# A -SERIES

ZGSM

SAVE TODAY'S ENERGY FOR TOMORROW

UKAS QUALITY MANAGEMENT ISO9001 ISO14001

CE RoHS Compliant LM-80 IP65 IK10 LUMILEDS The Brighter Choice

7 YEAR WARRANTY

# *LED CANOPY LIGHTS*

## Overview

The ZGSM® A-Series LED canopy lights are using PHILIPS LUMILEDS® luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

The ZGSM A-Series LED canopy lights have a high luminous efficiency and better service life. Provide 7 years warranty on luminaire.

## Color Options

- White

## LED LUMINOUS SOURCE

Philips Lumileds 3030 2D
Greater than 150lm/W high efficacy, illumination grade LED light source.

## LED DRIVER

High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.

## Design Features

Professional lens design, suitable for various applications.

Exquisite module design with powerful thermal dissipation and IP67 waterproof performance.

Overall stainless steel screws adopted.

Reasonable heat sink design, not only keep ventilation but also avoid laceration.

Convenient & fast installation.

The exquisite and innovated frame holder not only makes the installation more simple but also firmer.

DETAILED FEATURES

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## Electrical & Photometric

★ 3030 Version

| Number of Modules | Model | LED Working Current | Power | Luminaire Efficacy (+/- 5%) | Lumen Output (+/- 5%) | Input Voltage | LED Brand | Driver Brand | Beam Angle | CCT (K) | Lifetime (h) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ZGSM-QD40A4 | 75mA | 40W | 140 lm /w | 5600 lm | 100-240V /277V AC 50 /60Hz | Philips Lumileds 3030 2D | MeanWell | 110° | 3000* 4000 5000 5700 | >100,000 (L70) |
| | ZGSM-QD50A5 | 93mA | 50W | 135 lm /w | 6750 lm | | | | | | |
| | ZGSM-QD60A6 | 115mA | 60W | 130 lm /w | 7800 lm | | | | | | |
| 2 | ZGSM-QD80A4 | 80mA | 80W | 140 lm /w | 11200 lm | | | | | | |
| | ZGSM-QD100A5 | 97mA | 100W | 135 lm /w | 13500 lm | | | | | | |
| | ZGSM-QD120A6 | 115mA | 120W | 130 lm /w | 15600 lm | | | | | | |
| 3 | ZGSM-QD120A4 | 80mA | 120W | 140 lm /w | 16800 lm | | | | | | |
| | ZGSM-QD150A5 | 97mA | 150W | 135 lm /w | 20250 lm | | | | | | |
| | ZGSM-QD180A6 | 115mA | 180W | 130 lm /w | 23400 lm | | | | | | |
| 4 | ZGSM-QD160A4 | 80mA | 160W | 140 lm /w | 22400 lm | | | | | | |
| | ZGSM-QD200A5 | 97mA | 200W | 135 lm /w | 27000 lm | | | | | | |

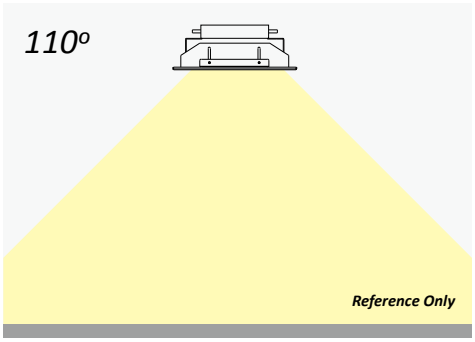
*Luminous Efficacy of 3000K is 5% lower than other CCTs.

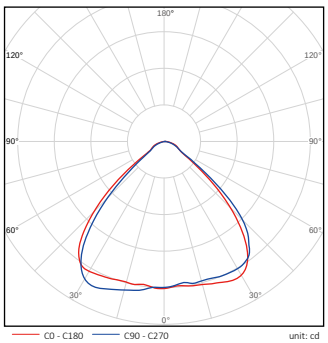
## Working Environment & Packing

| Number of Modules | Working Environment | Storage Temperature | Rating | CRI | Power Factor | Power Efficiency | Material | Hole Size (mm) | Product Dimensions (mm) | Carton Size (mm) | N.W (kg) | G.W (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -40 ºC ~ +50 ºC 10% ~ 90%RH | -40 ºC ~ +50 ºC | Class I IP65 IK10 | >70 | >0.95 | >90% | Housing: Steel Alloy; Heat sink: Stretched Aluminium Alloy; Lens: PC | 103*315 | 180*365*130 | 415*200*195 | 3.2 | 4.0 |
| 2 | | | | | | | | 186*315 | 264*365*130 | 415*285*195 | 4.7 | 6.7 |
| 3 | | | | | | | | 265*315 | 330*365*130 | 415*365*195 | 6.7 | 8.7 |
| 4 | | | | | | | | 350*350 | 430*400*130 | 455*455*195 | 8.4 | 10.4 |

Note: Above data of weight are all typical values.

## Optic




Applications:
Gas Station | Shelf Aisle | High Hall |
High Workshop | Warehouse

Lens code: 110º

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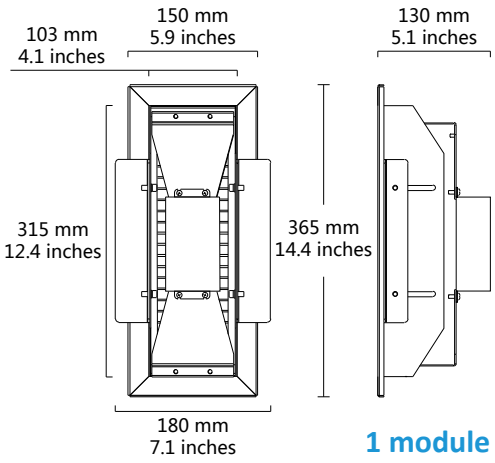
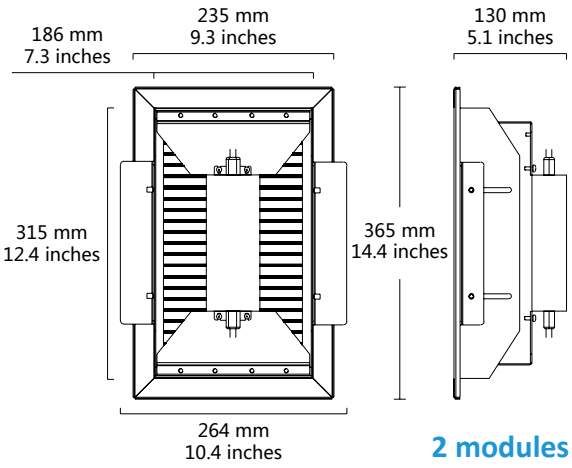
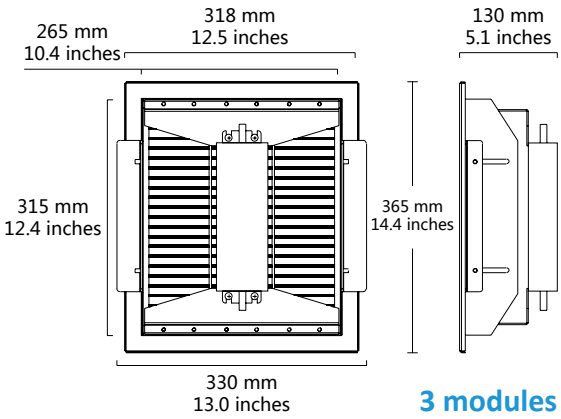
## Dimension



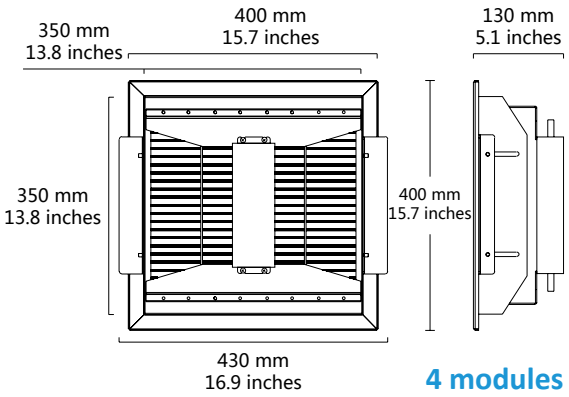

**1 module**




**2 modules**



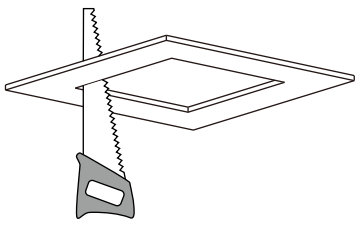

**3 modules**



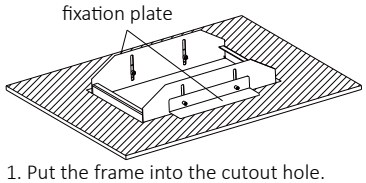

**4 modules**

- Customized frame service depends on needs.

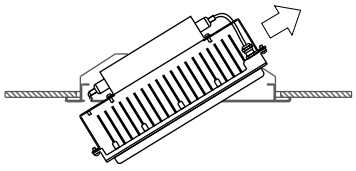
## Installation



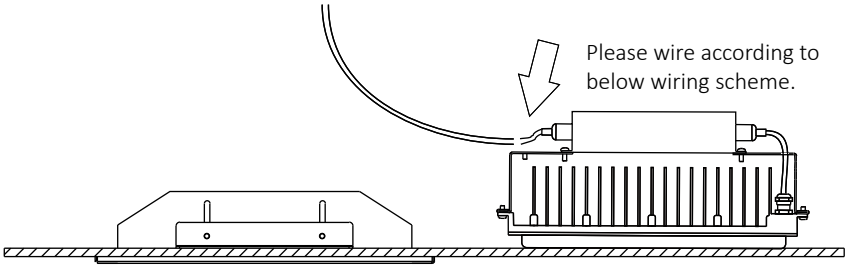
Use the recommended cutout dimension.

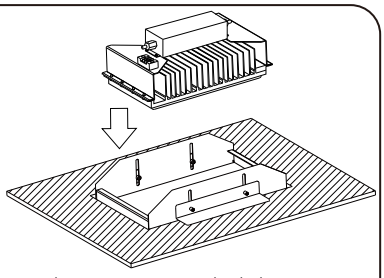



1. Put the frame into the cutout hole.
2. Adjust the two sides of the fixation plate to proper position.
3. Tighten the screw between the frame and the fixation plate.



Place the light engine into the hole.



Finish connection, set the light engine into the position

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O SURTIDOR
Adiesel

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