



A M B E R P O S T T O P

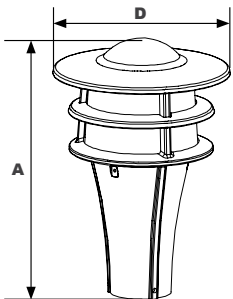
L70
 25°C 106,000 Hours



SEA10PT
 AmberLED Seastar Round Post
 Top With Clear Lens Optics
 Type II, III, IV, & V



SEA10PT
 AmberLED Seastar Round Post
 Top With Opal LumaLens
 Type V Only



Dimensions

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

The Pemco SEA10PT AmberLED Seastar 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:

CSA: 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 Pemco 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.





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Order Information Example:		SEA10PTF1X19UAMCBSP					
SEA10PT		1X19		AM			
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
SEA10PT=AmberLED Seastar 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.

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)	
PSRTN*	Retrofit Tenon Adaptor, Die Cast with Powdercoat Finish, Hardware Included. Converts a 2 1/2" 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	

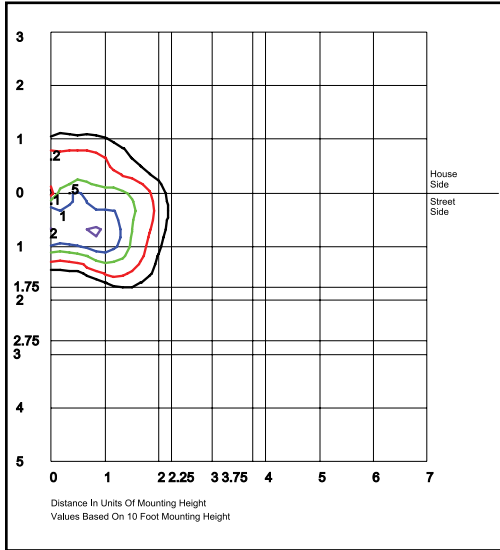
EPA (Effective Projected Area)

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



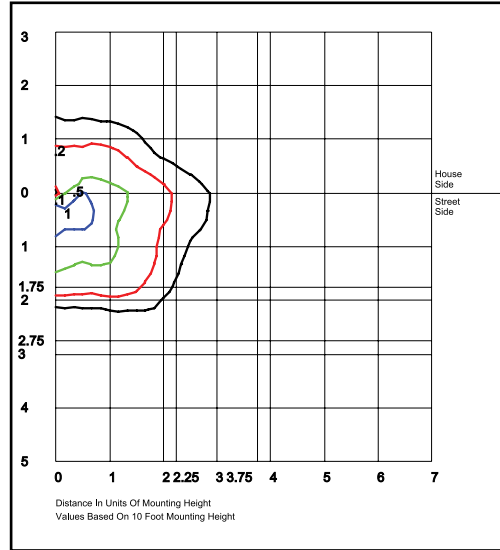
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Photometric Data



