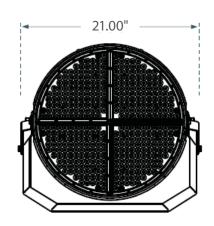
### LED

## PROFESSIONAL STADIUM FIXTURES SPORTS LIGHTER INDOOR/OUTDOOR





### Incredible 100,000 hrs

### **GENERAL DESCRIPTION**

Neptun's LED Sports Lighter fixture features an architectural design and durability to be used in new construction or retrofit applications. The LED-PF63 series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 2000 Watts.

#### **APPLICATION**

- · Sports Field Lighting
- · Sports Arena Lighting
- · Gymnasium Lighting
- · High-Mast Lighting
- Yard Lighting
- · Area & Storage Lighting

### STRUCTURE, MATERIALS, & FEATURES

- · Heavy-gauge, die-cast aluminum housing with cooling fins.
- · Heat and impact resistant tempered glass lens with anti-glare diffuser.
- · Continuous silicone gasket surrounds lens for IP65 weather tight seal.
- · Instant-On flicker-free Cold Start and Hot Re-Start.
- · LED engine design with Advanced Thermal Management.
- · High Output LED's.
- High power factor, low THD driver with 6kV/3kA surge protection.
   Optional 20kV/10kA surge protector available.
- · Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- Optional: 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

### ORDERING INFORMATION

Sample Number: LED-PF63-500-UNV-0-10VDIM-850-B15 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Beam Angle	Accessories		
<b>LED-PF63</b> = Professional Sports Lighter	500 = 500 W 750 = 750 W 1000 = 1,000 W 1250 = 1,250 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	<b>0-10VDIM</b> = 0-10V Dimming * Contact Factory for dimming options.	<b>841</b> = 4100°K <b>850</b> = 5000°K	B15 = 15° Beam (NEMA 2) B25= 30° Beam (NEMA 4) B40 = 40° Beam (NEMA 5)	SP = 20kV/10kA surge protector		







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# PROFESSIONAL STADIUM FIXTURES SPORTS LIGHTER INDOOR/OUTDOOR

### **PRODUCT INFORMATION**

Model No.	Description	Rated Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-PF63-500-UNV	LED Sports Lighter	500	65,000	120-277	4.37 - 1.89	<15%	>0.95	60 lbs
LED-PF63-750-UNV	LED Sports Lighter	750	97,500	120-277	6.56 - 2.84	<15%	>0.95	60 lbs
LED-PF63-1000-UNV	LED Sports Lighter	1,000	130,000	120-277	8.74 - 3.79	<15%	>0.95	80 lbs
LED-PF63-1250-UNV	LED Sports Lighter	1,250	162,500	120-277	10.93 - 4.73	<15%	>0.95	80 lbs

### **SPECIFICATIONS**

<ul> <li>Driver Constant Current</li> <li>Start Method InstantON</li> <li>Hot Re-start InstantON</li> <li>Driver UL Rating Class 1</li> <li>Driver UL Outdoor Rated Wet Location</li> <li>Sound Rating Class A</li> <li>ANSI Surge Protection IEEE C62.41 C High</li> <li>Driver Off-State Draw 0 Watts</li> <li>Universal Input Line Voltage 120-277 VAC</li> <li>Input Line Frequency 50/60 Hz</li> </ul>
<ul> <li>Hot Re-start. InstantON</li> <li>Driver UL Rating. Class 1</li> <li>Driver UL Outdoor Rated. Wet Location</li> <li>Sound Rating. Class A</li> <li>ANSI Surge Protection IEEE C62.41 C High</li> <li>Driver Off-State Draw. 0 Watts</li> <li>Universal Input Line Voltage 120-277 VAC</li> <li>Input Line Frequency 50/60 Hz</li> </ul>
<ul> <li>Driver UL Rating</li> <li>Driver UL Outdoor Rated</li> <li>Sound Rating</li> <li>Class A</li> <li>ANSI Surge Protection</li> <li>Driver Off-State Draw</li> <li>Universal Input Line Voltage</li> <li>Input Line Frequency</li> <li>Class A</li> <li>Wet Location</li> <li>IEEE C62.41 C High</li> <li>Driver Off-State Draw</li> <li>Input Line Frequency</li> <li>50/60 Hz</li> </ul>
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· Input Line Frequency50/60 Hz
<ul> <li>Projected (L70) @ 25°C &gt; 100,000 hrs.</li> </ul>
· Color Temperature
· Color Rendering Index (CRI)>80

	Beam Angle	15°/25°/40°
	Minimum Starting Temperature	40°C
•	Maximum Starting Temperature	+50°C
•	Lumens per Watt	> 130
•	Shock / Vibration Resistant	Yes
•	Power Factor	> 0.95
•	Total Harmonic Distortion	< 15%
•	Inrush Current Peak	< 10 Amp
•	FCC Compliance	Part 15, Subp. C
•	Housing IP Rating	IP65
•	Driver IP Rating	IP67

### **APPLICATIONS**

#### Outdoor Professional Sports Lighting



### Indoor Professional Sports Lighting



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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

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Spec. Rev. 1-2018