

ZXL16-I FIT

(includes former ZXL16i-FIT model)

ACCENT & LANDSCAPE | ZX16 Series | 2.8"

20W (2000LM) | 120 - 277V | HK LED

**IP67**

Standard Line Voltage Accent: ZXL16-IF1SF-ABL

FEATURES

- Powerful and cost-effective, directional 120-277V LED modern accent light for commercial and large residential environments.
- 20W integrated HK LED delivering 2000 lumens 2700-4000K CCT.
- 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.
- 180° vertical and 360° horizontal adjustment via locking swivel stem design.
- Modular components, field changeable LED optical beams, and lenses.
- Available with adjustable Angled, Long, and Short Glare Shields and 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 304 stainless steel hardware.	Voltage 120-277V AC.	Optics Narrow (19°), Medium (33°), Wide (46°) beam spread options available. Accepts up to 3 optical accessories (hexcel louver, optical lenses, dichroic color filters, etc.) Secured place with metal snap ring.
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.	Wattage 20W HK LED delivering 2000 lumens.	Mounting Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices.
Glare Shield Oversized FIT Style Hood with included Angled or Long Glare Shield.	Light Engine Innovative HK LED Light module operates like a lamp and can be easily changed in the field. CRI 90 Standard. Available in CRI 80 or CRI 95 upon request. Standard CCT options are 2700K, 3000K, 3500K, 4000K.	Listings ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.
	Dimming/ Driver Onboard, Integrated LED Driver Phase Control @ 120V 0-10V @ 120-277V	

ORDERING GUIDE

EXAMPLE: ZXL16-IF1SF-ABL-120V20W-27N-GSA-LVR-MHJB-06-BRZ

MODEL	PHYSICAL OPTIONS			MATERIAL / FINISH		POWER		LIGHT	
ZXL16	IF1	S	F			20W			
ZXL16 Series 2.8" Accent Light Integrated HK LED	TYPE	STYLE	HOOD	ABL Aluminum Black	VOLTAGE	WATTAGE		CCT	OPTICS
	IF1 Line Voltage, FIT Accent Integrated Driver	S Standard	F F Hood: Weeping FIT Cooling Hood	ABR Aluminum Bronze	120V 120V (Phase Control)	20W 20 Watts (2000lm) ²		27 2700K	N Narrow (19°)
				AWH Aluminum White	UNIV 120-277V (0-10V)			30 3000K	M Medium (33°)
				AAC Aluminum Anodized Clear ¹				35 3500K	W Wide (46°)
				CCC Custom Finish ¹				40 4000K	CC Custom Optic

Readymade eligible configurations ship in 2 to 4 weeks.

¹ Consult factory for specialty finish quoting and lead times

OPTIONAL INSTALLED ACCESSORIES

GLARE SHIELD (Included for FIT Series)

GSA	Glare Shield Angled
GSL	Glare Shield Long

OPTIC

LVR	Hexcel Louver
OSL	Overall Spread Lens
LSL	Linear Spread Lens
SOL	Solite Soft Focus
DCF	Dichroic Filter

MOUNTING (Most common listed, see Page 4 for additional options)

GROUND MOUNT	
MHJB-06-BRZ	6" Stainless Steel 3-Prong Spike (120-277V) Bronze
MHJB-12-BRZ	12" Stainless Steel 3-Prong Spike (120-277V) 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	
CB4.0-XXX	4" Round Surface Box
CB5.5-XXX	5.5" Round Surface Box
TREE MOUNT	
TM07-JBS-XXX	Single Aluminum Tree Mount Box with Stainless Steel Strap (120V)
TM07-JBT-XXX	Twin Aluminum Tree Mount Box with Stainless Steel Strap (120V)
EXTENSIONS	
EX-12-XXX	12" Extension
EX-24-XXX	24" Extension
EL-XXX	Elbow Extension

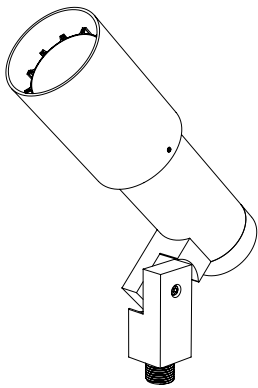
- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.

ADDITIONAL ACCESSORIES (Not installed at time of order)

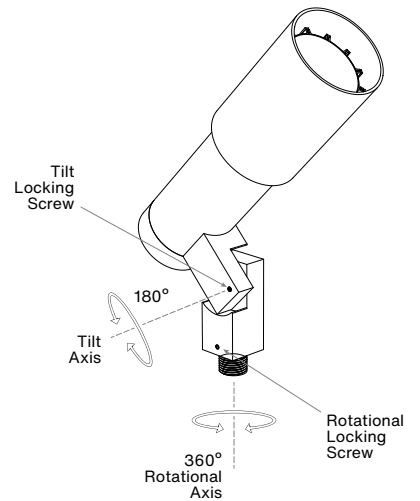
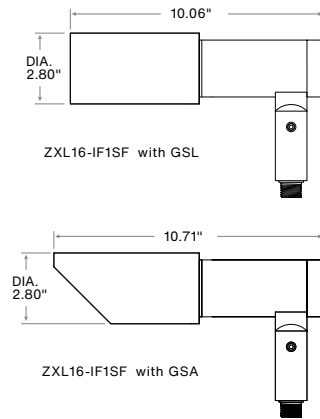
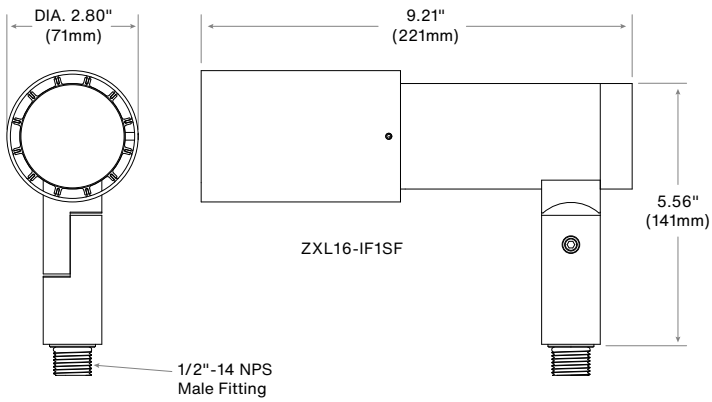
OPTIC ACCESSORIES

