

DESCRIPTION

The patented Lumark Crosstour™ LED Wall Pack Series of luminaires provides an architectural style with super bright, energy efficient LEDs. The low-profile, rugged die-cast aluminum construction, universal back box, stainless steel hardware along with a sealed and gasketed optical compartment make the Crosstour impervious to contaminants. The Crosstour wall luminaire is ideal for wall/surface, inverted mount for façade/canopy illumination, post/bollard, site lighting, floodlight and low level pathway illumination including stairs. Typical applications include building entrances, multi-use facilities, apartment buildings, institutions, schools, stairways and loading docks test.

SPECIFICATION FEATURES

Construction

Slim, low-profile LED design with rugged one-piece, die-cast aluminum hinged removable door and back box. Matching housing styles incorporate both a small and medium design. The small housing is available in 12W, 18W and 26W. The medium housing is available in the 38W model. Patented secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes three half-inch, NPT threaded conduit entry points. The universal back box supports both the small and medium forms and mounts to standard 3-1/2" to 4" round and octagonal, 4" square, single gang and masonry junction boxes. Key hole gasket allows for adaptation to junction box or wall. External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Minimum 5" wide pole for site lighting application. Not recommended for car wash applications.

Optical

Silicone sealed optical LED chamber incorporates a custom engineered mirrored anodized reflector providing high-efficiency illumination. Optical assembly includes impact-resistant tempered glass and meets IESNA requirements for full cutoff compliance. Available in seven lumen packages; 5000K, 4000K and 3000K CCT.

Electrical

LED driver is mounted to the die-cast housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 12W, 18W, 26W and 38W series operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C models available. Crosstour luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Three half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized

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

electrical wiring compartment.

Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz or 347V 60Hz models.

Finish

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

Warranty

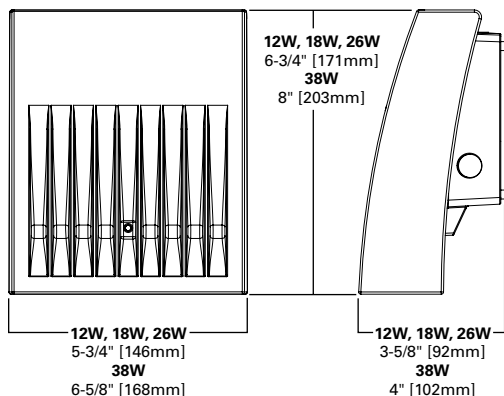
Five-year warranty.



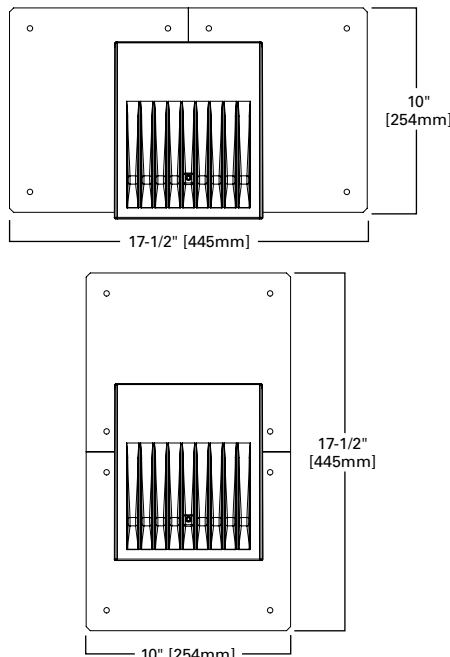
XTOR CROSSTOUR LED

APPLICATIONS:
WALL / SURFACE
POST / BOLLARD
LOW LEVEL
FLOODLIGHT
INVERTED
SITE LIGHTING

DIMENSIONS



ESCUTCHEON PLATES



CERTIFICATION DATA

UL/cUL Wet Location Listed
LM79 / LM80 Compliant
ROHS Compliant
ADA Compliant
NOM Compliant Models
IP66 Ingressed Protection Rated
Title 24 Compliant
DesignLights Consortium® Qualified*

TECHNICAL DATA

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

EPA

Effective Projected Area (Sq. Ft.):
XTOR1B, XTOR2B, XTOR3B=0.34
XTOR4B=0.45

SHIPPING DATA:

Approximate Net Weight:
3.7 – 5.25 lbs. [1.7 – 2.4 kgs.]

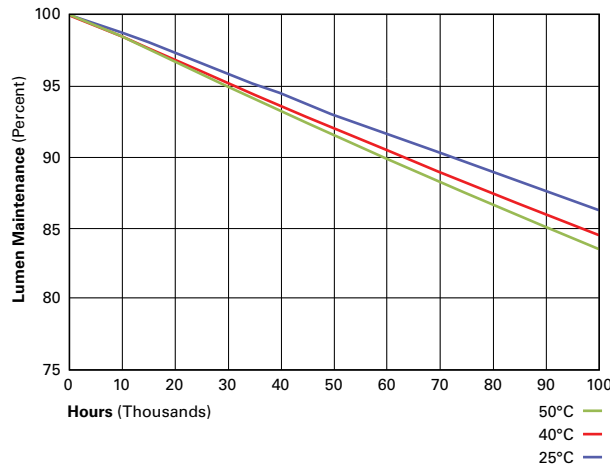
POWER AND LUMENS BY FIXTURE MODEL

| LED Information | XTOR1B | XTOR1B-W | XTOR1B-Y | XTOR2B | XTOR2B-W | XTOR2B-Y | XTOR3B | XTOR3B-W | XTOR3B-Y | XTOR4B | XTOR4B-W | XTOR4B-Y |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Delivered Lumens (Wall Mount) | 1,418 | 1,396 | 1,327 | 2,135 | 2,103 | 1,997 | 2,751 | 2,710 | 2,575 | 4,269 | 4,205 | 3,995 |
| Delivered Lumens (With Flood Accessory Kit) ¹ | 1,005 | 990 | 940 | 1,495 | 1,472 | 1,399 | 2,099 | 2,068 | 1,965 | 3,168 | 3,121 | 2,965 |
| B.U.G. Rating ² | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B1-U0-G0 | B2-U0-G0 | B2-U0-G0 | B2-U0-G0 |
| CCT (Kelvin) | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 |
| CRI (Color Rendering Index) | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| Power Consumption (Watts) | 12W | 12W | 12W | 18W | 18W | 18W | 26W | 26W | 26W | 38W | 38W | 38W |

NOTES: 1 Includes shield and visor. 2 B.U.G. Rating does not apply to floodlighting.

LUMEN MAINTENANCE

| Ambient Temperature | TM-21 Lumen Maintenance (72,000 Hours) | Theoretical L70 (Hours) |
|---------------------|--|-------------------------|
| XTOR1B Model | | |
| 25°C | > 90% | 255,000 |
| 40°C | > 89% | 234,000 |
| 50°C | > 88% | 215,000 |
| XTOR2B Model | | |
| 25°C | > 89% | 240,000 |
| 40°C | > 88% | 212,000 |
| 50°C | > 87% | 196,000 |
| XTOR3B Model | | |
| 25°C | > 89% | 240,000 |
| 40°C | > 88% | 212,000 |
| 50°C | > 87% | 196,000 |
| XTOR4B Model | | |
| 25°C | > 89% | 222,000 |
| 40°C | > 87% | 198,000 |
| 50°C | > 87% | 184,000 |



CURRENT DRAW

| Voltage | Model Series | | | |
|---------|--------------|--------|--------|--------|
| | XTOR1B | XTOR2B | XTOR3B | XTOR4B |
| 120V | 0.103A | 0.15A | 0.22A | 0.34A |
| 208V | 0.060A | 0.09A | 0.13A | 0.17A |
| 240V | 0.053A | 0.08A | 0.11A | 0.17A |
| 277V | 0.048A | 0.07A | 0.10A | 0.15A |
| 347V | 0.039A | 0.06A | 0.082A | 0.12A |

ORDERING INFORMATION

Sample Number: XTOR2B-W-WT-PC1

| Series ¹ | LED Kelvin Color | Housing Color | Options (Add as Suffix) | Accessories (Order Separately) |
|---|---|---|---|---|
| XTOR1B =Small Door, 12W XTOR2B =Small Door, 18W XTOR3B =Small Door, 26W XTOR4B =Medium Door, 38W | [Blank] =Bright White (Standard), 5000K W =Neutral White, 4000K Y =Warm White, 3000K | [Blank] =Carbon Bronze (Standard) WT =Summit White BK =Black BZ =Bronze AP =Grey GM =Graphite Metallic DP =Dark Platinum | PC1 =Photocontrol 120V ² PC2 =Photocontrol 208-277V ^{2,3} 347V =347V ⁴ HA =50°C High Ambient ⁴ | WG/XTOR =Wire Guard ⁵ XTORFLD-KNC =Knuckle Floodlight Kit ⁶ XTORFLD-TRN =Trunnion Floodlight Kit ⁶ XTORFLD-KNC-WT =Knuckle Floodlight Kit, Summit White ⁶ XTORFLD-TRN-WT =Trunnion Floodlight Kit, Summit White ⁶ EWP/XTOR =Escutcheon Wall Plate, Carbon Bronze EWP/XTOR-WT =Escutcheon Wall Plate, Summit White |

NOTES:

1. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.
2. Photocontrols are factory installed.
3. Order PC2 for 347V models.
4. Thru-branch wiring not available with HA option or with 347V. XTOR3B not available with HA and 347V or 120V combination.
5. Wire guard for wall/surface mount. Not for use with floodlight kit accessory.
6. Floodlight kit accessory supplied with knuckle (KNC) or trunnion (TRN) base, small and large top visors and small and large impact shields.

STOCK ORDERING INFORMATION

| 12W Series | 18W Series | 26W Series | 38W Series |
|---|---|---|---|
| XTOR1B =12W, 5000K, Carbon Bronze | XTOR2B =18W, 5000K, Carbon Bronze | XTOR3B =26W, 5000K, Carbon Bronze | XTOR4B =38W, 5000K, Carbon Bronze |
| XTOR1B-WT =12W, 5000K, Summit White | XTOR2B-W =18W, 4000K, Carbon Bronze | XTOR3B-W =26W, 4000K, Carbon Bronze | XTOR4B-W =38W, 4000K, Carbon Bronze |
| XTOR1B-PC1 =12W, 5000K, 120V PC, Carbon Bronze | XTOR2B-WT =18W, 5000K, Summit White | XTOR3B-WT =26W, 5000K, Summit White | XTOR4B-WT =38W, 5000K, Summit White |
| XTOR1B-W =12W, 4000K, Carbon Bronze | XTOR2B-PC1 =18W, 5000K, 120V PC, Carbon Bronze | XTOR3B-PC1 =26W, 5000K, 120V PC, Carbon Bronze | XTOR4B-PC1 =38W, 5000K, 120V PC, Carbon Bronze |
| | XTOR2B-W-PC1 =18W, 4000K, 120V PC, Carbon Bronze | XTOR3B-W-PC1 =26W, 4000K, 120V PC, Carbon Bronze | XTOR4B-W-PC1 =38W, 4000K, 120V PC, Carbon Bronze |
| | XTOR2B-347V =18W, 5000K, Carbon Bronze, 347V | XTOR3B-347V =26W, 5000K, Carbon Bronze, 347V | XTOR4B-347V =38W, 5000K, Carbon Bronze, 347V |
| | XTOR2B-WT-PC1 =18W, 5000K, 120V PC, Summit White | XTOR3B-PC2 =26W, 5000K, 208-277V PC, Carbon Bronze | |

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Optical

Silicone sealed optical LED chamber incorporates a custom engineered mirrored anodized reflector providing high-efficiency illumination. Optical assembly includes impact-resistant tempered glass and meets IESNA requirements for full cutoff compliance. Available in seven lumen packages; 5000K, 4000K and 3000K CCT.

Electrical

LED driver is mounted to the die-cast housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 12W, 18W, 26W and 38W series operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C models available. Crosstour luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Three half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized

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electrical wiring compartment.

Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz or 347V 60Hz models.

Finish

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

Warranty

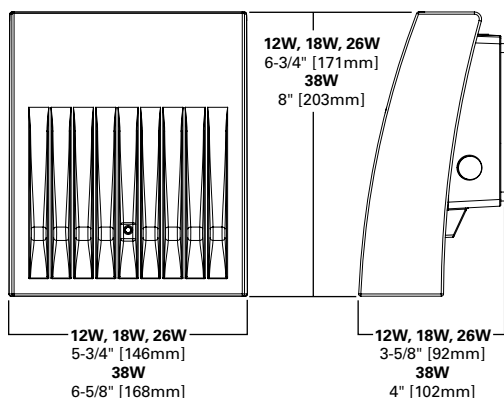
Five-year warranty.



