

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

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

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

Readymade eligible configurations ship in 2 to 4 weeks.

¹ Consult factory for specialty finish quoting

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

BD	Barn Door Glare Shields
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MOUNTING (Most common listed, see Page 4 for additional options)

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

• 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.

ADDITIONAL GLARE SHIELD ACCESSORIES

BD-ZFL16-XXX	Barn Door Glare Shield
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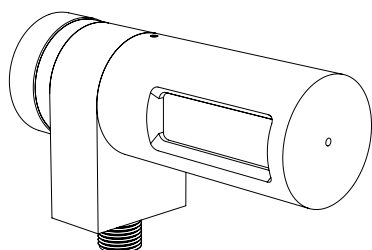
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

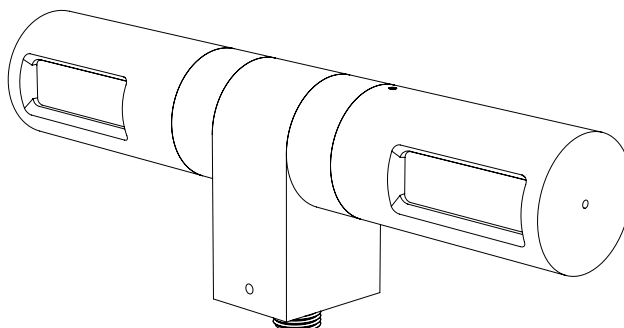
EXAMPLE: TXS-150-SS

MODEL	WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM Stainless steel, wet location outdoor magnetic transformer 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)
TXM Compact, damp location magnetic transformer 12VAC Output MLV Dimming	20 40 60 100 150 300	120 277
IGT In ground 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	120 277

PRODUCT DRAWINGS

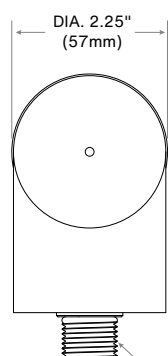


ZFL16-OR1
Single

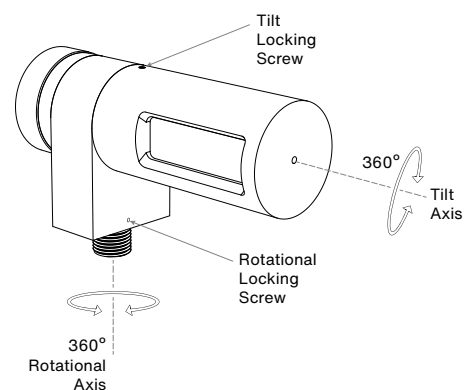
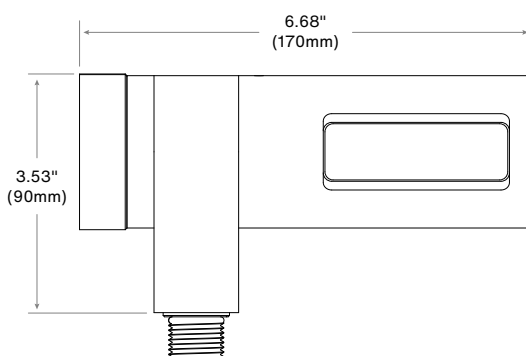


ZFL16-OR2
Double

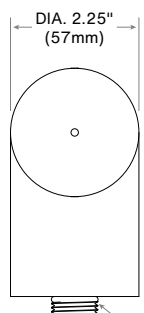
ZFL16-OR1



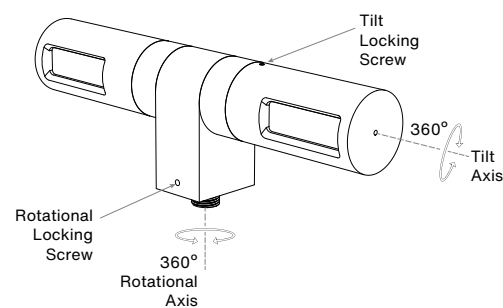
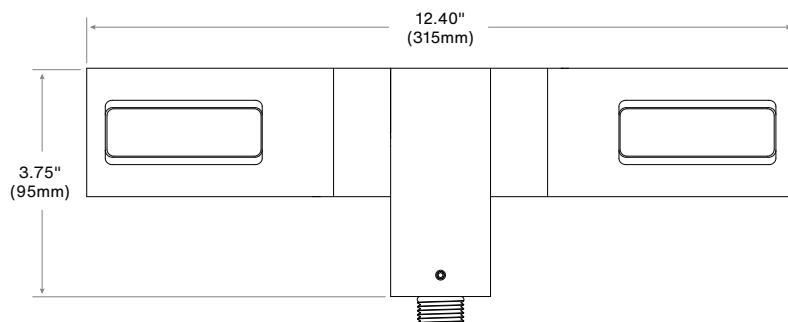
1/2"-14 NPS
Male Fitting



ZFL16-OR2



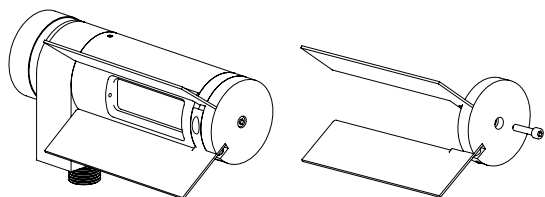
1/2"-14 NPS
Male Fitting



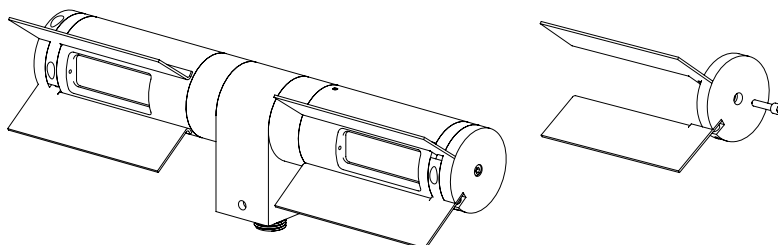
OPTIONS & ACCESSORIES

OPTIONAL GLARE SHIELD

Barn Door For ZFL16 Series-Single
Fastened With Set Screw



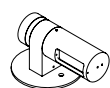
Barn Door For ZFL16 Series-Double
Fastened With Set Screw



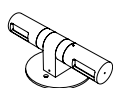
MOUNTING ACCESSORIES

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

Canopy Mount:



Fixture On CM5



Double On CM5



CM1



CM3



CM5

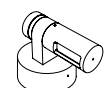


CM5-2

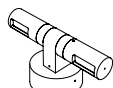


CM2

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

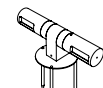


CB3.5

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

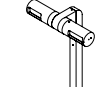


MH01

Extension:



Fixture With EXF



Double With EXF



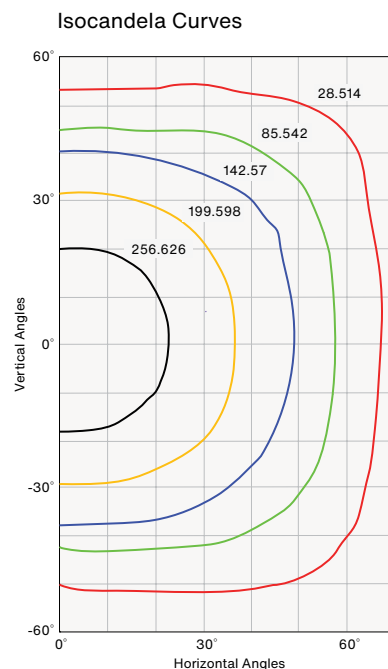
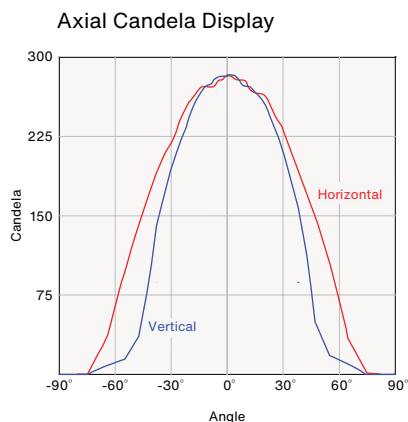
EXF

 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