

ZXL20-I

(includes former ZXL20i model)

ACCENT & LANDSCAPE | ZX20 Series | 3.00" dia.
21-28W (2000-2700lm) | 120V-277V | HK LED, RGBW

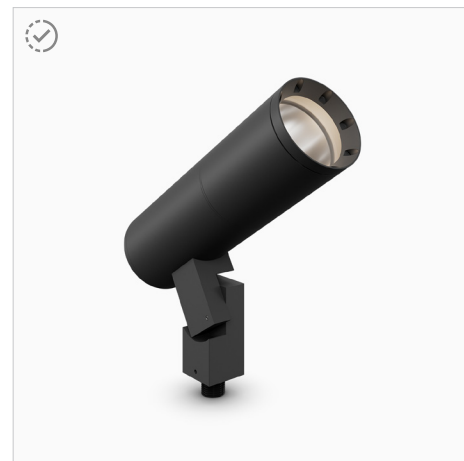
Project Name

Fixture Type

FEATURES



- Powerful round, directional 120V-277V LED modern accent light for architectural outdoor and landscape lighting environments. Most appropriate for distant light throw for taller trees, building facades, and architectural details.
- 21W, 28W integrated HK LED delivering 2000-2700 lumens. 2200-4000K CCT, including specialty RGBW option.
- Wet Location Listed, IP67 Standard.
- Machined from solid 6061-T6 aluminum, then anodized and powder coated for durability and corrosion resistance in marine environments. Also available in solid brass or stainless steel.
- 180° vertical and 360° horizontal adjustment via locking swivel stem design.
- Modular design with field-changeable LED light engine, optical beam spreads, and optical accessories.
- 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.



Line Voltage Accent - Standard: ZXL20-IR1SA-ABL

SPECIFICATIONS

Materials

Solid billet 6061-T6 corrosion-resistant aluminum with 304 stainless steel hardware. Available in 304 or 316 stainless steel or 360 brass upon request.

Finish

Aluminum materials are first anodized and then powder coated for a robust marine-grade, natatorium-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

21-28W HK LED delivers 2000-2700 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, 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 (16°), Medium (26°), Wide (40°), and Extra Wide (60°) beam spread options available. Accepts up to 3 optical accessories (hexcel louver, optical lenses, dichroic color filters, etc.) secured in place with a 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

CSA Listed for Wet Location (UL1838), IP67 Standard. RoHS Compliant.

ORDERING GUIDE

EXAMPLE: ZXL20-IR1SA-ABL-120V21W-27N-GSA-LVR-MHJB-06-BRZ

MODEL	PHYSICAL OPTIONS			MATERIAL / FINISH		POWER		LIGHT	
ZXL20	IR1	S							
ZX20 Series 3.00" Accent Light Integrated HK LED	IR1 Line Voltage, Single Accent Integrated Driver	STYLE	HOOD	ABL Aluminum Black		VOLTAGE	WATTAGE	CCT	OPTICS
		S Standard	A A Style: Weeping	ABR Aluminum Bronze		120V 120V (Phase Control)	21W 21 Watt (2000lm)	22 2200K	N Narrow (16°)
			B B Style: No Weep Holes	AWH Aluminum White		UNIV 120V - 277V (0V - 10V)	28W 28 Watt (2700lm)	24 2400K	M Medium (26°)
			C C Style: Threaded, Weeping	AAC Aluminum Anodized Clear ¹			SPW Specialty ²	25 2500K	W Wide (44°)
				NBR Natural Brass ¹				27 2700K	E Extra Wide (60°)
				NCU Natural Copper ¹				30 3000K	CC Custom Optic
				NSS Natural Stainless Steel ¹				35 3500K	
				CCC Custom Finish ¹				40 4000K	
								RG RGBW ²	

Ready-made eligible configurations ship in 2 to 4 weeks

¹ For premium materials, please consult the factory for current lead times and pricing

² For Specialty 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.

