

# ZXL16 Center Pivot

**IP67**

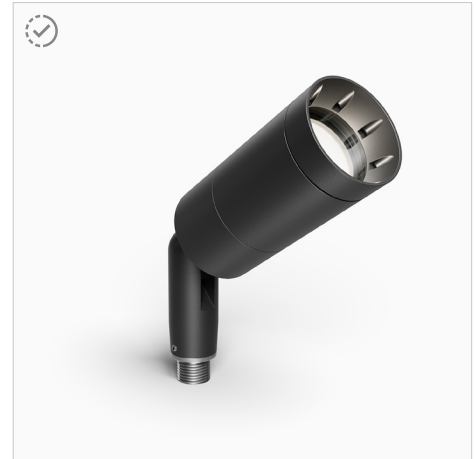
(includes former ZXL16-CPV model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25" dia.

5 - 10W (500 - 900lm) | 12V | HK LED, RGB, Amber

## FEATURES

- Our most versatile round, directional 12V LED traditional accent light for architectural outdoor and landscape lighting environments.
- 5W, 7W, 10W integrated HK LED delivering 500 to 900 lumens. 2200-4000K CCT, including specialty Amber and RGB options.
- 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.



Low Voltage Center Pivot Accent: ZXL16-0C1SA-ABL

## SPECIFICATIONS

### Materials

Machined from solid 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

5, 7 or 10W HK LED delivering 500 to 900 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 RGB options available. Consult factory for specialty LED specification details.

### Dimming

MLV or ELV Phase Control dimming.

### Optics

Narrow (20°), Medium (33°), Wide (44°), and Extra Wide (57deg) 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 mounting devices. (See page 4 for details)

### Listings

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

## ORDERING GUIDE

EXAMPLE: ZXL16-0C1SA-ABL-012V05W-27N-GSA-LVR-MHCS-06

MODEL	OPTIONS		MATERIAL / FINISH	POWER	LIGHT	
<b>ZXL16</b>	<b>OC1</b>	<b>S</b>		<b>012V</b>		
ZXL16 Series 2.25" Accent Light Integrated HK LED	<b>OC1</b> Low Voltage, Center Pivot Accent	<b>STYLE</b> S Standard	<b>HOOD</b> A A: Weeping B B: No Weep Holes C C: Threaded, Weeping	<b>ABL</b> Aluminum Black <b>ABR</b> Aluminum Bronze <b>AWH</b> Aluminum White <b>AAC</b> Aluminum Anodized Clear <sup>1</sup> <b>NBR</b> Natural Brass <sup>1</sup> <b>NCU</b> Natural Copper <sup>1</sup> <b>NSS</b> Natural Stainless Steel <sup>1</sup> <b>CCC</b> Custom Finish <sup>1</sup>	<b>012V</b> 12V AC <b>VOLTAGE</b> <b>05W</b> 5 Watts (500lm) <b>07W</b> 7 Watts (700lm) <b>10W</b> 10 Watts (900lm) <b>SPW</b> Specialty <sup>2</sup>	<b>CCT</b> 22 2200K 24 2400K 25 2500K 27 2700K 30 3000K 35 3500K 40 4000K AM Amber <sup>2</sup> RG RGB <sup>2</sup>

Ready-made eligible configurations ship in 2 to 4 weeks

<sup>1</sup> For premium materials, please consult the factory for current lead times and pricing. A minimum order quantity of 10 units is required.

<sup>2</sup> For Specialty AM (Amber LED) and RG (RGB LED), select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

## OPTIONAL INSTALLED ACCESSORIES

### GLARE SHIELD

<b>GSA</b>	A/B Glare Shield Angled
<b>GSL</b>	A/B Glare Shield Long
<b>GSS</b>	A/B Glare Shield Short
<b>CGSA</b>	C Glare Shield Angled
<b>CGSL</b>	C Glare Shield Long
<b>CGSS</b>	C Glare Shield Short

### OPTIC

<b>LVR</b>	Hexcel Louver
<b>OSL</b>	Overall Spread Lens
<b>LSL</b>	Linear Spread Lens
<b>SOL</b>	Solite Soft Focus
<b>DCF</b>	Dichroic Filter

### MOUNTING (Most common listed, see Page 4 for additional options)

<b>GROUND MOUNT</b>	
<b>MHCS-06</b>	6" PVC Single Prong Spike (12V)
<b>MHCS-12</b>	12" PVC Single Prong Spike (12V)
<b>MH02-06-BRZ</b>	6" Stainless Steel 3-Prong Spike (12V) Bronze
<b>MH02-12-BRZ</b>	12" Stainless Steel 3-Prong Spike (12V) Bronze
<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-RD-12-XXX</b>	12" Round Extension
<b>EX-RD-24-XXX</b>	24" Round Extension

