



The Incon 9069AM AmberLED Skylight 71RD Architectural Enclosed Small Round Post Top is available in a Type V distribution designed to replace HID lighting systems up to 250w 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. The fixture mounts to a pole top tenon. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

**Specifications and Features:**

**Housing:**

Die Cast Aluminum Housing, Integral Heat Sinking. Photocell Adaptable.

**Listing & Ratings:**

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

**Finish:**

Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**Lens:**

Clear UV-Stabilized Polycarbonate Array Lens to Seal LED Array. Prismatic Clear UV-Stabilized Polycarbonate Vandal-Resistant Outer Conical Lens

**Mounting Options:**

Accommodates "P3" 2 7/8" O.D. x 3" Tenons

**AmberLED:**

Aluminum Boards

**Wattage:**

46w Array: 46w, System: 52w; (175w HID Equivalent)  
78w Array: 77.6w, System: 82w; (150-250w HID Equivalent.)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**Controls:**

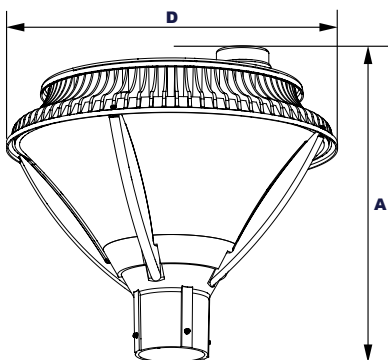
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with InCon Controls 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 3 for Projected Lumen Maintenance Table.

**Dimensions**



<b>Diameter (D)</b>	16 1/8" (411mm)
<b>Height (A)</b>	14 7/8" (378mm)

**Project Information:**

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

**Certification & Listings:**












### Ordering Guide:

9069AM	F		U	AM	C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
9069AM=AmberLED Skylight 71RD Enclosed Small Round Post Top	F=Type V	1X46=46w 1X78=78w	U=120-277V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Outer Conical Lens	Z=Bronze B=Black C=Custom (Consult Factory)	<b>P2AB</b> =PSRTN Tenon Adaptor, Black <b>P2AC</b> =PSRTN Tenon Adaptor, Custom Color (Consult Factory) <b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection <b>R3</b> =3-Pin Twist Lock Photocell Receptacle <b>R5</b> =5-Pin Twist Lock Photocell Receptacle <b>R7</b> =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle <b>S2</b> =Microwave Sensor with Dimming for Mounting Heights of 8' to 40'* <b>S4</b> =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'* *120-277V Models Only.

Order Information Example: 9069AMF1X78UAMCBSP

### Accessories & Replacement Parts:

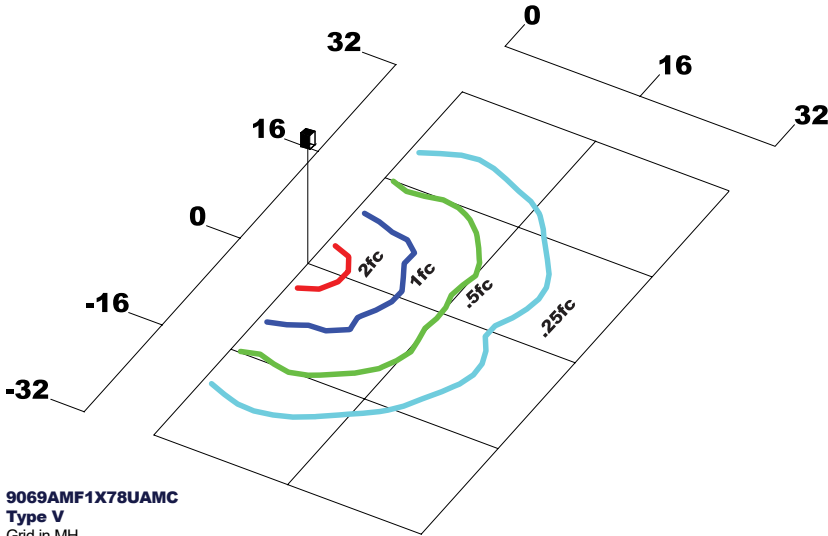
Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
PSRTN* Retrofit Tenon Adaptor, Die Cast with Powdercoat Finish, Hardware Included. Converts a 2 3/8" x 4" Pole Tenon to a 2 1/8" x 3" Tenon.  *Specify Color: B=Black, C=Custom (Consult Factory)	P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.  P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.  P18140 110-120VAC Instant Twist Lock Photocell P18152 277VAC Time Delay Twist Lock Photocell P18156 120-277VAC Universal Twist Lock Photocell P18157 480VAC Time Delay Twist Lock Photocell. For 480V use only.	PF70PC Clear UV-Stabilized Polycarbonate Outer Conical Lens.  P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz  P17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
	     	  

### EPA (Effective Projected Area)

EPA (Sq. Ft.)	Weight (Lbs.)
0.68	14 Lbs

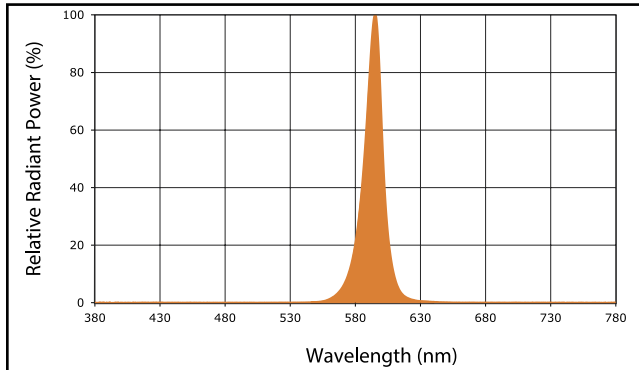


### Photometric Data



**9069AMF1X78UAMC**  
**Type V**  
 Grid in MH  
 MH=16 Feet

### Spectral Chart



### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
AmberLED 78w	525	82	Type V Clear		21	1	1	0

### Projected Lumen Maintenance

Data shown for Amber LEDs	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
<b>TM-21-11</b>	82	1.00	0.98	0.97	0.94	473,000
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>		1.00	0.97	0.95	0.90	290,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.98	0.95	0.91	220,000

**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.