



Certified LED Lights®

Product Data Sheet

Legacy 2 CCT 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 3-way CCT selectable 3K, 4K, 5K and wattage selectable 100W, 120W, 150W and 200W, 240W, 300W.

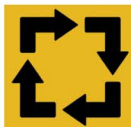
The die-cast aluminum body and integrated driver provides structural integrity and seamless light distribution superior to edge-lit panels. This product is also available with an integrated emergency backup driver.

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.

Applications



Roadways



Perimeter



Parking lots



General area

Main Features

- * 3-way selectable color temperature: 3K, 4K, 5K
- * UL listed.
- * DLC premium listed
- * IP65 "wet Location" rated
- * 25LS-27 and 52LS-27 are 100-277 AC voltage (50-60 Hz)
- * 25LS-48 and 52LS-48 are 200-480 AC voltage (50-60 Hz)
- * 152 to 171 lumens per watt
- * 15,200 to 51,900 lumens
- * Philips Lumileds LED chips and premium SOSEN driver
- * Power factor > 0.90
- * 20KV surge protector
- * EPA: 2.45 Ft2
- * Total harmonic distortion <20%.
- * Color rendering Index >80
- * Wireway enclosure is sealed with a water-tight, silicon rubber gasket
- * 0-10V dimmable
- * Optional sensors available
- * Integrated sensor receptacle
- * The light distribution is field adjustable

Product Warranty



Highlights and Certifications



DLC 5.1 Premium Listed



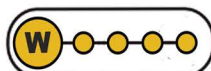
IP 65 rated



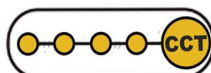
UL listed



Dimming: 0-10V



Field selectable wattage 3-way dip switch



Field selectable CCT 3-way dip switch:
3K, 4K 5K

Key Specifications

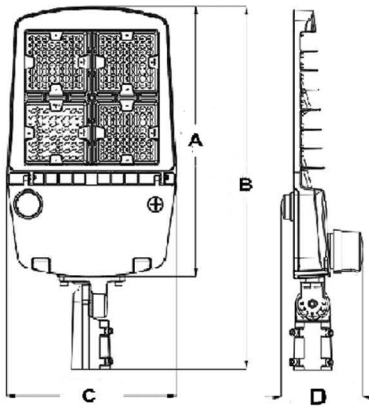
- * 3-way selectable color temperature: 3K, 4K, 5K
- * 3-way Wattage Selectable: 100W, 120W, 150W and 200W, 240W, 300W
- * 25LS-27 and 52LS-27 are 100-277 AC voltage (50-60 Hz)
- * 25LS-48 and 52LS-48 are 200-480 AC voltage (50-60 Hz)
- * IP 65 wet location rated
- * Operating temperatures from -40°F to 120°F
- * Power factor > 0.90
- * CRI > 80
- * THD <20%
- * 20KV surge protector
- * Distribution pattern: Type III standard but field adjustable II, III, IV or V

Performance

LG CY2-25LS-27-CCT & LG CY2-25LS-48-CCT	100W	100-277VAC & 277-480 VAC		120W	100-277VAC & 277-480 VAC		150W	100-277VAC & 277-480 VAC	
Color	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K
Lumens	15,200	17,100	15,900	18,240	20,520	19,080	22,800	25,650	23,850
Lumens/ Watt	152	171	159	152	171	159	152	171	159
LG CY2-52LS-27-CCT & LG CY2-52LS-48-CCT	200W	100-277VAC & 277-480 VAC		240W	100-277VAC & 277-480 VAC		300W	100-277VAC & 277-480 VAC	
Color	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K
Lumens	30,400	34,600	31,800	36,480	41,520	38,160	45,600	51,900	47,700
Lumens/ Watt	152	171	159	152	171	159	152	171	159

