

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)

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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.

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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

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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.



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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

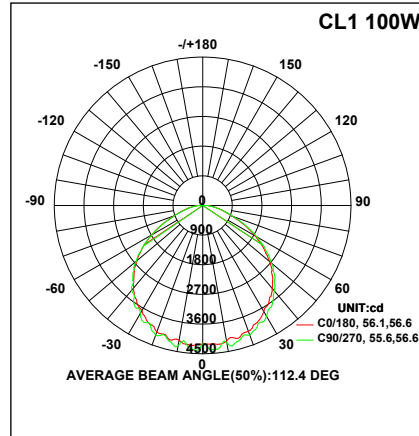
LUMINAIRE DATA

100degree Distribution	
Description	4000 Kelvin, 84 CRI
Delivered Lumens	12,487
Watts	100
Efficacy	124.75
IES Type	100degree
BUG Rating	B3-U2-G2

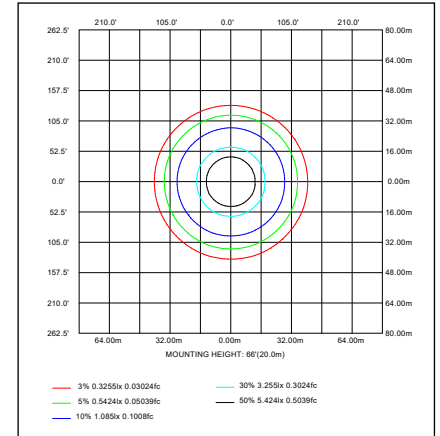
Zonal Lumen Summary

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

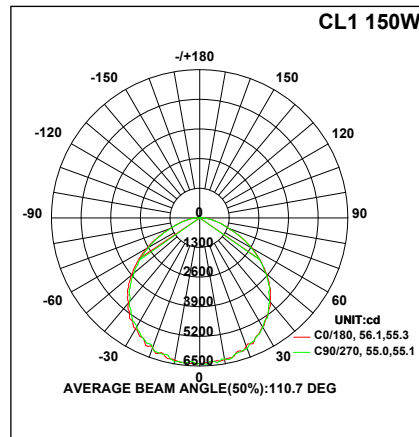
LUMINAIRE DATA

100degree Distribution	
Description	4000 Kelvin, 84 CRI
Delivered Lumens	18,224
Watts	150
Efficacy	121.01
IES Type	100degree
BUG Rating	B4-U2-G2

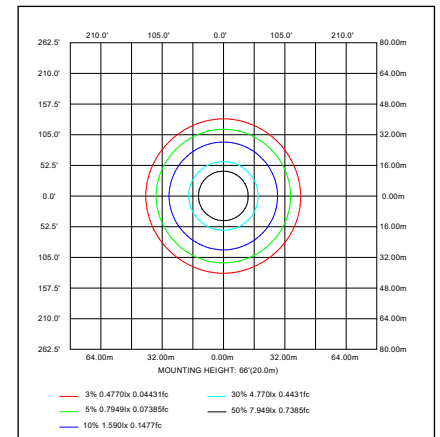
Zonal Lumen Summary

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

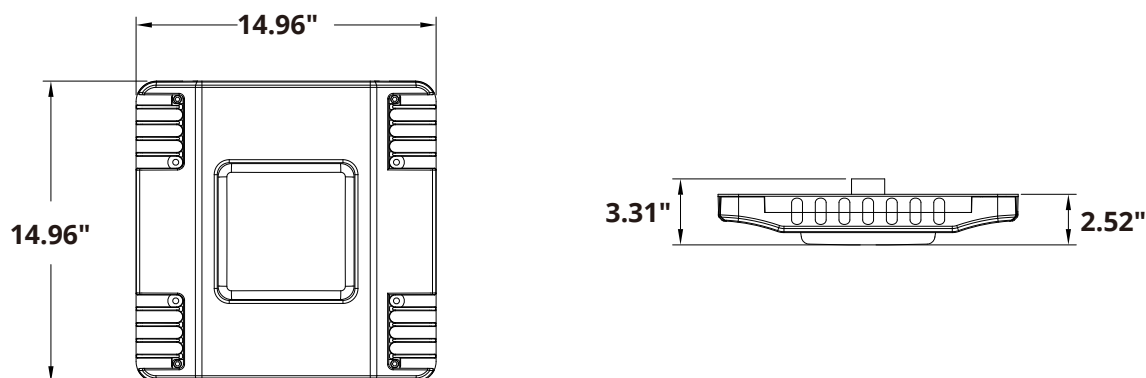


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PRODUCT DIMENSIONS

100W, 150W



PACKAGE

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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%.