INCON LIGHTING
BUY AMERICAN COMPLIANT

AmberLED L70 25° 135,000 Hours

The Incon 9073AM AmberLED Marcos VPNN53 Box Mount Vaporproof fixture is designed to replace HID lighting systems up to 70w 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 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Heavy Duty Die Cast Aluminum Housing & Screw On Guard, ¾″ NPS Threaded Mounts.

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

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

Lens:
Clear Glass Globe Lens

Mounting Options:
Surface Mount

AmberLED:
Aluminum Boards

Wattage:
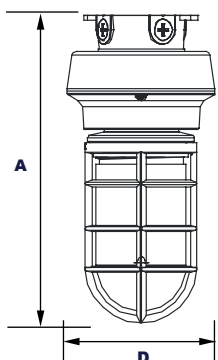Array: 10w, System: 14.2w; (70w HID Equivalent)

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 +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Dimensions

Diameter (D)	7⅛″ (181mm)
Height (A)	15″ (381mm)

Project Information:

Project Name: _____   Fixture Type: _____

Complete Catalog #: _____   Date: _____

Comments: _____

Certification & Listings:

For more information visit our website at inconlighting.com/9073AM
Ph: 800-393-5630   E: sales@inconlighting.com

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Ordering Guide:

9073AM	F	1X10	U	AM		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**	**Options**
9073AM=AmberLED Marcos VPBN53 Large Box Mount Vaporproof	**F**=Type V	**1X10**=10w	**U**=120-277V	**AM**=1400K	**G**=Gray **C**=Custom (Consult Factory)	**SF**=Single Fuse* **DF**=Double Fuse* ***120-277V Models Only**

Order Information Example: 9073AMF1X10UAMGSF

Accessories & Replacement Parts:

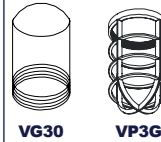| Accessories (Order Separately, Field Installed)	
VS30A	Angled Aluminum Shade, Repaintable Textured Gray Finish. 8¾″ H by 11¾″ Dia.
VWGA	Wire Guard for Angled Shade, Stainless Steel
CPRB1	Die Cast Round Electrical Box with Five (5) ½″ Coin Plugs
CPRC1	Backplate, ½″ Coin Plugs
CPRB3	Die Cast Round Electrical Box with Five (5) ¾″ Coin Plugs

VS30A **VWGA*** **CPRB1** **CPRC1**

CPRB3

*Shown Mounted

Replacement Parts (Order Separately, Field Installed)	
VG30	Heat-Treated Clear Glass Globe
VP3G	Cast Guard

VG30 **VP3G**

Photometric Data

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

House Side
Street Side

Grid in MH
MH=10 Feet

9073AMF1X10UAM
Type V

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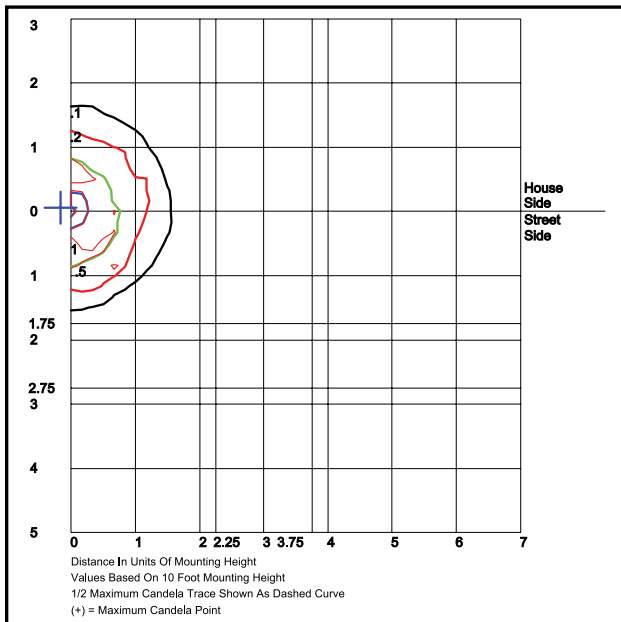
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Spectral Chart
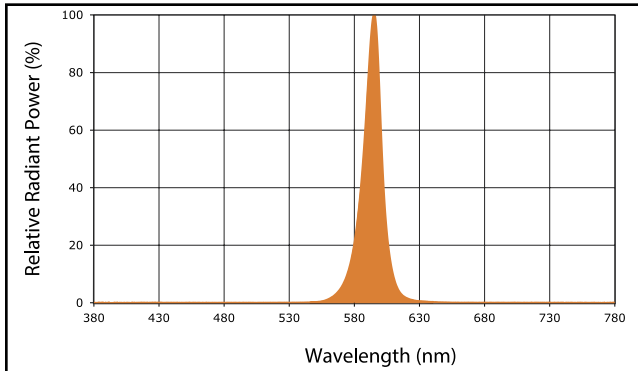
Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 10w	116	13	Type V	374	26	0	2	0

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		1.00	0.94	0.89	0.78	135,000
L70 Lumen Maintenance @ 50°C / 122°F	13	1.00	0.85	0.69	0.39	49,000
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.

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