

# ZXL16-I FIT

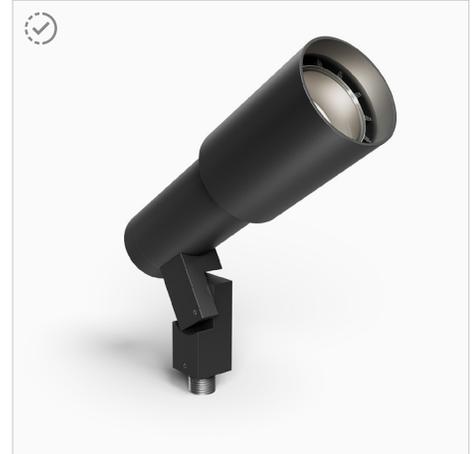
(includes former ZXL16i-FIT model)

ACCENT & LANDSCAPE | ZX16 Series | 2.8"

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



IP67



Standard Line Voltage Accent: ZXL16-IF1SF-ABL

## FEATURES

- Powerful and cost-effective, directional 120V - 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.

### 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.

### Glare Shield

Oversized FIT Style Hood with included Angled or Long Glare Shield.

### Voltage

120V - 277V AC.

### Wattage

20W HK LED delivering 2000 lumens.

### 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.

### Dimming/ Driver

Onboard, Integrated LED Driver  
Phase Control @120V  
0V - 10V @120V- 277V

### 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.

### Mounting

Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices.

### Listings

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

## ORDERING GUIDE

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

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

Readymade eligible configurations ship in 2 to 4 weeks.

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

## OPTIONAL INSTALLED ACCESSORIES

### GLARE SHIELD (Included for FIT Series)

<b>GSA</b>	Glare Shield Angled
<b>GSL</b>	Glare Shield Long

### OPTIC

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

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

<b>GROUND MOUNT</b>	
<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
<b>CANOPY MOUNT</b>	
<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
<b>SURFACE MOUNT</b>	
<b>CB4.0-XXX</b>	4" Round Surface Box
<b>CB5.5-XXX</b>	5.5" Round Surface Box
<b>TREE MOUNT</b>	
<b>TM07-JBS-XXX</b>	Single Aluminum Tree Mount Box with Stainless Steel Strap (120V)
<b>TM07-JBT-XXX</b>	Twin Aluminum Tree Mount Box with Stainless Steel Strap (120V)
<b>EXTENSIONS</b>	
<b>EX-12-XXX</b>	12" Extension
<b>EX-24-XXX</b>	24" Extension
<b>EL-XXX</b>	Elbow Extension

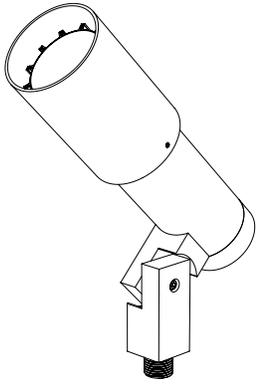
- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.

## ADDITIONAL ACCESSORIES (Not installed at time of order)

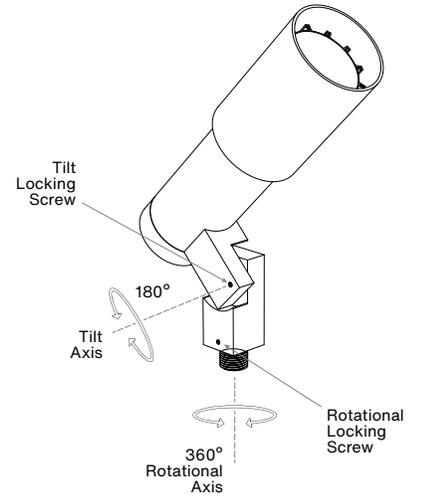
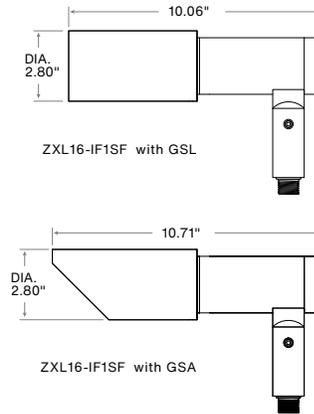
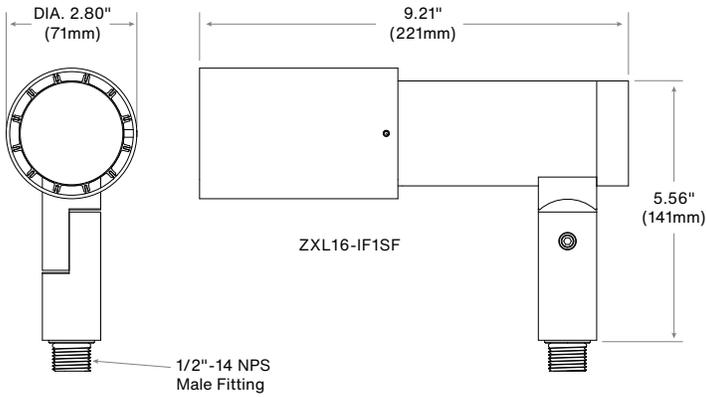
### OPTIC ACCESSORIES

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

**PRODUCT DRAWINGS**



**ZXL16-IF1SF**



## OPTIONS & ACCESSORIES

### MOUNTING ACCESSORIES

#### Canopy Mount:



Fixture On CM5



CM1



CM3



CM5



CM5-2



CM2

#### Surface Mount Box:



Fixture On CB5.1



CB4.0



CB5.5



CB3.5



CB4.0-SQ



CB5.1



CB5.5-2K

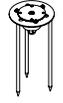
#### Ground Mount:



Fixture On MHJB-06



MHJB-06

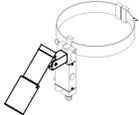


MHJB-12



JB-1

#### Tree Mount:



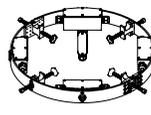
Fixture On TM07-JBS



TM07-JBS



TM07-JBT



TS-SO

#### Extension:



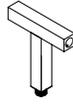
Fixture With EX



EX



EL



ET

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

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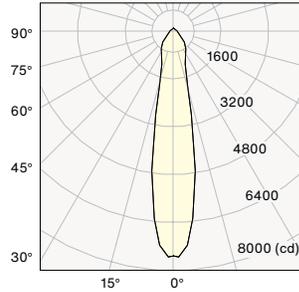
#### Notes:

## PHOTOMETRY & ENERGY DATA

### ZXL16-I FIT (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

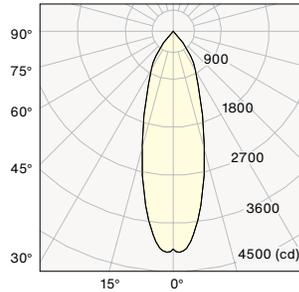
Center Beam (fc)	Beam Diameter	Distance
1892	0.7'	2.0'
473	1.3'	4.0'
210	2.0'	6.0'
118	2.7'	8.0'
76	3.4'	10.0'

1/2 Beam Angle: 19.1°

### ZXL16-I FIT (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

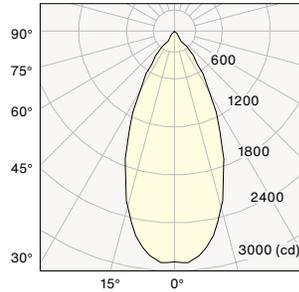
Center Beam (fc)	Beam Diameter	Distance
1030	1.2'	2.0'
257	2.3'	4.0'
114	3.5'	6.0'
64	4.7'	8.0'
41	5.8'	10.0'

1/2 Beam Angle: 32.5°

### ZXL16-I FIT (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