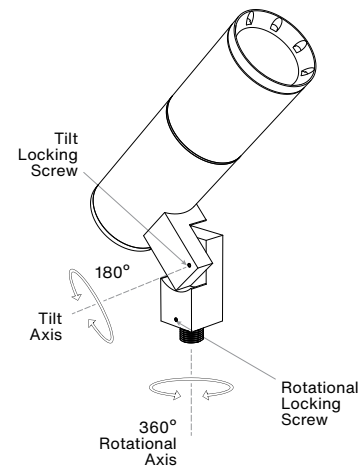
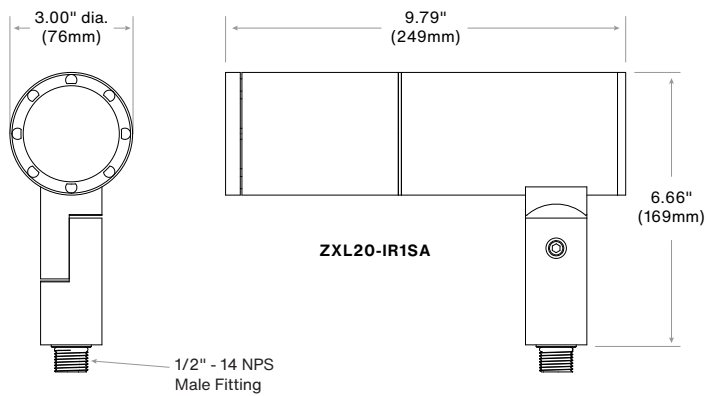
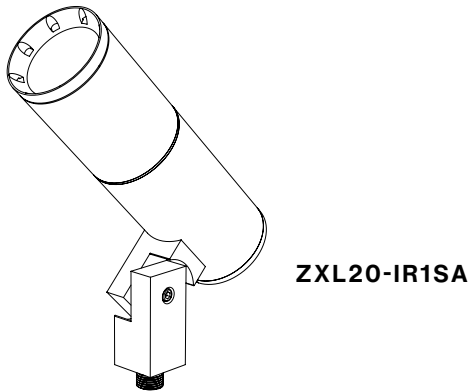
• XXX represents color option.

• 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	OPTIC ACCESSORIES
GSL-20-XXX A/B Glare Shield Long	LVR-20 Hexcel Louver
GSA-20-XXX A/B Glare Shield Angled	OSL-20 Overall Spread Lens
GSS-20-XXX A/B Glare Shield Short	LSL-20 Linear Spread Lens
CGSL-20-XXX C Glare Shield Long	SOL-20 Solite Soft Focus
CGSA-20-XXX C Glare Shield Angled	DCF-20 Dichroic Filter
CGSS-20-XXX C Glare Shield Short	OPK-20 Optic Kit - Narrow, Medium, Wide, Extra Wide

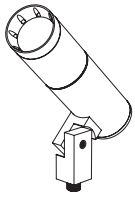
PRODUCT DRAWINGS



Notes:

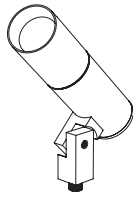
OPTIONS & ACCESSORIES

HOOD OPTIONS



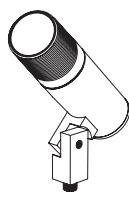
A HOOD

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)

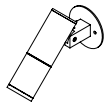


CGSS
(short)

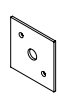


MOUNTING ACCESSORIES

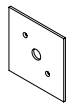
Canopy Mount:



Fixture On CM5



CM1



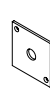
CM3



CM5

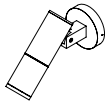


CM5-2



CM2

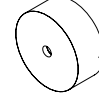
Surface Mount Box:



Fixture On CB5.1



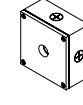
CB4.0



CB5.5



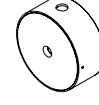
CB3.5



CB4.0-SQ



CB5.1



CB5.5-2K

Ground Mount:



