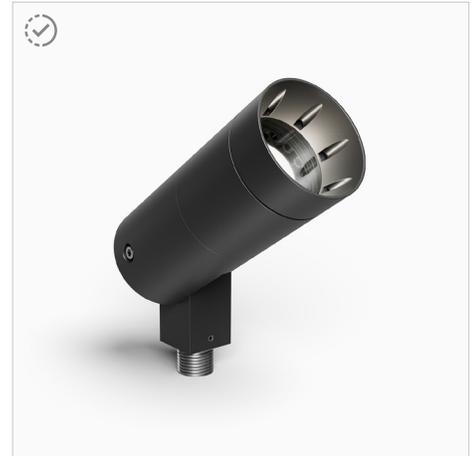


# ZX16

(includes former ZX16 and ZX16-SOi model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25"  
7.5W (640lm) | 12V | SORAA, LED Lamp, Halogen



SORAA LED Standard Accent: ZX16-0R1SA-ABL

## FEATURES

- Versatile round, directional MR16 (GU5.3) modern accent light for architectural outdoor and landscape lighting environments.
- Flexible lamp configurations include SORAA LED Lamp with patented Heat Sink or use your preferred LED or Halogen lamp.
- 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.
- Field changeable optical lensing available.
- 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.



### Integral SORAA® Heat Sink

US patented Thermobuster™ provides extra heat dissipation that reduces the lamp junction temperature by 77°F(25°C). Enables even the highest wattage SORAA® lamps to be used in an enclosed fixture without sacrificing its performance or life expectancy.

## SPECIFICATIONS

<p><b>Materials</b> Machined from billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.</p> <p><b>Finish</b> 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><b>Hood and Glare Shield</b> Weeping and Non-weeping Hood Styles. Set screw or threaded Angled, Short, or Long Glare Shields. (See page 4 for details).</p>	<p><b>Voltage</b> 12V AC/DC. Requires remote step down transformer.</p> <p><b>Wattage</b> Max. 9W for SORAA MR16 lamp with Thermobuster. Max. 50W for halogen lamp.</p> <p><b>Light Engine</b> MR16 Halogen lamp or MR16 SORAA LED lamp. Please refer to <a href="#">SORAA MR16 GU5.3</a> lamp selection.</p> <p><b>Dimming</b> MLV, ELV Phase Control dimming. Please refer to website for <a href="#">SORAA MR16</a> dimmer compatibility.</p>	<p><b>Lamp Base/Socket</b> Standard bi-pin socket for GU5.3/G4/GX5.3/GY6.35/GZ4.</p> <p><b>Optics</b> Accepts up to 3 accessory pieces (hexcel louver, optical lenses, dichroic color filters, etc.). Secured in place with metal snap ring.</p> <p><b>Mounting</b> Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting mounting accessories (See page 4 for details).</p> <p><b>Listings</b> ETL Listed for Wet Location, IP67 Standard. RoHS Compliant.</p>
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## ORDERING GUIDE

EXAMPLE: ZX16-0R1SA-ABL-012VSL-08728-GSA-LVR-MHCS-06

MODEL	PHYSICAL OPTIONS			MATERIAL / FINISH		LIGHT ENGINE	
<b>ZX16</b> ZX16 Series 2.25" Accent Light SORAA LED, LED Lamp or Halogen Lamp Low Voltage (GU 5.3)	<b>OR1</b>	<b>S</b>				<b>012V</b>	
	<b>TYPE</b>	<b>STYLE</b>	<b>HOOD</b>	<b>ABL</b> Aluminum Black		<b>VOLTAGE</b>	<b>LAMP</b>
	<b>OR1</b> Low Voltage, Round Accent <sup>1</sup>	<b>S</b> Standard	<b>A</b> A Style: Weeping <b>B</b> B Style: No Weep Holes <b>C</b> C Style: Threaded, Weeping	<b>ABR</b> Aluminum Bronze		<b>012V</b> 12V AC (GU5.3 Lamp)	<b>NL</b> No Lamp <sup>2</sup> <b>SL</b> SORAA Lamp Included <sup>3</sup> <b>SN</b> SORAA Lamp Not Included <sup>3</sup> <b>CC</b> Custom Lamp Included
				<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>			

Readymade eligible configurations ship in 2 to 4 weeks

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

<sup>2</sup> Compatible with Halogen Lamp

<sup>3</sup> Only compatible with SORAA LED Lamp

## OPTIONAL INSTALLED ACCESSORIES

SORAA LAMP	GLARE SHIELD	OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)
<b>XXXXX</b> SORAA LED Lamp Code	<b>GSA</b> A/B Glare Shield Angled	<b>LVR</b> Hexcel Louver	<b>GROUND MOUNT</b>
<b>08728</b> SORAA Brilliant HL 7.5W	<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> Dichroic 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

