

SIGN-1-SOi

SIGN & POLE | SIGN16 Series | 2.25" dia.

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

Project Name

Fixture Type

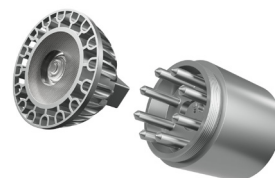
FEATURES



- 7.5W SORAA LED modular sign light.
- CSA Listed for Wet Location, IP67 Standard.
- Utilize adjustable accent fixture head with directional light.
- Field changeable SORAA LED lamp and accessories.
- US patented integral SORAA® heat sink.
- GU5.3 socket.



Low Voltage SORAA Sign Light: SIGN-1-SOi in Black



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 solid billet 6061-T6 corrosion-resistant aluminum with 304 stainless steel hardware. Available in 316 stainless steel or 360 brass upon request.

Finish

Polyester powder coat on all aluminum materials with RoHS compliant procedures. Anodized finish is available. Stainless steel and brass models are provided with brushed surface.

Hood and Glare Shield

3 available hood options to suit any application. 3 optional glare shields (short, long, angled) to complement each hood choice. (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 Source

MR16 Halogen or MR16 SORAA LED lamp. Compatible with SORAA Brilliant HL and other MR16 GU5.3 lamp selections. (See Ordering Guide for available lamp options and specifications)

Dimming

MLV, ELV Phase Control dimming. Please refer to website for [SORAA GU5.3](#) dimmer compatibility.

Lamp Base/Socket

Standard MR16 Bi-Pin socket for GU5.3.

Optics

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

Mounting

Mounts using a 1/2"-14 NPS male fitting compatible with all HK Lighting mounting accessories. (See page 4 for details)



ORDERING GUIDE

EXAMPLE: SIGN-1-SOi-A-12V-BK-24-08728-GSA-LVR-CB4.0

MODEL	MATERIAL	HOOD	VOLTAGE	FINISH	EXTENSION
SIGN-1-SOi			12V		
SIGN16 Series 2.25" Sign Light SORAA LED, LED Lamp, or Hallogen Lamp Low Voltage (GU5.3)	BLANK	Aluminum (Standard)	12V 12V AC	BK	Black Powder Coat
	NBR	Natural Brass ¹		BZ	Bronze Powder Coat
	NSS	Natural Stainless Steel ¹		WT	White Powder Coat
	CU	Natural Copper ¹		ABK	Anodized Black ¹
		A A Style: Weeping		ACL	Anodized Clear ¹
		B B Style: No Weep Holes		CC	Custom Powder Coat ¹
		C C Style: Threaded, Weeping			
					LENGTH
					12 12"
					24 24"
					30 30"

¹ Consult factory for specialty finish quoting
and lead times

OPTIONAL INSTALLED ACCESSORIES

LAMP	GLARE SHIELD	OPTIC (Select up to 3)	MOUNTING
0 No Lamp	GSA A/B Glare Shield Angled	LVR Hexcel Louver	CANOPY MOUNT
XXXXX SORAA LED Lamp Code	GSL A/B Glare Shield Long	OSL Overall Spread Lens	CM5 5" Round Canopy Plate
08728 SORAA Brilliant HL 7.5W	GSS A/B Glare Shield Short	LSL Linear Spread Lens	CM1 3.75" Square Canopy Plate
	CGSA C Glare Shield Angled	SOL Solite Soft Focus	CM3 4.75" Square Canopy Plate
	CGSL C Glare Shield Long	DCF Dichroic Filter	SURFACE MOUNT
	CGSS C Glare Shield Short		CB4.0 4" Round Surface Box
			CB5.5 5.5" Round Surface Box

• Most common listed, see Page 4 for
additional options

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

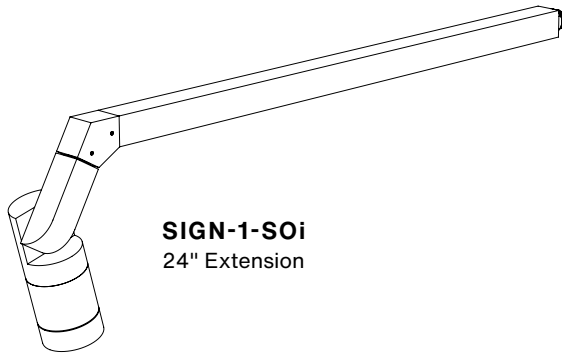
TRANSFORMERS (Go to [Accessories](#) for detailed specification)

