



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for surface mount 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 or parking garages.

CONSTRUCTION — The heavy duty housing is constructed of die 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 a Type V beam configuration.

ELECTRICAL SYSTEM — Available in 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. Fixture provided with integral 10kV surge protection that meets IEEE C62.42.2-2002. Built-in Active PFC Function. LED Power Supply conforms to UL1310 Class 2 and UL8750 standards and is IP67 rated for wet locations.

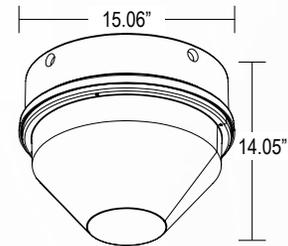
MOUNTING — The fixture can be surface mounted over a standard 4" box (provided by others) using the pre-set mounting holes and hardware provided with each fixture.

LCLR SERIES

Round LED Canopy



SERIES	HOUSING HEIGHT	WIDTH
LCLR	14.06"	15.06"



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:

**LCLR1C8T5C1BZ
DIM**

LCLR							
SERIES	# 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 LEDs	T5 = Type V	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

NOTES

- 1 = Multi-Volt is an auto ranging power supply from 90V to 300V input.
- 2 = Custom RAL color matching is available. Contact your Techlight sale representative for additional information.
- 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.

