

Shown with Clear Molded UV-Stabilized Polycarbonate Lens and "S3" Internal Microwave Sensor



Shown with SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens

The contemporary-styled Incon 9093AM AmberLED Caroline WPC30 Wall Mount Cutoff Luminaire is designed to replace HID 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. 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 8 to 15 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing with Integral Heat Sinking. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

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:

Clear One-Piece Molded UV-Stabilized Polycarbonate or SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lenses to Seal LED Array.

Mounting Options:

Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level. No Surface Conduit Entrance.

AmberLED:

Aluminum Boards

Wattage:

22w Array; 22w, System: 23.8w

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.

Controls:

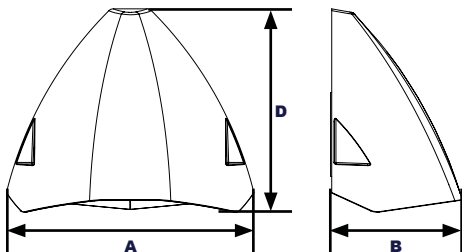
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with InCon Controls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



| | |
|-------------------|--------------|
| Width (D) | 12½" (319mm) |
| Length (B) | 6¾" (168mm) |
| Height (A) | 10¼" (262mm) |

Project Information:

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

Certification & Listings:



Ordering Guide:

| 9093AM | F | 1X22 | U | AM | | | |
|--|----------|----------|------------|----------|--|--|---|
| Model | Optics | Wattage | Driver | CCT | Lens | Color | Options |
| 9093AM=AmberLED Caroline WPC30 Wall Mount Cutoff Luminaire | F=Type V | 1X22=22w | U=120-277V | AM=1400K | C=Clear Molded UV-Stabilized Polycarbonate Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens* *F Optic Only. | Z=Bronze C=Custom (Consult Factory) | SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* BU=Battery Backup* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only. |

Order Information Example: 9093AMF1X22UAMCZSP

Accessories & Replacement Parts:

| Replacement Parts (Order Separately, Field Installed) | |
|--|--|
| P18103 | 120-277VAC Photocell |
| P17117 | Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz |

For Replacement Battery Backup, see the InCon LED Battery Backup Specification Sheet.

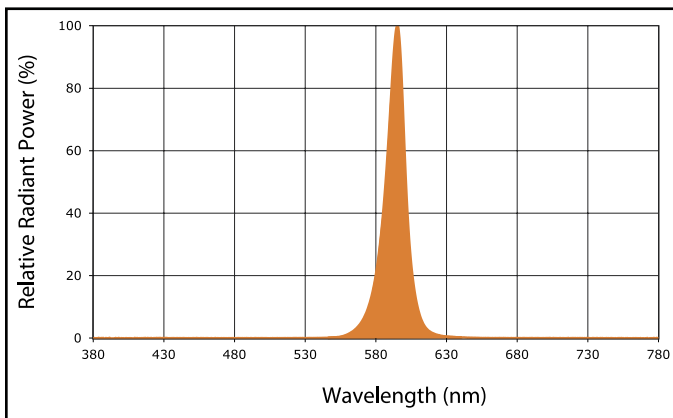


P18103



P17117

Spectral Chart



Photometric Performance

| LED Board Watts | Input Watts | Optics | Amber LED | | | | |
|-----------------|-------------|---------------------|-----------|-----|---|---|---|
| | | | Lumens | LPW | B | U | G |
| AmberLED 22w | 23.8w | Type V (Clear Lens) | 1234 | 52 | 0 | 1 | 0 |
| | | Type V (LumaLens) | 982 | 41 | 0 | 1 | 0 |

Projected Lumen Maintenance

| Data shown for Amber LEDs TM-21-11 | Input Watts | Compare to MH | | | | Calculated LED Life |
|---------------------------------------|-------------|---------------|------------|------------|-------------|---------------------|
| | | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | |
| L70 Lumen Maintenance @ 25°C / 77°F | 23.8w | 1.00 | 0.98 | 0.95 | 0.91 | 320,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.95 | 0.89 | 0.79 | 141,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.96 | 0.93 | 0.85 | 134,000 |

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.