

Product Specification

Product Class: LED Lens

Item No: **DK-5050-90x90-4H1**

Material: PMMA

Certification: RoHS

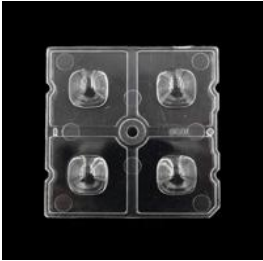
Sut Up:Xuan Yang

Check:Xiaohui Liang

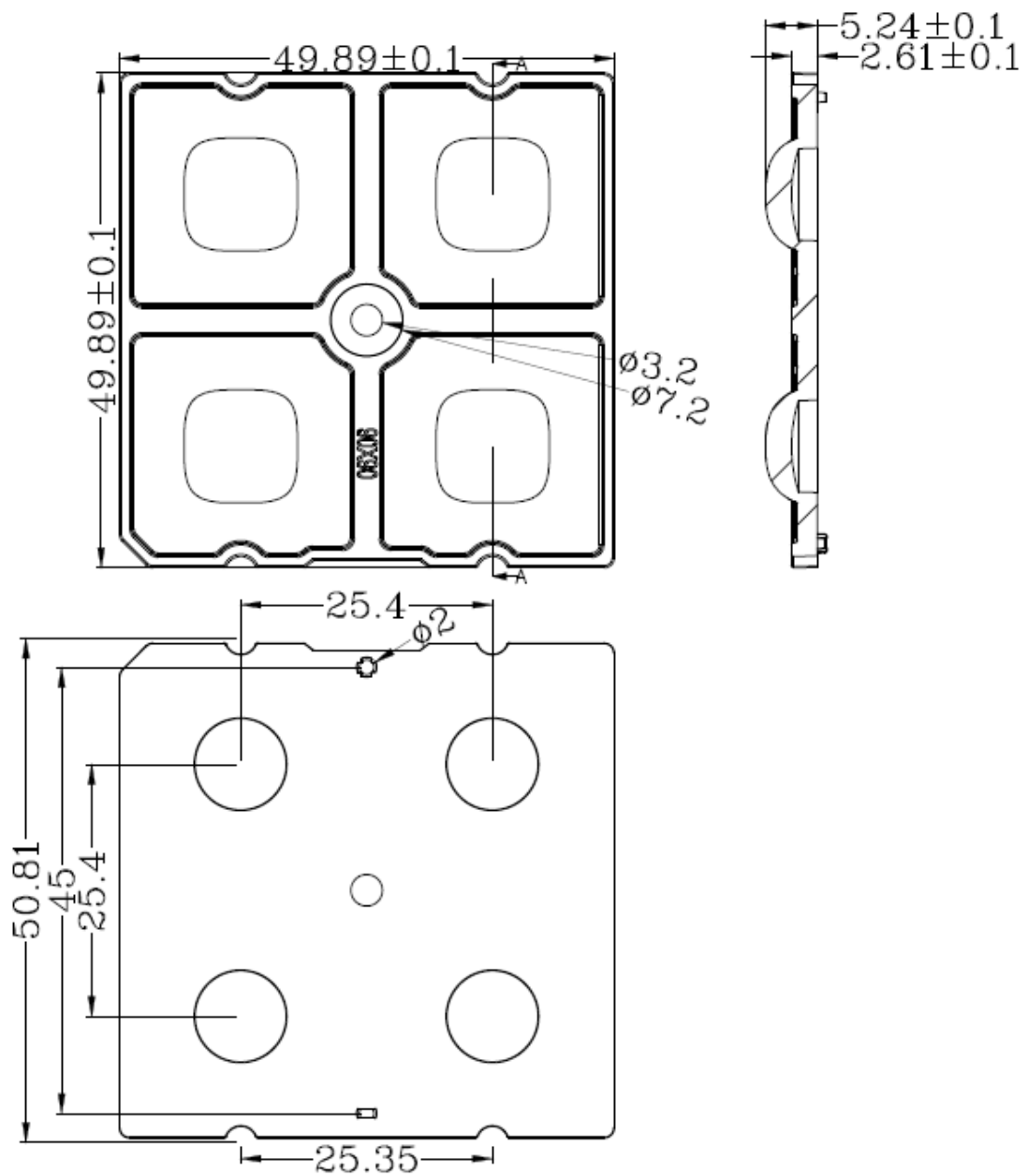
Content

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

Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-5050-90x90-4H1		diamete: 50*50mm height:5.24mm FWHM:90*90°	3535	LED High Bay Light

