

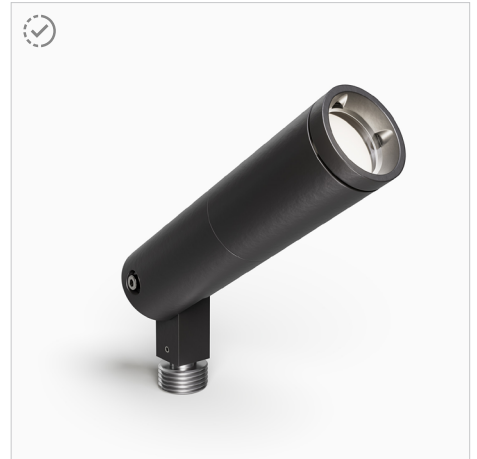
# ZXL08

(includes former ZXL08 & ZXL08-NF models)

ACCENT & LANDSCAPE | ZX08 Series | 1.25"  
3W (200LM) | 12V | HK LED, Amber



IP67



Standard Low Voltage Round Accent: ZXL08-0R1SA-ABL



Finned Low Voltage Round Accent: ZXL08-0R1FA-AAC

## FEATURES

- Our smallest round, directional 12V LED modern accent light for smaller plants, tree mounting, and architecture.
- 3W integrated HK LED delivering 200 lumens. 2200-4000K CCT, including specialty Amber option.
- 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. Also available in solid brass or stainless steel.
- 240° 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.
- Ships complete with selected accessories installed.

## SPECIFICATIONS

### Materials

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

### 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

12V AC/DC. Requires remote step down transformer.

### Wattage

3W HK LED, delivering 200 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 Amber options available. Consult factory for specialty LED specification details.

### Dimming

MLV or ELV Phase Control dimming.

### Optics

Narrow (19°), Medium (26°), and Wide (51°) 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: **ZXL08-0R1SA-ABL-012V03W-27N-GSA-LVR-MHCS-06**

MODEL	PHYSICAL OPTIONS				MATERIAL / FINISH		POWER		LIGHT	
<b>ZXL08</b>										
ZX08 Series 1.25" Accent Light Integrated HK LED					<b>ABL</b> Aluminum Black		<b>VOLTAGE</b>	<b>WATTAGE</b>	<b>CCT</b>	<b>OPTICS</b>
	<b>TYPE</b>	<b>STYLE</b>	<b>HOOD</b>		<b>ABR</b> Aluminum Bronze		<b>012V</b> 12V AC	<b>03W</b> 3 Watts (200lm)	<b>22</b> 2200K	<b>N</b> Narrow (19°)
	<b>OR1</b> Low Voltage, Round Accent	<b>S</b> Standard	<b>A</b> A Style: Weeping		<b>AWH</b> Aluminum White			<b>SPW</b> Specialty <sup>2</sup>	<b>24</b> 2400K	<b>M</b> Medium (26°)
		<b>F</b> Finned	<b>B</b> B Style: No Weep Holes		<b>AAC</b> Aluminum Anodized Clear <sup>1</sup>				<b>25</b> 2500K	<b>W</b> Wide (51°)
			<b>C</b> C Style: Threaded, Weeping		<b>NBR</b> Natural Brass <sup>1</sup>				<b>27</b> 2700K	<b>CC</b> Custom Optic
					<b>NCU</b> Natural Copper <sup>1</sup>				<b>30</b> 3000K	
					<b>NSS</b> Natural Stainless Steel <sup>1</sup>				<b>35</b> 3500K	
					<b>CCC</b> Custom Finish <sup>1</sup>				<b>40</b> 4000K	
									<b>AM</b> Amber LED <sup>2</sup>	