LVR-16	Hexcel Louver
OSL-16	Overall Spread Lens
LSL-16	Linear Spread Lens
SOL-16	Solite Soft Focus
DCF-16	Dichroic Filter
OPK-16	Optic Kit - Narrow, Medium, Wide

PRODUCT DRAWINGS



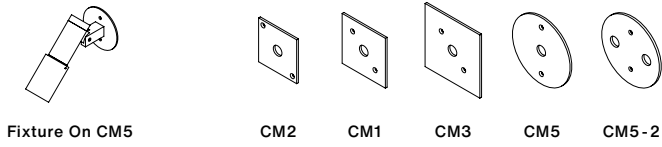
ZXL16-IF1SF



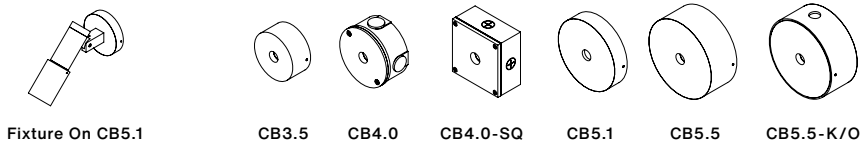
OPTIONS & ACCESSORIES

MOUNTING ACCESSORIES

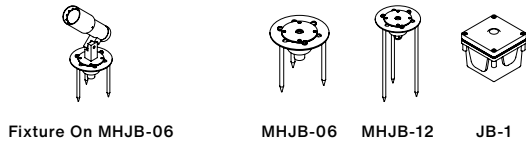
Canopy Mount:



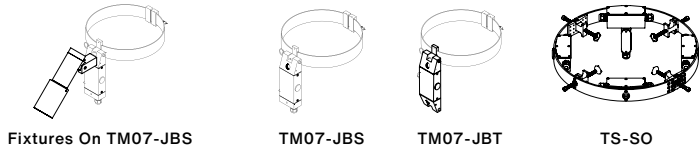
Surface Mount Box:



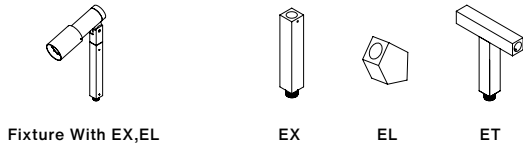
Ground Mount:



Tree Mount:



Extension:



Sign Light Arm: Please reference the Sign & Pole Mounting section in [Accessories](#) on our website.

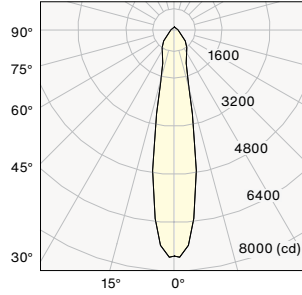
Notes:

PHOTOMETRY & ENERGY DATA

ZXL16-I-FIT-20W-N (Narrow)

Input Power	20.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	19.1°
Max. Candlepower	7567cd
Delivered Lumens	1965lm
Efficacy	98lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

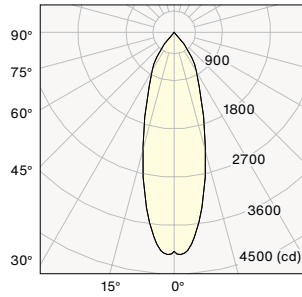
Center Beam (fc)	Beam Diameter	Distance
1892	0.7'	2.0'
473	1.3'	4.0'
210	2.0'	6.0'
118	2.7'	8.0'
76	3.4'	10.0'

1/2 Beam Angle: 19.1°

ZXL16-I-FIT-20W-M (Medium)

Input Power	19.9W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	32.5°
Max. Candlepower	4119cd
Delivered Lumens	1901lm
Efficacy	96lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

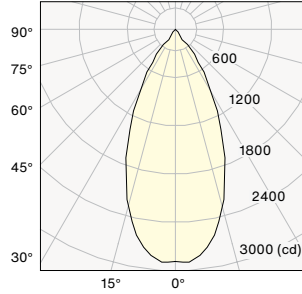
Center Beam (fc)	Beam Diameter	Distance
1030	1.2'	2.0'
257	2.3'	4.0'
114	3.5'	6.0'
64	4.7'	8.0'
41	5.8'	10.0'

1/2 Beam Angle: 32.5°

ZXL16-I-FIT-20W-W (Wide)

Input Power	19.9W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	45.9°
Max. Candlepower	2913cd
Delivered Lumens	1899lm
Efficacy	95lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
728	1.7'	2.0'
182	3.4'	4.0'
81	5.1'	6.0'
46	6.8'	8.0'
29	8.5'	10.0'

1/2 Beam Angle: 45.5°

CCT MULTIPLIER

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