

Product Specification

Product Class: LED LENS

Item No: DK-5050-143X50-TPI-S-12H1

Material: PC(UV)

Certification: RoHS

Sut Up:Xuan Yang

Check:Xiaohui Liang

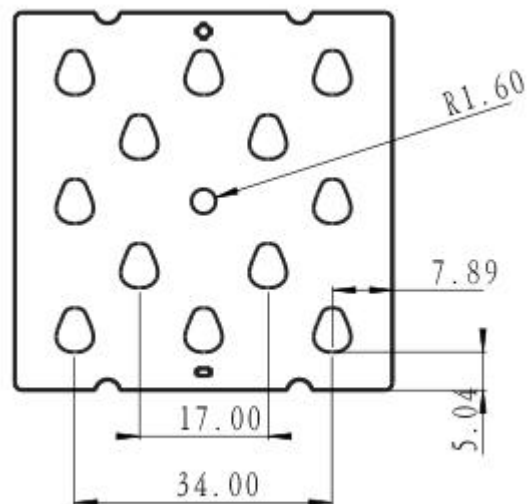
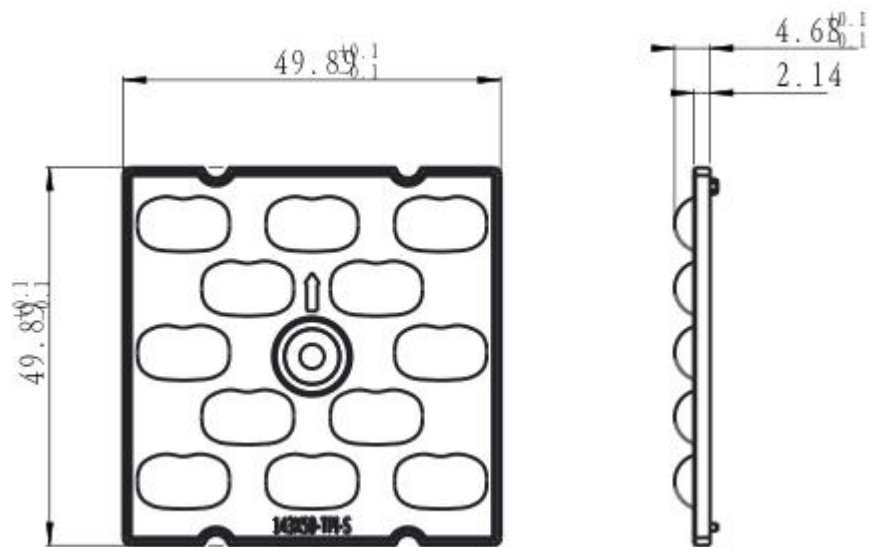
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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-5050-143X50-TPI-S-12H1		diamete: 49.89*49.89MM height:4.68MM FWHM:143*50°	3030	Street Lamp

Drawing



Optical Test Report

产品特征

灯具制造厂商:	光源光通量: 1469.2 lm
光源个数: 1	发光面宽度(mm): 0 mm
发光面长度(mm): 0 mm	电压: 48.0 V
发光面高度(mm): 0 mm	功率: 10.97 W
电流: 0.229 A	
功率因数: 1.000	

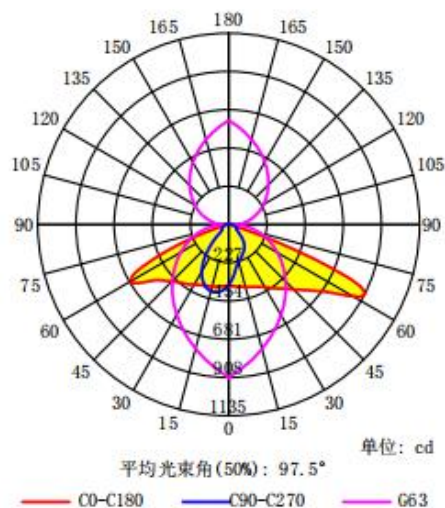
光度结果

灯具CIE分类: 直接型	额定光通量: 1469.2 lm
灯具光通量: 1469.2 lm	灯具效率: 100.00%
下射光通量比: 99.96%	上射光通量比: 0.05%
水平扩散角(10%, 50%, 75%, 100%): H146.9, H136.7, H132.1, H123	
垂直扩散角(10%, 50%, 75%, 100%): V147.3, V69, V40.1, V13	
灯具光效等级(LER): 133.98	中心光强: 366.15 cd
峰值光强: 908.41 cd	峰值光强位置: H0 V63
S/MH(C0/C180): 1.98	S/MH(C90/C270): 1.07

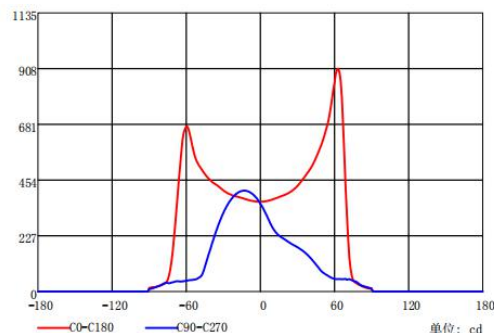
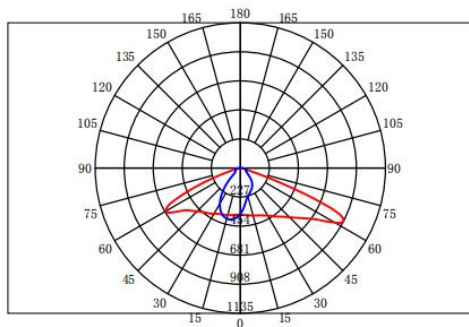
灯具实物照片



配光曲线

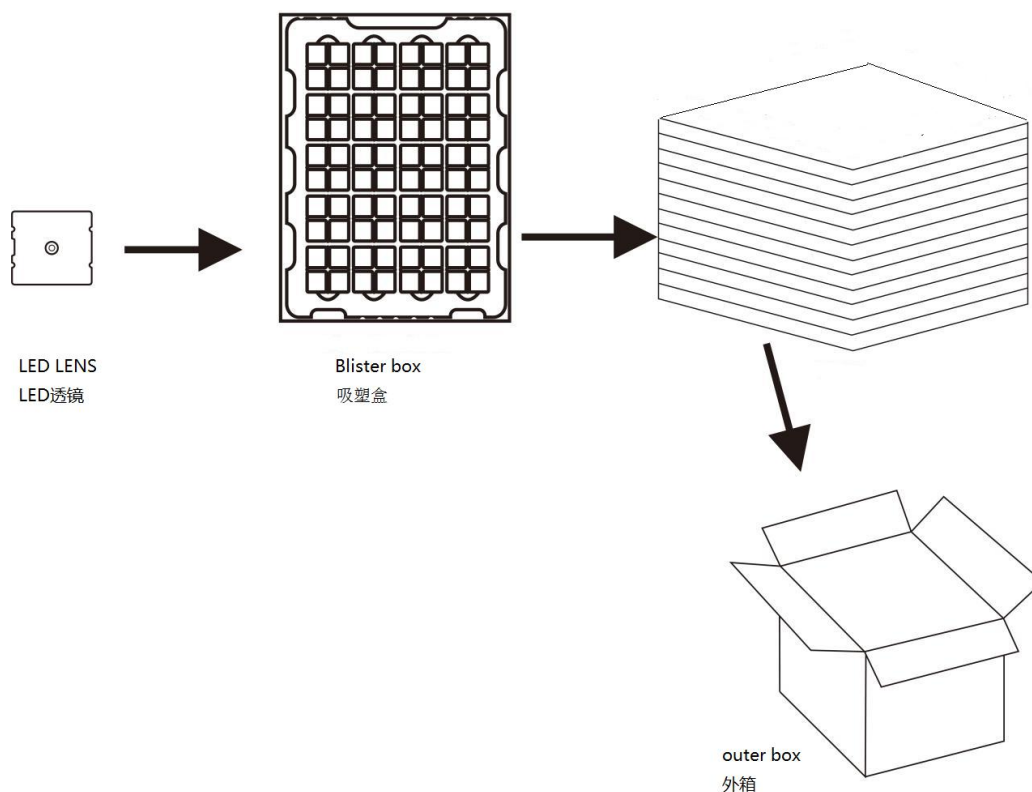


配光曲线



Packing

Material	Size	Total
Antistatic blister box	4W	20PCS a layer or deck
Box	335*245*105/mm	280PCS/ Box
Outer Box	510*330*255/mm	1120pcs/ Outer Box



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.