

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 -30°C to 40°C. Modern high bay luminaires are water and dust resistant, with IP65 rating.

Optics

The 300W 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 347-480V, 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 and projected per IESNA TM-21

DLC® Model# HW-300HNB-AP

Product Performance

Wattage	300W
Lumens	38160
Correlated Color Temperature (CCT)	4000K
Color Rendering Index (CRI)	70+
Lumen Maintenance @50,000 hours*	77%
Calculated L70 @ 25°C Ambient in Hours*	68,000
Replaces HID Wattage	1000W
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 104°F (-30°C to 40°C)

Physical Characteristics

Input Cable Length	5ft.
Safety Cable Length	3ft.
Fixture Color	White
Length	15.1" dia.
Height	8.3"
Weight	15.8 lbs

Electrical Characteristics

Amperage Draw (Input Volts/Amps)	347/0.90 480/0.70
Surge Protection	4kV

Regulatory Qualifications

cULus Listed

DLC Model# HW-300HNB-AP

Accessories

RF13912 - 16.5" Dia. Acrylic Reflector for 100W to 300W Highbay

RF13388 - 15.3" Dia. Alum. Shield for 100 to 300W Highbay (Silver)

LN13421 - Tempered Clear Flat Glass Lens

LN13492 - Frosted Polycarbonate Lens for 100W to 300W Highbay

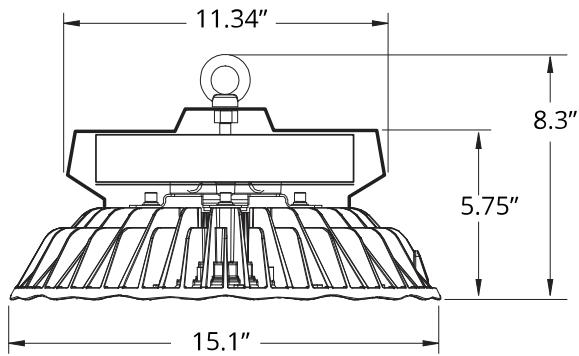
LN13632 - 120 Degree Plastic Flat Lens for 100W to 300W Highbay

LN13927 - 60 Degree plastic lens for 300W HB

AC51241 - Surface Mount Yoke for 300W 347-480V Highbay



Venture 300W LED Highbay Fixture



RF13912

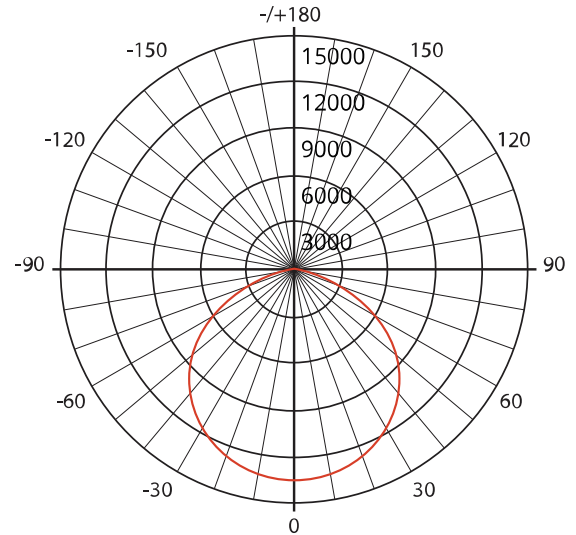


RF13388



LN13632

Luminous Intensity Distribution Diagram



NEMA L24-20P NEMA L8-20P

Plug Options*

Molded Plug Options with 11ft Cable*

"-P4" – NEMA P6-20P for 480V

"-P9-C" – NEMA P6-20P for 480V w/ cable

"-P14" – NEMA P24-20P for 347V

"-P15-C" – NEMA P24-20P for 347V w/ cable

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

Factory installed plug options

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