

Sentinel

ARTOSLA16

SECURITY | 2.25" dia.
 5–10W (500–950lm) | 12V | HK LED, Amber

FEATURES



- Single or double-head modern side pivot style low-voltage, 12V fixture. Surface-mounts to walls or other architectural surfaces for aimable area and security lighting. Features the Sentinel Adjustable Beam Optic for precise light aiming.
- Sentinel Optic enables easy beam angle adjustment from 14° to 70° with a quick hood slide, locking securely in place with a set screw for precise and reliable positioning.
- 5W, 10W integrated HK LED delivering 500–950 lumens per light head. 2700K, 3000K CCT. Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements.
- Wet Location Listed, IP67 Standard.
- Machined from solid aircraft-grade (6061-T6), corrosion-resistant 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.
- Weeping hood style, integrated Angled Glare Shield. With less than 1% field light, the Adjustable Optic provides superior glare control.
- Every fixture tested end of line for water tightness and light quality.



Sentinel Low Voltage Adjustable Security Light
 Single: ARTOSLA16-S1 in Bronze



Sentinel Low Voltage Adjustable Security Light
 Double: ARTOSLA16-S2 in White

SPECIFICATIONS

Materials Solid billet 6061-T6 corrosion-resistant aluminum with 304 stainless steel hardware.	Voltage 12V AC/DC. Requires remote step down transformer.	Optics The Adjustable Beam Optic allows precise beam angle adjustment from a very narrow 14° spotlight to an extra wide 70° flood, locking securely with the set screw. It maintains less than 1% field light levels.
Finish Aluminum materials are first anodized and then powder coated to create a robust marine-grade, natatorium-grade finish.	Wattage 5–10W HK LED delivers 500–950 lumens per light head.	Mounting Single Security Light (Type-S1) ships mounted to an ACBA1 Surface Mount Box. Double Security Light (Type-S2) ships pre-mounted to an ACBA2 Surface Mount Box. Both variants mount directly to any architectural surface and are compatible a standard 30 and 40 junction boxes. Each light includes a ½"-14 NPS male fitting that is compatible with the included Surface Mount Box or a wide range of HK Lighting mounting accessories.
Hood Styles Weeping Hood Style with integrated Angled Glare Shield.	Light Engine Innovative HK LED Light module operates like a lamp and can be easily changed in the field. CRI 90 Standard. 2700K, 3000K CCT. Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements.	Listings CSA Listed for Wet Location (UL1838), IP67 Standard RoHS Compliant. Narrow-band Amber LED meets wildlife and turtle-safe lighting requirements.
	Dimming MLV or ELV Phase Control dimming.	

ORDERING GUIDE

EXAMPLE: **ARTOSLA16-S1-012V05W-27A-BK**

MODEL	PHYSICAL OPTIONS		POWER		LIGHT		MATERIAL / FINISH	
ARTOSLA16			012V				A	
2.25" Security Light Integrated HK LED	S1	Side Pivot, Single	VOLTAGE		WATTAGE PER LIGHT		OPTICS	
	S2	Side Pivot, Double	012V	12V AC	05W	5 Watt (500lm) ¹	A	Adjustable (14° - 70°)
					10W	10 Watt (950lm) ¹	BK	Aluminum Black
							BZ	Aluminum Bronze
							WT	Aluminum White
					27	2700K		
					30	3000K		
					AM	Amber ²		

¹ Wattage and lumen values are per light head

² Amber LED available in 5W configurations only

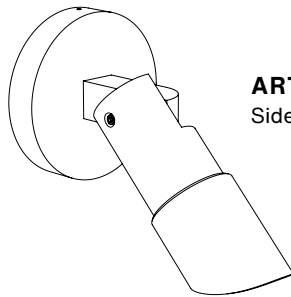
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

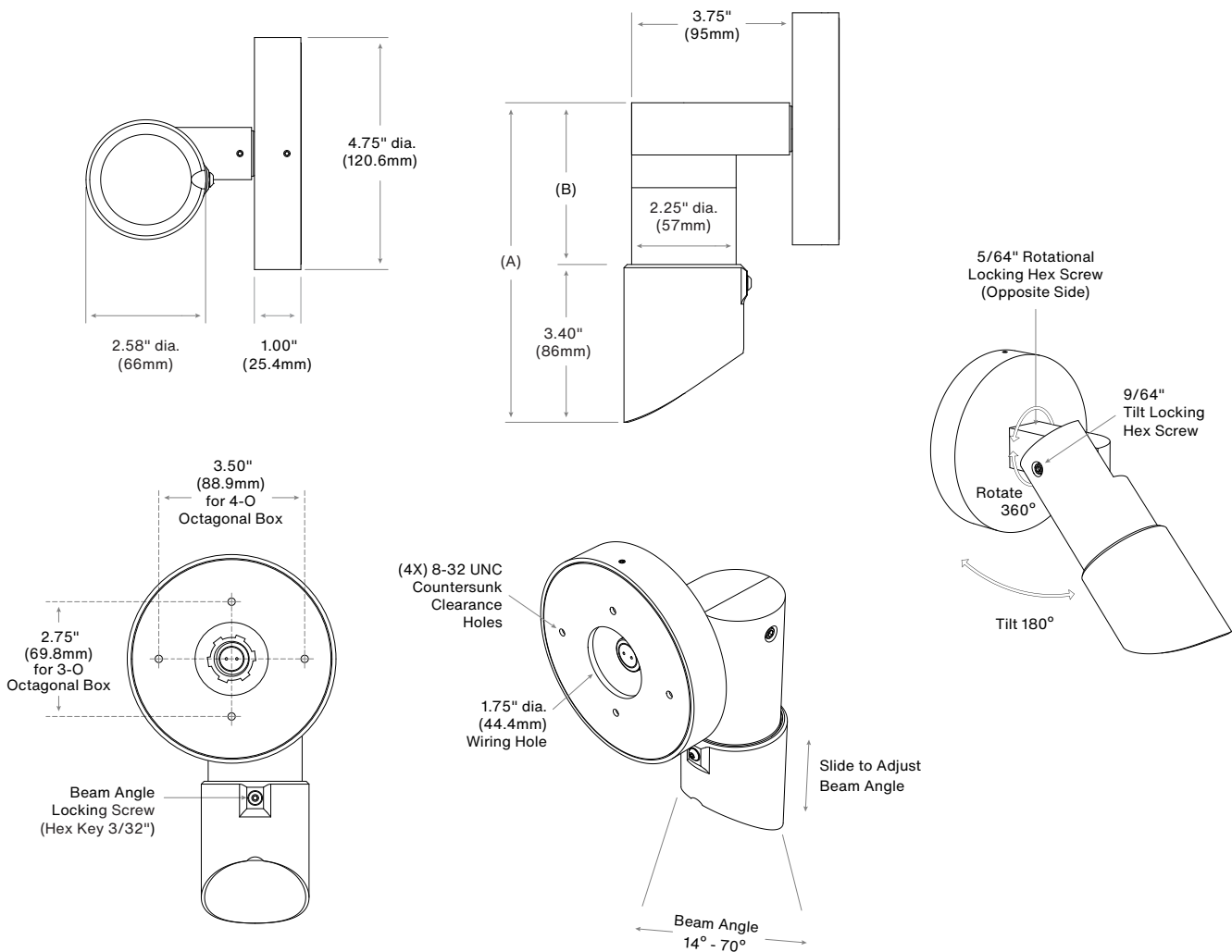
EXAMPLE: **ATXM-150-OTR-SS**

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

PRODUCT DRAWINGS

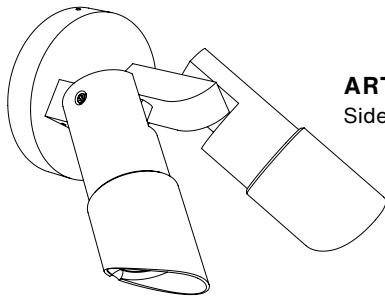


ARTOSLA16-S1
Side Pivot Single

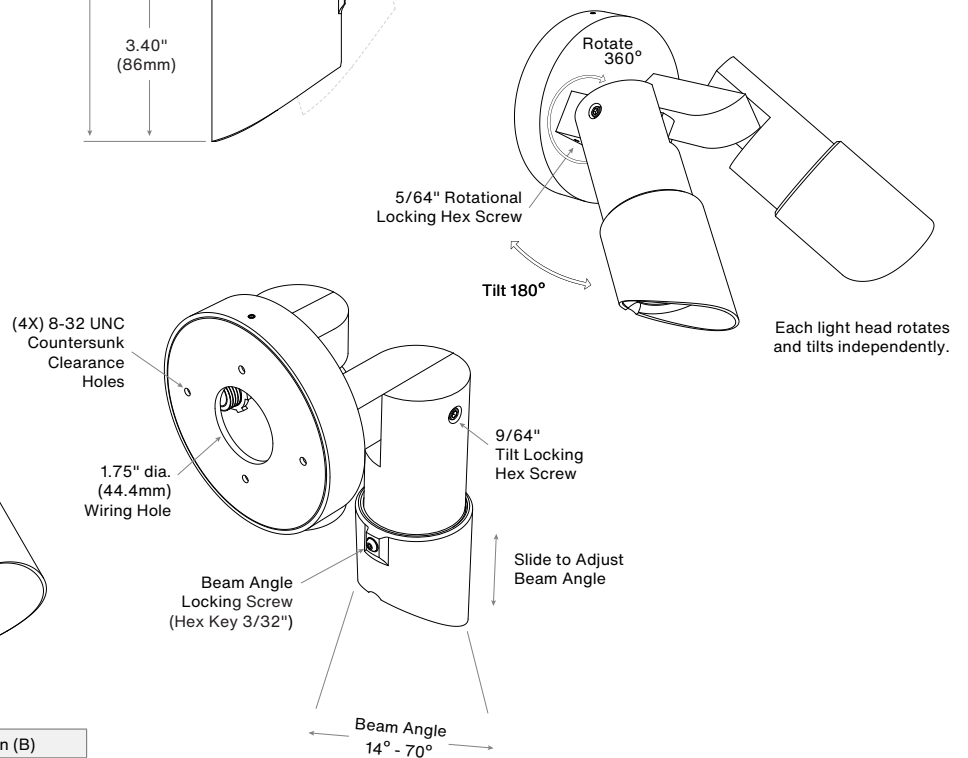
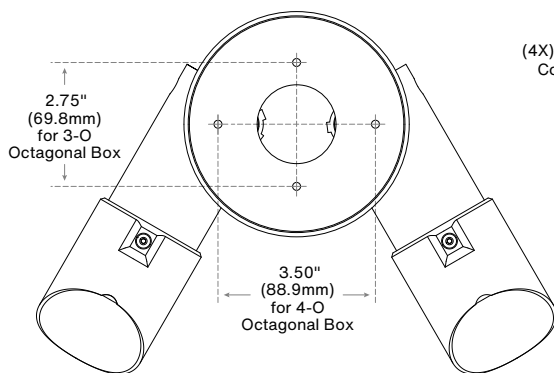
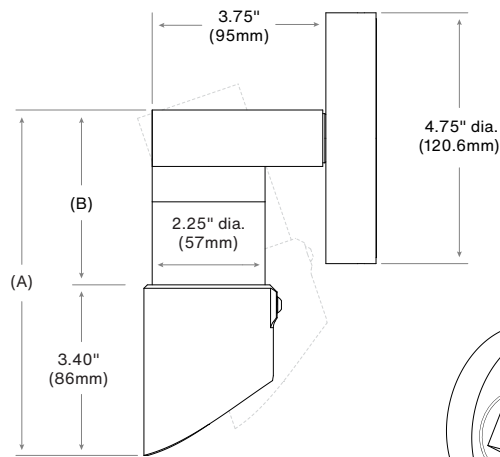
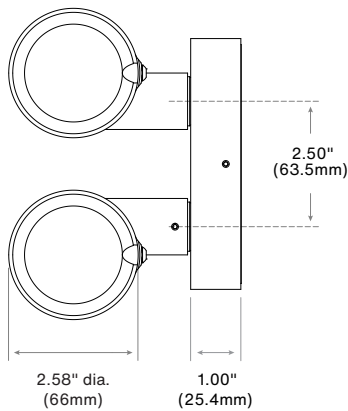


Beam Angle (FWHM)	Dimension (A)	Dimension (B)
70	6 7/8" / 175mm	3 1/2" / 89mm
50	7 1/16" / 180mm	3 11/16" / 94mm
35	7 9/16" / 185mm	3 7/8" / 99mm
25	7 1/2" / 190mm	4 1/16" / 104mm
14	8" / 201mm	4 9/16" / 115mm

PRODUCT DRAWINGS



ARTOSLA16-S2
Side Pivot Double



Beam Angle (FWHM)	Dimension (A)	Dimension (B)
70	6 7/8" / 175mm	3 1/2" / 89mm
50	7 1/16" / 180mm	3 11/16" / 94mm
35	7 9/16" / 185mm	3 7/8" / 99mm
25	7 1/2" / 190mm	4 1/16" / 104mm
14	8" / 201mm	4 9/16" / 115mm

OPTIONS & ACCESSORIES

INCLUDED MOUNTING ACCESSORIES

Surface
Mount Box:

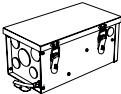


Fixture On ACBA1 Fixture On ACBA2



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

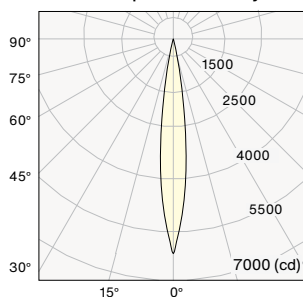
Notes:

PHOTOMETRY & ENERGY DATA

ARTOSLA16 (Very Narrow)

Input Power	11.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	14°
Max. Candlepower	6132cd
Delivered Lumens	450lm
Efficacy	39lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

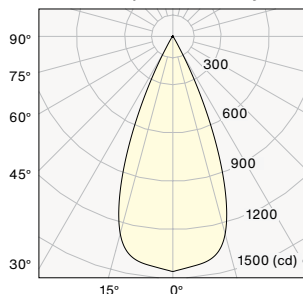
Light Level (fc)	Beam Diameter	Mtg Height
1533.11	0.48'	2.0'
383.28	0.95'	4.0'
170.35	1.43'	6.0'
95.82	1.90'	8.0'
61.32	2.38'	10.0'

1/2 Beam Angle: 14°

ARTOSLA16 (Medium)

Input Power	11.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	44°
Max. Candlepower	1467cd
Delivered Lumens	711lm
Efficacy	62lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

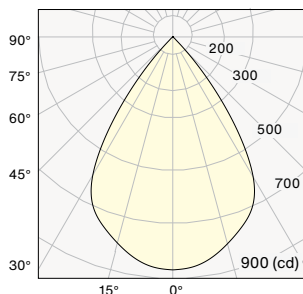
Light Level (fc)	Beam Diameter	Mtg Height
366.67	1.60'	2.0'
91.67	3.21'	4.0'
40.74	4.81'	6.0'
22.92	6.42'	8.0'
14.67	8.02'	10.0'

1/2 Beam Angle: 44°

ARTOSLA16 (Extra Wide)

Input Power	11.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	69°
Max. Candlepower	870cd
Delivered Lumens	943lm
Efficacy	82lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Light Level (fc)	Beam Diameter	Mtg Height
217.57	2.74'	2.0'
54.39	5.48'	4.0'
24.17	8.22'	6.0'
13.60	10.96'	8.0'
8.70	13.70'	10.0'

1/2 Beam Angle: 69°

WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.53
10 Watt	1.00

CCT MULTIPLIER

Color Temp.	Multiplier
Amber	0.55
2700k	0.97
3000k	1.00