



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 transmittivity materials to achieve precise photometric distributions. Available in NEMA 2x2, 5x5 and 7x7 beam configurations.

ELECTRICAL SYSTEM — 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.

LPF SERIES

LED Power Flood Luminaire



Shown with optional S200 Shield

SERIES	HEIGHT x DEPTH x WIDTH
LPF	4.00" x 3.50" x 6.00"

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.

MOUNTING — Standard mounting option available is a ½" 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.

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:

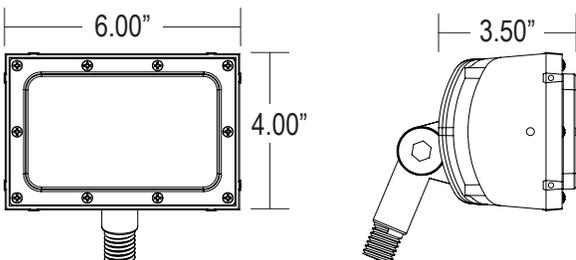
LPF CW 8 TNS BK

LPF				
SERIES	COLOR TEMP/CCT	# LED'S	OPTICS	FINISH
	CW = Cool White (5500K) NW = Neutral White (4000K) WW = Warm White (3000K)	8 = 8 LED	TNS = Narrow Spot (NEMA 2x2) TNF = Narrow Flood (NEMA 5x5) TWF = Wide Flood (NEMA 7x7)	BZ = Bronze BK = Black GR = OD Green WH = White SP = Special ¹

ACCESSORIES (Order as separate line items)

102552²	120V Surge Protector	PSJ163	16 Gauge 3 Strand Lead Wire
B01	Tree Base	S200N	2-Piece Adjustable Shield
B03	4" Round 3 Hole Cover	S201N	Three Sided Debris Free Shield
P4025D	2-3/8" OD Tenon Mount Adaptor	S202N	Four Sided Debris Free Shield
B16-12	Palm Tree Base with 12" Strap		
TLSBBJB	Brass Junction Box		
LMSB	20" x 2.5" Mounting Stake		
TLHB800RCH	Digital Timer		

FIXTURE DIMENSIONS



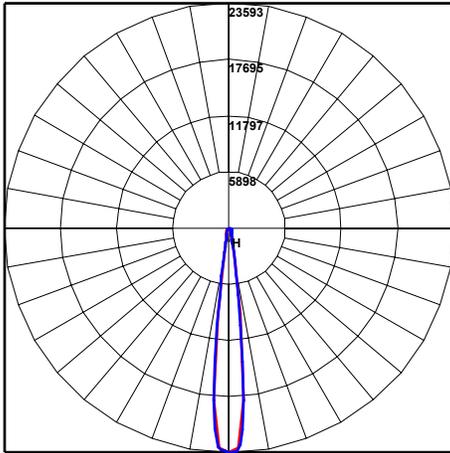
NOTES

- 1 = Custom RAL color matching is available. Contact your 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

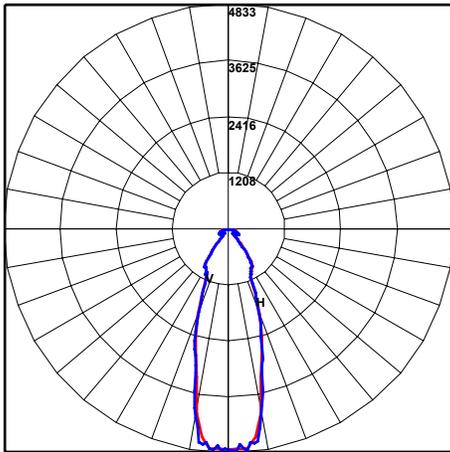
PHOTOMETRIC CHARACTERISTICS



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

CHARACTERISTICS

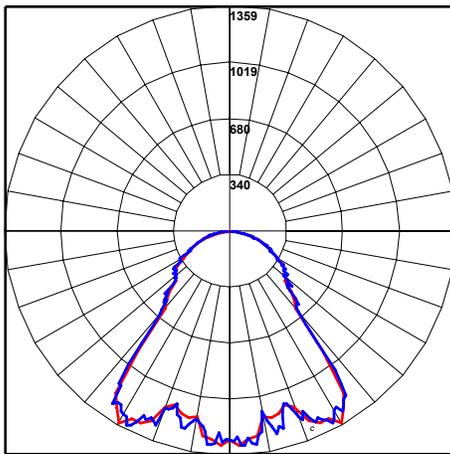
LPF LED Power Flood
LPFCW8TNS
CREE HV XM-L Cool White
Color Temperature: 5,000 K CRI: 68
Total Luminaire Lumens: 2909
Total Luminaire Watts: 44
Ballast Factor: 1.00



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

MOUNTING ACCESSORIES

B01
Tree Base



P4025D
2-3/8" OD Tenon Mount Adaptor



B03
4" Round 3 Hole Cover



TLSBBJB
Brass Junction Box



LMSB
20" x 2.5" Mounting Stake



GEPTBZ
Low Profile Tree Base

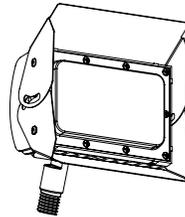


B16-12
Palm Tree Base with 12' Strap

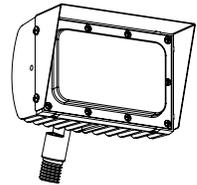


ADDITIONAL FIXTURE ACCESSORIES

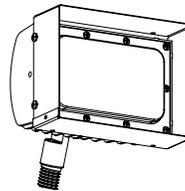
S200N
2-Piece Adjustable Shield



S201N
Three Sided Debris Free Shield



S202N
Four Sided Debris Free Shield



PSJ163
16 Gauge 3 Strand Lead Wire



102552
120V Surge Protector



TLHB800RCH
Digital Timer



WARNING: Maintenance performed including the replacement of LEDs while power is still supplied to the luminaire may result in system failures and will void the warranty.



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2707 SATSUMA | DR. DALLAS, TX 75229 | PH: 800.225.0727 | www.techlight.com