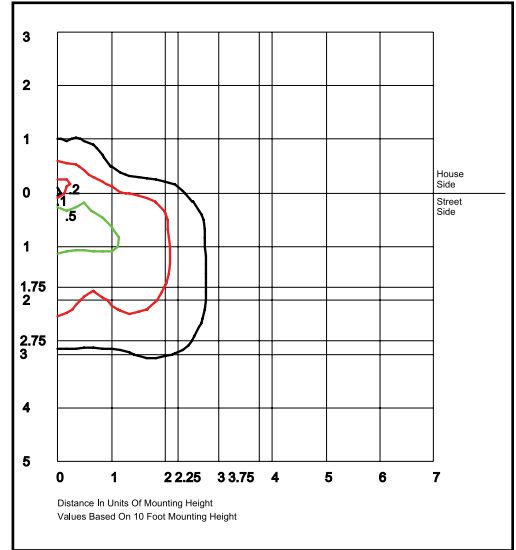
SEA10PTB1X19UAM
Type II, Clear Lens

Grid in MH
MH=10 Feet



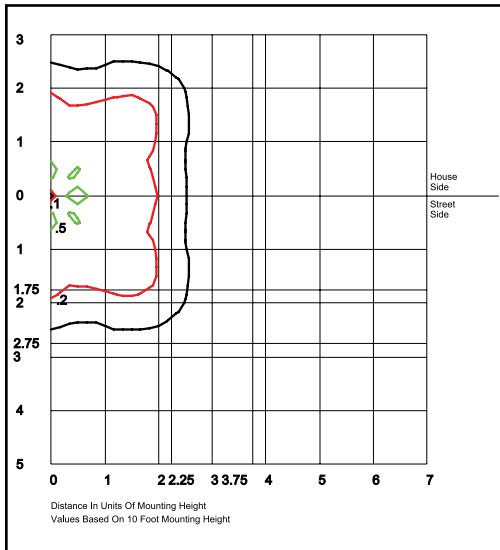
SEA10PTC1X19UAM
Type III, Clear Lens

Grid in MH
MH=10 Feet



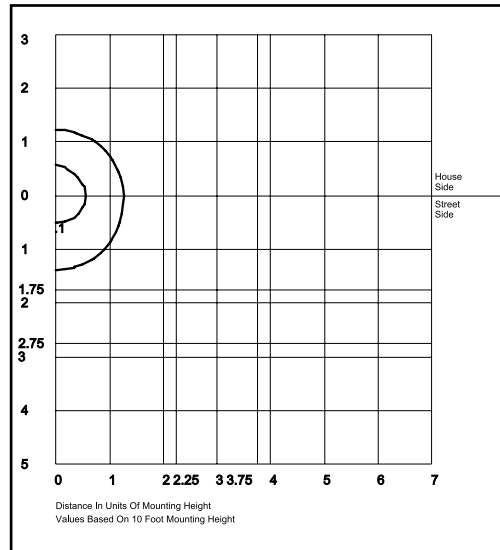
SEA10PTD1X19UAM
Type IV, Clear Lens

Grid in MH
MH=10 Feet



SEA10PTF1X19UAM
Type V, Clear Lens

Grid in MH
MH=10 Feet



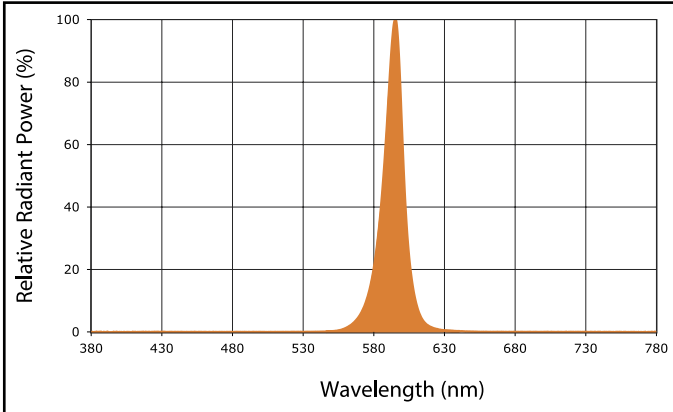
SEA10PTF1X19UAML
Type V, LumaLens

Grid in MH
MH=10 Feet



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Spectral Chart



Photometric Performance

Wattage (Catalog Logic)		19W (1X19)
Input Watts		21.4
Optic	CCT	Delivered Lumens
SEA10PT B=Type II with Clear Lens	Amber	655
	BUG Rating	B0-U0-G0
SEA10PT C=Type III with Clear Lens	Amber	688
	BUG Rating	B0-U0-G0
SEA10PT D=Type IV with Clear Lens	Amber	682
	BUG Rating	B0-U0-G1
SEA10PT F=Type V with Clear Lens	Amber	721
	BUG Rating	B1-U0-G0
SEA10PT F=Type V with Opal LumaLens	Amber	460
	BUG Rating	B0-U3-G1

Projected Lumen Maintenance

Data shown for Amber LEDs			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
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.