



Certified LED Lights®

Product Data Sheet

Legacy 2 5K Area Light



Product Overview

This premium architectural LED area light is designed to illuminate parking areas, pathways, building facades, loading docks, and various other large-scale site applications. With multiple mounting options, it is a versatile solution for flood, pole, ground, and wall-mounted lighting. This series is offered in 5000K color temperature.

The die-cast aluminum body and integrated driver provide structural integrity and seamless light distribution superior to edge-lit panels. This product is also available with an integrated emergency backup driver.

This area light comes with a 5 year warranty and 50,000 hours from the date of delivery to the end-user, covering light output, color stability, and driver performance.

An independent laboratory tests our lights and LED components to ensure they meet the IESNA LM-79 and LM-80 standards. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Applications



Roadways



Perimeter



Parking lots



General area

Main Features

- * Standard in 5000K
- * UL listed.
- * DLC premium listed
- * IP65 "wet Location" rated
- * Universal 100-277 AC voltage (50-60 Hz)
- * 172-173 lumens per watt
- * 20,760 to 51,600 lumens
- * Philips Lumileds LED chips and premium SOSEN driver
- * Power factor > 0.90
- * 20KV surge protector
- * EPA: 1.85 Ft2
- * Total harmonic distortion <20%.
- * Color rendering Index >80.
- * Wireway enclosure is sealed with a water-tight, silicon rubber gasket
- * 0-10V dimmable
- * Optional occupancy sensor: ANT-5-4T sold separately
- * Integrated sensor receptacle
- * The light distribution is field adjustable
- * Die cast aluminum housing with 2 mil dark bronze powder coat finish and heat resistant polycarbonate lens

Product Warranty



Highlights and Certifications



DLC 5.1 Premium Listed



IP 65 rated



UL listed for wet location



Dimming: 0-10V

Key Specifications

- * Color temperature: 5000K
- * Motion PIR sensor is standard
- * IP 65 wet location rated
- * Operating temperatures from -40°F to 120°F
- * Storage temperature from -40° F to 158°F
- * Power factor > 0.90
- * CRI > 80
- * THD <20%
- * 20KV surge protector
- * Distribution pattern: Type III

Performance

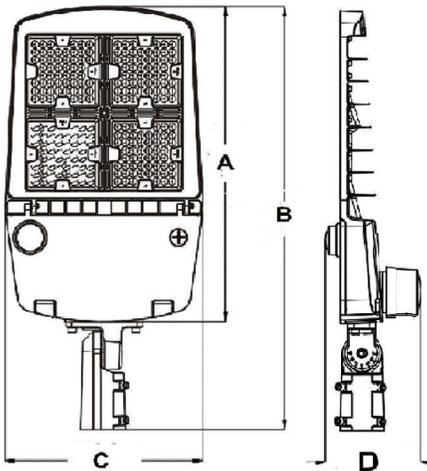
CLL-LGCY2-21LS-27-50K	120W
Color	5000K
Lumens	20,760
Lumens/Watt	173

CLL-LGCY2-41LS-27-50K	240W
Color	5000K
Lumens	41,280
Lumens/Watt	172

CLL-LGCY2-51LS-27-50K	300W
Color	5000K
Lumens	51,600
Lumens/Watt	172

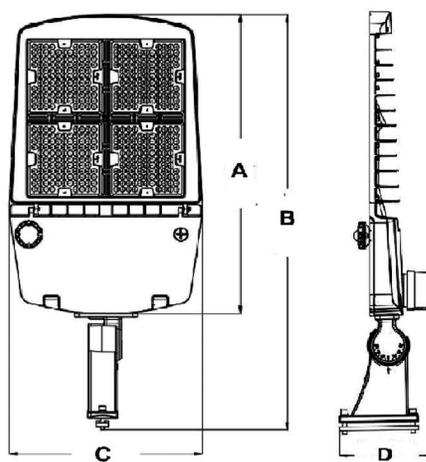
Dimensions

Trunnion and Slip-fitter mounting accessories are adjustable up to 90 Degrees in both directions



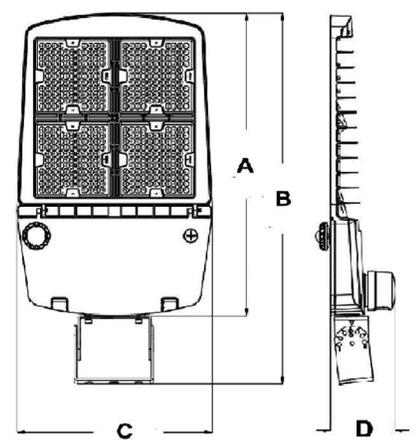
Slip Fitter Mount

A: 24.18" B: 31.97" C: 15.60" D: 5.15"



