

LED Canopy Light-1

Outdoor Canopy Light



IP65



OVERVIEW	
Lumen Output Range	12487 - 18662
Wattage Range	100W - 150W
Efficacy Range (LPW)	122 -128
Weight lbs (kg)	13.2 (6) -15.2(6.9)

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing for maximum durability and reliability.
- IP65 rated luminaire protects integral components from harsh environments.
- Shipping weight: 13.2 lbs to 15.2 lbs in carton.

Optical System

- Premium engineered IP65 rated acrylic optic assemblies deliver 100degree distributions.
- Available in 5700k,5000k and 4000k color temperatures per
- Minimum CRI of 70.

Electrical

- High-performance driver features short circuit and over temperature protection with integral surge protection (6kV).
- 1-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.
- Total harmonic distortion: <10%
- Operating temperature: -40°C to +45°C (-40°F to +113°F).

- Power factor: >0.90
- Input power stays constant over life.
- Optional 10KV surge protection device meets a minimum.
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.

Installation

- Mounting method ships together and can be installed quickly.
- Wiring leads extended out of the main housing eliminating the need of opening the luminaire electrical chamber.

Warranty

- Luminaires carry a 5-year limited warranty. Complete warranty terms are located on our website.

Listings

- Listed to UL.
- Suitable for wet Locations.
- IP65 rated Luminaire per.
- DesignLights Consortium® (DLC) qualified product.

LED Canopy Light-1

[Back to Quick Links](#)

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **CL1 LED 150 57K UNV DIM BRZ**

Luminaire Prefix	Light Source	Power&Lumen		Color Temp
CL1 - Canopy Light 1	LED	100 - 12487-12845 lms 150 - 18224-18662 lms		57 - 5700K CCT 50 - 5000K CCT 40 - 4000K CCT

Voltage	Driver	Finish	Options	Controls (Choose One)
UNV - Universal Voltage (120-277V) 480 - High Power (277-480V)	DIM - 1-10V Dimming(10-100%)	BRZ-Bronze WHT-White Option - Custom Color	(Blank) - None SPD - 10kV Surge Protection Device	

PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*											
Wattage	Distribution	CRI	5700K			5000K			4000K		
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating
100w	100 degree	84	12845	1127.68	B3-U2-G2	12726	126.75	B3-U2-G2	12487	124.75	B3-U2-G2
150w	100 degree	84	18662	123.02	B4-U2-G2	18516	122.46	B4-U2-G2	18224	121.01	B4-U2-G2

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*				
Wattage	120V	208V	240V	277V
100w	0.83	0.48	0.42	0.36
150w	1.25	0.72	0.63	0.54

*Electrical data at 25C (77F). Actual wattage may differ by +/-0.3%.

RECOMMENDED LUMEN MAINTENANCE (12L-25L) ¹					
Ambient Temperature °C	C _{initial} ²	3K hrs. ²	5K hrs. ³	7K hrs. ³	10K hrs. ³
1C-85C	100%	99.48%	98.98%	98.6%	98.17%

1 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.

2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

3 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing times the IESNA LM-80-08 total test duration for the device under testing.



LED Canopy Light-1

[Back to Quick Links](#)

PHOTOMETRICS

Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

CL1 100W

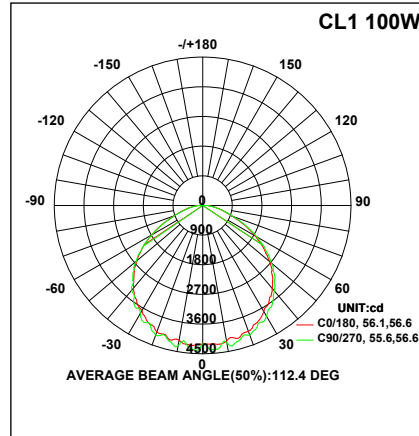
LUMINAIRE DATA

100degree Distribution	
Description	4000 Kelvin
CRI	84
Delivered Lumens	12,487
Watts	100
Efficacy	124.75
IES Type	100degree

