

## Product datasheet

### DK-70-XX-LENS-Yi Series



## Contents

|                                    |      |
|------------------------------------|------|
| Product datasheet .....            | 1    |
| Contents .....                     | 2    |
| Part number explanation .....      | 3    |
| General information .....          | 4    |
| Photometric data (Simulated) ..... | 5-6  |
| Dimension .....                    | 8-11 |
| Packing information .....          | 12   |



## Part number explanation

### DK - 102- GSZ - H31- YI

D1 D2 D3 D4 D5

D1: Company code (DARKOO)

D2: Diameter

D3: Product type: Antidazzle Cover

D4: Height

D5: Series (YI Serie)

### DK - 70 - XX- LENS -YI

D1 D2 D3 D4 D5

D1: Company code (DARKOO)

D2: Diameter

D3: Angle (15°、24°、36°、60°)

D4: Product type: LENS

D5: Series (WING Series)

### DK - 70 - ZJ - YI - Zhaga

D1 D2 D3 D4 D5

D1: Company code (DARKOO)

D2: Diameter

D3: Product type: LENS HOLDER

D4: Series (WING Series)

D5: Zhaga Standard

### DK - 50 - XX - ZJ - Zhaga

D1 D2 D3 D4 D5

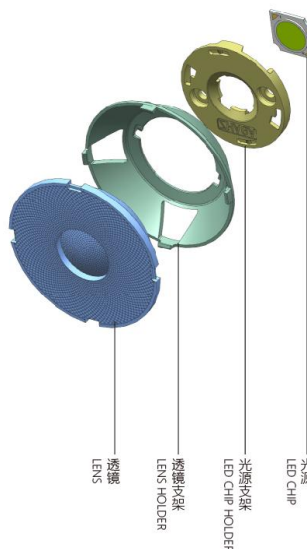
D1: Company code (DARKOO)

D2: Diameter

D3: COB (1313、1515、1818、1919、2020)

D4: Product type: COB HOLDER

D5: Zhaga Standard



## General information

### ❖ Features

- 4 different angles
- Zhaga Standard
- High compatibility of installation
- Compatible with multi color temperature
- High Extensibility

### ❖ Applications

- spotlight

### ❖ Material information

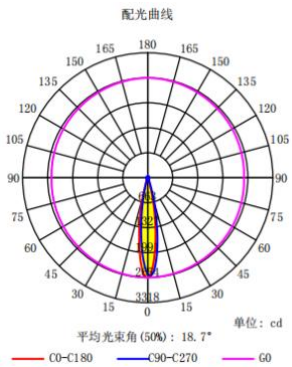
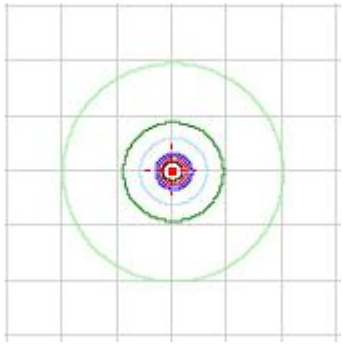
- Antidazzle Cover: PC Lens : PMMA LENS Holder: PC COB Holder: PC
- The working temperature is: PMMA -40°C~+90° C、PC-35°C~+120° C
- Storage environment temperature is 0° C~40° C, humidity is 30%~95%

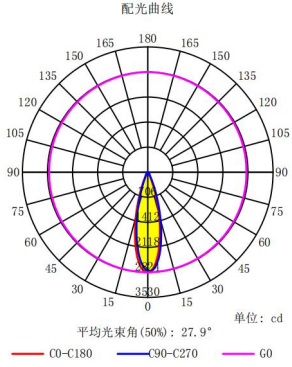
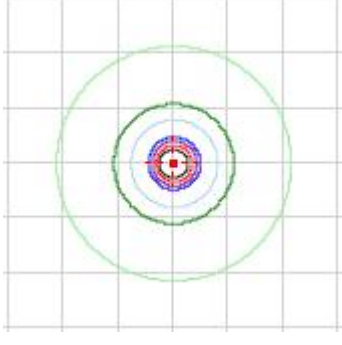
### ❖ Application Notes

- Please use a litter water and soft fabric (air-laid paper) to clean the lens if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Optic Lens has the function to change the ray of light, it is made of optical material, the effect shall be influenced once pollute. Please do not open the packing before use it, to avoid the dust pollution.
- Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.
- Please ware gloves once install the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.



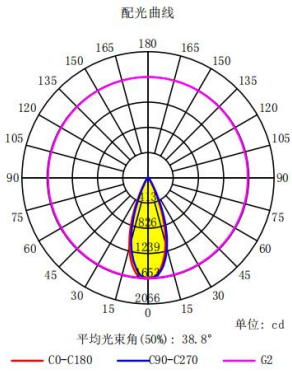
## Photometric data (Simulated)

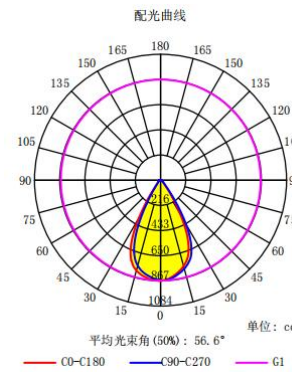
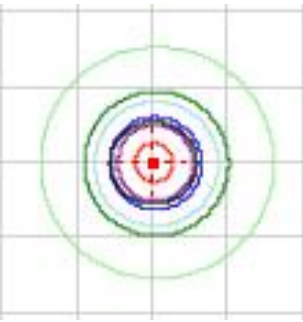
| Picture                                                                           | Item No                                                                           | Angle | Matched COB                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
|                                                                                   | DK-70-15-LENS-Yi                                                                  | 18.7° | CITIZEN: CLL022                                                                     |
|  |  |       |  |
|                                                                                   | Photometric data (Simulated)                                                      |       |                                                                                     |

| Picture                                                                             | Item No                                                                             | Angle | Matched COB                                                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
|                                                                                     | DK-70-24-LENS-Yi                                                                    | 27.9° | CREE:1816                                                                             |
|  |  |       |  |
|                                                                                     | Photometric data (Simulated)                                                        |       |                                                                                       |



## Photometric data (Simulated)

| Picture                                                                           | Item No                                                                           | Angle | Matched COB                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
|                                                                                   | DK-70-36-LENS-Yi                                                                  | 39°   | CREE:1816                                                                           |
|  |  |       |  |
|                                                                                   | Photometric data (Simulated)                                                      |       |                                                                                     |

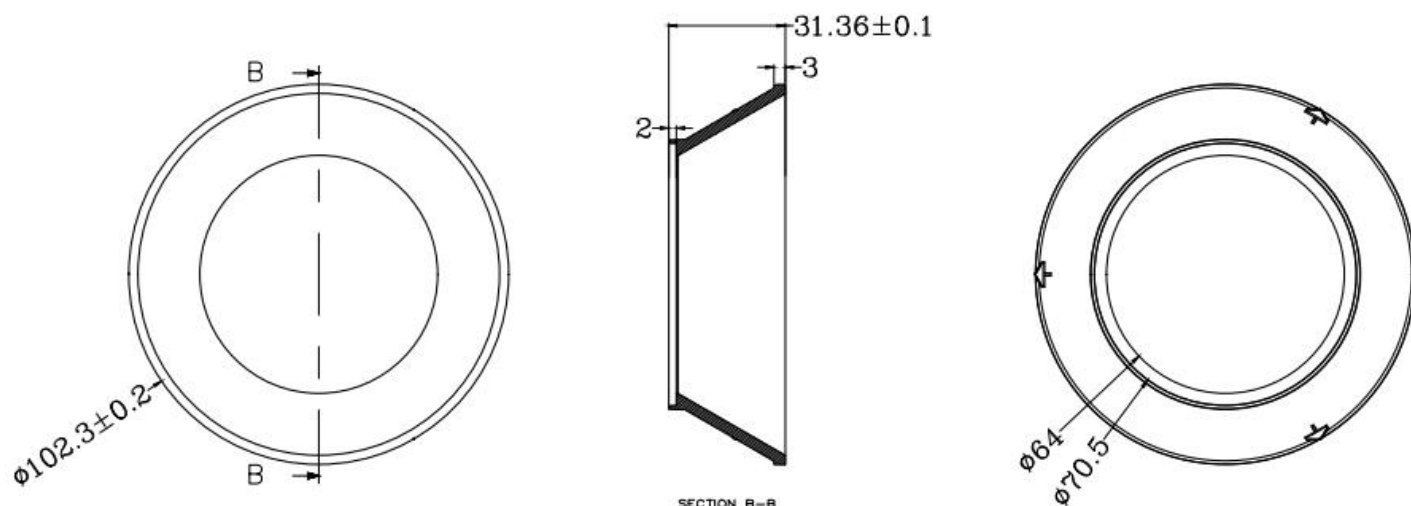
| Picture                                                                             | Item No                                                                             | Angle | Matched COB                                                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
|                                                                                     | DK-70-60-LENS-Yi                                                                    | 57°   | CREE:1816                                                                             |
|  |  |       |  |
|                                                                                     | Photometric data (Simulated)                                                        |       |                                                                                       |



## Dimension

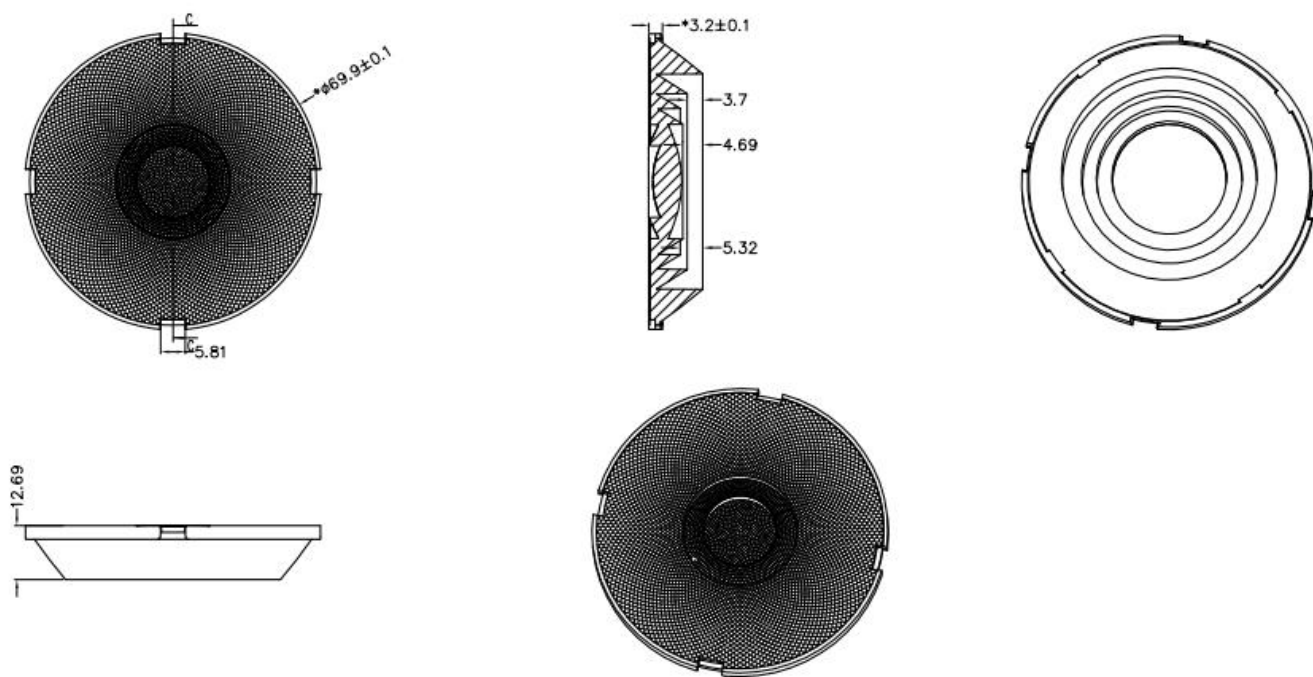
1、Installation method: Screw

2、Antidazzle Cover dimension

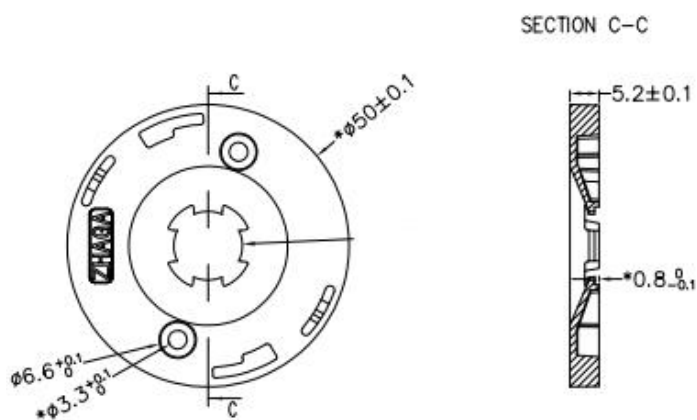




### 3、Lens dimension

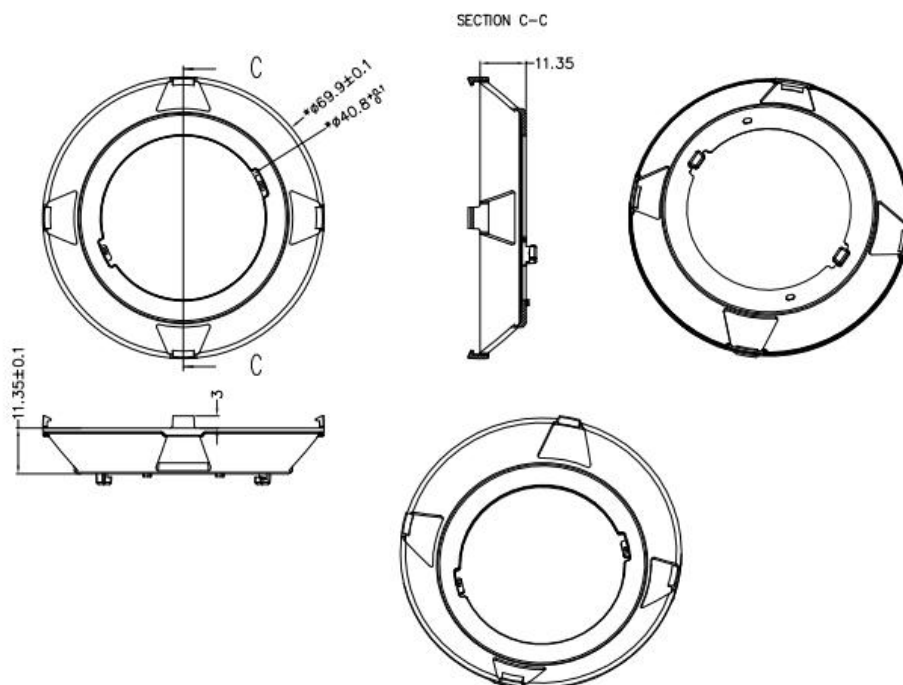


### 4、Lens dimension

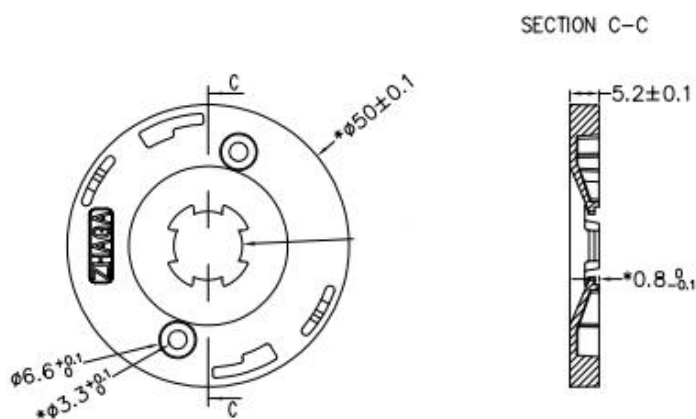




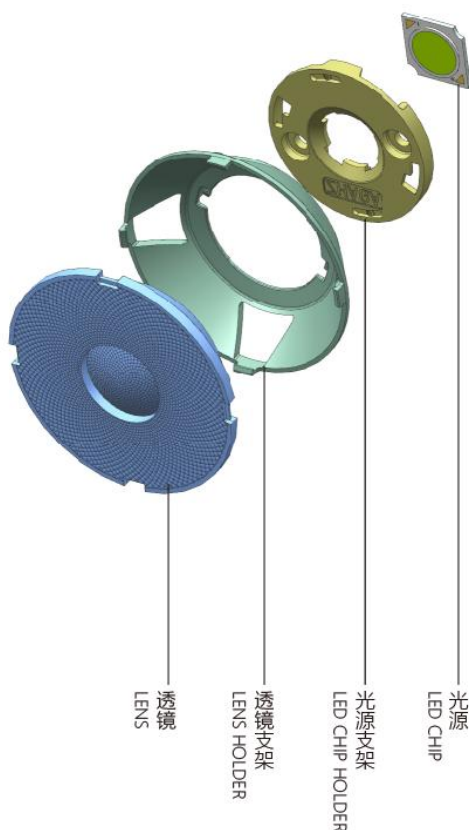
## 5、LENS Holder dimension



## 6、COB Holder dimension



## 7、 Installation guide



## Packing information

| Item No           | Material    | Size          | Quantity |
|-------------------|-------------|---------------|----------|
| DK-102-GSZ-H31-Yi | Box         | 320*245*115MM | XXPCS    |
|                   | Carton      | 510*330*255MM | XXPCS    |
| DK-70-XX-LENS-Yi  | Box         | 320*245*115MM | 96PCS    |
|                   | Carton      | 510*330*255MM | 384PCS   |
| DK-70-ZJ-Yi-Zhaga | Plastic bag | 300*350MM     | 100PCS   |
|                   | Carton      | 510*330*255MM | 1000PCS  |
| DK-50-XX-ZJ-Zhaga | Plastic bag | 300*350MM     | 300PCS   |
|                   | Carton      | 510*330*255MM | 1800PCS  |

