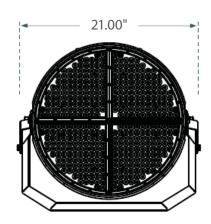
LED

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		
			_	_	-	_		
LED-PF63 = Professional Sports Lighter	500 = 500 W 750 = 750 W 1000 = 1,000 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		
	1250 = 1,250 W							









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	
•	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
•		
•	Universal Input Line Voltage	120-277 VAC
•	Input Line Frequency	50/60 Hz
•	Projected (L70) @ 25°C	> 100,000 hrs.
•	Color Temperature	
	Color Rendering Index (CRI)	

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

