

The Incon 9046AM AmberLED ISUR4A series wall, pendant and ceiling mount luminaire is available with a clear lens and open door frame 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. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 18 to 30 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy-Duty Die Cast Aluminum Housing and Top Frame. Can Be Tapped for Side Conduit Entry.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750. Note: If using the Quick-Mount Bracket, the power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket to maintain the Wet Locations listing. IP66 Sealed LED Compartment.

Finish:

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

Lens:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:

Surface Mount or Use Optional Stainless Steel Quick-Mount Bracket, Adjustable Bracket, or Yoke.

AmberLED LED:

Aluminum Boards

Wattage:

Array: 87w, System: 93w; (150-250w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 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:

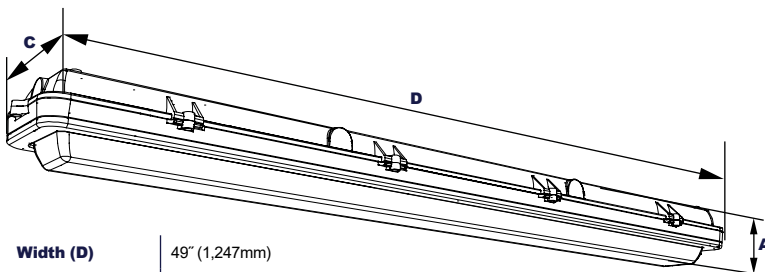
Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with InCon Controls and May Not 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 2 for Projected Lumen Maintenance Table.

Dimensions



Width (D)	49" (1,247mm)
Length (C)	7" (178mm)
Height (A)	4" (102mm)

Project Information:

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

Certification & Listings:






Ordering Guide:

9046AM	F	87	U	AM	C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
9046AM=AmberLED ISUR4A Open Frame 48" Linear LED Die Cast	F=Wide	87=87w	U=120-277V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection S5 =Microwave Sensor with Dimming for Mounting Heights of 8' to 26'* BU =Battery Backup* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

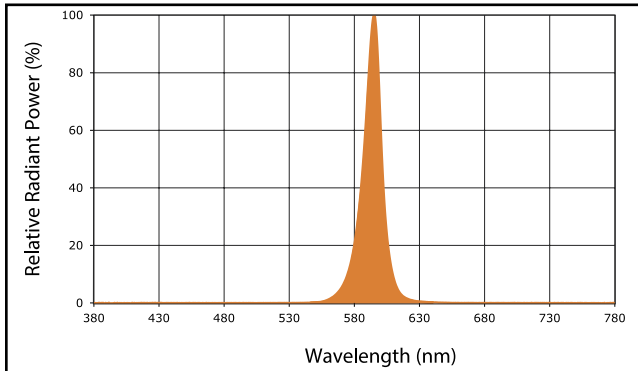
Order Information Example: 9046AMF87UAMCPS

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
LVAQM Stainless Steel Quick Mount Bracket. Requires Two Brackets Per Fixture. Note: The power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket, to maintain the Wet Locations listing. LVABRSS Stainless Steel Adjustable Bracket, Set of Two LV4AYSS Stainless Steel Yokes for LV4A, Includes Hardware.	P17126 Remote Programming Tool for P17125  <p>P17126</p>	P17125 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 26'. 120-277VAC, 50/60Hz For Replacement Battery Backup, see the InCon LED Battery Backup Specification Sheet.  <p>P17125</p>
 <p>LVAQM LVABRSS* LV4AYSS*</p>		

*Shown Mounted

Spectral Chart



Photometric Performance

LED Board Watts	Input Watts	Optics	Spacing Criteria	1400 CCT Lumens
Amber 87w (Clear Lens)	93	Wide Frame	1.32	4,278

Projected Lumen Maintenance

Data shown for Amber LEDs	Input Watts	Compare to MH				
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
TM-21-11	93	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 25°C / 77°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:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.