

Sentinel

ARTOS16 Center Pivot

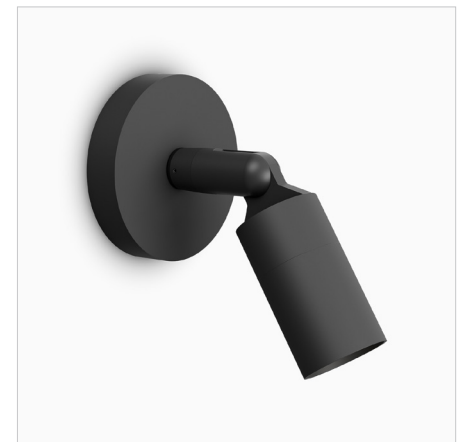
SECURITY | 2.25" dia.

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

FEATURES



- Single or double-head modern Center 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 lamp-based Center Pivot Accent Light platform, with heads that rotate and tilt to aim down or across for broader coverage. Ships installed to the 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 aircraft-grade (6061-T6), corrosion-resistant aluminum, then anodized and powder coated black, bronze, and 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-C1 in Black



Sentinel SORAA Low Voltage Security Light - Double:
ARTOS16-C2 in White

SPECIFICATIONS

Materials

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

Finish

Aluminum materials are first 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)

Lamp Base/Socket

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

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-C1) ships mounted to a ACBA1 Surface Mount Box. Double Area Light (Type-C2) 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. Narrow-band Amber LED meets wildlife and turtle-safe lighting requirements.

ORDERING GUIDE

EXAMPLE: **ARTOS16-C1-012VSL-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)	C1	Center Pivot, Single	VOLTAGE		LAMP		08722	Brilliant HL (7.5W, 10°, 2700K) Included ³
	C2	Center Pivot, Double	012V	12V AC (GU5.3 Lamp)	SL	SORAA Lamp Included ¹	08728	Brilliant HL (7.5W, 10°, 3000K) Included ³
					SN	SORAA Lamp Compatible ¹	BK	Aluminum Black
					NL	No Lamp ²	BZ	Aluminum Bronze
							WT	Aluminum White

¹ Only compatible with SORRA LED Lamp.

² Compatible with Halogen Lamp.

³ Use 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	ALVR-16	Hexcel Louver
			ASL-08722	SORAA Brilliant HL (7.5W, 10°, 3000K) Included ³	AOSL-16	Overall Spread Lens
			ALASO-SNAP17-03263	SORAA SNAP 17° Beam Spreader	ALSL-16	Linear Spread Lens
			ALASO-SNAP25-00325	SORAA SNAP 25° Beam Spreader	ASOL-16	Solite Soft Focus
			ALASO-SNAP36-00327	SORAA SNAP 36° Beam Spreader		
			ALASO-SNAP60-00329	SORAA SNAP 60° Beam Spreader		

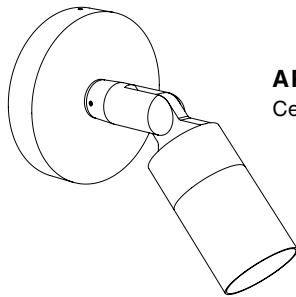
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

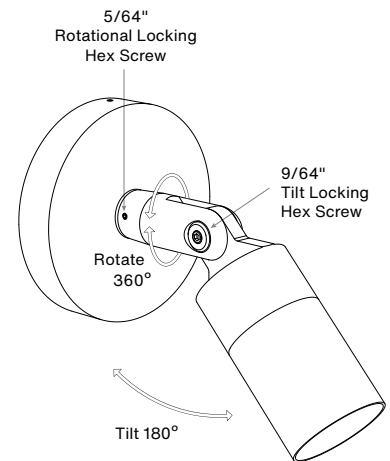
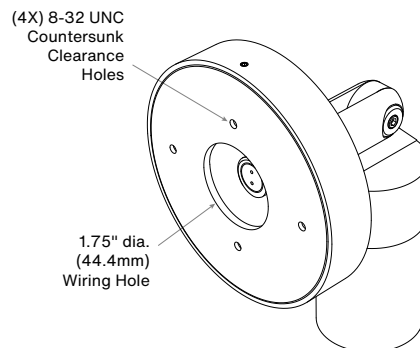
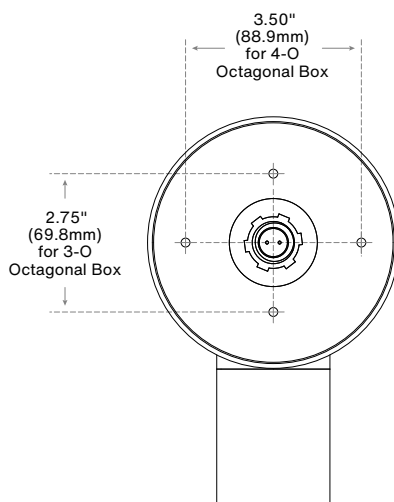
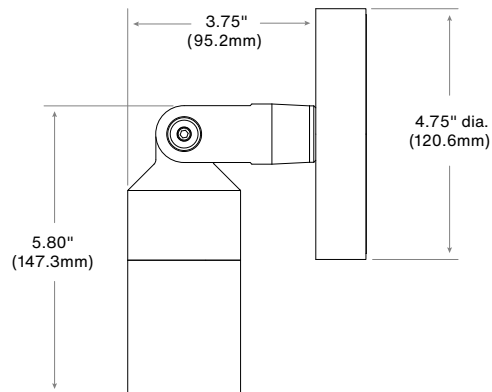
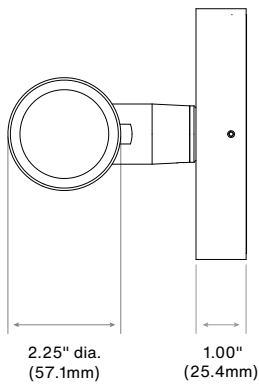
EXAMPLE: **ATXM-150-OTR-SS**

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
		150	150 Watts
		300	300 Watts

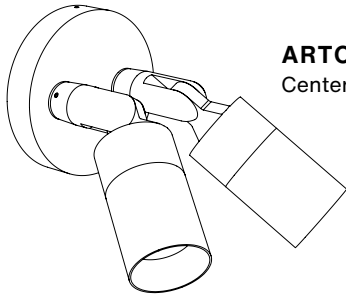
PRODUCT DRAWINGS



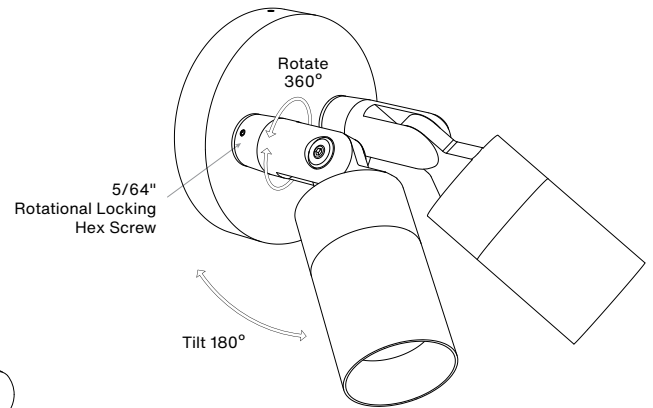
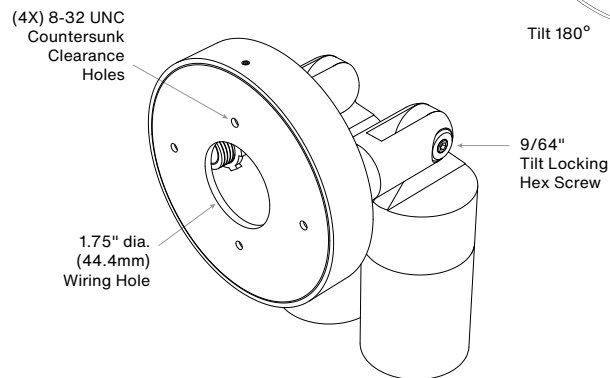
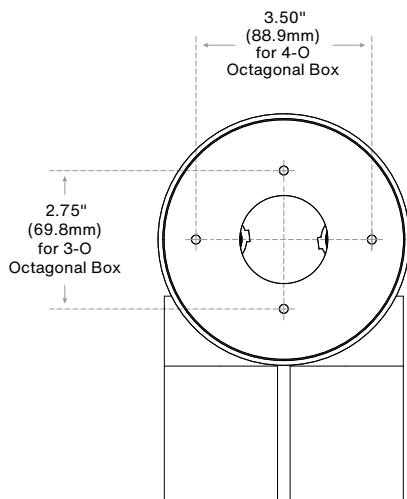
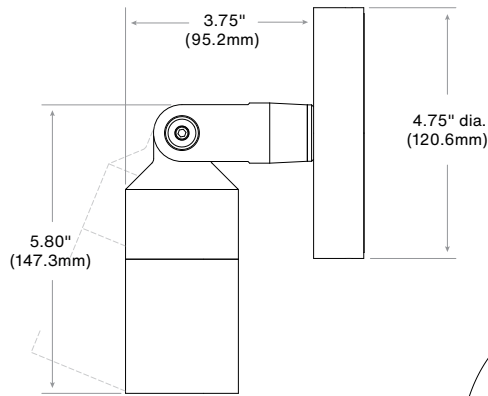
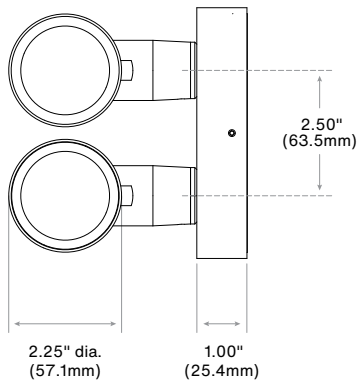
ARTOS16-C1
Center Pivot Single



PRODUCT DRAWINGS



ARTOS16-C2
Center Pivot Double

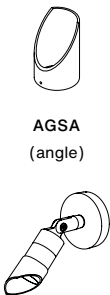


Each light head rotates
and tilts independently.

OPTIONS & ACCESSORIES

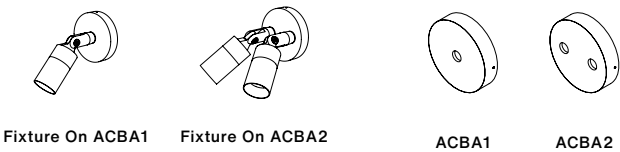
OPTIONAL GLARE SHIELD

For use with B Hood,
fastened with Set Screw

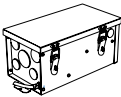


INCLUDED MOUNTING ACCESSORIES

Surface
Mount Box:



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: