

ZXL08 Square

(includes former ZXL08-SQ models)

ACCENT & LANDSCAPE | ZX08 Series | 1.13"

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



IP67

FEATURES

- Our smallest square, 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.
- 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.
- 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.

Glare Shield

Weeping Hood Style with 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.



Standard Low Voltage Square Accent: ZXL08-0S1SA-ABL



Finned Low Voltage Square Accent: ZXL08-0S1FA-AAC

ORDERING GUIDE

EXAMPLE: **ZXL08-0S1SA-ABL-012V03W-27N-GSA-SQ-LVR-MHCS-06**

MODEL	PHYSICAL OPTIONS				MATERIAL / FINISH		POWER		LIGHT								
ZXL08	OS1			A			012V										
ZX08 Series 1.13" Accent Light Integrated HK LED	TYPE		STYLE	HOOD		ABL	Aluminum Black		VOLTAGE		WATTAGE		CCT		OPTICS		
	OS1	Low Voltage, Square Accent	S Standard	A	A Style: Weeping		ABR	Aluminum Bronze		012V	12V AC	03W	3 Watts (200lm)	22	2200K	N	Narrow (19°)
			F Finned			AWH	Aluminum White		24					2400K	M	Medium (26°)	
						AAC	Aluminum Anodized Clear ¹				SPW	Specialty ²	25	2500K	W	Wide (51°)	
						NBR	Natural Brass ¹						27	2700K	CC	Custom Optic	
						NCU	Natural Copper ¹						30	3000K			
						NSS	Natural Stainless Steel ¹						35	3500K			
						CCC	Custom Finish ¹						40	4000K			
													AM	Amber LED ²			

¹ Consult factory for specialty finish quoting and lead times

² For Specialty AM (Amber LED) , select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

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OPTIONAL INSTALLED ACCESSORIES

GLARE SHIELD

GSA-SQ	Square Glare Shield Angled
GSL-SQ	Square Glare Shield Long
GSS-SQ	Square 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-SQ-08-XXX	Square Glare Shield Long
GSA-SQ-08-XXX	Square Glare Shield Angled
GSS-SQ-08-XXX	Square Glare Shield Short

OPTIC ACCESSORIES

LVR-08	Hexcel Louver
OSL-08	Overall Spread Lens
LSL-08	Linear Spread Lens

ADDITIONAL ACCESSORIES (Not installed at time of order)

GLARE SHIELD ACCESSORIES	OPTIC ACCESSORIES
GSL-SQ-08-XXX	LVR-08
Square Glare Shield Long	Hexcel Louver
GSA-SQ-08-XXX	OSL-08
Square Glare Shield Angled	Overall Spread Lens
GSS-SQ-08-XXX	LSL-08
Square Glare Shield Short	Linear Spread Lens
	SOL-08
	Solite Soft Focus
	DCF-08
	Dichroic Filter
	OPK-08
	Optic Kit - Narrow, Medium

- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.

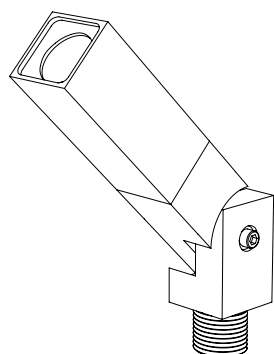
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

