23.00"

8.50"   7.75"

** AVAILABLE **

Bi-Level 100% | Dimming 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 borocilicate 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

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS
LEAD FREE COMPLIANT

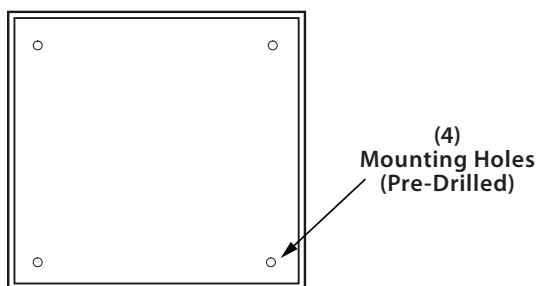## *light*innovations@**work**™

PRODUCT INFORMATION

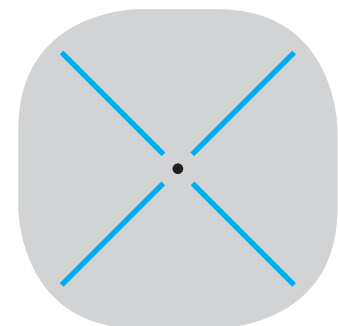| Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-23080-UNV	LED 23" Canopy Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-23100-UNV	LED 23" Canopy Fixture	100	102	12,000	120-277	0.87 - 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

(4) Mounting Holes (Pre-Drilled)

PHOTOMETRICS (See Complete IES File)

Type V Distribution