

Product Specification

Product Class: LED Lens

Item No: **DK-5050-12H1-15**

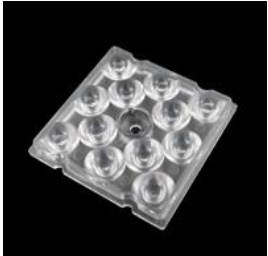
Material: PC

Certification: RoHS

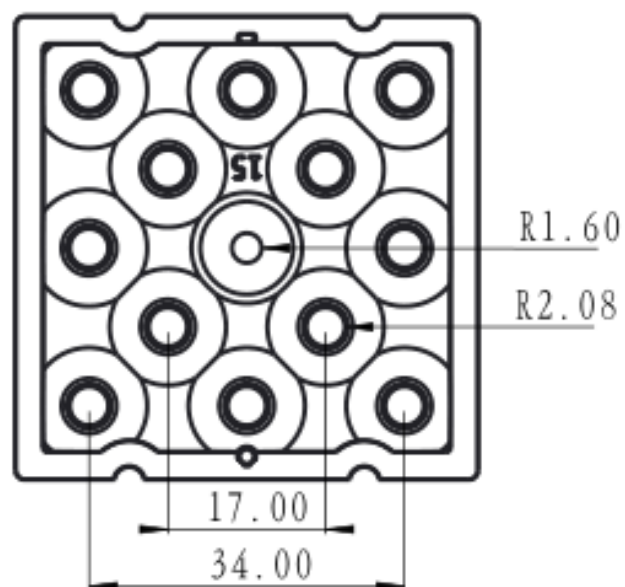
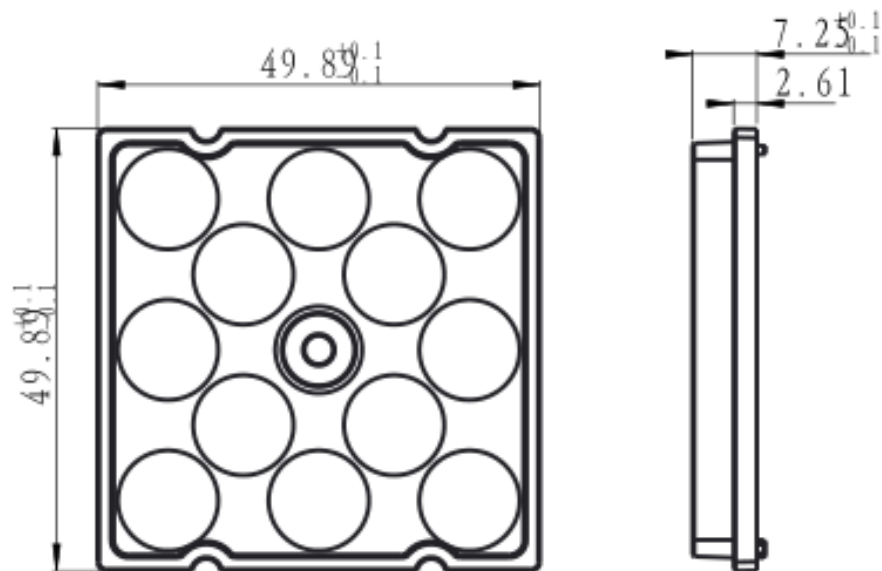
Content

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

Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-5050-12H1-15		diamete: 49.89*49.89mm height:7.25mm FWHM:15°	3030	streetlight

Drawing



Optical Test Report

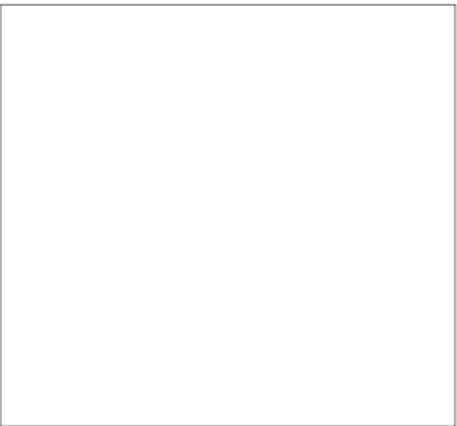
产品特点

灯具制造厂商:	
电压: 36.0 V	电流: 0.234 A
功率: 8.43 W	功率因数: 1.000

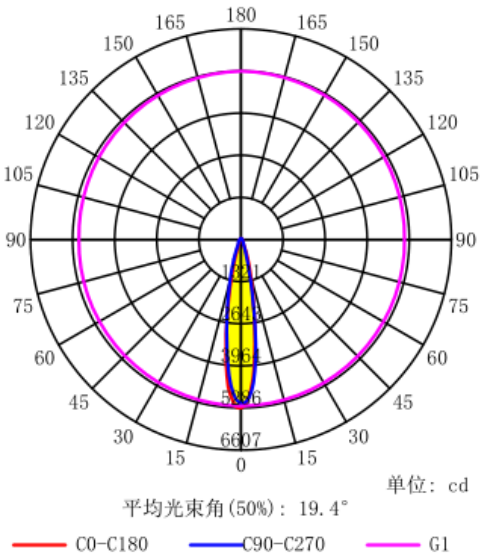
光度结果

灯具CIE分类: 半直接型	额定光通量: 1373.0 lm
灯具光通量: 1373 lm	灯具效率: 100%
下射光通量比: 87%	上射光通量比: 13%
水平扩散角(50%): H19.1	
垂直扩散角(50%): V19.7	
灯具光效等级(LER): 162.92	
峰值光强: 5286.26 cd	中心光强: 5283.37 cd
S/MH(C0/C180): 0.33	峰值光强位置: H180 V1
	S/MH(C90/C270): 0.34

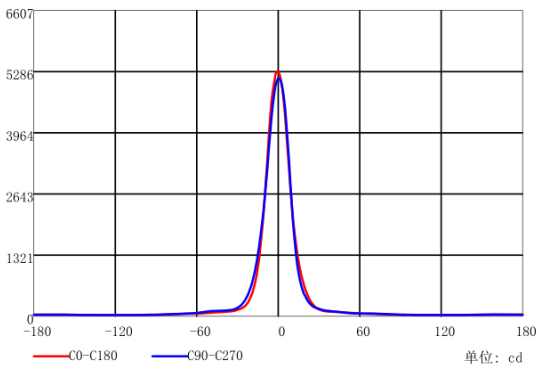
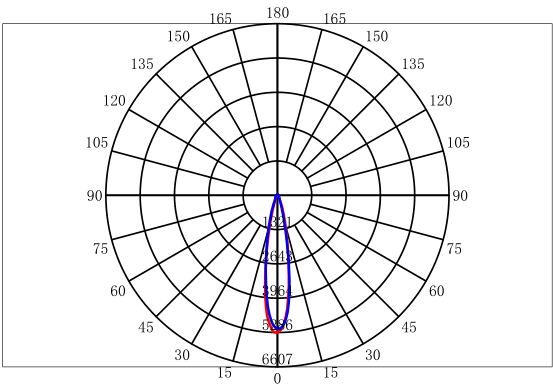
灯具实物照片



配光曲线



配光曲线



Packing

Material	Size	Packing Instruction
EPE	315*240mm	280PCS/1 Box 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.