

**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING

Incredible **100,000 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 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 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-0-10VDIM-850-MD-WHT
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-23 = Gas Station - Freezer Fixture	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 = 24 VDC * * Only Available up to 100W	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 Detector ON/OFF SP = 20kV/10kA surge protector	WHT = White * Custom Colors Available



PRODUCT INFORMATION

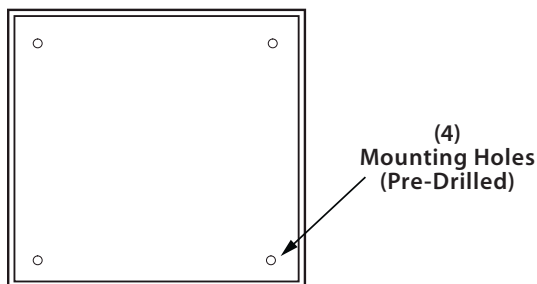
Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-23080-UNV	LED 23" Canopy Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-23100-UNV	LED 23" Canopy Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-23120-UNV	LED 23" Canopy Fixture	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	20 lbs
LED-23150-UNV	LED 23" Canopy Fixture	150	152	18,000	120-277	1.31 - 0.56	<20%	>0.90	20 lbs
LED-23180-UNV	LED 23" Canopy Fixture	180	182	21,600	120-277	1.57 - 0.68	<20%	>0.90	20 lbs

SPECIFICATIONS

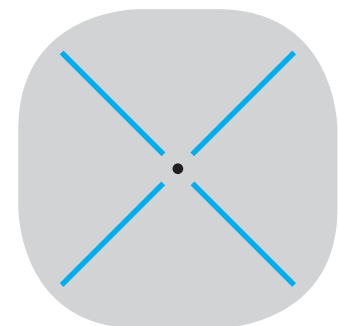
- LED Driver Constant Current
- Power Supply 350mA
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Driver Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI 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
- FCC Compliance Part 15, Subp. C
- Driver IP Rating IP67
- Lens IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Surface Mount



PHOTOMETRICS (See Complete IES File)



Type V Distribution