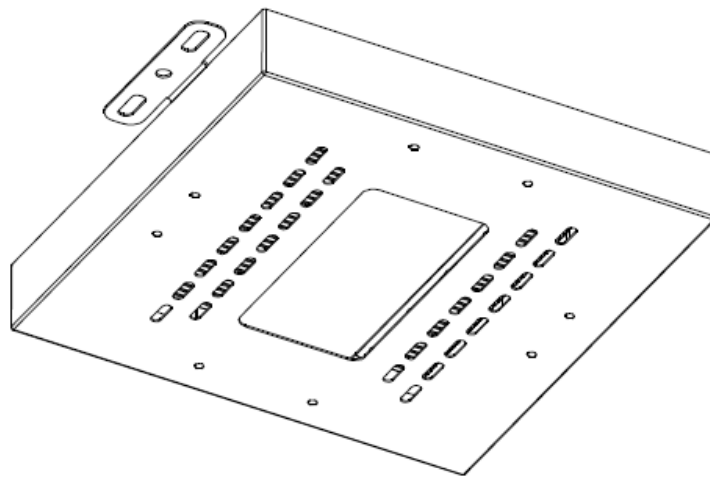


# LED CANOPY LIGHT SERIES



**100W LED CANOPY LIGHT**  
**(Model No.: CA-100)**

**Product Data Sheet**

# 1 . Introduction

## Materials

Patented fin aluminium heatsink structure; High quality aluminium processing technique; Special surface treatment process; High brightness LED light source, high efficiency and long life power supply.

## Applications

Suitable for outdoor canopy, gas station, retail stores, and other commercial lighting applications.

## Features

- \* TWO types of installation: Ceiling Recessed, and Surface Mounting
- \* Unique patented thermal management design to ensure low LED junction temperature.
- \* Extremely light weight for safety use and installation.
- \* Easy installation and maintenance, longer lifetime with high lumen maintenance.
- \* Energy savings, no UV and IR radiations, emits low heat.

## Structure

\* Unique fin aluminium heatsink greatly reduce product weight and guarantee the safety usage, as well as to avoid the material wastage comparing with conventional die-cast or extrusion heatsinks.

\* By increasing the number of fins to enlarge the area of heat dissipation and air flow, this new heatsink significantly increase the efficiency of thermal conduction with less material usage and more saving on energy.