EXAMPLE: TXS-150-SS

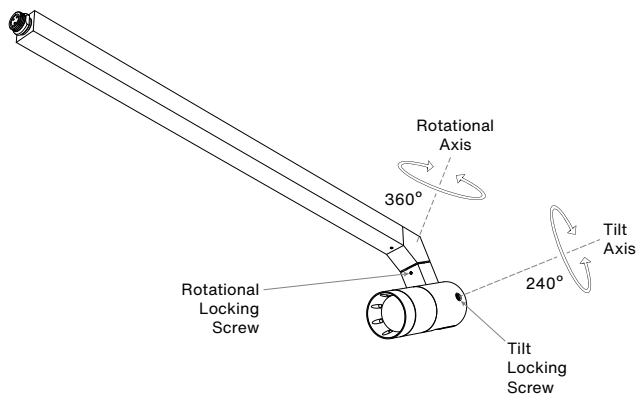
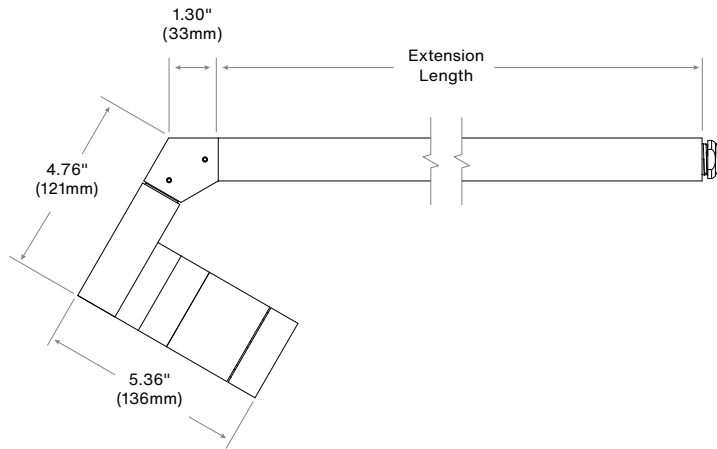
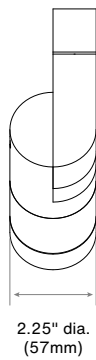
MODEL	WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM Stainless steel, wet location outdoor magnetic transformer Multitap 12-15VAC Output MLV Dimming	150 300	OTR-SS (120V Only)
TXS Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	150 300 600	SS (120V Only)
TXM Compact, damp location magnetic transformer 12VAC Output MLV Dimming	20 40 60 100	120
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

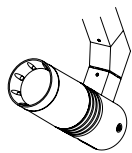


SIGN-1-SOi
24" Extension



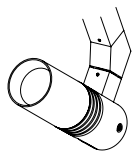
OPTIONS & ACCESSORIES

HOOD OPTIONS



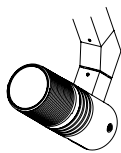
A HOOD

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.

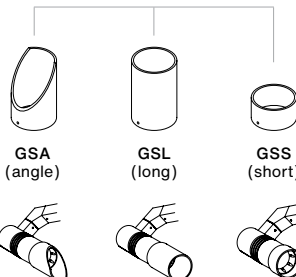


C HOOD

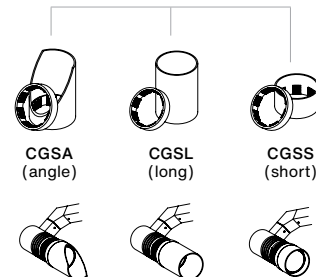
Designed for permanent use with a glare shield and innovative drainage design for water and debris. The machined threads enable ongoing glare shield adjustment, without impact to the paint surface.

OPTIONAL GLARE SHIELD

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

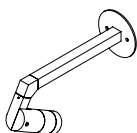


For use with C Hood
Fastened with Locking Ring



MOUNTING ACCESSORIES

Canopy Mount:



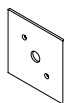
Fixture On CM5



CM2



CM1

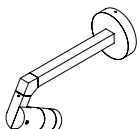


CM3



CM5

Surface Mount Box:



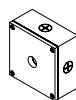
Fixture On CB5.1



CB3.5



CB4.0



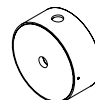
CB4.0-SQ



CB5.1



CB5.5



CB5.5-2K

Notes: