

Product Specification

Product Class: LED LENS

Item No: **DK-520-08-LENS-96H1**

Material: PC(UV)

Certification: RoHS

Content

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

Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-520-08-LENS-96H1		Diameter: 520*116mm Height:16mm FWHM:8°	3535	Streetlight

Technical drawing of a rectangular plate. The main view shows a rectangular plate with overall dimensions 520 ± 0.5 (width) and 116 ± 0.2 (height). The plate features a grid of 48 circular holes arranged in 4 rows and 12 columns. The holes have a diameter of $\phi 19.78$. The plate has a thickness of 3.5 . A cross-section view on the right shows the internal structure with dimensions: 2.3 , 0.75 , 1.6 , 0.4 , 2 , and 2.3 .



Optical Test Report

产品特征

灯具制造厂商:
电压: 44.0 V
功率: 32.23 W

电流: 0.733 A
功率因数: 1.000

光度结果

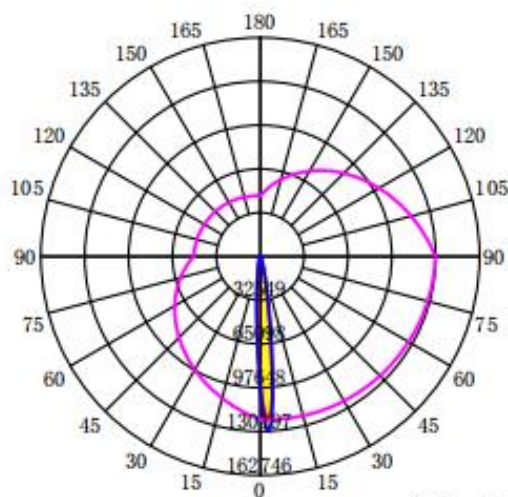
灯具CIE分类: 半直接型
灯具光通量: 13065 lm
下射光通量比: 81%
水平扩散角(25%, 50%, 75%, 100%): H15.9, H10.4, H7, H3
垂直扩散角(25%, 50%, 75%, 100%): V15.9, V10.3, V6.8, V3
灯具光效等级(LER): 405.42
峰值光强: 130197.57 cd
S/MH(C0/C180): 0.23

额定光通量: 13065.0 lm
灯具效率: 100%
上射光通量比: 19%
中心光强: 91887.65 cd
峰值光强位置: H90 V3
S/MH(C90/C270): 0.22

灯具实物照片



配光曲线

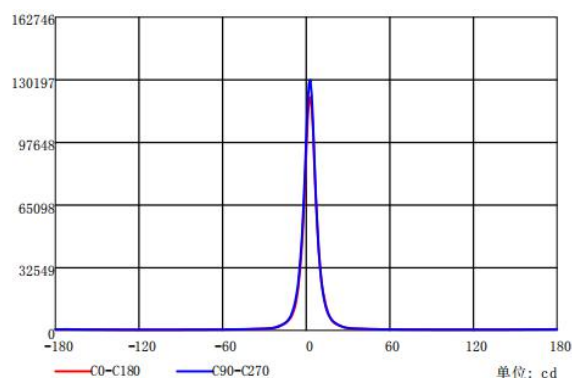
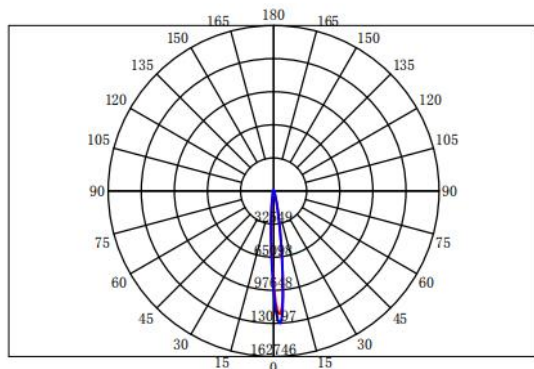


单位: cd

平均光束角(50%): 9.3°

— C0-C180 — C90-C270 — G3

配光曲线



单位: cd

Packing

Material	Size	Packing Instruction
Pearl wool	315*230mm	34PCS/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.