹ | Number of Lamps (Not Included) ² | Wattage | | Ballast Start Type |
|---|---|---|--|--|--|
| 8T=8' Lengths [Blank]=2', 3' or 4' Length | SSF=Wide Version Striplight | 1=1 Lamp 2=2 Lamps 3=3 Lamps ³ 4=4 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 20=20W T12 (24") 21T5=21W T5 (36") 24T5=24W T5HO (24") ⁴ 25=25W T8 (36") 28T5=28W T5 (48") 28T8=28W T8 (48") ⁵ 30=30W T12 (36") | 32=32W T8 (48") 40=40W T12 (48") 48HO=60W T12HO (48") 48T8HO=44W T8HO (48") 54T5=54W T5HO (48") ⁴ 96=75W T12 SL (96") 96HO=110W T12HO (96") 96T8=59W T8SL (96") 96T8HO=86W T8HO (96") | HRS=High Rapid Start (30W Only) (120V Only) HTS=High Trigger Start (20W Only) LRS=Low Rapid Start (30W Only) (120V Only) LTS=Low Trigger Start (20W Only) (120V Only) |
| Voltage ⁶ | | Options ⁶ | Ballast Type | | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁷ | | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ^{8,9} EL4=Emergency Installed ^{9,10} EL5=Emergency Installed EL5HO=Emergency Installed for T5HO EL8=Emergency Installed ¹¹ GL=Single Element Fuse GM=Double Element Fuse | T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ¹² EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ¹³ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹⁴ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹⁵ T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79 T12 Ballasts EB2_=T12 Electronic Rapid Start. Total Harmonic Distortion < 20% LE3=T12 Magnetic Energy Saving | | |
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts | 6-3/18 SJT-C&P 515P=Locking Cord and Plug (120V) (15 AMP) ¹⁵ 6-3/18 SJT-C&P-L715P=Locking Cord and Plug (277V) (15 AMP) ¹⁶ PI/CPI=Plug-In Option ¹⁶ RIF1=Radio Interference Suppressor TILW=Tandem Inline Wiring | 4B=4 Bulk Packing (48" and 96") U=Unit Pack | A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) AYC-Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture) CLC-SSF=Long Channel Connector SSF GRP-SSF=Gripper Hanger (Use 2 Per Fixture) ICF-4FT-REFL=12" Symmetric Reflector SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) SSF-ASY-3=3" Asymmetric Reflector (Specify 2' or 3') ¹⁷ SSF-ASY-4=3" Asymmetric Reflector (Specify 2', 3', or 4') ¹⁷ SSF-ASY-4T5=3" Asymmetric Reflector (Specify 2' or 4') ¹⁷ SSF-REV-3=3" Asymmetric Reverse Reflector (Specify 2' or 3') ¹⁷ SSF-REV-4=3" Asymmetric Reverse Reflector (Specify 2', 3', or 4') ¹⁷ SSF-REV-4T5=3" Asymmetric Reverse Reflector (Specify 2' or 4') ¹⁷ SSF-SYM-3=6" Symmetric Reflector Specify (2' or 3') ¹⁷ SSF-SYM-4=6" Symmetric Reflector Specify (2', 3' or 4') ¹⁷ SSF-SYM-4HO=6" Symmetric Reflector (2-Lamp Only), Specify (4' or 8') ¹⁷ SSF-SYM-4T5=6" Symmetric Reflector Specify (2' or 4') ¹⁷ SSF-SYM12-4HO=12" Symmetric Reflector (2-Lamp Only), Specify (4' or 8') ¹⁷ TOGGLE=Single Toggle Number 2 (Specify Length) WG/SSF-2FT=2' Wire Guard WG/SSF-3FT=3' Wire Guard WG/SSF-4FT=4' Wire Guard Y-TOGGLE=Y Toggle Number 2 (Specify Length) | | |

NOTES: 1. Steel endplates with 7/8" KO standard for continuous row mounting. 2. 2 point suspension recommended (up to 4'). 3. Available in 28T8 and 32 watt. Requires two ballasts for tandem option. 4. Not for temperatures that exceed 40°C (102°F). 5. HPT8 Ballast required with 28W T8 lamps. 6. Products also available in non-US voltage and frequencies for international markets. 7. Not available when specifying emergencies, voltage must be specified. 8. Not available for 2' units. 9. For other emergency options specify manufacturer part number and consult the factory for availability (example: EL-FBP240H). 10. Not available for 2' units. 11. For other emergency options specify manufacturer part number and consult the factory for availability (example: EL-180). 12. 1-Lamp ballast in a High Ballast factor not available. 13. Step Dimming ballast available for 28W T5 and 14WT5 lamps only. 14. .90 ballast factor available for 2 28W T5 lamps only. 15. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 16. Socket brackets left uninstalled. 17. For SilverLining reflector add SS in Catalog Number, Example: SSF-ASY-SS-4.

HEAVY DUTY STRIPLIGHT



FEATURES

- Die-formed channel with white enamel finish
- Spring-loaded or rotor lampholders available
- Easy wireway access/wireway cover removed without tools
- Numerous knockouts for easy installation
- Also available in tandem 8' lengths

DIMENSIONS

4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location

SMF SERIES



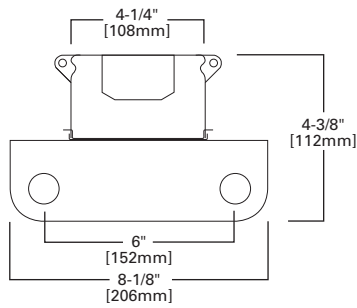
ORDERING INFORMATION

SAMPLE NUMBER: SMF-232-120V-EB81-U

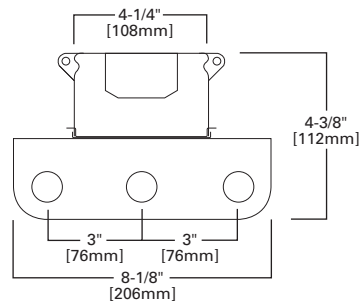
| Tandem | Series ¹ | Number of Lamps (Not Included) | Wattage (Length) | Voltage ² | Options |
|--|--------------------------------------|---|---|--|---|
| 8T=8' Length [Blank]=4' Length | SMF=Commercial Heavy Duty Striplight | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 32=32W T8 (48") 48T8HO=44W T8HO (48") 96=59W T8SL (96") 96HO=86W T8HO (96") | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | Number of Ballasts | Options | | Packaging |
| T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | PI/CPI=Plug-In Option RIF1=Radio Interference Suppressor RLS=Rotor-Lock Socket (T8 Lamps Only) TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page). | | U=Unit Pack |

NOTES: 1. For SilverLining reflector add SS in Catalog Number, Example: STM-SS-SYM-6. 2. Products also available in non-US voltage and frequencies for international markets.

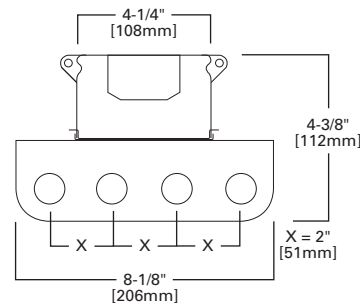
4', 6' or 8', 2 LAMP



4', 6' or 8', 3 LAMP



4', 6' or 8', 4 LAMP



NARROW, STAGGERED STRIPLIGHT

FEATURES

- For shadow-free continuous illumination in cove lighting applications
- Die-formed channel with baked white enamel finish
- Numerous knockouts for easy installation
- Easy wireway access/wireway cover removed without tools
- Surface- or pendant-mounted, individually or in rows

DIMENSIONS

2', 3', 4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



SNL, SSL SERIES

ORDERING INFORMATION⁴

SAMPLE NUMBER: SSL-232-120V-EB81-U

| Tandem | Series | Number of Lamps | Wattage | Voltage ² | Options ⁴ |
|--|--|-----------------------|---|---|---|
| 8T=8' Lengths [Blank]=2', 3' or 4' Lengths | SNL=Narrow Staggered Striplight SSL=Wide Staggered Striplight | 1=1 Lamp 2=2 Lamps | 17=17W T8 (24") 25=25W T8 (36") 32=32W T8 (48") 96T8=59W T8SL (96") ¹ 96T8HO=86W T8HO (96") ¹ | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ³ | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |
| Ballast Type | | | Number of Ballasts | Options | Packaging |
| T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | (See Options and Accessories) PI/CPI=Plug-In (1, 2 or 3) TILW=Tandem Inline Wiring | U=Unit Pack |

NOTES: Δ For complete product data, reference the Fluorescent Specification binder. Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information. 1. 96" High Output available in T8 only. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specified. 4. Sufficient starter kits are provided with each fixture for multiple fixture rows. If rows consist of only one fixture, an additional row starter kit must also be ordered.

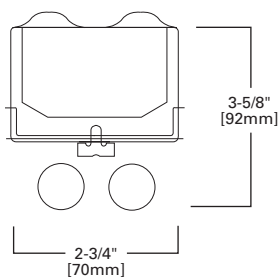
ORDERING INFORMATION⁴

SAMPLE NUMBER: SNL-2 (Additional Starter Kits)

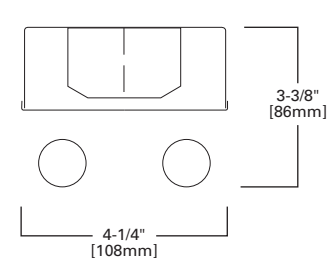
| Series | Number of Lamps | Type |
|---|-----------------------|--|
| SNL=Narrow Staggered Striplight SSL=Staggered Striplight | 1=1 Lamp 2=2 Lamps | [Blank]=Bipin Rapid Start Lamp SL=Slimline or HO Lamp |

NOTES: Δ Sufficient starter kits are provided with each fixture for multiple fixture rows. If rows consist of only one fixture, an additional row starter kit must also be ordered.

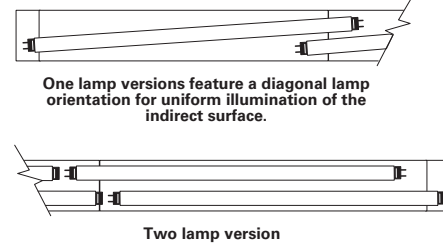
SNL 2', 3' or 4'



SSL 2', 3', 4' or 8'



LAMP ORIENTATION



SIDE MOUNTED, RIGHT ANGLE, STAGGERED STRIPLIGHT



FEATURES

- Die-formed channel with numerous knockouts for easy installation
- Pressure lock lampholders ensure lamps are secure
- Easy wireway access/wireway cover removed without tools
- Lamps not included
- For shadow-free continuous illumination in cove lighting applications
- Ideal for cove, specialty showcase, signage and display lighting

DIMENSIONS

2', 3', 4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp LocationSNSM, SNRA,
SMSL SERIES

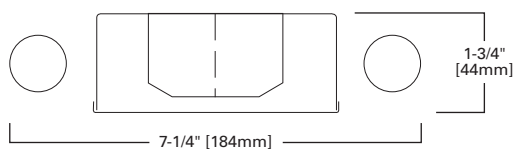
ORDERING INFORMATION

SAMPLE NUMBER: SMSL-232-UNV-EB81-U

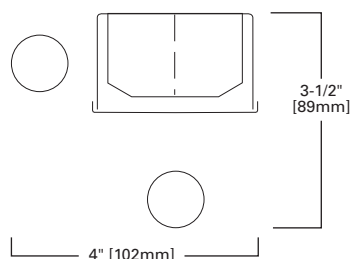
| Tandem | Series | Number of Lamps (Not Included) ¹ | Wattage | Ballast Start Type | Voltage ² |
|---|--|---|---|--|---|
| 8T=8' Length [Blank]=2', 3' or 4' Lengths | SMSL=Side Mounted Staggered Striplight SNRA=Right Angle Striplight SNSM=Side Mounted Striplight | 1=1 Lamps 2=2 Lamps 3=3 Lamps (SNRA Only) | 17=17W T8 (24") 20=20W T12 (24") ² 25=25W T8 (36") 30=30W T12 (36") ² 32=32W T8 (48") 40=40W T12 (48") | HRS=High Rapid Start (3' or 4') (T12 Only) HTS=High Trigger Start (20W Only) LRS=Low Rapid Start (3' or 4') (T12 Only) (120V Only) LTS=Low Trigger Start (20W Only) (120V Only) | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ³ |
| Options | Ballast Type | Number of Ballasts | | Options | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | [Blank]=Standard Magnetic Ballast T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. T12 Ballasts EB2=T12 Electronic Rapid Start | 1=1 Ballast 2=2 Ballasts | | FR=Fire Rated Label PAF=Painted After Fabrication RIF1=Radio Interference Suppressor RLS=Rotor Lock Socket (T8 Lamps Only) | |
| Packaging | Accessories (Order Separately) | | | | |
| U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips | | | | |

NOTES: 1. Lamps not included. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specified.

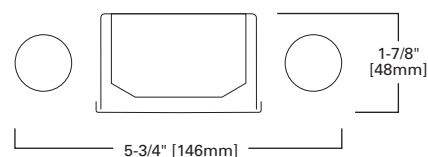
SMSL 2', 3' or 4'



SNRA 2', 3' or 4'



SNSM 2', 3' or 4'



FEATURES

- Equipped with energy-saving ballasts
- Low-profile modular look
- Die-formed housing
- Surface- or stem-mount in single or continuous row
- End and side panels secured with interlocking tabs
- Full-seam welded corners
- Dihedral recessed-top design for cooler operation
- Reinforced quadra-sealed, flat-white, steel door and mitered corners
- Spring-loaded cam latch and T-hinge

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



M SERIES

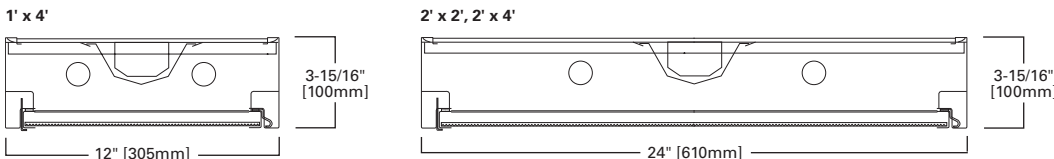


ORDERING INFORMATION⁴

SAMPLE NUMBER: 2M-314T5A-UNV-EBT2-U

| Width | Series ^{1,2} | Door Frame | Number of Lamps (Not Included) ³ | Wattage |
|---|--|--|---|---|
| 2=2' Width [Blank]=1' Width | M=1' Width (3 Lamp), 2' Width MC=1' Width (2 Lamp) | [Blank]=Flat White Steel Door (Standard) FA=Flush White Extruded Aluminum c/w Spring Latch FAB=Flush Black Extruded Aluminum FAN=Flush Natural Anodized Extruded Aluminum RA=Regressed White Extruded Aluminum (3/8") RAB=Regressed Black Extruded Aluminum (3/8") RAN=Regressed Natural Anodized Extruded Aluminum (3/8") | 1=1 Lamp ⁴ 2=2 Lamps 3=3 Lamps 4=4 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5O (24") 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO (48") BX40=40W Biax (24") ⁵ U15/8=31W T8 (24") ⁵ U6T8=31W T8 (24") ^{5, 6} |
| Lens | | Voltage ⁷ | Options | |
| A=#12 Acrylic Pattern A125=#12 Pattern Acrylic (.125" Thickness) A19/156=#19 Pattern Acrylic (.156" Thickness) PB1S=Silver Parabolic Louver (1/2" x 1/2" x 1/2") | | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁸ | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | |
| Ballast Type | | | | |
| Biax Ballasts EB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. ⁹ TEB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. ⁹ | | T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | |
| T5 Ballasts EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 | | | | |
| Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ¹⁰ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ¹¹ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹² EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹³ | | | | |
| Number of Ballasts ¹⁴ | Options | Packaging | Accessories (Order Separately) | |
| 1=1 Ballast 2=2 Ballasts | BE=Black Exterior EKO=End plate with 7/8" KO (Required for Continuous Row Mounting) RIF1=Radio Interference Suppressor RLS=Rotor Lock Socket (T8 Lamps Only) SMB=Side Mount Ballast VRS=Vandal Resistant Screws ¹⁵ | U=Unit Pack | SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) | |

NOTES: 1. Full seam welded corners on 1'x4', 2'x2', 2'x4' fixtures. 2. 2'x2', 2'x4' require 4-point suspension, side mounted ballast recommended. 3. 1'x4' 3-lamp, 2'x4' 3 and 4-lamp have side mounted ballasts covers. 4. 1'x4' only. 5. 2' x 2' only. 6. 2 lamps only. 7. Products also available in non-US voltage and frequencies for international markets. 8. Not available when specifying emergencies, voltage must be specified. 9. Not available in UNV voltage. Must specify voltage. 10. 1 lamp ballast in high ballast factor not available. 11. Step Dimming ballast available for 2 or 3 T5 lamps only. 12. .90 ballast factor available for 2 or 3 T5 lamps. 13. 1-lamp step dimming ballast in normal ballast factor not available. 2-lamp ballast will not operate 1-lamp. 14. For 3 and 4 lamp T5/T5HO configurations, minimum (2) ballasts required. 15. Available on flat doors only.



SURFACE MODULAR WRAP



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Seam-welded corners for a clean, finished exterior
- Architectural low-profile design with full luminous refractor sides
- Micro-base prisms for excellent lamp image control
- Square, conical prisms in IMA lens for precision light control
- Unique refractor design conceals lamp image and controls brightness
- Sonically welded, injection-molded refractor end caps
- Secure, positive lens attachment with hinge feature
- Smooth sides permit flush-mount continuous row installation

DIMENSIONS

4', 8'

SA SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location, CSA Listed



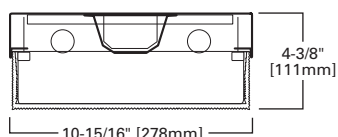
ORDERING INFORMATION

SAMPLE NUMBER: SA-432IMA-UNV-EB81-U

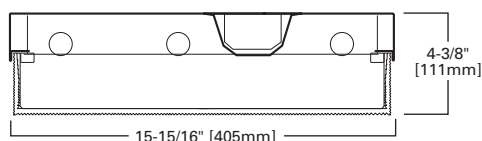
| Tandem | Series | Width | Number of Lamps (Not Included) | Wattage | Lens | Voltage ⁵ |
|---|--|--|--|--|---|---|
| 8T=8' Length (Uses 4' Door Frame Sections) ¹ [Blank]=4' Length | SA=Series | [Blank]=Standard A=Wide Body for 2 Lamps ^{2,3} | 2=2 Lamps 3=3 Lamps ⁴ 4=4 Lamps | 28T8=28W T8 (48") 32=32W T8 (48") | A=Acrylic Refractor Lens IMA=Injection Molded Acrylic Lens | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ |
| Options | Ballast Type | Number of Ballasts | | Options | Packaging | |
| EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse | T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | | EKO=End Plate with 7/8" KO (Required for Continuous Row Mounting) PI/CPI=Plug-In Option | U=Unit Pack | |

NOTES: 1. 8T available in 2-lamp only. 2. Wide body available in 4' units only. 3. Must specify lamp spacing by adding IB or OB as a suffix: IB (Inboard)=5 1/2" lamp spacing; OB (Outboard)=11" lamp spacing. 4. Stem Mounting not available on 3-lamp fixtures. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified.

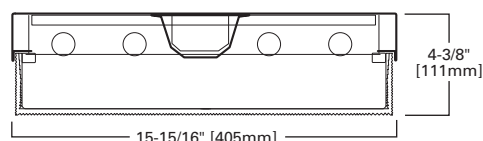
4', 2 LAMP (IMA)



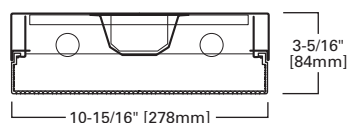
4', 3 LAMP (IMA)



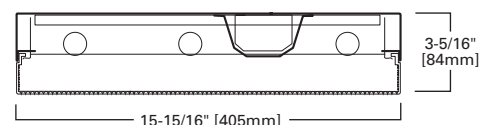
4', 4 LAMP (IMA)



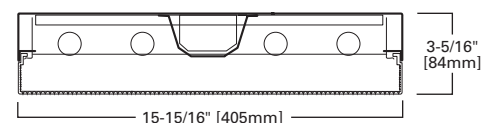
4', 2 LAMP (A)



4', 3 LAMP (A)



4', 4 LAMP (A)

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Equipped with energy-saving ballasts
- Reinforced quadra-sealed, flat-white, steel door and mitered corners
- Self-locking spring loaded latches/T-hinges
- Deep "V" raceway/ballast cover distributes light uniformly across lens
- Lamp-to-lens spacing produces high-comfort photometrics
- Four auxiliary fixture-end suspension points provided
- End plate grid-lock feature

DIMENSIONS

1' x 4', 2' x 2', 2' x 4', 20" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, City of Chicago Approved



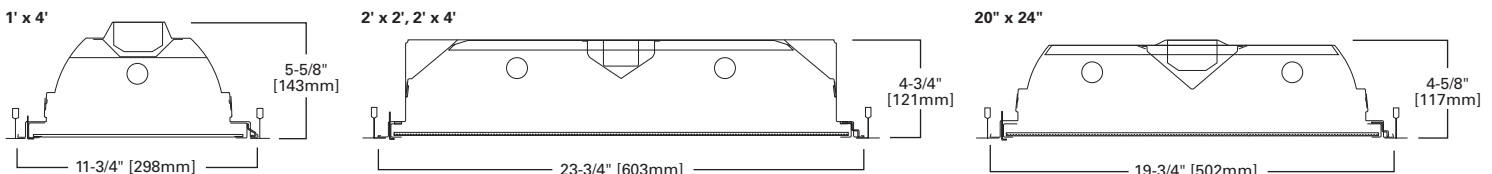
GC SERIES

ORDERING INFORMATION

SAMPLE NUMBER: 2GC-228T5A-UNV-EBT1-U

| Rating | Width | Trim Type | Series | Doorframes | Width ⁹ |
|---|--|---|--|--|--|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | F=Aluminum Flange Trim ¹⁷ G=Concealed-T/Slot Grid ¹⁸ G=Grid/Lay-in (Standard) | C=Specification Deep Troffer | [Blank]=Flat White Steel Door (Standard) FA=Flush White Extruded Aluminum c/w Spring Latch FAB=Flush Black Extruded Aluminum FAN=Flush Natural Anodized Extruded Aluminum RA=Regressed White Extruded Aluminum (3/8") RAB=Regressed Black Extruded Aluminum (3/8") RAN=Regressed Natural Anodized Extruded Aluminum (3/8") | 2024=20" Width x 24" Length 2048=20" Width x 48" Length |
| White Optics | Number of Lamps (Not Included) | Wattage (Length) | | Shielding | Voltage ⁷ |
| WO=97% Reflective White Optics Finish | 1=1 Lamp 2=2 Lamps 3=3 Lamps ⁴ 4=4 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 28T8=28W T8 (48") | 32=32W T8 (48") 54T5=54W T5HO (48") BX40=40W Biax (24") U15/8=31W T8 (24") ⁵ U6T8=32W T8 (24") ⁶ | A=#12 Pattern Acrylic A125=#12 Pattern Acrylic (.125" Thickness) A19/156=#19 Pattern Acrylic (.156" Thickness) DA=Dropped Dish Matte White Acrylic IMA48=Injection Molded Acrylic (.150" Thickness) PB1S=1/2"x1/2"x1/2" Silver Parabolic Louver (Styrene) | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁸ |
| Options | | Ballast Type | | | |
| EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁹ Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | | Biax Ballasts EB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. TEB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 ¹¹ Ballast/ Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ¹² EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ¹³ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹¹ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹⁴ T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | |
| Number of Ballasts | Options ¹⁵ | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts | LAO=Less Access Opening PAF=Painted After Fabrication RLS=Rotor-Lock Socket (T8 Lamps Only - Standard on T5) | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ¹⁶ | | |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. Louver is recessed by 5/16" in Concealed T or Slot Grid T. 3. White optics not available for 2024 and 2048. 4. Standard off-center ballast on 3-lamp fixtures. 5. 3 Lamps maximum for U1-5/8. 6. 2 Lamps maximum for U6T8. 7. Products also available in non-US voltage and frequencies for international markets. 8. Not available when specifying emergencies, voltage must be specified. 9. Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. 10. HPT8 Ballast required with 28W T8 lamps. 11. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 12. 1-Lamp ballast in high ballast factor is not available. 13. Step Dimming ballast available for 2 or 3 14WT5 or 28W T5 lamps only. 14. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 15. See Options or Accessories. 16. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 17. Specify row configuration, type in catalog number when ordering complete fixtures. 18. Louver is recessed by 5/16" in Concealed T or Slot Grid T.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

COMMERCIAL GRADE T8 TROFFER



FEATURES

- Optimized for T8 lamps
- Equipped with energy-saving ballasts
- Superior lens brightness uniformity
- Reinforced flat steel door or regressed aluminum door available
- Positive spring-loaded steel latches and safety lock T-hinges
- 90% reflective white enamel finish for superior performance
- Micro ballast cover reduces ballast shadow and has tool-less access
- Features full-length, die-formed stiffeners and unibody endplate
- Ample knockouts provided for continuous row wiring

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

GC8 SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

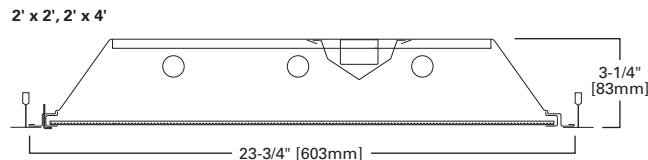
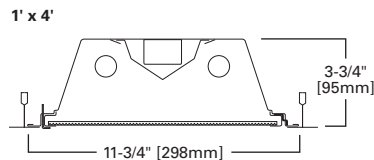
COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, IC Rated, City of Chicago Approved

