

Product Specification

Product class: LED Streetlight

Item No.: DK-286-P50-LENS-46H1

Material: PC (UV)

Certification: RoHS

Set up: PeiShanWu

Check: JianHuaZhang

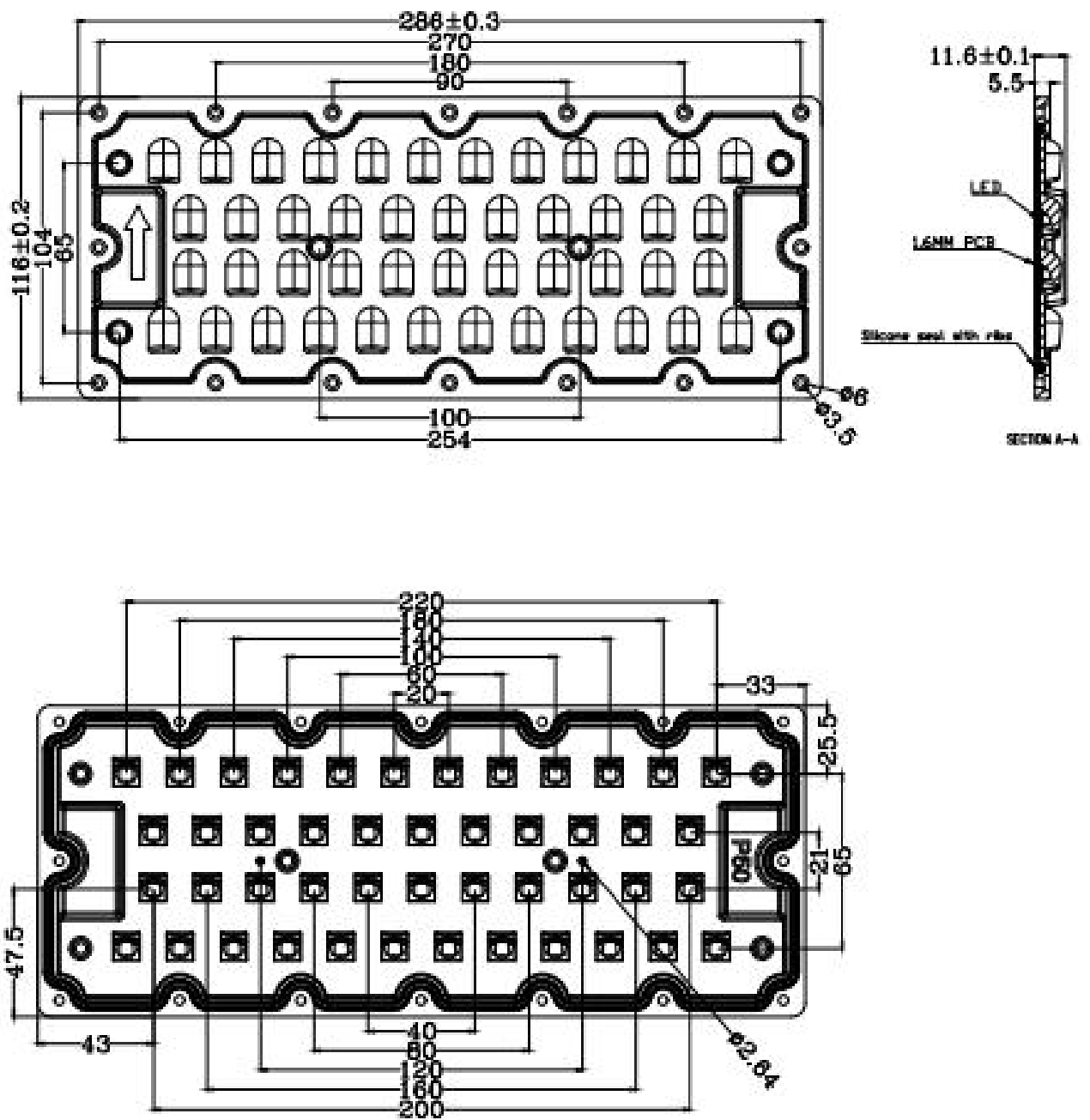
Content

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

Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-286-P50-LENS-46H1		Diameter: 286*116MM Height: 11.6mm FWHM: Single bias 50°	5050	Steetlight lens

Drawing



Optical test report

产品特征

灯具制造厂商:
电压: 54.0 V
功率: 19.45 W

电流: 0.360 A
功率因数: 1.000

光度结果

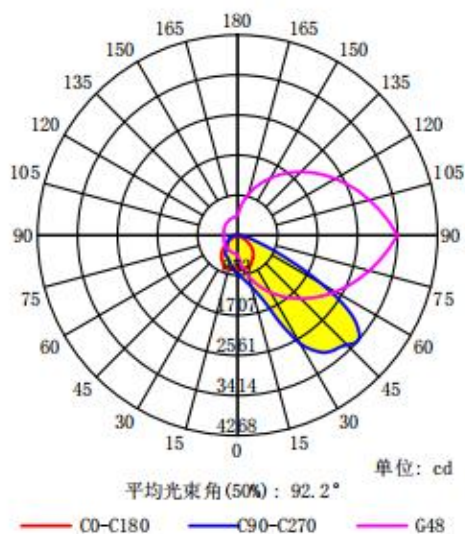
灯具CIE分类: 直接型
灯具光通量: 3770.5 lm
下射光通量比: 100%
水平扩散角(25%, 50%, 75%, 100%): H117.2, H99.1, H75.5, H18
垂直扩散角(25%, 50%, 75%, 100%): V133.4, V99.5, V73.7, V48
灯具光效等级(LER): 193.90
峰值光强: 3414.87 cd
S/MH(C0/C180): 1.25

额定光通量: 3770.5 lm
灯具效率: 100%
上射光通量比: 0%
中心光强: 742.91 cd
峰值光强位置: H90 V48
S/MH(C90/C270): 2.57

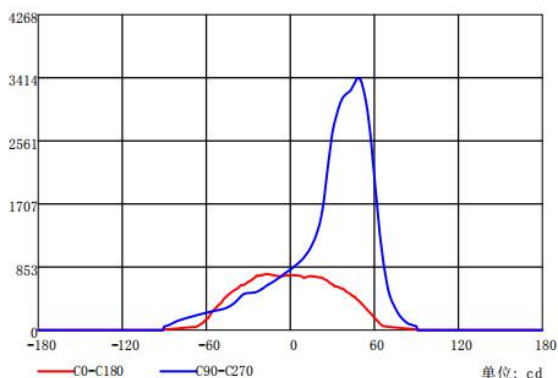
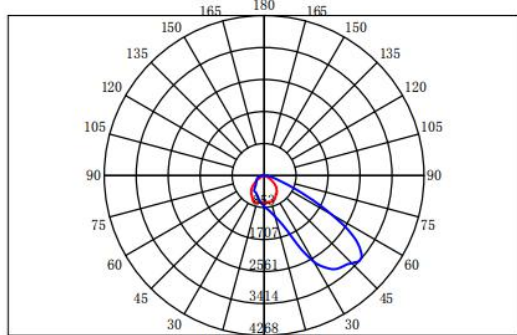
灯具实物照片



配光曲线



配光曲线



Packing Details

Packing Material	Packing Materil size	Packing Specification
Pearl wool	315*230mm	44PCS/1 outer box
Plastic bag	300*350mm	
White paperboard	A level; 400g; 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 $0^{\circ}\text{C}\sim40^{\circ}\text{C}$, 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.