

ZFL16

(includes former ZXLF model)

FLOOD & WALL WASH | ZFL16 Series | 2.25"

4 - 8W (250 - 500LM) | 12V | HK LED, Amber



IP67

FEATURES

- Strong 12V LED round flood light for wall wash, landscape, hardscape, and signage illumination, available in single and double light configurations.
- 4W, 8W integrated HK LED delivering 250 - 500 lumens per light. 2700 - 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.
- Readymade eligible configurations ship in 2 to 4 weeks, complete with selected accessories installed.



Low Voltage Round Flood Light: ZFL16-0R1



Low Voltage Double Round Flood Light: ZFL16-0R2

SPECIFICATIONS

Materials

Solid billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware.

Finish

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.

Optional Barn Door Style Glare Shield

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

Voltage

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

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.

Dimming

MLV or ELV Phase Control dimming.

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: ZFL16-0R1-ABL-012V08W-30-BD-MH02-06-BRZ

MODEL	PHYSICAL OPTIONS	MATERIAL /FINISH	POWER	LIGHT
ZFL16			012V	
ZFL16 Series Round Flood Light Integrated HK LED	OR1 Low Voltage, Round Single Light OR2 Low Voltage, Round Double Light	ABL Aluminum Black ABR Aluminum Bronze AWH Aluminum White AAC Aluminum Anodized Clear ¹ NBR Natural Brass ¹ NCU Natural Copper ¹ NSS Natural Stainless Steel ¹ CCC Custom Finish ¹	VOLTAGE 012V 12V AC	WATTAGE 04W 4 Watts (200lm) 08W 8 Watts (400lm) SPW Specialty ² CCT 27 2700K 30 3000K 35 3500K 40 4000K AM Amber ² CC Custom LED

Readymade eligible configurations ship in 2 to 4 weeks.

¹ Consult factory for specialty finish quoting and lead times.

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

³ Due to the weight of the product, not recommended for use in soft soil.

OPTIONAL INSTALLED ACCESSORIES

GLARE SHIELD ACCESSORIES	MOUNTING (Most common listed, see Page 4 for additional options)	ADDITIONAL GLARE SHIELD ACCESSORIES
BD Barn Door Glare Shields	GROUND MOUNT MHCS-06 6" PVC Single Prong Spike (12V) ³ MHCS-12 12" PVC Single Prong Spike (12V) ³ MH02-06-BRZ 6" Stainless Steel 3-Prong Spike (12V) Bronze MH02-12-BRZ 12" Stainless Steel 3-Prong Spike (12V) Bronze JB-1 Brass In-ground Junction Box CANOPY MOUNT CM1-XXX 3.75" Square Canopy Plate CM3-XXX 4.75" Square Canopy Plate CM5-XXX 5" Round Canopy Plate CM5-2-XXX 5" Round Canopy Plate - Double SURFACE MOUNT CMLJ-XXX 2.7" Round Surface Box CB4.0-XXX 4" Round Surface Box CB5.5-XXX 5.5" Round Surface Box EXTENSIONS EXF-12-XXX ZFL 12" Extension EXF-24-XXX ZFL 24" Extension	BD-ZFL16-XXX Barn Door Glare Shield

• 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.

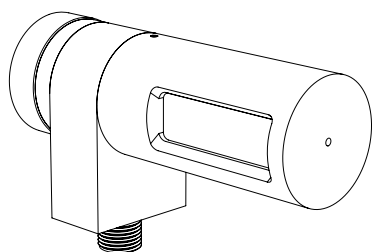
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

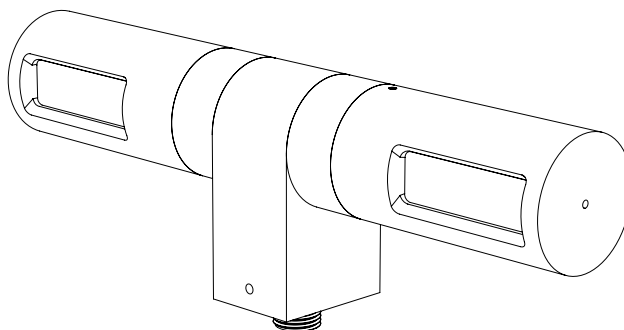
EXAMPLE: TXM-20-120

MODEL	WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM Compact, damp location magnetic transformer 12VAC Output MLV Dimming	20, 40, 60, 100, 150, 300	120, 277
TXM Stainless steel, wet location outdoor magnetic transformer with integrated light sensor Multitap 12VAC Output MLV Dimming	300	OTR-SS (120V Only)
TXS Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	150, 300, 600	SS (120V Only)
IGT In-grade outdoor magnetic transformer 12VAC Output MLV Dimming	50 (120V Only), 100, 300, 600	120, 277
TXE In-fixture or near mounted electronic transformer 12VAC Output ELV Dimming Enclosure by others	60	120, 230, 277

PRODUCT DRAWINGS

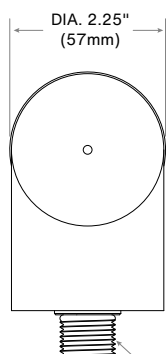


ZFL16-OR1
Single

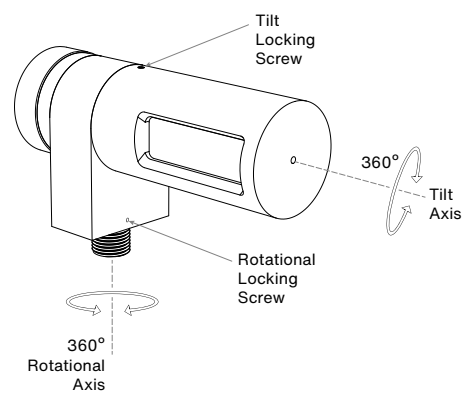
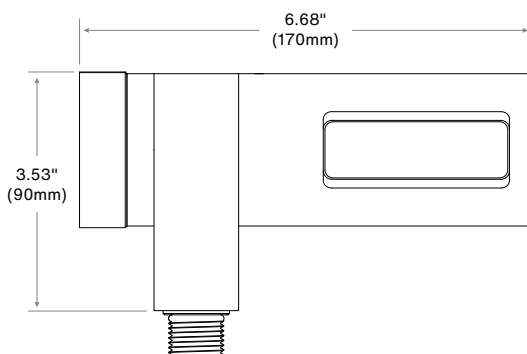


ZFL16-OR2
Double

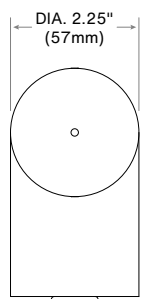
ZFL16-OR1



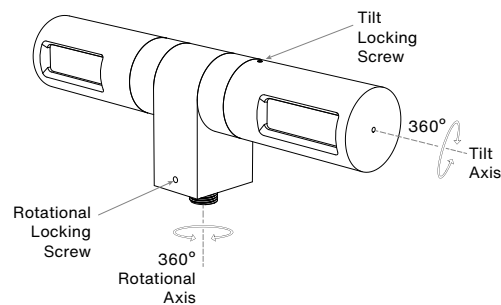
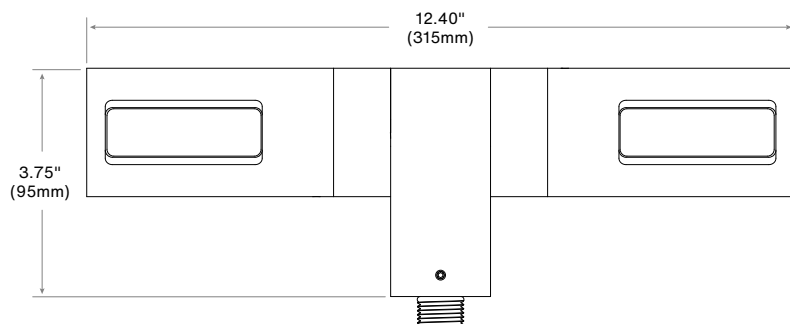
1/2"-14 NPS
Male Fitting



ZFL16-OR2



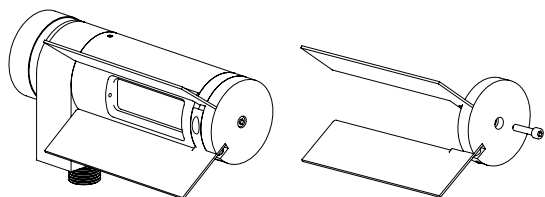
1/2"-14 NPS
Male Fitting



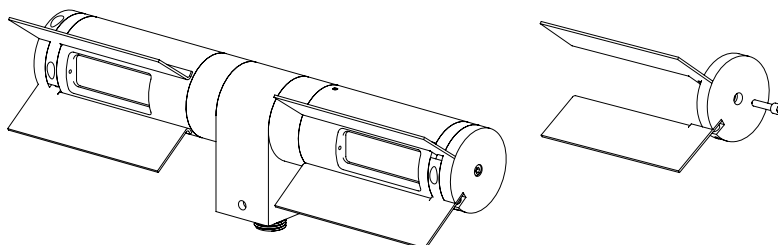
OPTIONS & ACCESSORIES

OPTIONAL GLARE SHIELD

Barn Door For ZFL16 Series-Single
Fastened With Set Screw



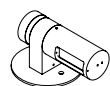
Barn Door For ZFL16 Series-Double
Fastened With Set Screw



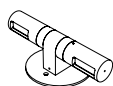
MOUNTING ACCESSORIES

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

Canopy Mount:



Fixture On CM5



Double On CM5



CM1



CM3



CM5

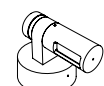


CM5-2

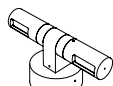


CM2

Surface Mount Box:



Fixture On CB5.5



Double On CB5.5



CMLJ



CB4.0



CB5.5



CB5.5-K/O



CB5.1

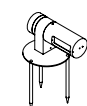


CB4.0-SQ

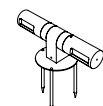


CB3.5

Ground Mount:



Fixture On MH02



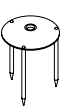
Double On MH02



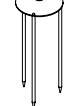
MHCS



JB-1



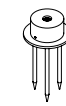
MH02-06



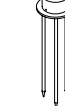
MH02-12



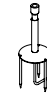
MH05



MH02-T-06



MH02-T-12



MHVL6-12

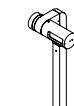


MHVL12-24

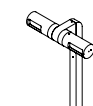


MH01

Extension:




Fixture With EXF



Double With EXF



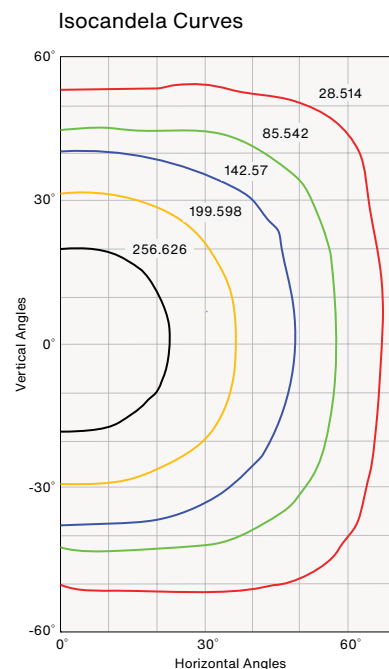
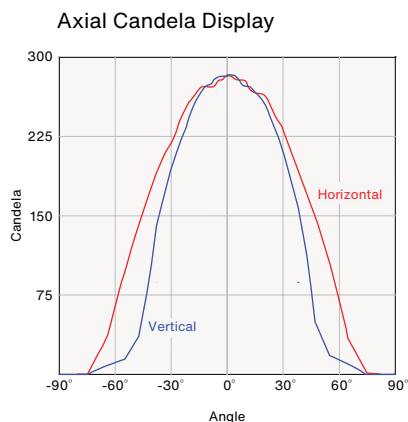
EXF

 Readymade eligible configurations ship in 2 to 4 weeks.

Notes:

PHOTOMETRY & ENERGY DATA (Per Head)
ZFL16

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



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