ORDERING INFORMATION

SAMPLE NUMBER: 2GC8-332A-UNV-EB81-U

| Rating | Width | Trim Type | Series | Type | Doorframes | Number of Lamps (Not Included) |
|--|--|---|--|---|--|---|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | F=Aluminum Flange Trim ⁹ G=Concealed-T/Slot Grid ¹⁰ G=Grid/Lay-in (Standard) | C8=Commercial T8 Troffer | IC=IC Rated | [Blank]=Flat White Steel Door (Standard) FA=Flush White Extruded Aluminum c/w Spring Latch FAB=Flush Black Extruded Aluminum FAN=Flush Natural Anodized Extruded Aluminum RA=Regressed White Extruded Aluminum (3/8") RAB=Regressed Black Extruded Aluminum (3/8") RAN=Regressed Natural Anodized Extruded Aluminum (3/8") | 2=2 Lamps 3=3 Lamps ² 4=4 Lamps ³ |
| Wattage (Length) | Shielding | Option - Aluminum Flange Trim ¹ | | Voltage ⁴ | Options | |
| 17=17W T8 (24") 28T8=28W T8 (48") 32=32W T8 (48") BX40=40W Biax (24") U15/8=31W T8 (24") U6T8=32W T8 (24") | A=#12 Pattern Acrylic A125=#12 Pattern Acrylic (.125" Thickness) A19/156=#19 Pattern Acrylic (.156" Thickness) DA=Dropped Dish Matte White Acrylic IMA48=Injection Molded Acrylic (.150" Thickness) PB1S=1/2" x 1/2" x 1/2" Silver Parabolic Louver (Styrene) | [Blank]=SW (Single White) EN=End of Row Natural EW=End of Row White RN=In Row Natural RW=In Row White SN=Single Natural SW=Single White | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁵ | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) | | |
| Ballast Type | | | | | | |
| Biax Ballasts EB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. ⁶ ER5 =T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%. TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. ⁶ | | | High Performance T8 Ballasts HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | |
| T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | | | | | |
| Number of Ballasts | Options ⁷ | Packaging | Accessories (Order Separately) | | | |
| 1=1 Ballast 2=2 Ballasts | FR=Fire Rated Label PAF=Painted After Fabrication | PAL=Job Pack, out of carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips ⁸ FCS-14W-U=1' x 4' Field Installed Flange Kit FCTKA-22W-U=2' x 2' Field Installed Flange Kit FCTKA-24W-U=2' x 4' Field Installed Flange Kit | | | |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. Standard off-center ballast on 3-lamp fixtures. 3. Not available for 1'x4'. 4. Products also available in non-US voltage and frequencies for international markets. 5. Not available when specifying emergencies, voltage must be specified. 6. Not available in UNV voltage. Must specify voltage. 7. See Options or Accessories. 8. Recommended for all 9/16" ceiling systems. Four per fixture. 9. Specify row configuration, type in catalog number when ordering complete fixtures. 10. Louver is recessed by 5/16" in Concealed T or Slot Grid T.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Shallow, low-profile housing
- Spring-loaded steel latches and safety lock T-hinges
- Rotolock T5 lampholders
- Ballast cover easily removed without tools
- Full-length mechanical light-traps and positive end light seals
- Die-formed housing with full-length stiffeners
- End plate grid-lock feature
- Four auxiliary fixture-end suspension points provided
- Field-installation flange kit available, for drywall applications,

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, City of Chicago Approved



GR5 SERIES

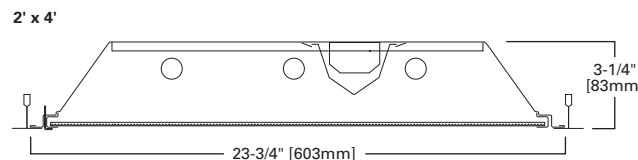
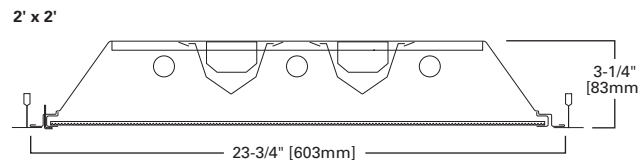
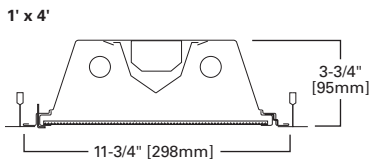


ORDERING INFORMATION

SAMPLE NUMBER: 2GR5-228T5A-UNV-EBT1-U

| Rating | Width | Trim Type | Series | Number of Lamps (Not Included) ² | Wattage | Shielding |
|---|---|---|--|--|--|--|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | F=Aluminum Flange Trim ¹⁶ G=Concealed-T/Slot Grid ¹⁷ G=Grid/Lay-in (Standard) | R5=General Purpose T5 Commercial Troffer ¹ | 1=1 Lamp 2=2 Lamps 3=3 Lamps 4=4 Lamps ³ | 14T5=14W T5 (24") 24T5=24W T5HO (24") 28T5=28W T5 (48") 54T5=54W T5HO (48") | A=#12 Acrylic Pattern A125=#12 Pattern Acrylic(.125" Thick) A19/156=#19 Pattern Acrylic (.156" Thick) PB1S=Silver Parabolic Louver (1/2" x 1/2" x 1/2") |
| Voltage ⁴ | Options | | Ballast Type ⁷ | | | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁵ | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) ⁶ | | T5 Ballasts EBT_ <u>T</u> =T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast/ Factor Type (T5) EBT_ <u>H</u> =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ⁸ EBT_ <u>HDIM</u> =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15 ^{9, 10} EBT_ <u>N</u> =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ¹¹ EBT_ <u>NDIM</u> =T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹² | | | |
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) | | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | FR=Can be installed in a Fire Rated Ceiling | U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips FCS-14W-U=1' x 4' Field Installed Flange Kit ⁶ FCTKA-22W-U=2' x 2' Field Installed Flange Kit ⁶ FCTKA-24W-U=2' x 4' Field Installed Flange Kit ⁶ | | | |

NOTES: 1. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 2. Standard off-center ballast compartment on 3-lamp fixtures. 3. Available with lens only. 4. Products also available in non-US voltage and frequencies for international markets. 5. Not available when specifying emergencies, voltage must be specific. 6. See Options or Accessories. 7. Minimum 2 ballast required for 4 lamp T5HO configurations. 8. 1-Lamp ballast in a High Ballast factor not available. 9. Step Dimming ballast available for 2 28W T5 lamps only. 10. Step Dimming ballast available for 2 14W T5 lamps only. 11. .90 ballast factor available for 2 lamps only. 12. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 13. Step Dimming ballast available for 2 or 3 28W T5 lamps only. 14. 2 lamps only. 15. Step Dimming ballast available for 2 or 3 14W T5 lamps only. 16. Specify row configuration, type in catalog number when ordering complete fixtures. 17. Louver is recessed by 5/16" in Concealed T or Slot Grid T.



COMMERCIAL GRADE T8 TROFFER



FEATURES

- Optimized for T8 lamps
- Shallow, low-profile housing
- Ballast cover easily removed without tools
- Positive spring-loaded steel latches and safety lock T-hinges
- Full-length stiffeners and unibody end plate for added strength
- Reinforced flat white, steel door and reinforced mitered corners
- Full-width mechanical light traps
- Ample knockouts provided for continuous row wiring

DIMENSIONS

1' x 4', 2' x 2', 2' x 4'

GR8 SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, IC Rated, City of Chicago Approved

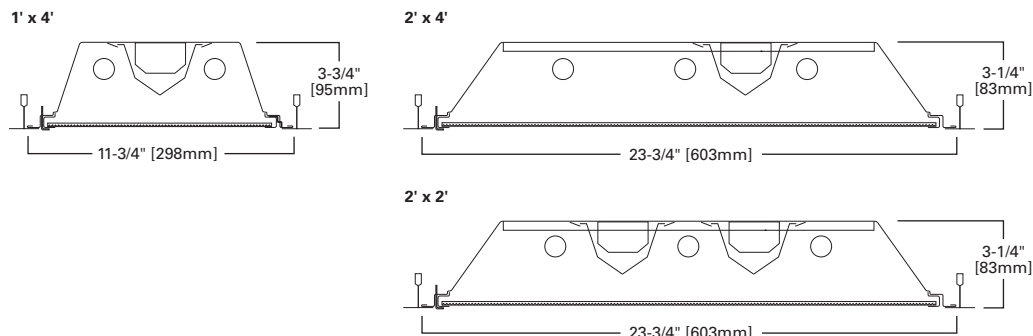


ORDERING INFORMATION

SAMPLE NUMBER: 2GR8-332A-UNV-EB81-U

| Rating | Width | Trim Type | Series | Type | Number of Lamps (Not Included) ¹ | Wattage (Length) |
|--|---|--|---|----------------|---|---|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | F=Aluminum Flange Trim ⁹ G=Concealed-T/Slot Grid ¹⁰ G=Grid/Lay-in (Standard) | R8=General Purpose T8 Commercial Troffer | IC=IC Rated | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 17=17W T8 (24") 28T8=28W T8 (48") 32=32W T8 (48") BX40=40W Biax (24") U1-5/8=31W T8 (24") ² U6T8=32W T8 (24") ² |
| Shielding | | Voltage ³ | Options | | | |
| A=#12 Acrylic Pattern A125=#12 Pattern Acrylic (.125" Thickness) A19/156=#19 Pattern Acrylic (.156" Thickness) PB1S=Silver Parabolic Louver (1/2" x 1/2" x 1/2") | | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁴ | EL=Emergency Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) ⁵ | | | Lamps Installed Blank=No Lamps Installed (Refer to Lamp Ordering Options) L8835=T8 Lamp, 28W and 32W, 3500K L8835HL=T8 Lamp, 28W and 32W, 3500K, 3100 Lumens L8841=T8 Lamp, 28W and 32W, 4100K L8841HL=T8 Lamp, 32W, 4100K, 3100 Lumens |
| Ballast Type | | | | | | |
| Biax Ballasts EB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. ^{6,7} ER5 =T5 Biax Electronic Program Rapid Start. Total Harmonic Distortion < 10%. TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. ^{6,7} | | | High Performance T8 Ballasts HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | |
| T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | | | | | |
| Number of Ballasts | Options | | | Packaging | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | FR=Can be installed in a Fire Rated Ceiling | | | U=Unit Pack | | |

NOTES: 1. Standard off-center ballast on 3-lamp fixtures. 2. 2 Lamps maximum for U6T8. 3. Products also available in non-US voltage and frequencies for international markets. 4. Not available when specifying emergencies, voltage must be specified. 5. See Options or Accessories. 6. Not available in UNV voltage. Must specify voltage. 7. 4-lamp configuration only available in 17W. 8. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 9. Specify row configuration, type in catalog number when ordering complete fixtures. 10. Louver is recessed by 5/16" in Concealed T or Slot Grid T.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Equipped with energy-saving ballasts
- Efficient air-handling options
- Die-embossed para-contoured housing
- Deep "V" raceway/ballast cover (removes easily without tools)
- High reflectance and optimum lamp-to-lens spacing
- Self-locking, spring-loaded cam latch/T-hinges
- Floating extruded aluminum door
- End plate grid-lock feature
- Four auxiliary fixture-end suspension points provided

DIMENSIONS

1' x 4', 2' x 2', 2' x 4', 20" x 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.
COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, City of Chicago Approved



GCAFA SERIES

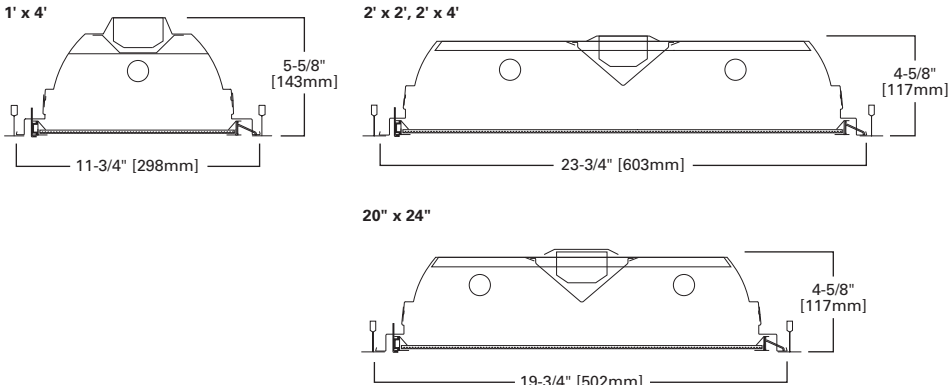


ORDERING INFORMATION

SAMPLE NUMBER: 2GCAFA-232A-UNV-EB81-U

| Rating | Width | Trim Type | Series | Air Supply | Doorframes |
|---|---|--|---|---|--|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width [Blank]=1' Width | F=Aluminum Flange Trim ⁷ G=Concealed-T/Slot Grid ⁸ G=Grid/Lay-in (Standard) | C=Specification Deep Troffer | [Blank]=No Vane A=Air Handling Floating Door, Black Reveal AV=Air Handling with Directional Vanes B=Non-Air Handling Floating Door, Black Reveal | FA=Flush White Extruded Aluminum c/w Spring Latch FAB=Flush Black Extruded Aluminum FAN=Flush Natural Anodized Extruded Aluminum RA=Regressed White Extruded Aluminum (3/8") RAB=Regressed Black Extruded Aluminum RAN=Regressed Natural Anodized Extruded Aluminum |
| Optional Width/Length | Number of Lamps (Not Included) | Wattage (Length) | Shielding ⁴ | Option-Aluminum Flange Trim ¹ | |
| 2048=20" Width x 48' Length | 1=1 Lamp 2=2 Lamps 3=3 Lamps ² 4=4 Lamps | 17=17W T8 (24") 28T8=28W T8 (48") ³ 32=32W T8 (48") BX40=40W Biax (24") U15/8=31W T8 (24") U6T8=32W T8 ("24") | A=#12 Acrylic Pattern A125=#12 Pattern Acrylic (.125" Thick) A19/156=#19 Pattern Acrylic (.156" Thick) DA=Dropped Dish Matte White Acrylic IMA 48=Injection Molded Acrylic (.150" Thick) PB1S=1/2" x 1/2" x 1/2" Silver Parabolic Louver (Styrene) | [Blank]=SW (Single White) ¹ EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | |
| Voltage ⁵ | Options | Lamps Installed | | | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | EL=Emergency Installed Flex=Flex Installed (Reference Flex Ordering Guide) GL=Single Element Fuse GM=Double Element Fuse Lamps=Lamps Installed (Refer to Lamp Ordering Options) WTR=White Reveal | [Blank]=No Lamps Installed (Refer to Lamp Ordering Options) L8835=T8 Lamp, 28W and 32W, 3500K L8835HL=T8 Lamp 32W, 3500K, 3100 Lumens L8841=T8 Lamp, 28W and 32W, 4100K L8841HL=T8 Lamp, 32W, 4100K, 3100 Lumens | | | |
| Ballast Type | | | | | |
| Biax Ballasts EB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%. TEB5 =T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%. T8 Ballasts EB8 =T8 Electronic Start. Total Harmonic Distortion < 10%. EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | High Performance T8 Ballasts HB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79 | | | |
| Number of Ballasts | Options ⁴ | Packaging | Accessories (Order Separately) | | |
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | PAF=Painted After Fabrication RLS=Rotor-Lock Socket (T8 Lamps Only) | PAL=Job Pack Out of Carton PALC=Job Pack, in carton U=Unit Pack | EQ-CLIP-U=T-BAR Safety Earthquake Clips | | |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. Standard off-center ballast on 3-lamp fixtures. 3. HPT8 Ballast required with 28W T8 lamps. 4. See Options or Accessories. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. Specify row configuration, type in catalog number when ordering complete fixtures. 8. Louver is recessed by 5/16" in Concealed T or Slot Grid T.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

AIR SUPPLY MULTI-CELL METAL OR PLASTIC LOUVER TROFFER



FEATURES

- Equipped with energy-saving ballasts
- Concealed frame, multi-cell, 1"-deep injection-molded parabolic louver
- Deep "V" raceway/ballast cover (removes without tools)
- Self-locking, spring-loaded, cam latches / T-hinges
- Multi-cell 3/4" or 1-1/2" deep parabolic aluminum louver
- One-piece para-contoured housing
- Various louver finishes
- High reflectance and optimum lamp-to-lens spacing
- Frameless, full-floating-effect louver assembly

DIMENSIONS

2' x 2', 2' x 4'

2GCAML SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, NOM Certified, City of Chicago Approved

ORDERING INFORMATION

SAMPLE NUMBER: 2GCAML-232S6131-UNV-EB81-U

| Rating | Width | Trim Type | Series | Air Supply | Door Frame | Number of Lamps ² (Not Included) |
|---|---------------------|---|---|--|---|--|
| [Blank]=Standard ATW-SW4=Chicago Rated | 2=2' Width | F=Aluminum Flange Trim ⁹ G=Concealed-T/Slot Grid ¹⁰ G=Grid/Lay-in (Standard) | C=Specification Deep Troffer | [Blank]=No Vane A=Air Handling Floating Door, Black Reveal AV=Air Handling with Directional Vanes B=Non-Air Handling Floating Door, Black Reveal | ML=Frameless Metal Parabolic (Standard) | 2=2 Lamps 3=3 Lamps 4=4 Lamps ³ |
| Wattage | Louver | Cell Configuration | Louver Finish | Option-Aluminum Flange Trim | Voltage ⁵ | |
| 17=17W T8 (24") 28T8=28W T8 (48") ⁴ 32=32W T8 (48") BX40=40W Biax (24") U15/8=31W T8 (24") U6T8=31WT8 (24") | S=Silver W=White | 1313=13 Rows of 13, 169 Cell (2' x 2') 1329=13 Rows of 29, 377 Cell (2' x 4') 613=6 Rows of 13, 78 Cell (2' x 4') 66=6 Rows of 6, 36 Cell (2' x 2') 77=7 Rows of 7, 49 Cell (2' x 2') | I=Semi-Specular/Haze MI=Specular/Mirrored (Low Iridescent) P=White Finish | EN=End of Row, Natural Finish EW=End of Row, White Finish RN=In Row, Natural Finish RW=In Row, White Finish SN=Single, Natural Finish | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | |

Ballast Type

[Blank]=Standard Magnetic Ballast (Biax and 20W)

Biax Ballasts

EB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%.

TEB5=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%.

T8 Ballasts

EB8=T8 Electronic Start. Total Harmonic Distortion < 10%.

EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%.
High Ballast Factor > 1.15

ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

High Performance T8 Ballasts

HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88

HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20

HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82

HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0

HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88

HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88

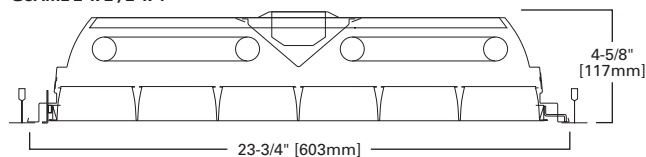
HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20

HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

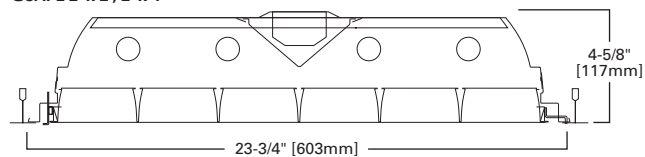
| Number of Ballasts | Options ⁷ | Lamps Installed ⁷ | Accessories (Order Separately) |
|---|--|--|--|
| 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) Flex=Flex Installed (Reference Flex Ordering Information) GL=Single Element Fuse GM=Double Element Fuse PAF=Painted After Fabrication RIF1=Radio Interference Suppressor RLS=Rotor-Lock Socket (T8 Lamps Only - Standard on T5) | [Blank]=No Lamps Installed (Refer to Lamp Ordering Options) L8730=F32T8 3000K L8735=F32T8 3500K L8741=F32T8 4100K L8835=T8 Lamp, 28W and 32 W, 3500K ⁴ L8835HL=T8 Lamp, 32W, 3500K, 3100 Lumens L8841=T8 Lamp, 28W and 32W, 4100K ⁴ L8841HL=T8 Lamp, 32W, 4100K, 3100 Lumens | EQ-Clip-U=T-BAR Safety Earthquake Clips ⁸ |

NOTES: 1. Specify row configuration, type in catalog number when ordering complete fixtures. 2. Standard off-center ballast on 3-lamp fixtures. 3. 2' x 4' only. 4. HPT8 Ballast required with 28W T8 lamps. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. See Options or Accessories. 8. An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. 9. Specify row configuration, type in catalog number when ordering complete fixtures. 10. Louver is recessed by 5/16" in Concealed T or Slot Grid T.

GCAML 2' x 2', 2' x 4'



GCAPL 2' x 2', 2' x 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Lens and housing incorporate contemporary extruded aluminum styling
- Housing has brushed-aluminum finish with matching end plates
- Optional housing finishes include white, matte black and almond
- Die-formed internal steel channell with baked white enamel finish
- Walnut trim stripe, oak or matte black finishes
- Down-only or up-and-down light distribution
- Convenience outlet and multi-level switching available

DIMENSIONS

2', 3', 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



BA, BAU SERIES



ORDERING INFORMATION

SAMPLE NUMBER: BAUB-232-UNV-EB81-WH-BT-U

| Series | Number of Lamps (Not Included) | Wattage | Voltage ² | Options |
|--|---------------------------------------|--|---|--|
| BA =Wall Bracket Downlight Only BAU =Wall Bracket (Up and Down Light) BAUB =Wall Bracket (Up, Down or Combination Light) ¹ | 1 =1 Lamp 2 =2 Lamps | 14T5 =14W T5 (24") 17 =17W T8 (24") 21T5 =21W T5 (36") 25 =25W T8 (36") 28T5 =28W T5 (48") 32 =32W T8 (48") | 120V =120 Volt 277V =277 Volt 347V =347 Volt UNV =Universal Voltage 120-277 ³ | EL =Emergency Battery Installed (Must Specify Battery Pack, See Options) ⁴ GL =Single Element Fuse GM =Double Element Fuse |

Ballast Type

T5 Ballasts

EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁵

EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁷

EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=0.9

EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0⁶

T8 Ballasts

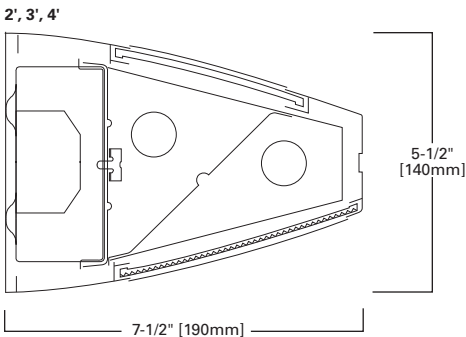
EB8=T8 Electronic Start. Total Harmonic Distortion < 10%.

EB8 /PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15

ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

| Number of Ballasts | Options | Finishes | Packaging |
|---|---|---|---------------------|
| 1 =1 Ballast 2 =2 Ballasts 3 =3 Ballasts | 2/1 LB =(2) One-Lamp Ballasts (When RS4 or PS4 Option is Used) BT =Black Accent Trim CO =Convenience Outlet (120V Only) OT =Oak Accent Trim PL5 or PL7 =Fluorescent Night Light (5 or 7 Watt) Only Available in Fixtures Without a Baffle PS1 =Pull Switch (1 Circuit) PS1D =Pull Switch, Wired to the Downlight Circuit on a Two Circuit Fixture (120V Only) PS4 =Four-way pull switch, for Two Circuit, Two Lamp Fixture (120V Only) RLS =Rotor-Lock Socket (T8 Lamp Only) RS1 =Rotary Switch (1 Circuit, 120V Only) RS1D =Rotary Switch, Wired to Downlight Circuit on a Two Circuit Fixture (120V Only) RS4 =Four-way rotary switch, for Two Circuit, Two Lamp Fixture, (120V Only) ² | BH =Matte Black Finish (Lens Housing) IH =Almond Finish (Lens Housing) WH =White Finish (Lens Housing) | U =Unit Pack |

NOTES: 1. BAUB series requires two ballast and switch for independent switching. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specified. 4. Not available for 2' units. 5. 2 lamps only. 6. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. 7. Step Dimming ballast available for 2 14W T5 or 28W T5 lamps only.



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

COMMERCIAL STEEL WALL BRACKET - FULL END



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Low-profile design
- Die-formed steel housing
- Baked white enamel finish
- Downlight, uplight or combination uplight and downlight illumination
- Refractor slides forward for easy installation and maintenance
- Easy wiring access
- Low-brightness, extruded-acrylic diffuser
- Injection-molded end plates

DIMENSIONS

7-1/2" Width x 2', 3', 4'

BE, BEU SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



ORDERING INFORMATION

SAMPLE NUMBER: BE-232-UNV-EB81-U

| Series | Number of Lamps (Not Included) | Wattage | Voltage ¹ | Options | |
|---|--------------------------------|---|---|---|---|
| BE=Steel Wall Bracket Downlight Only | 1=1 Lamp 2=2 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 21T5=21W T5 (36") | 25=25W T8 (36") 28T5=28W T5 (48") 32=32W T8 (48") | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ² | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |

Ballast Type

T5 Ballasts

EBT_{T5}=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15³

EBT_{HDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁴

EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90

EBT_{NDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0⁵

T8 Ballasts

EB8_{T8}=T8 Electronic Start. Total Harmonic Distortion < 10%.

