



Description

Venture Lighting's Modern Highbay luminaires are low profile, durable, and designed for long life and low maintenance. They are designed to quickly and easily upgrade existing H.I.D and fluorescent fixtures.

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 -22°F to 122°F (-30°C to 50°C). Modern high bay luminaires are water and dust resistant, with IP65 rating.

Optics

The 90W unit comes with a standard 120 degree beam spread for lower mounting heights, but can be adjusted in the field using the 90 degree lens.

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.

Application Notes

Can be used for Natatorium applications.

Notes:

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

DLC Model# HW-090N8-AA

Product Performance

Wattage	90W
Lumen Output	9500
Correlated Color Temperature (CCT)	4000K
Color Rendering Index (CRI)	80
Lumen Maintenance @50,000 hours*	92%
Calculated L70 @ 25°C Ambient in Hours*	240,000
Replaces HID Wattage	250W
Spacing Criterion (0-180)	1.3 x mtg height
Spacing Criterion (90-270)	1.3 x mtg height
Beam Angle (°)	120°
Operating Temperature Range	-22°F to 122°F (-30°C to 50°C)

Physical Characteristics

Input Cable Length	5ft.
Safety Cable Length	3ft.
Fixture Color	White
Weight	6.7 lbs
Length	10.4" dia.
Height	6.8"

Electrical Characteristics

Amperage Draw (Input Volts/Amps)	120/0.76 208/0.45 240/0.40 277/0.36
Surge Protection	4kV

Regulatory Qualifications

cULus Listed

DLC Qualified - Model# HW-090N8-AA

Accessories

LN13528 - 90 DEGREE PLASTIC LENS FOR 90W HIGHBAY

LN13597 - CLEAR PLASTIC LENS FOR 90W HIGHBAY

LN13489 – Frosted Polycarbonate Lens for 90W Highbay

RF13376 - 10.4" Dia. Alum. Shield for 90W Highbay (Silver)

AC78182 - 90W Pendant Mount Kit (White) for ¾" NPT

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

Add suffix "-S3" to order code for a factory installed fixture with a WET & LOW TEMP. RATED MOTION ONLY Sensor (Part # PH21458)

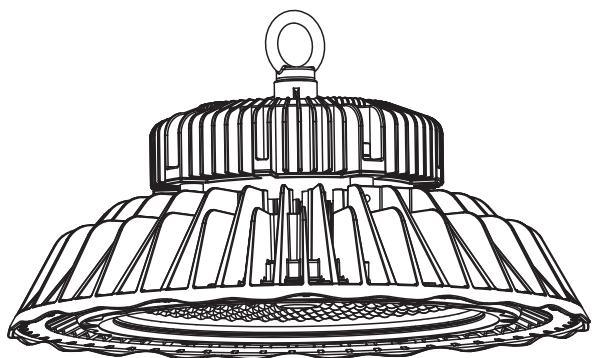
Add suffix "-S4" to order code for a factory installed fixture with a WET & LOW TEMP. RATED MOTION/DIM/PHOTOCELL Sensor (Part # PH27419)

For factory installed plug options see below

For plug options see accessories tab (NOT FACTORY INSTALLED)



Venture 90W LED Highbay Fixture



LN13597



RF13376



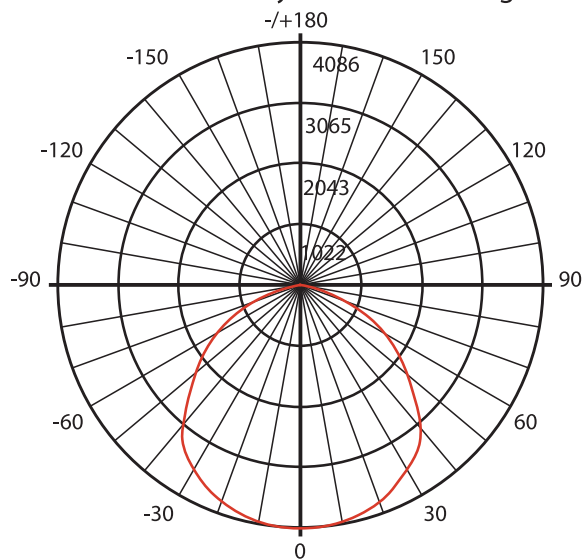
LN13528



S1/S2 Factory Installed Sensor

Accessories

Luminous Intensity Distribution Diagram



HB64698



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

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