

** AVAILABLE **

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's 12" low-profile square LED canopy fixture features architectural design and durability to be used in new construction or retrofit applications. The LED-LP12 series canopy fixture features excellent optics for increased visibility and security to evenly illuminate parking garages. It can replace existing HID & HPS canopy or parking garage fixtures up to 250 Watts.

APPLICATION

- Parking Garage Lighting
- Canopy Lighting
- Gas Station Lighting
- Indoor Lighting
- Storage Lighting
- Security Lighting
- Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat dark bronze or white finish.
- Continuous silicone gasket surrounds optics for weather-tight (IP68) seal.
- High Output COB LED's with borosilicate glass lens optics.
- High power factor, low THD driver with 6kV/3kA surge protection. Optional 20kV/10kA surge protector available.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management
- Up to 20 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, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-LP12040-UNV-0-10VDIM-850-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Pendant Length	Accessories	Color
LED-LP12 = Low-Profile 12" Square Canopy	040 = 40 W 060 = 60 W 080 = 80 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * EM-BB15 = 90min. Emergency Battery Backup @ 15w ** * Includes Motion Sensor ** Only available with 40w *** Contact Factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	None = Leave Blank ST6 = 6" Stem Length ST12 = 12" Stem Length ST18 = 18" Stem Length ST24 = 24" Stem Length	MD = Motion Detector ON/OFF SP = 20kV/10kA surge protector	BRZ = Bronze WHT = White * Custom Colors Available



lightinnovations@work™

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-LP12040-UNV	12" Square Canopy	40	42	4,800	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-LP12060-UNV	12" Square Canopy	60	62	7,200	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-LP12080-UNV	12" Square Canopy	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	12 lbs

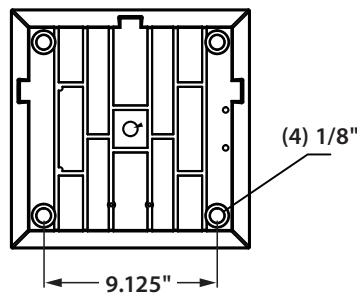
SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- 0-10V Dimming System 100%-0%
- Input Line Frequency 50/60 Hz
- Driver Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection IEEE C62.41 C High
- Projected (L70) @ 25°C > 100,000 hrs.
- Color Temperature 5000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 100
- 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 IP65
- Optics IP Rating IP68
- Driver IP Rating IP67
- Warranty 10 Year

MOUNTING OPTIONS

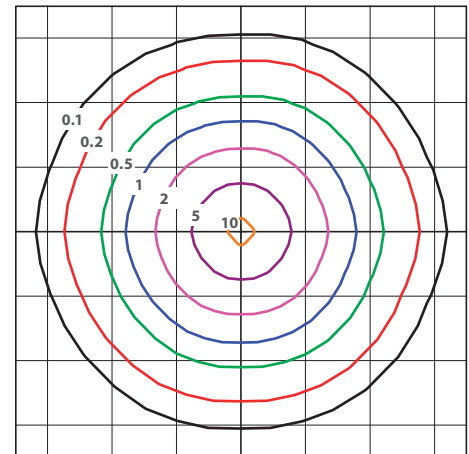


Pendant Mount



Surface Mount

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
 Scale: 1 Hash = 15 Ft.
 Light Loss Factor = 1.00
 Total Lamp Lumens = 8737.11
 Mounting Height = 15.00 Ft.
 Maximum Calculated Value = 10.81 Fc
 Arrangement: Single

NEPTUN LIGHT, INC.
 LED-LP12080-UNV-850

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

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.
 ©2002-2016 Neptun Light, Inc. All rights reserved.

Spec. Rev. 7-2016