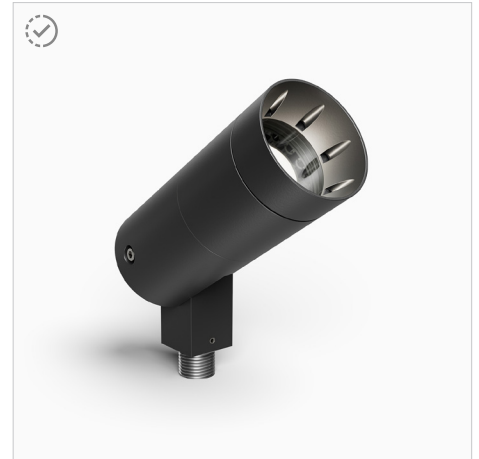


ZX16

(includes former ZX16 and ZX16-SOi model)

ACCENT & LANDSCAPE | ZX16 Series | 2.25"

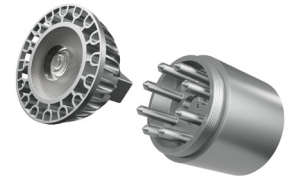
7.5W (640lm) | 12V | SORAA, LED Lamp, Halogen



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

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 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

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 Phase Control dimming. 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 mounting accessories (See page 4 for details).

Listings

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

ORDERING GUIDE

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

MODEL	PHYSICAL OPTIONS				MATERIAL / FINISH		LIGHT ENGINE	
ZX16	OR1	S				012V		
ZX16 Series 2.25" Accent Light SORAA LED, LED Lamp or Halogen Lamp Low Voltage (GU 5.3)	TYPE		STYLE	HOOD		VOLTAGE		
	OR1	Low Voltage, Round Accent¹	S Standard	A A Style: Weeping	ABL Aluminum Black	012V	12V AC (GU5.3 Lamp)	
				B B Style: No Weep Holes	ABR Aluminum Bronze			
				C C Style: Threaded, Weeping	AWH Aluminum White			
					AAC Aluminum Anodized Clear¹			
					NBR Natural Brass¹			
					NCU Natural Copper¹			
					NSS Natural Stainless Steel¹			
					CCC Custom Finish¹			

Ready made eligible configurations ship in 2 to 4 weeks

¹ Consult factory for specialty finish quoting and lead times

² Compatible with Halogen Lamp

³ Only compatible with SORAA LED Lamp

OPTIONAL INSTALLED ACCESSORIES

SORAA LAMP	GLARE SHIELD	OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)
XXXXX SORAA LED Lamp Code	GSA A/B Glare Shield Angled	LVR Hexcel Louver	GROUND MOUNT
08728 SORAA Brilliant HL 7.5W	GSL A/B Glare Shield Long	OSL Overall Spread Lens	MHCS-06 6" PVC Single Prong Spike (12V)
	GSS A/B Glare Shield Short	LSL Linear Spread Lens	MHCS-12 12" PVC Single Prong Spike (12V)
	CGSA C Glare Shield Angled	SOL Solite Soft Focus	MH02-06-BRZ 6" Stainless Steel 3-Prong Spike (12V) Bronze
	CGSL C Glare Shield Long	DCF Dichroic Filter	MH02-12-BRZ 12" Stainless Steel 3-Prong Spike (12V) Bronze
	CGSS C Glare Shield Short		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
			TM120C-ABR Aluminum Tree Mount Box (120V)
			TM120-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-16-XXX	A/B Glare Shield Long
GSA-16-XXX	A/B Glare Shield Angled
GSS-16-XXX	A/B Glare Shield Short
CGSL-16-XXX	C Glare Shield Long
CGSA-16-XXX	C Glare Shield Angled
CGSS-16-XXX	C Glare Shield Short

OPTIC ACCESSORIES

LVR-16	Hexcel Louver
OSL-16	Overall Spread Lens
LSL-16	Linear Spread Lens
SOL-16	Solite Soft Focus
DCF-16	Dichroic Filter

• 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.

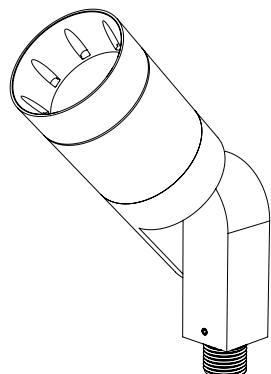
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

