

Product Specification

Product Class: LED LENS

Item No: DK-173-160X63-TP-III-M-12H1-5050

Material: PC (UV)

Certification: RoHS

Set up: PeiShan Wu

Check: Xiaohui Liang

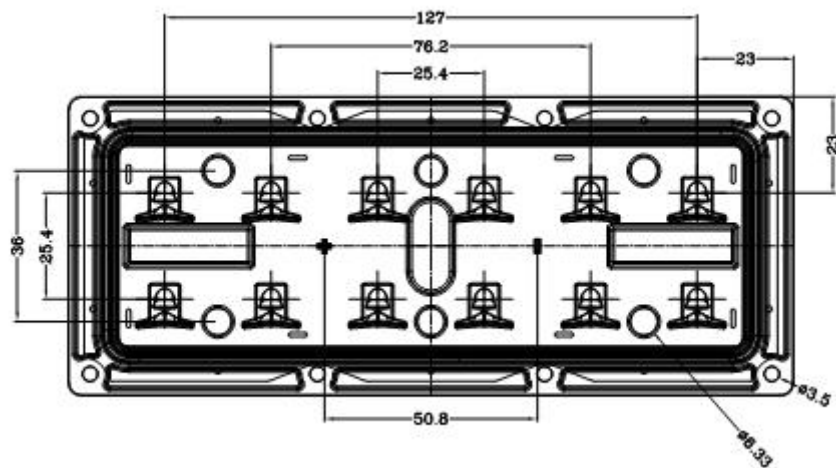
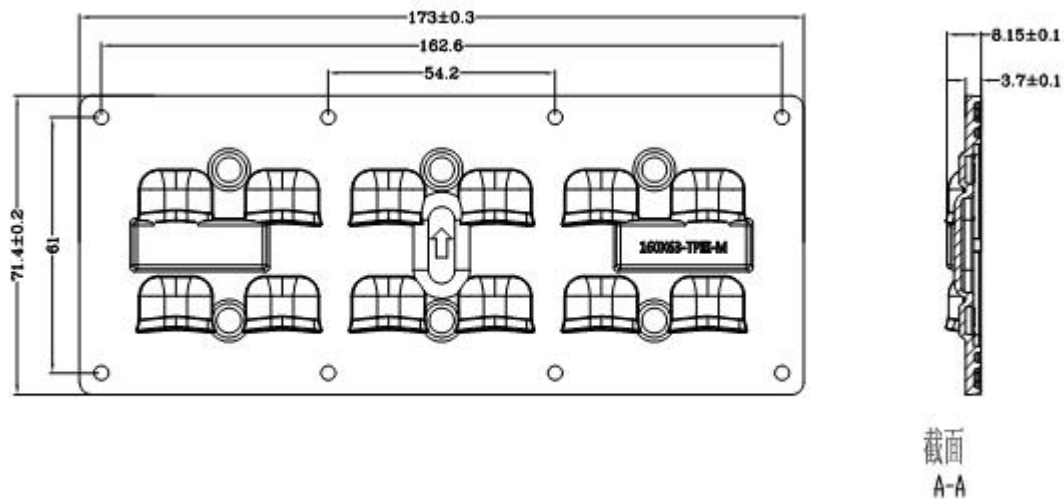
Content

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

Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-173-160X63-TP-III-M-12H1-5050		Diameter: 173*71.4MM Height:8.15MM FWHM:160X63°	5050	Streetlight

