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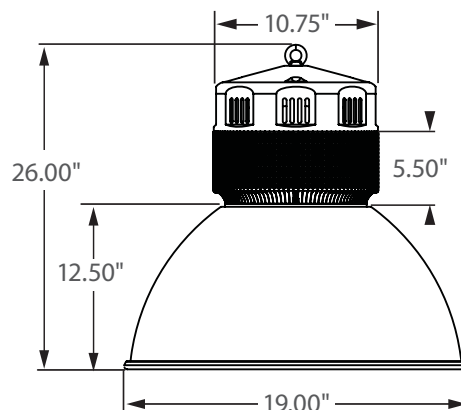
Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

**\*\* AVAILABLE \*\***

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

10.75"
26.00"
5.50"
12.50"
19.00"

## Incredible **100,000** hrs

## GENERAL DESCRIPTION

Neptun's LED Polycarbonate Low-Bay fixtures combine classic form and versatility to make it an excellent choice for new construction or retrofit applications. The polycarbonate refractor offers excellent optics with horizontal and vertical footcandles. The 19" housing is offered in a variety of wattages to provide maximum flexibility in all types of applications. It can replace existing HID & HPS fixtures up to 400W.

## APPLICATION

·   Warehouse Lighting
·   Factory Lighting
·   Retail Lighting
·   Showroom Lighting
·   Grocery Store Lighting
·   Area & Storage Lighting
·   Gymnasium Lighting

## STRUCTURE, MATERIALS, & FEATURES

·   19" High Efficiency, heat and impact resistant, UV protected, non yellow-ing, polycarbonate refractor.
·   Corrosion resistant die-cast aluminum gear box with electrocoat finish.
·   High Output COB LED's.
·   High power factor, low THD driver with 6kV/3kA surge protection.
·   High performance Thermal Management system.
·   Instant-On flicker-free Cold Start and Hot Re-Start.
·   Bright white light (5000°K) for greater visibility and safety.
·   Up to 15 year maintenance free operation.
·   5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
·   **Optional**: Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

## ORDERING INFORMATION

Sample Number: LED-18080-PC-UNV-BL-DIM-850-MD-C3
Custom options and accessories available. Please consult factory

| Series | Wattage | Reflector | Voltage | Options | CCT | Accesories | Options |
|---|---|---|---|---|---|---|---|
| **LED-18** = 19" High Bay | **80** = 80 W<br>**100** = 100 W<br>**120** = 120 W<br>**160** = 160 W<br>**240** = 240 W | **PC** = Polycarbonate | **UNV** = 120-277 VAC<br>**347V** = 347 VAC<br>**480V** = 480 VAC | **0-10VDIM** = 0-10V Dimming<br>**BL-DIM** = Bi-Level Dimming *<br>**\*** Includes Motion Sensor<br>**\*\*** Contact Factory for dimming options | **835** = 3500°K<br>**841** = 4100°K<br>**850** = 5000°K *<br>**\*** Standard | **MD** = Motion Sensor ON/OFF<br>**DLH** = Day Light Harvesting*<br>**\*** Offered with 0-10V Dimming | **C3\*** = 3' Cord-No Plug<br>(other lengths available C6 = 6' cord)<br>**PC3** = 3' Cord with NEMA Plug<br>(verify plug type when ordering)<br>**PL** = Polycarbonate Lens<br>**PDM** = 3/4" Knockout<br>**\*** Standard |

**PROUDLY MADE IN AMERICA** WITH DOMESTIC AND IMPORTED MATERIALS

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LED **lighting facts** LED Product Partner

## *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-18080-PC-UNV | LED Low Bay Fixture | 80 | 81 | 8,800 | 120-277 | 0.69 - 0.30 | <20% | >0.90 | 20 lbs |
| LED-18100-PC-UNV | LED Low Bay Fixture | 100 | 101 | 11,000 | 120-277 | 0.87 - 0.37 | <20% | >0.90 | 20 lbs |
| LED-18120-PC-UNV | LED Low Bay Fixture | 120 | 121 | 13,200 | 120-277 | 1.05 - 0.45 | <20% | >0.90 | 20 lbs |
| LED-18160-PC-UNV | LED High Bay Fixture | 160 | 162 | 17,600 | 120-277 | 1.39 - 0.60 | <20% | >0.90 | 20 lbs |
| LED-18240-PC-UNV | LED High Bay Fixture | 240 | 243 | 26,400 | 120-277 | 2.10 - 0.90 | <20% | >0.90 | 20 lbs |

## SPECIFICATIONS

- Driver ................................................ Constant Current
- Start Method ...................................... InstantON
- Hot Re-start ....................................... InstantON
- Power Supply ..................................... 350mA
- Driver UL Rating ................................. Class 1
- Driver UL Outdoor Rated ...................... Wet Location
- Sound Rating ..................................... Class A
- ANSI Surge Protection .......................... IEEE C62.41 C High
- Driver Off-State Draw ........................... 0 Watts
- Universal Input Line Voltage .................... 120-277 VAC
- Input Line Frequency ........................... 50/60 Hz
- Projected (L70) @ 25°C .......................... > 100,000 hrs.
- Color Temperature .............................. 5,000°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
- ETL Listed / UL Standard 1598 ................... Yes
- Housing IP Rating ................................ IP43
- Driver IP Rating .................................. IP67
- Warranty .......................................... 5 Year

## MOUNTING OPTIONS

**Hook Mount (Standard)**

**Pendant Mount**
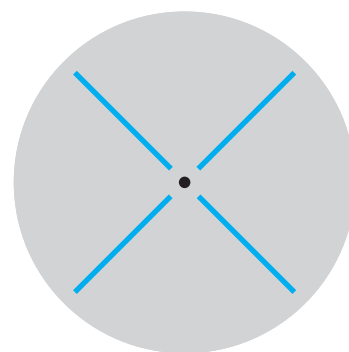(Verify NPT size with factory)



## PHOTOMETRICS (See Complete IES File)



**Type V Distribution**