Drawing



Optical Test Report

产品特征

灯具种类:
电压: 0.0 V
功率: 0.00 W

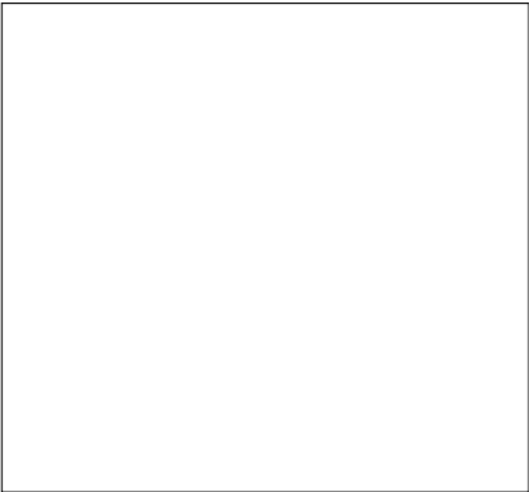
电流: 0.000 A
功率因数: 0.000

光度结果

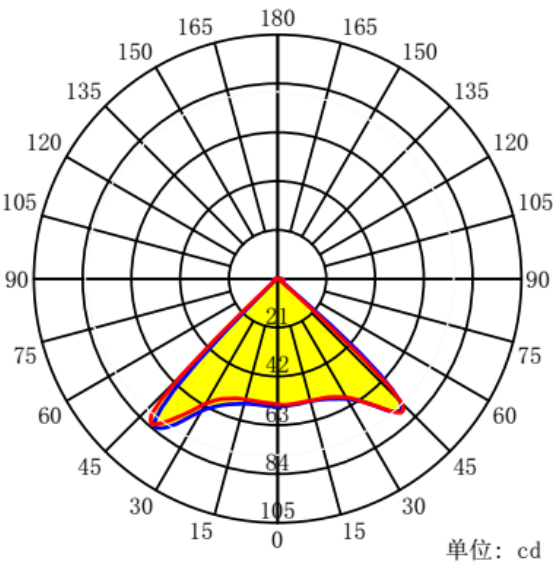
灯具CIE分类: 直接型
灯具光通量: 137.3 lm
下射光通量比: 100%
水平扩散角(25%, 50%, 75%, 100%): H95. 3, H92. 9, H90. 4, H83
垂直扩散角(25%, 50%, 75%, 100%): V95. 4, V93. 2, V91. 2, V84
灯具光效等级(LER): 137
峰值光强: 82.89 cd

额定光通量: 137.3 lm
灯具效率: 100%
上射光通量比: 0%
中心光强: 55.05 cd
峰值光强位置: H270 V41

灯具实物照片



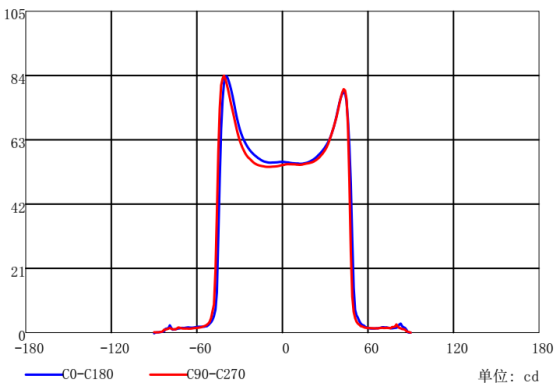
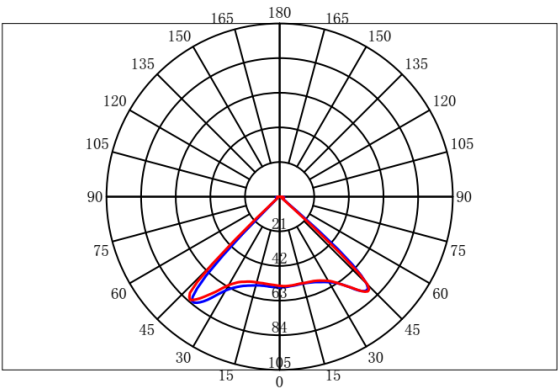
配光曲线



平均光束角(50%): 93.1°

— C0-C180 — C90-C270 — G41

配光曲线



Packing

Material	Size	Packing Instruction
EPE	315*240mm	280PCS/1 Box 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 $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$, 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.