

# ZFL11

(includes former ZXLF-CPV model)

FLOOD & WALL WASH | ZFL11 Series | 1.75"  
4 - 8W (250 - 500lm) | 12V | HK LED, Amber

**IP67**

Low Voltage LED Center Pivot Flood Light: ZFL11-0C1-AAC

## FEATURES

- Strong 12V LED center pivot flood light for wall wash, landscape, hardscape, and signage illumination.
- 4W, 8W integrated HK LED delivering 250 to 500 lumens. 2700K-4000K CCT, including specialty Amber option.
- Wet Location Listed, IP67 Standard.
- Machined from solid aircraft grade (6061-T6), corrosion-resistant aluminum, then anodized and powder coated to create a highly durable, marine grade finish. Also available in solid brass or stainless steel.
- 360° vertical and 360° horizontal adjustment via unique swivel stem design.
- Available ground, surface, and canopy mounting options.
- Every fixture tested end of line for water tightness and light quality.

## SPECIFICATIONS

<b>Materials</b> Solid billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware.	<b>Voltage</b> 12V AC/DC. Requires remote step down transformer.	<b>Optics</b> Includes Solite Soft Focus lens for smooth, even distribution of light.
<b>Finish</b> Aluminum materials are first anodized and then powder coated for a robust, marine grade finish. Stainless steel and brass models are provided with brushed surface.	<b>Wattage</b> 4 or 8W HK LED delivering 250 to 500 lumens.	<b>Mounting</b> Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices. (See page 4 for details).
<b>Optional Barn Door</b> Optional barn doors for glare control and precision cut off. (See page 4 for details).	<b>Light Engine</b> Innovative HK LED light engine. CRI 90 Standard. Available in CRI 80 or CRI 95 upon request. Standard CCT options are 2700K, 3000K, 3500K, 4000K. Amber option available. Consult factory for specialty LED specification details.	<b>Listings</b> ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.
	<b>Dimming</b> MLV or ELV Phase Control dimming.	

## ORDERING GUIDE

EXAMPLE: ZFL11-0C1-ABL-012V08W-30-BD-JB-1

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<sup>1</sup> Consult factory for specialty finish quoting and lead times.

<sup>2</sup> For Specialty AM (Amber LED), select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

<sup>3</sup> Due to the size of the ZFL11, not recommended for use in soft soil.

## OPTIONAL INSTALLED ACCESSORIES

### GLARE SHIELD ACCESSORIES

<b>BD</b>	Barndoor Glare Shields
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### MOUNTING (Most common listed, see Page 4 for additional options)

GROUND MOUNT	
<b>MHCS-06</b>	6" PVC Single Prong Spike (12V) <sup>3</sup>
<b>MHCS-12</b>	12" PVC Single Prong Spike (12V) <sup>3</sup>
<b>MH02-06-BRZ</b>	6" Stainless Steel 3-Prong Spike (12V) Bronze
<b>MH02-12-BRZ</b>	12" Stainless Steel 3-Prong Spike (12V) Bronze
<b>JB-1</b>	Brass In-ground Junction Box
CANOPY MOUNT	
<b>CM1-XXX</b>	3.75" Square Canopy Plate
<b>CM3-XXX</b>	4.75" Square Canopy Plate
<b>CM5-XXX</b>	5" Round Canopy Plate
<b>CM5-2-XXX</b>	5" Round Canopy Plate - Double
SURFACE MOUNT	
<b>CMLJ-XXX</b>	2.7" Round Surface Box
<b>CB4.0-XXX</b>	4" Round Surface Box
<b>CB5.5-XXX</b>	5.5" Round Surface Box
EXTENSIONS	
<b>EX-12-XXX</b>	12" Extension
<b>EX-24-XXX</b>	24" Extension
<b>EL-XXX</b>	Elbow Extension

### ADDITIONAL GLARE SHIELD ACCESSORIES

<b>BD-ZFL11-XXX</b>	Barndoor Glare Shields
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- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.

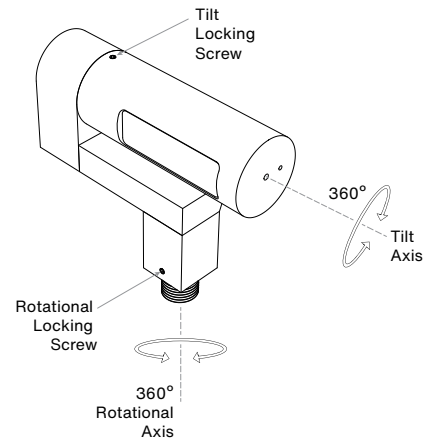
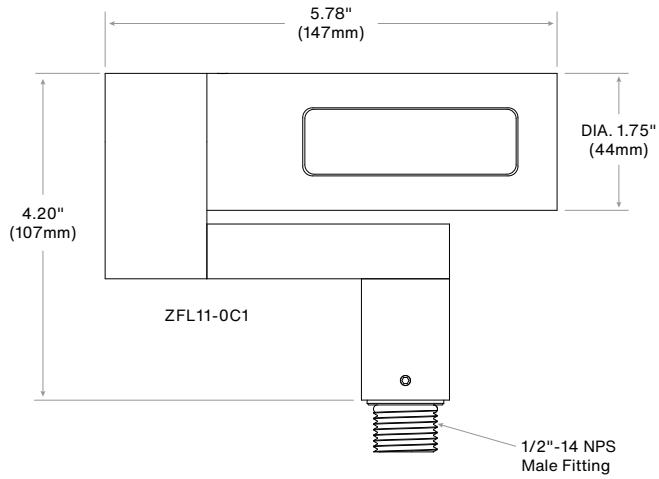
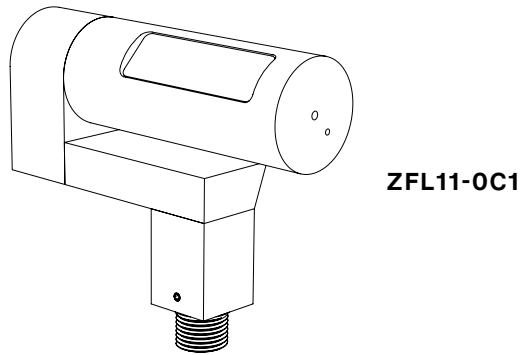
## OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

 TRANSFORMERS (Go to [Accessories](#) for detailed specification)

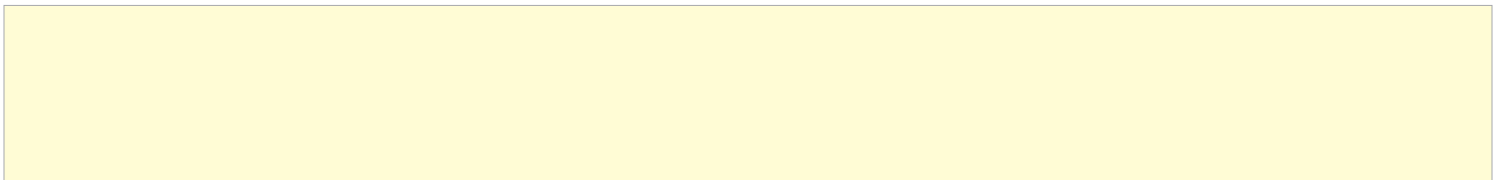
EXAMPLE: TXM-300-OTR-SS

MODEL		WATTAGE (VA)				PRIMARY VOLTAGE (VAC)	
<b>TXM</b>	Stainless steel, wet location outdoor magnetic transformer Multitap   12-15VAC Output   MLV Dimming	150	300			<b>OTR-SS</b> (120V Only)	
<b>TXS</b>	Stainless steel, wet location outdoor magnetic transformer Multitap   12VAC Output   MLV Dimming	150	300	600		<b>SS</b> (120V Only)	
<b>TXM</b>	Compact, damp location magnetic transformer 12VAC Output   MLV Dimming	20	40	60	100	120	
<b>IGT</b>	In ground outdoor magnetic transformer 12VAC Output   MLV Dimming	50 (120V Only)		100	300	600	120 277
<b>TXE</b>	In-fixture or near mounted electronic transformer 12VAC Output   ELV Dimming   Enclosure by others	60				120	277

**PRODUCT DRAWINGS**



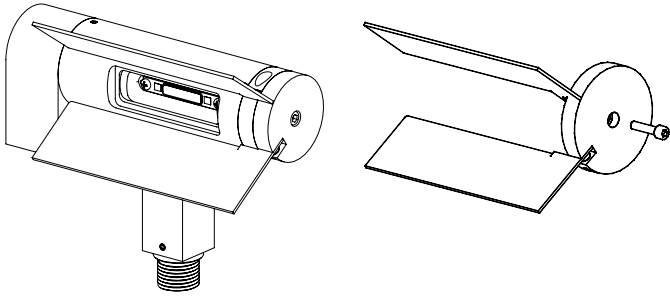
**Notes:**



**OPTIONS & ACCESSORIES**

**OPTIONAL GLARE SHIELD**

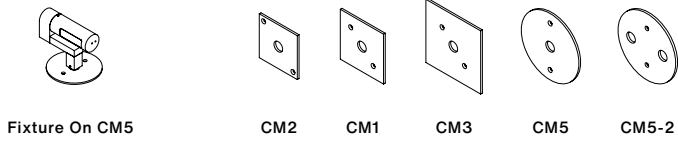
Barn Door For ZFL11 Series  
Fastened With Set Screw



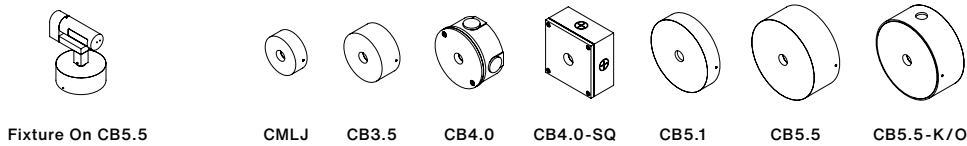
**MOUNTING ACCESSORIES**

Go to [Accessories](#) for additional options and full specifications.

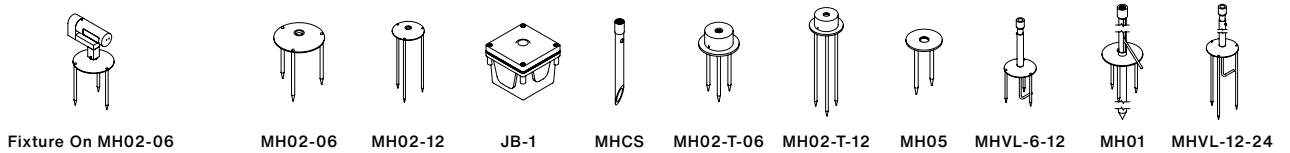
**Canopy Mount:**



**Surface Mount Box:**



**Ground Mount:**

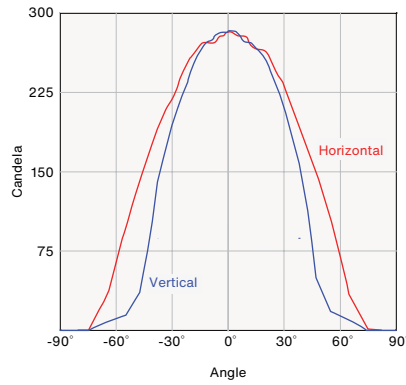
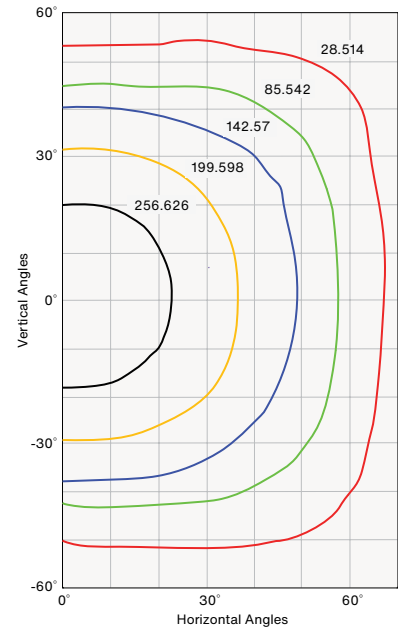


**Extension:**



**PHOTOMETRY & ENERGY DATA**
**ZFL11**

Input Power	7.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Horizontal Beam Angle	96.4°
Vertical Beam Angle	77.1°
Max. Candlepower	285cd
Delivered Lumens	508lm
Efficacy	67.7lm/W

**Axial Candela Display**

**Isocandela Curves**


Maximum Candela = 285.14 Located at Horizontal Angle = 0°, Vertical Angle = 0°  
 50% Maximum Candela = 142.57  
 10% Maximum Candela = 28.514

**WATTAGE MULTIPLIER**

Wattage	Multiplier
4 Watt	0.50
8 Watt	1.00

**CCT MULTIPLIER**

Color Temp.	Multiplier
2700k	0.97
3000k	1.00
4000k	1.05