



## Description

Venture Lighting's Modern High Bay luminaires are low profile, durable, and designed for long life and low maintenance. They are designed to upgrade quickly and easily 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.

## Warranty

For warranty information refer to: [www.venturelighting.com/resources/warranties](http://www.venturelighting.com/resources/warranties)

## Notes

\* Lumen maintenance data is based on LED testing per IES LM-80 and projected per IES TM-21

## Product Performance

Wattage	90W
Lumens	9500
Correlated Color Temperature (CCT)	4000K
Color Rendering Index (CRI)	80
Lumen Maintenance @50,000 Hours*	92%
Calculated L70 @25°C Ambient (Hrs)*	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
Length	10.4" dia.
Height	6.8"
Weight	6.7 lbs

## 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

## Accessories

AC26438 – Adjustable Bracket Kit, White (50-90W)

AC78182 – 90W Pendant Mount Kit (White) for 3/4" NPT

LN13528 – 90 Degree Plastic Lens for 90W Highbay

LN13597 – Clear Plastic Lens for 90W Highbay

LN13489 – Frosted Polycarbonate Lens for 90W Highbay

Add suffix "-S1" for factory installed fixture with Motion Only sensor (PH41623)

Add suffix "-S2" for factory installed fixture with Motion/Dim/Photocell sensor (PH77409)

Add suffix "-S3" for factory installed fixture with Wet & Low Rated Motion Only sensor (PH21458)

Add suffix "-S4" for factory installed fixture with Wet & Low Rated Motion/Dim/Photocell sensor (PH27419)

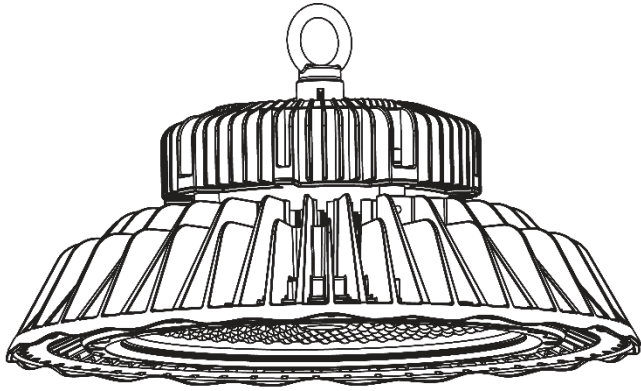
For factory installed plug options see below

For plug options see accessories tab (NOT FACTORY INSTALLED)

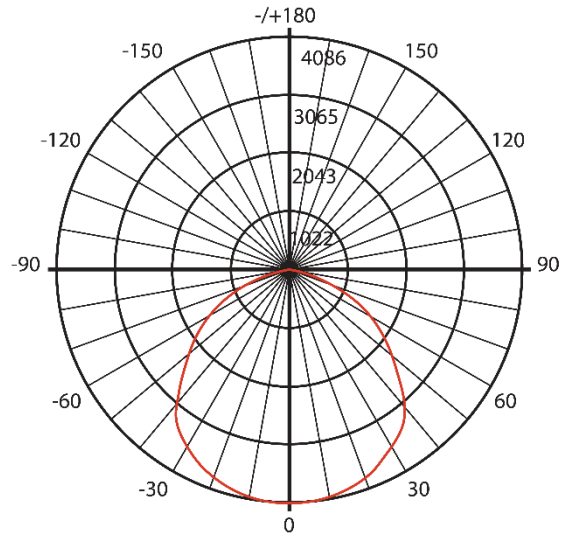
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# Venture 90W LED High Bay Fixture



Luminous Intensity Distribution Diagram



HB64698



LN13597



LN13528



S1/S2 Factory Installed Sensor



NEMA L5-15P



NEMA L18-20P



NEMA L6-15P



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

**(800) 451-2606**

7905 Cochran Road, Suite 300

Glenwillow, Ohio 44139 USA

Email: [Venture\\_Lighting@VentureLighting.com](mailto:Venture_Lighting@VentureLighting.com)

**VentureLighting.com**

