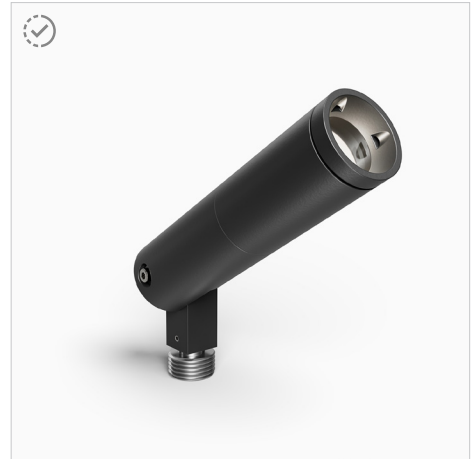


ZXL08

(includes former ZXL08 & ZXL08-NF models)

ACCENT & LANDSCAPE | ZX08 Series | 1.25" dia.

3W (200lm) | 12V | HK LED, Amber



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 to illuminate small trees under 10 feet, sculptural elements, and low plantings.
- 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.
- Readymade eligible configurations ship in 2 to 4 weeks, complete with selected accessories installed.

SPECIFICATIONS

<p>Materials</p> <p>Solid billet 6061-T6 corrosion-resistant aluminum with 316 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.</p> <p>Finish</p> <p>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</p> <p>Weeping and Non-weeping Hood Styles. Set screw or threaded Angled, Short, or Long Glare Shields. (See page 4 for details)</p>	<p>Voltage</p> <p>12V AC/DC. Requires remote step down transformer.</p> <p>Wattage</p> <p>3W HK LED, delivering 200 lumens.</p> <p>Light Engine</p> <p>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.</p> <p>Dimming</p> <p>MLV or ELV Phase Control dimming.</p>	<p>Optics</p> <p>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.</p> <p>Mounting</p> <p>Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices. (See page 4 for details)</p> <p>Listings</p> <p>ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.</p>
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ORDERING GUIDE

EXAMPLE: ZXL08-0R1SA-ABL-012V03W-27N-GSA-LVR-MHCS-06

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

- Readymade 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). 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	
MHCS-06	6" PVC Single Prong Spike (12V)
MHCS-12	12" PVC Single Prong Spike (12V)
MH02-06-BRZ	6" Stainless Steel 3-Prong Spike (12V) Bronze
MH02-12-BRZ	12" Stainless Steel 3-Prong Spike (12V) 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	
CMLJ-XXX	2.7" Round Surface Box
CB4.0-XXX	4" Round Surface Box
CB5.5-XXX	5.5" Round Surface Box
TREE MOUNT	
TM125-ABR	Aluminum Tree Mount Box (12V)
TM125-TS-ABR	Stainless Steel Strap for TM125
EXTENSIONS	
EX-12-XXX	12" Extension
EX-24-XXX	24" Extension
EL-XXX	Elbow Extension

ADDITIONAL ACCESSORIES (Not installed at time of order)

GLARE SHIELD ACCESSORIES

GSL-08-XXX	A/B Glare Shield Long
GSA-08-XXX	A/B Glare Shield Angled
GSS-08-XXX	A/B Glare Shield Short
CGSL-08-XXX	C Glare Shield Long
CGSA-08-XXX	C Glare Shield Angled
CGSS-08-XXX	C Glare Shield Short

OPTIC ACCESSORIES

LVR-08	Hexcel Louver
OSL-08	Overall Spread Lens
LSL-08	Linear Spread Lens
SOL-08	Solite Soft Focus
DCF-08	Dichroic Filter
OPK-08	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.

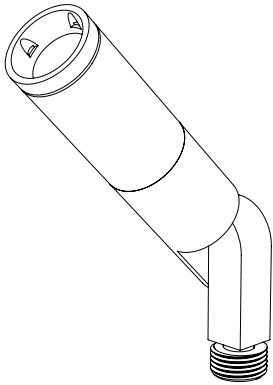
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

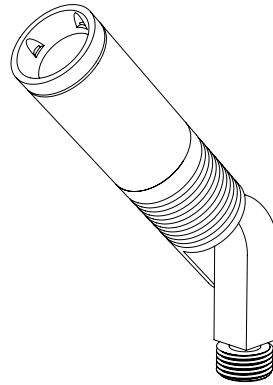
EXAMPLE: TXS-150-SS

MODEL		WATTAGE (VA)				PRIMARY VOLTAGE (VAC)	
TXM	Stainless steel, wet location outdoor magnetic transformer Multitap 12-15VAC Output MLV Dimming	150	300			OTR-SS (120V Only)	
TXS	Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	150	300	600		SS (120V Only)	
TXM	Compact, damp location magnetic transformer 12VAC Output MLV Dimming	20	40	60	100	120	
IGT	In ground outdoor magnetic transformer 12VAC Output MLV Dimming	50 (120V Only)		100	300	120	277
TXE	In-fixture or near mounted electronic transformer 12VAC Output ELV Dimming Enclosure by others	60				120	277

