INCON LIGHTING

BUY AMERICAN COMPLIANT

9071AM

Small Traveler 2AM Flood & Wall Light

AmberLED L70 25° **76,000 Hours**

Shown with "KN" Knuckle Installed.

The Incon 9071AM AmberLED Traveler 2AM Flood & Wall luminaire 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 595nm, greater than 560nm required for wildlife protection. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Die-Cast Gasketed Aluminum Housing, Includes Cast-In Box Template and Built in Level. White Reflector. Nickel-Plated Stainless Steel Hardware.

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

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

Lens:
Tempered Clear Flat Glass Lens.

Mounting Options:
Mount Directly Over Recessed Electrical Box or use ½″ Surface Mount Conduit. Adjustable Knuckle with ½″ NPS Threads, Sold Separately, Field Installed.

AmberLED:
Aluminum Board

Wattage:
17w AmberLED: 17w, System: 23w

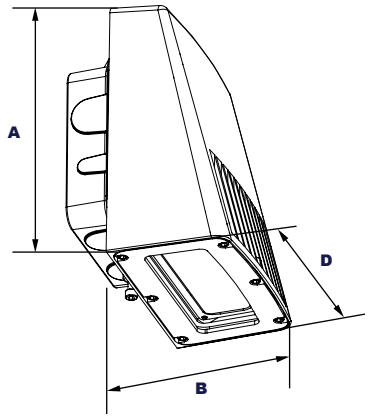
Driver:
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

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 2 for Projected Lumen Maintenance Table.

Dimensions



Width (D)	6″ (152mm)
Height (A)	7⅞″ (200mm)
Length (B)	5⅛″ (130mm)
Length (B) with Knuckle	9¼″ (235mm)

Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

Certification & Listings:

C ETL US LISTED INTERTEK

IP66

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Ordering Guide:

9071AM	1X17	U	AM			
Model	**Wattage**	**Driver**	**CCT**	**Color**	**Mounting**	**Options**
9071AM= AmberLED Small LED Traveler 25 Wall and Flood	**1X17**=17w	**U**=120-277V	**AM**=1400K	**Z**=Bronze **C**=Custom (Consult Factory)	**KN**=Knuckle* ***Optional, field installed. Order only for flood model.**	**SF**=Single Fuse* **DF**=Double Fuse* **SP**=Surge Protection **P14**=Pencil Photocell, 120-277VAC ***120-277V Models Only.**

Order Information Example: 9070AM1X17UAMZSP

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

FLPTFZ	Die-cast Post Top Fitter for 2⅜" to 3½" Poles, Bronze Powdercoat Finish, Three (3) ½" Coin Plugs.
FLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic.
FLSTZ	Die-Cast Adjustable Knuckle with ½" NPS Threads, Bronze Powdercoat Finish.


FLPTFZ


FLSTK


FLSTZ*

***Shown Mounted**

Accessories (Order Separately, Field Installed)

P18112	208-277V, 240VAC Pencil Photocell
TV2BFZ	Baffle, Aluminum with Bronze Powdercoat Finish


P18112


TV2BFZ

Replacement Parts (Order Separately, Field Installed)

P18114	120-277V, 50/60Hz Pencil Photocell


P18114

EPA (Effective Projected Area)

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.31	5 Lbs

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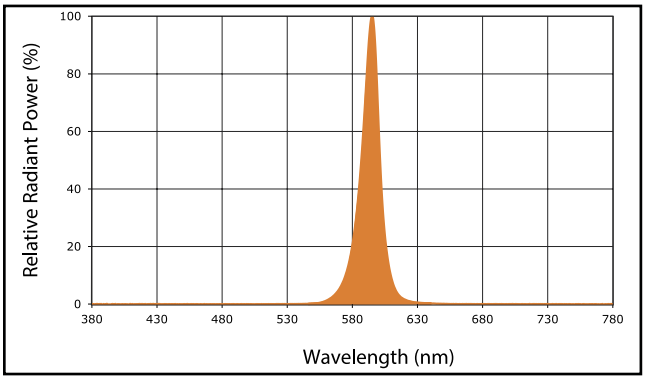
Spectral Chart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics
AmberLED 17w	525	23	Type II

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	23	1.00	0.90	0.80	0.61	76,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.86	0.72	0.44	54,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.88	0.76	0.52	42,000

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.