

SPLINTER

OUTDOOR PRODUCTS

Bollard



The SPLINTER bollard is an elegant solution for your outdoor area lighting needs. Its robust and strong materials allow it to withstand the harshest of elements without a scratch. The SPLINTER features an innovative optical system providing illumination to your space while keeping the beam shielded from the eye. Unique "smiley face" design stands out in the environment.



**DARKSKY
APPROVED**
Reduces light pollution
Certified by DarkSky.org

eralux®



IK 10

IP 66



DATE

PROJECT NAME

TYPE

QTY

ORDERING
CODE

AE-OD-ST

-

-

-35

-BK

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277Vac
POWER FACTOR	>0.9
TOTAL HARMONIC DISTORTION (THD)	<20%
DIMMING	0-10V

MECHANICAL & HOUSING

HOUSING	Corrosion-resistant aluminum-cast housing and plate for mounting. Concrete anchor for mounting.
LENS	Polycarbonate Optical Lens
BEAM ANGLE	Type 5
FINISH	Thermoset powder coat finish that provides superior resistance to corrosion and weathering.

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	Operating Temp: -40°C to 50°C Start Temp: -30°C to 50°C
DIMMING	N/A
PROTECTION	IP66, thermally-insulated driver
SURGE PROTECTION	2kV line-line, 4kV line-earth / 1kV line-line, 2kV line-earth

COMPATIBLE MOUNTING

MOUNTING	Concrete anchor mounted on aluminum-cast plate
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WARRANTY

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES)



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ORDERING GUIDE

EXAMPLE: AE-OD-ST-24UV-830-35-BK

FIXTURE FAMILY	POWER	CCT & CRI	HEIGHT	HOUSING & FINISH
AE-OD-ST	-	-	-35	-BK
AE-OD-ST Outdoor products SPLINTER Bollard Fixture	-14UV 14 watts 1,680 lumens 120-277V	-830 3000K CCT* 80 CRI	-35 35" height 6.5" diameter	-BK Powder coat graphite black aluminum-cast housing
		-840 4000K CCT* 80 CRI		
	-24UV 24 watts 2,880 lumens 120-277V	-850 5000K CCT* 80 CRI		

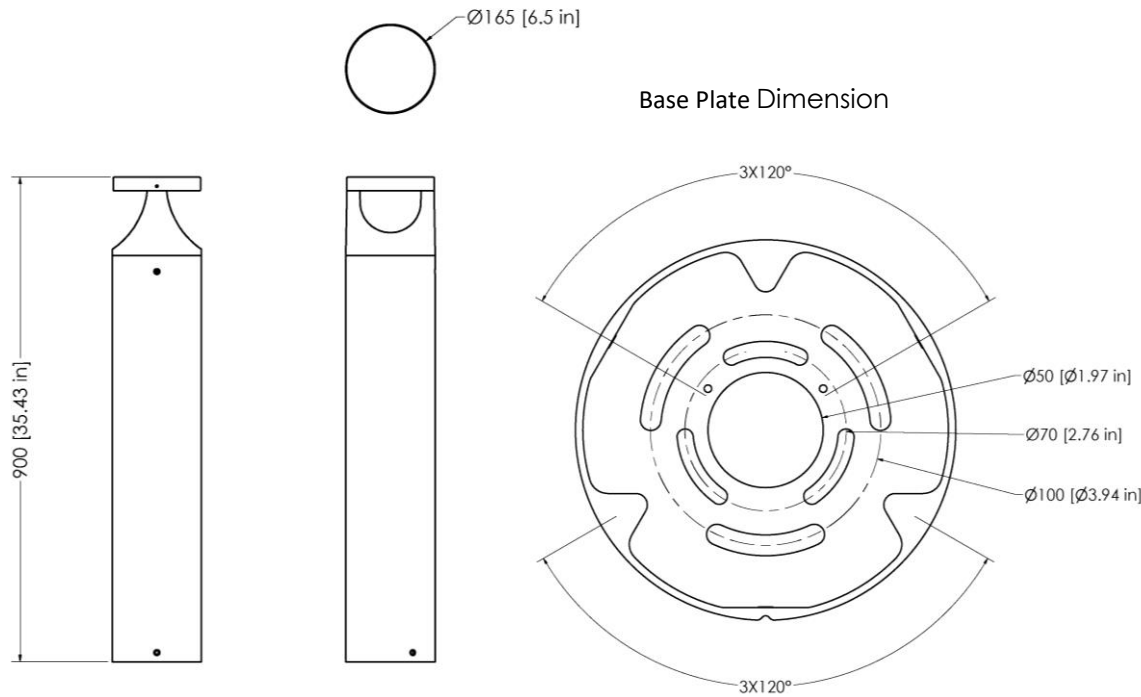
*Only products with 3000K CCT or lower are DarkSky approved.



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PRODUCT DIMENSIONS (in mm)

AE-OD-ST-24UV



B-U-G RATING

BUG Rating	POWER
Power	BUG
14W	B1-U0-G1
24W	B2-U1-G2



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LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
NORMAL (70CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-OD-ST-14UV-840-35-BK

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	1.44	0.10	
0-30°	15.97	1.20	
0-40°	88.38	6.80	
0-60°	677.37	52.30	
0-80°	1276.01	98.50	
0-90°	1295.87	100.00	

AE-OD-ST-24UV-830-35-BK

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	1.55	0.10	
0-30°	22.95	1.00	
0-40°	148.92	6.40	
0-60°	1216.43	52.00	
0-80°	2291.18	98.00	
0-90°	2325.72	99.50	



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OVERVIEW



DIMENSION

Available in 6.5" diameter bore size with height of 35"

PREMIUM MATERIALS

Aluminum die-cast housing and plate for enhanced thermal heat dissipation and structural integrity.

CORROSION RESISTANT FINISH

Thermoset powder coat finish combined with anti-cracking marine grade corrosion resistant finish to withstand harsh environmental conditions.

OUTDOOR FEATURES

IP66 and IK10 rated ideal for outdoor applications. Unique aesthetic design helps lighting up your project space.