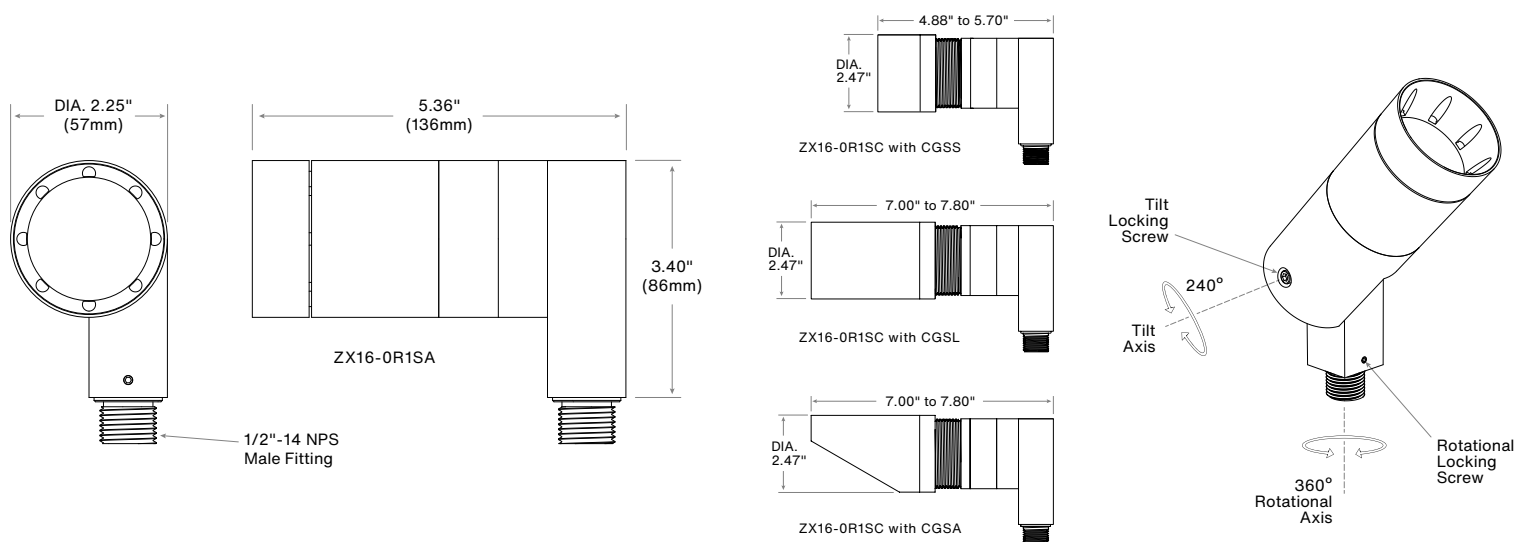
EXAMPLE: **TXS-150-SS**

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

PRODUCT DRAWINGS

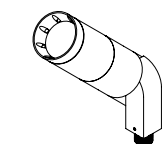


ZX16-0R1SA



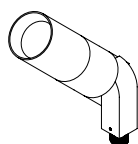
OPTIONS & ACCESSORIES

HOOD OPTIONS



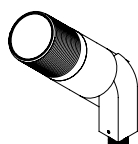
A HOOD

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

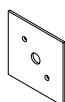
Canopy Mount:



Fixture On CM5



CM1



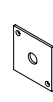
CM3



CM5

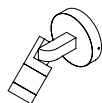


CM5-2



CM2

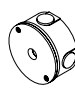
Surface Mount Box:



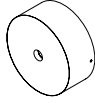
Fixture On CB5.1



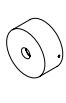
CMLJ



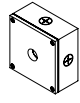
CB4.0



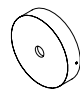
CB5.5



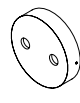
CB3.5



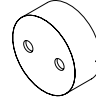
CB4.0-SQ



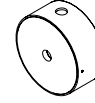
CB5.1



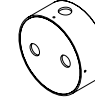
CB5.1-2



CB5.5-2

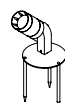


CB5.5-2K



CB5.5-2-2K

Ground Mount:



Fixture On MH02



MHCS



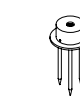
MH02-06



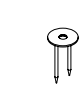
MH02-12



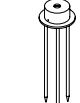
JB-1



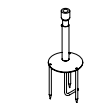
MH02-T-06



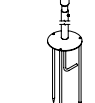
MH05



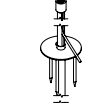
MH02-T-12



MHVL-06-12

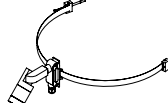


MHVL-12-24



MH01

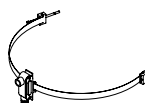
Tree Mount:



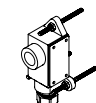
Fixture On TM120-TS



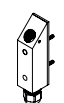
TM120C



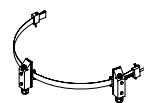
TM120-TS



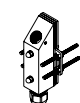
TM120C-SM-HB



TM125



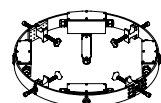
TM125-TS-2



TM125-HB

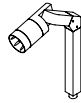


TMR2

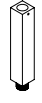


TS-SO

Extension:



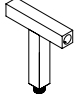
Fixture With EX,EL



EX



EL



ET

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

Ready-made eligible configurations ship in 2 to 4 weeks.

Notes: