

Product Specification

Product class: LED LENS

Item No: DK-253*120-117*52-TPIII-S-36H1-U1

Material: PC(UV)

Certification: RoHS

Set Up:PeiShan Wu

Check:JianHua Zhang

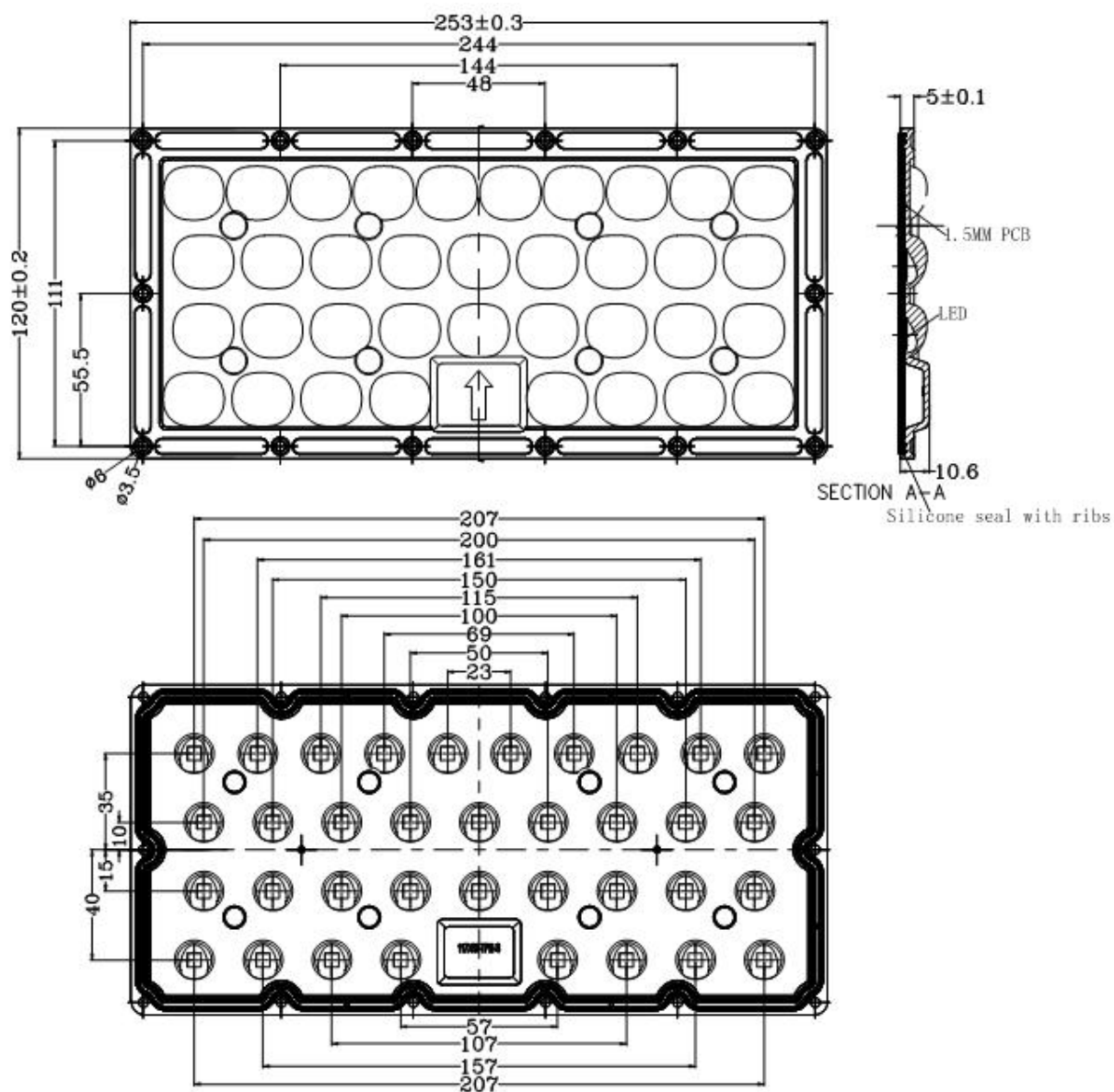
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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-253*120-117*52-TPIII-S-36H1-U1		Diameter: 253*120mm Height: 10.6mm FWHM: 117*52 °	5050	Steetlight lens