Direct Mount

A: 24.18" B: 33.57" C: 15.60" D: 7.51"



Trunnion Mount

A: 24.18" B: 29.61" C: 15.60" D: 5.15"

Ordering Accessories Guide

CATEGORY	PART #	DESCRIPTION	NOTE	PICTURE
Trunnion Mount	AL2-TR	Trunnion mount	Order the mount separately at the time of order	
Direct Mount	AL2-DMT	Direct mount bracket for area light	Order the mount separately at the time of order	
Slip-Fitter Mount	AL2-SF	Slip fitter mount for area light	Order the mount separately at the time of order	
Sensor	ANT-5-4T	Microwave motion sensor	Order separately	

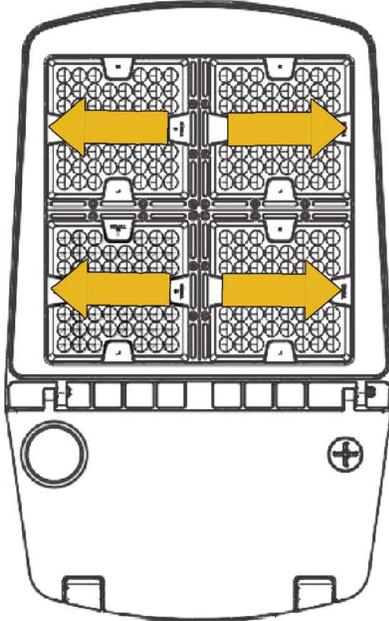
Ordering Guide

PART #	COLOR TEMP	LUMENS	LUMENS / WATT	WATTAGE	VOLTAGE
CLL-LGC2-21LS27-50K	5K	20,760	173	120	100-277V
CLL-LGC2-41LS27-50K	5K	41,280	172	240	100-277V
CLL-LGC2-51LS27-50K	5K	51,600	172	300	100-277V

Adjustable Light Distribution

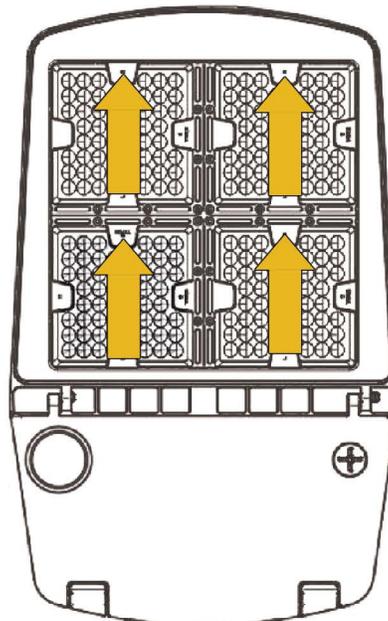
The Legacy 2 area light is fitted with 4 identical lenses. These 4 lenses can be turned in all directions depending on the desired light distribution. From the factory, the Legacy 2 is set as a NEMA III distribution. By turning the lenses, 80% of a TYPE II and TYPE V can be achieved and 70% of a IV.

TYPE II 80% achieved



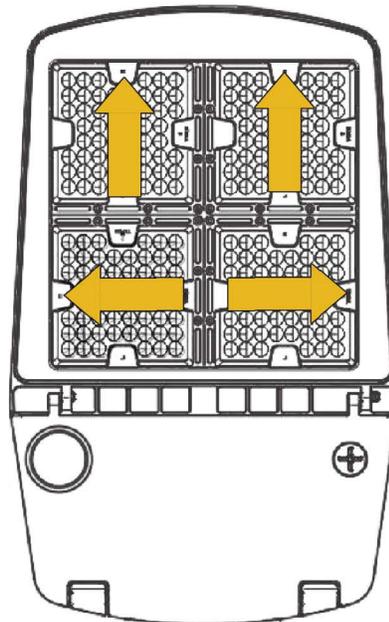
MODIFIED K2 DISTRIBUTION

TYPE III 100% achieved

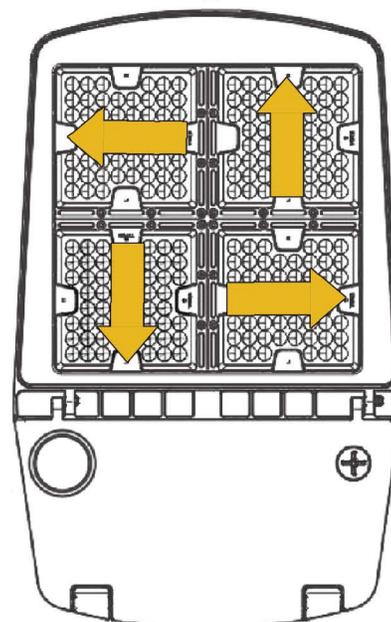


NEMA III DISTRIBUTION

TYPE IV 70% achieved



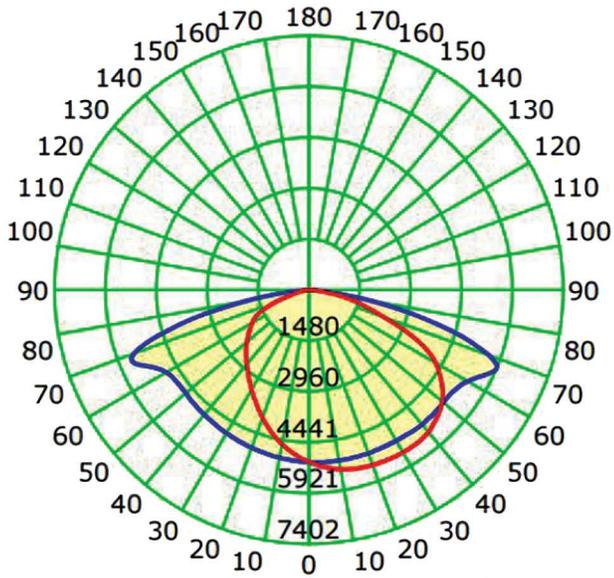
TYPE V 80% achieved



Photometric Data

Legacy 2 -21LS27-50K Type III

Luminous Intensity Distribution Curve



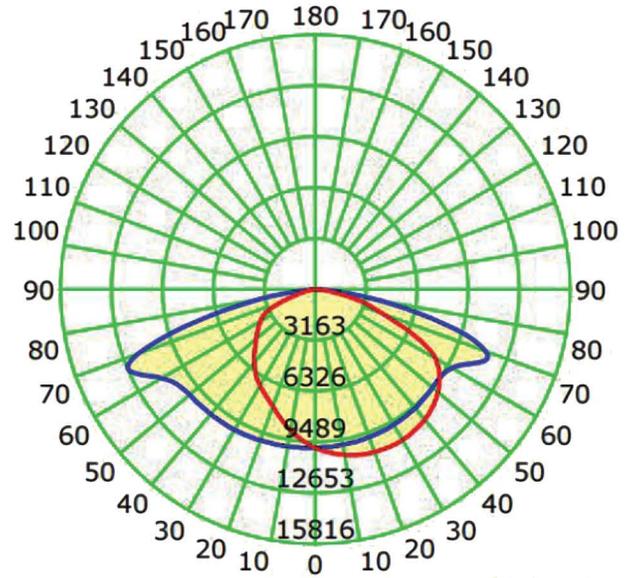
Unit: cd

Average Diffuse Angle(50%): 132.3°

— C0-C180 — C90-C270

Legacy 2 -41LS27-50K Type III

Luminous Intensity Distribution Curve



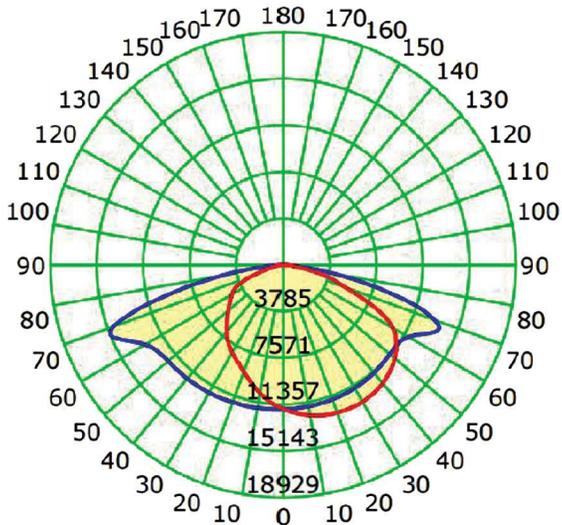
Unit: cd

Average Diffuse Angle(50%): 132.8°

— C0-C180 — C90-C270

Legacy 2 -51LS27-50K Type III

Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 133.4°

— C0-C180 — C90-C270