PRODUCT DRAWINGS

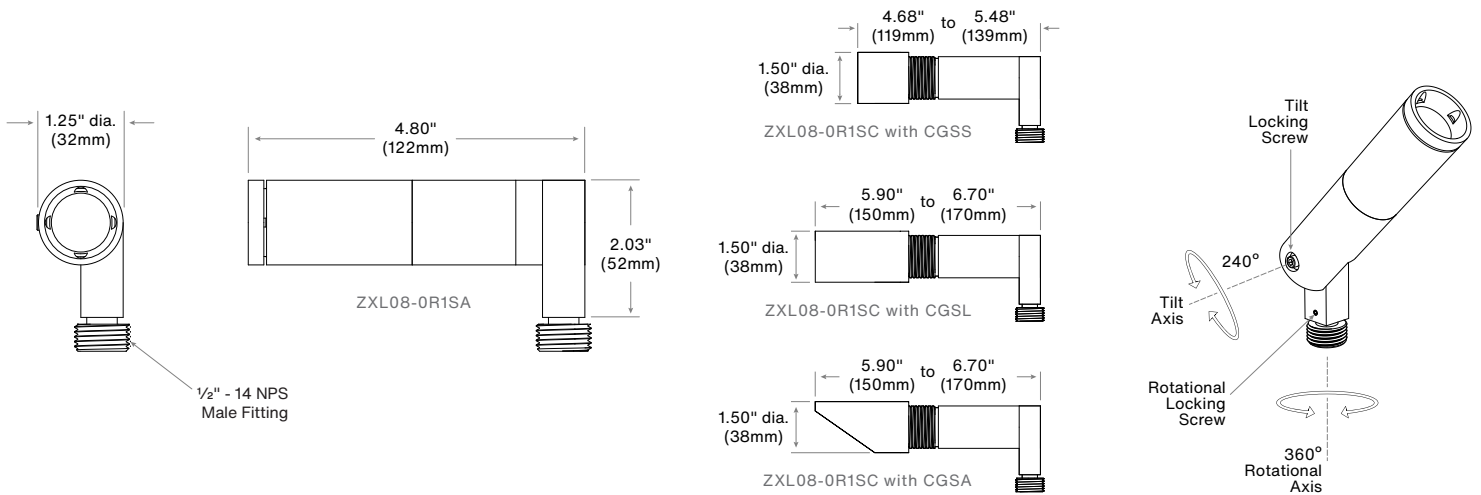


ZXL08-OR1S
Standard

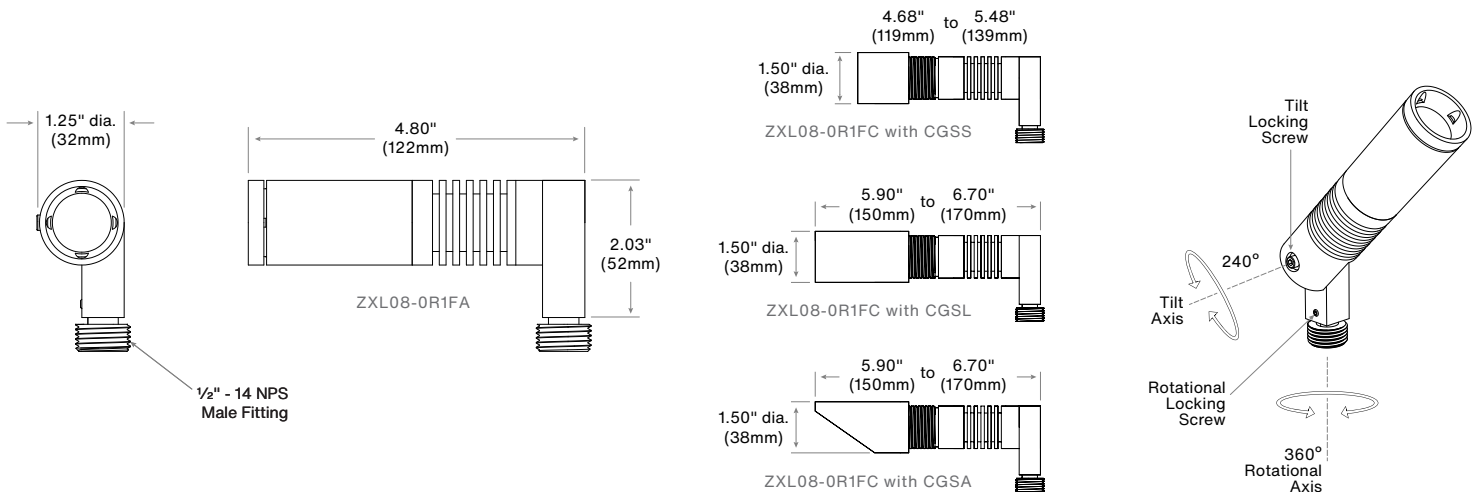


ZXL08-OR1F
Finned

ZXL08-OR1S

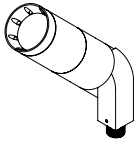


ZXL08-OR1F



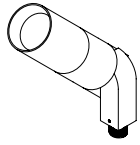
OPTIONS & ACCESSORIES

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. 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)

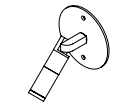


CGSS
(short)



MOUNTING ACCESSORIES

Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

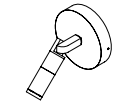


CM5-2



CM2

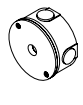
Surface Mount Box:



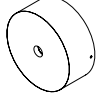
Fixture On CB5.1



CMLJ



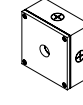
CB4.0



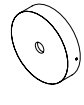
CB5.5



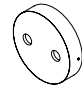
CB3.5



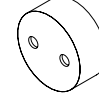
CB4.0-SQ



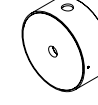
CB5.1



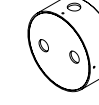
CB5.1-2



CB5.5-2



CB5.5-2K

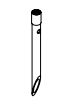


CB5.5-2-2K

Ground Mount:



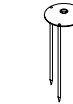
Fixture On MH02



MHCS



MH02-06



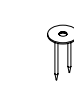
MH02-12



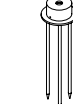
JB-1



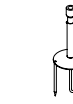
MH02-T-06



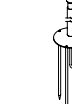
MH05



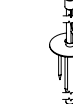
MH02-T-12



MHVL-06-12

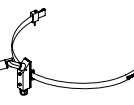


MHVL-12-24

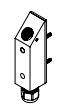


MH01

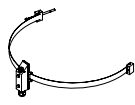
Tree Mount:



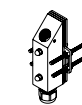
Fixture On TM120-TS



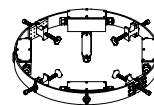
TM125



TM125-TS

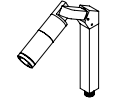


TM125-HB

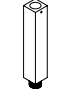


TS-SO

Extension:



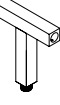
Fixture With EX,EL



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.

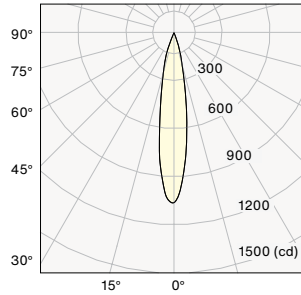
Notes:

PHOTOMETRY & ENERGY DATA

ZXL08 (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

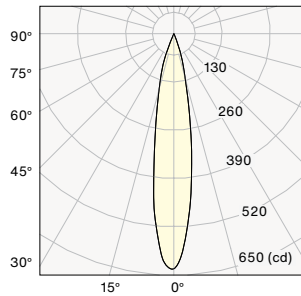
Center Beam (fc)	Beam Diameter	Distance
259	0.6'	2.0'
65	1.3'	4.0'
29	1.9'	6.0'
16	2.6'	8.0'
10	3.2'	10.0'

1/2 Beam Angle: 18.4°

ZXL08 (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

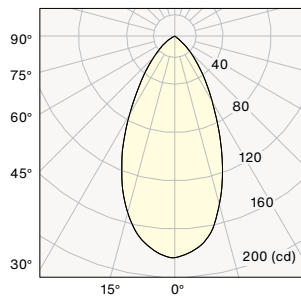
Center Beam (fc)	Beam Diameter	Distance
159	0.9'	2.0'
40	1.8'	4.0'
17	2.7'	6.0'
10	3.6'	8.0'
6	4.5'	10.0'

1/2 Beam Angle: 25.4°

ZXL08 (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