Drawing



Optical Test Report

产品特征

灯具制造厂商:
光源型号: 5050
电流: 0.143 A
功率因数: 1.000

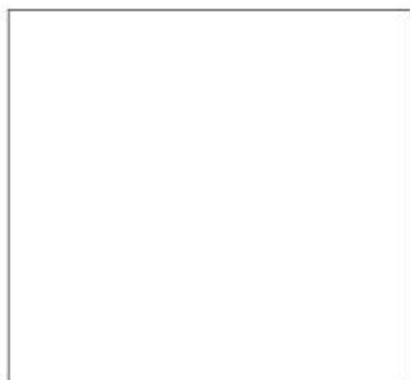
电压: 22.0 V
功率: 3.15 W

光度结果

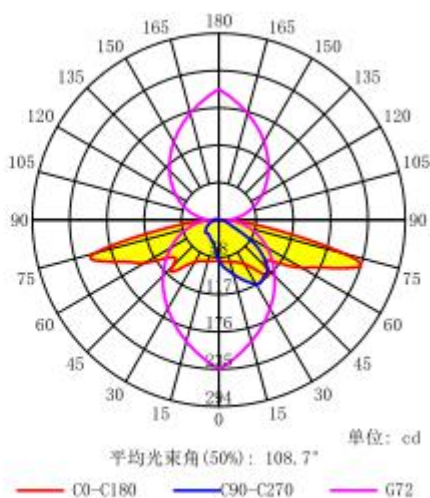
灯具CIE分类: 直接型
灯具光通量: 491 lm
下射光通量比: 97%
水平扩散角(10%, 50%, 75%, 100%): H173.9, H158.5, H153.4, H146
垂直扩散角(10%, 50%, 75%, 100%): V162.5, V83, V58.2, V33
灯具光效等级(LEER): 155.93
峰值光强: 235.65 cd
S/MH(C0/C180): 2.09

额定光通量: 491.0 lm
灯具效率: 100%
上射光通量比: 3%
中心光强: 65.09 cd
峰值光强位置: H0 V72
S/MH(C90/C270): 1.69

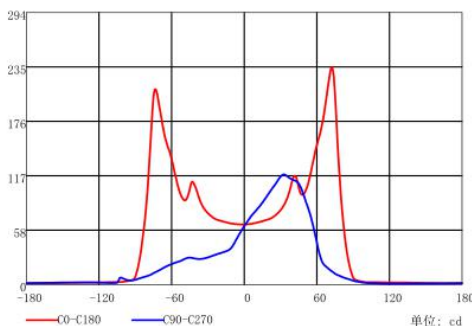
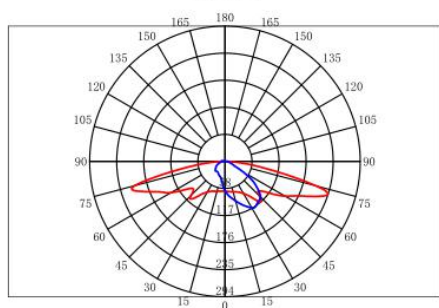
灯具实物照片



配光曲线

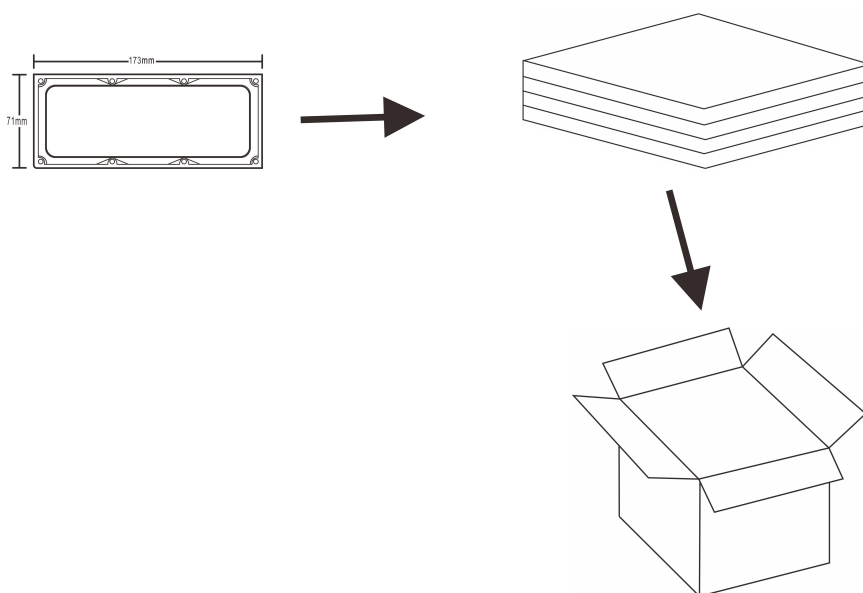


配光曲线



Packing

Material	Size	Packing Instruction
EPE	315*230mm	XXPCS/1 Box 4 Box/1 Carton
Plastic bag	170*190mm	
White Paperboard	A level; 400g; 310*235mm	
Box	335*245*105mm	
Carton	A=B 510*330*255mm	



Application Notes

- (1) Please use a little water and soft fabric (air-laid paper) to clean the product if necessary.
- (2) Forbid to use industrial solvent to clean the product, such as alcohol.
- (3) The working temperature is $-35^{\circ}\text{C}\sim+120^{\circ}\text{C}$.
- (4) Storage environment temperature is $0^{\circ}\text{C}\sim40^{\circ}\text{C}$, humidity is 30%~95%.
- (5) The product 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.
- (6) Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.
- (7) Please wear gloves once install the product, avoid to abrasion the product surface.
- (8) Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.