

Sentinel

ARTOS16

SECURITY | 2.25" dia.

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

FEATURES



- Single or double-head modern side pivot style low-voltage, MR16 (GU5.3) fixture. Surface-mounts to walls or other architectural surfaces for aimable area and security lighting.
- Built on the ARTOA16 Accent Light platform, with heads that rotate and tilt to aim down or across for broader coverage. Ships installed to the new ACBA1 or ACBA2 4.75" Surface Mount Box.
- Flexible lamp configurations include the SORAA® Brilliant™ HL LED installed in our patented Thermobuster™ heat sink or your preferred MR16 (GU5.3) LED or halogen lamp.
- Wet Location Listed, IP67 Standard.
- Machined from solid 6061-T6 aluminum, then anodized and powder coated black, bronze, or white to create a highly durable, marine-grade finish.
- 180° vertical and 360° horizontal adjustment via locking swivel stem design.
- Field-changeable optical accessories available.
- Adjustable Angled Shield available.
- Every fixture tested end of line for water tightness and light quality.



Sentinel SORAA Low Voltage Security Light - Single:
ARTOS16-S1 in White



Sentinel SORAA Low Voltage Security Light - Double:
ARTOS16-S2 in Bronze

SPECIFICATIONS

Materials

Solid billet 6061-T6 corrosion-resistant aluminum with 304 stainless steel hardware.

Finish

Aluminum fixtures are anodized and then powder coated to create a robust, marine-grade, natatorium-grade finish.

Hood and Glare Shield

Clean aesthetic, non-weeping Hood Style. Set screw Angled Glare Shield. (See page 5 for details)

Voltage

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

Wattage

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

Light Engine

MR16 Halogen or MR16 SORAA LED lamp. Compatible with SORAA Brilliant HL and other 12V MR16 GU5.3 lamp selections. (See Ordering Guide for available lamp options and specifications)

Dimming

MLV, ELV Phase Control Dimming at 12V. Please refer to website for [SORAA MR16](#) dimmer compatibility.

Optics

Provided SORAA lamp delivers a 10° beam spread. Select optional SORAA Snap System Beam Spreader magnetic lenses to expand optical beam up to 60°. Accepts up to 3 optical accessories secured in place with metal snap ring. (See Ordering Guide for available SORAA lamp options)

Mounting

Single Area Light (Type-R1) ships mounted to a ACBA1 Surface Mount Box. Double Area Light (Type-R2) ships pre-mounted to a ACBA2 Surface Mount Box. Both variants mount directly to any architectural surface and are compatible with standard 30 and 40 junction boxes. Each light includes a 1/2"-14 NPS male fitting that is compatible with the included Surface Mount Box or is compatible with a wide range of HK Lighting mounting accessories.

Listings

CSA Listed for Wet Location (UL1838), IP67 Standard. RoHS Compliant.

ORDERING GUIDE

EXAMPLE: **ARTOS16-S1-012VSL-08722-BK**

MODEL	PHYSICAL OPTIONS	POWER	SORAA LAMP		MATERIAL / FINISH
ARTOS16		012V			
2.25" Security Light SORAA LED, LED Lamp or Halogen Lamp Low Voltage (GU5.3)	S1 Side Pivot, Single	VOLTAGE 012V 12V AC (GU5.3 Lamp)	LAMP		
	S2 Side Pivot, Double		SL	SORAA Lamp Included ¹	BK Aluminum Black
			SN	SORAA Lamp Compatible ¹	BZ Aluminum Bronze
			NL	No Lamp ²	WT Aluminum White

¹Only compatible with SORAA LED Lamp.

²Compatible with Halogen Lamp.

³Use SORAA Snap System Beam Spreader lenses to expand optical beams up to 60°.

