



Catalog Number	
Project	Type

## FEATURES & SPECIFICATIONS

**APPLICATION** — The high performance luminaire is designed for applications where long life, low maintenance, and consistent color rendering is required. Various beam spreads allow for a customized finish to any property. The high end system was designed for 120V operation. The fixture can be ground, wall, or pole mounted making it versatile enough for commercial, industrial, or residential lighting applications.

**CONSTRUCTION** — The heavy duty housing is constructed of cast aluminum. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. The housing acts as a heat sink with heat dissipating fins to maintain a cool operating LED for maximum life. The fins are independently supported to allow for unobstructed airflow. The fixture is designed to efficiently perform in any mounting orientation.

**FINISH** — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, OD Green, White. Custom colors available upon request.

**OPTICAL SYSTEM** — Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmissivity materials to achieve precise photometric distributions. Available in NEMA 2x2, 5x5 and 7x7 beam configurations.

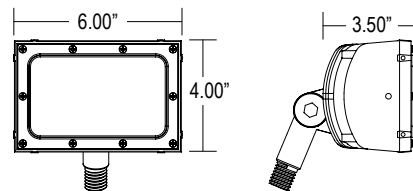
**ELECTRICAL SYSTEM** — **NOTE: A TECHLIGHT SURGE PROTECTOR MUST BE INCORPORATED INTO THE LED SYSTEM AT THE BEGINNING OF EACH CIRCUIT AS A MINIMUM. FAILURE TO DO SO WILL VOID THE SYSTEM WARRANTY.** Fixture operates at 120V input voltage. Nominal open circuit current .37 amps. A 44 watt LED source provides approximately 3000 Lumens of light. System is compatible with the use of a standard triac dimmer.

**MOUNTING** — Standard mounting option available is a 1/2" threaded knuckle mount. Additional mounting options may be available for custom applications.

**LISTINGS** — Meets US and Canadian safety standards. -40°C to 50°C ambient operation. RoHS Compliant.



## LED Power Flood Luminaire LPF SERIES



Series	Housing Height	Depth & Width
<b>LPF</b>	4.00"	3.50" x 6.00"

## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **LPF CW 8 NF BZ**

Series	Color Temp	# LED's	Optics	Finish
<b>LPF</b>	<b>CW</b> Cool White (5500K) <b>NW</b> Neutral White (4000K) <b>WW</b> Warm White (3000K)	<b>8</b> 8 LED	<b>TNS</b> Narrow Spot (NEMA 2x2) <b>TNF</b> Narrow Flood (NEMA 5x5) <b>TWF</b> Wide Flood (NEMA 7x7)	<b>BK</b> Black <b>BZ</b> Bronze <b>GR</b> OD Green <b>WH</b> White <b>SP</b> Special <sup>1</sup>

### Accessories (Order as separate line items)

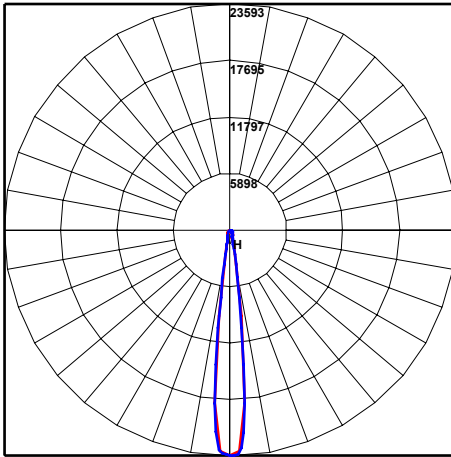
<b>BSP3-120-LC<sup>2</sup></b>	120V Surge Protector	<b>PSJ163</b>	16 Gauge 3 Strand Lead Wire
<b>B01</b>	Tree Base	<b>S200N</b>	2-Piece Adjustable Shield
<b>B03</b>	4" Round 3 Hole Cover	<b>S201N</b>	Three Sided Debris Free Shield
<b>P4025D</b>	2-3/8" OD Tenon Mount Adaptor	<b>S202N</b>	Four Sided Debris Free Shield
<b>B16-12</b>	Palm Tree Base with 12" Strap		
<b>TL5BBJB</b>	Brass Junction Box		
<b>LMSB</b>	20" x 2.5" Mounting Stake		
<b>TLHB800RCH</b>	Digital Timer		

#### NOTES

- 1 Custom RAL color matching is available. Contact your Techlight sales representative for additional information.
- 2 A Techlight Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.

