

# ZFL16-1

(includes former ZXLFi model)

FLOOD & WALL WASH | ZFL16 Series | 2.25" dia.  
 4 - 8W (250 - 500lm) | 120V - 277V | HK LED, Amber



Line Voltage LED Modern Single Flood Light: ZFL16-1R1



Line Voltage LED Modern Double Flood Light: ZFL16-1R2

## FEATURES

- Strong 120V - 277V LED round flood light for wall wash, landscape, hardscape, and signage illumination.
- 4 W, 8W integrated HK LED delivering 250 - 500 lumens per light. 2700 - 4000K CCT, including specialty Amber options.
- 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.
- Readymade eligible configurations ship in 2 to 4 weeks, complete with selected accessories installed.

## SPECIFICATIONS

### Materials

Solid billet 6061-T6 corrosion resistant aluminum with 316 stainless steel hardware.

### 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.

### Optional Barn Door

Optional barn doors for glare control and precision cut off. (See page 4 for details)

### Voltage

Universal 120V - 277V AC with integral LED driver.

### Wattage

4 or 8W HK LED delivering 250 to 500 lumens.

### Light Engine

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.

### Driver / Dimming

Onboard, Integrated LED Driver.  
 SINGLE LIGHT: Non-Dimmable  
 DOUBLE LIGHT: Phase Control @120V available for 4W version only, 0V - 10V @120V - 277V.

### Optics

Includes Solite Soft Focus lens for smooth, even distribution of light.

### Mounting

Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices. (See page 4 for details)

### Listings

ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.

## ORDERING GUIDE

EXAMPLE: ZFL16-IR1-ABL-120V08W-27-BD-MHJB-06-BRZ

MODEL	PHYSICAL OPTIONS	MATERIAL /FINISH	POWER	LIGHT																																																		
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ZFL16 Series Round Flood Light Integrated HK LED	<table border="1"> <tr> <td><b>IR1</b></td> <td>Line Voltage, Round Single Light</td> </tr> <tr> <td><b>IR2</b></td> <td>Line Voltage, Round Double Light</td> </tr> </table>	<b>IR1</b>	Line Voltage, Round Single Light	<b>IR2</b>	Line Voltage, Round Double Light	<table border="1"> <tr> <td><b>ABL</b></td> <td>Aluminum Black</td> </tr> <tr> <td><b>ABR</b></td> <td>Aluminum Bronze</td> </tr> <tr> <td><b>AWH</b></td> <td>Aluminum White</td> </tr> <tr> <td><b>AAC</b></td> <td>Aluminum Anodized Clear<sup>2</sup></td> </tr> <tr> <td><b>NBR</b></td> <td>Natural Brass<sup>2</sup></td> </tr> <tr> <td><b>NCU</b></td> <td>Natural Copper<sup>2</sup></td> </tr> <tr> <td><b>NSS</b></td> <td>Natural Stainless Steel<sup>2</sup></td> </tr> <tr> <td><b>CCC</b></td> <td>Custom Finish<sup>2</sup></td> </tr> </table>	<b>ABL</b>	Aluminum Black	<b>ABR</b>	Aluminum Bronze	<b>AWH</b>	Aluminum White	<b>AAC</b>	Aluminum Anodized Clear <sup>2</sup>	<b>NBR</b>	Natural Brass <sup>2</sup>	<b>NCU</b>	Natural Copper <sup>2</sup>	<b>NSS</b>	Natural Stainless Steel <sup>2</sup>	<b>CCC</b>	Custom Finish <sup>2</sup>	<table border="1"> <thead> <tr> <th colspan="2">VOLTAGE</th> <th colspan="2">WATTAGE PER LIGHT</th> </tr> </thead> <tbody> <tr> <td><b>120V</b></td> <td>120V (Phase Control)<sup>1</sup></td> <td><b>04W</b></td> <td>4 Watts (250lm)</td> </tr> <tr> <td><b>UNIV</b></td> <td>120V-277V (0V-10V)</td> <td><b>08W</b></td> <td>8 Watts</td> </tr> <tr> <td></td> <td></td> <td><b>SPW</b></td> <td>Specialty<sup>3</sup></td> </tr> </tbody> </table>	VOLTAGE		WATTAGE PER LIGHT		<b>120V</b>	120V (Phase Control) <sup>1</sup>	<b>04W</b>	4 Watts (250lm)	<b>UNIV</b>	120V-277V (0V-10V)	<b>08W</b>	8 Watts			<b>SPW</b>	Specialty <sup>3</sup>	<table border="1"> <thead> <tr> <th colspan="2">CCT</th> </tr> </thead> <tbody> <tr> <td><b>27</b></td> <td>2700K</td> </tr> <tr> <td><b>30</b></td> <td>3000K</td> </tr> <tr> <td><b>35</b></td> <td>3500K</td> </tr> <tr> <td><b>40</b></td> <td>4000K</td> </tr> <tr> <td><b>AM</b></td> <td>Amber<sup>3</sup></td> </tr> <tr> <td><b>CC</b></td> <td>Custom LED</td> </tr> </tbody> </table>	CCT		<b>27</b>	2700K	<b>30</b>	3000K	<b>35</b>	3500K	<b>40</b>	4000K	<b>AM</b>	Amber <sup>3</sup>	<b>CC</b>	Custom LED
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■ Readymade eligible configurations ship in 2 to 4 weeks

<sup>1</sup> 120V Phase Control Dimming available for 4W version only.

<sup>2</sup> For premium materials, please consult the factory for current lead times and pricing. A minimum order quantity of 10 units is required.

<sup>3</sup> For Specialty AM (Amber LED), select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

## 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)

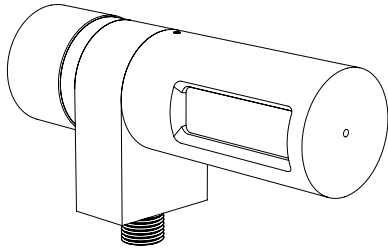
GROUND MOUNT	
<b>MHJB-06-BRZ</b>	6" Stainless Steel 3-Prong Spike (120-277V) Bronze
<b>MHJB-12-BRZ</b>	12" Stainless Steel 3-Prong Spike (120-277V) Bronze
<b>JB-1</b>	Brass In-ground Junction Box
CANOPY MOUNT	
<b>CM1-XXX</b>	3.75" Square Canopy Plate
<b>CM3-XXX</b>	4.75" Square Canopy Plate
<b>CM5-XXX</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>EXF-12-XXX</b>	ZFL 12" Extension
<b>EXF-24-XXX</b>	ZFL 24" Extension

### ADDITIONAL GLARE SHIELD ACCESSORIES

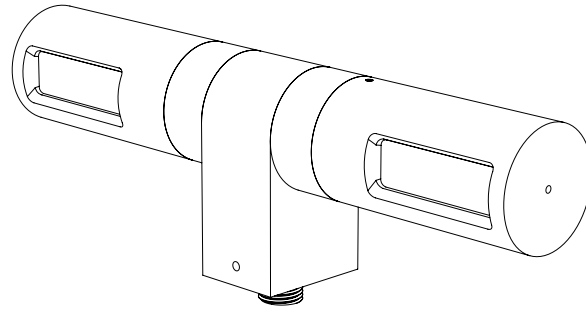
<b>BD-ZFL16-XXX</b>	Barndoor Glare Shields
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- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.

**PRODUCT DRAWINGS**

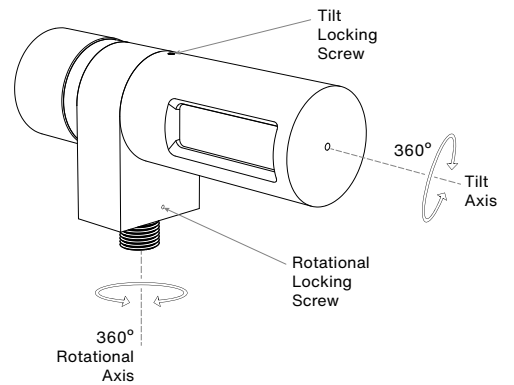
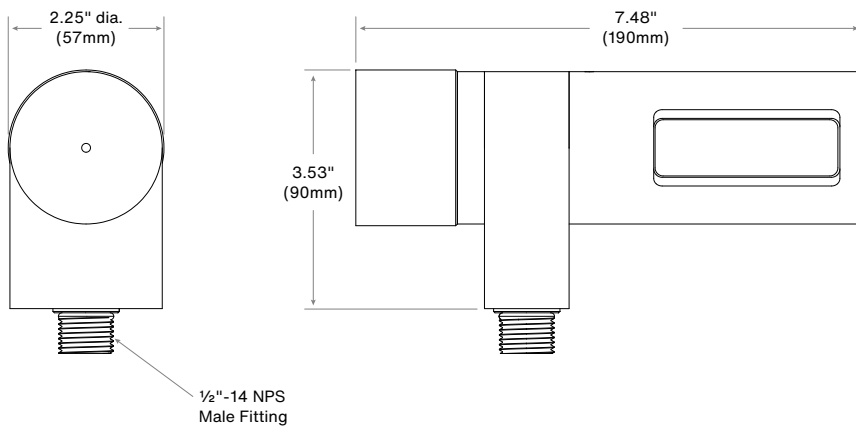


**ZFL16-IR1**  
Single

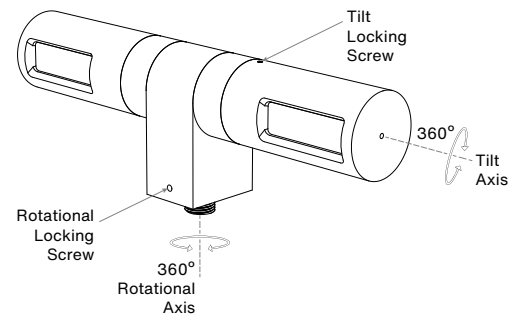
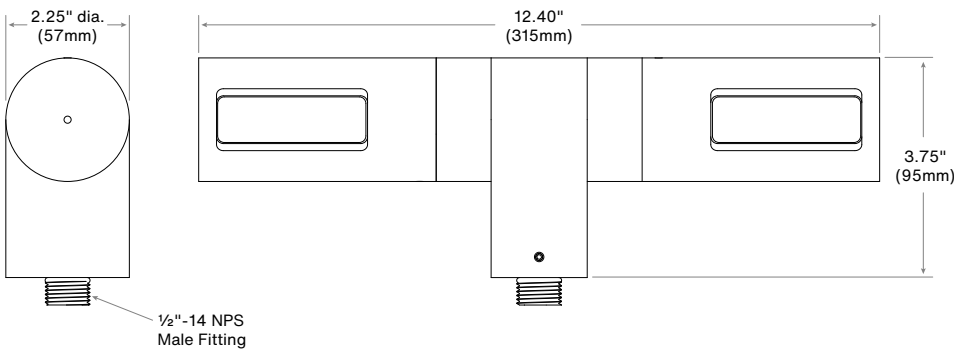


**ZFL16-IR2**  
Double

**ZFL16-IR1**

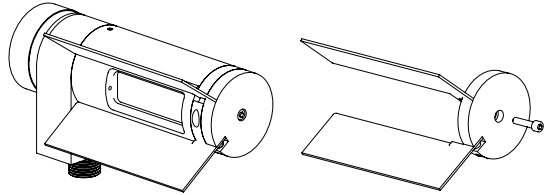
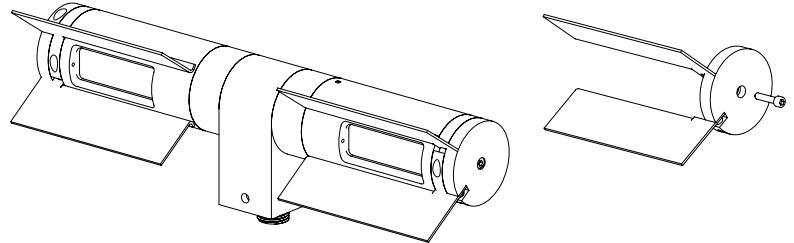


**ZFL16-IR2**



## OPTIONS & ACCESSORIES

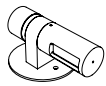
### OPTIONAL GLARE SHIELD

 Barn Door For ZFL16 Series-Single  
Fastened With Set Screw

 Barn Door For ZFL16 Series-Double  
Fastened With Set Screw


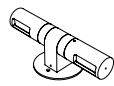
### MOUNTING ACCESSORIES

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

#### Canopy Mount:



Fixture On CM5



Double On CM5


**CM1**

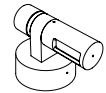
**CM3**

**CM5**

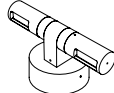
**CM5-2**


CM2

#### Surface Mount Box:



Fixture On CB5.5



Double On CB5.5


**CMLJ**

**CB4.0**

**CB5.5**

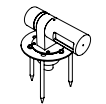
**CB5.5-K/O**

**CB5.1**

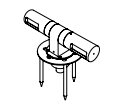
**CB4.0-SQ**

**CB3.5**

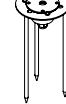
#### Ground Mount:



Fixture On MHJB

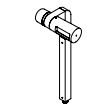


Double On MHJB

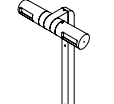

**MHJB-06**

**MHJB-12**

**JB-1**

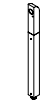
#### Extension:




Fixture With EXF



Double With EXF



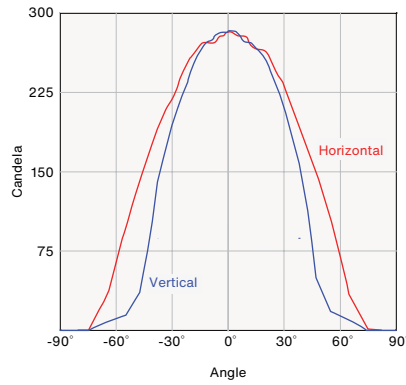
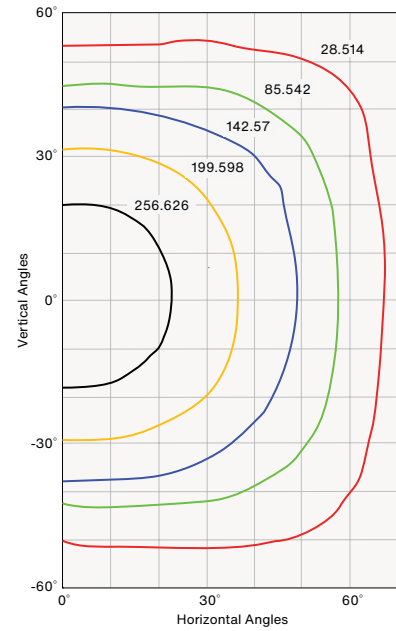
EXF

 Readymade eligible configurations ship in 2 to 4 weeks.

#### Notes:

**PHOTOMETRY & ENERGY DATA**
**ZFL16-I**

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