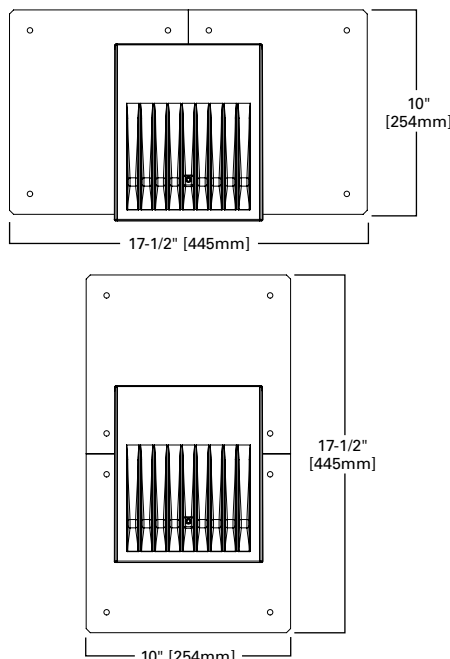
XTOR CROSSTOUR LED

APPLICATIONS:
WALL / SURFACE
POST / BOLLARD
LOW LEVEL
FLOODLIGHT
INVERTED
SITE LIGHTING

DIMENSIONS



ESCUTCHEON PLATES



CERTIFICATION DATA

UL/cUL Wet Location Listed
LM79 / LM80 Compliant
ROHS Compliant
ADA Compliant
NOM Compliant Models
IP66 Ingressed Protection Rated
Title 24 Compliant
DesignLights Consortium® Qualified*

TECHNICAL DATA

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

EPA

Effective Projected Area (Sq. Ft.):
XTOR1B, XTOR2B, XTOR3B=0.34
XTOR4B=0.45

SHIPPING DATA:

Approximate Net Weight:
3.7 – 5.25 lbs. [1.7 – 2.4 kgs.]

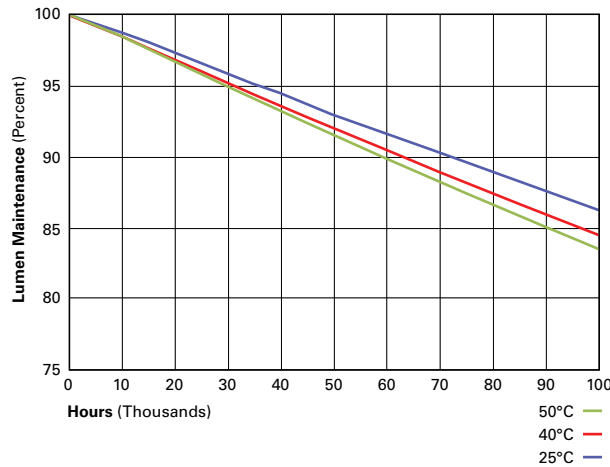
POWER AND LUMENS BY FIXTURE MODEL

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| CCT (Kelvin) | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 |
| CRI (Color Rendering Index) | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| Power Consumption (Watts) | 12W | 12W | 12W | 18W | 18W | 18W | 26W | 26W | 26W | 38W | 38W | 38W |

NOTES: 1 Includes shield and visor. 2 B.U.G. Rating does not apply to floodlighting.

LUMEN MAINTENANCE

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3. Order PC2 for 347V models.
4. Thru-branch wiring not available with HA option or with 347V. XTOR3B not available with HA and 347V or 120V combination.
5. Wire guard for wall/surface mount. Not for use with floodlight kit accessory.
6. Floodlight kit accessory supplied with knuckle (KNC) or trunnion (TRN) base, small and large top visors and small and large impact shields.

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| XTOR1B-PC1 =12W, 5000K, 120V PC, Carbon Bronze | XTOR2B-WT =18W, 5000K, Summit White | XTOR3B-WT =26W, 5000K, Summit White | XTOR4B-WT =38W, 5000K, Summit White |
| XTOR1B-W =12W, 4000K, Carbon Bronze | XTOR2B-PC1 =18W, 5000K, 120V PC, Carbon Bronze | XTOR3B-PC1 =26W, 5000K, 120V PC, Carbon Bronze | XTOR4B-PC1 =38W, 5000K, 120V PC, Carbon Bronze |
| | XTOR2B-W-PC1 =18W, 4000K, 120V PC, Carbon Bronze | XTOR3B-W-PC1 =26W, 4000K, 120V PC, Carbon Bronze | XTOR4B-W-PC1 =38W, 4000K, 120V PC, Carbon Bronze |
| | XTOR2B-347V =18W, 5000K, Carbon Bronze, 347V | XTOR3B-347V =26W, 5000K, Carbon Bronze, 347V | XTOR4B-347V =38W, 5000K, Carbon Bronze, 347V |
| | XTOR2B-WT-PC1 =18W, 5000K, 120V PC, Summit White | XTOR3B-PC2 =26W, 5000K, 208-277V PC, Carbon Bronze | |