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

### GLARE SHIELD ACCESSORIES

<b>GSL-16-XXX</b>	A/B Glare Shield Long
<b>GSA-16-XXX</b>	A/B Glare Shield Angled
<b>GSS-16-XXX</b>	A/B Glare Shield Short
<b>CGSL-16-XXX</b>	C Glare Shield Long
<b>CGSA-16-XXX</b>	C Glare Shield Angled
<b>CGSS-16-XXX</b>	C Glare Shield Short

### OPTIC ACCESSORIES

<b>LVR-16</b>	Hexcel Louver
<b>OSL-16</b>	Overall Spread Lens
<b>LSL-16</b>	Linear Spread Lens
<b>SOL-16</b>	Solite Soft Focus
<b>DCF-16</b>	Dichroic Filter
<b>OPK-16</b>	Optic Kit - Narrow, Medium, Wide, Extra Wide

- 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.

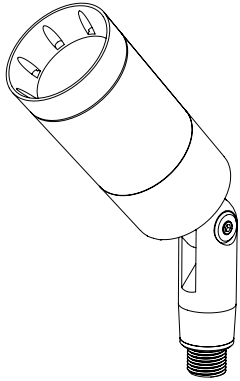
## OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

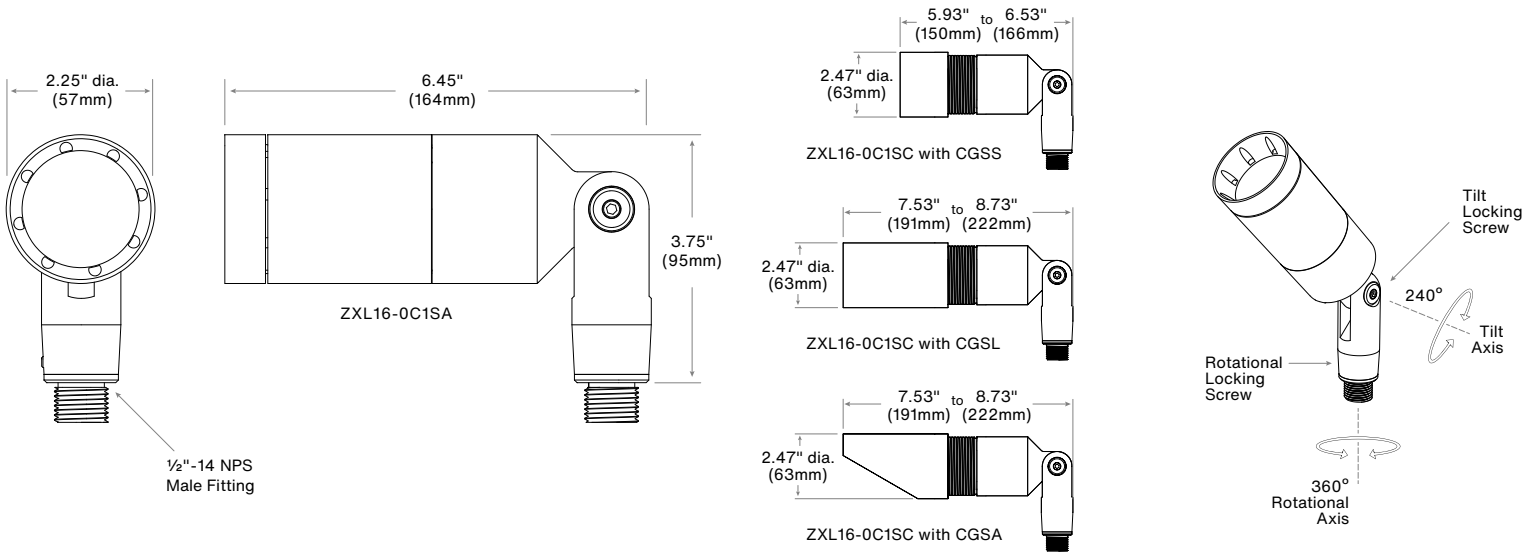
EXAMPLE: TXS-150-SS

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

**PRODUCT DRAWINGS**

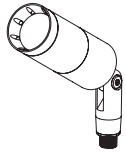


**ZXL16-0C1SA**



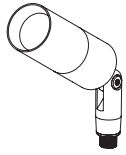
## OPTIONS & ACCESSORIES

### 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.

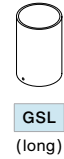
### OPTIONAL GLARE SHIELD

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

For use with C Hood fastened with Locking Ring



**GSA**  
(angle)



**GSL**  
(long)



**GSS**  
(short)



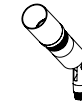
**CGSA**  
(angle)



