JUNO

2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE

2LEDTRIM G2 DC

Project:

Fixture Type:

Location:

Contact/Phone:



PRODUCT DESCRIPTION

2 inch aperture recessed downlight is IC rated for insulated or non-insulated applications • Luminaire produces up to 1000 lumens and is available with optical distributions approximating that of 75W MR16 halogen lamps • Low profile form factor allows luminaire to fit in 2 x 6 construction • Designed to provide 50,000 hours of life • 5 year limited warranty on LED Components.

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury, RoHS compliant
- Comparable light output up to a 75W MR16 halogen lamp

PRODUCT SPECIFICATIONS

LED Light Engine Exceptional fixture to fixture color consistency within a 3-step MacAdam ellipse • 2700K, 3000K, 3500K, and 4000K color temperatures are available with 80 CRI or 90 CRI minimum.

Modular Optics Available with field interchangeable optics in 18° Spot, 24° Narrow Flood, or 40° Flood distributions.

Aesthetic Trim Trim features die cast beveled knife edge trim ring for clean ceiling interface available in white, black, satin nickel, or brushed bronze • Spun aluminum reflectors are available in clear, haze, wheat haze, black and white finishes.

LED Driver Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 • Dedicated 120 volt driver (120) is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal voltage driver (MVOLT) is dimmable with the use of most 0-10V protocol dimmers • For a list of compatible dimmers, see JUNO2ING2-DIM.

Life Rated for 50,000 hours at 70% lumen maintenance.

Labels ENERGY STAR® Certified • 90CRI fixtures are certified to the high efficacy requirements of California T24 JA8-2016 • Meets energy code Air Leakage requirements per ASTM E283 • UL and cUL listed for wet locations • 2NCHSG option is compatible with spray foam insulation with an R-value of 3.2 per inch or less.

Junction Box Includes (2) ½" knock-outs equipped with pryout slots • Push-in electrical connectors for field connections.

Mounting Remodel style plaster frame installs from below the ceiling and accommodates ceiling thicknesses from ½" to 1" • For thicker ceilings up to 1 ½", order 2JCTA150 • New Construction mounting frame, 2NCMF, is also available with Patented (US Patent D552,969) Real Nail 3® telescoping bar hangers to position fixture and locate wiring prior to ceiling installation • Recommend a minimum of 5.5" cavity depth to install properly • Flexible supply is recommended and non-flexible supply requires top access.

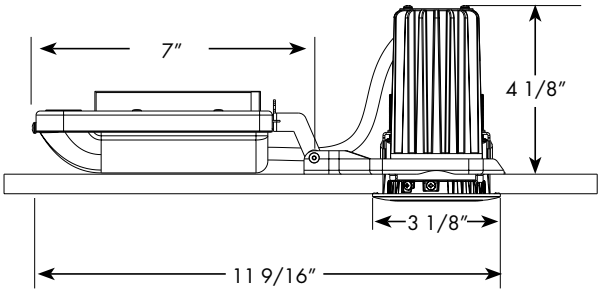
Real Nail 3 Bar Hangers 2NCHSG new construction housing and new construction mounting frame, 2NCMF, available with telescoping Real Nail® 3 system which permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction • Integral T-bar notch and clip for suspended ceilings • Design covered under US Patent D552,969 • 2NCHSG requires 2x8 construction

Specifications subject to change without notice.

Downlight Cone Finishes



DIMENSIONS



2 5/8" CEILING CUTOUT
2" APERTURE

ELECTRICAL DATA (600L)

	Dedicated 120V (120)	Universal Voltage (MVOLT)	
Voltage	120	120	277
Input Power	7.5 (±5%)	7.2	7.5 (±5%)
Input Current	.06	.06	.03
Frequency	50/60Hz	50/60Hz	
Power Factor	>0.9	>0.9	>0.9

ELECTRICAL DATA (1000L)

	Dedicated 120V (120)	Universal Voltage (MVOLT)	
Voltage	120	120	277
Input Power	11.5 (±5%)	10.9	11.4 (±5%)
Input Current	.10	.09	.04
Frequency	50/60Hz	50/60Hz	
Power Factor	>0.9	>0.9	>0.9

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2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE 2LEDTRIM G2 DC

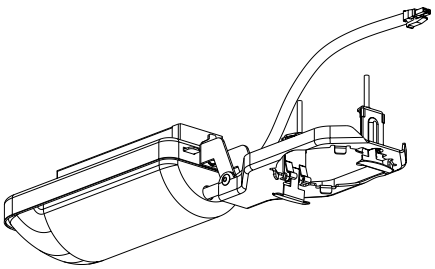
ORDERING INFORMATION DRIVER AND TRIM EACH ORDERED SEPARATELY.

DRIVER:

Example: 2LEDDRIVER G2 06LM 120 FRPC

Series		Generation		Lumens		Voltage		Driver	
2LEDDRIVER	Juno Recessed 2" Driver	**G2**	Generation 2	**06LM**	600 Nominal Lumens	**120**	120V	**FRPC**	Forward/Reverse Phase Cut
				10LM	1000 Nominal Lumens	**MVOLT**	Multi-Volt (120-277V)	**ZT**	0-10V Dimming

Note: 120V must be ordered with FRPC.
MVOLT must be ordered with ZT



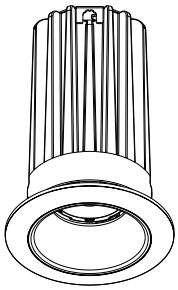
MOUNTING FRAME/DRIVER ASSEMBLY

Note: Driver assembly only intended for use with Gen2 LED trim modules.
Not backward compatible with previous generation.

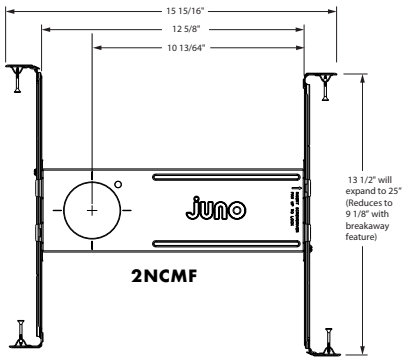
TRIM:

Example: 2LEDTRIM G2 DC 27K 80CRI FL BBL

Series		Generation		Trim Designation		Color Temperature		CRI		Distribution		Trim Finish	
2LEDTRIM	Juno Recessed 2" LED Trim	**G2**	Generation 2	**DC**	Downlight Cone	**27K**	2700K	**80CRI**	80+ CRI	**FL**	Flood	**BBL**	Black Reflector, Black Trim Ring
						30K	3000K	**90CRI**	90+ CRI	**NFL**	Narrow Flood	**BWH**	Black Reflector, White Trim Ring
						35K	3500K			**SP**	Spot	**CWH**	Clear Alzak Reflector, White Trim Ring
						40K	4000K					**HZWH**	Haze Reflector, White Trim Ring
												WWH	White Reflector, White Trim Ring
												WHZBRZ	Wheat Haze Reflector, Bronze Trim Ring
												HZSN	Haze Reflector, Satin Nickel Trim Ring

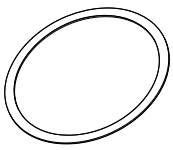


TRIM/LED ASSEMBLY

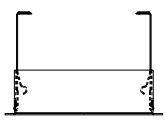


2NCMF

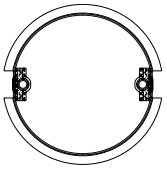
Catalog No.	Description
2NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2NCHSG	2" New Construction Housing for spray foam installation
2DTCA	2" LED Drop Tile Ceiling Adapter
2JCTA150	Thick Ceiling adapter for 1" - 1½" thick ceiling
LEDOPTIC2 SP	18° Spot Optic
LEDOPTIC2 NFL	24° Narrow Flood Optic
LEDOPTIC2 FL	40° Flood Optic

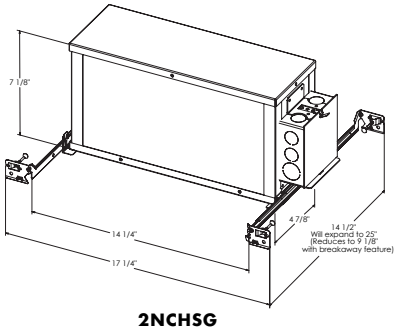


2DTCA



2JCTA150





2NCHSG

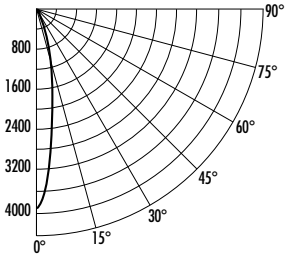
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PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report#: PT07162131
Catalog No: 2LEDTRIM G2 DC 35K 80CRI SP CWH (600L), Clear Cone with Spot Optic
Luminaire Spacing Criteria: 0.34
Luminaire LPW: 103



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	3972
5	3449
15	1007
25	318
35	53
45	12
55	2
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	55	50	46
5'	35	32	29
6'	24	22	20
7'	20	18	17
8'	16	14	13
9'	12	11	10
10'	9	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	718	N/A	92.8
0-40°	762	N/A	98.5
0-60°	774	N/A	100.0
0-90°	774	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 19.6° Beam)

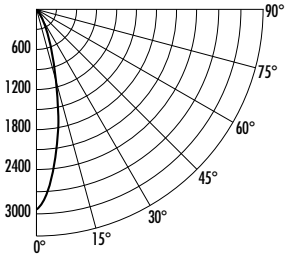
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	248.3	1.4
6'	110.3	2.1
8'	62.1	2.8
10'	39.7	3.5
12'	27.6	4.1

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	6383
55°	1455
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162136
Catalog No: 2LEDTRIM G2 DC 35K 80CRI NFL CWH (600L), Clear Cone with Narrow Flood Optic
Luminaire Spacing Criteria: 0.42
Luminaire LPW: 100



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2963
5	2681
15	1032
25	344
35	64
45	11
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	53	48	43
5'	34	30	28
6'	23	21	19
7'	19	17	16
8'	15	14	12
9'	11	10	9
10'	8	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	686	N/A	91.8
0-40°	735	N/A	98.3
0-60°	747	N/A	100.0
0-90°	747	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 24.3° Beam)

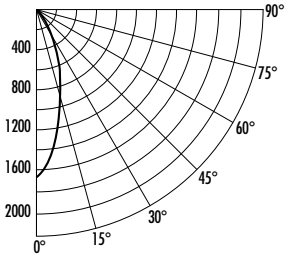
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	185.2	1.7
6'	82.3	2.6
8'	46.3	3.4
10'	29.6	4.3
12'	20.6	5.2

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	5900
55°	1785
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162141
Catalog No: 2LEDTRIM G2 DC 35K 80CRI FL CWH (600L), Clear Cone with Flood Optic
Luminaire Spacing Criteria: 0.58
Luminaire LPW: 103



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1669
5	1524
15	968
25	519
35	167
45	21
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	54	48	43
5'	35	31	28
6'	24	21	19
7'	20	17	15
8'	15	14	12
9'	12	10	9
10'	9	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	644	N/A	83.1
0-40°	752	N/A	97.1
0-60°	775	N/A	100.0
0-90°	775	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 35.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	104.3	2.6
6'	46.4	3.9
8'	26.1	5.2
10'	16.7	6.4
12'	11.6	7.7

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	11157
55°	1785
65°	0
75°	0
85°	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

Multiplier:	80 CRI	90 CRI
	27K = .94	27K = .83
	30K = .97	30K = .86
	35K = 1.00	35K = .88
	40K = 1.03	40K = .90