■ Readymade available product options

<sup>1</sup> Consult factory for specialty finish quoting and lead times

<sup>2</sup> For Specialty AM (AMBER 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)	
<b>GSA</b>	A/B Glare Shield Angled	<b>LVR</b>	Hexcel Louver	<b>GROUND MOUNT</b>	
<b>GSL</b>	A/B Glare Shield Long	<b>OSL</b>	Overall Spread Lens	<b>MHCS-06</b>	6" PVC Single Prong Spike (12V)
<b>GSS</b>	A/B Glare Shield Short	<b>LSL</b>	Linear Spread Lens	<b>MHCS-12</b>	12" PVC Single Prong Spike (12V)
<b>CGSA</b>	C Glare Shield Angled	<b>SOL</b>	Solite Soft Focus	<b>MH02-06-BRZ</b>	6" Stainless Steel 3-Prong Spike (12V) Bronze
<b>CGSL</b>	C Glare Shield Long	<b>DCF</b>	Dichotic Filter	<b>MH02-12-BRZ</b>	12" Stainless Steel 3-Prong Spike (12V) Bronze
<b>CGSS</b>	C Glare Shield Short			<b>JB-1</b>	Brass In-ground Junction Box
				<b>CANOPY MOUNT</b>	
				<b>CM1-XXX</b>	3.75" Square Canopy Plate
				<b>CM3-XXX</b>	4.75" Square Canopy Plate
				<b>CM5-XXX</b>	5" Round Canopy Plate
				<b>CM5-2-XXX</b>	5" Round Canopy Plate - Double
				<b>SURFACE MOUNT</b>	
				<b>CMLJ-XXX</b>	2.7" Round Surface Box
				<b>CB4.0-XXX</b>	4" Round Surface Box
				<b>CB5.5-XXX</b>	5.5" Round Surface Box
				<b>TREE MOUNT</b>	
				<b>TM125-ABR</b>	Aluminum Tree Mount Box (12V)
				<b>TM125-TS-ABR</b>	Stainless Steel Strap for TM125
				<b>EXTENSIONS</b>	
				<b>EX-12-XXX</b>	12" Extension
				<b>EX-24-XXX</b>	24" Extension
				<b>EL-XXX</b>	Elbow Extension

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

GLARE SHIELD ACCESSORIES		OPTIC ACCESSORIES	
<b>GSL-08-XXX</b>	A/B Glare Shield Long	<b>LVR-08</b>	Hexcel Louver
<b>GSA-08-XXX</b>	A/B Glare Shield Angled	<b>OSL-08</b>	Overall Spread Lens
<b>GSS-08-XXX</b>	A/B Glare Shield Short	<b>LSL-08</b>	Linear Spread Lens
<b>CGSL-08-XXX</b>	C Glare Shield Long	<b>SOL-08</b>	Solite Soft Focus
<b>CGSA-08-XXX</b>	C Glare Shield Angled	<b>DCF-08</b>	Dichotic Filter
<b>CGSS-08-XXX</b>	C Glare Shield Short	<b>OPK-08</b>	Optic Kit - Narrow, Medium, Wide

- 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.

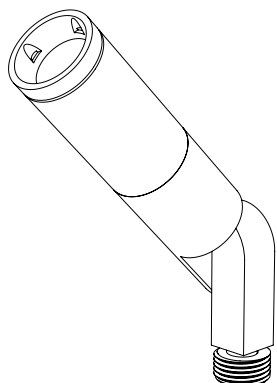
## OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

**TRANSFORMERS** (Go to [Accessories](#) for detailed specification)

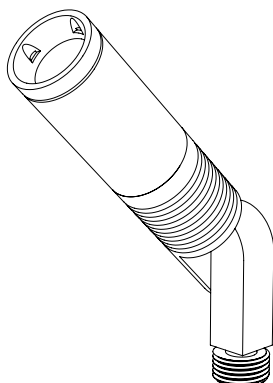
 EXAMPLE: **TXM-20-120**

MODEL		WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
<b>TXM</b>	Compact, damp location magnetic transformer 12VAC Output   MLV Dimming	<b>20, 40, 60, 100, 150, 300</b>	<b>120, 277</b>
<b>TXM</b>	Stainless steel, wet location outdoor magnetic transformer with integrated light sensor Multitap   12VAC Output   MLV Dimming	<b>300</b>	<b>OTR-SS</b> (120V Only)
<b>TXS</b>	Stainless steel, wet location outdoor magnetic transformer Multitap   12VAC Output   MLV Dimming	<b>150, 300, 600</b>	<b>120</b>
<b>IGT</b>	In-grade outdoor magnetic transformer 12VAC Output   MLV Dimming	<b>50</b> (120V Only), <b>100, 300, 600</b>	<b>120, 277</b>
<b>TXE</b>	In-fixture or near mounted electronic transformer 12VAC Output   ELV Dimming   Enclosure by others	<b>60</b>	<b>120, 230, 277</b>

## PRODUCT DRAWINGS

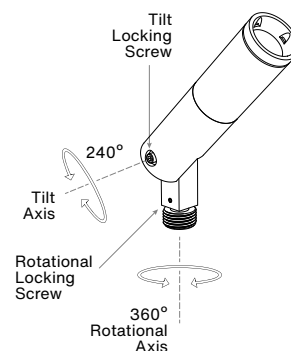
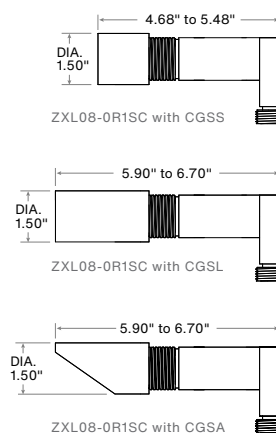
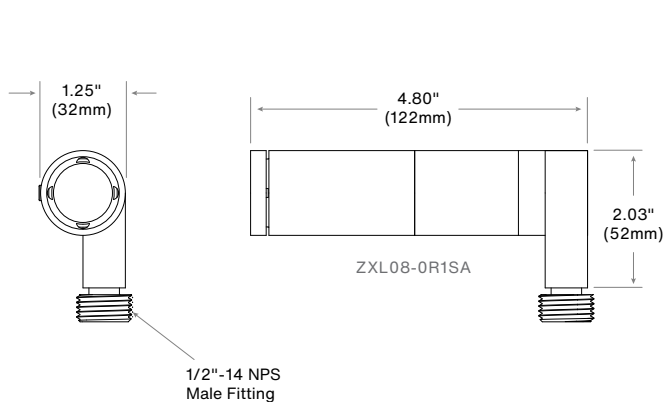


**ZXL08-OR1S**  
Standard

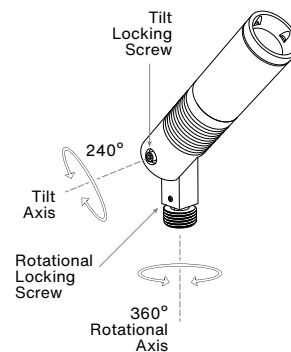
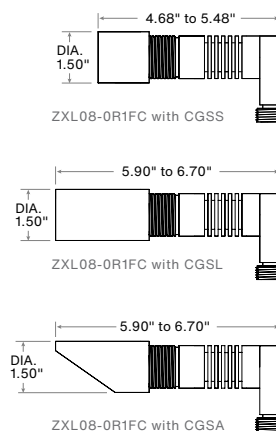
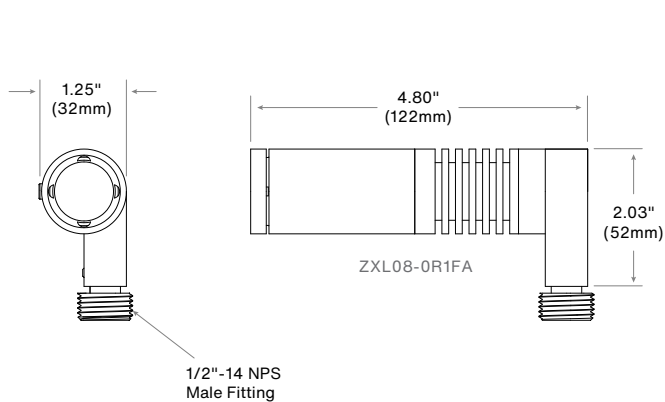


**ZXL08-OR1F**  
Finned

### ZXL08-OR1S

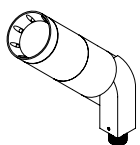


### ZXL08-OR1F



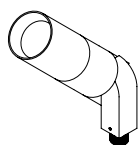
## OPTIONS & ACCESSORIES

### HOOD OPTIONS



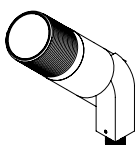
#### A-HOOD

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. Used in an interior or down light application.

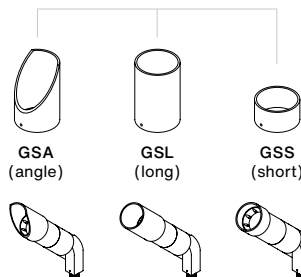


#### C-HOOD

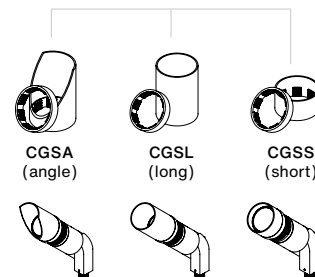
Flush hood with machined threading on the outside for attachment of C-style glare shield, cleverly designed with hidden drainage channels.

### OPTIONAL GLARE SHIELD

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



For use with C Hood  
fastened with Locking Ring

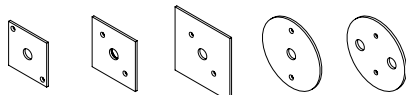


### MOUNTING ACCESSORIES

#### Canopy Plate:



Fixture On CM5

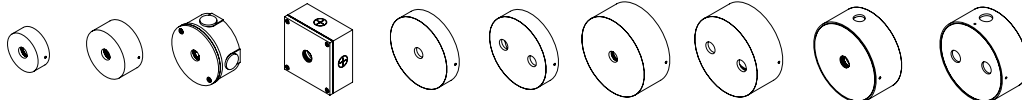


CM2 CM1 CM3 CM5 CM5-2

#### Surface Mount Box:



Fixture On CB5.1

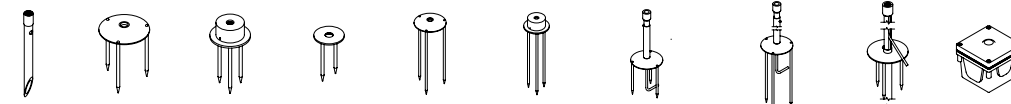


CMLJ CB3.5 CB4.0 CB4.0-SQ CB5.1 CB5.1-2 CB5.5 CB5.5-2 CB5.5-K/O CB5.5-K/O-2

#### Ground Mount:

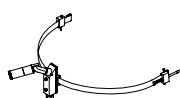


Fixture On MH02

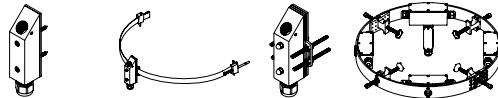


MHCS MH02 MH2-T MH05 MH2-12 MH2-T-12 MHVL6-12 MHVL12-24 MH01 JB1

#### Tree Mount:

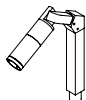


Fixture On TM125-TS

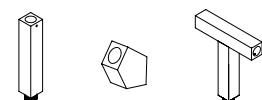


TM125 TM125-TS TM125-HB TS-SO

#### Extension:



Fixture With EX,EL



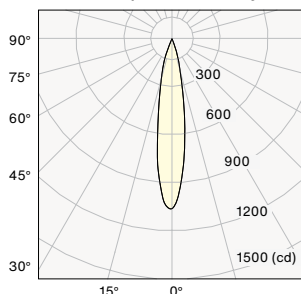
EX EL T-BAR

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

#### Notes:

**PHOTOMETRY & ENERGY DATA**
**ZXL08-3W-N (Narrow)**

Input Power	2.97W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	80
Beam Angle	18.4°
Max. Candlepower	1037cd
Delivered Lumens	171lm
Efficacy	57lm/W

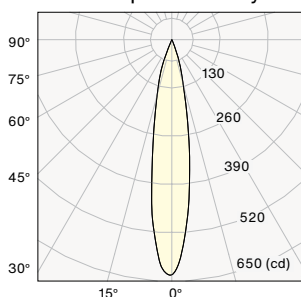
**Polar Graph - Intensity**

**Cone of Light - Illuminance**

Center Beam (fc)	Beam Diameter	Distance
259	0.6'	2.0'
65	1.3'	4.0'
29	1.9'	6.0'
16	2.6'	8.0'
10	3.2'	10.0'

1/2 Beam Angle: 18.4°

**ZXL08-3W-M (Medium)**

Input Power	2.98W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	80
Beam Angle	25.4°
Max. Candlepower	636cd
Delivered Lumens	169lm
Efficacy	56lm/W

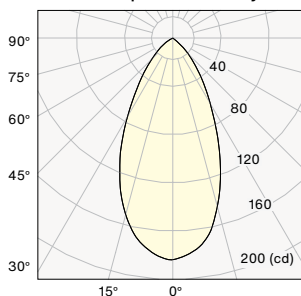
**Polar Graph - Intensity**

**Cone of Light - Illuminance**

Center Beam (fc)	Beam Diameter	Distance
159	0.9'	2.0'
40	1.8'	4.0'
17	2.7'	6.0'
10	3.6'	8.0'
6	4.5'	10.0'

1/2 Beam Angle: 25.4°

**ZXL08-3W-W (Wide)**

Input Power	3.0W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	80
Beam Angle	50.9°
Max. Candlepower	183cd
Delivered Lumens	157lm
Efficacy	53lm/W

**Polar Graph - Intensity**

**Cone of Light - Illuminance**

Center Beam (fc)	Beam Diameter	Distance
46	1.9'	2.0'
11	3.8'	4.0'
5	5.7'	6.0'
3	7.6'	8.0'
2	9.5'	10.0'

1/2 Beam Angle: 50.9°

**WATTAGE MULTIPLIER**

Wattage	Multiplier
3 Watt	1.00

**CCT MULTIPLIER**

Color Temp.	Multiplier
2700k	0.96
3000k	1.00
4000k	1.03