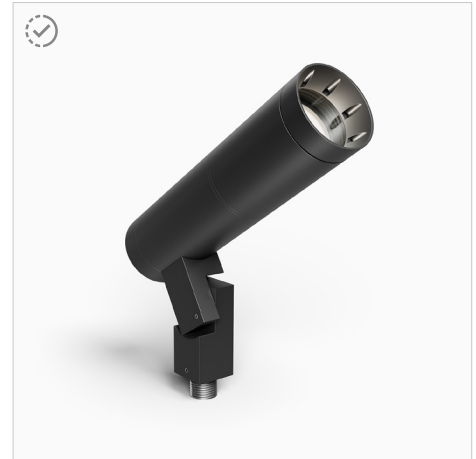


ZXL16-I

(includes former ZXL16i model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25" dia.
 5 - 14W (400 - 1400lm) | 120V - 277V | HK LED, RGBW, Amber



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

<p>Materials Solid billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware.</p> <p>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.</p> <p>Hood and Glare Shield Weeping and Non-weeping Hood Styles. Set screw or threaded Angled, Short, or Long Glare Shields. <i>(See page 4 for details)</i></p> <p>Voltage 120V - 277V AC</p>	<p>Wattage 5, 7, 10 or 14W HK LED delivers 400 - 1400 lumens.</p> <p>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.</p> <p>Driver/ Dimming Onboard, Integrated LED Driver Phase Control @120V, 0V-10V @120V-277V, DALI or DMX control available, consult factory for details.</p>	<p>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.</p> <p>Mounting Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting mounting accessories. <i>(See page 4 for details)</i></p> <p>Listngs ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.</p>
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ORDERING GUIDE

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

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

Ready-made eligible configurations ship in 2 to 4 weeks

¹ For premium materials, please consult the factory for current lead times and pricing. A minimum order quantity of 10 units is required.

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

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

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 (120V - 277V) Bronze
MHJB-12-BRZ	12" Stainless Steel 3-Prong Spike (120V - 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.

• Ready-made options available in ABL and ABR only unless noted by the part code above.

ADDITIONAL ACCESSORIES (Not installed at time of order)

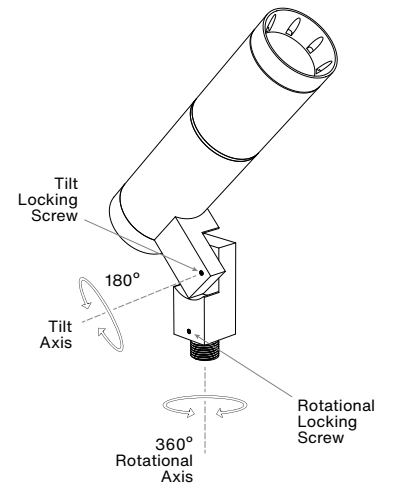
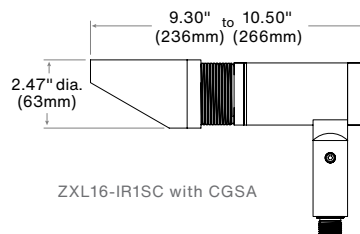
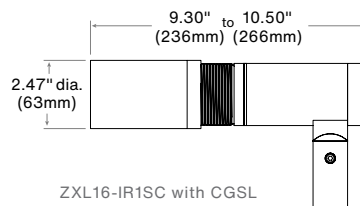
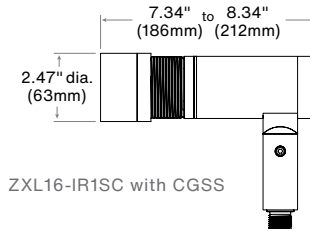
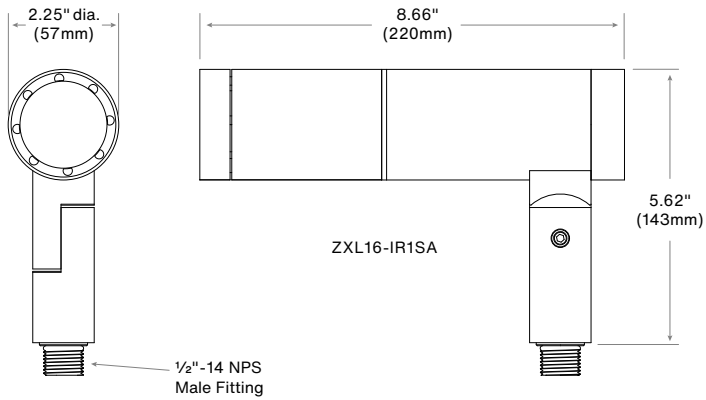
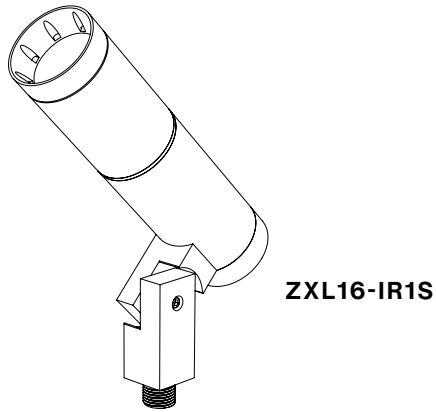
GLARE SHIELD ACCESSORIES

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

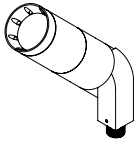
LVR-16	Hexcel Louver
OSL-16	Overall Spread Lens
LSL-16	Linear Spread Lens
SOL-16	Solite Soft Focus
DCF-16	Dichroic Filter
OPK-16	Optic Kit - Narrow, Medium, Wide, Extra Wide

PRODUCT DRAWINGS



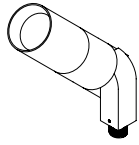
OPTIONS & ACCESSORIES

HOOD OPTIONS



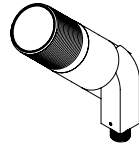
A HOOD

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)

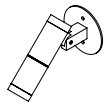


CGSS
(short)



MOUNTING ACCESSORIES

Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

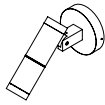


CM5-2



CM2

Surface Mount Box:



Fixture On CB5.1



CB4.0



CB5.5



CB3.5



CB4.0-SQ

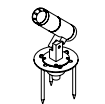


CB5.1



CB5.5-2K

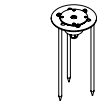
Ground Mount:



Fixture On MHJB-06



MHJB-06

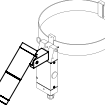


MHJB-12

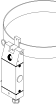


JB-1

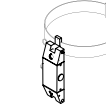
Tree Mount:



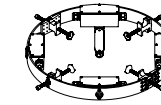
Fixture On TM07-JBS



TM07-JBS

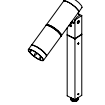


TM07-JBT

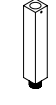


TS-SO

Extension:



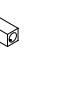
Fixture With EX



EX



EL



ET

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

Readymade eligible configurations ship in 2 to 4 weeks.

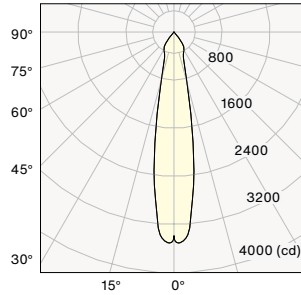
Notes:

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

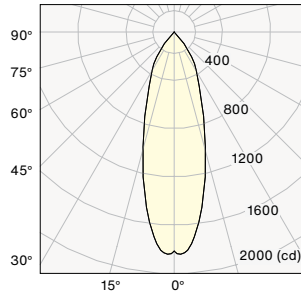
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

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

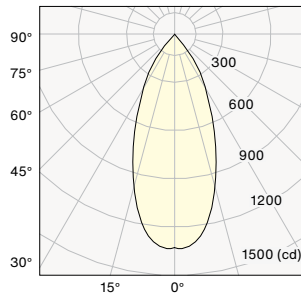
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

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

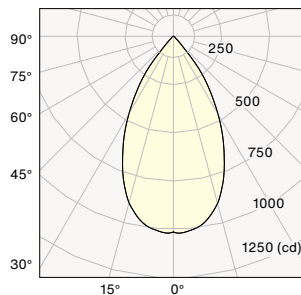
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

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