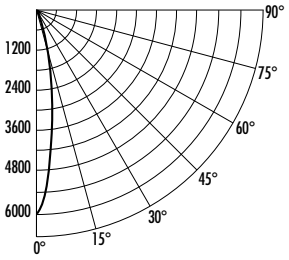
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2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE 2LEDTRIM G2 DC

PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report#: PT07162131R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI SP CWH (1000L), Clear Cone with Spot Optic
Luminaire Spacing Criteria: 0.34
Luminaire LPW: 102



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	5997
5	5209
15	1520
25	481
35	80
45	18
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	83	75	69
5'	53	48	44
6'	37	33	31
7'	30	27	25
8'	23	21	20
9'	18	16	15
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	1085	N/A	92.8
0-40°	1151	N/A	98.5
0-60°	1168	N/A	100.0
0-90°	1169	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 19.6° Beam)

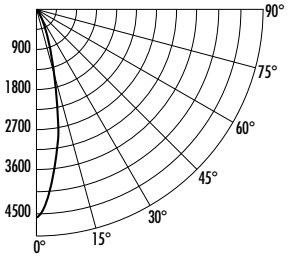
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	374.8	1.4
6'	166.6	2.1
8'	93.7	2.8
10'	60.0	3.5
12'	41.6	4.1

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	9638
55°	2197
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162136R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI NFL CWH (1000L), Clear Cone with Narrow Flood Optic
Luminaire Spacing Criteria: 0.42
Luminaire LPW: 99



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	4533
5	4102
15	1579
25	526
35	98
45	17
55	4
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	81	73	66
5'	52	47	43
6'	36	32	30
7'	29	26	24
8'	23	21	19
9'	18	16	14
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	1049	N/A	91.8
0-40°	1124	N/A	98.3
0-60°	1143	N/A	100.0
0-90°	1143	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 24.3° Beam)

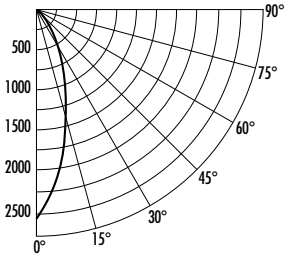
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	283.3	1.7
6'	125.9	2.6
8'	70.8	3.4
10'	45.3	4.3
12'	31.5	5.2

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	9027
55°	2732
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162141R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI FL CWH (1000L), Clear Cone with Flood Optic
Luminaire Spacing Criteria: 0.58
Luminaire LPW: 104



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2571
5	2346
15	1490
25	799
35	256
45	32
55	4
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	84	74	66
5'	53	47	42
6'	37	33	29
7'	30	27	24
8'	24	21	19
9'	18	16	14
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	991	N/A	83.1
0-40°	1159	N/A	97.1
0-60°	1193	N/A	100.0
0-90°	1193	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 35.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	160.7	2.6
6'	71.4	3.9
8'	40.2	5.2
10'	25.7	6.4
12'	17.9	7.7

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	17182
55°	2750
65°	0
75°	0
85°	0

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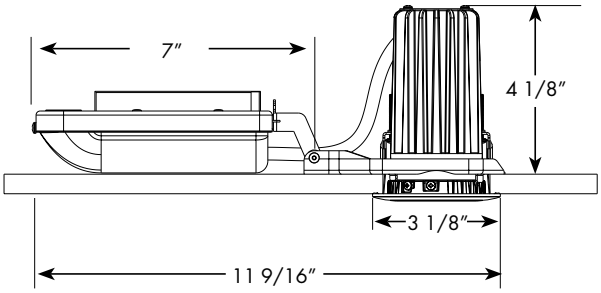
Real Nail 3 Bar Hangers 2NCHSG new construction housing and new construction mounting frame, 2NCMF, available with telescoping Real Nail® 3 system which permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction • Integral T-bar notch and clip for suspended ceilings • Design covered under US Patent D552,969 • 2NCHSG requires 2x8 construction

Specifications subject to change without notice.

Downlight Cone Finishes



DIMENSIONS



2 5/8" CEILING CUTOUT
2" APERTURE

ELECTRICAL DATA (600L)

	Dedicated 120V (120)	Universal Voltage (MVOLT)	
Voltage	120	120	277
Input Power	7.5 (±5%)	7.2	7.5 (±5%)
Input Current	.06	.06	.03
Frequency	50/60Hz	50/60Hz	
Power Factor	>0.9	>0.9	>0.9

ELECTRICAL DATA (1000L)

	Dedicated 120V (120)	Universal Voltage (MVOLT)	
Voltage	120	120	277
Input Power	11.5 (±5%)	10.9	11.4 (±5%)
Input Current	.10	.09	.04
Frequency	50/60Hz	50/60Hz	
Power Factor	>0.9	>0.9	>0.9

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2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE 2LEDTRIM G2 DC

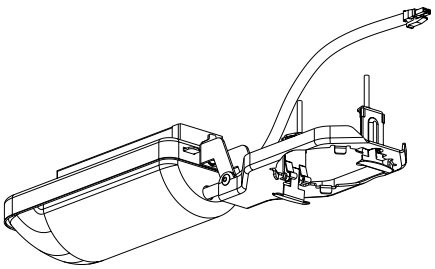
ORDERING INFORMATION DRIVER AND TRIM EACH ORDERED SEPARATELY.

DRIVER:

Example: 2LEDDRIVER G2 06LM 120 FRPC

Series		Generation		Lumens		Voltage		Driver	
2LEDDRIVER	Juno Recessed 2" Driver	**G2**	Generation 2	**06LM**	600 Nominal Lumens	**120**	120V	**FRPC**	Forward/Reverse Phase Cut
				10LM	1000 Nominal Lumens	**MVOLT**	Multi-Volt (120-277V)	**ZT**	0-10V Dimming

Note: 120V must be ordered with FRPC.
MVOLT must be ordered with ZT



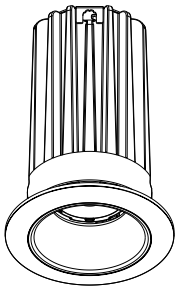
MOUNTING FRAME/DRIVER ASSEMBLY

Note: Driver assembly only intended for use with Gen2 LED trim modules.
Not backward compatible with previous generation.

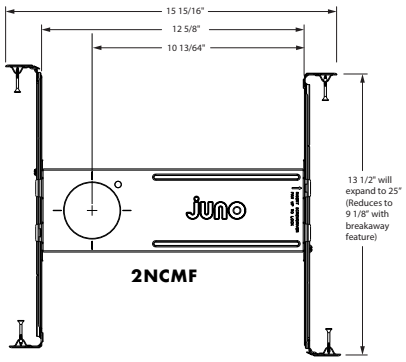
TRIM:

Example: 2LEDTRIM G2 DC 27K 80CRI FL BBL

Series		Generation		Trim Designation		Color Temperature		CRI		Distribution		Trim Finish	
2LEDTRIM	Juno Recessed 2" LED Trim	**G2**	Generation 2	**DC**	Downlight Cone	**27K**	2700K	**80CRI**	80+ CRI	**FL**	Flood	**BBL**	Black Reflector, Black Trim Ring
						30K	3000K	**90CRI**	90+ CRI	**NFL**	Narrow Flood	**BWH**	Black Reflector, White Trim Ring
						35K	3500K			**SP**	Spot	**CWH**	Clear Alzak Reflector, White Trim Ring
						40K	4000K					**HZWH**	Haze Reflector, White Trim Ring
												WWH	White Reflector, White Trim Ring
												WHZBRZ	Wheat Haze Reflector, Bronze Trim Ring
												HZSN	Haze Reflector, Satin Nickel Trim Ring