**CGSL**  
(long)

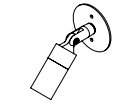


**CGSS**  
(short)



### MOUNTING ACCESSORIES

#### Canopy Mount:



Fixture On CM5



**CM1**



**CM3**



**CM5**

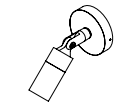


**CM5-2**



**CM2**

#### Surface Mount Box:



Fixture On CB5.1



**CMLJ**



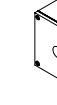
**CB4.0**



**CB5.5**



**CB3.5**



**CB4.0-SQ**



**CB5.1**



**CB5.1-2**



**CB5.5-2**



**CB5.5-2K**

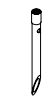


**CB5.5-2-2K**

#### Ground Mount:



Fixture On MH02



**MHCS**



**MH02-06**



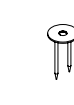
**MH02-12**



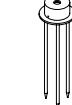
**JB-1**



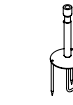
**MH02-T-06**



**MH05**



**MH02-T-12**



**MHVL-06-12**

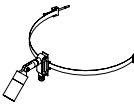


**MHVL-12-24**

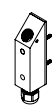


**MH01**

#### Tree Mount:



Fixture On TM120-TS



**TM125**



**TM125-TS**



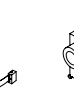
**TM125-HB**



**TM120-TS**



**TM120-C-SM-HB**

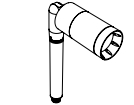


**TMR2**



**TS-SO**

#### Extension:



Fixture With EX-RD



**EX-RD**

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

Readymade eligible configurations ship in 2 to 4 weeks.

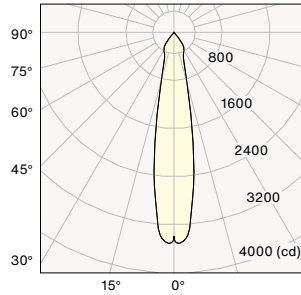
#### Notes:

## PHOTOMETRY & ENERGY DATA

### ZXL16 Center Pivot (Narrow)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	20.5°
Max. Candlepower	3507cd
Delivered Lumens	864lm
Efficacy	91lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

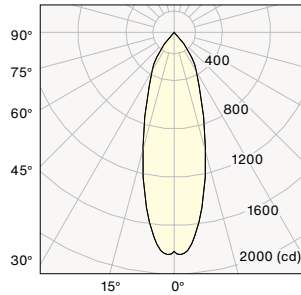
Center Beam (fc)	Beam Diameter	Distance
877	0.7'	2.0'
219	1.4'	4.0'
97	2.2'	6.0'
55	2.9'	8.0'
35	3.6'	10.0'

1/2 Beam Angle: 20.5°

### ZXL16 Center Pivot (Medium)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	32.5°
Max. Candlepower	1842cd
Delivered Lumens	863lm
Efficacy	91lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

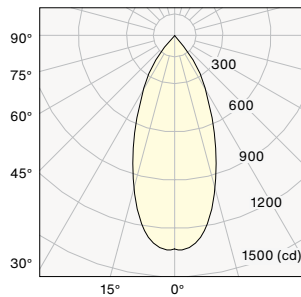
Center Beam (fc)	Beam Diameter	Distance
460	1.2'	2.0'
115	2.3'	4.0'
51	3.5'	6.0'
29	4.6'	8.0'
18	5.8'	10.0'

1/2 Beam Angle: 32.5°

### ZXL16 Center Pivot (Wide)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	44.1°
Max. Candlepower	1332cd
Delivered Lumens	850lm
Efficacy	89lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

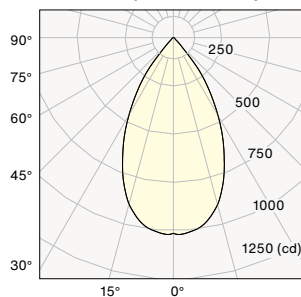
Center Beam (fc)	Beam Diameter	Distance
333	1.6'	2.0'
83	3.2'	4.0'
37	4.9'	6.0'
21	6.5'	8.0'
13	8.1'	10.0'

1/2 Beam Angle: 44.1°

### ZXL16 Center Pivot (Extra Wide)

Input Power	9.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	83
Beam Angle	56.9°
Max. Candlepower	1019cd
Delivered Lumens	876lm
Efficacy	92lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
255	2.3'	2.0'
64	4.6'	4.0'
28	6.9'	6.0'
16	9.2'	8.0'
10	11.5'	10.0'

1/2 Beam Angle: 56.9°

### WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.53
7 Watt	0.77
10 Watt	1.00

### CCT MULTIPLIER

Color Temp.	Multiplier
2700k	0.97
3000k	1.00
4000k	1.05