

# Product Specification

Product Class: LED LENS

Item No: DK5050-16H1-60

Material: PC

Certification: RoHS

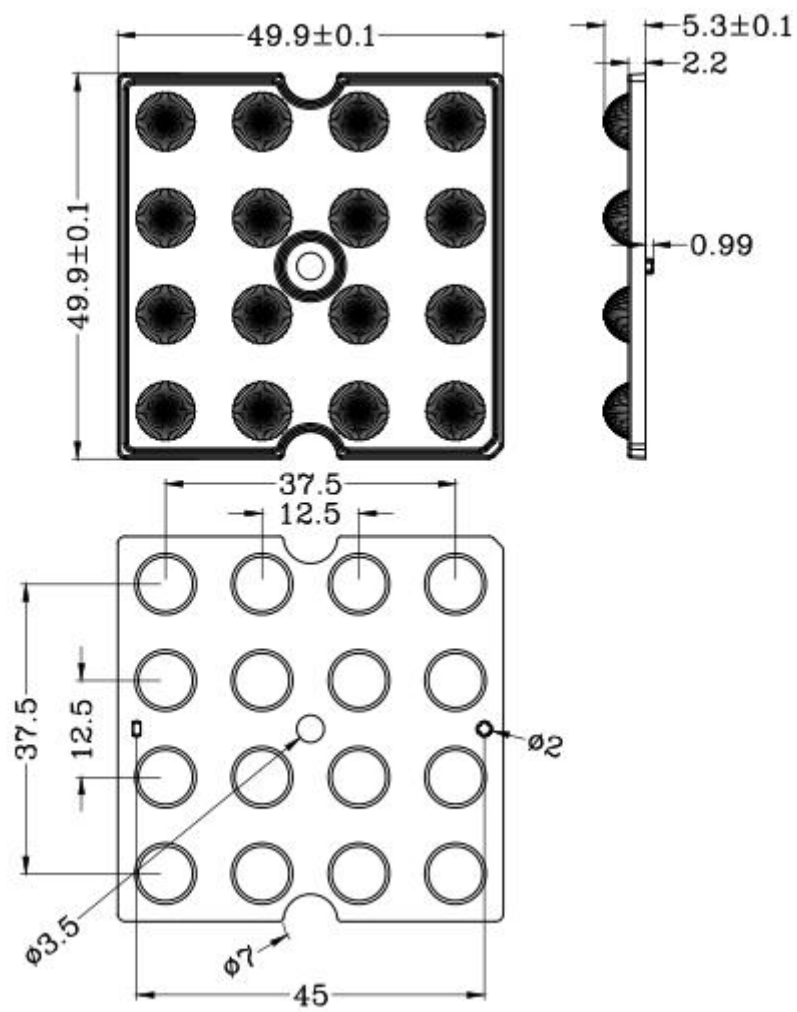
# Content

|                        |   |
|------------------------|---|
| Specification-----     | 3 |
| 2D Drawing-----        | 4 |
| Optical Datasheet----- | 5 |
| Packing-----           | 6 |
| Application Notes----- | 7 |

## Specification

| Item No        | Picture                                                                            | Size                                             | Matched<br>LED | Lighting<br><br>Application |
|----------------|------------------------------------------------------------------------------------|--------------------------------------------------|----------------|-----------------------------|
| DK5050-16H1-60 |  | diamete: 49.9*49.9mm<br>height:5.3mm<br>FWHM:60° | 3030           | Streetlight                 |

# Drawing



# Optical Test Report

## 产品特征

|             |             |
|-------------|-------------|
| 灯具制造厂商:     |             |
| 电压: 48.0 V  | 电流: 0.219 A |
| 功率: 10.52 W | 功率因数: 1.000 |

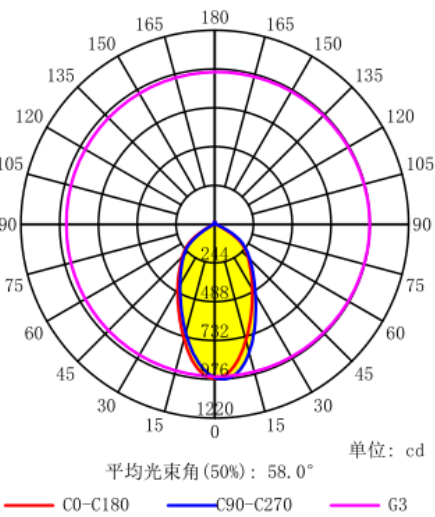
## 光度结果

|                      |                      |
|----------------------|----------------------|
| 灯具CIE分类: 直接型         | 额定光通量: 1329.0 lm     |
| 灯具光通量: 1329 lm       | 灯具效率: 100%           |
| 下射光通量比: 97%          | 上射光通量比: 3%           |
| 水平扩散角 (50%): H58.1   |                      |
| 垂直扩散角 (50%): V58.3   |                      |
| 灯具光效等级 (LER): 126.38 | 中心光强: 970.95 cd      |
| 峰值光强: 976.77 cd      | 峰值光强位置: H90 V3       |
| S/MH(C0/C180): 0.81  | S/MH(C90/C270): 0.83 |

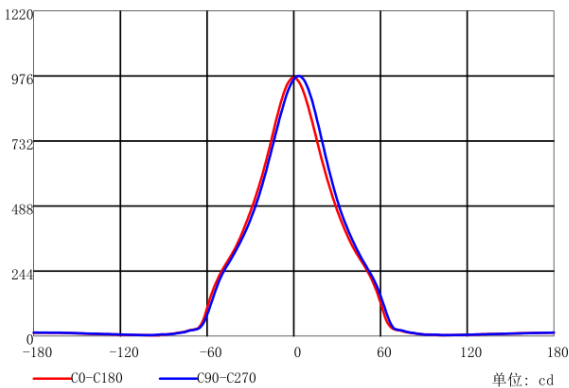
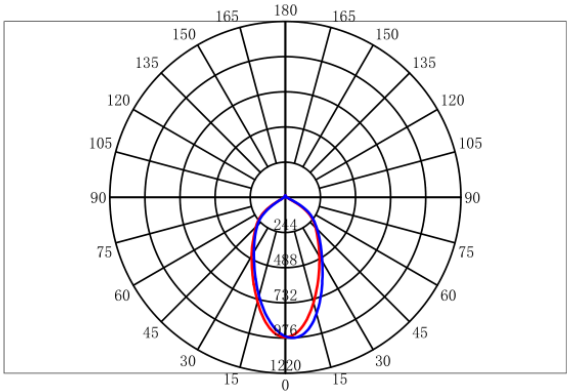
灯具实物照片



配光曲线



配光曲线



## Packing

| Material         | Size               | Packing Instruction            |
|------------------|--------------------|--------------------------------|
| EPE              | 315*240mm          | 280PCS/1 Box<br>4 Box/1 Carton |
| blister box      | 4W                 |                                |
| White Paperboard | A 级（400g）310*230mm |                                |
| Box              | 320*245*115mm      |                                |
| Carton           | A=B 505*330*255mm  |                                |

# Application Notes

(1) Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.

(2) Forbid to use industrial solvent to clean the lens, such as alcohol.

(3) The working temperature is  $-40^{\circ}\text{C}\sim+80^{\circ}\text{C}$ .

(4) Storage environment temperature is  $0^{\circ}\text{C}\sim40^{\circ}\text{C}$ , humidity is 30%~95%。

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.

(5) Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.

(6) Please wear gloves once install the lens, avoid to abrasion the lens surface.

(7) Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.