HK LIGHTING

ZXL20-I

(includes former ZXL20i model)

ETL LISTED · IP67

ACCENT & LANDSCAPE | ZX20 Series | 3"
21 - 28W (2000-2700lm) | 120V - 277V | HK LED, RGBW, Amber

Line Voltage Standard Round Accent: ZXL20-IR1SA-ABL

FEATURES

· Powerful round, directional 120V - 277V LED modern accent light for commercial environments.

· 21W, 28W integrated HK LED delivering 2000-2700 lumens.

· 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
21 or 28W HK delivering 2000 to 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, 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 (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 place with metal snap ring.

Mounting
Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices. *(See page 4 for details).*

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

ORDERING GUIDE

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

MODEL

ZXL20
ZX20 Series 3.00" Accent Light Integrated HK LED

PHYSICAL OPTIONS

IR1			
IR1 Line Voltage, Single Accent Integrated Driver			

	STYLE		HOOD
S	Standard	**A**	A Style: Weeping
F	Finned	**B**	B Style: No Weep Holes
		C	C Style: Threaded, Weeping

MATERIAL / FINISH

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]

POWER

	VOLTAGE		WATTAGE
120V	120V (Phase Control)	**21W**	21 Watt (2000lm)
UNIV	120V-277V (0V-10V)	**28W**	28 Watt (2700lm)
		SPW	Speciality [2]

LIGHT

	CCT		OPTICS
22	2200K	**N**	Narrow (16°)
24	2400K	**M**	Medium (26°)
25	2500K	**W**	Wide (44°)
27	2700K	**E**	Extra Wide (60°)
30	3000K	**CC**	Custom Optic
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

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

· Readymade options available in ABL and ABR only unless noted by the part code above.

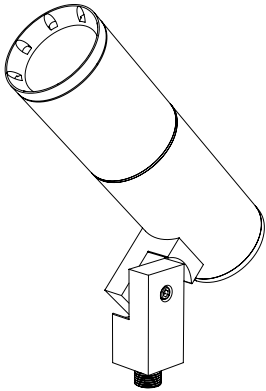## ADDITIONAL ACCESSORIES (Not installed at time of order)

GLARE SHIELD ACCESSORIES

GSL-20-XXX	A/B Glare Shield Long
GSA-20-XXX	A/B Glare Shield Angled
GSS-20-XXX	A/B Glare Shield Short
CGSL-20-XXX	C Glare Shield Long
CGSA-20-XXX	C Glare Shield Angled
CGSS-20-XXX	C Glare Shield Short

OPTIC ACCESSORIES

LVR-20	Hexcel Louver
OSL-20	Overall Spread Lens
LSL-20	Linear Spread Lens
SOL-20	Solite Soft Focus
DCF-20	Dichroic Filter
OPK-20	Optic Kit - Narrow, Medium, Wide, Extra Wide

HK LIGHTING

PRODUCT DRAWINGS

ZXL20I-IR1SA

DIA. 3.00"
(76mm)

9.79"
(249mm)

ZXL20-IR1SA

6.66"
(169mm)

