



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for recessed mounting applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications such as retail canopies.

CONSTRUCTION — The heavy duty housing is constructed of extruded aluminum. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED bricks snaps in place 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 transmittance materials to achieve precise photometric distributions. Available in Type II, III, IV, IV Automotive, V Medium and V Wide beam configurations.

ELECTRICAL SYSTEM — Available in a 2 brick LED system in 5000K Cool White, 4000K Neutral White and 3000K Warm White color temperatures using Cree XPL2 LEDs. Available with 90-300V 50/60 Hz Class II power supply. 347/480V input option available. Standard 0-10V dimming. Built-in surge protection up to 10 kV. Built-in Active PFC Function >95%/Full load. LED Power Supply conforms to UL1310 Class 2

LRCF SERIES

Rectangular Recessed LED Canopy



SERIES	HOUSING HEIGHT	LENGTH & WIDTH
LRCF	4.42"	26.73" x 14.25"

and UL8750 standards and is IP67 rated for wet locations.

MOUNTING — The fixture is recess mounted using the trim ring provided for rough-in.

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.

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:

LRCF 2 C 8 T5W C 1 WH

LRCF							
SERIES	# OF BRICKS	COLOR TEMP	# LED'S PER BRICK	OPTICS	DRIVE CURRENT	VOLTAGE	FINISH
	1 = 1 Brick 2 = 2 Brick	C = Cool White (5000K) N = Neutral White (4000K) W = Warm White (3000K)	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 L = 525 mA	1 = Multi-Volt ¹ 2 = 347-480V	BZ = Bronze BK = Black GR = US Green WH = White SP = Special ²

OPTIONS (Order as separate line items)

IP66 Additional IP66 Fixture Rating

EM LED 90-min Emergency Light

NOTES

1 = Multi-Volt is an auto ranging power supply from 100V to 300V input.

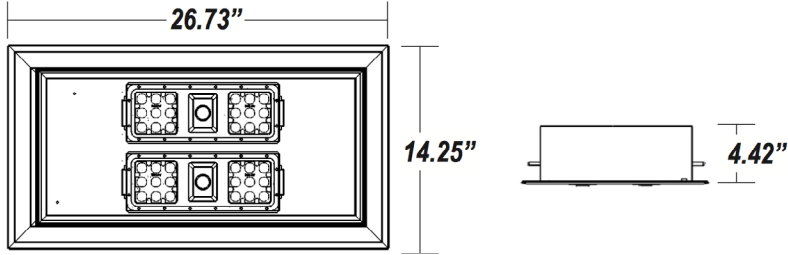
2 = Custom RAL color matching is available. Contact your sales representative for additional info.



LRCF Rectangular Recessed LED Canopy

AVAILABLE FIXTURE DIMENSIONS

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



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								
2 BRICK	18	CW	8111	7987	8081	7983	8027	8130	81	>495K	.68 A	.39 A	.34 A	.30 A	.24 A	.17 A
			B3 U0 G2	B3 U0 G2	B3 U0 G2	B2 U0 G1	B3 U0 G1	B3 U0 G2								

Neutral White (4000K) 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	NW	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								
2 BRICK	18	NW	7938	7816	7908	7813	7855	7956	81	>495K	.68 A	.39 A	.34 A	.30 A	.24 A	.17 A
			B3 U0 G2	B3 U0 G2	B3 U0 G2	B2 U0 G1	B3 U0 G1	B3 U0 G2								

BUG RATINGS (Backlight, Uplight And Glare)

Optic Type	BUG Ratings		
	B (Backlight)	U (Uplight)	G (Glare)
Type II (T2)	1	0	1
Type III (T3)	1	0	1
Type IV (T4)	1	0	1
Type V Medium (T5M)	2	0	1
Type V Wide (T5W)	3	0	1

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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