

The Incon 9050AM AmberLED ISNB11 Low Profiles Side Light Pathway Bollard provides full cutoff lighting for outdoor path, walkways and landscape areas using asymmetric optics designed to replace outdated Halogen and Compact Fluorescent lighting systems for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required for wildlife protection. These fixtures are ideal for landscaped areas at retail centers, parks, restaurants, hotels, schools and universities, office buildings and medical facilities.

Specifications and Features:

Housing:

Cast Aluminum Housing with Flush Mounting Base, Flat Top.

Listing & Ratings:

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

Finish:

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

Lens:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:

Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

AmberLED LED:

Aluminum Boards

Wattage:

17w: Array: 17w, System: 18.7w

Driver:

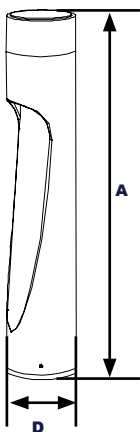
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

Dimensions



Diameter (D) | 4 1/4" (120mm)
Height (A) | 25 1/2" (650mm)

Project Information:

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

Certification & Listings:

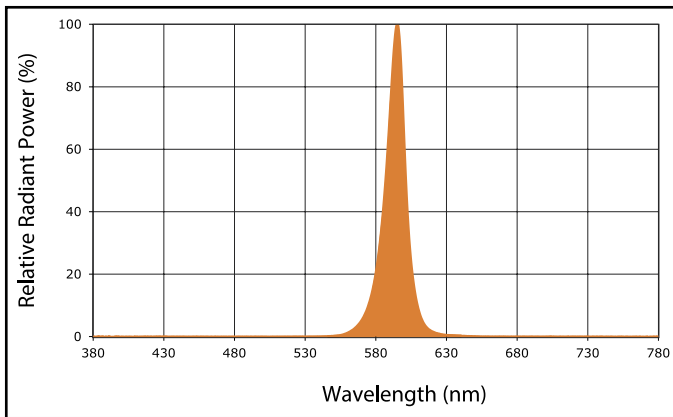


Ordering Guide:

9050AM	F	1X17	U	AM	C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
9050AM=AmberLED ISNB11 Low Profile Side Light Pathway Bollard	F=Asymmetric	1X17=17w	U=120-277V	AM=1400K	C=Clear Molded UV-Stabilized Polycarbonate Lens	Z=Bronze B=Black P=Platinum C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection 120-277V Models Only.

Order Information Example: 9050AMF1X17UAMCZSP

Spectral Chart



Photometric Performance

LED Board Watts	Input Watts	Optics	Amber LED				
			Lumens	LPW	B	U	G
AmberLED 17w	18.7w	Asymmetrical	145	8	0	0	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	17w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

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.