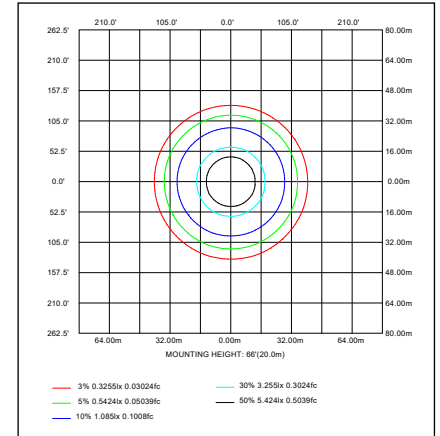
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3,430.50	27.50%
Medium (0-60)°	10,071.10	80.70%
High (60-90)°	2,366.00	19.00%
Very High (70-100)°	1,009.90	8.10%
Uplight (90-120)°	0	0%
Total Flux	12,485.60	100%

Luminous Intensity Distribution Curve



ISO FOOTCANDLE



CL1 150W

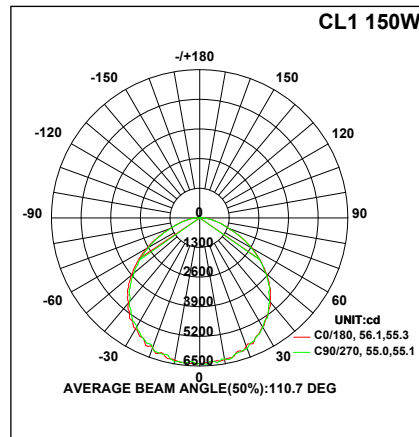
LUMINAIRE DATA

100degree Distribution	
Description	4000 Kelvin
CRI	84
Delivered Lumens	18,224
Watts	150
Efficacy	121.01
IES Type	100degree

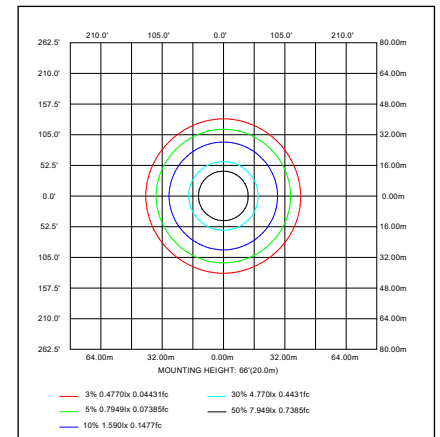
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	5,128.30	28.10%
Medium (0-60)°	14,734.70	80.90%
High (60-90)°	3,412.30	18.70%
Very High (70-100)°	1,466.30	8.00%
Uplight (90-120)°	0	0%
Total Flux	18,221.90	100%

Luminous Intensity Distribution Curve



ISO FOOTCANDLE

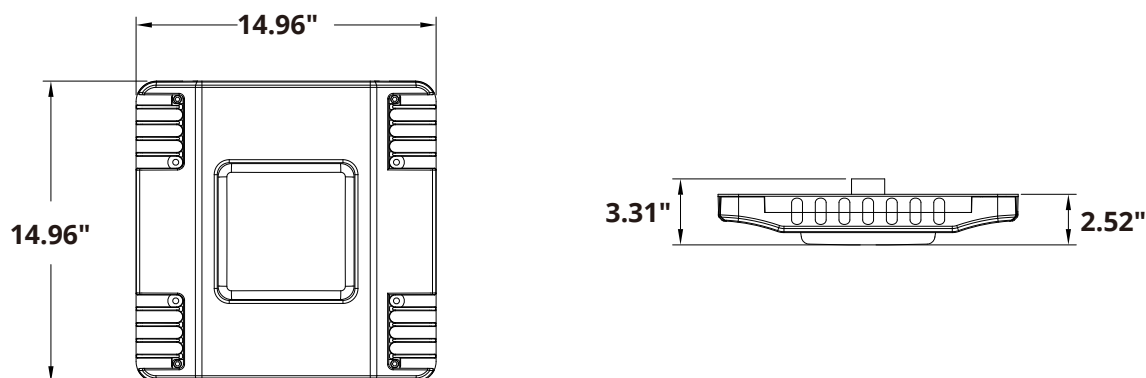


LED Canopy Light-1

[Back to Quick Links](#)

PRODUCT DIMENSIONS

100W, 150W



PACKAGE

[Back to Quick Links](#)

Power	Items	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
100w	Outer box	16.7x16.5x4.7 inch	1 PC	13.2 lbs	15.2 lbs
150w	Outer box	16.7x16.5x4.7 inch	1 PC	13.5 lbs	15.4 lbs

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.