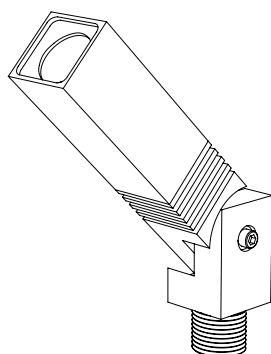
EXAMPLE: **TXM-300-OTR-SS**

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

PRODUCT DRAWINGS

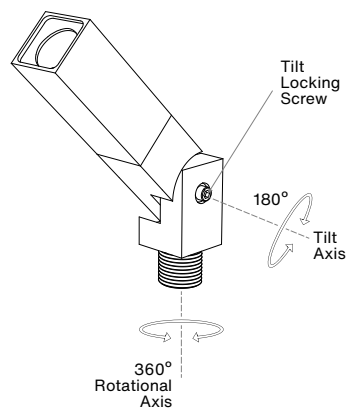
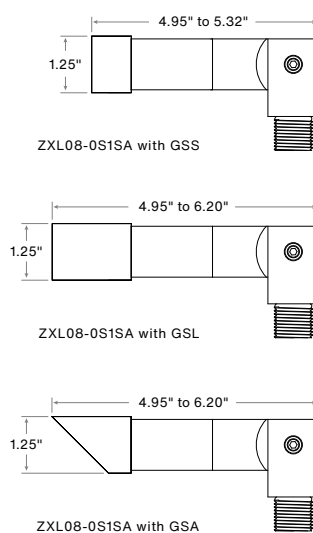
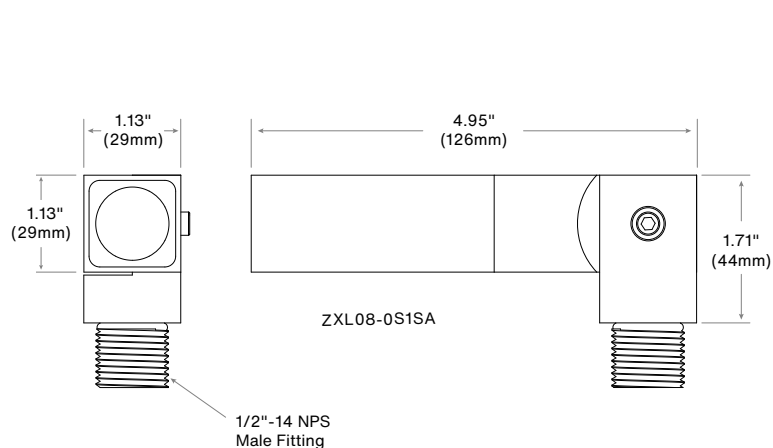


ZXL08-0S1S
Standard

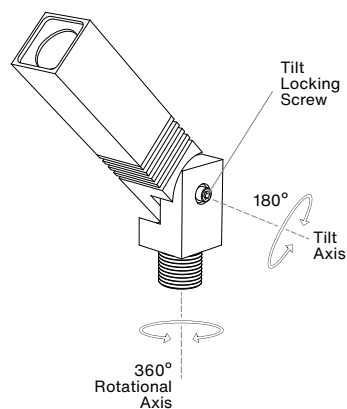
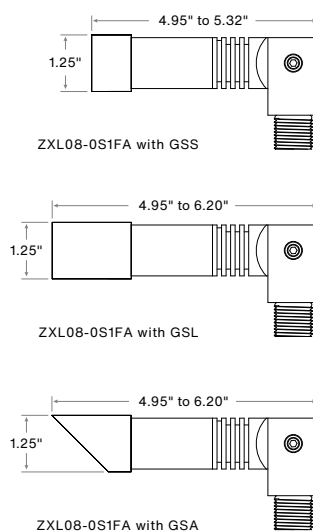
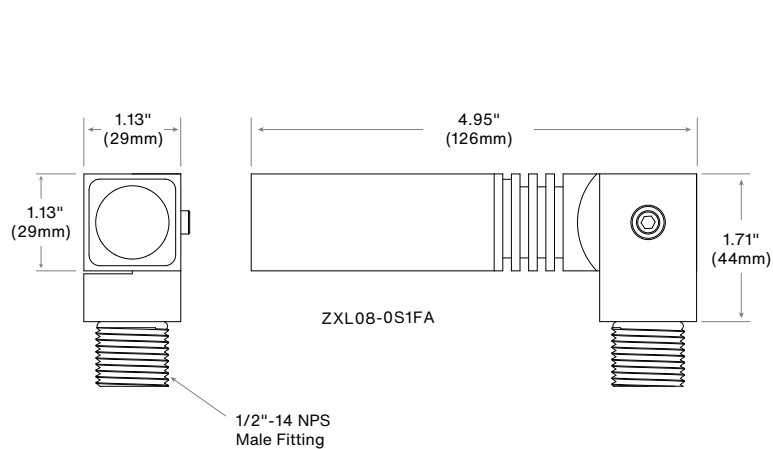


