

# ZX16 SQUARE



(includes former ZX16-SQ and ZX16-SQ-SOi model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25"

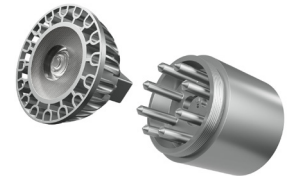
7.5W (640LM) | 12V | SORAA, LED Lamp, Halogen

## FEATURES

- Versatile square, directional MR16 (GU 5.3) modern accent light for residential and commercial 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.
- 90° 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.
- Ships complete with selected accessories installed.



SORAA LED Square Accent: ZX16-0S1SA-NBR



### 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

### 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 Hood Style with Angled, Short, or Long Glare Shields. (See page 4 for details).

### Voltage

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

### Wattage

Max. 9W for SORAA MR16 lamp with Thermobuster. Max. 50W for halogen lamp.

### Light Engine

MR16 Halogen lamp or MR16 SORAA® LED lamp. Please refer to [SORAA MR16 GU5.3](#) lamp selection.

### Dimming

MLV, ELV. Please refer to website for [SORAA MR16](#) dimmer compatibility.

### Lamp Base/Socket

Standard bi-pin socket for GU5.3/G4/GX5.3/GY6.35/GZ4.

### Optics

Accepts up to 3 accessory pieces (hexcel louver, optical lenses, dichroic color filters, etc.). Secured in place with metal snap ring.

### Mounting

Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices.

### Listings

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

## ORDERING GUIDE

 EXAMPLE: **ZX16-0S1SA-ABL-012VSL-08728-GSA-LVR-MHCS-06**

MODEL	PHYSICAL OPTIONS			MATERIAL / FINISH		LIGHT ENGINE	
<b>ZX16</b>	<b>0S1</b>	<b>S</b>	<b>A</b>			<b>012V</b>	
ZX16 Series 2.25" Accent Light SORAA LED, LED Lamp or Halogen Lamp Line Voltage (GU 5.3)	<b>TYPE</b>	<b>STYLE</b>	<b>HOOD</b>	<b>ABL</b> Aluminum Black		<b>VOLTAGE</b>	<b>LAMP</b>
	<b>0S1</b> Low Voltage, Square Accent	<b>S</b> Standard	<b>A</b> A Style: Weeping	<b>ABR</b> Aluminum Bronze		<b>012V</b> 12V AC (GU5.3 Lamp)	<b>NL</b> No Lamp <sup>2</sup>
				<b>AWH</b> Aluminum White			<b>SL</b> SORAA Lamp Included <sup>3</sup>
				<b>AAC</b> Aluminum Anodized Clear <sup>1</sup>			<b>SN</b> SORAA Lamp Not Included <sup>3</sup>
				<b>NBR</b> Natural Brass <sup>1</sup>			<b>CC</b> Custom Lamp Included
				<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>			

<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 SORRA LED Lamp

## OPTIONAL INSTALLED ACCESSORIES

SORAA LAMP	GLARE SHIELD	OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)
<b>XXXX</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>JB-1</b> Brass In-ground Junction Box
	<b>CGSL</b> C Glare Shield Long	<b>DCF</b> Dichroic Filter	<b>CANOPY MOUNT</b>
	<b>CGSS</b> C Glare Shield Short		<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

## 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	

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

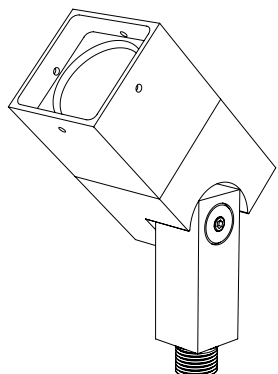
## OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

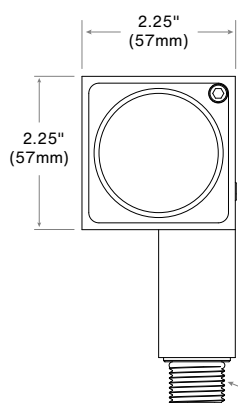
 EXAMPLE: **TXM-20-120**

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>-SS</b> (120V Only)
<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>

