

COOPER LIGHTING - LUMARK®

DESCRIPTION

Computer-designed optics and precise aiming make the Eagle XL the right choice for amateur or professional sports facilities. U.L. listed for wet locations. CSA certified.

| | | |
|-------------|--|------|
| Catalog # | | Type |
| Project | | |
| Comments | | Date |
| Prepared by | | |

SPECIFICATION FEATURES

Construction

AIMING QUADRANT: Vertical aiming quadrant with repositioning stop combines with horizontal aiming protractor to allow pre-aiming while pole is on the ground.
SOCKET HOUSING: Die-cast socket housing has silicon gasket to keep out contaminants.

Electrical

BALLAST HOUSING: Rugged aluminum ballast housing is finished in corrosion-resistant dark bronze polyester powder coat.
BALLAST COMPARTMENT: Ballast/capacitor compartment provides cooler operation and extended component life.

Optical

REFLECTOR: Computer-designed spun-aluminum reflector produces repeatable beam distribution.
LENS: 1/8" tempered, heat- and shock-resistant lens sealed with closed-cell neoprene gasketing protects optics from dust and contaminants and is hinged for easy access.



XL EAGLE

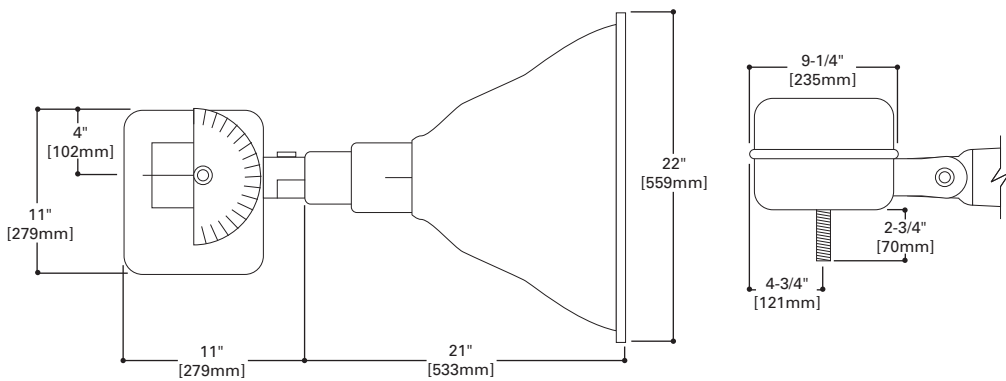
1000 - 1500W

Metal Halide

High Pressure Sodium

SPORTS FLOODLIGHTING

DIMENSIONS



TECHNICAL DATA

U.L. Wet Location Listed
 CSA Certified

ENERGY DATA

CWA Ballast Input Watts
 1000W HPS HPF (1100 Watts)
 1000W MH HPF (1080 Watts)
 1500W MH HPF (1625 Watts)

EPA

Effective Projected Area: 2.45

SHIPPING DATA

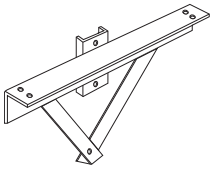
Approximate Net Weight:
 45 lbs. (20 kgs.)



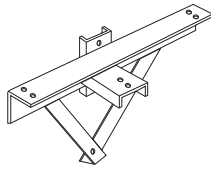
PHOTOMETRICS

| Lamp Wattage | Lamp Type | NEMA Beam Type | Beam Spread H x V | Definition of NEMA Beam Type Classifications | |
|--------------|----------------------|----------------|-------------------|--|-----------------|
| | | | | Type | Beam Spread |
| 1000 | High Pressure Sodium | 3 | 44° x 44° | 2 | 18° up to 29° |
| 1000 | High Pressure Sodium | 4 | 62° x 62° | 3 | 29° up to 46° |
| 1000 | High Pressure Sodium | 5 | 100° x 100° | 4 | 46° up to 70° |
| 1000 | High Pressure Sodium | 6 | 106° x 106° | 5 | 70° up to 100° |
| 1000 | Metal Halide | 2 | 27° x 27° | 6 | 100° up to 130° |
| 1000 | Metal Halide | 3 | 40° x 40° | | |
| 1000 | Metal Halide | 4 | 70° x 70° | | |
| 1000 | Metal Halide | 5 | 74° x 74° | | |
| 1000 | Metal Halide | 6 | 110° x 110° | | |
| 1500 | Metal Halide | 2 | 27° x 27° | | |
| 1500 | Metal Halide | 3 | 40° x 40° | | |
| 1500 | Metal Halide | 4 | 70° x 70° | | |
| 1500 | Metal Halide | 5 | 74° x 74° | | |
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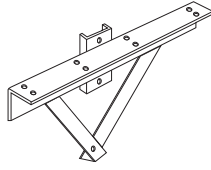
MOUNTING ACCESSORIES (MOUNTING HARDWARE NOT INCLUDED)



S2C2WP (EPA .9)
Two-in-line crossarm



S3C3WPM (EPA 3.6)
Three-in-line offset crossarm



S4C4WP (EPA 4.5)
Four-in-line crossarm

ORDERING INFORMATION

Sample Number: HPXL-T3-1000-MT

| | | | | | | | |
|---|--|---|--|--|--|--|--|
| | | | | | | | |
| Lamp Type MH=Metal Halide HP=High Pressure Sodium Series XL= Eagle XL | Distribution T2=Type II T3=Type III T4=Type IV T5=Type V T6= Type VI | Lamp Wattage ¹ 1000=1000W 1500=1500W ² | Voltage ³ 120V=120V 208V=208V 240V=240V 277V=277V 347V= 347V 480V= 480V MT= Multi-Tap, ⁴ wired 277V TT= Triple-Tap, ⁵ wired 347V | Options C3=3' Cord with no plug (Specify ⁶ Voltage) F1=Single Fuse (120, 277 or 347V only) F2= Double Fuse (208, 240 or 480V only) LL= Lamp Included ⁷ | Accessories ⁸ S/XL=Slipfitter Mount, Field Installed (Fits 2-3/8" OD Pipe) VS/XL=Vandal Shield HD/XL=Heavy-Duty Shroud TV/XL=Top Visor S2C2WP= Two-In-Line Crossarm for Wood Pole (EPA .9) S3C3WPM= Three-In-Line Offset Crossarm for Wood Pole (EPA 3.6) S4C4WP= Four-In-Line Crossarm for Wood Pole (EPA 4.5) WB/XL= Wood Crossarm Bolt | | |

- Notes: **1** All lamps are mogul-base. Lamp not included. HP 1000W not available in T2 Distribution.
2 Metal Halide only.
3 Products also available in non-US voltages and 50HZ for international markets.
4 Multi-Tap ballast 120/208/240/277V wired 277V.
5 Triple-Tap ballast 120/277/347V wired 347V.
6 Specify desired length in unit of feet, example, C6 for 6' cord.
7 Lamp is shipped separate from luminaire. Lamp is Cooper designated product based on luminaire requirements. Specified lamps must be ordered as a separate line item.
8 Order separately.

STOCK SAMPLE NUMBER: (NO REFLECTOR - BALLAST POD ONLY)

SAMPLE NUMBER: MHXL-3-1000-MT

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| | | | | |
| Lamp Type MH=Metal Halide | Series XL=Eagle XL | Distribution ¹ 3=Type III 4=Type IV 5=Type V 6=Type VI | Lamp Wattage 1000=1000W 1500=1500W | Voltage MT=Multi-Tap |

- Notes:
1 Type VI available in 1000W only.
 Options not available with stock products. Order Accessories as separate items for field installation.
 Refer to standard ordering information to add options and accessories. Refer to In-Stock Guide for availability.

STOCK SAMPLE NUMBER: (INCLUDED REFLECTOR AND DOOR)

SAMPLE NUMBER: MHXL-T4-1000-480V

| | | | | |
|-------------------------------------|------------------------------|---|---|-----------------------------|
| | | | | |
| Lamp Type MH=Metal Halide | Series XL=Eagle XL | Distribution ¹ T4=Type IV T5=Type V | Lamp Wattage 1000=1000W 1500=1500W | Voltage 480V=480V |

- Notes:
1 Type IV available in 1500W only.
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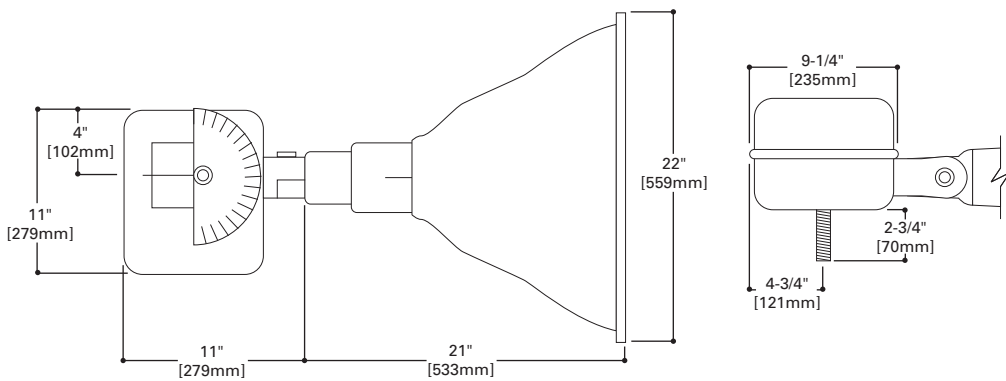
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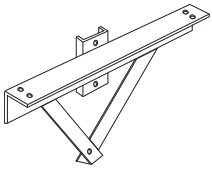
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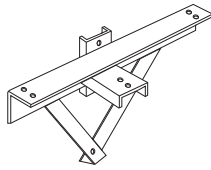
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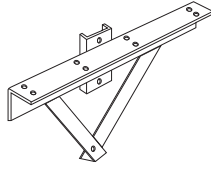
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