



90W Wave Aisle Lighter Highbay

Order Code: HB42342



Description

Venture Lighting's Wave Aisle Lighter Highbay fixtures are the optimal solution for upgrading existing HID or Fluorescent installations using high racking.

Construction

The high performance LED source is mounted to an aluminum heat sink which is designed to ensure proper thermal management of the system. This design allows for a cooler running LED chip which leads to longer lifetime, better efficacy, and color consistency. Fixtures are rated for an ambient operating temperature range -30°C to 50°C. Wave Aisle Lighter Highbay luminaires are water and dust resistant, with IP65 rating.

Optics

The optics are specially designed to have a 60° x 90° distribution which is ideal for aisle lighting applications.

Electrical

The power supply has a range of 120-277V, 50/60 Hz. 0-10V DC dimming capability is standard. The luminaire is rated for damp and dry locations.

DLC Model# HWL-090C-AD

Product Performance

| | |
|---|--------------------------------|
| Wattage | 90W |
| Lumen Output | 10350 |
| Correlated Color Temperature (CCT) | 5000K |
| Color Rendering Index (CRI) | 70 |
| Lumen Maintenance @50,000 hours* | 90% |
| Calculated L70 @ 25°C Ambient in Hours* | 159,000 |
| Replaces HID Wattage | 250W |
| Spacing Criterion (0-180) | 0.9 x mtg height |
| Spacing Criterion (90-270) | 1.3 x mtg height |
| Operating Temperature Range | -22°F to 122°F (-30°C to 50°C) |

Physical Characteristics

| | |
|---------------------|--------------|
| Input Cable Length | 5ft. |
| Safety Cable Length | 6ft. (2 pcs) |
| Fixture Color | Matte Silver |
| Weight | 10.4 lbs |
| Width | 5.4" |
| Length | 28.6" |
| Height | 4.0" |

Electrical Characteristics

| | |
|----------------------------------|-------------------------------------|
| Amperage Draw (Input Volts/Amps) | 120/0.76 208/0.44 240/0.38 277/0.33 |
| Surge Protection | 4kV |

Regulatory Qualifications

cULus Listed

DLC Qualified - Model# HWL-090C-AD

Accessories

Add suffix "-S1" to order code for a factory installed fixture with a MOTION ONLY Sensor part # PH41623

Add suffix "-S2" to order code for a factory installed fixture with a MOTION/DIM/PHOTOCELL Sensor part # PH77409

For factory installed plug options see below

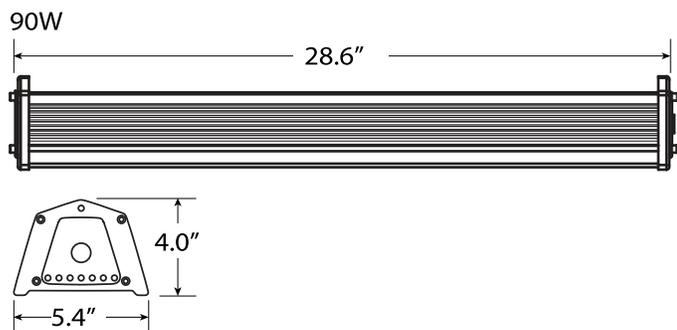
For plug options see accessories tab (NOT FACTORY INSTALLED)

NOTE:

*Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



Venture 90W Wave Aisle Lighter Highbay

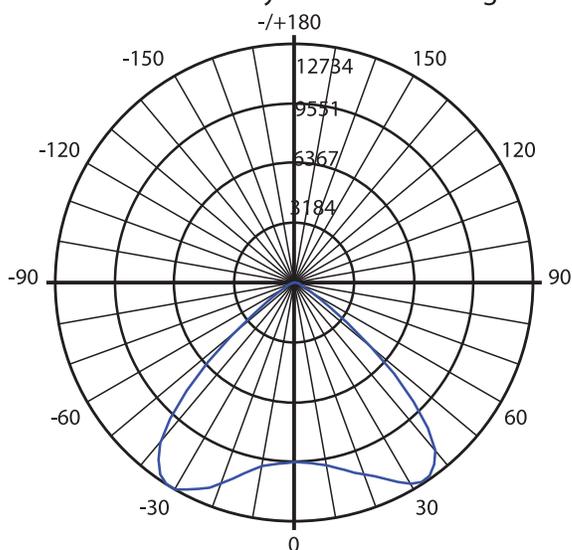


NEMA L5-15 NEMA L18-20P NEMA L6-15 NEMA L7-15P

| Plug Options* | Molded Plug Options with 11ft Cable* |
|-------------------------------|---|
| "-P1" - NEMA L5-15P for 120V | "-P6-C" - NEMA L5-15P for 120V w/ Cable |
| "-P2" - NEMA L6-15P for 240V | "-P7-C" - NEMA L6-15P for 240V w/ Cable |
| "-P3" - NEMA L7-15P for 277V | "-P8-C" - NEMA L7-15P for 277V w/ Cable |
| "-P5" - NEMA L18-20P for 208V | "-P10-C" - NEMA L18-20P for 208V w/ Cable |

NOTE: * Add Suffix to Part# for Factory Installed option
Factory installed plug options

Luminous Intensity Distribution Diagram



(800) 451-2606
 Fax: (800) 451-2605
 2451 Enterprise Parkway East
 Twinsburg, Ohio 44087 USA
 E-mail: venture@adlt.com
VentureLighting.com

