

ZXL16-I FIT

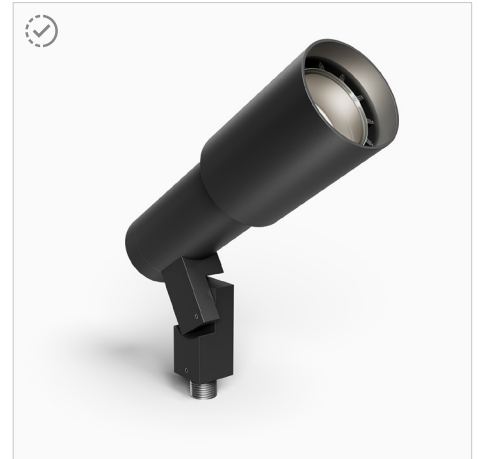
(includes former ZXL16i-FIT model)

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	
ZXL16	IF1	S	F			20W			
ZX16 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 120V-277V (0V-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)		OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)	
GSA	Glare Shield Angled	LVR	GROUND MOUNT	
GSL	Glare Shield Long	OSL	MHJB-06-BRZ	6" Stainless Steel 3-Prong Spike (120-277V) Bronze
		LSL	MHJB-12-BRZ	12" Stainless Steel 3-Prong Spike (120-277V) Bronze
		SOL	JB-1	Brass In-ground Junction Box
		DCF	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

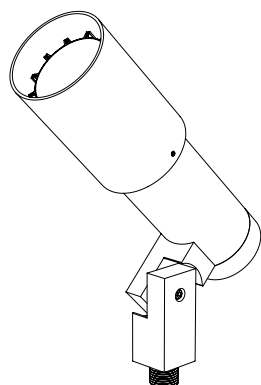
- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.

ADDITIONAL ACCESSORIES (Not installed at time of order)

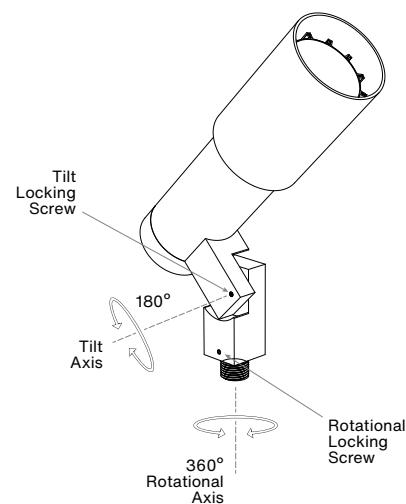
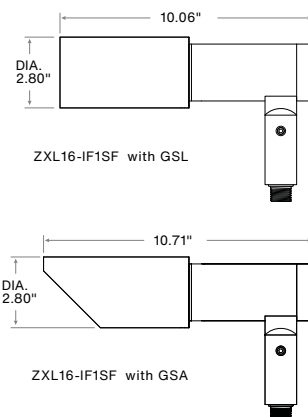
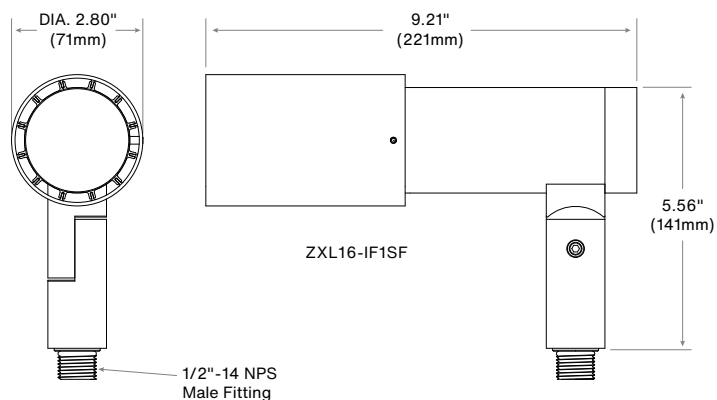
OPTIC ACCESSORIES

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



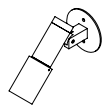
ZXL16-IF1SF



OPTIONS & ACCESSORIES

MOUNTING ACCESSORIES

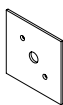
Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

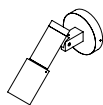


CM5-2



CM2

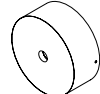
Surface Mount Box:



Fixture On CB5.1



CB4.0



CB5.5



CB3.5



CB4.0-SQ



CB5.1



CB5.5-2K

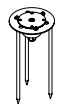
Ground Mount:



Fixture On MHJB-06



MHJB-06

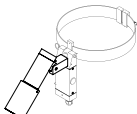


MHJB-12

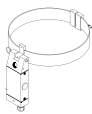


JB-1

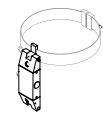
Tree Mount:



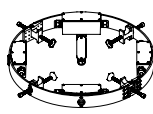
Fixture On TM07-JBS



TM07-JBS

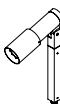


TM07-JBT



TS-SO

Extension:



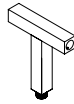
Fixture With EX



EX




EL



ET

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

 Readymade eligible configurations ship in 2 to 4 weeks.

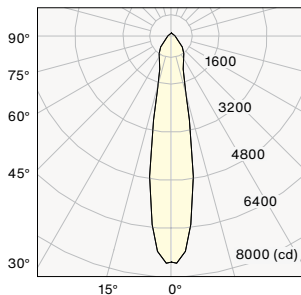
Notes:

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

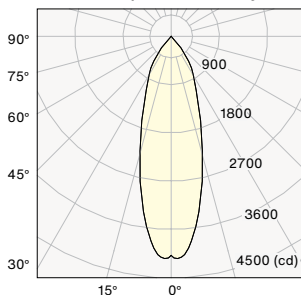
Center Beam (fc)	Beam Diameter	Distance
1892	0.7'	2.0'
473	1.3'	4.0'
210	2.0'	6.0'
118	2.7'	8.0'
76	3.4'	10.0'

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

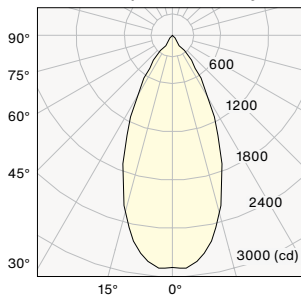
Center Beam (fc)	Beam Diameter	Distance
1030	1.2'	2.0'
257	2.3'	4.0'
114	3.5'	6.0'
64	4.7'	8.0'
41	5.8'	10.0'

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