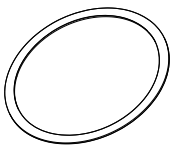


TRIM/LED ASSEMBLY

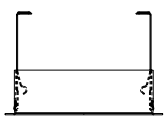


2NCMF

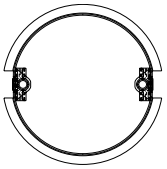
Catalog No.	Description
2NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2NCHSG	2" New Construction Housing for spray foam installation
2DTCA	2" LED Drop Tile Ceiling Adapter
2JCTA150	Thick Ceiling adapter for 1" - 1½" thick ceiling
LEDOPTIC2 SP	18° Spot Optic
LEDOPTIC2 NFL	24° Narrow Flood Optic
LEDOPTIC2 FL	40° Flood Optic

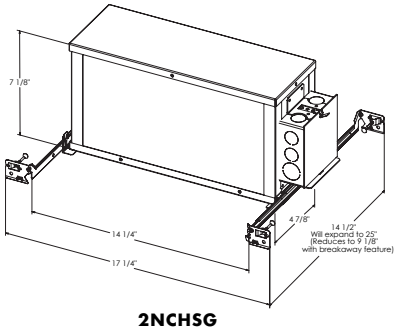


2DTCA



2JCTA150





2NCHSG

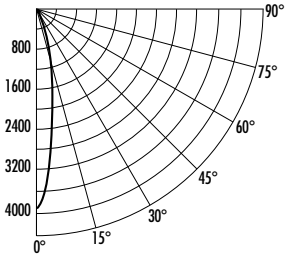
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2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE 2LEDTRIM G2 DC

PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report#: PT07162131
Catalog No: 2LEDTRIM G2 DC 35K 80CRI SP CWH (600L), Clear Cone with Spot Optic
Luminaire Spacing Criteria: 0.34
Luminaire LPW: 103



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	3972
5	3449
15	1007
25	318
35	53
45	12
55	2
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	55	50	46
5'	35	32	29
6'	24	22	20
7'	20	18	17
8'	16	14	13
9'	12	11	10
10'	9	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	718	N/A	92.8
0-40°	762	N/A	98.5
0-60°	774	N/A	100.0
0-90°	774	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 19.6° Beam)

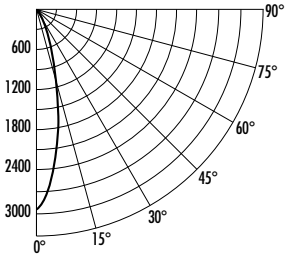
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	248.3	1.4
6'	110.3	2.1
8'	62.1	2.8
10'	39.7	3.5
12'	27.6	4.1

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	6383
55°	1455
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162136
Catalog No: 2LEDTRIM G2 DC 35K 80CRI NFL CWH (600L), Clear Cone with Narrow Flood Optic
Luminaire Spacing Criteria: 0.42
Luminaire LPW: 100



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2963
5	2681
15	1032
25	344
35	64
45	11
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	53	48	43
5'	34	30	28
6'	23	21	19
7'	19	17	16
8'	15	14	12
9'	11	10	9
10'	8	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	686	N/A	91.8
0-40°	735	N/A	98.3
0-60°	747	N/A	100.0
0-90°	747	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 24.3° Beam)

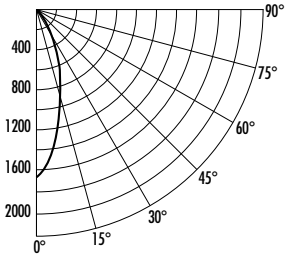
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	185.2	1.7
6'	82.3	2.6
8'	46.3	3.4
10'	29.6	4.3
12'	20.6	5.2

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	5900
55°	1785
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162141
Catalog No: 2LEDTRIM G2 DC 35K 80CRI FL CWH (600L), Clear Cone with Flood Optic
Luminaire Spacing Criteria: 0.58
Luminaire LPW: 103



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1669
5	1524
15	968
25	519
35	167
45	21
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	54	48	43
5'	35	31	28
6'	24	21	19
7'	20	17	15
8'	15	14	12
9'	12	10	9
10'	9	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	644	N/A	83.1
0-40°	752	N/A	97.1
0-60°	775	N/A	100.0
0-90°	775	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 7.5W, 35.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	104.3	2.6
6'	46.4	3.9
8'	26.1	5.2
10'	16.7	6.4
12'	11.6	7.7