Drawing



Optical test report

产品特征

灯具制造厂商:
光源型号: 5050
电流: 0.403 A
功率因数: 1.000

电压: 43.0 V
功率: 17.34 W

光度结果

灯具CIE分类: 直接型
灯具光通量: 2813.5 lm
下射光通量比: 98%

水平扩散角(10%, 50%, 75%, 100%): H145.5, H135.7, H130.4, H113

垂直扩散角(10%, 50%, 75%, 100%): V131.6, V83.8, V68.2, V55

灯具光效等级(LER): 162.31

峰值光强: 1180.81 cd

S/MH(C0/C180): 1.89

额定光通量: 2813.5 lm

灯具效率: 100%

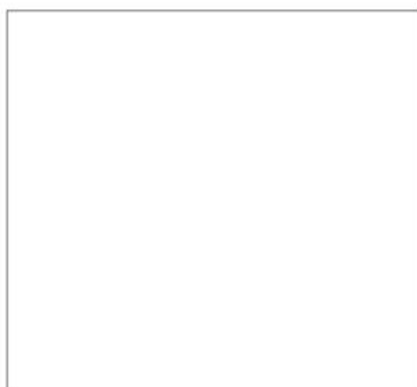
上射光通量比: 2%

中心光强: 657.35 cd

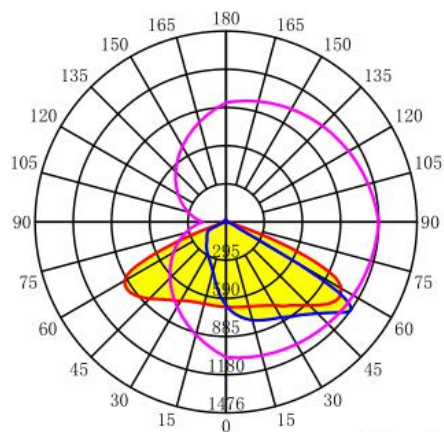
峰值光强位置: H90 V55

S/MH(C90/C270): 1.38

灯具实物照片



配光曲线

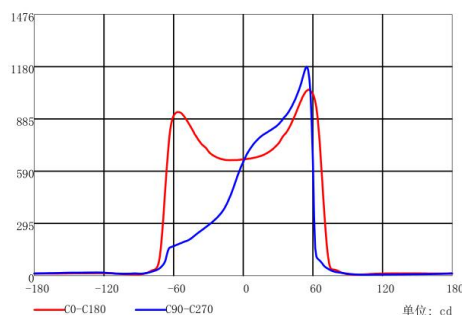
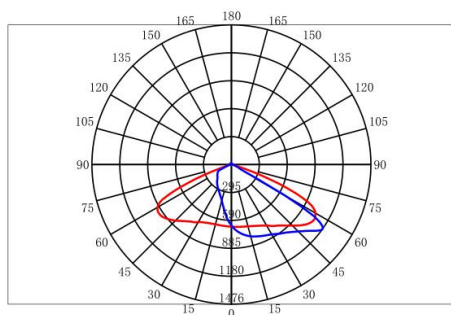


单位: cd

平均光束角(50%): 99.3°

— C0-C180 — C90-C270 — G55

配光曲线



单位: cd

Packing Details

Packing Material	Packing Materil size	Packing Specification
Pearl wool	310*230mm	60PCS / 1 outer box
White paperboard	310*235mm	
Outer box	330*255*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 $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ (PMMA) or $-35^{\circ}\text{C} \sim +120^{\circ}\text{C}$ (PC).

(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.