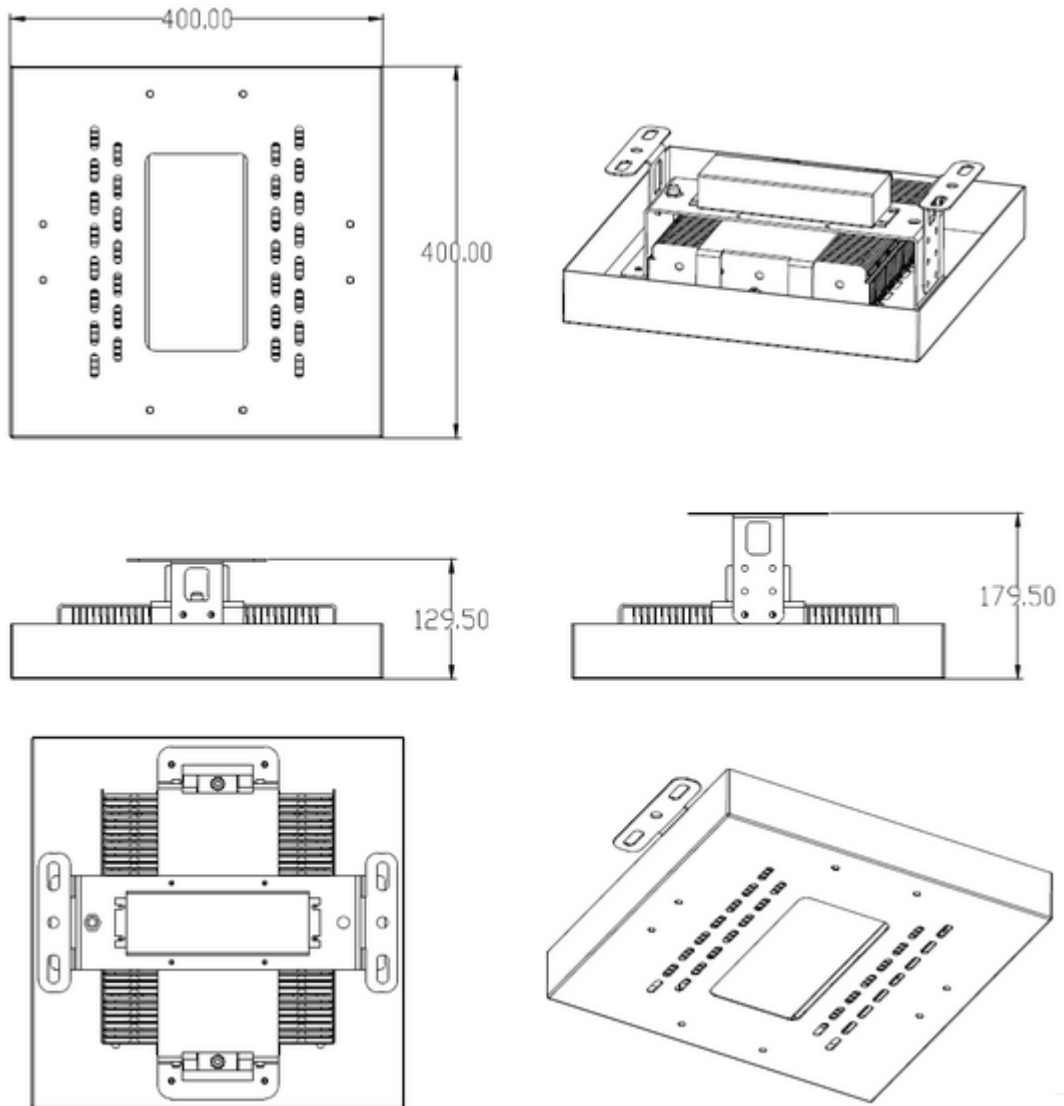
## a . Specification

### 1、 100W LED Canopy Light Main Parameters:

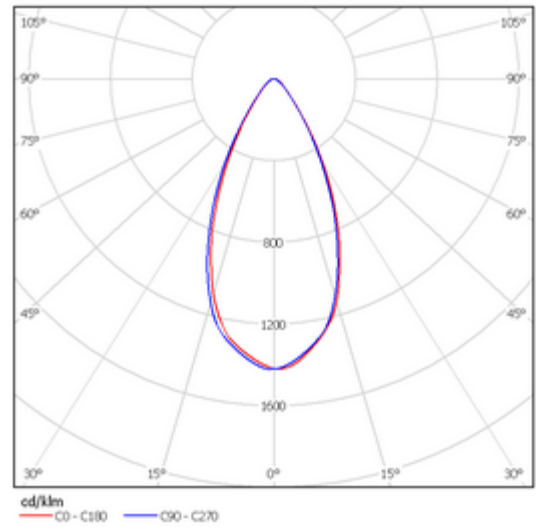
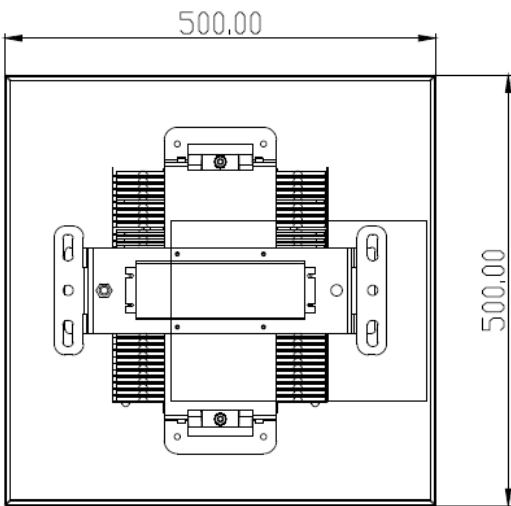
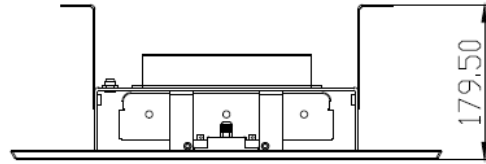
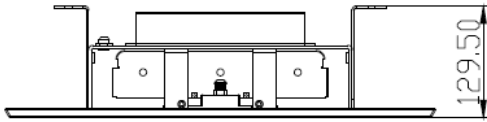
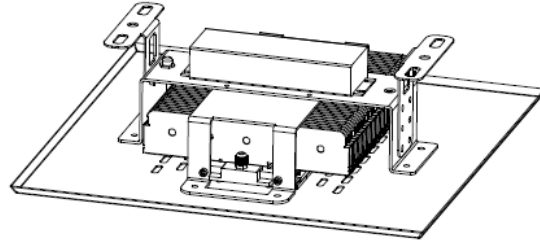
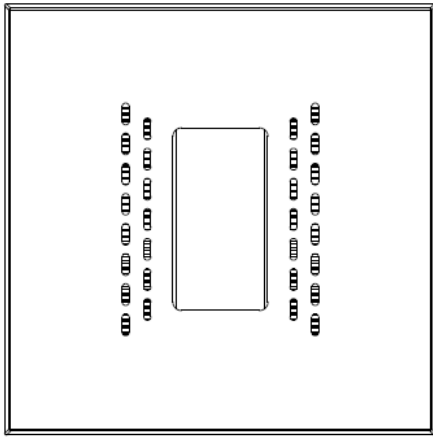
Input Voltage	90-277 VAC, 50/60 Hz	
LED Light Source	Philips Lumileds (LUXEON Rebel ) or LG	
LED Qty	50 pcs	
LED Power	100W	
Total System Power	110W	
LED Luminous Efficiency	120-130 lm /W	
LED Initial Luminous Flux	10,000 Lm	
Color Temperature	4000K-7000K	
Color Rendering Index	Typ. 70	
Light Distribution	symmetric /circle spread	
Beam Angle	60 degree	
Illuminance Design	LED+Lens	
LED Junction Temperature	≤70℃ (@ Ta=25℃)	
Working Temperature	-40℃ ~ 45℃	
Storage Temperature	-40℃ ~ +65℃ (Best 25℃)	
IP Rating	IP65	
Net weight	6.5 Kg	
Life-span	>50000H	
Power Cord	0.75mm <sup>2</sup> triple shield wire	
Connecting Wire	Brown	L live
	Blue	N Neutral
	Yellow/Green	G Earth
Certificate	CE ; RoHS ; UL (Power supply only)	
Light Fixture Color	Black, Grey, White	

Remark: The light parameters may different between different color temperature, tolerances ≤ 7%.

## 2、 Product Dimension & Photometric Distribution:



Surface Mounting Type



Ceiling Recessed Type

Photometric Distribution