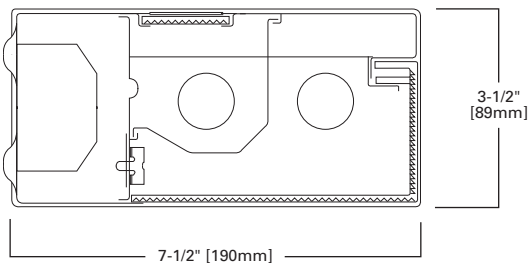
EB8_{/PLUS}=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15

ER8_{T8}=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

| Number of Ballasts | Options | Packaging |
|-----------------------------|---|-------------|
| 1=1 Ballast 2=2 Ballasts | 2/1LB=(2) One-Lamp Ballasts (When RS4 or PS4 Option is Used) BH=Matte Black Finish (Lens Housing) CO=Convenience Outlet (120V Only) PL5 or PL7=Fluorescent Night Light (5 or 7 Watt) Only Available in Fixtures Without a Baffle PS1=Pull Switch (1 Circuit) PS1D=Pull Switch, Wired to Downlight Circuit on a Two Circuit Fixture (120V Only) PS4=Four-way pull switch, for Two Circuit 2 Lamp Fixture (120V Only) RLS=Rotor Lock Socket (T8 Lamps Only) RS1=Rotary Switch (1 Circuit, 120V Only) RS1D=Rotary Switch Wired to Downlight Circuit on a Two Circuit Fixture (120V Only) RS4=Four-way rotary switch, for Two Circuit, Two Lamp Fixture (120V Only) | U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specified. 3. 1-Lamp ballast in a High Ballast factor not available. 4. Step Dimming ballast available for 2 or 3 14W T5 or 28W T5 lamps only. 5. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

2', 3', 4'



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

ALL PURPOSE WALL BRACKET



BC SERIES

FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Ideal for high vertical illumination areas
- 180° uniform light distribution
- Extruded, smooth opal, white, acrylic refractor
- Decorative, opaque, injection-molded white end caps
- Die-formed housing in a baked white enamel finish
- Vertical-wall- or horizontal-ceiling-mount applications
- Easy maintenance design
- Mounted vertically or horizontally

DIMENSIONS

2', 3', 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



ORDERING INFORMATION

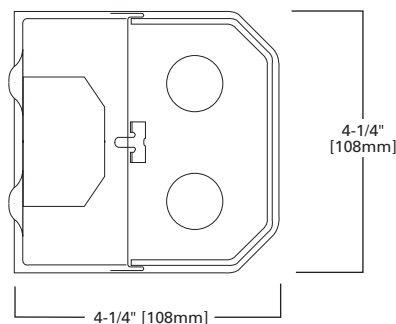
SAMPLE NUMBER: BC-228T5-UNV-EBT1-U

| Series | Number of Lamps | Wattage | Voltage ¹ | Options |
|-----------------------------|-----------------------|---|---|---|
| BC=All Purpose Wall Bracket | 1=1 Lamp 2=2 Lamps | 14T5=14W T5 (24") 25=25W T8 (36") 17=17W T8 (24") 28T5=28W T5 (48") 21T5=21W T5 (36") 32=32W T8 (48") | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ² | EL=Emergency Battery Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse |

| Ballast Type | Number of Ballasts | Options | Packaging |
|---|-----------------------------|---|-------------|
| <p>T5 Ballasts EBT_=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0</p> <p>Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15³ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁴ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0⁵</p> <p>T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.</p> | 1=1 Ballast 2=2 Ballasts | CO=Convenience Outlet (120V Only) PS1=Pull Switch (1 Circuit) RLS=Rotor Lock Socket (T8 Lamps Only) RS1=Rotary Switch (1 Circuit, 120V Only) | U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specified. 3. 1-Lamp ballast in a High Ballast factor not available. 4. Step Dimming ballast available for 2 or 3 14W T5 or 28W T5 lamps only. 5. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

2', 3', 4'



STEEL WALL BRACKET



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Low-profile design
- Die-formed steel housing
- Baked white enamel finish
- Downlight, uplight or combination uplight and downlight illumination
- Injection-molded diffuser and end plates
- Refractor slides forward for easy installation and maintenance
- Easy wiring access
- Convenience outlet and switching options available

DIMENSIONS

7-1/2" wide x 2', 3', 4'

BI, BIU SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

ORDERING INFORMATION

SAMPLE NUMBER: BIU-232-120V-EB82-PS4-U

| Series | Number of Lamps (Not Included) | Wattage | Voltage ¹ | Options |
|--|--------------------------------|-------------------|--|--|
| BI=Steel Wall Bracket Downlight Only | 1=1 Lamp | 14T5=14W T5 (24") | 120V=120 Volt | EL=Emergency Battery Installed |
| BIU=Steel Wall Bracket (Up and Down Light) | 2=2 Lamps | 17=17W T8 (24") | 277V=277 Volt | (Must Specify Battery Pack, See Options) |
| | | 21T5=21W T5 (36") | 347V=347 Volt | GL=Single Element Fuse |
| | | 25=25W T8 (36") | UNV=Universal Voltage 120-277 ² | GM=Double Element Fuse |
| | | 28T5=28W T5 (48") | | |
| | | 32=32W T8 (48") | | |

Ballast Type

T5 Ballasts

EBT__{T5} or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

EBT__H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15³EBT__{HDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15⁴EBT__N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90EBT__{NDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0⁵

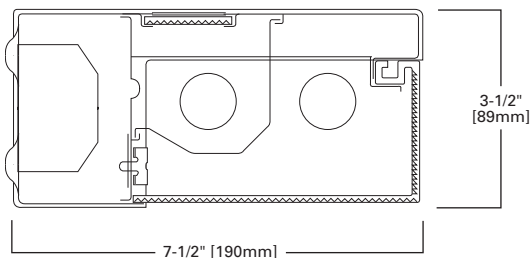
T8 Ballasts

EB8__{T8} Electronic Start. Total Harmonic Distortion < 10%.EB8__{PLUS}=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15ER8__{T8} Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

| Number of Ballasts | Options | Packaging |
|-----------------------------|---|-------------|
| 1=1 Ballast 2=2 Ballasts | 2/1LB=(2) One-Lamp Ballasts (When RS4 or PS4 Option is Used) BH=Matte Black Finish (Lens Housing) CO=Convenience Outlet (120V Only) PL5 or PL7=Fluorescent Night Light (5 or 7 Watt) Only Available in Fixtures Without a Baffle PS1=Pull Switch (1 Circuit) PS1D=Pull Switch, Wired to Downlight Circuit on a Two Circuit Fixture (120V Only) PS4=Four-way pull switch, for Two Circuit 2 Lamp Fixture (120V Only) RLS=Rotor Lock Socket (T8 Lamps Only) RS1=Rotary Switch (1 Circuit, 120V Only) RS1D=Rotary Switch Wired to Downlight Circuit on a Two Circuit Fixture (120V Only) RS4=Four-way rotary switch, for Two Circuit, Two Lamp Fixture (120V Only) | U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specified. 3. 1-Lamp ballast in a High Ballast factor not available. 4. Step Dimming ballast available for 2 or 3 14WT5 or 28W T5 lamps only. 5. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

2', 3', 4'



T8 OR T5 UNDERCABINET



CL, UC SERIES

FEATURES

- Post-painted housings and 100% acrylic non-yellowing lenses
- Thin profile housing constructed of heavy-gauge, cold-rolled steel
- Rocker switch (included) can be field-installed (UC series only)
- All fixtures shipped as direct wired
- Easy re-lamping and maintenance
- Various lengths available

DIMENSIONS

12", 18", 21", 24", 33", 36", 42", 48"

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location



ORDERING INFORMATION

SAMPLE NUMBER: CL-117-120V-EB81-U

| Housing Design | Series | Number of Lamps (Not Included) | Wattage (Length) | Starting Type | Voltage ¹ | |
|--|---|--------------------------------|--|---|--|-------------|
| [Blank]=Lensed Front (Standard) OF=Opaque Front | CL=Series | 1=1 Lamp Only | 15=15W T8 (18") 17=17W T8 (24") 25=25W T8 (36") 32=32W T8 (48") | HTS=High Trigger Start (15W Only) LTS=Low Trigger Start (15W Only) (120V Only) | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ² | |
| Options | Ballast Type | | | Number of Ballast | Options | Packaging |
| GL=Single Element Fuse GM=Double Element Fuse | [Blank]=Standard Magnetic Ballast (15W Only) T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | 6CP=6' White 3-Wire Fuse CO=Convenience Outlet RLS=Rotor Lock Socket (T8 Lamp Only) SW=Rocker Switch ³ | U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specified. 3. Must specify voltage.

ORDERING INFORMATION

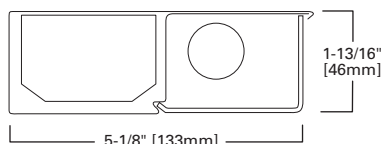
SAMPLE NUMBER: CL-113T5-EB-120V-U

| Housing Design | Series | Number of Lamps (Not Included) | Wattage (Length) | Ballast Type | Voltage | Options | Packaging |
|--|-----------|---|---|--|---------------|---|-------------|
| [Blank]=Lensed Front (Standard) OF=Opaque Front SF=Solid Metal Front | CL=Series | 1=1 Lamp Only (12", 21", 33" Fixture) 2=24", 42" Fixture | 0813T5=8W and 13W T5 (33") 08T5=8W T5 (12", 24") 13T5=13W T5 (21", 42") | EB=Electronic Ballast PH=Pre-Heat Ballast | 120V=120 Volt | 6CP=6' White 3-Wire Fuse CO=Convenience Outlet SW=Rocker Switch | U=Unit Pack |

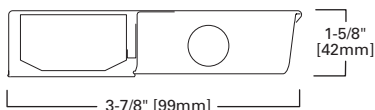
ORDERING INFORMATION RESIDENTIAL

| Catalog Number | Description | Length | Width | Depth |
|----------------|---|---------|--------|--------|
| UC12T518 | 12", 1 lamp T5, 8W, 120V, electronic ballast, lamp included | 12-1/4" | 5" | 1-3/8" |
| UC21T5113 | 21", 1 lamp T5, 13W, 120V, electronic ballast, lamp included | 21-1/4" | 5" | 1-3/8" |
| UC24T528 | 24", 2 lamp T5, 2/8W, 120V, electronic ballast, lamps included | 24-1/2" | 5" | 1-3/8" |
| UC33T51813 | 33", 2 lamp T5, 8 +13W, 120V, electronic ballast, lamps included | 33-3/8" | 5" | 1-3/8" |
| UC42T5213 | 42", 2 lamp T5, (2) 13W, 120V, electronic ballast, lamps included | 42-1/2" | 5" | 1-3/8" |
| UC18T8115 | 18", 1 lamp T8, 15W, 120V, electronic ballast, lamp included | 18-1/4" | 3-7/8" | 1-5/8" |
| UC24T8117 | 24", 1 lamp T8, 17W, 120V, electronic ballast, lamp included | 24-1/4" | 3-7/8" | 1-5/8" |
| UC36T8125 | 36", 1 lamp T8, 25W, 120V, electronic ballast, lamp included | 36-1/8" | 3-7/8" | 1-5/8" |
| UC48T8132 | 48", 1 lamp T8, 32W, 120V, electronic ballast, lamp included | 48-1/6" | 3-7/8" | 1-5/8" |

CL - 18", 24", 36", 48", 1 T8 LAMP



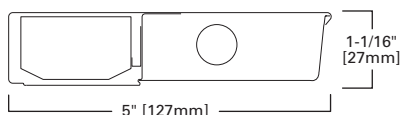
UC - T8



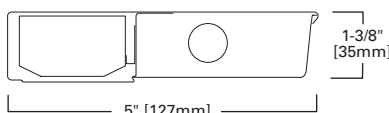
UC DIMENSIONS

| Catalog Number | Length |
|----------------|---------|
| UC12T518 | 12-1/4" |
| UC21T5113 | 21-1/4" |
| UC24T528 | 24-1/2" |
| UC33T51813 | 33-3/8" |
| UC42T5213 | 42-1/2" |
| UC18T8115 | 18-1/4" |
| UC24T8117 | 24-1/4" |
| UC36T8125 | 36-1/8" |
| UC48T8132 | 48-1/6" |

CL - 2", 21", 24", 33", 42", 1 or 2 T5 LAMPS



UC - T5



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

SURFACE CORRIDOR MOUNT



FEATURES

- Provided with CEE-listed, energy-saving ballasts
- Die-formed channel and end plates with embossed light seal
- Extruded-acrylic refractor optimizes efficiency and brightness control
- Baked white enamel finish
- Lift-and-shift refractor offers easy re-lamping
- Wireway cover easily removed without tools
- Surface- or stem-mount in single or continuous row
- Tandem 8' lengths
- Optional wall-mount bracket

DIMENSIONS

6-1/8" x 2', 4', 8'

CR SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location

ORDERING INFORMATION

SAMPLE NUMBER: CR-232A-120V-EB81-U

| Tandem ¹ | Series | Number of Lamps (Not Included) | Wattage | Lens | Voltage ² |
|---|------------------|--------------------------------|--|-----------------------------|---|
| 8T=8' Length [Blank]=2' or 4' Length | CR=Corridor Lite | 1=1 Lamp 2=2 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 28T5=28W T5 (48") 32=32W T8 (48") 96T8=59W T8 SL (96") | A=Acrylic Refractor Lens | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ³ |

Ballast Type

T5 Ballasts

EBT_{T5}=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15⁴EBT_{HDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor=1.15EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90⁵EBT_{NDIM}=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0⁶

T8 Ballasts

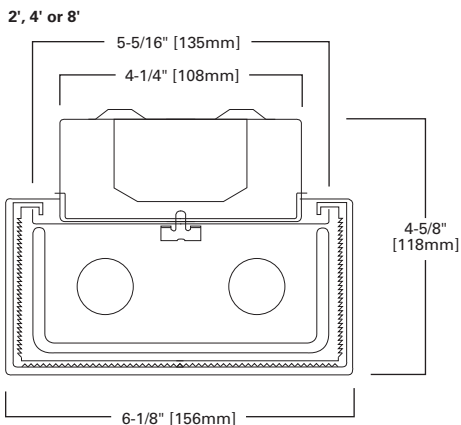
EB8_{T8}=T8 Electronic Start. Total Harmonic Distortion < 10%.EB8_{PLUS}=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15ER8_{T8}=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

High Performance T8 Ballasts

HB8_{T8}=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 - .82HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0HR8_{T8}=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 - .88HR8_{DIM}=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Ballast Factor .88HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 - 1.20HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 - .79

| Number of Ballasts | Options | Packaging | Accessories (Order Separately) |
|-----------------------------|--|-------------|--|
| 1=1 Ballast 2=2 Ballasts | RLS=Rotor-Lock Socket (T8 Lamps Only - Standard on T5) | U=Unit Pack | A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) AYC/Chain/Set-U=Chain Hanger (Use 2 Per Fixture) CR-WALLKIT=Wall Mount Accessory GRP-SS-U=Gripper Hanger (1-1/2" Spacing) (Use 2 Per Fixture) SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) |

NOTES: 1. Length of fixture (2' or 4') determined by lamp wattage chosen. 2. Products also available in non-US voltage and frequencies for international markets. 3. Not available when specifying emergencies, voltage must be specified. 4. 1-Lamp ballast in a High Ballast factor not available. 5. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 6. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- 100% clear acrylic prismatic lens provide excellent illumination
- Lift-and-shift lens offers easy re-lamping
- Ends formed with housing for strength and row alignment
- Commercial or residential electronic ballast
- Rotorlock lampholders enable easy lamp engagement
- Embossed steel end plates with 7/8" knockout
- Ideal for commercial and residential applications

DIMENSIONS

2', 4', 8'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, ENERGY STAR Qualified



WN SERIES



ORDERING INFORMATION

SAMPLE NUMBER: WN-332A-UNV-EB81-U

| Length | Series ¹ | Number of Lamps(Not Included) ^{2,3} | Wattage | Lens | Voltage ⁵ | Options | |
|--|--|--|--|--|--------------------------------|---|---|
| 8T=8' (Tandem) [Blank]=2' or 4' Length | WN=Commercial Surface Wraparound | 2=2 Lamps 3=3 Lamps 4=4 Lamps | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") | 28T5=28W T5 (48") 28T8=28W T8 (48") ⁴ 32=32W T8 (48") 54T5=54W T5HO (48") | A=Acrylic Refractor Lens | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ | EL=Emergency Installed (Must Specify Battery Pack, See Options) GL=Single Element Fuse GM=Double Element Fuse PI/CPI=Plug-In Option TILW=Tandem Inline Wiring |

Ballast Type⁷

T5 Ballasts

EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Standard Ballast Factor=1.0

Ballast/Factor Type (T5)

EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
High Ballast Factor=1.15¹⁰EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Step Dimming, High Ballast Factor = 1.15EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Normal Ballast Factor=.90¹¹EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.
Step Dimming, Normal Ballast Factor=.95-1.0¹²

Ballast/Factor Type (For 14W T5 and 28W T5 Lamp Only)

[Blank]=Standard T5HO Ballast

H=High Light Output 1.15 BF

HDIM=High 1.15 BF Step Dimming⁸

N=Normal Light Output .95 BF

NDIM=Normal .95-1.0 BF Step Dimming⁹

T8 Ballasts

EB8=T8 Electronic Start. Total Harmonic Distortion < 10%.

EB8_PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%.
High Ballast Factor > 1.15.

ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%.

REB1=T8 Electronic Instant Start Residential Ballast

High Performance T8 Ballasts

HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88

HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20

HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82

HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0

HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88

HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88

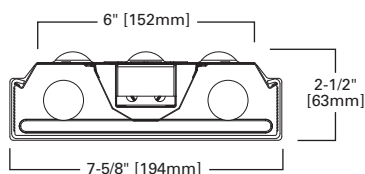
HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20

HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79

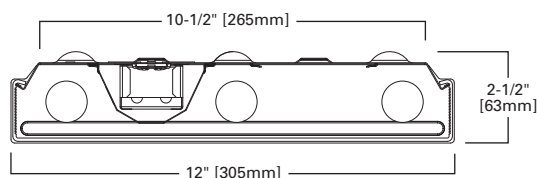
| Number of Ballasts | Options | Packaging | Accessories (Order Separately) |
|-----------------------------|---|--|--|
| 1=1 Ballast 2=2 Ballasts | CRA=Continuous Row Aligner DEC=Decorative End Cap | 4B=4 Bulk Packing (48" and 96") U=Unit Pack | SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) WN-2LT-DEC-ENDS=Decorative End Caps - 2 Lamps (2 Pieces) WN-4LT-DEC-ENDS=Decorative End Caps - 3 or 4 Lamps (2 Pieces) WN-CRA=Continuous Row Aligner (24 Pieces) |

NOTES: 1. Steel endplates with 7/8" KO standard for continuous row mounting. 2. 2 point suspension recommended for 2 and 4 lamp models. 3 point suspension recommended for 8 foot tandems. 3. Suspension mounting not recommended for 3 lamp models. 4. HPT8 Ballast required with 28W T8 lamps. 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. 2 ballasts are required when specifying 3 or more 28T5 lamps. 8. 1-Lamp ballast in high ballast factor is not available. 9. 1 Lamp step dimming ballast in normal ballast factor not available. 10. 1-Lamp ballast in a High Ballast factor not available. 11. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 12. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

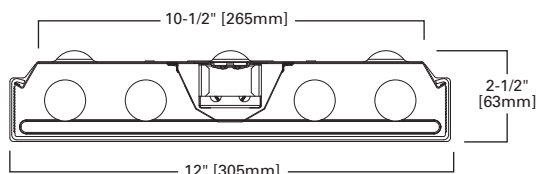
2', 4' or 8', 2 LAMP



4', 3 LAMP



4', 4 LAMP



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

SURFACE WRAPAROUND SPECIFICATION GRADE



FEATURES

- Specification wraparound for commercial, school and dormitory spaces
- Steel end plates with 7/8" knockout and light seal embossment
- Ballasts are CBM/ETL Class P and are positively secured to housing
- Multi-stage, iron phosphate pretreatment ensures maximum bonding
- Pressure lock lamp holders, UL and cUL listed
- 100% clear, full-thickness virgin acrylic prismatic refractor
- Internal side linear and bottom pyramidal prisms in lens
- Ballast cover easily removed without tools
- Lens can be hinged from either side in a lift

DIMENSIONS

2', 4', 8'

WS SERIES

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed, UL/cUL Listed - Damp Location



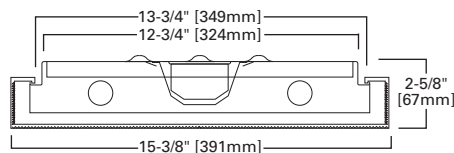
ORDERING INFORMATION

SAMPLE NUMBER: WS-332A-120V-EB81-U

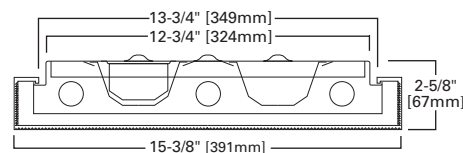
| Tandem | Series ¹ | Width | Number of Lamps (Not Included) | Wattage | Lens | Voltage ⁵ |
|---|-------------------------------|---|---|--|---|--|
| 8T=8' Length [Blank]=4' Length | WS=Specification Surface Wrap | [Blank]=Standard A=Wide Body for 2 Lamps | 2=2 Lamps ² 3=3 Lamps ³ 4=4 Lamps ² | 14T5=14W T5 (24") 17=17W T8 (24") 24T5=24W T5HO (24") ⁴ 28T5=28W T5 (48") 32=32W T8 (48") 54T5=54W T5HO (48") ⁴ | A=Acrylic Refractor Lens | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁶ |
| Options | | Ballast Type | | | Number of Ballasts | |
| EL=Emergency Installed ⁷ GL=Single Element Fuse GM=Double Element Fuse | | T5 Ballasts EBT=T5 or T5HO Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor=1.0 Ballast/Factor Type (T5) EBT_H=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor=1.15 ⁹ EBT_HDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, High Ballast Factor = 1.15 ¹⁰ EBT_N=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Normal Ballast Factor=.90 ⁹ EBT_NDIM=T5 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming, Normal Ballast Factor=.95-1.0 ¹¹ T8 Ballasts EB8=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77-.82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HR8=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86-.88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15-1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71-.79 | | | 1=1 Ballast 2=2 Ballasts 3=3 Ballasts | |
| Options | | Packaging | Accessories (Order Separately) | | | |
| PI/CPI=Plug-In Option RIF1=Radio Interference Suppressor RLS=Rotor-Lock Socket (T8 Lamps Only) TILW=Tandem Inline Wiring | | U=Unit Pack | A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) SCA=Adjustable 48" Stem Set SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) | | | |

NOTES: 1. Steel endplates with 7/8" KO standard for continuous row mounting. 2. 2 point suspension recommended for 2 and 4 lamp fixtures. 3. Stem Mounting not available on 3-lamp fixtures. 4. Not for temperatures that exceed 40°C (102°F). 5. Products also available in non-US voltage and frequencies for international markets. 6. Not available when specifying emergencies, voltage must be specified. 7. Not available for 2' version. 8. .90 ballast factor available for 2 or 3 14W T5 or 28W T5 lamps only. 9. 1-Lamp ballast in a High Ballast factor not available. 10. Step Dimming ballast available for 2 or 3 14WT5 or 28W T5 lamps only. 11. 1-Lamp step dimming ballast in a Normal Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp.

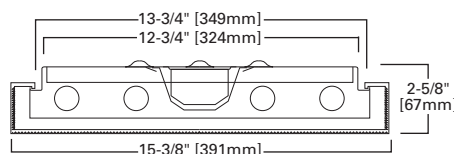
2', 4' or 8', 2 LAMP



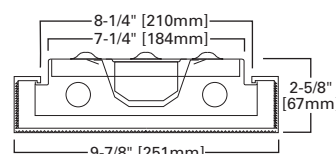
4' or 8', 3 LAMP



2', 4' or 8', 4 LAMP



2', 4' or 8', 2 LAMP LTS or HTS

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

FEATURES

- Acrylic lens formulated to protect against lens breakage
- Tuff'R'Puff commercial-grade acrylic lens
- 120V instant-start residential or commercial ballast
- Housing manufactured with die-formed, cold-rolled steel
- Snap-fit for ease of service and re-lamping
- Ideal choice for most residential and commercial applications
- Lamps not included

DIMENSIONS

1' x 4', 1-1/2' x 4'

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

COMPLIANCES: UL/cUL Listed - Damp Location, ENERGY STAR Qualified

WSC SERIES



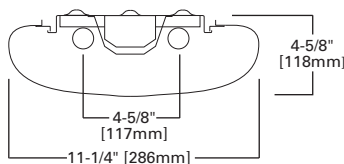
ORDERING INFORMATION

SAMPLE NUMBER: WSC-232-D-W-UNV-EB81-U

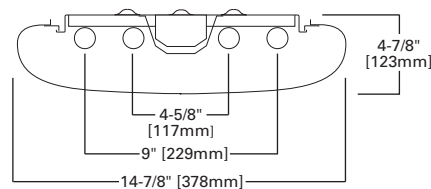
| Series | Number of Lamps | Wattage (Length) | Diffuser/Lens | Frame Finish | Voltage ¹ | Options | |
|--|------------------------|---------------------------------------|---------------|--------------|---|---|-------------|
| WSC=Softside Cloud | 2=2 Lamps 4=4 Lamps | 32=32W T8 (48") U6T8=32W T8 ("24") | D=Dropped | W=White | 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ² | EL=Emergency Installed ^{3,4} GL=Single Element Fuse GM=Double Element Fuse | |
| Ballast Type | | | | | Number of Ballast | Options | Packaging |
| T8 Ballasts EB8_=T8 Electronic Start. Total Harmonic Distortion < 10%. EB8_/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15 ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Performance T8 Ballasts HB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor = .86 - .88 HB8_H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor = 1.15 - 1.20 HB8_L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor = .77 - .82 HB8_N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor = 1.0 HR8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor = .86 - .88 HR8_DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor = .88 HR8_H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor = 1.15 - 1.20 HR8_L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor = .71 - .79 | | | | | 1=1 Ballast 2=2 Ballasts | See Options Section | U=Unit Pack |

NOTES: 1. Products also available in non-US voltage and frequencies for international markets. 2. Not available when specifying emergencies, voltage must be specified. 3. Not available for 2' units. 4. A low profile battery pack is required for installation with standard ballast cover (consult Cooper Lighting).

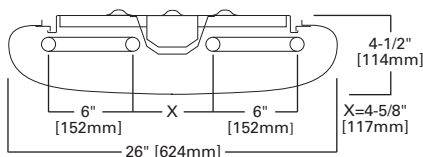
1' x 4', 2 LAMP



1-1/2' x 4', 4 LAMP



2' x 2', 2 U-LAMPS



COMMITMENT KIT (CKIT) ACCESSORY



Description

The Contractor Commitment Kit is a supplementary offering intended as an aid for installation and maintenance of Metalux fluorescent fixtures. The kit is comprised of several common lighting accessories to provide the contractor with increased value and convenience. Kit contents include fluorescent lampholders, lamp clips, screws, fasteners and disconnects.

