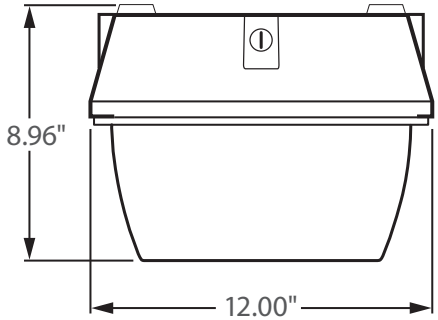
NEPTUN
LIGHT

LED
12" SQUARE CANOPY FIXTURE

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



DLC QPL LISTED

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 12" square LED canopy fixture features classic design and durability to be used in new construction or retrofit applications. The 12 series canopy fixture features excellent optics for increased visibility and security with horizontal and vertical footcandles to evenly illuminate parking garages. 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.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- Easy removal lens with (4) stainless steel screws.
- Continuous silicone gasket surrounds lens for weather - tight seal.
- High Output COB LED's.
- 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 15 year maintenance free operation.
- 5 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-12040-UNV-0-10VDIM-750-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-12 = 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	**735** = 3500°K **741** = 4100°K **750** = 5000°K * * Standard	**LD-120V** = Photocell 120V **LD-277V** = Photocell 277V **MD** = Motion Detector ON/OFF **SP** = 20kV/10kA surge protector	**BRZ** = Dark Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED

LED lighting facts LED Product Partner

lightinnovations@work™

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LED
12" SQUARE CANOPY FIXTURE

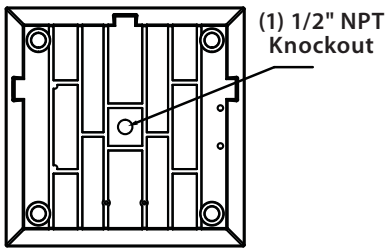
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-12040-UNV	LED 12" Square Canopy	40	41	4,400	120-277	0.34 - 0.15	<20%	>0.90	12 lbs
LED-12060-UNV	LED 12" Square Canopy	60	61	6,600	120-277	0.52 - 0.22	<20%	>0.90	12 lbs
LED-12080-UNV	LED 12" Square Canopy	80	81	8,800	120-277	0.69 - 0.30	<20%	>0.90	12 lbs

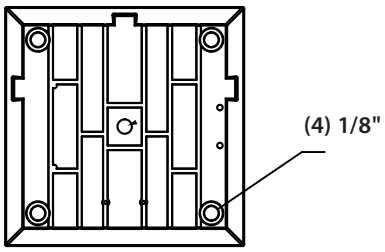
SPECIFICATIONS

- 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
- 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
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 15, Subp. C
- IP Rating IP65
- Warranty ..... 5 Year

MOUNTING OPTIONS

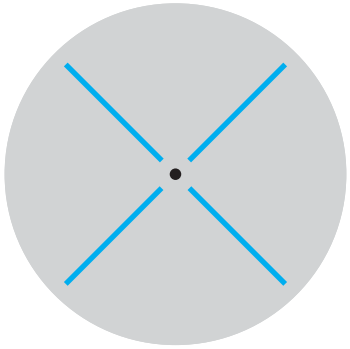


Pendant Mount



Surface Mount

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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