

ZXL11-H

LED Hanging/Pendant . ZX11 Series



Product Features

- Suspension/pendant LED fixture for landscape and architectural application.
- ETL outdoor wet location listed. IP65 standard.
- Machined from solid billet 6061-T6 corrosion resistant aluminum.
- Modular components - field changeable LED module & beam spread reflectors.

Specification

Materials: Machined from billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.

Fixture Weight: 1lb.

Glare Shield: 3 optional glare shields(GSL-long, GSA-angled GSS-short) for additional glare control. See page 3 for details.

Voltage: 12V AC/DC. Requires remote step down transformer.

Wattage: 5 or 7W HK LED.

Light Source: CRI 83. Available in CRI95 upon request. The chromaticity range is within a 3-step McAdam Ellipse. Standard CCT options are 2700K, 3000K, 4000K.

Lamp Base / Socket: Innovative cone-shaped lamp base and receptacle socket maximize the surface contact area to dissipate heat more effectively. See "Resources" for details.

Dimmability: MLV or ELV.

Finish: Polyester powder coat on all aluminum materials with RoHS compliant procedures. Anodized finish is available. Stainless steel and brass models are provided with brushed surface.

Optical Accessories: Accepts up to 3 accessories (hexcel louver, optical lenses, dichroic color filters, etc.). Secured in place with metal snap ring.

Mounting Method: Mount cable on tree branches or beam using screw-mount-cable ties, or attach to a canopy plate/box for pendant application. Standard fixture comes with 5' 18/2 SJTW power cable.

Ordering Guide

EXAMPLE: ZXL11-H - NF - GSL - 12V - 7 - 27- 29 - BK -LVR - CM5

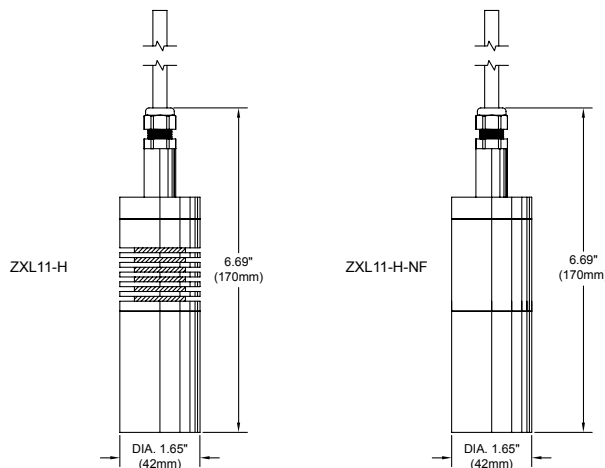
| SERIES | MATERIAL | HEAT SINK FINS | OPTIONAL GLARE SHIELD | VOLTAGE | WATTAGE | CCT | OPTICS | FINISH | OPTIONAL SELECT UP TO 3 OPTIC ACCESSORIES | OPTIONAL MOUNTING ACCESSORIES |
|---------|-----------------------------|----------------|-----------------------|---------|---------|----------|--------|-----------------------|---|---|
| ZXL11-H | - | - | - | 12V | - | - | - | - | - | - |
| | BLANK Aluminum(Standard) | F With Fins | GSL | | 5 5W | 27 2700K | 29 29° | Standard | LVR Hexcel Louver | See page 3 for quick reference, or "Accessories" link for detailed specification. |
| | NBR Natural Brass | NF No Fins | GSA | | 7 7W | 30 3000K | 40 40° | BK Black Powder Coat | OSL Overall Spread Lens | |
| | NSS Natural Stainless Steel | | GSS | | | 40 4000K | 57 57° | BZ Bronze Powder Coat | LSL Linear Spread Lens | |
| | CU Natural Copper | | | | | | | WT White Powder Coat | SOL Solite Soft Focus | |
| | | | | | | | | Premium | DF Dichroic Filter | |
| | | | | | | | | ABK Anodized Black | | |
| | | | | | | | | ACL Anodized Clear | | |
| | | | | | | | | CC Custom Powder Coat | | |

Remote Step Down Transformer (Optional). See "Accessories" link for detailed specification.

| Model | Wattage(VA) | Primary Voltage(VAC) | Secondary Volt(VAC) | Dimming Method | Characters |
|-------|----------------------|----------------------|---------------------------------|----------------|---|
| - | - | - | - | - | - |
| TXM | 20 40 60 100 150 300 | 120 or 277 | 12 | MLV | Outdoor, Wall Mount, Compact |
| TXS | 150 300 600 | 120 | Multi-tap of 12, 13, 14, 15 VAC | MLV | Outdoor, Wall mount, Stainless Steel Case |
| IGT | 50 100 300 600 | 120 | 12 | MLV | in grade |
| TXE | 60 | 120, 230, or 277 | 12 | ELV | Needs Enclosure, 6ft working distance |

Product Drawings

NOTE: Specification and dimensions subject to change without notice.

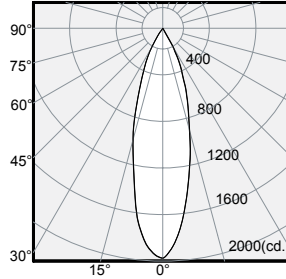


Photometry & Energy Data

MODEL ZXL11-H-7W-N

| | |
|----------------------------|--------|
| Input Power | 8.1W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 80 |
| Beam Angle | 28.7° |
| Max. Candlepower | 1964cd |
| Delivered Lumens | 636lm |
| Efficacy | 78lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

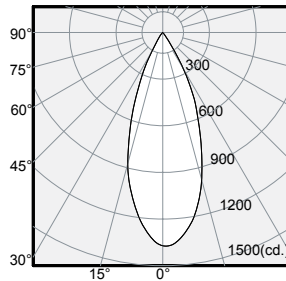
| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 491 | 1.0' | 2.0' |
| 123 | 2.0' | 4.0' |
| 55 | 3.0' | 6.0' |
| 31 | 4.0' | 8.0' |
| 20 | 5.0' | 10.0' |

1/2 Beam Angle: 28.7°

MODEL ZXL11-H-7W-M

| | |
|----------------------------|--------|
| Input Power | 8.1W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 80 |
| Beam Angle | 39.2° |
| Max. Candlepower | 1383cd |
| Delivered Lumen | 632lm |
| Efficacy | 78lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

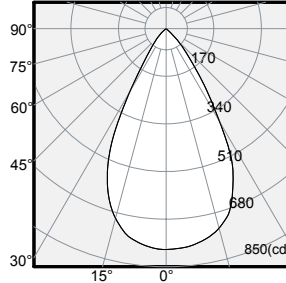
| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 346 | 1.4' | 2.0' |
| 86 | 2.9' | 4.0' |
| 38 | 4.3' | 6.0' |
| 22 | 5.7' | 8.0' |
| 14 | 7.1' | 10.0' |

1/2 Beam Angle: 39.2°

MODEL ZXL11-H-7W-W

| | |
|----------------------------|--------|
| Input Power | 8.1W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 80 |
| Beam Angle | 56.9° |
| Max. Candlepower | 811cd |
| Delivered Lumen | 675lm |
| Efficacy | 83lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

| Center Beam (fc) | Beam Diameter | Distance |
|------------------|---------------|----------|
| 203 | 2.2' | 2.0' |
| 135 | 4.3' | 4.0' |
| 23 | 6.5' | 6.0' |
| 13 | 8.7' | 8.0' |
| 8 | 10.8' | 10.0' |

1/2 Beam Angle: 56.9°

Wattage Multiplier Table

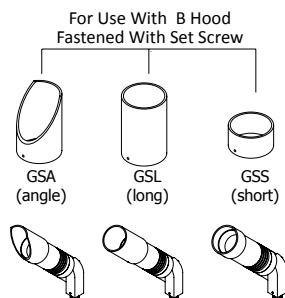
| Wattage | Multiplier |
|---------|------------|
| 5Watt | 0.67 |
| 7Watt | 1.00 |

CCT Multiplier Table

| Color Temp. | Multiplier |
|-------------|------------|
| 2700K | 0.96 |
| 3000K | 1.00 |
| 4000K | 1.03 |

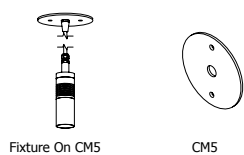
Product Options & Accessories

Optional Glare Shield

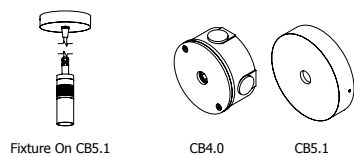


Mounting Accessories

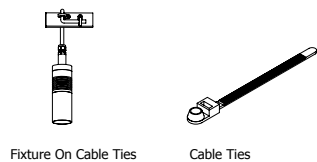
Canopy Plate:



Surface Mount Box:



Screw-Mount-Cable Ties:



Notes