ZXL08-0S1F
Finned

ZXL08-0S1S

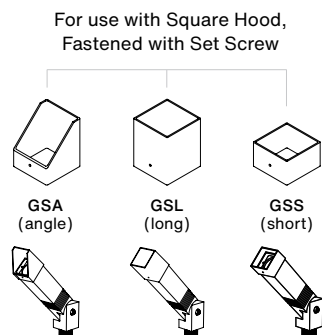


ZXL08-0S1F



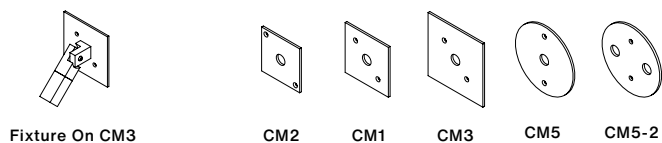
OPTIONS & ACCESSORIES

OPTIONAL GLARE SHIELD

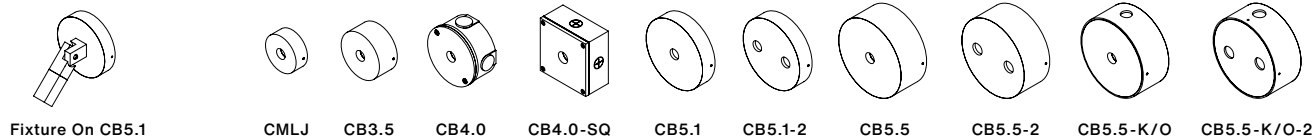


MOUNTING ACCESSORIES

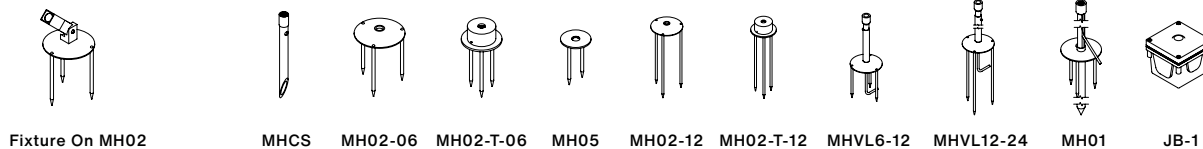
Canopy Mount:



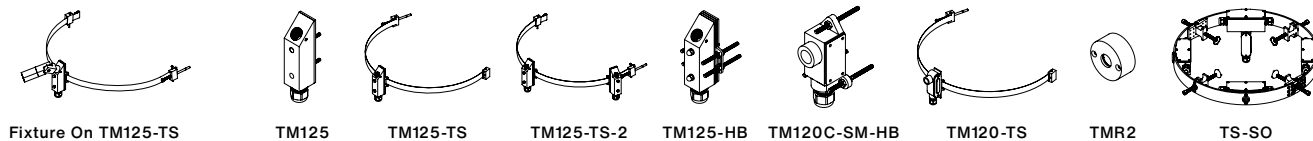
Surface Mount Box:



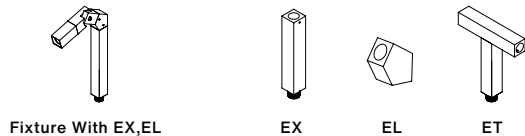
Ground Mount:



Tree Mount:



Extension:



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

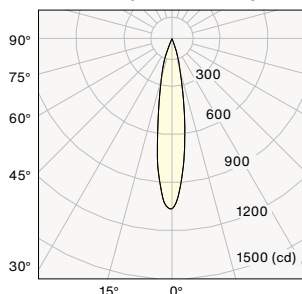
Notes:

PHOTOMETRY & ENERGY DATA

ZXL08 Square (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

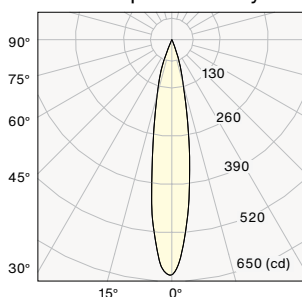
Center Beam (fc)	Beam Diameter	Distance
259	0.6'	2.0'
65	1.3'	4.0'
29	1.9'	6.0'
16	2.6'	8.0'
10	3.2'	10.0'

1/2 Beam Angle: 18.4°

ZXL08 Square (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

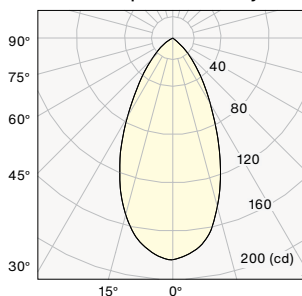
Center Beam (fc)	Beam Diameter	Distance
159	0.9'	2.0'
40	1.8'	4.0'
17	2.7'	6.0'
10	3.6'	8.0'
6	4.5'	10.0'

1/2 Beam Angle: 25.4°

ZXL08 Square (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