

Incredible **75,000 hrs**

GENERAL DESCRIPTION

Neptun's LED 23" gas station / freezer / canopy fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. . The LED-23 series fixture features excellent optics for increased visibility and security. It can replace existing HID & HPS canopy fixtures up to 400 Watts.

APPLICATION

- Gas Station Lighting
- Freezer Lighting
- Canopy Lighting
- Walkway Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Internal aluminum cooling fin heat sink for excellent thermal management.
- Corrosion resistant electrocoat white finish (custom colors available).
- High Output Cree LED's.
- High power factor, low THD 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.
- 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-23080-UNV-BL-DIM-850-MD-WHT
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-23 = Gas Station / Freezer / Canopy	080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 180 = 180 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24VDC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K * *Standard	MD = Motion Sensor Detector	WHT = White * Custom Colors Available



PRODUCT INFORMATION

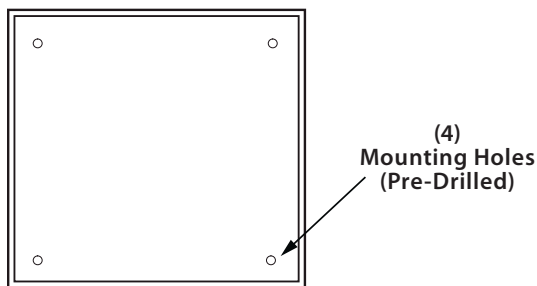
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-23080-UNV	LED 23" Canopy Fixture	80	82	6,800	120-277	0.69 - 0.30	<20%	>0.98	20 lbs
LED-23100-UNV	LED 23" Canopy Fixture	100	102	8,500	120-277	0.87 - 0.37	<20%	>0.98	20 lbs
LED-23120-UNV	LED 23" Canopy Fixture	120	122	10,200	120-277	1.05 - 0.45	<20%	>0.98	20 lbs
LED-23150-UNV	LED 23" Canopy Fixture	150	152	12,750	120-277	1.31 - 0.56	<20%	>0.98	20 lbs
LED-23180-UNV	LED 23" Canopy Fixture	180	182	15,300	120-277	1.57 - 0.68	<20%	>0.98	20 lbs

SPECIFICATIONS

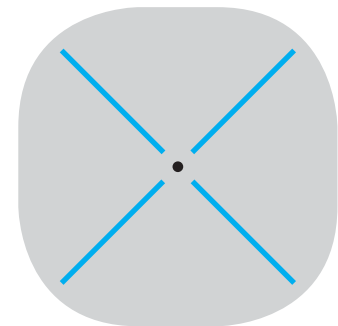
- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- LED / Driver System Life 70,000 Hrs.
- 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 > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 18, Subp. C
- Housing IP Rating IP65
- Lens IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Surface Mount



PHOTOMETRICS (See Complete IES File)



Type V Distribution