Fixture On MHJB-06



MHJB-06

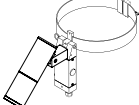


MHJB-12

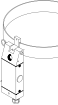


JB-1

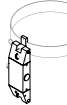
Tree Mount:



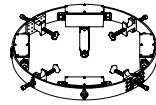
Fixture On TM07-JBS



TM07-JBS

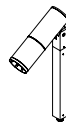


TM07-JBT



TS-SO

Extension:



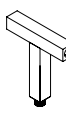
Fixture With EX



EX



EL



ET

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

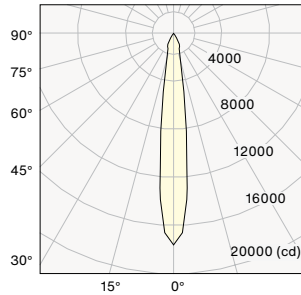
 Readymade eligible configurations ship in 2 to 4 weeks.

PHOTOMETRY & ENERGY DATA

ZXL20-I (Narrow)

Input Power	28.2W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	16.1°
Max. Candlepower	17751cd
Delivered Lumens	2652lm
Efficacy	94lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

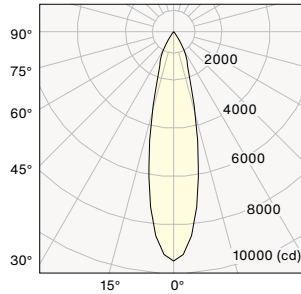
Center Beam (fc)	Beam Diameter	Distance
4438	0.6'	2.0'
1109	1.1'	4.0'
493	1.7'	6.0'
277	2.3'	8.0'
178	2.8'	10.0'

1/2 Beam Angle: 16.1°

ZXL20-I (Medium)

Input Power	28.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	25.5°
Max. Candlepower	9513cd
Delivered Lumens	2702lm
Efficacy	97lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

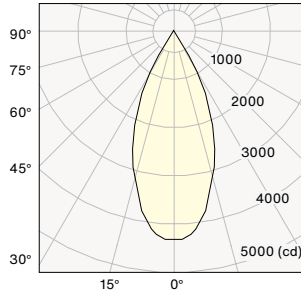
Center Beam (fc)	Beam Diameter	Distance
2378	0.9'	2.0'
595	1.8'	4.0'
264	2.7'	6.0'
149	3.6'	8.0'
95	4.5'	10.0'

1/2 Beam Angle: 25.5°

ZXL20-I (Wide)

Input Power	28.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	44.2°
Max. Candlepower	4285cd
Delivered Lumens	2220lm
Efficacy	82lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

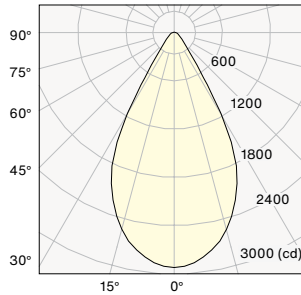
Center Beam (fc)	Beam Diameter	Distance
1071	2.3'	2.0'
268	4.6'	4.0'
119	6.9'	6.0'
67	9.3'	8.0'
43	11.6'	10.0'

1/2 Beam Angle: 44.2°

ZXL20-I (Extra Wide)

Input Power	29.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	60.1°
Max. Candlepower	2926cd
Delivered Lumens	2667lm
Efficacy	92lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
731	2.3'	2.0'
183	4.6'	4.0'
81	6.9'	6.0'
46	9.3'	8.0'
29	11.6'	10.0'

1/2 Beam Angle: 60.1°

WATTAGE MULTIPLIER

Wattage	Multiplier
18 Watt	0.51
28 Watt	0.79
21 Watt	0.71
28 Watt	1.00
20 Watt	N/A

CCT MULTIPLIER

Color Temp.	Multiplier
2700k	0.97
3000k	1.00
4000k	1.05
RGBW	N/A