

ZXL16-I

(includes former ZXL16i model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25"

5 - 14W (400 - 1400lm) | 120V - 277V | HK LED, RGBW, Amber



IP67



Standard Line Voltage Accent: ZXL16I-IR1SA-ABL

FEATURES

- Versatile round, directional 120V-277V LED modern accent light for commercial and large residential architectural outdoor and landscape lighting environments.
- 5W, 7W, 10W, 14W integrated HK LED delivering 400-1400 lumens 2200-4000K CCT, including specialty Amber and RGBW options.
- 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.

Hood and Glare Shield

Weeping and Non-weeping Hood Styles. Set screw or threaded Angled, Short, or Long Glare Shields. (See page 4 for details).

Voltage

120V - 277V AC

Wattage

5, 7, 10 or 14W HK LED delivers 400 - 1400 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. Specialty 2200K, 2400K, 2500K, Amber, and RGBW options available. Consult factory for specialty LED specification details.

Driver/ Dimming

Onboard, Integrated LED Driver Phase Control @120V, 0V-10V @120V-277V, DALI or DMX control available, consult factory for details.

Optics

Narrow (20°), Medium (33°), Wide (44°), and Extra Wide (57°) 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 mounting accessories. (See page 4 for details).

Listings

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

ORDERING GUIDE

EXAMPLE: ZXL16-IR1SA-ABL-120V05W-27N-GSA-LVR-MHJB-06-BRZ

MODEL	PHYSICAL OPTIONS				MATERIAL / FINISH		POWER		LIGHT	
ZXL16	IR1									
ZX16 Series 2.25" Accent Light Integrated HK LED	IR1 Line Voltage, Round Accent Integrated Driver				ABL Aluminum Black					
		STYLE	HOOD		ABR Aluminum Bronze		VOLTAGE	WATTAGE	CCT	OPTICS
		S Standard	A A Style: Weeping		AWH Aluminum White		120V 120V (Phase Control)	05W 5 Watt (400lm)	22 2200K	N Narrow (20°)
		F Finned	B B Style: No Weep Holes		AAC Aluminum Anodized Clear ¹		UNIV 120V-277V (0V-10V)	07W 7 Watt (700lm)	24 2400K	M Medium (33°)
			C C Style: Threaded, Weeping		NBR Natural Brass ¹			10W 10 Watt (1000m)	25 2500K	W Wide (44°)
					NCU Natural Copper ¹			14W 14 Watt (1400lm)	27 2700K	E Extra Wide (57°)
					NSS Natural Stainless Steel ¹			SPW Specialty ²	30 3000K	CC Custom Optic
					CCC Custom Finish ¹				35 3500K	
									40 4000K	
									AM Amber ²	
									RG RGBW ²	

■ 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) and RG (RGBW LED), select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

OPTIONAL INSTALLED ACCESSORIES

GLARE SHIELD	OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)
GSA A/B Glare Shield Angled	LVR Hexcel Louver	GROUND MOUNT
GSL A/B Glare Shield Long	OSL Overall Spread Lens	MHJB-06-BRZ 6" Stainless Steel 3-Prong Spike (120-277V) Bronze
GSS A/B Glare Shield Short	LSL Linear Spread Lens	MHJB-12-BRZ 12" Stainless Steel 3-Prong Spike (120-277V) Bronze
CGSA C Glare Shield Angled	SOL Solite Soft Focus	JB-1 Brass In-ground Junction Box
CGSL C Glare Shield Long	DCF Dichroic Filter	CANOPY MOUNT
CGSS C Glare Shield Short		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)

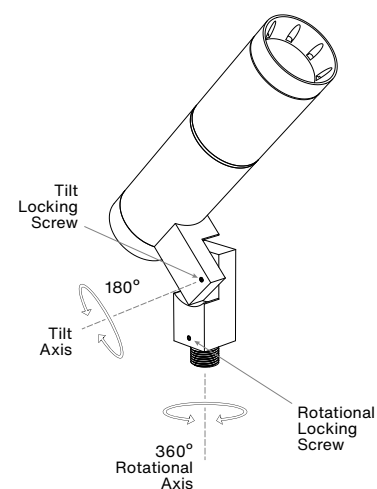
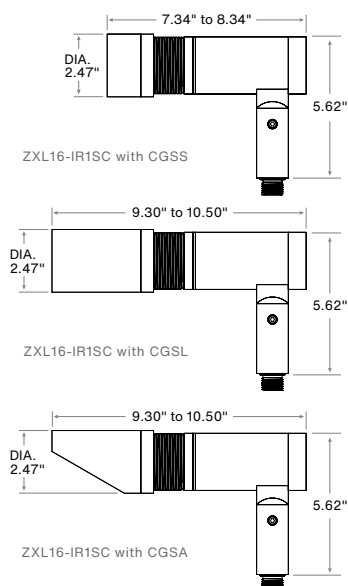
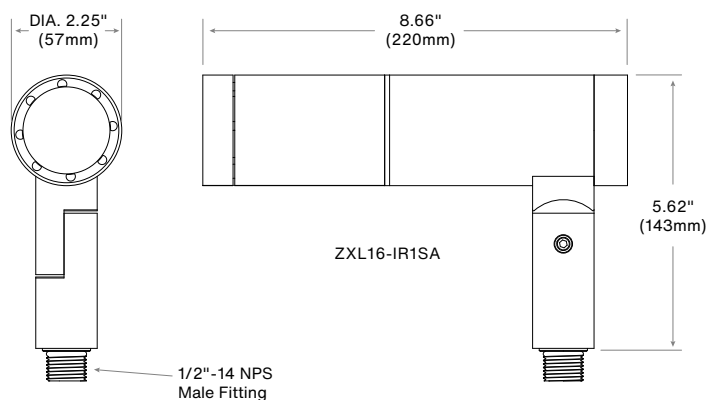
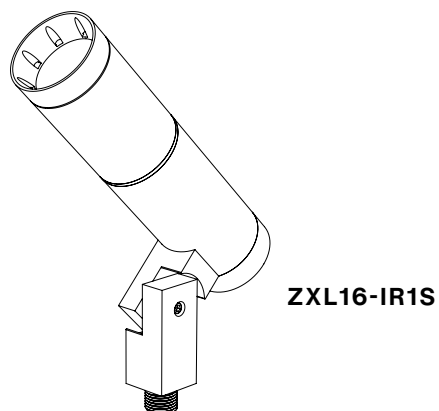
GLARE SHIELD ACCESSORIES

GSL-16-XXX	A/B Glare Shield Long
GSA-16-XXX	A/B Glare Shield Angled
GSS-16-XXX	A/B Glare Shield Short
CGSL-16-XXX	C Glare Shield Long
CGSA-16-XXX	C Glare Shield Angled
CGSS-16-XXX	C Glare Shield Short

OPTIC ACCESSORIES

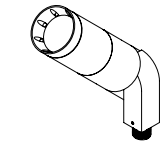
LVR-16	Hexcel Louver
OSL-16	Overall Spread Lens
LSL-16	Linear Spread Lens
SOL-16	Solite Soft Focus
DCF-16	Dichroic Filter
OPK-16	Optic Kit - Narrow, Medium, Wide, Extra Wide

PRODUCT DRAWINGS



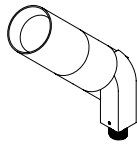
OPTIONS & ACCESSORIES

HOOD OPTIONS



A HOOD

Versatile hood with 8 weep holes for water drainage. Regressed lens for glare control. Suggested for general use or when fixture is aimed in an up position.



B HOOD

Similar to A hood but without weep holes. Regressed lens for glare control. Suggested for downlighting and interior applications.



C HOOD

Designed for permanent use with a glare shield and innovative drainage design for water and debris. The machined threads enable ongoing glare shield adjustment, without impact to the paint surface.

OPTIONAL GLARE SHIELD

For use with A & B Hood, fastened with Set Screw



GSA
(angle)



GSL
(long)



GSS
(short)



For use with C Hood, fastened with Locking Ring



CGSA
(angle)



CGSL
(long)

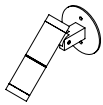


CGSS
(short)



MOUNTING ACCESSORIES

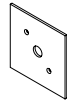
Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

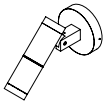


CM5-2



CM2

Surface Mount Box:



Fixture On CB5.1



CB4.0



CB5.5



CB3.5



CB4.0-SQ



CB5.1

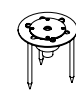


CB5.5-2K

Ground Mount:



Fixture On MHJB-06



MHJB-06

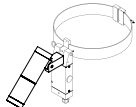


MHJB-12

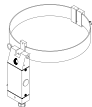


JB-1

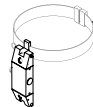
Tree Mount:



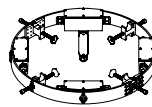
Fixture On TM07-JBS



TM07-JBS



TM07-JBT



TS-SO

Extension:



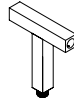
Fixture With EX



EX



EL



ET

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

Ready-made eligible configurations ship in 2 to 4 weeks.

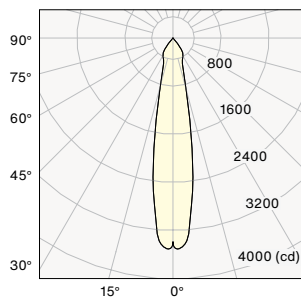
Notes:

PHOTOMETRY & ENERGY DATA

ZXL16-I (Narrow)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	20.5°
Max. Candlepower	3507cd
Delivered Lumens	864lm
Efficacy	91lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

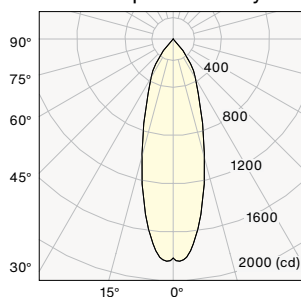
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

ZXL16-I (Medium)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	32.5°
Max. Candlepower	1842cd
Delivered Lumens	863lm
Efficacy	91lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

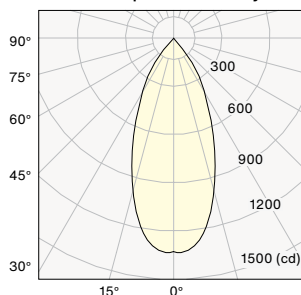
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

ZXL16-I (Wide)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	44.1°
Max. Candlepower	1332cd
Delivered Lumens	850lm
Efficacy	89lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

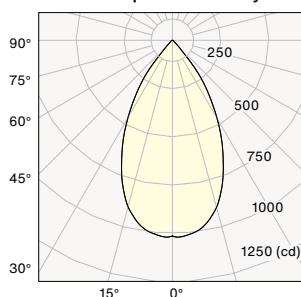
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

ZXL16-I (Extra Wide)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	56.9°
Max. Candlepower	1019cd
Delivered Lumens	876lm
Efficacy	92lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
255	2.3'	2.0'
64	4.6'	4.0'
28	6.9'	6.0'
16	9.2'	8.0'
10	11.5'	10.0'

1/2 Beam Angle: 56.9°

WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.45
7 Watt	0.80
10 Watt	1.14
14 Watt	1.56
AMBER 10W	0.73

CCT MULTIPLIER

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