



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 fixture has 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 transmittivity materials to achieve precise photometric distributions.

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 or 1050mA operation. Lumen Maintenance >97% at 50K hrs. 347V and 480V input options available. Standard 0-10V dimming. Driver provided with integral 4kV surge protection that meets IEEE C62.42.2-2002. Optional 10kV Surge Suppressor available (see accessories).

LLRP SERIES

LED Power Flood Luminaire



SERIES	HOUSING HEIGHT	DEPTH & WIDTH
LLRP	5.75"	4.00" x 14.25"

ries). 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 1/2" adjustable knuckle fitter. Additional mounting options such as a 2" adjustable knuckle are available.

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:

LLRP1C8T5MD1BZ

LLRP	# OF BRICKS	COLOR TEMP	# LED'S PER BRICK	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH
	1 = 1 Brick	C = Cool White (5000K) N = Neutral White (4100K)	8 = 18 LED's	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	BZ = Bronze BK = Black GR = US Green WH = White SP = Special ²

ACCESSORIES (Order as separate line items)

- BSP3-277-LC**³ 10kV Surge Suppressor
- IP66**⁴ Additional IP66 Fixture Rating
- LEDOPTIC-W** Spill Light Elimination
- LEDOPTIC-B** Spill Light Elimination "Black Out"
- LOKTAB** Tamper Resistant LED Brick Locking Tabs (12)
- B01** Tree Base
- 2AF** 2" Adjustable Slip Fitter
- P4025D** 2-3/8" OD Tenon Mount Adaptor
- TLSBBJB** Brass Junction Box
- SMSB** 12" x 1" Mounting Stake (Brass)
- MMSB** 18" x 1" Mounting Stake (Brass)
- LMSB** 20" x 2.5" Mounting Stake (Brass)
- LMS** 20" x 2.5" Mounting Stake (SCH 40 PVC)
- LMSZ-BK** 20" x 2.5" Mounting Stake (Zinc Top Painted Black)
- P1000PC** Button Type Photocell
- S196** LLRP Bug Free Visor Shield
- S197** LLRP Down Shield
- S198** LLRP Bug Free Cube Shield
- PLLRPLENS**⁵ Glass Secondary Lens

NOTES

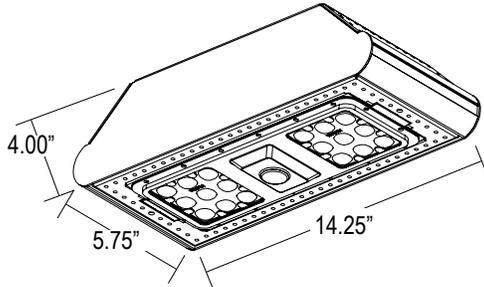
- ¹ = Multi-Volt is an auto ranging power supply from 100V to 300V input.
- ² = Custom RAL color matching is available. Contact your sales representative for additional info.
- ³ = QMSCM Quick Mount only available for fixtures with up to 4 bricks.
- ⁴ = Order one per LED brick. Field installed.
- ⁵ = Photocell Receptacle must be installed at the factory. No field installation.
- ⁶ = Additional IP66 rating may not be changed once production has begun on the fixtures.



LLRP Led Power Flood Luminaire

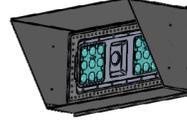
AVAILABLE FIXTURE DIMENSIONS

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

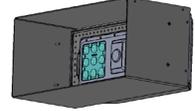


ADDITIONAL ACCESSORIES

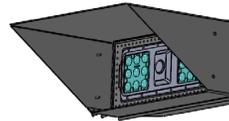
S196
LLRP Bug Free Visor Shield



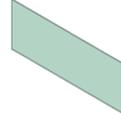
S198
LLRP Bug Free Cube Shield



S197
LLRP Down Shield



PLLRPSENS1
Glass Secondary Lens



FIXTURE & MOUNTING ACCESSORIES

B01
Tree Base



P4025D
2-3/8" OD Tenon Mount Adaptor



PC2
480V Twist-Lock
PhotoCell



TLSBBJB
Brass Junction Box



2AF
2" Adjustable Slip Fitter



SMSB, MMSB
12" x 1" Mounting Stake (Brass)
18" x 1" Mounting Stake (Brass)



LMSB, LMS, LMSZ-BK
20" x 2.5" Mounting Stake (Brass)
20" x 2.5" Mounting Stake (SCH 40 PVC)
20" x 2.5" Mounting Stake (Zinc Top Painted Black)



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 B2 U0 G1	3993 B2 U0 G1	4041 B2 U0 G1	3992 B1 U0 G1	4014 B2 U0 G1	4065 B3 U0 G1	41	>495K	.35 A	.20 A	.18 A	.15 A	.12 A	.09 A

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 B2 U0 G1	3908 B2 U0 G1	3954 B2 U0 G1	3906 B1 U0 G1	3928 B2 U0 G1	3978 B3 U0 G1	41	>495K	.35 A	.20 A	.18 A	.15 A	.12 A	.09 A

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.



TECHLIGHT
INNOVATION IN ILLUMINATION

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

www.techlight.com