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

GLARE SHIELD ACCESSORIES	OPTIC ACCESSORIES
<b>GSL-16-XXX</b> A/B Glare Shield Long	<b>LVR-16</b> Hexcel Louver
<b>GSA-16-XXX</b> A/B Glare Shield Angled	<b>OSL-16</b> Overall Spread Lens
<b>GSS-16-XXX</b> A/B Glare Shield Short	<b>LSL-16</b> Linear Spread Lens
<b>CGSL-16-XXX</b> C Glare Shield Long	<b>SOL-16</b> Solite Soft Focus
<b>CGSA-16-XXX</b> C Glare Shield Angled	<b>DCF-16</b> Dichroic Filter
<b>CGSS-16-XXX</b> C Glare Shield Short	

CANOPY MOUNT	
<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
SURFACE MOUNT	
<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
TREE MOUNT	
<b>TM120C-ABR</b>	Aluminum Tree Mount Box (120V)
<b>TM120-TS-ABR</b>	Stainless Steel Strap for TM125
EXTENSIONS	
<b>EX-12-XXX</b>	12" Extension
<b>EX-24-XXX</b>	24" Extension
<b>EL-XXX</b>	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.

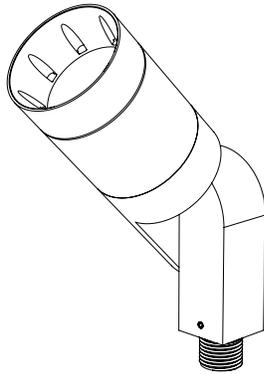
## OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

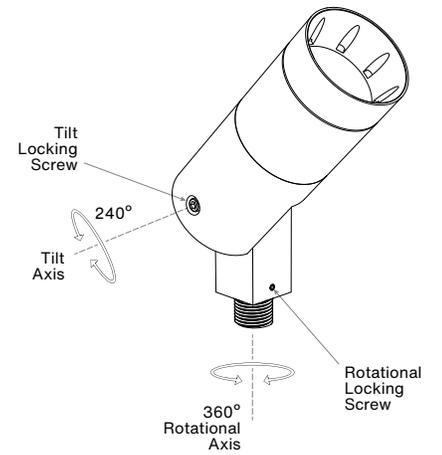
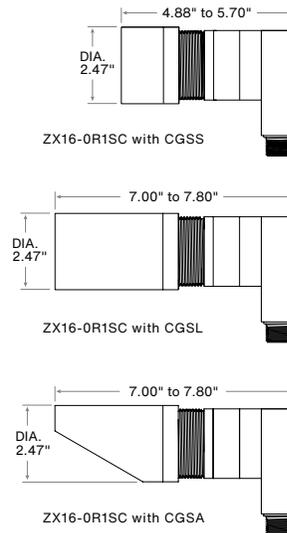
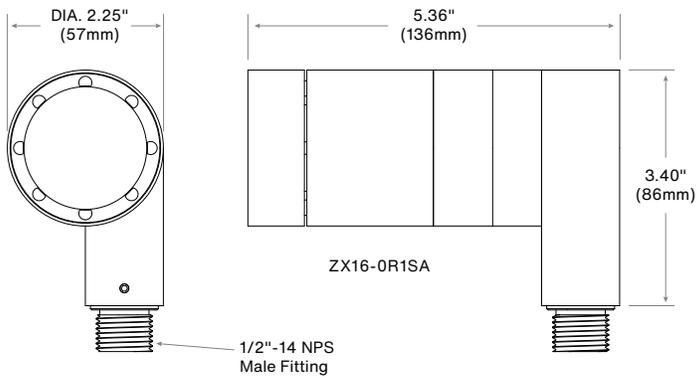
EXAMPLE: TXS-150-SS

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

**PRODUCT DRAWINGS**

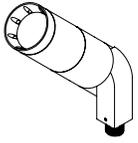


**ZX16-0R1SA**



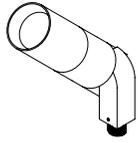
## OPTIONS & ACCESSORIES

### 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**



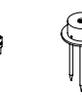
**MH02-06**



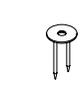
**MH02-12**



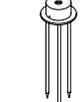
**JB-1**



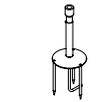
**MH02-T-06**



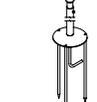
**MH05**



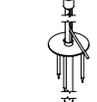
**MH02-T-12**



**MHVL-06-12**

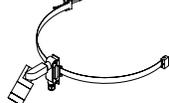


**MHVL-12-24**



**MH01**

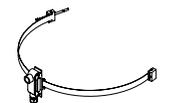
#### Tree Mount:



Fixture On TM120-TS



**TM120C**



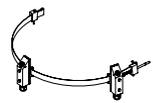
**TM120-TS**



**TM120C-SM-HB**



**TM125**



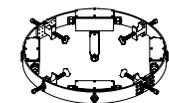
**TM125-TS-2**



**TM125-HB**



**TMR2**

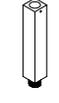


**TS-SO**

#### Extension:



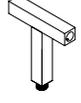
Fixture With EX,EL



**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: