24VDC OPERATION

18.00"

4.00"

13.00"
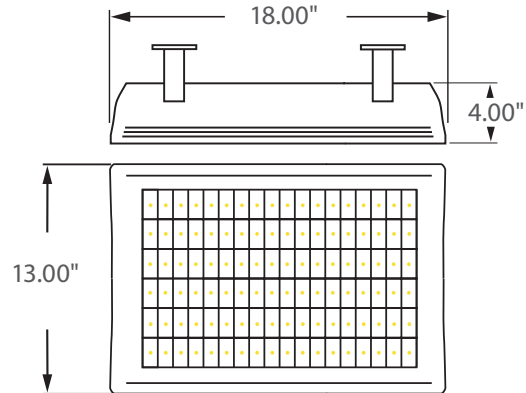
Incredible OFF GRID Operation

GENERAL DESCRIPTION

Neptun's 14" low-profile LED canopy fixture features classic design and durability to be used in new construction or retrofit applications. The 49 series canopy fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. The 24 Volt DC driver allows for compatible use with Solar or Wind powered systems. It can replace existing HID canopy or parking garage fixtures up to 200 Watts.

APPLICATION

· Solar Parking Garage Lighting
· Solar Canopy Lighting
· Solar Gas Station Lighting
· Solar Indoor Lighting
· Solar Storage Lighting
· Solar Security Lighting
· Solar Area Lighting

STRUCTURE, MATERIALS, & FEATURES

· Heavy-gauge, die-cast aluminum housing with cooling fins.
· Heat and impact resistant tempered glass lens with anti-glare diffuser.
· Corrosion resistant electrocoat dark grey finish (custom colors available).
· Continuous silicone gasketing surrounds lens for weather - tight seal.
· 108 PCS High Output LED's.
· High power factor, 24 Volt DC driver.
· 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)

ORDERING INFORMATION

Sample Number: LED-49040-14-24VDC-750-DGRY
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Size	Voltage	Color Temp	Accessories	Color
LED	49 = Low-Profile	075 = 75 W 100 = 100 W 120 = 120 W	14 = 14" Housing	24VDC = 24 VDC	735 = 3500°K 741 = 4100°K 750 = 5000°K * * Standard	LD = Photocell /Light Detector MD = Motion Sensor Detector	DGRY = Dark Grey * Custom Colors available

RoHS COMPLIANT
LEAD FREE

*light*innovations@work™

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
LED-49075-18-24VDC	LED Low-Profile Fixture	75	77	6,000	24	3.28	>0.98	30 lbs
LED-49100-18-24VDC	LED Low-Profile Fixture	100	102	8,200	24	4.37	>0.98	30 lbs
LED-49120-18-24VDC	LED Low-Profile Fixture	120	122	9,840	24	5.25	>0.98	30 lbs

SPECIFICATIONS

- LED Driver .... Constant Current
- Power Supply 350mA
- Start Method .... InstantON
- Hot Re-start .... InstantON
- Universal Input Line Voltage .... 24 VDC
- Input Line Frequency .... 50/60 Hz
- Driver Off-State Draw .... 0 Watts
- Sound Rating .... Class A
- LED / Driver System Life .... 70,000 Hrs.
- Lumen Maintenance @50,000Hrs .... > 70%
- Color Temperature .... 5000°K

- Color Rendering Index (CRI) .... >70
- Minimum Starting Temperature .... -40°C
- Maximum Starting Temperature .... 50°C
- Lumens per Watt .... > 79
- Shock / Vibration Resistant .... Yes
- Power Factor .... > 0.98
- ETL Listed / UL Standard 1598 .... Yes
- FCC Compliance .... Part 18, Subp. C
- IP Rating IP65
- Warranty .... 5 Year

MOUNTING OPTIONS

Surface Mount

Adjustable Mounting Brackets (Standard)
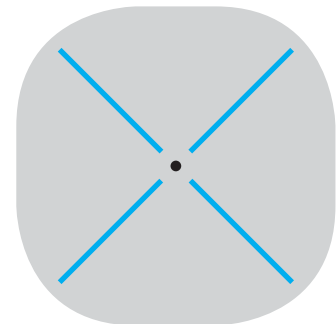
Hanging Mount

Supplied with Gripple Hangers (GPPL)

Pendant Mount 3/4" K.O. (PDM)

PHOTOMETRICS (See Complete IES File)

Type V Distribution

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