



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
LED-PF63 = 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	0-10VDIM = 0-10V Dimming * Contact Factory for dimming options.	841 = 4100°K 850 = 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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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

- 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°/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
- Warranty 5 Year

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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