

Product Specification

Product Class: LED LENS

Item No: **DK-520-90-LENS-96H1**

Material: PC(UV)

Certification: RoHS

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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-520-90-LENS-96H1		Diameter: 520*116mm Height:13.6mm FWHM:90°	5050	Streetlight

Technical drawing of a rectangular metal plate with a grid of circular holes. The drawing includes top, side, and detail views with dimensions in millimeters.

Top View Dimensions:

- Overall length: 520.23 ± 0.3
- Overall width: 115.85 ± 0.2
- Distance between hole centers (pitch): 5.52 ± 0.1
- Hole diameter: 13.6
- Distance from edge to first hole center: 20
- Distance between hole centers (pitch): 5.52 ± 0.1
- Distance from edge to last hole center: 20
- Distance between hole centers (pitch): 5.52 ± 0.1
- Distance from edge to last hole center: 20

Side View Dimensions:

- Overall thickness: 2.3
- Distance from edge to first hole center: 11.6
- Distance from edge to last hole center: 11.1

Detail View Dimensions:

- Distance from edge to first hole center: 20
- Distance from edge to last hole center: 20
- Distance between hole centers (pitch): 5.52 ± 0.1
- Hole diameter: 13.6
- Distance from edge to last hole center: 20
- Distance between hole centers (pitch): 5.52 ± 0.1
- Distance from edge to last hole center: 20

Optical Test Report

产品特征

灯具制造厂商:

光源个数: 1

发光面长度(mm): 0 mm

发光面高度(mm): 0 mm

光源光通量: 1.0 lm

发光面宽度(mm): 0 mm

功率: 1.00 W

光度结果

灯具CIE分类: 直接型

灯具光通量: 0.9 lm

下射光通量比: 92.54%

水平扩散角(10%, 50%, 75%, 100%): H106.7, H91, H83.2, H65

垂直扩散角(10%, 50%, 75%, 100%): V105.4, V91, V83.3, V65

灯具光效等级(LER): 0.98

峰值光强: 0.53 cd

S/MH(C0/C180): 1.60

额定光通量: 1.0 lm

灯具效率: 92.54%

上射光通量比: 0.00%

中心光强: 0.42 cd

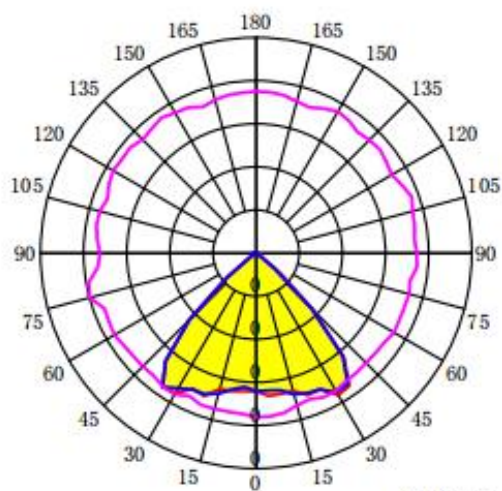
峰值光强位置: H285 V30

S/MH(C90/C270): 1.60

灯具实物照片



配光曲线

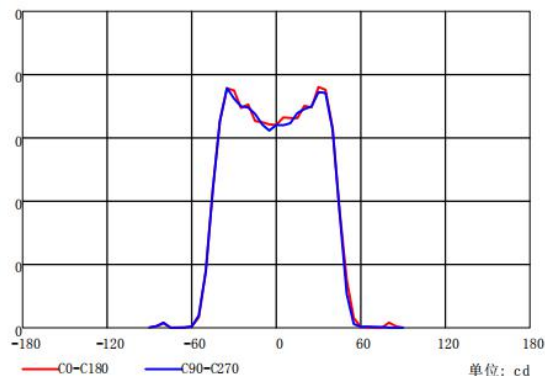
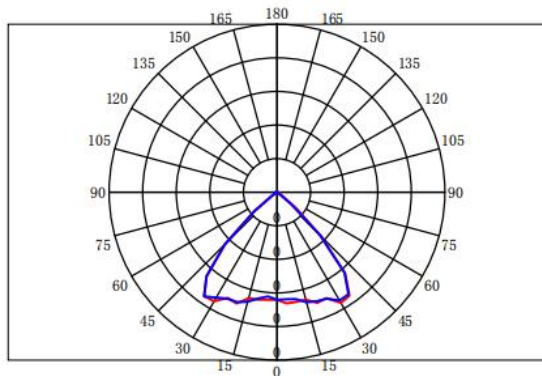


单位: cd

平均光束角(50%): 90.9°

— C0-C180 — C90-C270 — G30

配光曲线



单位: cd

Packing

Material	Size	Packing Instruction
Pearl wool	315*230mm	44PCS/1 Carton
White Paperboard	570*250mm	
Carton	A=B 590*275*290mm	

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.