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	11157
55°	1785
65°	0
75°	0
85°	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

Multiplier:	80 CRI	90 CRI
	27K = .94	27K = .83
	30K = .97	30K = .86
	35K = 1.00	35K = .88
	40K = 1.03	40K = .90

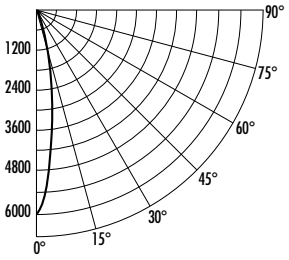
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2" IC 600 AND 1000 LUMENS LED ROUND DOWNLIGHT CONE 2LEDTRIM G2 DC

PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report#: PT07162131R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI SP CWH (1000L), Clear Cone with Spot Optic
Luminaire Spacing Criteria: 0.34
Luminaire LPW: 102



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	5997
5	5209
15	1520
25	481
35	80
45	18
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	83	75	69
5'	53	48	44
6'	37	33	31
7'	30	27	25
8'	23	21	20
9'	18	16	15
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	1085	N/A	92.8
0-40°	1151	N/A	98.5
0-60°	1168	N/A	100.0
0-90°	1169	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 19.6° Beam)

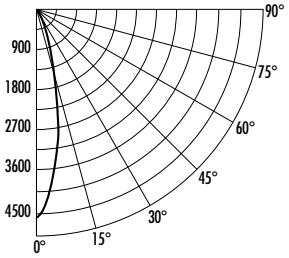
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	374.8	1.4
6'	166.6	2.1
8'	93.7	2.8
10'	60.0	3.5
12'	41.6	4.1

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	9638
55°	2197
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162136R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI NFL CWH (1000L), Clear Cone with Narrow Flood Optic
Luminaire Spacing Criteria: 0.42
Luminaire LPW: 99



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	4533
5	4102
15	1579
25	526
35	98
45	17
55	4
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	81	73	66
5'	52	47	43
6'	36	32	30
7'	29	26	24
8'	23	21	19
9'	18	16	14
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	1049	N/A	91.8
0-40°	1124	N/A	98.3
0-60°	1143	N/A	100.0
0-90°	1143	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 24.3° Beam)

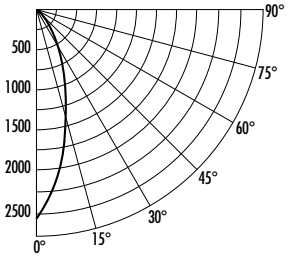
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	283.3	1.7
6'	125.9	2.6
8'	70.8	3.4
10'	45.3	4.3
12'	31.5	5.2

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	9027
55°	2732
65°	0
75°	0
85°	0

PHOTOMETRIC REPORT

Test Report#: PT07162141R
Catalog No: 2LEDTRIM G2 DC 35K 80CRI FL CWH (1000L), Clear Cone with Flood Optic
Luminaire Spacing Criteria: 0.58
Luminaire LPW: 104



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2571
5	2346
15	1490
25	799
35	256
45	32
55	4
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Reflectances: Ceiling 80%, Wall 50%, Floor 20%

Spacing	RCR1	RCR3	RCR5
4'	84	74	66
5'	53	47	42
6'	37	33	29
7'	30	27	24
8'	24	21	19
9'	18	16	14
10'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	991	N/A	83.1
0-40°	1159	N/A	97.1
0-60°	1193	N/A	100.0
0-90°	1193	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 11.5W, 35.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	160.7	2.6
6'	71.4	3.9
8'	40.2	5.2
10'	25.7	6.4
12'	17.9	7.7

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45°	17182
55°	2750
65°	0
75°	0
85°	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

Multiplier:	80 CRI	90 CRI
	27K = .94	27K = .83
	30K = .97	30K = .86
	35K = 1.00	35K = .88
	40K = 1.03	40K = .90

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