CKIT

KIT CONTENTS

| Component Type | Description | Quantity |
|----------------|--|----------|
| Access Plate | ACCESS PLATE WITH GRD SCREW | 5 |
| Clip | ALIGNER CLIP FOR DIM2/DMF | 50 |
| Clip | ALIGNER CLIP FOR IA/IC OR IAF/ICF | 50 |
| Clip | LENS FRAME CLIP | 50 |
| Disconnect | QUICK DISC 1 CIRCUIT / 2 PORT | 25 |
| Fastener | 1/4 TURN FASTENER (PLATED) | 50 |
| Fastener | SSF/SNF 1/4 TURN FASTNER (PLATED) | 100 |
| Hardware | #6 X 3/4 PHILIPS FLAT HEAD, TYPE AB | 100 |
| Hardware | #6 X 3/8 PHILIPS FLAT HEAD, TYPE A | 100 |
| Hardware | #8 X 1/4 HEX HEAD SLOTTED, TYPE B | 100 |
| Hardware | #8-18 X 3/8 SLOTTED HEX HEAD WITH WASHER, TYPE AB, WHITE | 100 |
| Hardware | #8-32 X 1/4 SLOT HEAD FOR BALLAST | 50 |
| Hardware | #8-32 X 7/16 PHILIPS ROUND HEAD | 100 |
| LampHolder | SOCKET RAPID START T5 FEMALE, T8 BASE | 10 |
| LampHolder | SOCKET RAPID START T5 MALE, T8 BASE | 10 |
| LampHolder | SOCKET RAPID START T5 SHORT WITH NIB | 20 |
| LampHolder | SOCKET RAPID START T5 TALL, PIN BASE, SNAP-IN | 16 |
| LampHolder | SOCKET T8 INSTANT START FOR HBI, ROTO-LOCK WITH NIB | 10 |
| LampHolder | SOCKET T8 INSTANT START MED. ROTO-LOCK WITH NIB | 10 |
| LampHolder | SOCKET T8 RAPID START ROTO-LOCK SHORT WITH NIB | 10 |
| LampHolder | SOCKET T8 RAPID START MED. ROTO-LOCK WITH NIB | 10 |
| L-Clip | LAMP CLIP FOR HORIZONTAL BIAX/PL-L | 15 |
| L-Clip | LAMP CLIP FOR VERTICAL BIAX/PL-L LAMP | 15 |
| L-Clip | T8 U-LAMP CLIP - STRAIGHT | 20 |
| L-Clip | U LAMP CLAMP (LONG) ADJUSTABLE | 15 |

ORDERING INFORMATION

SAMPLE NUMBER: COMMITMENT KIT

COMMITMENT KIT

Customer Commitment Kit

PRODUCT INFORMATION FOR LOUVERS

| Brand | Catalog Logic | Size | Description | GC | GC8 | GC8FA/RA | GR8/GR5 | GCAFA/RA | M/MC ² |
|---------|---------------|---------------------------------|--|----|-----|----------|---------|----------|-------------------|
| Generic | PB1S | 1/2" x 1/2" x 1/2" ¹ | Small Cell Parabolic, Silver, Styrene | X | X | X | X | X | X |
| | PB1SA | 1/2" x 1/2" x 1/2" ¹ | Small Cell Parabolic, Silver, Acrylic | X | X | X | X | X | X |
| | PB2S | 1-1/2" x 1-1/2" x 1" | Medium Cell Parabolic, Silver, Styrene | X | X | X | | X | X |
| | PB2SA | 1-1/2" x 1-1/2" x 1" | Medium Cell Parabolic, Silver, Acrylic | X | X | X | | X | X |
| | PB3S | 3/4" x 3/4" x 1/2" | Enhanced Efficiency Parabolic, Silver, Styrene | X | X | X | | X | X |
| | PB3SA | 3/4" x 3/4" x 1/2" | Enhanced Efficiency Parabolic, Silver, Acrylic | X | X | X | | X | X |
| | PB4S | 3" x 3" x 1-1/2" | Large Cell Parabolic, Silver, Styrene | X | X | X | | X | X |
| | PB4SA | 3" x 3" x 1-1/2" | Large Cell Parabolic, Silver, Acrylic | X | X | X | | X | X |
| | PB5S | 3/4" x 3/4" x 3/8" | High Efficiency Controlled Louver, Silver, Styrene | X | X | X | | X | X |
| | PB5SA | 3/4" x 3/4" x 3/8" | High Efficiency Controlled Louver, Silver, Acrylic | X | X | X | | X | X |
| | PL | 1/2" x 1/2" x 1/2" | Straight Blade White Louver, Styrene | X | X | X | | X | X |
| | PLA | 1/2" x 1/2" x 1/2" | Straight Blade White Louver, Acrylic | X | X | X | | X | X |
| | AL | 1/2" x 1/2" x 1/2" | Straight Blade, Mill Finish, Aluminum Louver | X | | X | | X | X |
| | ALW | 1/2" x 1/2" x 1/2" | Straight Blade, White, Aluminum Louver | X | | X | | X | X |

NOTES: 1. Dimensions are nominal size. 2. For 3-lamp or SMB housing, 1/2" or less shielding thickness only.

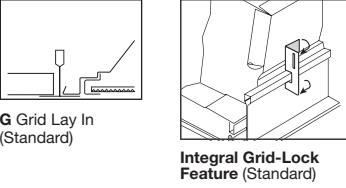
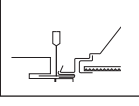
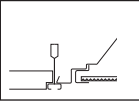
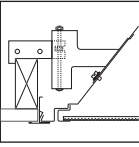
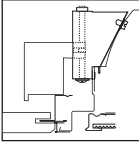
PRODUCT INFORMATION FOR LENS³

| Brand | Lens | Thickness | GC | GC8 | GC8FA/RA | GR8/GR5 | GCAFA/RA | M/MC |
|---------|------------|-----------|----|-----|----------|---------|----------|------|
| Generic | A | 0.095 | X | X | X | X | X | X |
| | A125 | 0.125 | X | X | X | X | X | X |
| | AT125 | 0.125 | X | X | X | X | X | X |
| | A125MIN | .125 min | X | X | X | X | X | X |
| | AT125MIN | .125 min | X | X | X | X | X | X |
| | A125/RFI | 0.125 | X | X | X | X | X | X |
| | A19/156 | 0.156 | X | X | X | X | X | X |
| | A19T/156 | 0.156 | X | X | X | X | X | X |
| | A19/156RFI | 0.156 | X | X | X | X | X | X |
| | A12/170 | 0.170 | X | | | | X | X |
| | A19/187 | 0.187 | X | | | | X | X |
| | A12/187 | 0.187 | X | | | | X | X |
| | DA | 0.080 | X | X | X | | | X |
| | DA125 | 0.125 | X | X | X | | | X |
| | K12/125 | 0.125 | X | X | X | | X | X |
| | K12/125MIN | .125 min | X | X | X | | X | X |
| | POLY12/125 | 0.125 | X | X | X | | X | X |
| | POLY12/187 | 0.187 | X | | | | X | X |
| KSH | ACTF140 | 0.140 | X | X | X | | X | X |
| | ACTF187 | 0.187 | X | | | | X | X |
| | FGW080 | 0.080 | X | X | X | | X | X |
| | FGW125 | 0.125 | X | X | X | | X | X |
| | K12/125 | 0.125 | X | X | X | | X | X |
| | K12/125MIN | .125 min | X | X | X | | X | X |
| | K12/125RFI | 0.125 | X | X | X | | X | X |
| | A15 | 0.200 | X | | | | X | X |
| | A19/156 | 0.156 | X | X | X | X | X | X |
| | A19T/156 | 0.156 | X | X | X | | X | X |
| | A19/156RFI | 0.156 | X | X | X | | X | X |
| | K12/187 | 0.187 | X | | | | X | X |
| | A19/187 | 0.187 | X | | | | X | X |
| | KSH20/140 | 0.140 | X | X | X | | X | X |
| | KSH23/125 | 0.125 | X | X | X | | X | X |
| | KSH3E | 0.150 | X | X | X | | X | X |
| KSH32 | 0.130 | X | X | X | | X | X | |
| PSI | PSA4/RFI | variable | X | | | | X | X |
| | P35 | 0.170 | X | | | | X | X |

NOTES: Inverted Lens - For inverted lens add "INV" to lens description. (Not available for GR8/GR5). 3. For additional lens options consult factory.

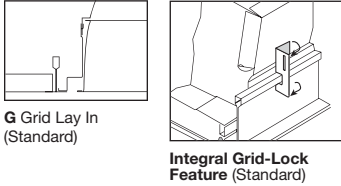
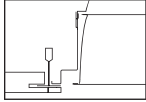
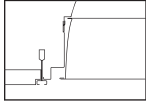
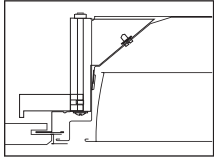
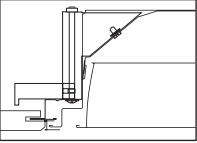
Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

GR8, GC8, GC SERIES - NON-FLOATING DOOR ASSEMBLIES

| Type "G" Fixture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|----------------------|--------------|----------------------|--------------|---------|-------------------|-------------------|--------------|-----------|------------------|-------------------|----|-----------|--------------------|-------------------|-------------|---------|-------------|-------------------|----|-----------|------------------|-------------------|-------------|---------|-------------|-------------------|
| <p>(Exposed Grid)</p>  <p>G Grid Lay In (Standard)</p> <p>Integral Grid-Lock Feature (Standard)</p> | <p>A Recessed Luminaire with Narrow Flanges designed to rest on exposed 15/16" or 9/16" wide Inverted Grid Tees.</p> <ul style="list-style-type: none"> • Fixture Example: 2GR8-432-UNV-EB81-U | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Concealed T)</p>  <p>G Concealed T</p> | <p>A Recessed Luminaire with Narrow Flanges designed to rest on 15/16" wide Concealed Inverted Grid Tees</p> <ul style="list-style-type: none"> • Fixture Example 2EP3GAX-332S36I • Optional Aluminum TK Trim Kit Available – Available TK Trim Finishes: Natural Anodized Aluminum (N) Standard and Baked White Enamel (W) <table border="1" data-bbox="1223 430 1510 556"> <thead> <tr> <th colspan="2">TK TRIM KIT</th> </tr> </thead> <tbody> <tr> <td>TK-14N-U</td> <td>1' x 4'</td> </tr> <tr> <td>TK-22N-U</td> <td>2' x 2'</td> </tr> <tr> <td>TK-24N-U</td> <td>2' x 4'</td> </tr> </tbody> </table> | TK TRIM KIT | | TK-14N-U | 1' x 4' | TK-22N-U | 2' x 2' | TK-24N-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | |
| TK TRIM KIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-14N-U | 1' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-22N-U | 2' x 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-24N-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Slot Grid)</p>  <p>G Slot Grid</p> | <p>A Recessed Luminaire designed to rest on 9/16" Slot T Grid</p> <ul style="list-style-type: none"> • Fixture Example: 2GR8-432 • T-Bar Safety Clips Required | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type "F" Fixture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Flange Trim)</p>  <p>F Flange Trim</p> | <p>For factory installed flange, replace "G" in fixture trim description with "F". Factory installed flange available on GC8 and GC only, field installed kits are available for all other models and are listed below.</p> <p>A Recessed Luminaire with Horizontal Steel or Aluminum (A) Flanges which conceal the edges of the ceiling opening</p> <ul style="list-style-type: none"> • Fixture example 2FC8-332 • Adjustable Swing Gates for mounting • Optional Flange Kit available – Field Convertible, Converts Grid Fixture (G) to Flange Fixture (F) – Standard Flange Trim Finish: Baked White Enamel (W) • Typical fixture ceiling opening requirements: Single – (Width) One-quarter Inch (1/4") plus nominal width, (Length) 1/4" plus nominal length. • Rows - fixture quantity times fixture length plus 1/4". • Plaster Frames available, see options and accessories section <p>FLANGE KITS (Field Installed)</p> <table border="1" data-bbox="564 1207 1519 1449"> <thead> <tr> <th>Fixture</th> <th>Fixture Size</th> <th>Flange Kit</th> <th>Ceiling Opening Size</th> </tr> </thead> <tbody> <tr> <td>GR8/GC8/GR5</td> <td>1' x 4'</td> <td>FCS-14W-U (Steel)</td> <td>12-1/4" x 48-1/4"</td> </tr> <tr> <td>GC</td> <td>1' x 4'</td> <td>F2-14W-U (Steel)</td> <td>12-1/4" x 48-1/4"</td> </tr> <tr> <td>GC</td> <td>20" x 24"</td> <td>F2-2024W-U (Steel)</td> <td>20-1/4" x 24-1/4"</td> </tr> <tr> <td>GR8/GC8/GR5</td> <td>2' x 2'</td> <td>FCTKA-22W-U</td> <td>24-1/4" x 24-1/4"</td> </tr> <tr> <td>GC</td> <td>20" x 48"</td> <td>F2-28W-U (Steel)</td> <td>20-1/4" x 48-1/4"</td> </tr> <tr> <td>GR8/GC8/GR5</td> <td>2' x 4'</td> <td>FCTKA-24W-U</td> <td>24-1/4" x 48-1/4"</td> </tr> </tbody> </table> | Fixture | Fixture Size | Flange Kit | Ceiling Opening Size | GR8/GC8/GR5 | 1' x 4' | FCS-14W-U (Steel) | 12-1/4" x 48-1/4" | GC | 1' x 4' | F2-14W-U (Steel) | 12-1/4" x 48-1/4" | GC | 20" x 24" | F2-2024W-U (Steel) | 20-1/4" x 24-1/4" | GR8/GC8/GR5 | 2' x 2' | FCTKA-22W-U | 24-1/4" x 24-1/4" | GC | 20" x 48" | F2-28W-U (Steel) | 20-1/4" x 48-1/4" | GR8/GC8/GR5 | 2' x 4' | FCTKA-24W-U | 24-1/4" x 48-1/4" |
| Fixture | Fixture Size | Flange Kit | Ceiling Opening Size | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR8/GC8/GR5 | 1' x 4' | FCS-14W-U (Steel) | 12-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GC | 1' x 4' | F2-14W-U (Steel) | 12-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GC | 20" x 24" | F2-2024W-U (Steel) | 20-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR8/GC8/GR5 | 2' x 2' | FCTKA-22W-U | 24-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GC | 20" x 48" | F2-28W-U (Steel) | 20-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR8/GC8/GR5 | 2' x 4' | FCTKA-24W-U | 24-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type "MZ" Fixture (GC Only) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Modular Trim / Aluminum)</p>  <p>MZ Modular Trim / Aluminum</p> <p>Concealed "T" Metal Pan and Concealed "Z" Spline Application</p> | <p>A Recessed Luminaire Trimmed to a Modular / Concealed Finished Dimension</p> <ul style="list-style-type: none"> • Fixture example: 2MZC-332 (complete fixture / factory installed trim) • On complete ordered fixture, Modular MZ Trim matches door frame assembly unless otherwise specified • Adjustable Swing Gates for mounting • Optional Aluminum Modular (MZ) Trim Kit available – Field Convertible, converts Grid Fixture (G) to Modular Fixture (MZ) – Available Aluminum Trim Finishes: Baked White Enamel (W) and Natural Anodized Aluminum (N) • For Concealed "T" and Concealed "Z" the main ceiling carries must be on the sides of the Luminaire. The weight of the Luminaire exists on the Swing-Gates and must be supported by main carriers, not cross members. At each end of the luminaire, an Angle Spline must be used, Cross or Main T's cannot be used. <table border="1" data-bbox="1223 1543 1510 1732"> <thead> <tr> <th colspan="2">MODULAR / MZ TRIM KIT / ALUMINUM</th> </tr> </thead> <tbody> <tr> <td>F2MZ/E-14W-U</td> <td>1' x 4'</td> </tr> <tr> <td>F2MZ/E-22W-U</td> <td>2' x 2'</td> </tr> <tr> <td>F2MZ/E-24W-U</td> <td>2' x 4'</td> </tr> <tr> <td>F2MZ/E-28W-U</td> <td>20" x 48"</td> </tr> </tbody> </table> | MODULAR / MZ TRIM KIT / ALUMINUM | | F2MZ/E-14W-U | 1' x 4' | F2MZ/E-22W-U | 2' x 2' | F2MZ/E-24W-U | 2' x 4' | F2MZ/E-28W-U | 20" x 48" | | | | | | | | | | | | | | | | | | |
| MODULAR / MZ TRIM KIT / ALUMINUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2MZ/E-14W-U | 1' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2MZ/E-22W-U | 2' x 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2MZ/E-24W-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2MZ/E-28W-U | 20" x 48" | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PARALUX II, III, IV, V SERIES – FLOATING LOUVER ASSEMBLIES

| Type "G" Fixture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------|----------------------|--------------|----------------------|--------------|---------|--------------------|-------------------|-------------|---------|----------------|-------------------|---------|----------------|-------------|-------------------|----------------|-----------|----------------------|-------------------|---------|-----------|--------------------|-------------------|--------|---------|---------------|-------------------|---------|---------|---------------|-------------------|-------------|-----------|--------------------|-------------------|----|-----------|------------------|-------------------|--------|---------|---------------|-------------------|---------|---------|---------------|-------------------|
| <p>(Exposed Grid)</p>  <p>G Grid Lay In (Standard)</p> <p>Integral Grid-Lock Feature (Standard)</p> | <p>A Recessed Luminaire with Narrow Flanges designed to rest on exposed 15/16" or 9/16" wide Inverted Grid Tees.</p> <ul style="list-style-type: none"> • Fixture example: 2P2GX-332S36I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Concealed T)</p>  <p>T Concealed T</p> | <p>A Recessed Luminaire with Narrow Flanges designed to rest on 15/16" wide Concealed Inverted Grid Tees</p> <ul style="list-style-type: none"> • Fixture Example 2EP3GX-332S36I • Optional TK Trim Kit available – Available TK trim finishes: Natural Anodized Aluminum (N) standard and Baked White Enamel (W) <table border="1" data-bbox="1263 432 1545 562"> <thead> <tr> <th colspan="2">TK TRIM KIT</th> </tr> </thead> <tbody> <tr> <td>TK-14N-U</td> <td>1' x 4'</td> </tr> <tr> <td>TK-22N-U</td> <td>2' x 2'</td> </tr> <tr> <td>TK-24N-U</td> <td>2' x 4'</td> </tr> </tbody> </table> | TK TRIM KIT | | TK-14N-U | 1' x 4' | TK-22N-U | 2' x 2' | TK-24N-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK TRIM KIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-14N-U | 1' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-22N-U | 2' x 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TK-24N-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Slot Grid)</p>  <p>G Slot Grid</p> | <p>A Recessed Luminaire designed to rest on 9/16" Slot-T Grid</p> <ul style="list-style-type: none"> • Fixture example: 2EP3GAX-332S36I • T-Bar Safety Clips required • Face of luminaire/door assembly is recessed about 5/16" into ceiling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type "F" Fixture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Flange)</p>  <p>F Aluminum Flange Trim with Supporting Swing Gates</p> | <p>A Recessed Luminaire with Horizontal Steel or Mitered Aluminum (M) Flanges which conceal the edges of the ceiling opening</p> <ul style="list-style-type: none"> • Complete fixture / factory installed trim. Fixture example: 2EP3FX-332S36I • Adjustable Swing Gates for mounting • Field installed Flange Kit available – Field Convertible, Converts Grid Fixture (G) to Flange Fixture (F) – Standard Flange Trim finish: Baked White Enamel (W) • Typical fixture ceiling opening requirements: Single – (Width) One-quarter Inch (1/4") plus nominal width, (length) 1/4" plus nominal length. • Rows - fixture quantity times fixture length plus 1/4". • Plaster frames available, see options and accessories section <p>FLANGE KITS (Steel) (Field Installed)</p> <table border="1" data-bbox="571 1050 1576 1459"> <thead> <tr> <th>Fixture</th> <th>Fixture Size</th> <th>Flange Kit</th> <th>Ceiling Opening Size</th> </tr> </thead> <tbody> <tr> <td>EP3, P4, P5</td> <td>1' x 2'</td> <td>F3/4-12W-U (steel)</td> <td>12-1/4" x 24-1/4"</td> </tr> <tr> <td>EP3, P4, P5</td> <td>1' x 4'</td> <td>F3/4M-14W-U</td> <td>12-1/4" x 48-1/4"</td> </tr> <tr> <td>P2</td> <td>1' x 4'</td> <td>F2M-14S-W-U</td> <td>12-1/4" x 48-1/4"</td> </tr> <tr> <td>EP3, P4, P5</td> <td>20" x 24"</td> <td>F3/4-2024W-U (steel)</td> <td>20-1/4" x 24-1/4"</td> </tr> <tr> <td>P2</td> <td>20" x 24"</td> <td>F2-2024W-U (steel)</td> <td>20-1/4" x 24-1/4"</td> </tr> <tr> <td>P4, P5</td> <td>2' x 2'</td> <td>F4/5M-22S-W-U</td> <td>24-1/4" x 24-1/4"</td> </tr> <tr> <td>P2, EP3</td> <td>2' x 2'</td> <td>F2/3M-22S-W-U</td> <td>24-1/4" x 24-1/4"</td> </tr> <tr> <td>EP3, P4, P5</td> <td>20" x 48"</td> <td>F3/4-28W-U (steel)</td> <td>20-1/4" x 48-1/4"</td> </tr> <tr> <td>P2</td> <td>20" x 48"</td> <td>F2-28W-U (steel)</td> <td>20-1/4" x 48-1/4"</td> </tr> <tr> <td>P4, P5</td> <td>2' x 4'</td> <td>F4/5M-24S-W-U</td> <td>24-1/4" x 48-1/4"</td> </tr> <tr> <td>P2, EP3</td> <td>2' x 4'</td> <td>F2/3M-24S-W-U</td> <td>24-1/4" x 48-1/4"</td> </tr> </tbody> </table> | Fixture | Fixture Size | Flange Kit | Ceiling Opening Size | EP3, P4, P5 | 1' x 2' | F3/4-12W-U (steel) | 12-1/4" x 24-1/4" | EP3, P4, P5 | 1' x 4' | F3/4M-14W-U | 12-1/4" x 48-1/4" | P2 | 1' x 4' | F2M-14S-W-U | 12-1/4" x 48-1/4" | EP3, P4, P5 | 20" x 24" | F3/4-2024W-U (steel) | 20-1/4" x 24-1/4" | P2 | 20" x 24" | F2-2024W-U (steel) | 20-1/4" x 24-1/4" | P4, P5 | 2' x 2' | F4/5M-22S-W-U | 24-1/4" x 24-1/4" | P2, EP3 | 2' x 2' | F2/3M-22S-W-U | 24-1/4" x 24-1/4" | EP3, P4, P5 | 20" x 48" | F3/4-28W-U (steel) | 20-1/4" x 48-1/4" | P2 | 20" x 48" | F2-28W-U (steel) | 20-1/4" x 48-1/4" | P4, P5 | 2' x 4' | F4/5M-24S-W-U | 24-1/4" x 48-1/4" | P2, EP3 | 2' x 4' | F2/3M-24S-W-U | 24-1/4" x 48-1/4" |
| Fixture | Fixture Size | Flange Kit | Ceiling Opening Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P4, P5 | 1' x 2' | F3/4-12W-U (steel) | 12-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P4, P5 | 1' x 4' | F3/4M-14W-U | 12-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2 | 1' x 4' | F2M-14S-W-U | 12-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P4, P5 | 20" x 24" | F3/4-2024W-U (steel) | 20-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2 | 20" x 24" | F2-2024W-U (steel) | 20-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P4, P5 | 2' x 2' | F4/5M-22S-W-U | 24-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2, EP3 | 2' x 2' | F2/3M-22S-W-U | 24-1/4" x 24-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P4, P5 | 20" x 48" | F3/4-28W-U (steel) | 20-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2 | 20" x 48" | F2-28W-U (steel) | 20-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P4, P5 | 2' x 4' | F4/5M-24S-W-U | 24-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2, EP3 | 2' x 4' | F2/3M-24S-W-U | 24-1/4" x 48-1/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type "MZ" (Fixture 2", 3", 4", 5" Parabolics) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(Modular Trim / Aluminum)</p>  <p>MZ Modular Trim with Supporting Swing Gates</p> <p>Concealed "T" Metal Pan and Concealed "Z" Spline Application</p> | <p>A Recessed Luminaire trimmed to a Modular / Concealed finished dimension</p> <ul style="list-style-type: none"> • Complete fixture / factory installed trim. Fixture example: 2MZC-332S38I • On complete ordered fixture, Modular MZ Trim matches door frame assembly unless otherwise specified • Adjustable Swing Gates for mounting • Optional Aluminum Modular (MZ) Trim Kit available – Field Convertible, Converts Grid Fixture (G) to Modular Fixture (MZ) – Available Aluminum Trim Finishes: Baked White Enamel (W) and Natural Anodized Aluminum (N) • For Concealed "T" and Concealed "Z" the main ceiling carries must be on the sides of the Luminaire. The weight of the luminaire exists on the Swing-Gates and must be supported by main carriers, not cross members. At each end of the luminaire, an Angle Spline must be used, Cross or Main T's cannot be used. <p>MODULAR / MZ TRIM KIT / ALUMINUM</p> <table border="1" data-bbox="1102 1600 1555 1839"> <thead> <tr> <th>Fixture</th> <th>Flange Kit</th> <th>Fixture Size</th> </tr> </thead> <tbody> <tr> <td>EP3, P4, P5</td> <td>F3/4MZ-14W-U</td> <td>1' x 4'</td> </tr> <tr> <td>P2</td> <td>F2MZ-14-W-U</td> <td>1' x 4'</td> </tr> <tr> <td>P4, P5</td> <td>F4/5MZ/E-22W-U</td> <td>2' x 2'</td> </tr> <tr> <td>EP3, P2</td> <td>F2/3MZ/E-22W-U</td> <td>2' x 2'</td> </tr> <tr> <td>P4, P5</td> <td>F4/5MZ/E-24W-U</td> <td>2' x 4'</td> </tr> <tr> <td>EP3, P2</td> <td>F2/3MZ/E-24W-U</td> <td>2' x 4'</td> </tr> </tbody> </table> | Fixture | Flange Kit | Fixture Size | EP3, P4, P5 | F3/4MZ-14W-U | 1' x 4' | P2 | F2MZ-14-W-U | 1' x 4' | P4, P5 | F4/5MZ/E-22W-U | 2' x 2' | EP3, P2 | F2/3MZ/E-22W-U | 2' x 2' | P4, P5 | F4/5MZ/E-24W-U | 2' x 4' | EP3, P2 | F2/3MZ/E-24W-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixture | Flange Kit | Fixture Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P4, P5 | F3/4MZ-14W-U | 1' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P2 | F2MZ-14-W-U | 1' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P4, P5 | F4/5MZ/E-22W-U | 2' x 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P2 | F2/3MZ/E-22W-U | 2' x 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P4, P5 | F4/5MZ/E-24W-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EP3, P2 | F2/3MZ/E-24W-U | 2' x 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

DRYWALL FRAMING KIT (DF) SERIES



FEATURES

- Individual modular frame unit
- Nominal 1-1/2" frame depth
- Side and end rails of extruded aluminum
- Offset toleranced corner fasteners
- Painted after fabrication
- Available in satin anodized or baked white enamel finish
- Individual row mount with center mullion support (DFR Series)
- Uninterrupted continuous row (DFC Series). Available for RCC fixtures only
- DF, DFC and DFR Series add 3/16" to nominal width of fixture used. Add 1/4" to nominal length of each fixture used for DF and DFR, add 1/4" to total length of all fixtures for DFC.

DF SERIES

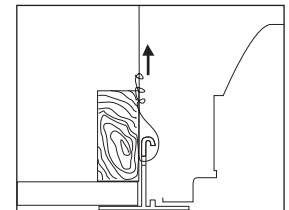
Description

The **DF Drywall Frame Kit Series** features a modular framing unit that will trim out an opening in a drywall ceiling. This opening will resemble a modular grid ceiling when installed. The kits are field assembled and installed into the drywall ceiling independent of the luminaire. The Drywall Frame Kit enables the contractor or end user to frame out a modular opening and install a choice of any standard modular recessed luminaire. The ease of installation feature makes the Framing Kit a good choice for the commercial, residential and architectural market.

The **DF Series** is available in all popular modular sizes to fit any lay-in fixture to include: 1' x 2', 2' x 4', 2' x 2', 1' x 4', 1' x 8', 20" x 24", 20" x 48", 10" x 2' and 10" x 4'.

The **DFR Series** is a modular framing unit for row mounting luminaires with a center mullion support for trimming out an opening in drywall ceilings. The DFR Series is available in all popular modular sizes to fit any lay-in fixture to include: 1' x 2', 2' x 4', 2' x 2', 1' x 4', 1' x 8', 20" x 24", 20" x 48", 10" x 2' and 10" x 4'.

The **DFC Series** is a continuous row uninterrupted modular framing unit with no Cross T supports. It is used for trimming out an opening in drywall ceilings to install continuous row luminaires. The DFC Series is available in Twelve Inch (12") widths. For continuous row RCC luminaires only.



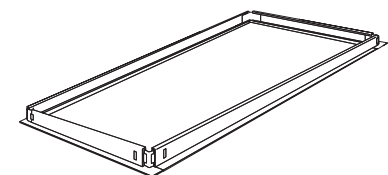
ORDERING INFORMATION

SAMPLE NUMBER: DF-102-W

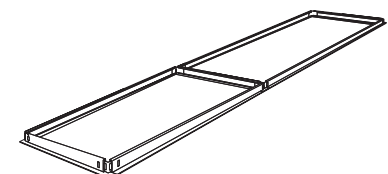
| Series | Application (Leave Blank For DF Series) | Width | Length | Finish |
|---|--|---|---|---|
| DF=Framing Kit DFR=Framing Kit Support/Center Mullion DFC=Framing Kit Continuous ¹ | E=End of Row R=Middle of Row | 10=Ten Inch (10") (Not Available on DFC Series) 1=One Foot (1') 20=Twenty Inches (20") (Not Available on DFC Series) 2=Two Feet (2') (Not Available on DFC Series) 4=Four Feet (4') (Not Available on DFC Series) | 2=Two Feet (2' Nominal) 4=Four Feet (4' Nominal) 6=Six Feet (6' Nominal) 8=Eight Feet (8' Nominal) | N=Satin Anodized Aluminum W=Baked White Enamel |

PRODUCT INFORMATION

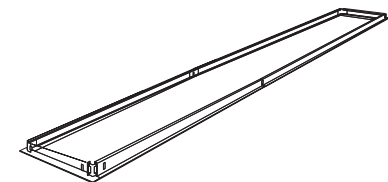
| Catalog Number | Nominal Luminaire Size (Inches) | Ceiling Opening Size (Inches) (Width x Length) |
|------------------------|---------------------------------|--|
| DF-12-W | 1' x 2' | 12-3/16" x 24-1/4" |
| DF-14-W | 1' x 4' | 12-3/16" x 48-1/4" |
| DF-18-W ² | 1' x 8' | 12-3/16" x 96-1/4" |
| DF-22-W | 2' x 2' | 24-3/16" x 24-1/4" |
| DF-24-W | 2' x 4' | 24-3/16" x 48-1/4" |
| DF-2024-W | 20" x 24" | 20-3/16" x 24-1/4" |
| DF-2048-W | 20" x 48" | 20-3/16" x 48-1/4" |
| DF-102-W ³ | 10" x 2' | 10-3/16" x 24-1/4" |
| DF-104-W ³ | 10" x 4' | 10-3/16" x 48-1/4" |
| DFR-12-W | 1' x 2' | 12-3/16" + 1/4" added to each fixture length |
| DFR-14-W | 1' x 4' | 12-3/16" + 1/4" added to each fixture length |
| DFR-18-W ² | 1' x 8' | 12-3/16" + 1/4" added to each fixture length |
| DFR-22-W | 2' x 2' | 24-3/16" + 1/4" added to each fixture length |
| DFR-24-W | 2' x 4' | 24-3/16" + 1/4" added to each fixture length |
| DFR-2024-W | 20" x 24" | 20-3/16" + 1/4" added to each fixture length |
| DFR-2048-W | 20" x 48" | 20-3/16" + 1/4" added to each fixture length |
| DFR-102-W ³ | 10" x 2' | 10-3/16" + 1/4" added to each fixture length |
| DFR-104-W ³ | 10" x 4' | 10-3/16" + 1/4" added to each fixture length |
| DFC-12-W | 1' x 2' | 12-3/16" + 1/4" added to total fixture length |
| DFC-14-W | 1' x 4' | 12-3/16" + 1/4" added to total fixture length |
| DFC-18-W ¹ | 1' x 8' | 12-3/16" + 1/4" added to total fixture length |



DF Series



DFR Series



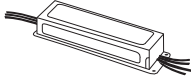
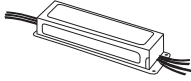


DFC Series

NOTES: 1. For use with RCC fixtures only. 2. For use with RCG fixtures only. 3. For use with RWW fixtures only.

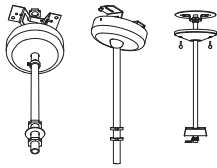
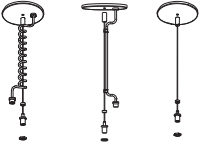
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STANDARD PRODUCT OPTIONS AND ACCESSORIES

ELECTRICAL

| | Designation | Description |
|--|---|---|
| Ballasts  | | Refer to product spec sheets for ballast options. |
| Emergency Lighting  (for additional lamp lumen performance refer to Sure-Lites spec sheet) | EL4 (350-500 lumens) Two Foot (2') - Four Foot (4') RS, SL, and Compact EL8 (600-700 lumens) Two Foot (2') - Eight Foot (8') RS, SL, HO and Compact EL5 (up to 700 lumens) Two Foot (2') - Four Foot (4') T5 EL5HO (up to 600 lumens) Two Foot (2') - Four Foot (4') T5HO EL14 (600 to 1400 lumens) Three Foot (3') - Eight Foot (8') RS, SL and HO; Two Foot (2') - Four Foot (4') T5 and T5HO | Self-contained, operates one lamp at emergency levels for 90 minutes upon power loss (120V or 277V). For Dry Locations Only |
| Fusing (Internal or External)  | GL GM | Single Element (Fast Blow) Fuse Double Element (Slow Blow) Fuse |
| Radio Interference Suppressor  | RIF-1 (Suppressor-Advance) | Inductive capacitor circuit to minimize interference from line radiation or feedback. |
| Night Lights (Parabolic, Recessed and Surface only) | PL | Compact lamp fluorescent night light (5, 7, 9 or 13 Watt lamp, specify voltage 120V or 277V). Example: PL-13/120V |


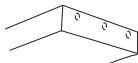
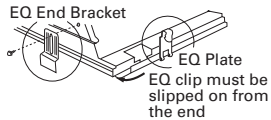
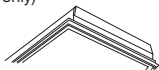




MOUNTING

| Suspension Sets | Designation | Ordering Information |
|--|---|--|
| Stem Sets  SCF SCS SCA | SCF-XX-B Fixed Stem Set SCS-XX-B (Deep Canopy, 3/8" stem, 5/8" Outside Diameter) XX =Length 6", 8", 12", 24", 36", 48", 60", 72" SCA-48-B Field cutable Stem Set (1/4" IPS Stem, 1/2" O.D.) Used with all surface fixtures as stem sets. SCS stems have forty-five degree (45°) swivel, one direction. One set consists of one (1) stem assembly. Minimum of two (2) sets required per fixture. NOTE: Coupler, three-eighths inch (3/8") IPS Pipe Coupler to join lengths. Coupler is standard baked white enamel or special order of black. | <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> CCF <small>Type of Kit CCA=Adjustable Cable Kit CCF=Fixed Length Cable Kit</small> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 18 <small>Length of Cable Fixed Length 12=12" long 15=15" long 18=18" long 21=21" long 24=24" long 27=27" long 48=48" long Adjustable 120=120" long</small> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> NPF <small>Configuration NPF=Non Power Feed PFS=Straight Cord Power PFC=Curly Cord Power Feed</small> </div> </div> |
| Cable Sets  CCA PFC CCA PFS CCA NPF | CCA-XX-PFC-C CCA=Adjustable Cable (XX=48" or 120") CCA-XX-PFS-U CCF=Fixed Cable (XX=12", 15", 18", 21", 24", or 27") CCA-XX-NPF-U PFC=Power Feed, Coil Power Cord CCF-XX-PFC PFS=Power Feed, Straight Power Cord CCF-XX-PFS NPF=Non-Power Feed CCF-XX-NPF NOTE: Coupler, Three-eighths inch (3/8") IRS Pipe Coupler to join lengths. Coupler is standard baked white enamel or special order of black. | |

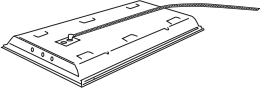
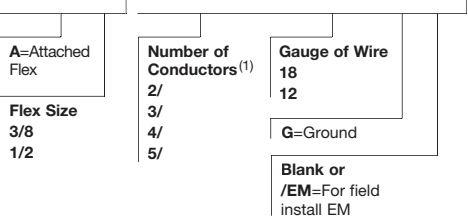
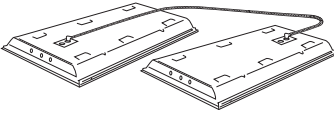
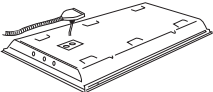
Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PARABOLIC, RECESSED AND SURFACE

MISCELLANEOUS

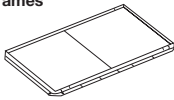
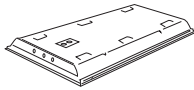



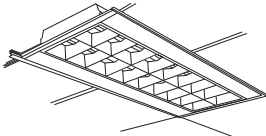
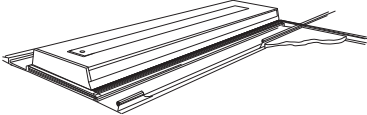

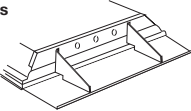
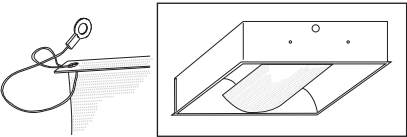

| | Designation | Description |
|---|---|---|
| Vandal Resistant Door (GC only)  | VRS | Flat doors only. Frame secured with four (4) or six (6/VRS) torx head with center pin head screws. (No latches) |
| End Knockouts (M, MC and SA Series)  | EKO | 7/8" KO's in end of fixture housing. Number of KO's and location varies by fixture type. |
| T-Bar Safety Clips (U.L. Listed 912Y and E61165)  <p>EQ End Bracket EQ Plate EQ clip must be slipped on from the end</p> | EQ-CLIP-U (Black) | UL approved safety clips used to secure recessed troffers to T-bar. EQ clips used on fixture sides. Order four (4) per fixture |
| | EQ-CLIP-WH (White) | |
| | T3A END E.Q. BRACKET PARTS BAG | EQ clips for use on fixture ends. Comes with four (4) screws and four (4) brackets. |
| Optional Painted And Natural Door Frames (GC only)  | Blank - (White Door Frame) Standard | Baked enamel finish |
| | BDF - (Black Door Frame) | Baked enamel finish |
| | FA, RA, FAN, RAN, FAB, RAB | See spec sheets for aluminum door finish |
| Heat Removal Dampers Note: Parabolic troffers only  | HRD  C=Closed O=Open | Used on heat removal luminaires to adjust or close off air flow through the housings. (See fixture catalog page for series ordering information). |
| Air Pattern Control Vanes  | AV | Adjustable air pattern control vanes to adjust or direct air flow on Air Supply/Air Return Troffers. (See fixture catalog page for series ordering information) |
| Lamps, Furnished/Installed | | See Troffer Lamp Options Page |
| Paralux Louver Finishes  | I =Semi-Specular/Low Iridescent | Louver formed of "Low Iridescent" aluminum incorporating an oxide coating which counteracts the iridescent effect/rainbowing |
| | MI =Specular, Mirrored/Low Iridescent | Louver formed of specular anodized aluminum. Finish is anodic oxide coating. (See fixture catalog pages for additional ordering information) |
| | P =White | Louver formed from white pre-painted aluminum. |

WIRING

| | Ordering Information | Description |
|---|---|---|
|  | SAMPLE NUMBER: A3/8-2/18G  <p>A=Attached Flex Flex Size 3/8 1/2</p> <p>Number of Conductors⁽¹⁾ 2/ 3/ 4/ 5/</p> <p>Gauge of Wire 18 12</p> <p>G=Ground</p> <p>Blank or /EM=For field install EM</p> <p>NOTES: 1. For fixtures with emergencies, extra conductor must be added to accommodate hot lead for EM.</p> | 3/8" factory prewired flex wired into fixture access plate. Various wire gauges and number of wires available. Six foot (6') lengths only. The Flex set consists of the following: <ul style="list-style-type: none"> • One wago connector per wire • Six feet (6') of steel flex • Eighteen (18) gauge TFN wire, seven (7') foot leads, exposing six inches (6") out of each end • One ninety degree (90°) flex connector • One straight-in flex connector • One access plate |
| Master/Satellite  | | Labor Saving tandem wiring system. Both installation and energy efficient. (See Master/Satellite Concept page or consult Pre-Sales Technical Support for additional information.) |
| Modular Wiring Systems  | | Component wiring system, provides cost and labor saving alternative to conventional hardwiring. Uses interchangeable modular components. Offers portability and versatility in lighting configurations. (See MWS Section or consult Pre-Sales Technical Support for additional ordering information.) |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

MISCELLANEOUS

| | Designation | Description |
|---|---|--|
| Plaster Frames  | 95-PF-14-U (1x4) | Heavy Gauge Metal Construction for new construction plaster ceiling. Used with Flanged Recessed Fixtures (Intended to serve as a plaster stop only, not to fit into an opening). |
| | 95-PF-22-U (2x2) | |
| | 95-PF-24-U (2x4) | |
| Rated Construction  | FR Example: 2GC-332A-UNV-EB81-FR-U | Fixture Classification for Fire Rated Ceiling Fixture is FR labeled "SUITABLE FOR INSTALLATION IN FIRE RATED CEILING" when applied in conformance with the designs specified in the "Underwriters Laboratories Fire Resistance Directory". |
| | IC Example: 2GR8IC-332A-UNV-EB81-U | Fixture Classification for Insulated Ceiling Fixture is IC labeled "SUITABLE FOR DIRECT CONTACT TO INSULATION". Refer to www.cooperlighting.com for available fixtures. |
| Fixture Gasketing Note: G2 and G3 gasket options are only available on GC fixtures (aluminum) or GC8 fixtures using aluminum frames. Gasketing availability: GC/GC8. No HR, air or louvers. (Lens minimum and maximum = 0.125) |  G1 | Neoprene gasket between door frame and fixture housing. |
| |  G2 | G1 gasketing plus vinyl gasketing between lens and door frame. |
| |  G3 | G1 and G2 gasketing plus neoprene gasketing on mounting surface of fixture trim. (Grid or Flange). Field installed. |
| Side Filler Panel  | SFP-4FT-B  | Heavy gauge side filler panels for 20" x 48" fixture for use in a 2' x 4' ceiling installation. (Baked white finish/two (2) per set). |
| Spacer  | A-1-B/SPACER-B | Spaces fixture one and one-half inch (1-1/2") to two and one-half inches (2-1/2") from ceiling. (Use with all strips and industrials) |
| End Fillers  | 12-EFS-B (1x2, 1x4) | Six Inch (6") Heavy gauge end fillers. Use two (2) per fixture. End fillers lay on T-bars and are held in place by fixtures but are not attached. |
| | 20-EFS-B (20x48) | |
| | 24-EFS-B (2x2, 2x4) | |
| End Support Brackets | ESS-B | Heavy gauge end support brackets. Four (4) per fixture are required when fixtures are supported from ends. Must be used with fixture that has a modified end plate (MEP). |
| Ovation Shield Cable Option  | LSC Center Mount | The lamp shield cable (LSC) is a factory option available for any and all Ovation products. For center mount Ovation models, use the LSC option. For side-mount, use the LSCS option. Ovation products specified with this option ship with a parts bag that contains the safety lanyards, clear rubber "caps" and instruction sheet. |
| | LSCS Side Mount | |
| Palletizing | PAL  | Un-cartoned fixtures secured by corrugated end cap protectors and heavy gauge stretch wrap. Fast and efficient handling. |
| | PALC | Fixtures in cartons secured by heavy gauge stretch wrap. Fast and efficient handling. |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PRODUCT INFORMATION FOR LAMPS

| Brand | Lamp | P5 | P4 | EP3/HP3 | P2/HP2 | OPTICA | RDI/A | GC | GC8 | GR8 | GR5 | GCA | RWW | AC | AC2 | ALN | |
|----------------------|-------|----|----|---------|--------|--------|-------|----|-----|-----|-----|-----|-----|----|-----|-----|---|
| Generic ² | L8730 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | L8735 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | L8741 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | L8830 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | L8835 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | L8841 | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | |
| | LB30 | X | X | X | | | X | | | | | | X | X | | | |
| | LB35 | X | X | X | | | X | | | | | | X | X | | | |
| | LB41 | X | X | X | | | X | | | | | | X | X | | | |
| | L5830 | X | X | X | X | X | X | X | X | | | X | X | X | X | X | X |
| | L5835 | X | X | X | X | X | X | X | X | | | X | X | X | X | X | X |
| | L5841 | X | X | X | X | X | X | X | X | | | X | X | X | X | X | X |

NOTES: 1. Add "HL" (High Lumen) to lamp ordering logic to indicate high-lumen lamp; generic HL lamps available for 32T8 or 28T5 only. Add "C" to specify Cover-guard lamps installed. 2. Generic lamp product information also valid for GE, Philips and Sylvania lamp technologies. See product information for specified lamps below.

PRODUCT INFORMATION FOR SPECIFIED LAMPS

T8 SAMPLE NUMBER: LGF28T8 / SPX41M / XL

| Lamp | Brand | Wattage | CRI | Kelvin | Type (not for Biax) ³ |
|------|------------|---|--|---|--|
| L | G=GE | BX=40, 50 or 55W Biax (all Biax SPX only) F17=17W F28=28W F32=32W | SP=78 CRI SPX=83+ CRI ³ | 30M/=3000K 35M/=3500K 41M/=4100K ³ 50M/=5000K ³ WM=Watt-Miser | OC8=Octron T8 or ECO XL=Extended Life SXL=Super Extended Life HL=High Lumen XL CVG=Coverguard |
| L | W=Philips | FO17T8M/=17W FO28T8M/=28W FO32T8M/=32W | TL7=78 CRI TL8=85 CRI ⁴ ADV=Advantage, High Lumen, Long Life | 30=3000K 35=3500K 41=4100K 50=5000K ⁴ | Blank=ALTO PLUS=Plus, Long Life EWithLL=Energy Advantage, Long Life |
| L | S=Sylvania | FO17M/T8=17W FO28M/T8=28W FO32M/T8=32W | 7=75+ CRI 8=85 CRI ⁵ | 30=3000K 35=3500K 41=4100K 50=5000K ⁵ | Blank=ECO XP=Extended Performance, ECO3 XP/SS=Super Saver XP XPS=High Lumen, Extended Performance XPXL=Extra Life/Extended Performance |

NOTES: 3. XL, SXL and HL lamp CRI values are 81-82 for 4100K or 80 for 5000K. 4. CRI value of 82 for 5000K. 5. XPS and XPXL lamp CRI values are 81 for 5000K.

T5 and T5HO SAMPLE NUMBER: LWF28T5M / 850

| Lamp | Brand | Wattage | Other | CRI | Kelvin | Type (not for Biax) |
|------|---------------------------------|--|--|-------------|--|---|
| L | G=GE W=Philips S=Sylvania | F14T5=14WT5 F21T5=21WT5 F24T5=24WT5HO F28T5=28WT5 F39T5=39WT5HO F54T5=54WT5HO | 47W=47WT5HO (GE only) [Blank]=51WT5HO (GE only) | M/8=85+ CRI | 30=3000K 35=3500K 41=4100K 50=5000K | WM=Watt-Miser (GE only) HL=High Lumen XL (T5 only) HOEA49=49W (Philips only) HOEA44=44W (Philips only) |

T8 U-LAMP SAMPLE NUMBER: LSF031M / 835XP

| Lamp | Brand | Wattage | CRI | Kelvin | Type | |
|------|------------|--|------------------------------|---|--|---|
| L | G=GE | | SP=78 CRI SPX=82+ CRI | 30=3000K 35=3500K 41=4100K 50=5000K ⁶ | M/OC8U6=32W Six Inch (6") T8 M/U1-5/8=31W One and Five-Eighths Inch (1-5/8") T8 | WM=Watt-Miser ⁷ |
| L | W=Philips | F32T8=32W Six Inch (6") T8 | M/TL7=75 CRI M/TL8=85 CRI | 30=3000K 35=3500K 41=4100K 50=5000K | | Blank=ALTO XEW=Energy Advantage (25W 6" U-lamp spacing only) |
| L | S=Sylvania | FO32M/=Six Inch (6") T8 FO31M/=One and Five-Eighths Inch (1-5/8") T8 | 7=75 CRI 8=85 CRI | 30=3000K 35=3500K 41=4100K 50=5000K ⁸ | | Blank=ECO XP=Extended Performance XP/SS=Super Saver XP XPS=High Lumen, Extended Performance |

NOTES: 6. SPX only. 7. 30W 6" U-Lamp Spacing only. 8. 6" U6T8 75 CRI or 85 CRI XPS only.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PARABOLICS AND RECESSED

| Brand | Battery | P5 | P4 | EP3/HP3 | P2/HP2 | OPTICA | RDI | GC | GC8 | GR8/GR5 | GCA | AC | AC2 | ALN |
|---------|---|----|----|---------|--------|--------|-----|----|----------------|----------------|-----|----------------|-----|-----|
| Generic | EL4 (350-500 lm) | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | EL5 (up to 700 lm) | X | X | X | X | | X | X | | X | X | X | X | X |
| | EL8 (600-700 lm) | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | EL5HO (up to 600 lm) | X | X | X | X | | X | X | | X | X | X | X | X |
| | EL14 (600-1400 lm) ¹ | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Bodine | EL-B100 (350-450 lm) | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B90 (500-600 lm) | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B70A (600-700 lm) | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B60 (600-700 lm) | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B60LPU (600-700lm) | X | X | X | X | X | X | X | X | X | X | X | X | |
| | EL-B50 (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B50ST (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-B50RCT (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-LP500 (370-520 lm) | | | X | X | | X | X | | X | X | X ⁵ | | X |
| | EL-LP550 (390-700 lm) | | | X | X | | X | X | | X | X | X ⁵ | | X |
| | EL-LP600 (600-1325 lm) | | | X | X | | X | X | | X | X | X ⁵ | | X |
| Iota | EL-I32 (up to 550 lm) | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | EL-I40 (up to 700 lm) | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | EL-I48 (up to 700 lm) | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | EL-I320 (1300 lm) ^{1,2} | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-I880 (2000 lm) ^{1,2} | | | | | | X | | X ⁴ | X ⁴ | | X | X | |
| | EL-I232 (2 @ 1400 lm) ² | X | X | X | X | | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-ISD80 (1300 lm) ^{1,2} | X | X | X | X | X | X | X | X ⁴ | X ⁴ | X | X | X | |
| | EL-ISL28 (up to 500 lm) ³ | | | X | X | | X | X | | X | X | X ⁵ | | X |
| | EL-ISL54 (up to 825 lm) | | | X | X | | X | X | | X | X | X ⁵ | | X |
| | EL-ISL540 (up to 1300 lm) | | | X | X | | X | X | | X | X | X ⁵ | | X |

NOTES: 1. For battery wired for two lamps, specify "/2L" after battery description. 2. Due to size, battery cannot be installed in 2-lamp and 4-lamp 2' x 2's, except RDI. 3. Will not operate two (2) lamps. 4. Due to battery size, a wide ballast cover is used. 5. 2' x 4' only.

PRODUCT INFORMATION FOR SURFACE

| Brand | Battery | M/MC | SA | WN | WS | CR | RWW ⁶ | CL | BA/BAU | BI/BIU ⁶ | BE/BEU ⁶ | BC ⁶ |
|---------|---|------|----|----|----|----|------------------|----|----------------|---------------------|---------------------|-----------------|
| Generic | EL4 (350-500 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL5 (up to 700 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL8 (600-700 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL5HO (up to 600 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL14 (600-1400 lm) ¹ | X | X | X | X | X | X | | X | X | X | X |
| Bodine | EL-B100 (350-450 lm) | X | X | X | X | X | X | | X ⁴ | X | X | X |
| | EL-B90 (500-600 lm) | X | X | X | X | X | X | | X ⁴ | X | X | X |
| | EL-B70A (600-700 lm) | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-B60 (600-700 lm) | X | X | X | X | X | X | | X ⁴ | X | X | X |
| | EL-B60LPU (600-700lm) | X | X | | X | X | X | | X | X | X | X |
| | EL-B50 (1100-1400 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-B50ST (1100-1400 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-B50RCT (1100-1400 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-LP500 (370-520 lm) | | | | | | X | | | | | |
| | EL-LP550 (390-700 lm) | | | | | | X | | | | | |
| | EL-LP600 (600-1325 lm) | | | | | | X | | | | | |
| Iota | EL-I32 (up to 550 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL-I40 (up to 700 lm) | X | X | X | X | X | X | | X | X | X | X |
| | EL-I48 (up to 700 lm) | X | X | | X | X | X | | X | X | X | X |
| | EL-I320 (1300 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-I880 (2000 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-I232 (2 @ 1400 lm) ² | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-ISD80 (1300 lm) ^{1,2} | X | X | | X | X | X | | X ⁴ | X | X | X |
| | EL-ISL28 (up to 500 lm) ³ | | | | | | X | | | | | |
| | EL-ISL54 (up to 825 lm) | | | | | | X | | | | | |
| | EL-ISL540 (up to 1300 lm) | | | | | | X | | | | | |

NOTES: 1. For battery wired for two lamps, specify "/2L" after battery description. 2. Due to size, battery cannot be installed in 2-lamp and 4-lamp 2' x 2's, except RDI. 3. Will not operate 2-lamps. 4. Due to battery size, a wide ballast cover is used. 5. 2' x 4' only. 6. Due to size limitations, battery cannot be installed in two foot (2') units.

PRODUCT INFORMATION FOR STRIP AND INDUSTRIALS

| Brand | Battery | RCG ² | SNF ² | SSF ² | SNL ² | SSL ² | SNSM ² | SNRA ² | SMSL ² | DIF/ DMF/ DVMF | IAF/ ICF | VT1 | VT2 ² | VT3 | VT4 | SM/ SML ² | I5/ I8 | HBI/ HBG | 2HBHD/ 2HBHT/ 2HBG | HBE/ HBL | MBF | ABI |
|---------|--|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|----------------------|-------------|-----|------------------|----------------|----------------|-------------------------|-----------|-------------|--------------------------|-------------|-----|-----|
| Generic | EL4 (350-500 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | X | X | X | |
| | EL5 (up to 700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | X | X | X | |
| | EL8 (600-700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | X | X | X | |
| | EL5HO (up to 600 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | X | X | X | |
| | EL14 (600-1400 lm) ¹ | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | X | X | X | |
| Bodine | EL-B100 (350-450 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-B90 (500-600 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-B70A (600-700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-B60 (600-700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-B60LPU (600-700 lm) | X | X | X | X | X | X | X | X | X | X | | X ³ | X ³ | X ³ | X | X | X | X ³ | X | X | |
| | EL-B50 (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | X ³ | X ³ | X ³ | X | X | X | X ³ | X | X | |
| | EL-B50ST (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-B50RCT (1100-1400 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-LP500 (370-520 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | X | X | |
| | EL-LP550 (390-700 lm) | | | | | | | | | | | | X | X | X | X | X | X | X | X | X | |
| | EL-LP600 (600-1325 lm) | | | | | | | | | | | | X | X | X | X | X | X | X | X | X | |
| Iota | EL-I32 (up to 550 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-I40 (up to 700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-I48 (up to 700 lm) | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-I320 (1300 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-I880 (2000 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-I232 (2 @ 1400 lm) ² | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-ISD80 (1300 lm) ^{1,2} | X | X | X | X | X | X | X | X | X | X | | | | | X | X | X | | | | |
| | EL-ISL28 (up to 500 lm) ³ | | | X | X | | | | | | | | | | | | | X | X | | X | X |
| | EL-ISL54 (up to 825 lm) | | | X | X | | | | | | | | | | | | | X | X | | X | X |
| | EL-ISL540 (up to 1300 lm) | | | X | X | | | | | | | | | | | | | X | X | | X | X |
| | EL-I40DL (up to 700 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |
| | EL-I48DL (up to 700 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |
| | EL-I80DL (1300 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |
| | EL-I232DL (2 @ 1400 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |
| | EL-ISL28DL (up to 500 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |
| | EL-ISL54DL (up to 825 lm) | | | | | | | | | | | | X | X | X | | | | | X | | |

NOTES: 1. For battery wired for two lamps, specify "/2L" after battery description. 2. Due to size limitations, battery cannot be installed in two (2) foot units. 3. Order BDLGOU or B50LP for vaportitie, hosedown or UL wet listed fixtures.

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PRODUCT INFORMATION FOR EXTENDED OPTIONS

| Nomenclature | Description | P5 | P4 | EP3/HP3 | P3 | P2/HP2 | OPTICA | GC | GC8 | GR8/GR5 | GCA | RWW | RDI | AC/AC2 | ALN |
|------------------|--|----|----------------|----------------|----|----------------|--------|----------------|----------------|----------------|-----|-----|-----|-----------------|-----|
| RIF1 | Radio Interference Suppressor | X | X | X | | X | X | X | X | X | X | X | X | X | X |
| 2/RIF1 | Two (2) Suppressors | X | X | X | | X | | X | X | X | X | X | X | X | |
| PL5/120 | PL5 Night Light wired 120V | X | X | X | | X | | X | | | X | X | X | | |
| PL5/277 | PL5 Night Light wired 277V | X | X | X | | X | | X | | | X | X | X | | |
| PL7/120 | PL7 Night Light wired 120V | X | X | X | | X | | X | | | X | X | X | | |
| PL7/277 | PL7 Night Light wired 277V | X | X | X | | X | | X | | | X | X | X | | |
| PL9/120 | PL9 Night Light wired 120V | X | X | X | | X | | X | | | X | X | X | | |
| PL9/277 | PL9 Night Light wired 277V | X | X | X | | X | | X | | | X | X | X | | |
| PL13/120 | PL13 Night Light wired 120V | X | X | X | | X | | X | | | X | X | X | | |
| PL13/277 | PL13 Night Light wired 277V | X | X | X | | X | | X | | | X | X | X | | |
| LAP ¹ | Less Access Plate | X | X | X | | X | X | X | X | X | | | | X | X |
| LAO ² | Less Access Opening | X | X | X | | X | X | X | X | X | X | | | X | X |
| FR | Suitable for Install Fire Rated Ceiling | X | X | X | | X | | X | X | X | X | | X | X | X |
| IC | IC-Rated ⁶ | | | X | | X | X | X | X | X | | | X | X ¹⁰ | X |
| G1 | Gasket btw DR Frm and Housing | | | | | | | X | X | X | X | | | | |
| G2 ³ | Gasket btw DR Frm and Housing, btw Lens and DR Frm | | | | | | | X | X ⁵ | | X | | | | |
| G3 ³ | Gasket btw DR Frm and Hous, btw Lens and DR Frm on Mnt Surf of Trm | | | | | | | X | X ⁵ | | X | | | | |
| VRS | Vandal Resistant Screws (2FT - 2; 4FT - Four (4) screws) | | | | | | | X | | | | | | | |
| 6/VRS | Six (6) Vandal Resistant Screws | | | | | | | X | | | | | | | |
| MEP ⁴ | Modified End Plate | X | X | X | | X | X | X | | | X | | | | |
| REP | Riveted End Plate | X | X | X | | X | X | X | X | | X | X | X | | X |
| 6/LC | Six (6) Lens Clips | | | | | | | X | X | | | | | | |
| 2BC | Second Ballast Cover | | X ⁷ | X ⁷ | | X ⁷ | | X ⁷ | X ⁸ | X ⁸ | X | | | | |
| EM/BC | EM Installed in field ⁹ (Wide or standard BC used in fixture) | X | X | X | | X | X | X | X | X | X | | | | |
| 1IN/MLAB | One Inch (1") Mark Labeling | X | X | X | X | X | | X | X | | X | X | X | | |
| 2IN/MLAB | Two Inch (2") Mark Labeling | X | X | X | X | X | | X | X | | X | X | X | | |
| PAF | Painted After Fabrication | | X | X | | X | | X | X | | X | | | | X |
| DS | Debris Shield | | | | | | | | | | | | X | | |

NOTES: 1. Option used when housing access plates are shipped ahead for pre-wiring. 2. Required for 2-lamp or 4-lamp 2' x 2' fixture when two (2) ballast or one (1) ballast and emergency are requested. 3. Aluminum door and minimum 0.125" shielding. 4. Installation requires end fillers and may require end support bracket. See accessory page for further details. 5. Aluminum doorframe (FA/RA) only. 6. See product spec sheet for limitations. 7. For 2' x 2' 3L, 2BC is standard. See product spec sheet for additional info. 8. For 2' x 2' 3L Biax or U1-5/8, 2BC is standard; 2U6T8, 3T5 or 3T8, 2BC is optional. 9. Refer to EM table above for fit. 10. AC only.

PACKAGING (REQUIRED)

| Nomenclature | Description | P5 | P4 | EP3/HP3 | P3 | P2/HP2 | OPTICA | GC | GC8 | GR8/GR5 | GCA | RWW | RDI | AC | AC2 | ALN |
|--------------|-------------------------|----|----|---------|----|--------|--------|----|-----|---------|-----|-----|-----|----|-----|-----|
| U | Unit Pack | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| PAL | Job Pack, out of carton | X | X | X | | X | X | X | X | | X | | | | | |
| PALC | Job Pack, in carton | X | X | X | | X | X | X | X | | X | X | X | X | X | X |

PRODUCT INFORMATION FOR EXTENDED OPTIONS-SURFACE

| Nomenclature | Description | PMX | M/MC | SA | WB | WE | WS | CR | CL | BA ² | BI/BE ² | BC |
|-----------------|--|-----|------|----|----|----|----|----|----|-----------------|--------------------|----|
| IB | Socket Position Inboard | | | X | | | | | | | | |
| OB | Socket Position Outboard | | | X | | | | | | | | |
| RIF1 | Radio Interference Suppressor | X | X | | X | X | X | | X | X | | |
| 2/RIF1 | Two (2) Suppressors | X | X | | X | X | X | | X | X | | |
| 3CP | Three Foot (3') Cord and Plug | | | | | | | | X | | | |
| 6CP | Six Foot (6') Cord and Plug | | | | | | | | X | | | |
| PC /VOLTAGE | Cord and Plug Attached (Specify Voltage) | | | X | X | | X | X | | | | |
| PI/CPI | Plug-in Wiring | | | | | | | | | | | |
| TILW | Tandem In-Line Wiring | | | X | X | | X | X | | | | |
| 4BB | Four (4) Ballast Bolts | X | X | | X | | | | | X | X | X |
| PL5/120 | PL5 Night Light wired 120V | X | X | X | X | | X | | | X | X | |
| PL5/277 | PL5 Night Light wired 277V | X | X | X | X | | X | | | X | X | |
| PL7/120 | PL7 Night Light wired 120V | X | X | X | X | | X | | | X | X | |
| PL7/277 | PL7 Night Light wired 277V | X | X | X | X | | X | | | X | X | |
| PL9/120 | PL9 Night Light wired 120V | X | X | X | X | | X | | | X | X | |
| PL9/277 | PL9 Night Light wired 277V | X | X | X | X | | X | | | X | X | |
| PL13/120 | PL13 Night Light wired 120V | X | X | X | X | | X | | | X | X | |
| PL13/277 | PL13 Night Light wired 277V | X | X | X | X | | X | | | X | X | |
| G1 | Gasket btw Door Frame and Housing | | X | | | | | | | | | |
| G2 ¹ | Gasket btw Door Frame and Housing, btw Lens and Door Frame | | X | | | | | | | | | |
| VRS | Vandal Resistant Screws (4 standard) | | X | | | | | | | | | |
| 6/VRS | Six (6) Vandal Resistant Screws | | X | | | | | | | | | |
| BH | Matte Black Finish | | | | | | | | | X | X | |
| WH | White Finish | | | | | | | | | X | | |
| CO | Grounded Convenience Outlet | | | | | | | | X | X | X | X |
| PS1 | Pull Switch, Single Circuit (120V only) | | | | | | | | | X | X | X |
| PS1D | Pull Switch, Wired to Downlight Circuit (120V only) | | | | | | | | | X | X | X |
| PS4 | Pull Switch, Four-way (120V only) | | | | | | | | | X | X | X |
| RS1 | Rotary Switch, Single Circuit (120V only) | | | | | | | | | X | X | X |
| RS1D | Rotary Switch, Wired to Downlight Circuit (120V only) | | | | | | | | | X | X | X |
| RS4 | Rotary Switch, Four-way (120V only) | | | | | | | | | X | X | X |
| SW | Rocker Switch | | | | | | | | X | | | |
| EKO | End Knockout | X | X | X | | | | | | | | |
| 1/EKO | End Knockout on One End Only | X | X | X | | | | | | | | |
| DEP | Heavy Gauge Steel Decorator End Plate | | | | X | | | | | | | |
| 6/LC | Six (6) Lens Clips | | X | | | | | | | | | |
| 1IN/MLAB | One Inch (1") Mark Labeling | X | X | X | X | X | X | X | X | X | X | X |
| 2IN/MLAB | Two Inch (2") Mark Labeling | X | X | X | X | X | X | | X | X | | |
| BT | Black Accent Trim | | | | | | | | | X | | |
| IH | Almond Housing | | | | | | | | | X | | |
| NT | No Trim | | | | | | | | | X | | |
| OF | Opaque Front | | | | | | | | X | | | |
| OT | Oak Accent Trim | | | | | | | | | X | | |
| PAF | Painted After Fabrication | | X | | X | X | X | | | | | |
| SMB | Side Mounted Ballast | | X | X | | | | | | | | |

PACKAGING (REQUIRED)

| Nomenclature | Description | PMX | M/MC | SA | WB | WS | WE | CR | CL | BA | BI/BE | BC |
|--------------|-------------|-----|------|----|----|----|----|----|----|----|-------|----|
| U | Unit Packed | X | X | X | X | X | X | X | X | X | X | X |

NOTES: 1. Aluminum door and minimum .125 shielding required. 2. Night light options available for 1-Lamp units only.

ACCESSORY REFLECTOR NOMENCLATURE

SAMPLE NUMBER: SNF-ASY-SS-4

| | | | |
|---|---|---|--|
| SNF | ASY | SS | 4 |
| Strip Series SNF=Narrow SSF=Standard | Reflector Style ASY=Asymmetric ⁴ SYM=Symmetric SYM12=Twelve Inches (12") Symmetric ³ REV=Reverse Asymmetric ⁴ | Finish Blank=White SS=Specular Steel | Length 18=Eighteen Inches (18") ¹ 2=Two Feet (2') 2T5=Two Feet (2') T5 3=Three Feet (3') 4=Four Feet (4') 4T5=Four Feet (4') T5 8T=Eight (8) Feet ² 8T5=Eight (8) Feet T5 |

NOTES: 1. For SNF only. 2. Will ship as two (2) four foot (4') reflectors. 3. For SSF only. 4. For T12 or T8 applications only (no T12 Slimline or T12 HO). 5. For Slimline or T8HO two (2) lamp fixture where the reflector will replace the channel cover.

SNF ASY Reflector



| White | Specular |
|--------------|-----------------|
| SNF-ASY-18IN | SNF-ASY-SS-18IN |
| SNF-ASY-2 | SNF-ASY-SS-2 |
| SNF-ASY-3 | SNF-ASY-SS-3 |
| SNF-ASY-4 | SNF-ASY-SS-4 |
| SNF-ASY-8T | SNF-ASY-SS-8T-2 |
| SNF-ASY-2T5 | SNF-ASY-SS-2T5 |
| SNF-ASY-4T5 | SNF-ASY-SS-4T5 |
| SNF-ASY-8T5 | SNF-ASY-SS-8T5 |

SSF ASY Reflector



| White | Specular |
|-------------|----------------|
| SSF-ASY-2 | SSF-ASY-SS-2 |
| SSF-ASY-3 | SSF-ASY-SS-3 |
| SSF-ASY-4 | SSF-ASY-SS-4 |
| SSF-ASY-8T | SSF-ASY-SS-8T |
| SSF-ASY-2T5 | SSF-ASY-SS-2T5 |
| SSF-ASY-4T5 | SSF-ASY-SS-4T5 |
| SSF-ASY-8T5 | SSF-ASY-SS-8T5 |

SNF REV/ASY Reflector



| White | Specular |
|-------------|----------------|
| SNF-REV-2 | SNF-REV-SS-2 |
| SNF-REV-3 | SNF-REV-SS-3 |
| SNF-REV-4 | SNF-REV-SS-4 |
| SNF-REV-8T | SNF-REV-SS-8T |
| SNF-REV-2T5 | SNF-REV-SS-2T5 |
| SNF-REV-4T5 | SNF-REV-SS-4T5 |
| SNF-REV-8T5 | SNF-REV-SS-8T5 |

SSF REV/ASY Reflector



| White | Specular |
|-------------|----------------|
| SSF-REV-2 | SSF-REV-SS-2 |
| SSF-REV-3 | SSF-REV-SS-3 |
| SSF-REV-4 | SSF-REV-SS-4 |
| SSF-REV-8T | SSF-REV-SS-8T |
| SSF-REV-2T5 | SSF-REV-SS-2T5 |
| SSF-REV-4T5 | SSF-REV-SS-4T5 |
| SSF-REV-8T5 | SSF-REV-SS-8T5 |

SNF SYM Reflector



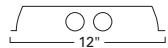
| White | Specular |
|--------------|-----------------|
| SNF-SYM-18IN | SNF-SYM-SS-18IN |
| SNF-SYM-2 | SNF-SYM-SS-2 |
| SNF-SYM-3 | SNF-SYM-SS-3 |
| SNF-SYM-4 | SNF-SYM-SS-4 |
| SNF-SYM-8T | SNF-SYM-SS-8T |

SSF SYM Reflector



| White | Specular |
|---------------------------|------------------------------|
| SSF-SYM-2 | SSF-SYM-SS-2 |
| SSF-SYM-2T5 | SSF-SYM-SS-2T5 |
| SSF-SYM-3 | SSF-SYM-SS-3 |
| SSF-SYM-4 | SSF-SYM-SS-4 |
| SSF-SYM-4T5 | SSF-SYM-SS-4T5 |
| SSF-SYM-8T | SSF-SYM-SS-8T |
| SSF-SYM-8TT5 | SSF-SYM-SS-28TT5 |
| SSF-SYM-4HOR ⁵ | SSF-SYM-SS-4HOR ⁵ |
| SSF-SYM-8HOR ⁵ | SSF-SYM-SS-8HOR ⁵ |

SSF SYM Reflector



| White | Specular |
|-----------------------------|--------------------------------|
| SSF-SYM12-4 | SSF-SYM12-SS-4 |
| SSF-SYM12-4HOR ⁵ | SSF-SYM12-SS-4HOR ⁵ |
| SSF-SYM12-8 | SSF-SYM12-SS-8 |
| SSF-SYM12-8HOR ⁵ | SSF-SYM12-SS-8HOR ⁵ |

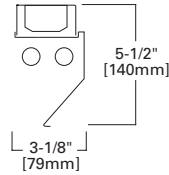
Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

ACCESSORY REFLECTOR NOMENCLATURE

SAMPLE NUMBER: SNL-REV-SS-2-1

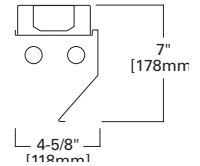
| | | | | |
|---|---|--|---|--|
| SNL | ASY | SS | 4 | 2 |
| Strip Series SNL=Narrow Staggered SSL=Standard Staggered | Reflector Style ASY=Asymmetric SYM=Symmetric REV=Reverse Asymmetric | Finish Blank=White SS=Specular Steel RP=Round Perf | Length 18=Eighteen Inches (18") 2=Two Feet (2') 3=Three Feet (3') 4=Four Feet (4') 5=Five Feet (5') 8=Eight Feet (8') 8T=Eight Feet (8') ¹ | Number of Lamps 1=One (1) Lamp 2=Two (2) Lamp 4=Three (3) or Four (4) Lamp |

NOTES: 1. Will ship as two (2) four foot (4') reflectors.



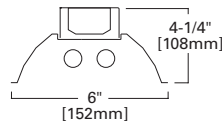
SNL REV/ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SNL-REV-2-1 | SNL-REV-SS-2-1 | N/A |
| SNL-REV-2-2 | SNL-REV-SS-2-2 | N/A |
| SNL-REV-3-1 | SNL-REV-SS-3-1 | N/A |
| SNL-REV-3-2 | SNL-REV-SS-3-2 | N/A |
| SNL-REV-4-1 | SNL-REV-SS-4-1 | N/A |
| SNL-REV-4-2 | SNL-REV-SS-4-2 | N/A |
| SNL-REV-8T-1 | SNL-REV-SS-8T-1 | N/A |
| SNL-REV-8T-2 | SNL-REV-SS-8T-2 | N/A |



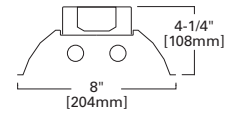
SSL REV/ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SSL-REV-2-1 | SSL-REV-SS-2-1 | N/A |
| SSL-REV-2-2 | SSL-REV-SS-2-2 | N/A |
| SSL-REV-3-1 | SSL-REV-SS-3-1 | N/A |
| SSL-REV-3-2 | SSL-REV-SS-3-2 | N/A |
| SSL-REV-4-1 | SSL-REV-SS-4-1 | N/A |
| SSL-REV-4-2 | SSL-REV-SS-4-2 | N/A |
| SSL-REV-8T-1 | SSL-REV-SS-8T-1 | N/A |
| SSL-REV-8T-2 | SSL-REV-SS-8T-2 | N/A |
| SSL-REV-8-1 | SSL-REV-SS-8-1 | N/A |
| SSL-REV-8-2 | SSL-REV-SS-8-2 | N/A |



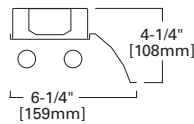
SNL SYM Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SNL-SYM-2-1 | SNL-SYM-SS-2-1 | N/A |
| SNL-SYM-2-2 | SNL-SYM-SS-2-2 | N/A |
| SNL-SYM-3-1 | SNL-SYM-SS-3-1 | N/A |
| SNL-SYM-3-2 | SNL-SYM-SS-3-2 | N/A |
| SNL-SYM-4-1 | SNL-SYM-SS-4-1 | N/A |
| SNL-SYM-4-2 | SNL-SYM-SS-4-2 | N/A |
| SNL-SYM-8-1 | SNL-SYM-SS-8-1 | N/A |
| SNL-SYM-8T-2 | SNL-SYM-SS-8T-2 | N/A |



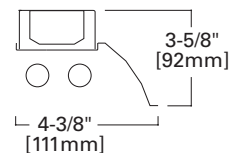
SSL SYM Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SSL-SYM-2-1 | SSL-SYM-SS-2-1 | N/A |
| SSL-SYM-2-2 | SSL-SYM-SS-2-2 | N/A |
| SSL-SYM-3-1 | SSL-SYM-SS-3-1 | N/A |
| SSL-SYM-3-2 | SSL-SYM-SS-3-2 | N/A |
| SSL-SYM-4-1 | SSL-SYM-SS-4-1 | N/A |
| SSL-SYM-4-2 | SSL-SYM-SS-4-2 | N/A |
| SSL-SYM-8T-1 | SSL-SYM-SS-8T-1 | N/A |
| SSL-SYM-8T-2 | SSL-SYM-SS-8T-2 | N/A |
| SSL-SYM-8-1 | SSL-SYM-SS-8-1 | N/A |
| SSL-SYM-8-2 | SSL-SYM-SS-8-2 | N/A |



SSL ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SSL-ASY-2-1 | SSL-ASY-SS-2-1 | N/A |
| SSL-ASY-2-2 | SSL-ASY-SS-2-2 | N/A |
| SSL-ASY-3-1 | SSL-ASY-SS-3-1 | N/A |
| SSL-ASY-3-2 | SSL-ASY-SS-3-2 | N/A |
| SSL-ASY-4-1 | SSL-ASY-SS-4-1 | N/A |
| SSL-ASY-4-2 | SSL-ASY-SS-4-2 | N/A |
| SSL-ASY-8T-1 | SSL-ASY-SS-8T-1 | N/A |
| SSL-ASY-8T-2 | SSL-ASY-SS-8T-2 | N/A |
| SSL-ASY-8-1 | SSL-ASY-SS-8-1 | N/A |
| SSL-ASY-8-2 | SSL-ASY-SS-8-2 | N/A |



SNL ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SNL-ASY-2-1 | SNL-ASY-SS-2-1 | N/A |
| SNL-ASY-2-2 | SNL-ASY-SS-2-2 | N/A |
| SNL-ASY-3-1 | SNL-ASY-SS-3-1 | N/A |
| SNL-ASY-3-2 | SNL-ASY-SS-3-2 | N/A |
| SNL-ASY-4-1 | SNL-ASY-SS-4-1 | N/A |
| SNL-ASY-4-2 | SNL-ASY-SS-4-2 | N/A |
| SNL-ASY-8T-1 | SNL-ASY-SS-8T-1 | N/A |
| SNL-ASY-8T-2 | SNL-ASY-SS-8T-2 | N/A |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

ACCESSORY REFLECTOR NOMENCLATURE

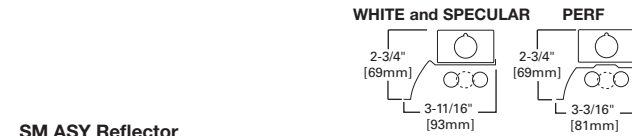
SAMPLE NUMBER: SNF-ASY-SS-18IN

| | | | | |
|--|---|--|--|---|
| SM | ASY | SS | 4 | 1 |
| Strip Series SM=Micro SML=Micro Staggered SMW=Micro Wide | Reflector Style ASY=Asymmetric SYM=Symmetric REV=Reverse Asymmetric | Finish Blank=White SS=Specular RP=Round Perf | Length 18=18 Inches (18") 2=2 Feet (2') 3=3 Feet (3') 4=4 Feet (4') 8=8 Feet (8') 8T=8 Feet (8') ² | Number of Lamps 1=One (1) Lamp 2=Two (2) Lamps 4=(Three) 3 or (Four) 4 Lamps ³ |

NOTES: 1. For SM, SML and SMW only. 2. Will ship as two (2) four foot (4') reflectors.
 3. For SMW only.

