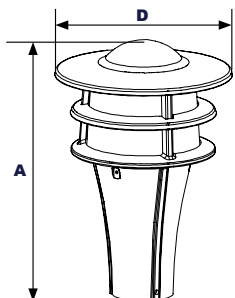




9055AM
AmberLED Lighthouse Round
Post Top With Clear Lens Optics
Type II, III, IV, & V

9055AM
AmberLED Lighthouse Round
Post Top With Opal LumaLens
Type V Only

Dimensions



Diameter (D) | 11 1/8" (283mm)
Height (A) | 16 1/2" (415mm)

Project Information:

Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The Incon 9055AM AmberLED Reagon 10 Lighthouse Architectural Decorative Post Top is available in Type II, III, IV or V distributions designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. The fixture mounts to a pole top tenon. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Die Cast Aluminum Housing, Integral Heat Sinking.

Listing & Ratings:
ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:
Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Clear UV-Stabilized Polycarbonate Vandal-Resistant Array Lens with Integral Optics. Gasketed to Seal LED Array. Optional SoftLED Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens Available.

Mounting:
Post Top Accommodates "P3" 2 7/8" O.D. x 3" Tenon.

AmberLED:
Aluminum Boards

Wattage:
19w Array: 19w, System: 21.4w

Driver:
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with InCon Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.

See Page 4 for Projected Lumen Maintenance Table.

Certification & Listings:



Ordering Guide:

9055AM		1X19		AM			
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
9055AM=AmberLED Reagon 10 Lighthouse Post Top	B=Type II C=Type III D=Type IV F=Type V	1X19=19w	U=120-277V C=347V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Array Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens* *Type V Models Only.	B=Black C=Custom (Consult Factory)	P2AB=PSRTN Tenon Adaptor, Black P2AC=PSRTN Tenon Adaptor, Custom Color (Consult Factory) SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC* *120-277V Models Only.

Order Information Example: 9055AMF1X19UAMCBSP

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

PSRTN* Retrofit Tenon Adaptor, Die Cast with Powdercoat Finish, Hardware Included. Converts a 2 3/4" x 4" Pole Tenon to a 2 1/2" x 3" Tenon.

*Specify Color: B=Black, C=Custom (Consult Factory)



PSRTN


Replacement Parts (Order Separately, Field Installed)

P18103 120-277VAC Photocell

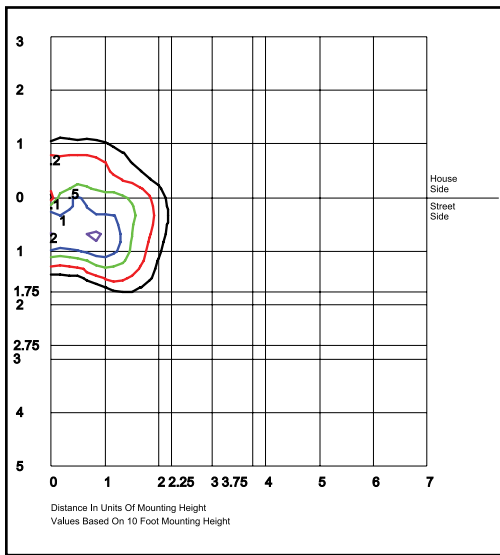


P18103

EPA (Effective Projected Area)

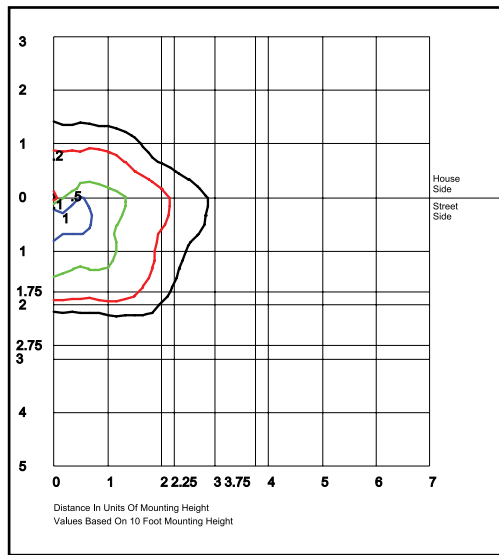
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
	0.8	14 Lbs

Photometric Data



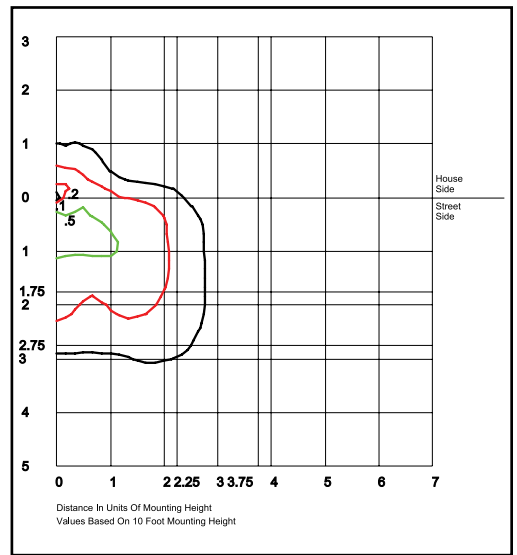
9055AMB1X19UAM
Type II, Clear Lens

Grid in MH
MH=10 Feet



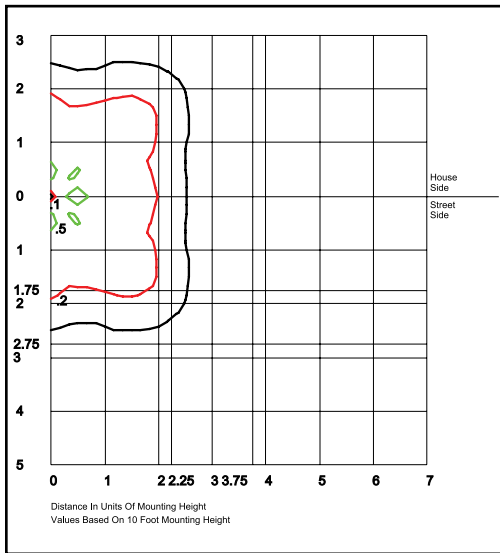
9055AMC1X19UAM
Type III, Clear Lens

Grid in MH
MH=10 Feet



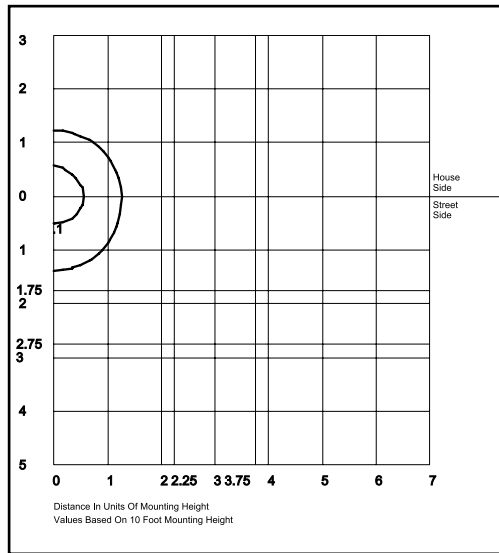
9055AMD1X19UAM
Type IV, Clear Lens

Grid in MH
MH=10 Feet



9055AMF1X19UAM
Type V, Clear Lens

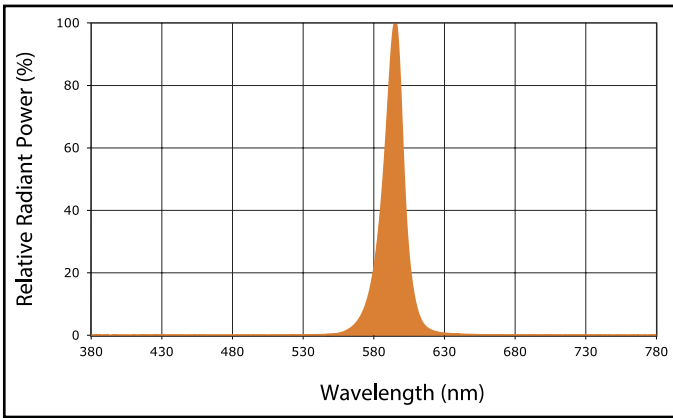
Grid in MH
MH=10 Feet



9055AMF1X19UAML
Type V, LumaLens

Grid in MH
MH=10 Feet

Spectral Chart



Photometric Performance

Optic	Wattage (Catalog Logic)	
	Input Watts	19W (1X19)
	CCT	Delivered Lumens
9055AM B=Type II with Clear Lens	Amber	655
	BUG Rating	B0-U0-G0
9055AM C=Type III with Clear Lens	Amber	688
	BUG Rating	B0-U0-G0
9055AM D=Type IV with Clear Lens	Amber	682
	BUG Rating	B0-U0-G1
9055AM F=Type V with Clear Lens	Amber	721
	BUG Rating	B1-U0-G0
9055AM F=Type V with Opal LumaLens	Amber	460
	BUG Rating	B0-U3-G1

Projected Lumen Maintenance

Data shown for Amber LEDs	Input Watts	Compare to MH				Calculated LED Life
		TM-21-11	Initial	25,000 Hrs	50,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	21.4w	1.00	0.93	0.86	0.72	106,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.91	0.83	0.66	88,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.67	61,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.