

# 9074AM, 9075AM, & 9076AM

 **INCON LIGHTING**

BUY AMERICAN COMPLIANT

Marcos VPAM Vaporproof

**AmberLED**  **187,000 Hours**



The Incon AmberLED Marcos VPAM Vaporproof fixtures with a choice of mounting configurations are designed to replace HID lighting systems up to 175w MH or HPS 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. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 14 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, 3/4" NPS Threaded Mounts.

#### Listing & Ratings:

ETL Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment

#### Finish:

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

#### Lens:

Flat Clear Tempered Glass Lens

#### Mounting Options:

Pendant Mount or Surface Mount on Wall or Ceiling

#### AmberLED:

Aluminum Boards

#### Wattage:

Array: 22w, System: 27w; (175w HID Equivalent)

#### Driver:

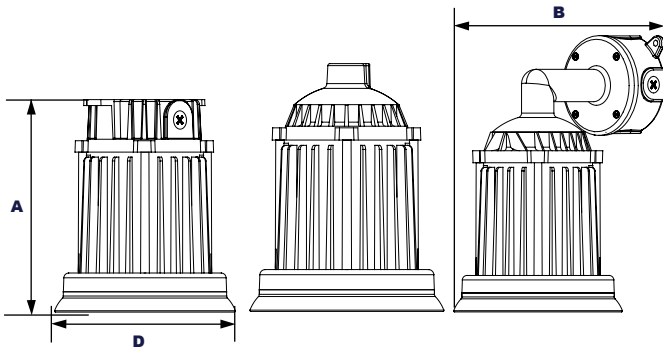
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

### Dimensions



<b>Diameter (D)</b>	7/4" (184mm)
<b>Height (A)</b>	<b>9075AM</b> 9 1/4" (235mm) <b>9074AM</b> 8 1/2" (216mm) <b>9076AM</b> 12" (305mm)
<b>Depth (B)</b>	8 1/8" (225mm)

### Project Information:

<b>Project Name:</b>	<b>Fixture Type:</b>
<b>Complete Catalog #:</b>	<b>Date:</b>
<b>Comments:</b>	

### Certification & Listings:



## Ordering Guide:

	<b>F</b>	<b>1X23</b>	<b>U</b>	<b>AM</b>		
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>
<b>9074AM</b> =AmberLED Marcos VPAM Box Mount Vaporproof <b>9075AM</b> =AmberLED Marcos VPAM Pendant Mount Vaporproof <b>9076AM</b> =AmberLED Marcos VPAM Wall Mount Vaporproof	<b>F</b> =Type V	<b>1X23</b> =23w	<b>U</b> =120-277V	<b>AM</b> =1400K	<b>P</b> =Platinum <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* *120-277V Only

**Order Information Example: 9075AMF1X23UAMPSF**

## Accessories & Replacement Parts:

### Mounting Accessories (Order Separately, Field Installed)

**CPSPR** Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish

**CPSPS** Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish



### Accessories (Order Separately, Field Installed)

**VS30AP** Angled Aluminum Shade, Platinum Powdercoat Finish. 8 3/4" H by 11 1/4" Dia.

**VS30SP** Straight Aluminum Shade, Platinum Powdercoat Finish. 5 1/2" H by 16" Dia. Not for use with VW53.

**VWGS** Wire Guard for Straight Shade, Stainless Steel

**VWGA** Wire Guard for Angled Shade, Stainless Steel

**CPRB** Reducer Bushing, 3/4" to 1/2", use with Swivel Mount

**CPRB1** Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs

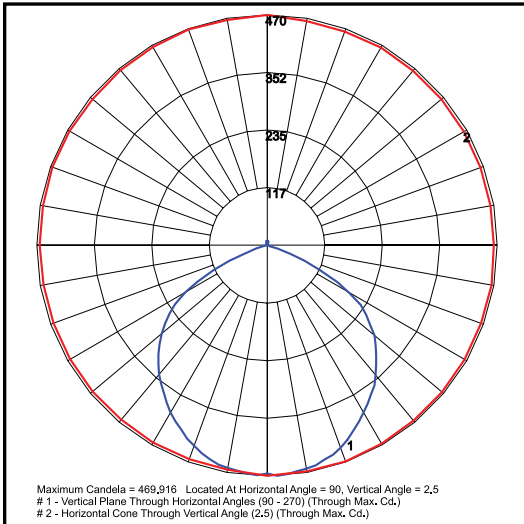
**CPRC1** Backplate, 1/2" Coin Plugs

**CPRB3** Die Cast Round Electrical Box with Five (5) 3/4" Coin Plugs



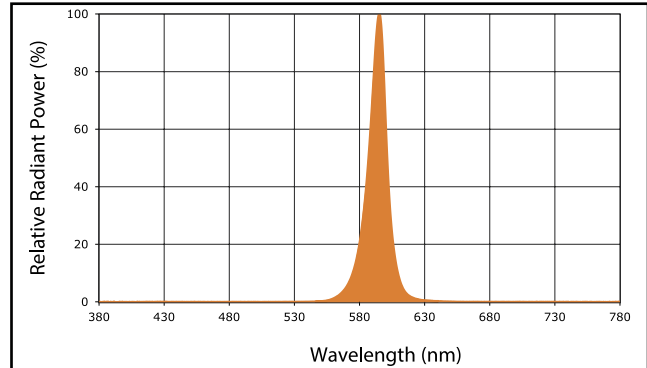
\*Shown Mounted

## Photometric Data



**9075AMF1X23UAM**  
Type V

## Spectral Chart



# 9074AM, 9075AM, & 9076AM

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## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 23w	116	27	Type V	1,194	45	1	2	0

## Projected Lumen Maintenance

Data shown for Amber LEDs TM-21-11	Input Watts	Compare to MH				Calculated L70@ 25°C
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.72	107,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	82,000

**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.