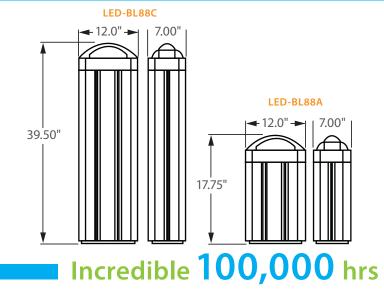


# **LED**BOLLARD FIXTURES





#### **GENERAL DESCRIPTION**

Neptun's LED bollards features architectural design and durability to make it an excellent choice for new construction or retrofit applications. The LED-B88 series feature custom engineered optics for excellent illumination and uniformity. It can replace existing HID & HPS fixtures up to 100W.

#### **APPLICATION**

- · Security Lighting
- · Area Lighting
- · Walkway Lighting
- · Landscape Lighting

## STRUCTURE, MATERIALS, & FEATURES

- · Heavy-gauge, die-cast aluminum housing.
- · High Efficiency, UV protected, non-yellowing polycarbonate lens.
- · Corrosion resistant electrocoat black finish (custom colors available).
- · Continuous silicone gasketing surrounds lens for weather tight seal.
- · High output COB LED's.
- · Bright white light (5000°K) for greater visibility and safety.
- · High power factor, low THD driver with 6kV/3kA surge protection.
- · InstantON flicker-free Cold Start and Hot Re-Start.
- · Up to 15 years Maintenance free operation.
- · 5 Year Warranty on complete fixture. (LED's & Housing)

#### ORDERING INFORMATION

Sample Number: LED-BL88A-015-UNV-850-BLK Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp.	Color
<b>LED-BL88A</b> = 17.75"Bollard <b>LED-BL88C</b> = 39.50" Bollard		<b>UNV</b> = 120-277VAC	<b>835</b> = 3500°K <b>841</b> = 4100°K <b>850</b> = 5000°K * * Standard	BLK = Black * 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-BL88A015-UNV	Bollard Fixture	15	16	1,250	120 - 277	0.13 - 0.05	<20%	>0.90	20 lbs
LED-BL88C015-UNV	Bollard Fixture	15	16	1,250	120 - 277	0.13 - 0.05	<20%	>0.90	20 lbs

#### **SPECIFICATIONS**

51 ECH 16/1110115			
· LED Driver	Constant Current	· Color Temperature	5,000°K
Power Supply	350mA	· Color Rendering Index (CRI)	>80
Start Method	InstantON	<ul> <li>Minimum Starting Temperature</li> </ul>	-40°C
Hot Re-start	InstantON	<ul> <li>Maximum Starting Temperature</li> </ul>	+50°C
Driver UL Rating	Class 1	· Lumens per Watt	>80
Driver UL Outdoor Rated	Wet Location	<ul> <li>Shock / Vibration Resistant</li> </ul>	Yes
Sound Rating	Class A	Power Factor	> 0.90
ANSI Surge Protection	IEEE C62.41 C High	<ul> <li>Total Harmonic Distortion</li> </ul>	< 20%
Driver Off-State Draw	0 Watts	<ul> <li>Inrush Current Peak</li> </ul>	< 10 Amp
· Universal Input Line Voltage	120-277 VAC	FCC Compliance	Part 15, Subp. C
· Input Line Frequency	50/60 Hz	IP Rating	IP65
<ul> <li>Projected (L70) @ 25°C</li> </ul>	> 100,000 hrs.	Warranty	5 Year

# **DRILLING PATTERN**