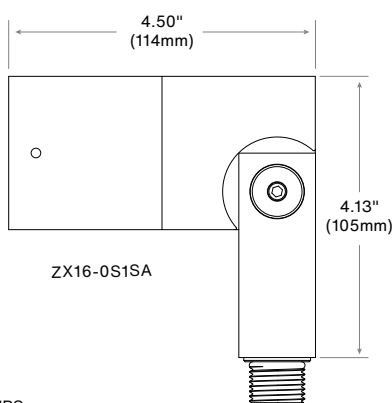
## PRODUCT DRAWINGS



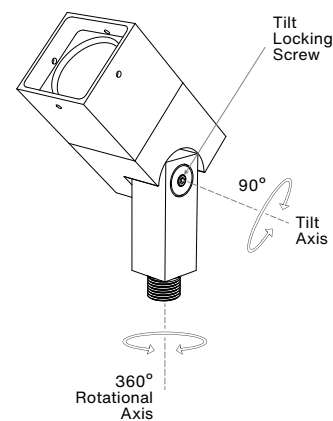
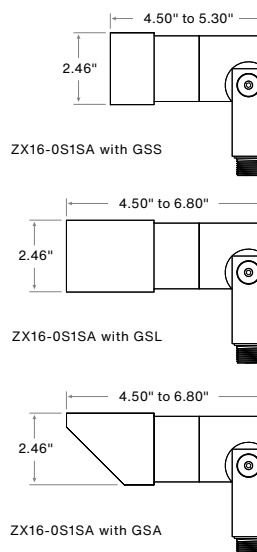
**ZX16-0S1SA**



1/2"-14 NPS  
Male Fitting

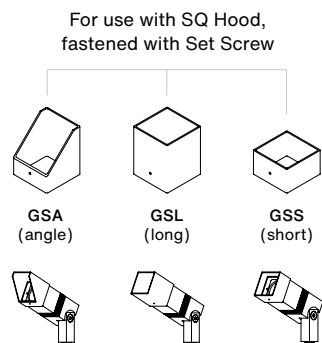


**ZX16-0S1SA**



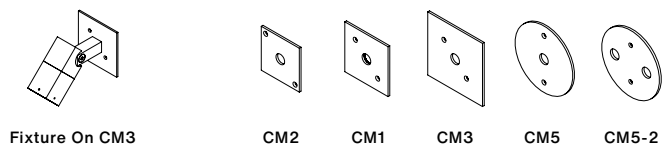
## OPTIONS & ACCESSORIES

### OPTIONAL GLARE SHIELD

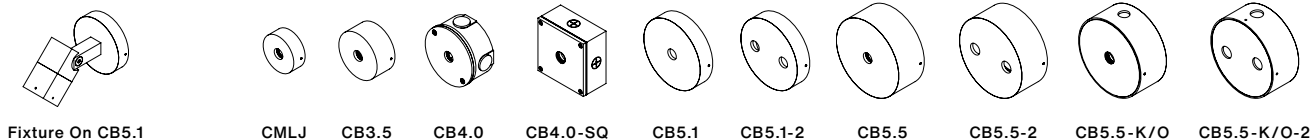


### MOUNTING ACCESSORIES

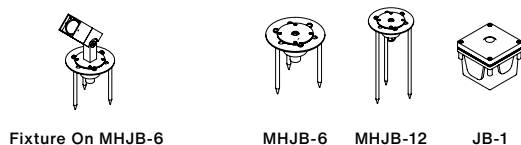
#### Canopy Plate:



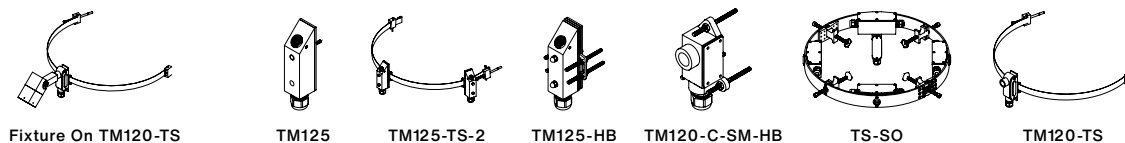
#### Surface Mount Box:



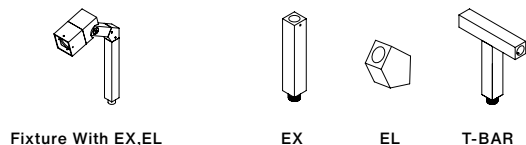
#### Ground Mount:



#### Tree Mount:



#### Extension:



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

#### Notes: