

Sentinel

ARTOSL11

SECURITY | 1.65" dia.

5-7W (450-675lm) | 12V | HK LED, Amber

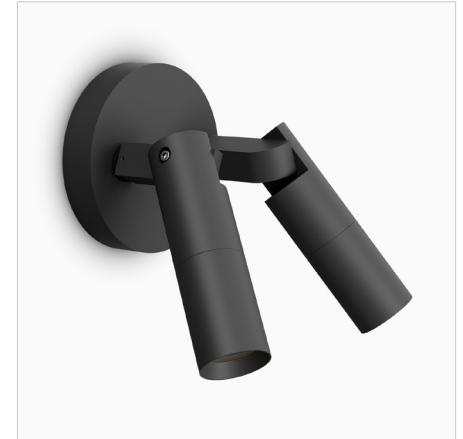
FEATURES



- Single or double-head modern side pivot style low-voltage, 12V LED fixture. Surface-mounts to walls or other architectural surfaces for aimable area and security lighting.
- Built on the ARTOAL11 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.
- 5W, 7W integrated HK LED delivering 450-675 lumens per light head. 2700K and 3000K CCT options. 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.
- Modular components, field-changeable optical beams, and lenses.
- Adjustable Angled Glare Shield available.
- Every fixture tested end of line for water tightness and light quality.



Sentinel Low Voltage Security Light - Single:
ARTOSL11-S1 in Bronze



Sentinel Low Voltage Security Light - Double:
ARTOSL11-S2 in Black

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

5 or 7W HK LED delivers 450-675 lumens per light head.

Light Engine

Innovative HK LED Light module operates like a lamp and can be easily changed in the field. CRI 90 Standard. 2700K and 3000K CCT. Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements.

Dimming

MLV or ELV Phase Control dimming.

Optics

Narrow (29°), Medium (40°), and Wide (57°) beam spread options available. Accepts up to 3 optical accessories secured in place with metal snap ring.

Mounting

Single Area Light (Type-S1) ships pre-mounted to a ACBA1 Surface Mount Box. Double Area Light (Type-S2) 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 ½"-14 NPS male fitting compatible with the included Surface Mount Box and the full 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: **ARTOSL11-S1-012V07W-30N-BK**

MODEL	PHYSICAL OPTIONS	POWER	LIGHT				MATERIAL / FINISH	
ARTOSL11		012V						
1.65" Security Light Integrated HK LED	S1 Side Pivot, Single	VOLTAGE	WATTAGE PER LIGHT		CCT		OPTICS	BK Aluminum Black
	S2 Side Pivot, Double	012V 12V AC	05W	5 Watt (450lm) ¹	27	2700K	N Narrow (29°)	BZ Aluminum Bronze
			07W	7 Watt (675lm) ¹	30	3000K	M Medium (40°)	WT Aluminum White
					AM	Amber ²	W Wide (57°)	

¹Listed wattage and lumen values are per light head.
Double Area Lights provide twice the listed wattage and lumen output.

² Amber LED available in 5W configurations only

OPTIONAL ACCESSORIES (Not installed at time of order)

GLARE SHIELD

AGSA-11-XX	A/B Glare Shield Angled

OPTIC

ALVR-11	Hexcel Louver
AOSL-11	Overall Spread Lens
ALSL-11	Linear Spread Lens
ASOL-11	Solite Soft Focus
AOPK-11	Optic Kit - Narrow, Medium, Wide

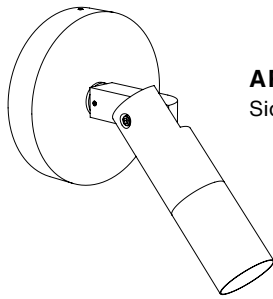
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

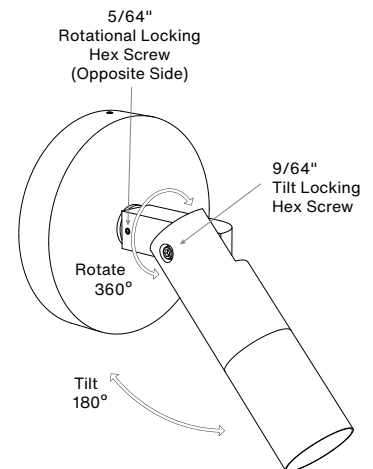
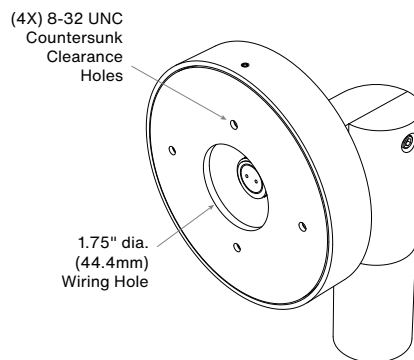
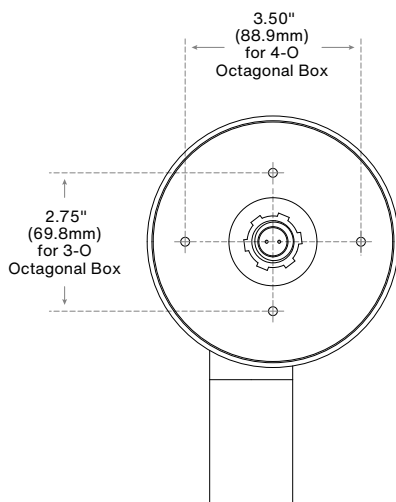
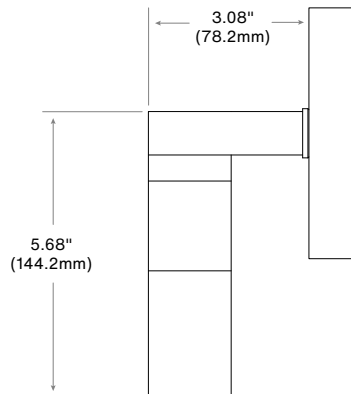
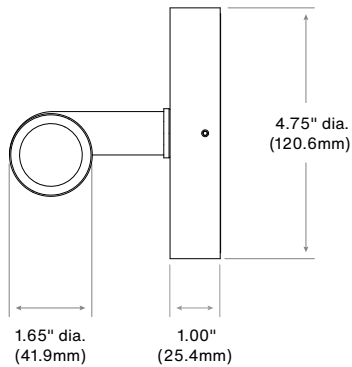
EXAMPLE: **ATXM-150-OTR-SS**

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

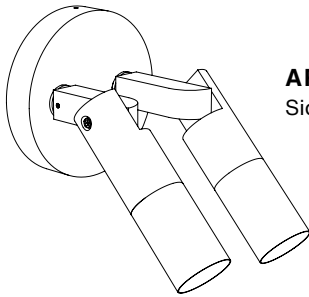
PRODUCT DRAWINGS



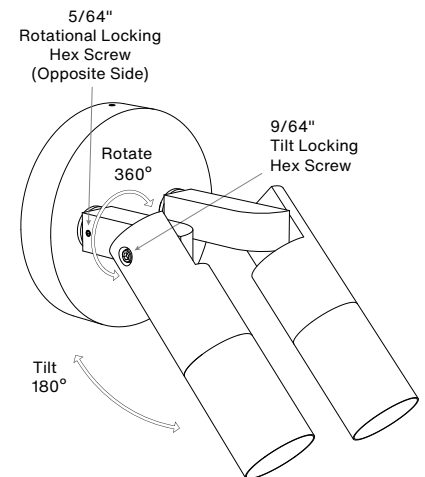
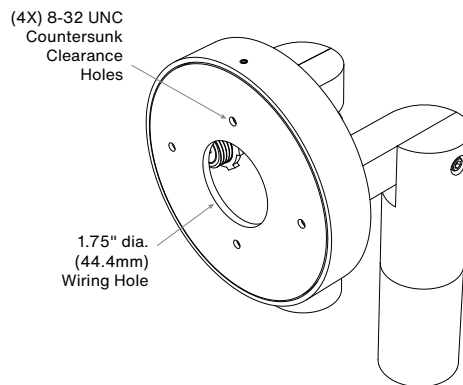
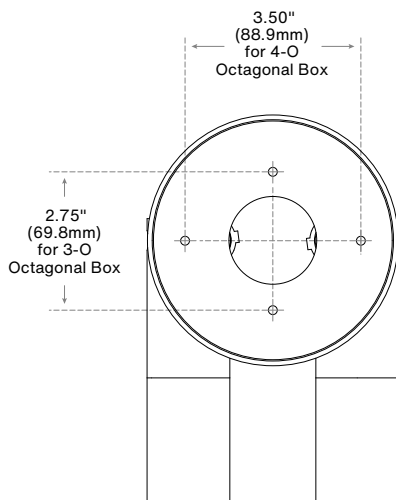
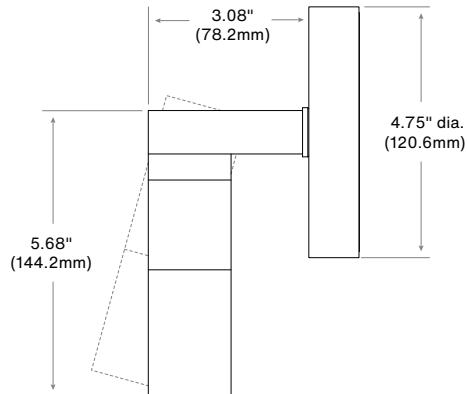
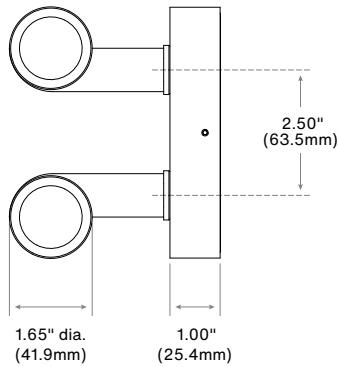
ARTOSL11-S1
Side Pivot Single



PRODUCT DRAWINGS



ARTOSL11-S2
Side Pivot Double



Each light head rotates
and tilts independently.

OPTIONS & ACCESSORIES

OPTIONAL GLARE SHIELD

For use with B Hood,
fastened with Set Screw

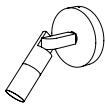


AGSA
(angle)

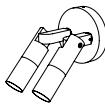


INCLUDED MOUNTING ACCESSORIES

Surface
Mount Box:



Fixture On ACBA1



Fixture On ACBA2

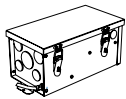


ACBA1



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



ALSC-CR

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



LightingShrink® Connector Small (Blue) - 20 pack

ALSC-SM20



LightingShrink® Connector Medium (Yellow) - 20 pack

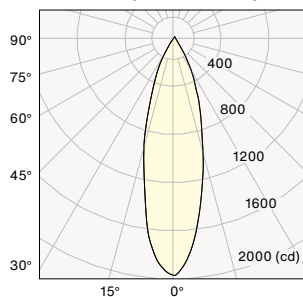
ALSC-MD20

PHOTOMETRY & ENERGY DATA

ARTOSL11 Per Light (Narrow)

Input Power	8.1W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	28.7°
Max. Candlepower	1964cd
Delivered Lumens	636lm
Efficacy	78lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

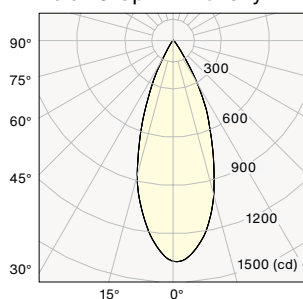
Center Beam (fc)	Beam Diameter	Distance
491	1.0'	2.0'
123	2.0'	4.0'
55	3.0'	6.0'
31	4.0'	8.0'
20	5.0'	10.0'

1/2 Beam Angle: 28.7°

ARTOSL11 Per Light (Medium)

Input Power	8.1W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	39.2°
Max. Candlepower	1383cd
Delivered Lumens	632lm
Efficacy	78lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

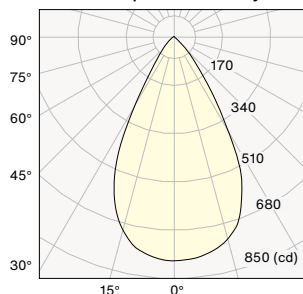
Center Beam (fc)	Beam Diameter	Distance
346	1.4'	2.0'
86	2.9'	4.0'
38	4.3'	6.0'
22	5.7'	8.0'
14	7.1'	10.0'

1/2 Beam Angle: 39.2°

ARTOSL11 Per Light (Wide)

Input Power	8.1W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	56.9°
Max. Candlepower	811cd
Delivered Lumens	675lm
Efficacy	83lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
203	2.2'	2.0'
135	4.3'	4.0'
23	6.5'	6.0'
13	8.7'	8.0'
8	10.8'	10.0'

1/2 Beam Angle: 56.9°

WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.67
7 Watt	1.00

CCT MULTIPLIER

Color Temp.	Multiplier
Amber	0.55
2700k	0.96
3000k	1.00

Notes: