

Product Specification

Product class: LED Lens

Item No. DK17168-BG-0.82-LENS

Material: PMMA

Certification: RoHS

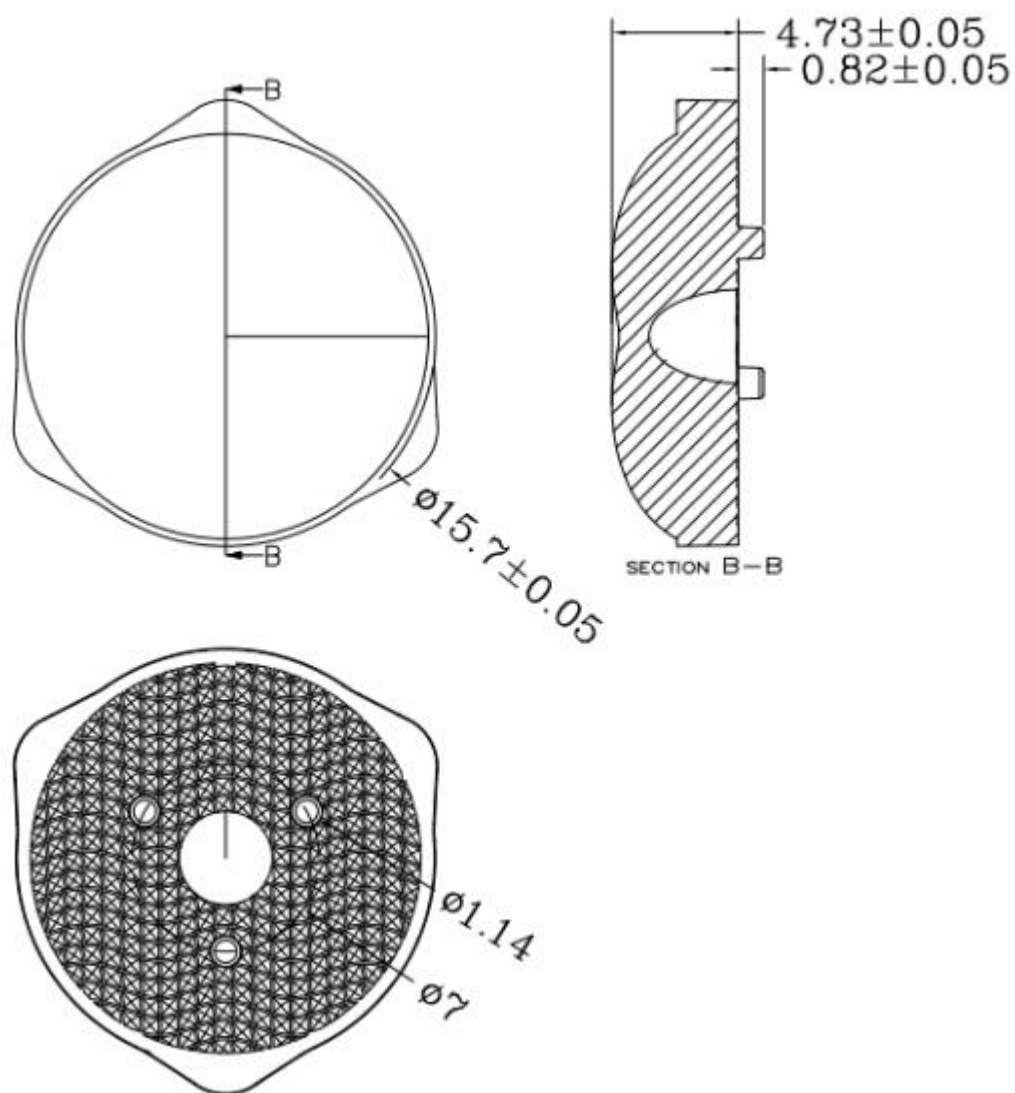
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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK17168-BG-0.82-LENS		Diameter: $\Phi 15.7\text{mm}$ Height: 5.55mm FWHM: 158.4°	3030	Backlight

Drawing



Optical test report

产品特征

灯具种类:

电压: 0.0 V

功率: 0.00 W

电流: 0.000 A

功率因数: 0.000

光度结果

灯具CIE分类: 直接型

灯具光通量: 71.7 lm

下射光通量比: 100%

水平扩散角 (25%, 50%, 75%, 100%): H162.7, H158.2, H154, H146

垂直扩散角 (25%, 50%, 75%, 100%): V162.8, V158.6, V154.3, V145

灯具光效等级 (LER): 72

峰值光强: 31.28 cd

额定光通量: 71.7 lm

灯具效率: 100%

上射光通量比: 0%

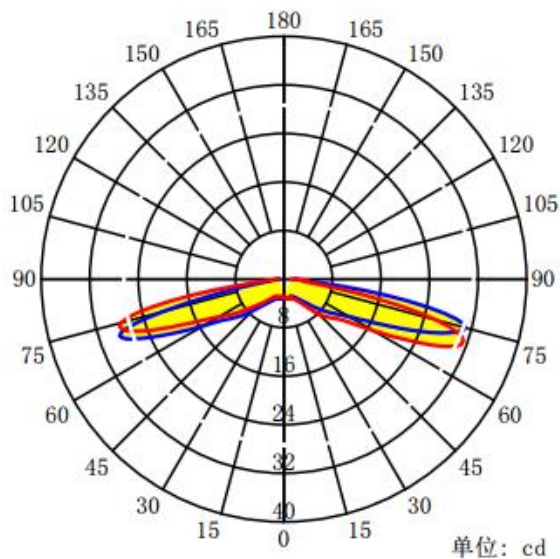
中心光强: 3.02 cd

峰值光强位置: H90 V71

灯具实物照片



配光曲线



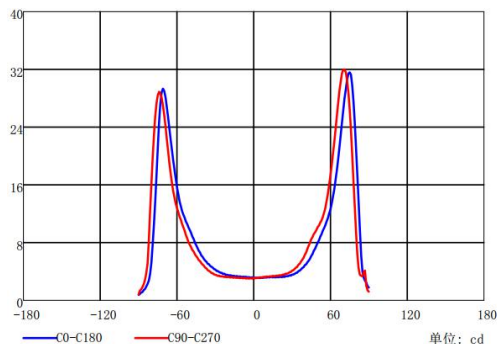
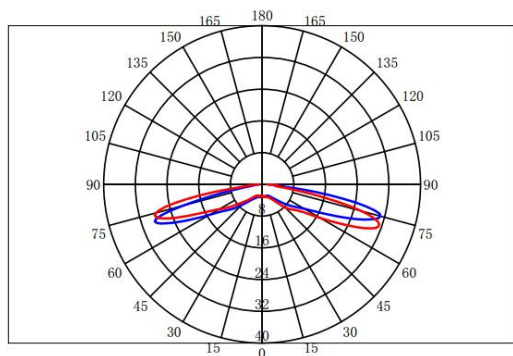
平均光束角 (50%): 158.4°

— C0-C180

— C90-C270

G71

配光曲线



Packing Details

Packing Material	Packing Materil size	Packing Specification
Pearl wool	315*230mm	1000PCS / 1 outer box
White paperboard	310*235mm	
Plastic bag	300*350mm	
Outer box	A=B 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 $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ for lens, under 120°C for reflector.

(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.