

**** AVAILABLE ****

Bi-Level **Dimming**
100% 50%

0 - 10V
FULL DIMMING

Incredible **75,000 hrs**

GENERAL DESCRIPTION

Neptun's High Output LED Linear High-Bay fixtures combine classic form and versatility to make it an excellent choice for new construction or retrofit applications. The frosted polycarbonate lens optics allow for an even glow illumination. It can replace existing HID & HPS fixtures up to 400W.

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 back finned construction.
- Corrosion resistant electrocoat dark grey finish (custom colors available).
- Frosted polycarbonate lens for even glow illumination.
- Hanging mount with Gripple hanging system included.
- High power factor, low THD driver with 10kV 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.
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-1LH48-140-UNV-BL-DIM-850-MD-C3
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	CCT	Accessories	Options
LED-1LH48 = 4' Linear High Bay	140 = 140 W 160 = 160 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options.	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	MD = Motion Sensor ON/OFF 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-1LH48-140-UNV	Linear High Bay Fixture	140	142	13,300	120-277	1.22 - 0.53	<20%	>0.90	18 lbs
LED-1LH48-160-UNV	Linear High Bay Fixture	160	162	15,200	120-277	1.39 - 0.60	<20%	>0.90	18 lbs

SPECIFICATIONS

- Driver Constant Current
- Start Method InstantON
- Hot Re-start InstantON
- Power Supply 350mA
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Sound Rating Class A
- ANSI Surge Protection IEEE C62.41 C High
- Driver Off-State Draw 0 Watts
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- LED / Driver System Life 75,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 5,000°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 15, Subp. C
- Housing IP Rating IP54
- Driver IP Rating IP67
- Warranty 5 Year

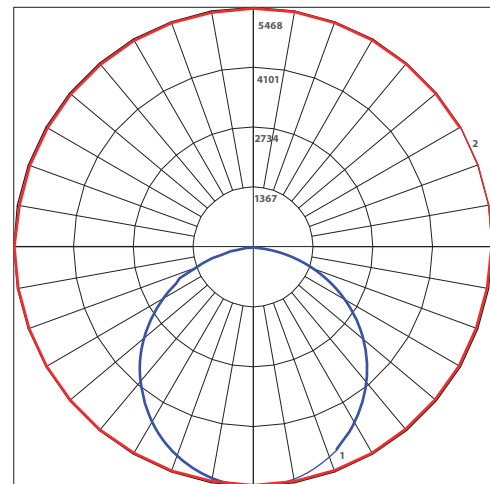
MOUNTING OPTIONS

Hanging Mount
Gripple Hangers Included



PHOTOMETRICS (See Complete IES File)

Polar Graph
Neptun Light, Inc.
LED-1LH48-160-UNV-850



Maximum Candela = 5467.999
 Located At Horizontal Angle = 0, Vertical Angle = 2.5
 #1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
 #2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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