SAMPLE NUMBER: SNSM-ASY-SS-2-2

| | | | | |
|---|--|---|---|---|
| SNSM | ASY | SS | 4 | 1 |
| Strip Series SNSM=Side Mounted Striplight | Reflector Style ASY=Asymmetric | Finish Blank=White SS=Specular | Length 2=Two Feet (2') 3=Three Feet (3') 4=Four Feet (4') | Number of Lamps 1=One (1) Lamp 2=Two (2) Lamps |

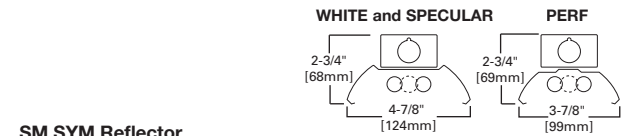
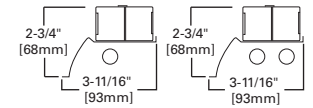


SM ASY Reflector

| White | Specular | Perf |
|-------------|----------------|----------------|
| SM-ASY-2-2 | SM-ASY-SS-2-2 | SM-ASY-RP-2-2 |
| SM-ASY-3-2 | SM-ASY-SS-3-2 | SM-ASY-RP-3-2 |
| SM-ASY-4-2 | SM-ASY-SS-4-2 | SM-ASY-RP-4-2 |
| SM-ASY-8T-2 | SM-ASY-SS-8T-2 | SM-ASY-RP-8T-2 |

SML ASY Reflector

| White | Specular | Perf |
|-------------|----------------|----------------|
| SML-ASY-3-1 | SML-ASY-SS-3-1 | SML-ASY-RP-3-1 |
| SML-ASY-3-2 | SML-ASY-SS-3-2 | SML-ASY-RP-3-2 |
| SML-ASY-4-1 | SML-ASY-SS-4-1 | SML-ASY-RP-4-1 |
| SML-ASY-4-2 | SML-ASY-SS-4-2 | SML-ASY-RP-4-2 |

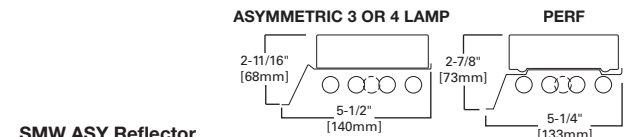
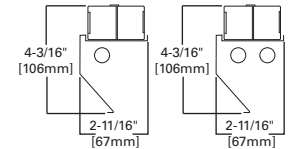


SM SYM Reflector

| White | Specular | Perf |
|-------------|----------------|----------------|
| SM-SYM-2-2 | SM-SYM-SS-2-2 | SM-SYM-RP-2-2 |
| SM-SYM-3-2 | SM-SYM-SS-3-2 | SM-SYM-RP-3-2 |
| SM-SYM-4-2 | SM-SYM-SS-4-2 | SM-SYM-RP-4-2 |
| SM-SYM-8T-2 | SM-SYM-SS-8T-2 | SM-SYM-RP-8T-2 |

SML REV/ASY Reflector

| White | Specular | Perf |
|-------------|----------------|----------------|
| SML-REV-3-1 | SML-REV-SS-3-1 | SML-REV-RP-3-1 |
| SML-REV-3-2 | SML-REV-SS-3-2 | SML-REV-RP-3-2 |
| SML-REV-4-1 | SML-REV-SS-4-1 | SML-REV-RP-4-1 |
| SML-REV-4-2 | SML-REV-SS-4-2 | SML-REV-RP-4-2 |

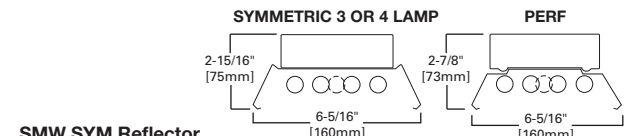
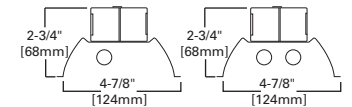


SMW ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|-----------------|
| SMW-ASY-2-4 | SMW-ASY-SS-2-4 | SMW-ASY-RP-2-4 |
| SMW-ASY-3-4 | SMW-ASY-SS-3-4 | SMW-ASY-RP-3-4 |
| SMW-ASY-4-4 | SMW-ASY-SS-4-4 | SMW-ASY-RP-4-4 |
| SMW-ASY-8T-4 | SMW-ASY-SS-8T-4 | SMW-ASY-RP-8T-4 |

SML SYM Reflector

| White | Specular | Perf |
|-------------|----------------|----------------|
| SML-SYM-3-1 | SML-SYM-SS-3-1 | SML-SYM-RP-3-1 |
| SML-SYM-3-2 | SML-SYM-SS-3-2 | SML-SYM-RP-3-2 |
| SML-SYM-4-1 | SML-SYM-SS-4-1 | SML-SYM-RP-4-1 |
| SML-SYM-4-2 | SML-SYM-SS-4-2 | SML-SYM-RP-4-2 |



SMW SYM Reflector

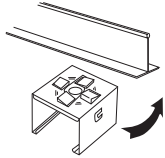
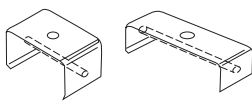

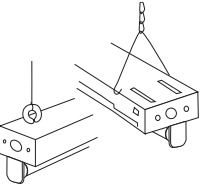
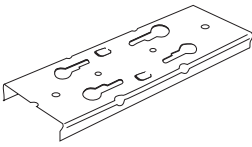
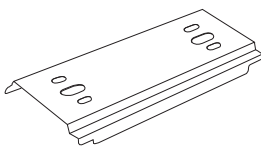
| White | Specular | Perf |
|--------------|-----------------|-----------------|
| SMW-SYM-2-4 | SMW-SYM-SS-2-4 | SMW-SYM-RP-2-4 |
| SMW-SYM-3-4 | SMW-SYM-SS-3-4 | SMW-SYM-RP-3-4 |
| SMW-SYM-4-4 | SMW-SYM-SS-4-4 | SMW-SYM-RP-4-4 |
| SMW-SYM-8T-4 | SMW-SYM-SS-8T-4 | SMW-SYM-RP-8T-4 |

SNSM ASY Reflector

| White | Specular | Perf |
|--------------|-----------------|------|
| SNSM-ASY-2-2 | SNSM-ASY-SS-2-2 | N/A |
| SNSM-ASY-3-2 | SNSM-ASY-SS-3-2 | N/A |
| SNSM-ASY-4-2 | SNSM-ASY-SS-4-2 | N/A |

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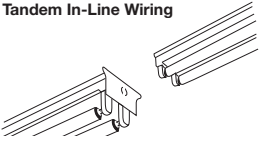
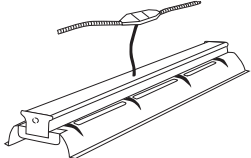
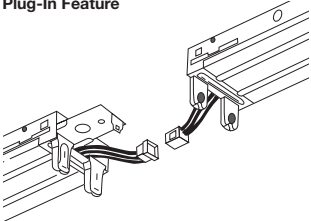
STRIPS AND INDUSTRIALS

| Mounting | Designation | Description |
|---|---|---|
| Gripper Hanger  | GRP-SSF-U (Use with SSF, IAF/ICF, SMF, DMF) using 11/16" hole provided. | For mounting on T-bar grid. Use two (2) per fixture. Can also be stem mounted or bolted to surface. Fixture spacing one and one-half inch (1-1/2"). |
| | GRP-SNF-U (Use with SNF) | |
| Tong Hanger  | ATG-4-U (Use with SMF, DIF, DMF, DVMF, DCIF, DCMF, DCVMF) | Heavy Gauge Channel Tong Hanger. Use two per fixture. Fixture Spacing 1-1/2". |
| | ATG-SSF-4-U (Use with SSF, IAF/ICF) | |
| | ATG-SNF-4-U (Use with SNF) | |
| Spacer  | A-1-B/Spacer-B (Use with all Strips and Industrials) | Spaces fixture 1-1/2" to two and one-half inches (2-1/2") from ceiling. |
| Chain Hanger  | AYC-CHAIN/SET-U (Use with all strips and industrials except STW) | Sturdy wire hook and thirty-six inch (36") chain set. Use two per fixture. One set of two (2) provided. |
| | Eye-Chain/Set-B (SNF only) | Eye bolt and thirty-six inch (36") chain. Use two (2) per fixture. One (1) set of two (2) provided. |
| Channel Connector  | CLC-SSF-B (LA City approved) | Special rigid channel connector designed to give extra support to continuous channel installation (Use with SSF, IAF/ICF). Provision for hanging device. NOTES: 1. Not recommended with wireguard |
| | CLC-SSF-EXT-B (External Connector SSF) ¹ | |
| | CLC-SNF-EXT-B (External Connector SNF) ¹ | |
| DI Long Connector  | DI2 Long Connector (Use with SMF, DIF, DMF, DVMF, DCIF, DCMF, DCVMF) | Extra support heavy duty channel connector. |

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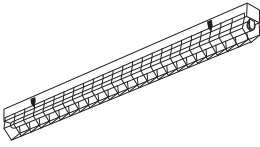
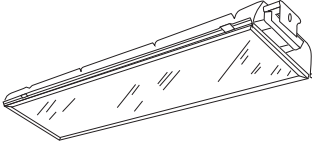
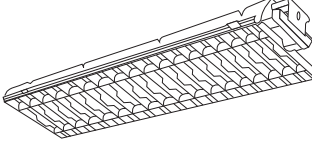
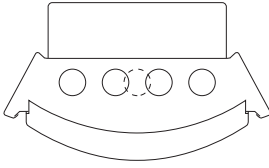
STRIPS AND INDUSTRIALS

WIRING

| | Designation | Description | | | | | | | | | | |
|--|---|---|--|---|--|---|------------------------------------|------------------------------------|---|--|------------------------------------|---------------|
| <p>Cord and Plugs</p>  | <p>6-3/18SJT-CandP-515P (120V)</p> <hr/> <p>6-3/18SJT-CandP-715P (277V)</p> | <p>SAMPLE NUMBER: 6-3/18SJT-CandP-515P</p> <table border="1"> <tr> <td>Length 6=Six Feet (6') (standard)</td> <td rowspan="2">Insulation Type SJT (standard)</td> <td rowspan="2">Plug Type [Blank]= Straight Blade L=Twist Lock</td> <td rowspan="2">Amp Rating 15 20</td> </tr> <tr> <td>Conductors 3/ (standard)</td> <td>Cord/Plug C and P</td> </tr> <tr> <td>Wire Gauge 18 (standard)</td> <td></td> <td>Voltage 5=120V 7=277V</td> <td>P=Plug</td> </tr> </table> | Length 6=Six Feet (6') (standard) | Insulation Type SJT (standard) | Plug Type [Blank]= Straight Blade L=Twist Lock | Amp Rating 15 20 | Conductors 3/ (standard) | Cord/Plug C and P | Wire Gauge 18 (standard) | | Voltage 5=120V 7=277V | P=Plug |
| Length 6=Six Feet (6') (standard) | Insulation Type SJT (standard) | Plug Type [Blank]= Straight Blade L=Twist Lock | Amp Rating 15 20 | | | | | | | | | |
| Conductors 3/ (standard) | | | | Cord/Plug C and P | | | | | | | | |
| Wire Gauge 18 (standard) | | Voltage 5=120V 7=277V | P=Plug | | | | | | | | | |
| <p>Tandem In-Line Wiring</p>  | <p>TILW</p> | <p>Tandem in-line wired strip or industrial fixture sections are applied in pairs (Two (2) four (4') or eight foot (8') sections) See Tandem In-Line Wiring Section or consult the factory for additional ordering information.</p> | | | | | | | | | | |
| <p>Modular Wiring Systems (MWS)</p>  | | <p>Component wiring system, provides cost and labor saving alternative to conventional hardwiring. Uses interchangeable modular components. Offers portability and versatility in lighting configurations. See MWS Section or contact Pre-Sales Technical Support for additional ordering information.</p> | | | | | | | | | | |
| <p>Plug-In Feature</p>  | <p>PI1</p> <hr/> <p>CPI2</p> <hr/> <p>CPI3</p> | <p>Each fixture assembly is equipped with two factory installed polarized nylon plug-in connectors. Ballast leads and branch circuit wiring are connected to plug-in connectors at factory. Alternating male and female connectors complete circuit from one fixture to another when fixture plug-in connectors are joined. Consult the PI Option Section or contact Pre-Sales Technical Support for additional ordering information.</p> | | | | | | | | | | |



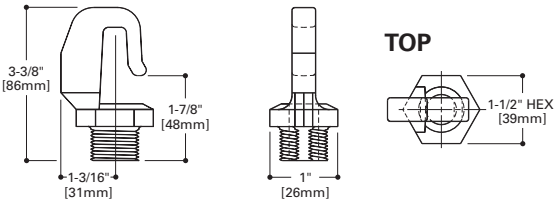

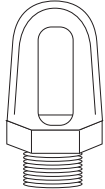

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ACCESSORIES

| | Designation | Description |
|--|--|--|
| Wire Guards  | WG/SNF-4FT-U | Baked white enamel finish. Fourteen (14) gauge wire. |
| | WG/SSF-4FT-U | |
| | WG/ICF-4FT-U (IAF, ICF) | |
| | WG/DIF-4FT-U (DIF, DMF, DVMF) | |
| | WG/SMF-4FT-U | |
| | WG/SSL-R-2FT-B | |
| | WG/SSL-R-3FT-B | |
| | WG/VT2-4FT-B | |
| Gym Guards frame  | Gym Guard, GG-DIF (Wire Gym Guard) | Baked white enamel finish. Eleven (11) gauge wire. Steel to support optional sheilding. (Use with DIF, DMF, DVMF) |
| | WG/PA-4FT (Wire Gym Guard/Acrylic Lens) | |
| | DI-SL-AWithFRM (use with Slimline and HO lamps) | |
| | DI-RS-AWithFRM (use with Rapid Start lamps) (Steel Frame/Acrylic Lens) | |
| Egg Crate Louvers Steel  | MECL-DIF/RS-49-3/4-U | Baked white enamel finish. Sturdy cold rolled construction. Thirty-two degree (32°) parallel shielding. (Use with DI, DIM, DIVM) |
| | MECL-DIF/RS-99-1/2-U | |
| | MECL-DIF/SL-48-U | |
| | MECL-DIF/SL-96-U | |
| Cricket Micro Baffle  | SM-2-TBW | Cost effective indirect lighting solution. Mounting kit is field installed with standard SM strip with reflector. Variety of mounting options available. Each fixture supported at each end and/or each fixture joining. |
| | SM-3-TBW | |
| | SM-4-TBW | |
| | SM-5-TBW | |
| | SMW-2-TBW (use for wide reflector) | |
| | SMW-4-TBW (use for wide reflector) | |

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F-BAY MOUNTING ACCESSORIES







| Mounting Accessories | Designation | Description |
|--|---|--|
| Single Point Mount  | HB-SPM = Galvanized Single Monopoint Hanging Kit with Hub (HBI only, supplied separately) HB-SPM-S = Galvanized Surface Mount Hanging Kit with Hub (HBI only, supplied separately) | Suitable for three-quarter inch (3/4") conduit mounting or for use with fixture hook, loop or safety hook. Use chain or cable set to meet NEC requirements for single point mounting, as well as to prevent cantilevering and rotation of fixture from one central location. |
| | HBL-SPM = Galvanized Single Monopoint Hanging Kit with Hub (HBE and HBL only, supplied separately) HBL-SPM-S = Galvanized Surface Mount Hanging Kit with Hub (HBE and HBL only, supplied separately) | |
| | I5/I8-SPM = Galvanized Single Monopoint Hanging Kit with Hub (I5 and I8 only, supplied separately) | |
| | | |
| Mounting Methods | Designation | Description |
| Hook and Safety Hook  | FH-1 = Fixture Hook  | Fixture Hook two and one-half inch (2-1/2") (must be used with TCB, HB-SPM or HBL-SPM) |
| Loop  | FL-1 = Fixture Loop  | Fixture Loop two and one-half Inch (2-1/2") (must be used with TCB, HB-SPM or HBL-SPM) |
| Retrofit Hanger  | RH-1 = Retrofit Hanger | Cast Aluminum Hanger with Toggle Nut and Carriage Bolt for quick installation (must be used with TCB, HB-SPM or HBL-SPM) |

| Fixture Series | AYC | HB/AYC | SPM/RH-1 FH-1 FL-1 | Single Toggle | "Y" Toggle | Loop Hanger |
|----------------|-----|--------|--------------------------|---------------|----------------|-------------|
| HBI | | X | X | | X | |
| HBE | | X | X | | X | |
| HBL | | X | X | | X | |
| I5 | X | | X | X | | X |
| I8 | X | | X | X | | X |
| ABI | | X | X | | X | |
| MBF | X | | | X | X ³ | |
| VT1 | | | | | | X |
| VT4 | | | | | X | |

NOTES: 3. Continuous row mount only between fixtures.



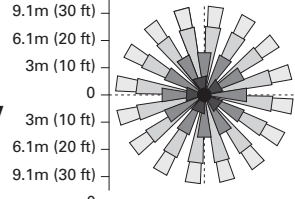
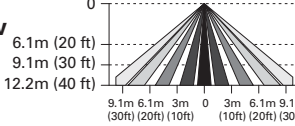
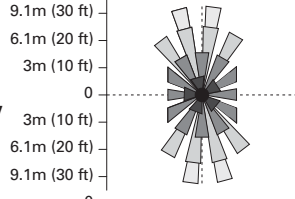
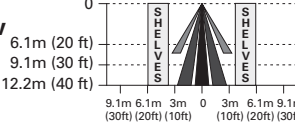
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F-BAY MOUNTING METHODS

| Mounting Methods | Designation | Description |
|--|---|---|
|  | HBAYC-CHAIN/SET-U= Hook style mounting chain set for HBI, HBE, HBL and ABI | Two (2) Hook style V-hangers, thirty-six Inch (36") Chain Sets with S-hooks |
| "Y" Toggle  | Y-Toggle-10= Mounting Toggle and Ten Foot (10') Cable | Ten Foot (10'), Y Toggle #2 Cable |
| | Y-Toggle-25= Mounting Toggle and Twenty-five Foot (25') Cable | Twenty-Five Foot (25'), Y Toggle #2 Cable |
| Loop Hanger   Single Toggle   | Loop-10 | Ten Foot (10') Loop Hanger #2 Cable |
| | Loop-30 | Thirty Foot (30') Loop Hanger #2 Cable |
| | Toggle-10 | Ten Foot (10') Single Toggle #2 Cable |
| | Toggle-30 | Thirty Foot (30') Single Toggle #2 Cable |


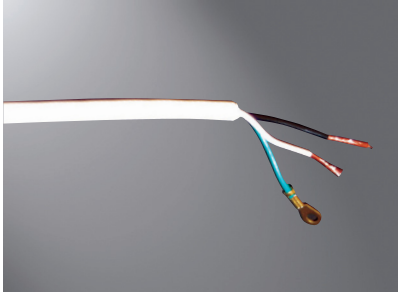

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F-BAY OCCUPANCY SENSORS

| Aisle and 360° General Coverage (Modular) | Designation | Description |
|---|--|---|
|  <p>Aisle and 360° General Coverage (Modular)</p> | <p>MMS= Motion Sensor for Modular Power Supply (120-277V) ¹</p> <p>NOTES: 1. One Motion Sensor per fixture required. 2. When ordering Modular Motion Sensor, the fixture must have a Modular Receptacle (MP) and a Modular Cord or Cord and plug accessory.</p> | <p>Supplied with Mounting Box, Modular Power Supply Receptacle, Motion Sensor with three-hundred sixty degree (360°) Lens Installed, and (3) Cover Limiting Hoods (Aisle, End of Aisle, and Full Coverage).</p> |
|  <p>Aisle and 360° General Coverage (Installed)</p> | <p>MS= 360° or 180° Occupancy Sensor (120V-347V or 480V)</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="598 640 1015 976"> <p>360° Top View</p>  <p>SideView</p>  </div> <div data-bbox="1067 640 1484 976"> <p>Aisle Top View</p>  <p>SideView</p>  </div> </div> | <p>Passive Infra-red Sensor with 360° Lens Installed, one-hundred eighty degree (180°) Lens included with snap-on feature for in-field install.</p> |

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F-BAY POWER CONNECTORS

| | Designation | Description |
|---|--|---|
| Modular Cord and Plug  | MPC3 = Three Foot (3') Modular Power Cord and Plug (specify voltage for plug) | Connect directly to F-Bay or Modular Motion Sensor with a 3', 6', 9', 12' or 15' long modular cord and plug set with NEMA 15 amp twist lock plug. F-Bay must be ordered with Modular Receptacle (MP) option in catalog logic. |
| | MPC6 = Six Foot (6') Modular Power Cord and Plug (specify voltage for plug) | |
| | MPC9 = Nine Foot (9') Modular Power Cord and Plug (specify voltage for plug) | |
| | MPC12 = Twelve Foot (12') Modular Power Cord and Plug (specify voltage for plug) | |
| | MPC15 = Fifteen Foot (15') Modular Power Cord and Plug (specify voltage for plug) | |
| Modular Cord  | MC3 = Three Foot (3') Cord | Connect directly to F-Bay or Modular Motion Sensor with a 3', 6', 9', 12' or 15' long 3/16" standard Modular Power Cord. F-Bay must be ordered with MP option in catalog logic. |
| | MC6 = Six Foot (6') Cord | |
| | MC9 = Nine Foot (9') Cord | |
| | MC12 = Twelve Foot (12') Cord | |
| | MC15 = Fifteen Foot (15') Cord | |
| MWS  | MWS = Modular Wiring System | MWS is a simple and cost effective modular wiring system consisting of factory assembled components ready to be snapped together into a complete branch circuit wiring system. With MWS, branch circuit wiring can be installed in minutes instead of hours reducing labor by 80%. |
| | MDS6 = Six Foot (6') Modular Power Cord with MWS 27DS18/2G06MP. | Connect directly to F-Bay or Modular Motion Sensor with a 6' Long Cord and MWS Connector. F-Bay must be ordered with MP option in catalog logic. |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

F-BAY DOOR FRAMES AND WIREGUARDS

| | Designation | Description |
|---|--|--|
| <p>Open</p>  | <p>Blank= No Guard</p> | <p>For maximum light output</p> |
| <p>I5 / I8 Lens</p> <p>Frosted Acrylic Lens</p>  | <p>I5-FRM/LENS= Frosted Acrylic Lens and Frame (use with general distribution reflector, I5 only)</p> <p>I8-FRM/FL PK= Frosted Acrylic Lens and Frame (use with general distribution reflector, I8 only)</p> <p>I5-FRM/CL PK= Clear Acrylic Lens and Frame (use with general distribution reflector, I5 only)</p> <p>I8-FRM/CL PK= Clear Acrylic Lens and Frame (use with general distribution reflector, I8 only)</p> | <p>Lens in white door frame with "Herringbone" patterned end rail</p> |
| <p>I5/I8 Wireguard</p> <p>Heavy Duty Wireguard</p>  | <p>WG/I5-4FT-B= Four Foot (4') Heavy Duty Wireguard (for I5)</p> <p>WG/I8-4FT-B= Four Foot (4') Heavy Duty Wireguard (for I8)</p> | <p>Finished in White. Can be used alone or in combination with other shielding</p> |
| <p>I5/I8 Baffle</p> <p>TBW</p>  | <p>90800PPK BAFFLE 4FT I5 WITH HDW (WHITE)= Four Foot (4') Thin Blade White Baffle (for I5)</p> <p>BAFFLE 4FT I8 (WHITE) 11571919= Four Foot (4') Thin Blade White Blade Baffle (for I8)</p> | <p>Thin Blade White Baffle with twenty-three Degree (23°) longitudinal shielding</p> |
| <p>I5/I8 Louver</p> <p>Asymmetric Louver</p>  | <p>90801P PK= Asymmetric Directional Louver (use with general distribution reflector)</p> | <p>Can be oriented in either direction for flexibility</p> |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

F-BAY HBI, HBL and HBE DOOR FRAMES and WIREGUARDS

| HBI Lens and Wireguard | |
|--|---|
| Prismatic and Clear Acrylic Lens  | Designation HBI-FRM/LENS PK= Prismatic Acrylic Lens and Door Frame for HBI |
| | HBI-FRM/CL PK= Clear Acrylic Lens and Door Frame for HBI |
| Wireguard  | HBI-FRM/WG PK= Frame and Wireguard for HBI |
| | HBI-FRM/LENS/WG PK= Frame and Prismatic Acrylic Lens with Wireguard for HBI |
| | HBI-FRM/CL/WG PK= Frame and Clear Lens with Wireguard for HBI |
| Drop Wireguard  | HBI-FRM/DROP/WG PK= Frame and Drop Wireguard for HBI |
| | HBI-FRM/CL/DROP/WG PK= Drop Wireguard, Clear Acrylic Lens and Door Frame for HBI |
| Heavy Duty Stock Wireguard  | SWG/HBI-4FT-B= Heavy Duty Wireguard for Field Installation |
| HBL Wireguard | |
| Wireguard  | WG/HBL6-4FT-B= Field Installable, Wireguard for HBL 4 and 6 Lamp |
| | WG/HBL8-4FT-B= Field Installable, Wireguard for HBL 8 and 10 Lamp |
| HBE Door Frame | |
| HBE Door Frame  | HBE-___-FRM/LENS WDF PK= Prismatic Acrylic Lens and Extruded Aluminum Door Frame ¹ |
| | HBE-___-FRM/CL WDF PK= Clear Acrylic Lens and Extruded Aluminum Door Frame ¹ |
| | HBE-___-FRM/LENS/WG WDF PK= Four (4) and Six (6) Lamp Frame and Prismatic Lens with Wireguard ¹ |
| | HBE-___-FRM/LENS/WG PK= Eight (8) and Ten (10) Lamp Frame and Prismatic Lens with Wireguard ¹ |
| | HBE-___-FRM/CL/WG PK= Four (4) and Six (6) Lamp Frame and Clear Acrylic Lens with Wireguard ¹ |
| | HBE-___-FRM/CL/WG WDF PK= Eight (8) and Ten (10) Lamp Frame and Clear Acrylic Lens with Wireguard ¹ |

NOTES: 1. Specify "4/6LT" or "8/10LT" when ordering HBE Door Frame accessories.

