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http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

REPLACEMENT FOR 1000W HID

Incredible 75,000 hrs

GENERAL DESCRIPTION

Neptun's High Power LED High-Bay fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The COB lensed optics with various beam spread options allow for use in very high ceiling applications. It can replace existing HID & HPS fixtures up to 1000W.

APPLICATION

- Warehouse Lighting
- Factory Lighting
- Convention Center Lighting
- Retail Lighting
- Showroom Lighting
- Area & Storage Lighting
- Gymnasium Lighting

STRUCTURE, MATERIALS, & FEATURES

- Die cast aluminum housing with internal finned construction.
- Corrosion resistant electrocoat white finish (custom colors available).
- High Output COB Cree LED's.
- High power factor, low THD driver with surge protection.
- High performance Thermal Management system.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- Up to 15 year maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/ OFF Control.

ORDERING INFORMATION

Sample Number: LED-LP15-480-UNV-BL-DIM-850-B45-MD-C3
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Beam	Accessories	Options
LED-LP15 = LED Low Profile High-Bay	260 = 260 W 320 = 320 W 480 = 480 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming	835 = 3500°K 841 = 4100°K 850 = 5000°K* * Standard	B45 = 45° Beam B60 = 60° Beam B90 = 90° Beam B120 = 120° Beam	MD = Motion Sensor Detector DLH = Day Light Harvesting (offered with 0-10V Dimming)	C3* = 3' Cord-No Plug (other lengths available C6 = 6' cord) PC3 = 3' Cord with NEMA Plug (verify plug type when ordering) * Standard



PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-LP15-260-UNV	LED High Bay Fixture	260	263	27,089	120-277	2.27 - 0.98	<20%	>0.90	50 lbs
LED-LP15-320-UNV	LED High Bay Fixture	320	323	31,654	120-277	2.79 - 1.21	<20%	>0.90	50 lbs
LED-LP15-480-UNV	LED High Bay Fixture	480	483	45,885	120-277	4.20 - 1.82	<20%	>0.90	50 lbs

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- LED / Driver System Life 75,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 5000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 90
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 18, Subp. C
- Optics IP Rating IP 68
- Driver IP Rating IP 67
- Warranty 10 Year

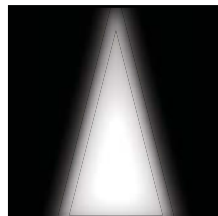
LENS DESIGN



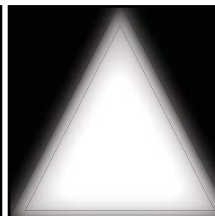
COB Glass Lens Optics:

- Offered in 4 beam spread options to adapt to specific mounting heights.
- No yellowing or aging of lens.

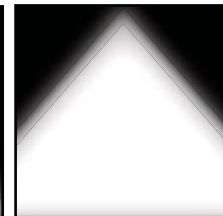
45° Beam



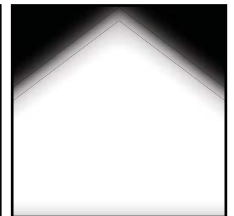
60° Beam



90° Beam

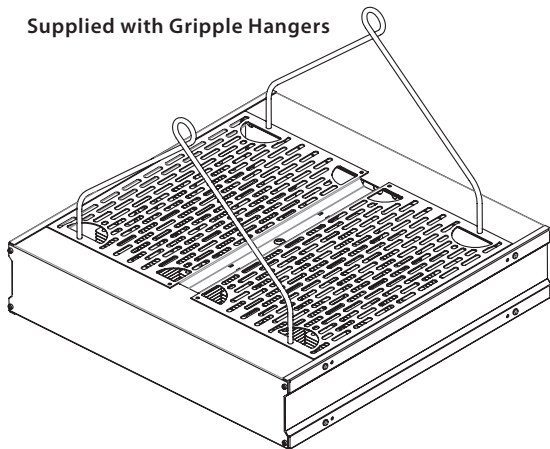


120° Beam

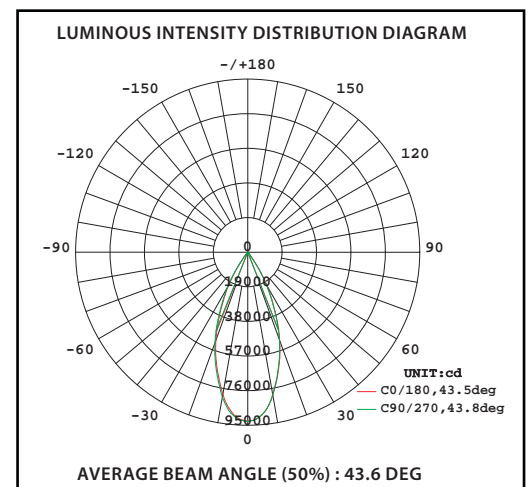


MOUNTING OPTIONS

Supplied with Gripple Hangers



PHOTOMETRICS (See Complete IES File)



Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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