OPTIONAL ACCESSORIES (Not installed at time of order)

GLARE SHIELD	SORAA LAMP	SORAA SNAP SYSTEM BEAM SPREADER	OPTIC
AGSA-16-XX B-Hood Glare Shield Angled	ASL-08728 SORAA Brilliant HL (7.5W, 10°, 2700K) Included ³ ASL-08722 SORAA Brilliant HL (7.5W, 10°, 3000K) Included ³	ALASO-SNAP17-03263 SORAA SNAP 17° Beam Spreader ALASO-SNAP25-00325 SORAA SNAP 25° Beam Spreader ALASO-SNAP36-00327 SORAA SNAP 36° Beam Spreader ALASO-SNAP60-00329 SORAA SNAP 60° Beam Spreader	ALVR-16 Hexcel Louver AOSL-16 Overall Spread Lens ALSL-16 Linear Spread Lens ASOL-16 Solite Soft Focus

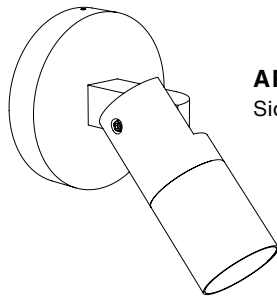
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

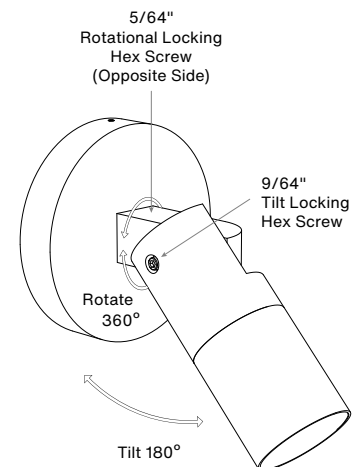
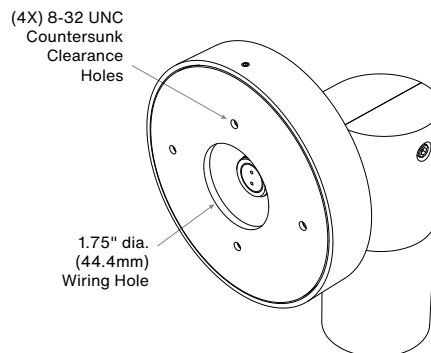
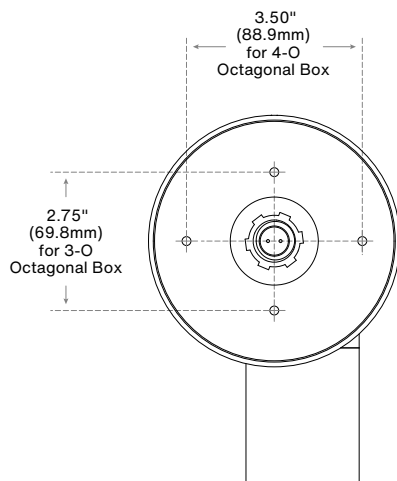
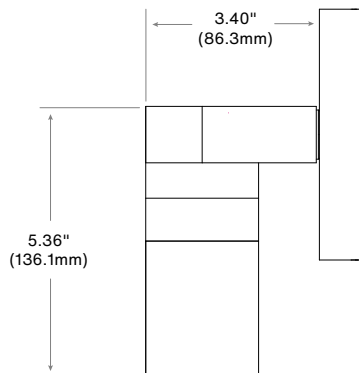
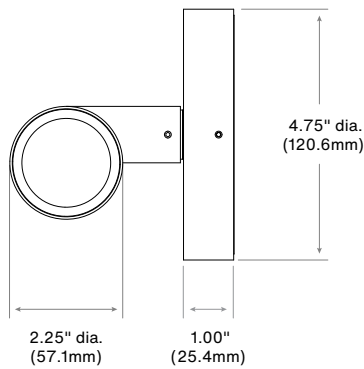
EXAMPLE: **ATXM-150-OTR-SS**

ATXM	OTR-SS
MODEL	PRIMARY VOLTAGE (VAC)
ATXM Stainless steel, wet location outdoor magnetic transformer Multitap 12-15VAC Output MLV Dimming	OTR-SS 120V Only
WATTAGE (VA)	
150 150 Watts	
300 300 Watts	

