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 150W units are equipped with a 90 degree beam spread for higher mounting heights and are also field adjustable with an accessory 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

Notes

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

Product Performance

Wattage	150W
Lumens	19500
Correlated Color Temperature (CCT)	5000K
Color Rendering Index (CRI)	80
Lumen Maintenance @50,000 Hours*	92%
Calculated L70 @25°C Ambient (Hrs)*	230,000
Replaces HID Wattage	400W
Spacing Criterion (0-180)	1.3 x mtg height
Spacing Criterion (90-270)	1.3 x mtg height
Beam Angle (°)	90°
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	15.1" dia.
Height	7.6"
Weight	14.8 lbs

Electrical Characteristics

Amperage Draw (Input Volts/Amps)	120/1.21 208/0.73 240/0.64 277/0.56
Surge Protection	4kV

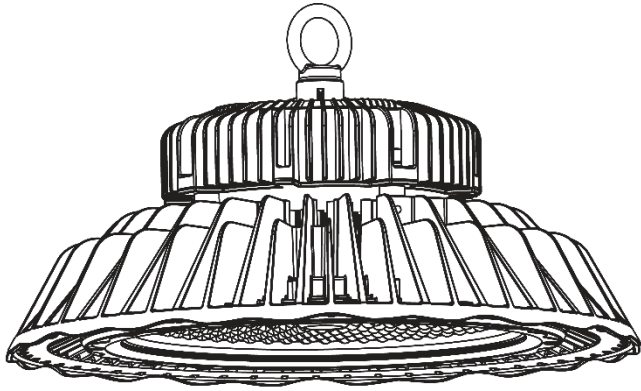## Regulatory Qualifications

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Accessories

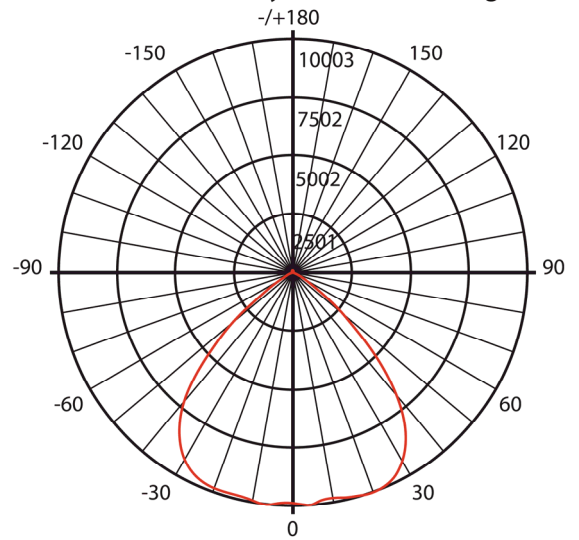| |
|---|
| AC26546 – Adjustable Bracket Kit, White (100-240W) |
| AC78196 – 150-200W Pendant Mount Kit (White) for 3/4" NPT |
| LN13632 – 120 Degree Plastic Lens for 100-300W Highbay |
| LN13421 – 120 Degree Clear Tempered Glass Flat Lens |
| LN13492 – Frosted Polycarbonate Lens for 100-300W Highbay |
| LN28431 – 50 Degree Lens for 100-200W Highbay (except 200W High Temp) |
| RF13912 – 16.5" Dia. Acrylic Reflector for 100-300W Highbay |
| RF13388 – 15.3" Dia. Alum. Shield for 100-300W Highbay (Silver) |
| 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) |

Revision: 06, 26-Aug 2022

Venture 150W LED High Bay Fixture

Luminious Intensity Distribution Diagram

HB95488

RF13912

RF13388

LN13632

LN28431

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

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