1/2"-14 NPS
Male Fitting

Tilt
Locking
Screw

180°

Tilt
Axis

360°
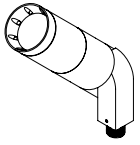Rotational
Axis

Rotational
Locking
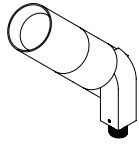Screw

HK LIGHTING
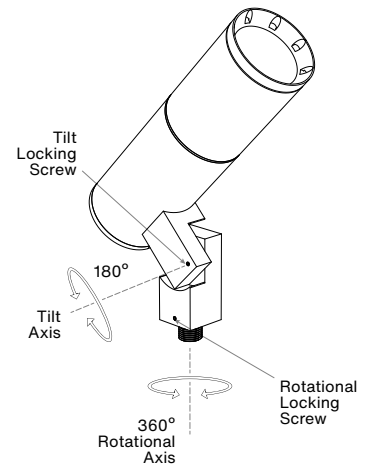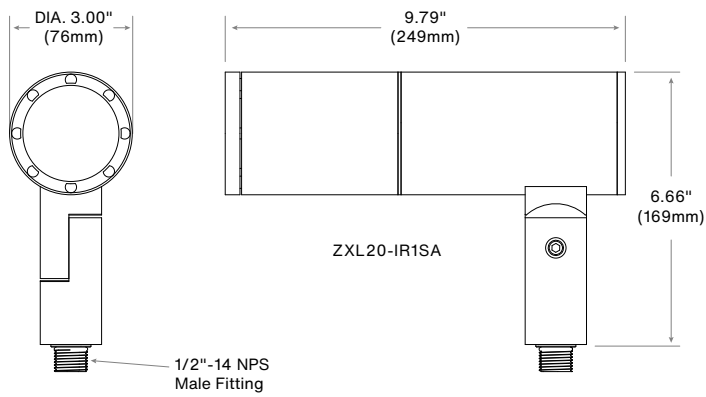
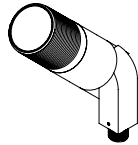## OPTIONS & ACCESSORIES

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) |
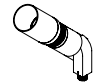
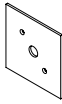### MOUNTING ACCESSORIES

Canopy Mount:
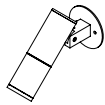
Fixture On CM5
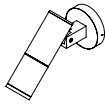
CM1   CM3   CM5   CM5-2   CM2

Surface Mount Box:
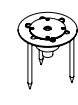
Fixture On CB5.1

CB4.0   CB5.5   CB3.5   CB4.0-SQ   CB5.1   CB5.5-2K
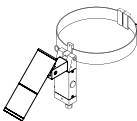
Ground Mount:

Fixture On MHJB-06

MHJB-06   MHJB-12   JB-1
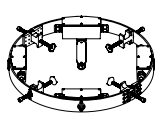
Tree Mount:

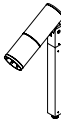Fixture On TM07-JBS

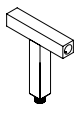TM07-JBS   TM07-JBT   TS-SO

Extension:

Fixture With EX

EX   EL   ET

Sign Light Arm: Please reference the Sign & Pole Mounting section in Accessories on our website.
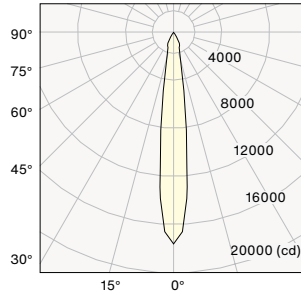
☐ Readymade eligible configurations ship in 2 to 4 weeks.

Notes:

HK LIGHTING

PHOTOMETRY & ENERGY DATA

ZXL20-I (Narrow)

Input Power	28.2W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	16.1°
Max. Candlepower	17751cd
Delivered Lumens	2652lm
Efficacy	94lm/W

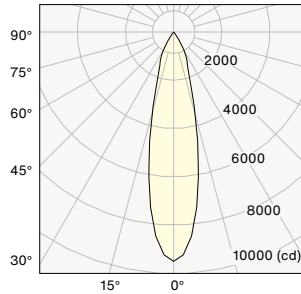Polar Graph - Intensity

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)	83
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)	83
Beam Angle	44.2°
Max. Candlepower	4285cd
Delivered Lumens	2220lm
Efficacy	82lm/W

Polar Graph - Intensity
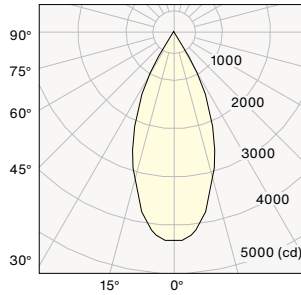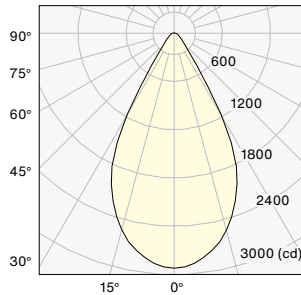
Cone of Light - Illuminance

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)	83
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

Type	Wattage	Multiplier
X18	18 Watt	0.51
X28	28 Watt	0.79
N21	21 Watt	0.71
N28	28 Watt	1.00
TW20	20 Watt	N/A

CCT MULTIPLIER

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