

DESCRIPTION

The patent pending Lumark Crosstour™ MAXX LED Wall Pack Series of luminaires provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/ surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools, and loading docks.

SPECIFICATION FEATURES

Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 50W and 85W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four (4) 1/2" NPT threaded conduit entry points. The back box is secured by four (4) lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens

assembly designed for maximum forward throw. Solid state LED Crosstour luminaires are thermally optimized with two (2) lumen packages in cool 5000K or neutral warm 3500K LED color temperature (CCT).

Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 50W and 85W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available. Crosstour MAXX luminaires maintain greater than 85% of initial light output after 60,000 hours of operation. Four (4) half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation.

Emergency Egress

Optional integral cold weather

battery emergency egress includes emergency operation test switch, an AC-ON indicator light and a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

Area and Site Pole Mounting

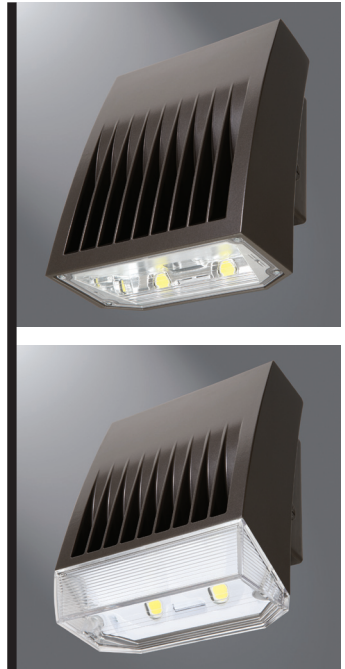
Optional extruded aluminum 6-1/2" arm features internal bolt guides for supplied twin support rods, allowing for easy positioning of the fixture during installation to pole. Supplied with round plate adapter plate. Optional tenon adapter fits 2-3/8" or 3-1/2" O.D. Tenon.

Finish

Crosstour MAXX is protected with a Super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty

Five-year limited warranty.



**XTOR
CROSSTOUR
MAXX LED**

APPLICATIONS:
WALL / SURFACE
INVERTED
SITE LIGHTING



CERTIFICATION DATA

- UL/cUL Wet Location Listed
- LM79 / LM80 Compliant
- ROHS Compliant
- ARRA Compliant
- NOM Compliant Models
- 3G Vibration Tested
- UL924 Listed (CBP Models)
- IP66 Rated
- Lighting Facts® Registered
- DesignLights™ Consortium Qualified*

TECHNICAL DATA

- 40°C Ambient Temperature
- External Supply Wiring 90°C Minimum

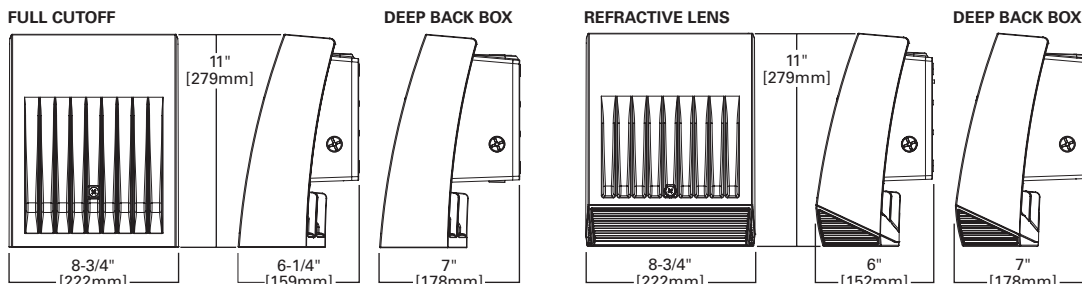
EPA

- Effective Projected Area (Sq. Ft.):
- XTOR5A/XTOR9A = 0.54
- With Pole Mount Arm = 0.98

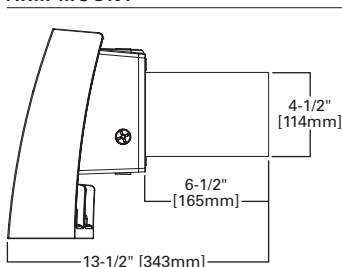
SHIPPING DATA:

- Approximate Net Weight:
- 12-15 lbs. [5.4-6.8 kgs.]

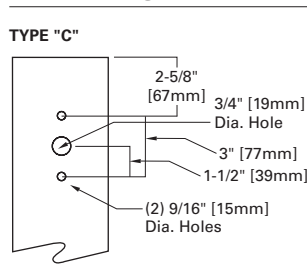
DIMENSIONS



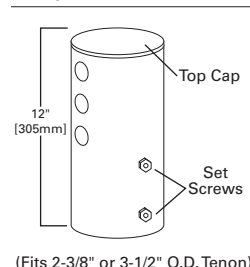
ARM MOUNT



ARM DRILLING



TENON ADAPTER



POWER AND LUMENS BY FIXTURE MODEL

| 50W LED Information | XTOR5A | XTOR5ARL | XTOR5A-N | XTOR5ARL-N |
|-----------------------------|----------|----------|----------|------------|
| Delivered Lumens | 4,282 | 4,553 | 3,532 | 3,830 |
| B.U.G. Rating | B1-U0-G1 | B1-U3-G2 | B1-U0-G1 | B1-U3-G2 |
| CCT (Kelvin) | 5000K | 5000K | 3500K | 3500K |
| CRI (Color Rendering Index) | 65 | 65 | 68 | 68 |
| Power Consumption (Watts) | 50W | 50W | 50W | 50W |

| 85W LED Information | XTOR9A | XTOR9ARL | XTOR9A-N | XTOR9ARL-N |
|-----------------------------|----------|----------|----------|------------|
| Delivered Lumens | 7,192 | 7,416 | 5,456 | 5,702 |
| B.U.G. Rating | B1-U0-G1 | B1-U3-G3 | B1-U0-G1 | B1-U3-G2 |
| CCT (Kelvin) | 5000K | 5000K | 3500K | 3500K |
| CRI (Color Rendering Index) | 65 | 65 | 68 | 68 |
| Power Consumption (Watts) | 86W | 85W | 84W | 82W |

| EGRESS Information | 50W and 85W Full Cutoff CBP Egress LED | 50W and 85W Refractive Lens CBP Egress LED |
|-----------------------------|--|--|
| Delivered Lumens | 509 | 468 |
| B.U.G. Rating | N.A. | N.A. |
| CCT (Kelvin) | 4000K | 4000K |
| CRI (Color Rendering Index) | 65 | 65 |
| Power Consumption (Watts) | 1.8W | 1.8W |

CURRENT DRAW

| Current (A) | Model Series | | | |
|-------------|--------------|--------|------------------------------|------------------------------|
| | XTOR5A | XTOR9A | XTOR5A-CBP (Fixture/Battery) | XTOR9A-CBP (Fixture/Battery) |
| 120V | 0.43 | 0.72 | 0.68/0.25 | 0.97/0.25 |
| 208V | 0.25 | 0.41 | -- | -- |
| 240V | 0.22 | 0.36 | -- | -- |
| 277V | 0.20 | 0.32 | 0.41/0.21 | 0.53/0.21 |
| 347V | 0.16 | 0.26 | -- | -- |
| 480V | 0.12 | 0.19 | -- | -- |

LUMEN MAINTENANCE

| Ambient Temperature | TM-21 Lumen Maintenance | Theoretical L70 (Hours) |
|-------------------------------|-------------------------|-------------------------|
| 50W Model 72,000 Hours | | |
| 25°C | > 91% | > 332,000 |
| 40°C | > 91% | > 324,000 |
| 50°C | > 91% | > 324,000 |
| 85W Model 36,000 Hours | | |
| 25°C | > 92% | > 157,000 |
| 40°C | > 91% | > 134,000 |
| 50°C | > 86% | > 85,000 |

ORDERING INFORMATION

Sample Number: XTOR5A-N-WT-PC1

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Series ¹

Full Cutoff
XTOR5A=50W
XTOR9A=85W
Refractive Lens
XTOR5ARL=50W
XTOR9ARL: 85W

LED Kelvin Color

_: Bright White (Standard) 5000K
N: Neutral Warm White, 3500K

Housing Color

_=Carbon Bronze (Standard)
WT=Summit White

Options ²

347V=347V^{3, 4, 5}
480V=480V^{3, 4, 5}
PC1=Photocontrol 120V
PC2=Photocontrol 208-277V⁶
DIM=0-10V Dimming Driver³
PMA=Pole Mount Arm (C Drilling) with⁴
 Round Adapter
HA= 50 Degrees C High Ambient⁷
CBP: Cold Weather Battery Pack^{3, 4, 8, 9}
MS/DIM-L20: Motion Sensor^{3, 4, 8, 10, 11, 12}
 for Dimming
 Operation
MS-L20: Motion Sensor for On/Off^{3, 4, 11, 12}
 Operation

Accessories ¹³

VA1040-XX=Single Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1041-XX=2 @ 180 Degrees Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1042-XX=3 @ 120 Degrees Tenon Adapter 3-1/2" O.D.Tenon¹⁴
VA1043-XX=4 @ 90 Degrees Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1044-XX=2 @ 90 Degrees Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1045-XX=3 @ 90 Degrees Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1046-XX= 2 @ 120 Degrees Tenon Adapter for 3-1/2" O.D.Tenon¹⁴
VA1033-XX: Single Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1034-XX= 2 @ 180 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1035-XX= 3 @ 120 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1036-XX= 4 @ 90 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1037-XX= 2 @ 90 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1038-XX= 3 @ 90 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
VA1039-XX= 2 @ 120 Degrees Tenon Adapter for 2-3/8" O.D.Tenon¹⁴
WG-XTORMX: Crosstour MAXX Wire Guard
PB120V: Field Installed 120V Photocontrol
PB277V BUTTON PC: Field Installed 208-277 Photocontrol⁶

- Notes:**
- 1 DesignLights™ Consortium Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
 - 2 Add as suffix.
 - 3 Not available with HA option.
 - 4 Deep back box is standard for 347V, 480V, CBP, PMA, MS-L20 and MS/DIM-L20.
 - 5 Not available with CBP option.
 - 6 Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
 - 7 Thru-branch wiring not available with HA option or with 347V.
 - 8 120 or 277V only.
 - 9 Operating temperatures -20°C to 25°C.
 - 10 Factory set to 50% power reduction after 15 minutes of inactivity. Dimming driver included.
 - 11 For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
 - 12 Includes integral photo sensor.
 - 13 Order accessories separately.
 - 14 Replace "XX" with CB for carbon bronze or WT for summit white.

STOCK ORDERING INFORMATION

| 50W Series | 85W Series |
|--|--|
| Full Cutoff | |
| XTOR5A=50W, 5000K, Carbon Bronze | XTOR9A=85W, 5000K, Carbon Bronze |
| XTOR5A-PC1=50W, 5000K, 120V PC, Carbon Bronze | XTOR9A-PC1=85W, 5000K, 120V PC, Carbon Bronze |
| XTOR5A-WT= 50W, 5000K, Summit White | XTOR9A-WT=85W, 5000K, Summit White |
| XTOR5A-N=50W, 3500K, Carbon Bronze | XTOR9A-PC2=85W, 5000K, 208-277V PC, Carbon Bronze |
| | XTOR9A-480V=85W, 5000K, 480V, Carbon Bronze |
| Refractive Lens | |
| XTOR5ARL=50W, 5000K, Refractive Lens, Carbon Bronze | XTOR9ARL=85W, 5000K, Refractive Lens, Carbon Bronze |
| XTOR5ARL-PC1=50W, 5000K, Refractive Lens, 120V PC, Carbon Bronze | XTOR9ARL-PC1=85W, 5000K, Refractive Lens, 120V PC, Carbon Bronze |
| XTOR5ARL-WT=50W, 5000K, Refractive Lens, Summit White | XTOR9ARL-WT=85W, 5000K, Refractive Lens, Summit White |
| XTOR5ARL-N=50W, 3500K, Refractive Lens, Carbon Bronze | XTOR9ARL-PC2=85W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze |
| | XTOR9ARL-480V=85W, 5000K, Refractive Lens, 480V, Carbon Bronze |



5-DAY QUICK SHIP ORDERING INFORMATION

| 50W Series | 85W Series |
|--|--|
| Full Cutoff | |
| XTOR5A-CBP=50W, 5000K, Carbon Bronze, Cold Weather Battery Pack | XTOR9A-CBP=85W, 5000K, Carbon Bronze, Cold Weather Battery Pack |
| XTOR5A-480V=50W, 5000K, Carbon Bronze, 480V | XTOR9A-N=85W, 3500K, Carbon Bronze |
| XTOR5A-PC2=50W, 5000K, Carbon Bronze, 208-277V PC | |
| Refractive Lens | |
| XTOR5ARL-PC2=50W, Refractive Lens, 5000K, Carbon Bronze, 208-277V PC | XTOR9ARL-CBP=85W, Refractive Lens, 5000K, Carbon Bronze, Cold Weather Battery Pack |
| XTOR5ARL-CBP=50W, Refractive Lens, 5000K, Carbon Bronze, Cold Weather Battery Pack | XTOR9ARL-N=85W, Refractive Lens, 3500K, Carbon Bronze |
| XTOR5ARL-480V=50W, Refractive Lens, 5000K, Carbon Bronze, 480V | |