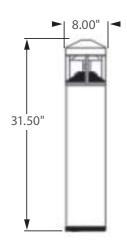


# **LED**BOLLARD FIXTURES





## Incredible 100,000 hrs

#### **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-B91 series feature custom engineered optics for excellent illumination and uniformity. It can replace existing HID & HPS fixtures up to 100W.

#### **APPLICATION**

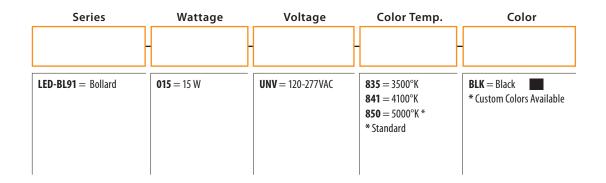
- · Security Lighting
- · Area Lighting
- · Walkway Lighting
- · Landscape Lighting

#### 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-BL91-015-UNV-850-BLK Custom options and accessories available. Please consult factory











#### **PRODUCT INFORMATION**

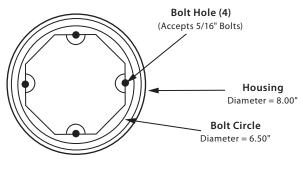
Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight	
LED-BL91015-UNV	Bollard Fixture	15	16	1,250	120 - 277	0.13 - 0.05	<20%	>0.90	20 lbs	

#### **SPECIFICATIONS**

LED Driver	Constant Current
Power Supply	350mA
Start Method	
Hot Re-start	InstantON
Universal Input Line Voltage	120-277 VAC
Input Line Frequency	50/60 Hz
Driver Off-State Draw	
Sound Rating	Class A
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	>80
Shock / Vibration Resistant	Yes
Power Factor	> 0.90
Total Harmonic Distortion	< 20%
Inrush Current Peak	< 10 Amp
FCC Compliance	Part 15, Subp. C
IP Rating	IP65
Warranty	

### **DRILLING PATTERN**



(Bolts Not Included)