Dimensions

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



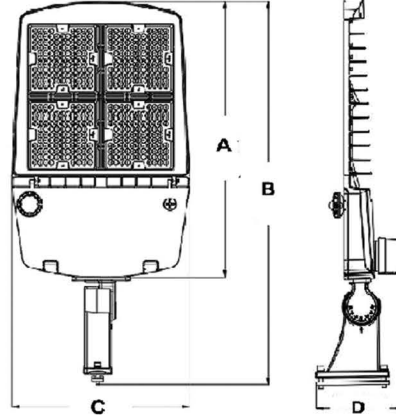
Slip Fitter Mount

Dimensions Slip fitter
25LS-27 / 25LS48

A: 19.77" B: 26.58"
C: 12.40" D: 6.01"

Dimensions Slip fitter
52LS-27 / 52LS-48

A: 24.18" B: 31.98"
C: 15.60" D: 6.38"



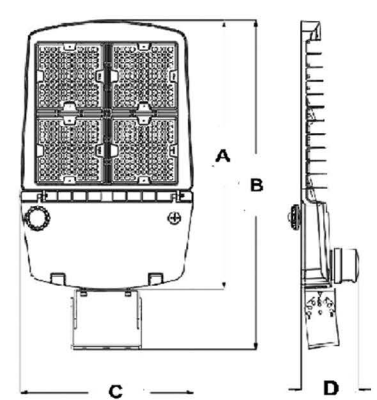
Direct Mount

Dimensions Direct Mount
25LS-27 / 25LS48

A: 19.81" B: 19.15"
C: 12.40" D: 7.81"

Dimensions Direct Mount
52LS-27 / 52LS-48

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



Trunnion Mount

Dimensions Trunnion Mount
25LS-27 / 25LS48

A: 19.81" B: 25.29"
C: 12.40" D: 6.01"

Dimensions Trunnion Mount
52LS-27 / 52LS48

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

Ordering Accessories Guide

CATEGORY	PART #	DESCRIPTION	NOTE	PICTURE
Trunnion Mount	LGCY2-TR	Trunnion mount	Included, order the mount at the time of order	
Direct Mount	LGCY2-DMT	Direct mount bracket for area light	Included, order the mount at the time of order	
Slip-Fitter Mount	LCGY2-SF	Slip fitter mount for area light	Included, order the mount at the time of order	
Sensor	ANT-5-4T	Microwave motion sensor	Order separately	
Sensor	ANT-5-4T-PC	On/Off Photocell	Order separately	

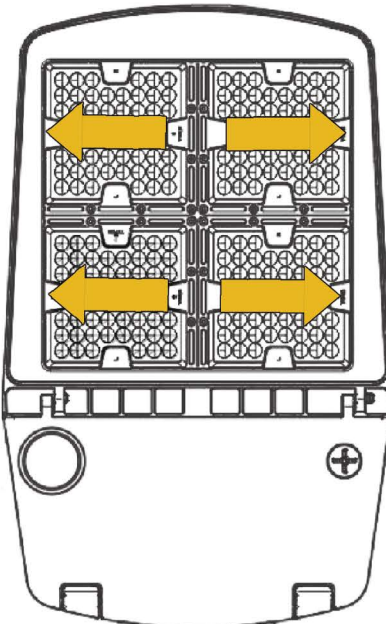
Ordering Guide

PART #	CCT Color Temp	Lumens	Lumen/ watt	Wattage	Voltage
LGCY2-25LS-27-CCT	3K, 4K, 5K	15,200 – 25,650	152 – 171	100, 120, 150W	100-277V
LGCY2-25LS-48-CCT	3K, 4K, 5K	15,200 – 25,650	152 – 171	100, 120, 150W	277-480V
LGCY2-52LS-27-CCT	3K, 4K, 5K	30,400 – 51,900	152 – 171	200, 240, 300W	100-277V
LGCY2-52LS-48-CCT	3K, 4K, 5K	30,400 – 51,900	152 – 171	200, 240, 300W	277-480V

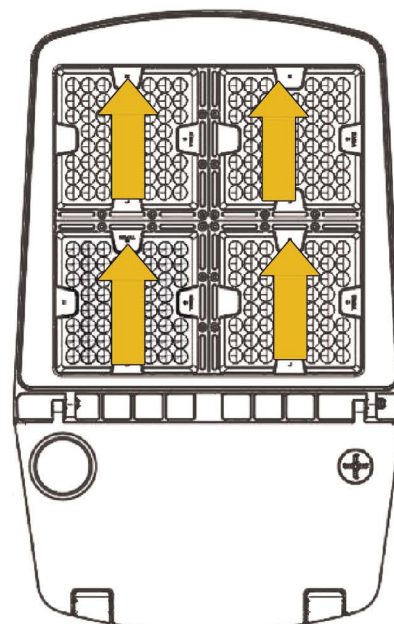
Adjustable Light Distribution

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

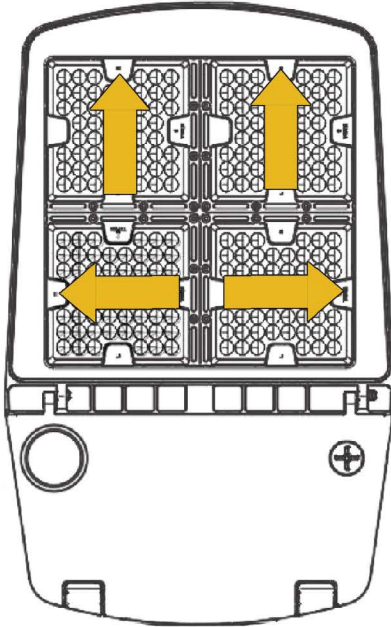


TYPE III 100% achieved

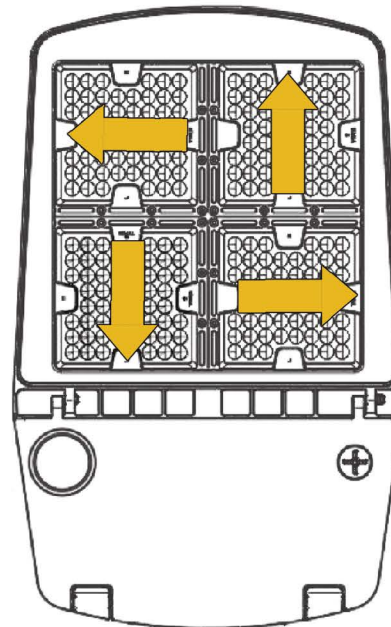


Adjustable Light Distribution

TYPE IV 70% achieved



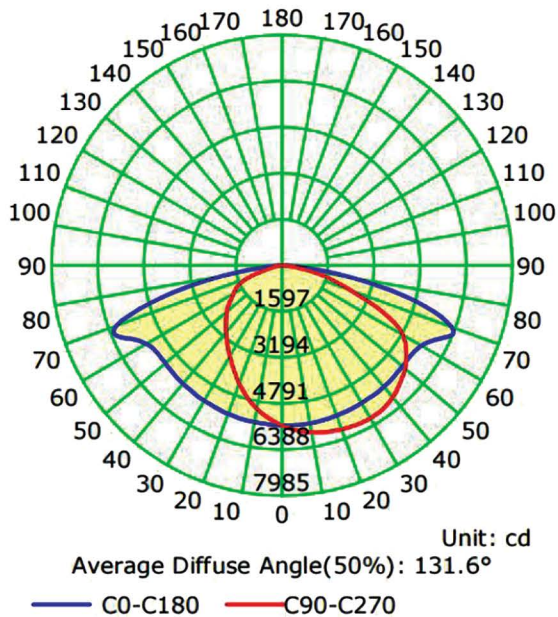
TYPE V 80% achieved



Photometric Data

Legacy 2 -25LS27-CCT Type III

Luminous Intensity Distribution Curve



Legacy 2 -52LS27-CCT Type III

Luminous Intensity Distribution Curve