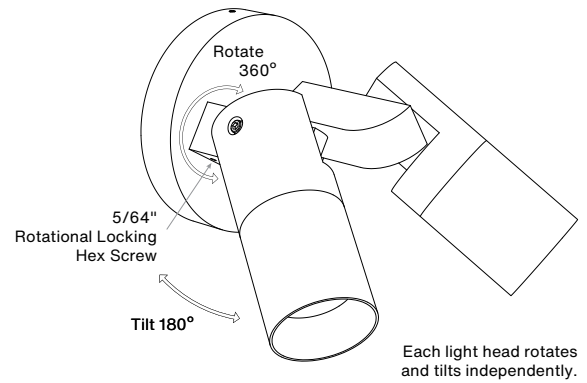
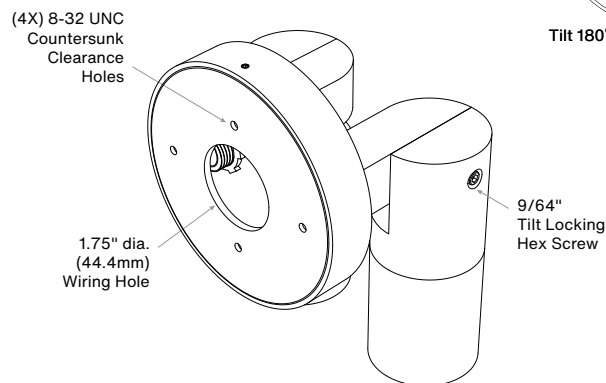
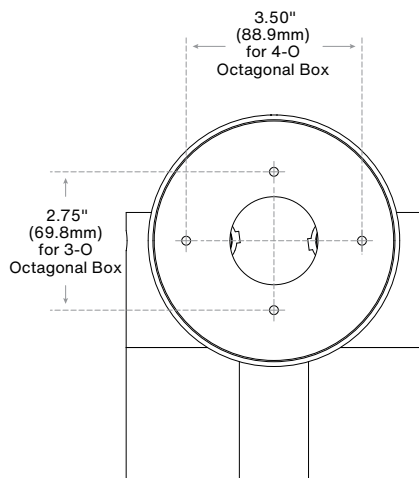
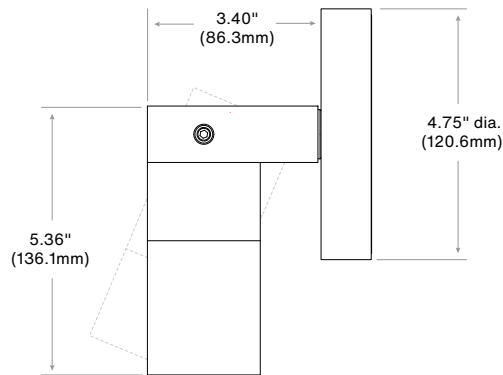
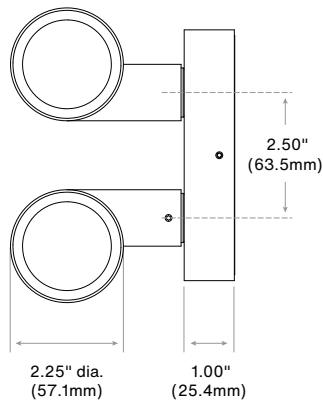
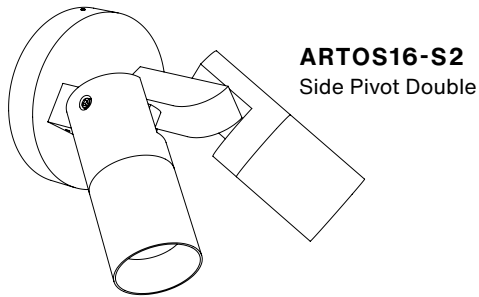
PRODUCT DRAWINGS



ARTOS16-S1
Side Pivot Single



PRODUCT DRAWINGS



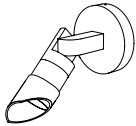
OPTIONS & ACCESSORIES

OPTIONAL GLARE SHIELD

For use with B Hood,
fastened with Set Screw



AGSA
(angle)

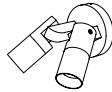


INCLUDED MOUNTING ACCESSORIES

Surface
Mount Box:



Fixture On ACBA1



Fixture On ACBA2

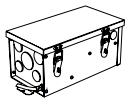


ACBA1



ACBA2

TRANSFORMER



Magnitude Otter™ Landscape Transformer Series

150W or 300W, 120V input, multi-tap output, with light sensor and surge protection. (11.46" h x 6.132" w x 5.69" d)

ATXM-150-OTR-SS
ATXM-300-OTR-SS

WIRING For more information visit: lightingshrink.com



LightingShrink® Crimper
HK Lighting requires use of the LightingShrink crimper system for product warranty.

ALSC-CR



LightingShrink® Connector Small (Blue) - 20 pack

ALSC-SM20



LightingShrink® Connector Medium (Yellow) - 20 pack

ALSC-MD20

Notes: