



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. The adjustable yoke, 2-3/8" tenon mount adaptor, or wall mount bracket allows for a wide range of mounting options and optimal light control. 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. Modular LED bricks wired in parallel for ease of maintenance. ETL listed for wet locations (IP64). Additional IP66 rating available upon request.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US 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 Type II, III, IV, V Medium and V Wide beam configurations.

ELECTRICAL SYSTEM — Available in up to a 1 brick LED system in 5000K Cool White (+/- 500K) or 4100K Neutral White color temperatures propagated with Philips Lumileds LUXEON® T LED's. Available with 90-300V 50/60 Hz Class II power supply. LED's rated over 425,000 hours (TM21 Calculated L70) at 25°C ambient temperature with selectable 700mA operation. Lumen Maintenance >97% at 50K hrs. 347V and 480V input options available. Standard 0-10V dimming. Driver provided with integral 4kV surge

LLRF SERIES

Large Rectangular LED Flood Luminaire



SERIES	HOUSING HEIGHT	DEPTH & WIDTH	WEIGHT
LLRF	5.80"	8.90" x 14.00"	18 lbs

protection that meets IEEE C62.42.2-2002. Optional 10kV Surge Suppressor available (see accessories). Built-in Active PFC Function. LED Power Supply conforms to UL1310 Class 2 and UL8750 standards and is IP67 rated for wet locations.

MOUNTING — Standard mounting options include an adjustable yoke mount. Tenon, tree base, and wall mount brackets are available separately. Additional mounting options may be available for custom applications.

LISTINGS — LED Power Supply listed for wet locations (IP67). LED bricks ETL listed for wet locations (IP64). 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:

LLRF1C8T5WC1BZ
LRFWB

SERIES	# OF BRICKS	COLOR TEMP	# LED'S PER BRICK	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH
LLRF	1 = 1 Brick	C = Cool White (5000K) N = Neutral White (4100K)	8 = 18 LEDs	T2 = Type II T3 = Type III T4 = Type IV T4A = Type IV Auto T5M = Type V Medium T5W = Type V Wide	C = 700 mA	1 = Multi-Volt ¹ 2 = 480V 3 = 347V	BZ = Bronze BK = Black GR = US Green WH = White SP = Special ²

ACCESSORIES

(Order as separate line items)

BSP3-277-LC³	10kV Surge Suppressor
IP66⁴	Additional IP66 Fixture Rating
LEDOPTIC-W	Spill Light Elimination
LEDOPTIC-B	Spill Light Elimination "Black Out"
LOKTAB	Tamper Resistant LED Brick Locking Tabs (12)
B04	Tree Mount Base
P4025D	2-3/8" OD Tenon Mount Adaptor
LRFWB	Wall Mount Bracket
S15	LRF Visor Shield
S16	LRF Bug Free Visor Shield
S17	LRF 4 Sided Shield
S18	LRF Long Down Visor Shield
S96	LRF Louvered Shield
S55	LRF Vandal Shield
S56	LRF Wire Guard
P1000PC	120V Button Type Photocell

NOTES

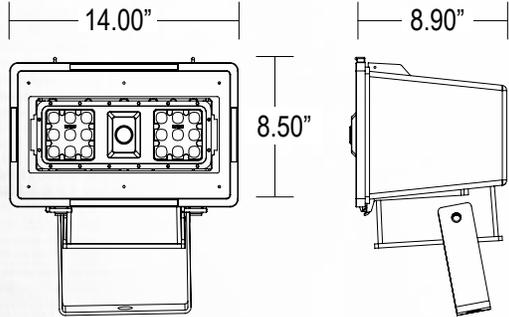
- ¹ = Multi-Volt is an auto ranging power supply from 100V to 300V input.
- ² = Custom RAL color matching is available. Contact your sales representative for additional info.
- ³ = Specify whether the surge suppressor is to be factory installed in the fixture or field installed on each circuit.
- ⁴ = Additional IP66 rating may not be changed once production has begun on the fixtures.



LLRF Large Rectangular LED Flood Luminaire

AVAILABLE FIXTURE DIMENSIONS

Dimensions shown are for fixture bodies only. Mounting options must be ordered separately.



MOUNTING ACCESSORIES

P4024D
2-3/8" OD Tenon Mount Adaptor



B04
Tree Base



LRFWB
Wall Mount Bracket

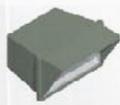


JWSPS
3' Sign Post Stake with Hardware
(B04 needed to mount fixture to Sign Post Stake)

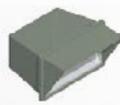


ADDITIONAL FIXTURE ACCESSORIES

S15
LRF Visor Shield



S16
LRF Bug Free Visor Shield



S17
LRF 4 Sided Shield



S96
LRF Louvered Shield



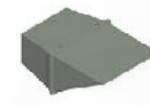
S55
LRF Vandal Shield



S56
LRF Wire Guard



S18
LRF Long Down Visor Shield



LUMINAIRE CHARACTERISTICS

Cool White (5000K) 700 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	CW	4056	3993	4041	3992	4014	4065	41	>495K	.35 A	.20 A	.18 A	.15 A	.12 A	.09 A
			B2 U0 G1	B2 U0 G1	B2 U0 G1	B1 U0 G1	B2 U0 G1	B3 U0 G1								

Neutral White (4100K) 700 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	CW	3969	3908	3954	3906	3928	3978	41	>495K	.35 A	.20 A	.18 A	.15 A	.12 A	.09 A
			B2 U0 G1	B2 U0 G1	B2 U0 G1	B1 U0 G1	B2 U0 G1	B3 U0 G1								

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



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All dimensions and specifications are subject to change without notice.

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