PRODUCT INFORMATION FOR OPTIONS - STRIPS/INDUSTRIALS

| Nomenclature | Description | RCG | SNF | SSF | SNL | SSL | SNSM | SNRA | SMSL | DIF/ DMF/ DVMF | IAF/ ICF | VT1 | VT2 | VT3 | VT4 | SM/ SML | I5/ I8 | HBI | 2HBHD/ 2HBHT/ 2HBG | HBE/ HBL | MBF | ABI |
|--------------|--|-----|-----|-----|-----|-----|------|------|------|----------------------|-------------|-----|-----|-----|-----|------------|-----------|-----|--------------------------|-------------|-----|-----|
| RIF1 | Radio Interference Suppressor | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | X | X | |
| 2/RIF1 | 2 Suppressors | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | X | X | |
| PC_Voltage | Cord and Plug Attached (Specify Voltage) | | X | X | X | | X | | | | | | | | | | | | | | | |
| WL | Wet Location Labeled | | | | | | | | | | | X | X | X | X | | | | | | | |
| DD | Deep Diffuser | | | | | | | | | | | | X | | | | | | | | | |
| MF | Metallic Finish | | | | | | | | | | | | | | | | | | | | | |
| UPL | Uplight Apertures | | | | | | | | | | | | | | | | X | X | | X | | |
| NUA | No Uplight Apertures | | | | | | | | | | | | | | | | X | X | | | | |
| PI/CPI | Plug-in Wiring | X | X | X | X | X | X | X | X | X | X | | | | | X | X | | | | | |
| TILW | Tandem In-Line Wiring (TILW) | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | | | | |
| SSL | Stainless Steel Latches | | | | | | | | | | | | X | X | | | | | | | | |
| TEH | Top and End Hubs | | | | | | | | | | | | X | X | | | | | | | | |
| TH | Top Hub Only | | | | | | | | | | | | X | X | | | | | | | | |
| IB/OB | Inboard/Outboard (Three (3) Lamp only) | | | | | | | | | X | | | | | | | | | | | | |
| POX | Porlux Reflector Finish | | | | | | | | | X | X | | | | | | | | | | | |
| PC6 | Power Cord Six Foot (6') | | | | | | | | | | | | | | | | X | X | | X | X | |
| PC3 | Power Cord Three Foot (3') | | | | | | | | | | | | | | | | X | X | | X | X | |
| MS | Motion Sensor (Aisle Coverage) | | | | | | | | | | | | | | | | X | X | X | X | X | |
| REP | Riveted End Plate | X | X | X | | X | X | X | | X | X | | | | | X | | | | | | |
| 1IN/MLAB | One Inch (1") Mark Labels | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | | | |
| 2IN/MLAB | Two Inch (2") Mark Labels | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | | | |
| PAF | Painted After Fabrication | | X | X | X | X | X | X | X | X | X | | | | | | | | | | | |
| GL or GM | Single or Double Element Fuse | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | X | X | |

NOTES: 1. For HBE/HBL, use HBL-SPM for single mount option.

PACKAGING (REQUIRED)

| Nomenclature | Description | RCG | SNF | SSF | SNL | SSL | SNSM | SNRA | SMSL | DIF/ DMF/ DVMF | IAF/ ICF | VT1 | VT2 | VT3 | VT4 | SM/ SML | I5/ I8 | HBI | 2HBHD/ 2HBHT/ 2HBG | HBE/ HBL | MBF | ABI | |
|--------------|--|-----|-----|-----|-----|-----|------|------|------|----------------------|-------------|-----|-----|-----|-----|------------|-----------|-----|--------------------------|-------------|-----|-----|--|
| U | Unit Pack | X | X | X | X | X | X | X | X | X | X | | X | | | X | X | X | X | X | X | | |
| 2B | Two (2) Bulk | | | | | | | | | | | | | | | | | | | | | | |
| 4B | Four (4) Bulk | | | X | | | | | | X | X | | | | | | | | | | | | |
| 6B | Six (6) Bulk | | X | | | | | | | | | | | | | | | | | | | | |
| PAL | Palletized out of carton on a 25" x 48" pallet, shrink wrapped | | | | | | | | | | | | | | | | X | X | X | X | X | | |
| PALC | Palletized in carton on a 25" x 48" pallet, shrink wrapped | | | | | | | | | | | | | | | | X | X | X | X | X | | |

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

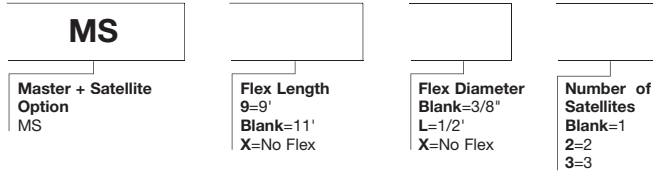
MASTER - SATELLITE WIRING

Description

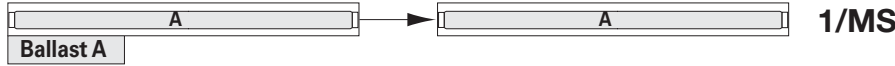
The Master-Satellite option offered by Metalux is a simple solution for easier installation and energy efficiency. The new ordering nomenclature makes ordering master-satellite fixtures very simple. It is not necessary to specify two part numbers for both master and satellite. Instead, one simple part number provides both the master and the satellite as a combination. The ordering nomenclature is added to the end of the ballast description in fixture part number. Below is the ordering logic showing how Master-Satellite option is specified.

METALUX MASTER - SATELLITE NOMENCLATURE

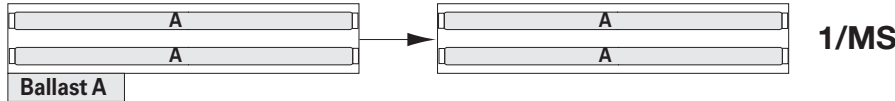
SAMPLE NUMBER: 2GC-332A-UNV-EB82/MS9L-U



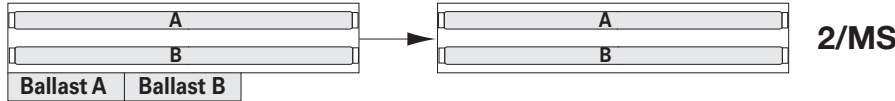
SAMPLE NUMBER: GC-132A-UNV-EB81/MS-U



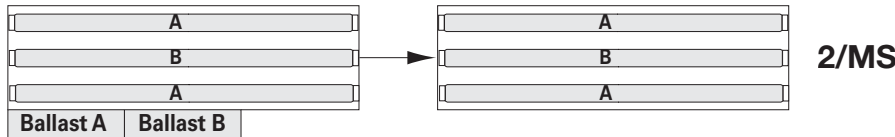
SAMPLE NUMBER: GC-232A-UNV-EB81/MS-U



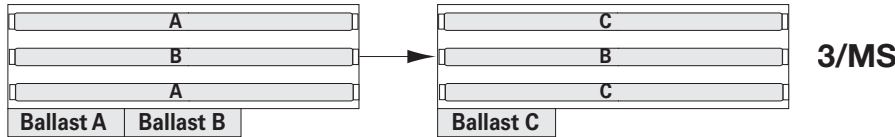
SAMPLE NUMBER: GC-232A-UNV-EB82/MS-U



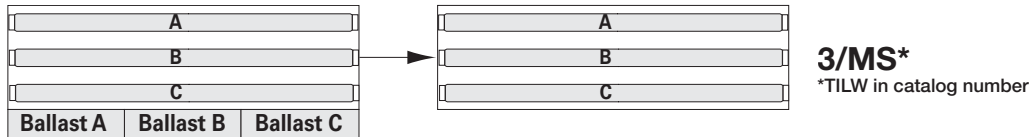
SAMPLE NUMBER: 2GC-332A-UNV-EB82/MS-U



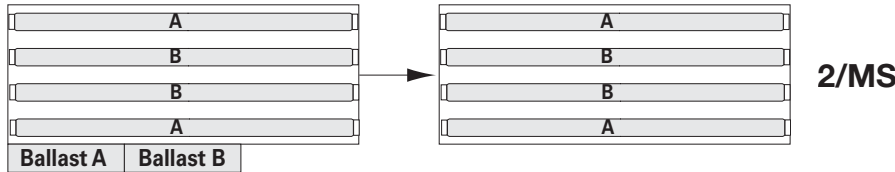
SAMPLE NUMBER: 2GC-332A-UNV-EB83/MS-U



SAMPLE NUMBER: 2GC-332A-UNV-EB83/MS-TILW-U



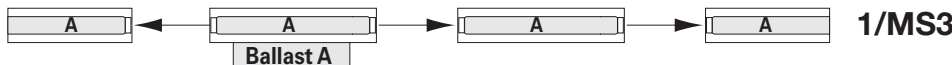
SAMPLE NUMBER: 2GC-432A-UNV-EB82/MS-U



SAMPLE NUMBER: SSF-132-UNV-EB81/MSX2-U



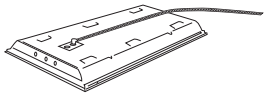
SAMPLE NUMBER: SSF-132-UNV-EB81/MSX3-U



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

WIRING

Flex



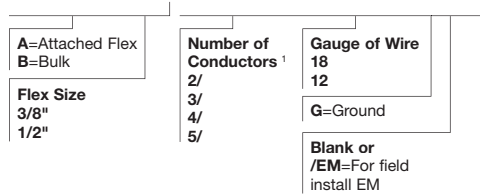
3/8" factory prewired Flex installed into fixture access plate. Various wire gauges and number of wires available in six foot (6') lengths.

The Flex set consists of the following:

- One wago connector per wire
- Six feet (6') of steel flex
- Eighteen (18) gauge TFN wire, seven foot (7') leads, exposing six inches (6") out of each end
- One ninety degree (90°) flex connector
- One straight-in flex connector
- One access plate

ORDERING INFORMATION

SAMPLE NUMBER: A3/8-2/18G



| Commonly Used Flex | Number of Wires | Number of Circuits | Gauge of Wire | Wires | | | | | |
|--------------------|-----------------|--------------------|---------------|----------------|-----------------|-------------|-----------|------------|-----------------|
| | | | | GREEN (ground) | WHITE (neutral) | BLACK (hot) | RED (hot) | BLUE (hot) | RED/BLACK (hot) |
| A3/8-2/12G | 3 | 1 | 12 | X | X | X | | | |
| A3/8-2/18G | 3 | 1 | 18 | X | X | X | | | |
| A3/8-3/12G | 4 | 2 | 12 | X | X | X | X | | |
| A3/8-3/18G/EM | 5 | 2 with EM | 18 | X | X | X | | X | |
| A3/8-4/18G | 5 | 3 | 18 | X | X | X | X | | X |
| A3/8-4/18G/EM | 6 | 3 with EM | 18 | X | X | X | X | X | |

NOTES: 1. For fixtures with emergencies, extra conductor must be added to accommodate hot lead for EM.

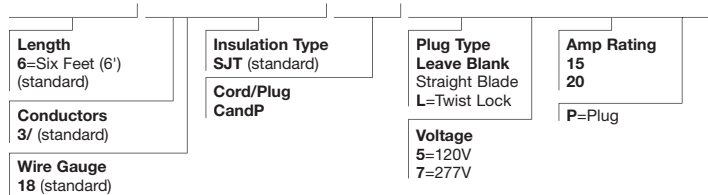
WIRING

Cord and Plug

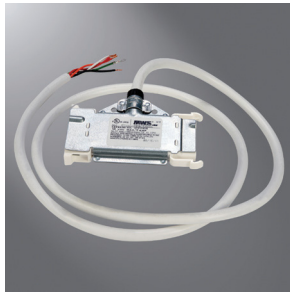


ORDERING INFORMATION

SAMPLE NUMBER: 6-3/18SJT-CandP-515P



ATTACHED MODULAR WIRING OPTION



Description

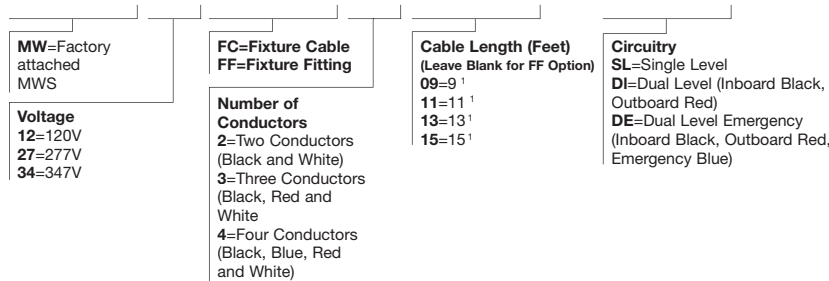
MWS (Modular Wiring System) is a component system that provides a low cost and labor saving alternative to conventional hardwiring. The system uses interchangeable modular components, offering portability and versatility in lighting configurations. Metalux offers MWS installed on select fixtures. Below is the ordering instructions for adding MWS installed to Metalux fixtures. MWS offers a complete system of components for all of your wiring for lighting, as well as power. See the MWS section of this catalog (Page 11-1) for additional components.

MWS

COMMERCIAL APPLICATIONS

ORDERING INFORMATION FOR RECESSED LAYIN FIXTURES

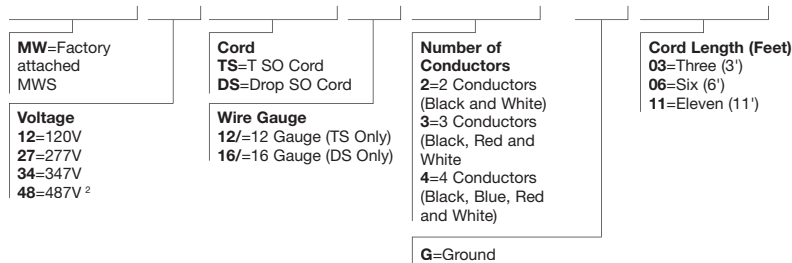
SAMPLE NUMBER: 2GC8-232A-120V-EB81-MW12FF2GSL



INDUSTRIAL APPLICATIONS

ORDERING INFORMATION FOR INDUSTRIALS AND STRIPS

SAMPLE NUMBER: I5-254T5-120V-EBT1-MW12DS12/2G11



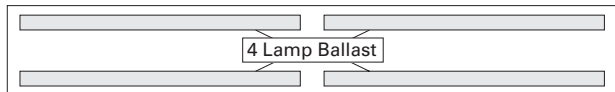
NOTES: 1. For FC option only. 2. Consult factory when specifying 480V.

TANDEM IN-LINE WIRING (TILW) OPTIONS

Description

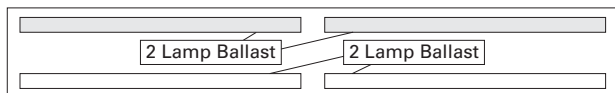
The Tandem In-Line Wiring option provides factory installed wiring when fixture sections are applied in pairs, and require left/right lamp switching. To explain, ballast receive their power from the circuit, with lamps getting their power from the ballast. TILW is the method of applying power from the ballast to specific lamps. TILW only applies to two (2) or more lamp cross sections. If the luminaire has only one (1) row of lamps, TILW is already present and unnecessary to specify. The TILW option is available on IAF/ICF, DIF/DMF/ DVMF, SSF, SSL, SNF, SNSM, SNRA, RCG and I5/I8.

The following ballast configuration does not allow for TILW:



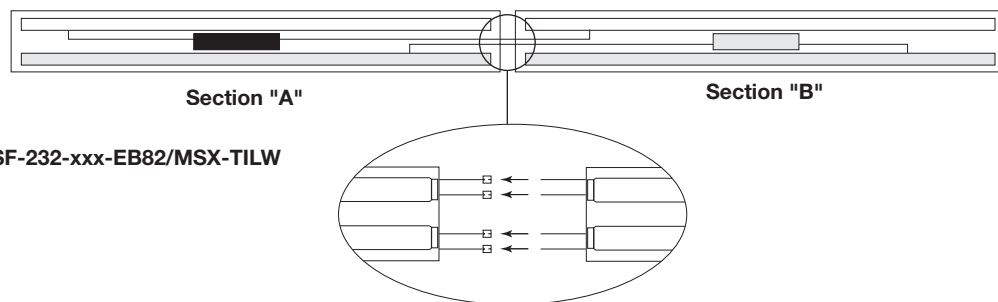
8TSSF-232-xxx-EB81

The following ballast configuration does not allow for TILW:



8TSSF-232-xxx-EB82-TILW

The TILW can also be used in applications where Master-Satellite configurations are required. Simply specify the appropriate Master-Satellite description followed by TILW. Standard TILW is provided with push-in connectors (shown below) for fixture wiring connections. Optional PITLW is provided with pre-configured wiring harness for quick and easy installation of Master-Satellite tandem in-line wired fixtures. Shown below is an example of a ballast configuration, along with sample fixture catalog number, including Master-Satellite and TILW.



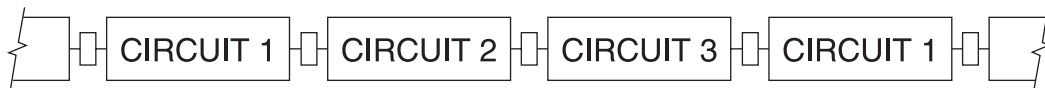
SSF-232-xxx-EB82/MSX-TILW

CROSS-OVER PLUG-IN SYSTEM WITH TWO (2) OR THREE (3) CIRCUIT CAPABILITY (CPI) OPTIONS

Description

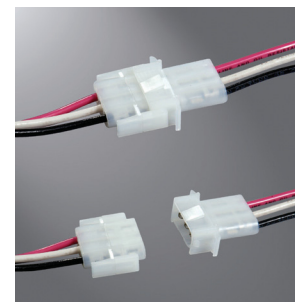
The Metalux CPI Option has been designed to provide cross-circuit wiring capability. This versatile design internally routes power to the appropriate fixtures and requires only one luminaire type for the entire installation. It is no longer necessary to specify unique circuit wiring (black, blue, red) for each fixture. The new self-locking plug is designed to fit through a standard 7/8" knock-out to simplify the installation process.

Ordering the CPI Option is now much easier. One wiring harness type is required per row-mounted fixture. There is no need to color code. The black wire is always factory wired to the ballast lead and power routing to appropriate fixtures is achieved through the wiring design.



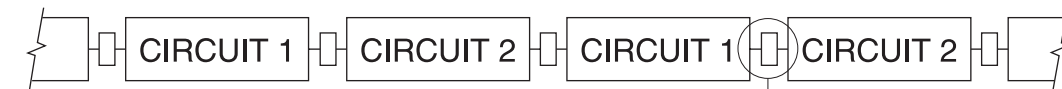
Example: A 3-circuit installation with a quantity of 200 SSF-296-120V-EB81 fixtures with ground wire.

Requires: Qty: 200 Fixture: SSF-296-120V-EB81-CPI3-WG



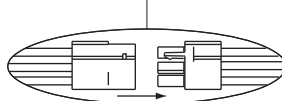
FEATURES

- Installed savings
- Molded nylon polarized plugs
- Two (2) or three (3) circuit capabilities
- No need to color code
- Self-locking plugs
- Branch circuit conductors #12 THHN rated 600V, 90C
- UL Listed.



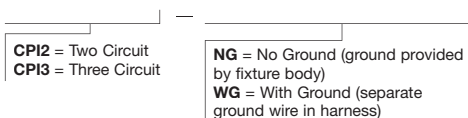
Example: A 2-circuit installation with a quantity of 200 SSF-296-120V-EB81 fixtures with ground wire.

Requires: Qty: 200 Fixture: SSF-296-120V-EB81-CPI2-WG



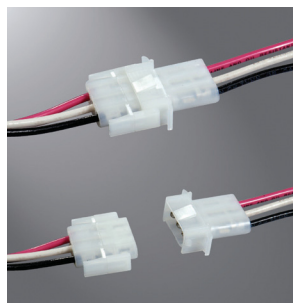
CPI - Cross Over Plug-In

SAMPLE NUMBER: CPI2-WG



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

PLUG-IN (PI) SYSTEM WITH 1, 2 OR 3 CIRCUIT CAPABILITY



FEATURES

- Advanced plug-in system
- Three circuit capacity
- Installation savings
- Molded nylon polarized plugs
- Self-locking plugs
- Independent neutral available
- Branch circuit conductors #12 THHN rated 600V, 90°C
- UL Listed

PI PLUG-IN

Description

The Plug-In System provides factory installed branch circuit wiring and plug-in connectors when row mounting fixtures. This labor and time saving option is designed to simplify fixture installation and wiring and allows fixtures to be installed quickly and easily. The PI system is available for fixture sections up to 8' in length for continuous row wiring by simply plugging the sections together. Each PI section is factory wired to the ballast leads and is color coded for easy circuit identification. Standard PI system harness contains no separate ground wire, with ground provided by the fixture body. An option to the system provides a separate ground wire in the harness where required.

ORDERING INFORMATION

| Catalog Number Suffix | Number of Circuits | Circuit Wired to Ballast |
|-----------------------|--------------------|--------------------------|
| PI 1 BLK | 1 | Black |
| PI 2 BLU | 2 | Blue |
| PI 2 BLK | 2 | Black |
| PI 3 RED | 3 | Red |
| PI 3 BLU | 3 | Blue |
| PI 3 BLK | 3 | Black |

When ordering the PI2/PI3 System it is necessary to specify the number of fixtures required for each circuit.

Example: 200 (Fixture Quantity) SSF-296-120V-PI2

Requires:

100 (Fixture Quantity) SSF-296-120V-PI2/BLK

100 (Fixture Quantity) SSF-296-120V-PI2/BLU

SSF-296-PI1=Specify wire color of BLK for single circuit PIs since all the ballast leads will be wired to the black and white wires.

SSF-296-PI2BLK=Two (2) circuit PI with ballast leads wired to black and white wires

SSF-296-PI2BLU=Two (2) circuit PI with ballast leads wired to blue and white wires

SSF-296-PI3RED=Three (3) circuit PI with ballast leads wired to red and white wires

The Plug-In System is available on fixtures using Rapid Start, Slimline (430 MA), High Output (800 MA), or Power Groove (1500 MA) lamps up to twenty (20) amps per circuit.

Available on the following fixture series:

Industrials

- IAF/ICF Series
- DIF/DMF /DVMF Series
- I5/I8

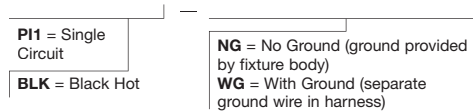
Strips

- SNF/SSF Series
- SNSM, SRA Series
- RCG Series
- SM/SML

Wraps are available with PI1 option only. For other fixture series availability consult factory.

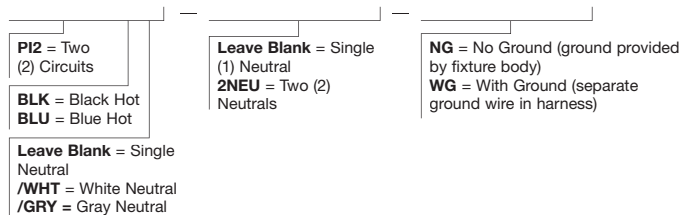
PI1 - Single Circuit Plug-In

SAMPLE NUMBER: PI1BLK-WG



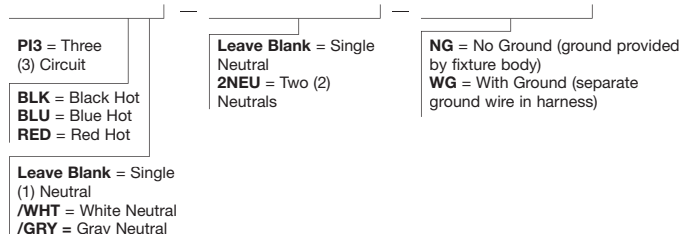
PI2 - Two Circuit Plug-In

SAMPLE NUMBER: PI2BLK-WG



PI3 - Three Circuit Plug-In

SAMPLE NUMBER: PI3BLK-WG



Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit www.cooperlighting.com for available options, accessories and ordering information.

TROUBLESHOOTING GUIDE

Fluorescent lighting is a very reliable and efficient source of lighting. Should problems occur use the quick reference guide to address them appropriately.

| Symptom | Solution |
|---|--|
| Lamp(s) will not start or starts slow and erratic | <ol style="list-style-type: none"> 1. Confirm lamps are completely seated into sockets. 2. Confirm fixture is properly grounded (fixture must be grounded for reliable starting). 3. Confirm fixture is properly connected to power supply and check wiring and electrical connections. 4. Confirm fixture is receiving correct voltage. 5. Replace lamps. 6. Replace ballast. |
| Lamp(s) are flickering, snaking* or very dim | <ol style="list-style-type: none"> 1. Confirm all electrical connections inside fixture. 2. Confirm proper voltage at supply connection. 3. Confirm ambient temperature is above 50°F. Air conditioner or fans should not blow directly on lamps. A ballast rated for cold starting may need to be installed if necessary. 4. Replace ballast. |
| Electronic interference | <ol style="list-style-type: none"> 1. Electronics should be at least 8' from fluorescent ballast. More distance is recommended if interference persists. 2. Install an electronic interference filter. 3. Improve electronic equipment grounding. 4. Consult qualified electrician. |
| Repeated cycling (on/off) | <ol style="list-style-type: none"> 1. Confirm correct lamp wattage (check ballast label). 2. Confirm fixture temperature does not exceed rating. 3. Confirm all electrical connections inside fixture. 4. Confirm proper voltage at supply connection. 5. Replace ballast. |

*Fluorescent lamps may experience starting problems when ambient temperature is below 50° F.

*New lamp with less than 100 hours of operation may exhibit flicker, strobing or snaking.