



Incredible **75,000** 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-PF62 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-PF62-500-UNV-0-10VDIM-850-B15  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Beam Angle	Accessories
<b>LED-PF62</b> = Professional Sports Lighter	<b>500</b> = 500 W <b>1000</b> = 1,000 W	<b>UNV</b> = 120-277 VAC <b>347V</b> = 347 VAC <b>480V</b> = 480 VAC	<b>0-10VDIM</b> = 0-10V Dimming * Contact Factory for dimming options.	<b>841</b> = 4100°K <b>850</b> = 5000°K	<b>B15</b> = 15° Beam <b>B30</b> = 30° Beam <b>B60</b> = 60° Beam	<b>SP</b> = 20kV/10kA surge protector



### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-PF62-500-UNV	LED Sports Lighter	500	60,000	120-277	4.37 - 1.89	<15%	>0.95	60 lbs
LED-PF62-1000-UNV	LED Sports Lighter	1,000	120,000	120-277	8.74 - 3.79	<15%	>0.95	80 lbs

### SPECIFICATIONS

- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- 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 ..... 4,100°K / 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Beam Angle ..... 15°/30°/60°
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 120
- 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
- Warranty ..... 5 Year

### APPLICATIONS

**Outdoor Professional Sports Lighting**



**Indoor Professional Sports Lighting**