# LPF LED Power Flood Luminaire

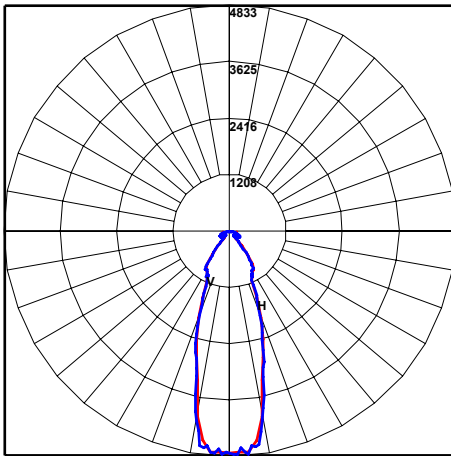
## PHOTOMETRICS



Maximum Candela = 23593.1 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

### CHARACTERISTICS

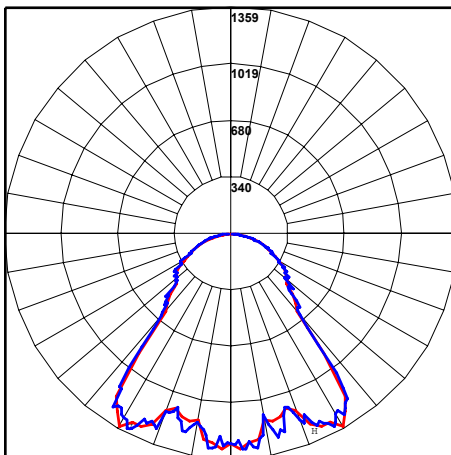
LPF LED Power Flood  
LPFCW8TNS  
CREE HV XM-L Cool White  
Color Temperature: 5,000 K CRI: 68  
Total Luminaire Lumens: 2909  
Total Luminaire Watts: 44  
Ballast Factor: 1.00



Maximum Candela = 4832.69 Located At Horizontal Angle = 0, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

### CHARACTERISTICS

LPF LED Power Flood  
LPFCW8TNF  
CREE HV XM-L Cool White  
Color Temperature: 5,000 K CRI: 68  
Total Luminaire Lumens: 2965  
Total Luminaire Watts: 44  
Ballast Factor: 1.00



Maximum Candela = 1359.11 Located At Horizontal Angle = 27.5, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

### CHARACTERISTICS

LPF LED Power Flood  
LPFCW8TWF  
CREE HV XM-L Cool White  
Color Temperature: 5,000 K CRI: 68  
Total Luminaire Lumens: 2909  
Total Luminaire Watts: 44  
Ballast Factor: 1.00

# LPF LED Power Flood Luminaire

## MOUNTING ACCESSORIES

**B01**  
Tree Base



**P4025D**  
2-3/8" OD Tenon Mount Adaptor



**GEPTBZ**  
Low Profile Tree Base



**B03**  
4" Round 3 Hole Cover



**TLB80RCH**  
Brass Junction Box



**B16-12**  
Palm Tree Base with 12' Strap

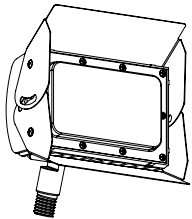


**LMSB**  
20" x 2.5" Mounting Stake

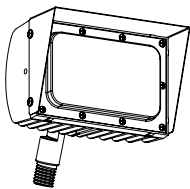


## ADDITIONAL FIXTURE ACCESSORIES

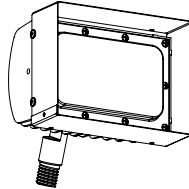
**S200N**  
2-Piece Adjustable Shield



**S201N**  
Three Sided Debris Free Shield



**S202N**  
Four Sided Debris Free Shield



**BSP3-120-LC<sup>1</sup>**  
120V Surge Protector



**TLHB800RCH**  
Digital Timer



**PSJ163**  
16 Gauge 3 Strand Lead Wire



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