

Product Specification

Product Class: LED LENS

Item No: **DK-5050-60-LENS-12H1-B**

Material: PC(UV)

Certification: RoHS

Sut Up:PeiShan Wu

Check:XiaoHuiLiang

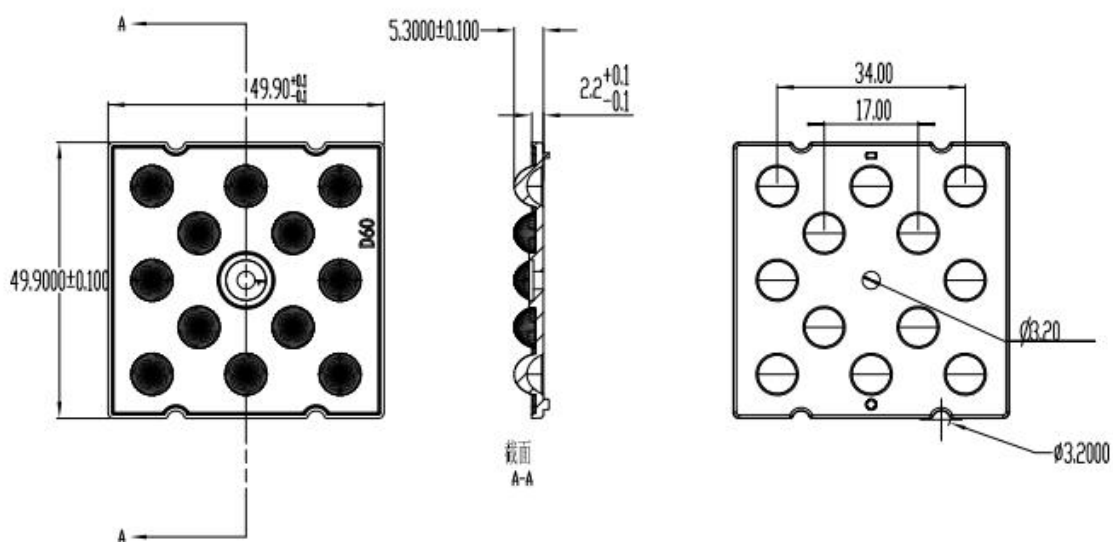
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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK-5050-60-LENS-12H1-B		diamete: 49.9*49.9MM height:5.3MM FWHM: 60°	XPE 2835 3030	Street Lamp

Drawing



Optical Test Report

Luminaire Property

Luminaire Manufacturer:

Number of Lamps: 1

Luminous Length (mm): 0 mm

Luminous Height (mm): 0 mm

Current: 0.219 A

Power Factor: 1.000

Lumens per Lamp: 1329.0 lm

Luminous Width (mm): 0 mm

Voltage: 48.0 V

Power: 10.52 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1329 lm

Downward Ratio: 96.84%

Horizontal Diffuse Angle(25%,50%,75%,100%): H101.2,H58.1,H32.2,H0

Vertical Diffuse Angle(25%,50%,75%,100%): V100.8,V58.3,V33.8,V3

Luminaire Efficacy Rating (LER): 126.38

Max. Intensity: 976.77 cd

S/MH(C0/C180): 0.81

Total Rated Lamp Lumens: 1329.0 lm

Efficiency: 100.00%

Upward Ratio: 3.16%

Central Intensity: 970.95 cd

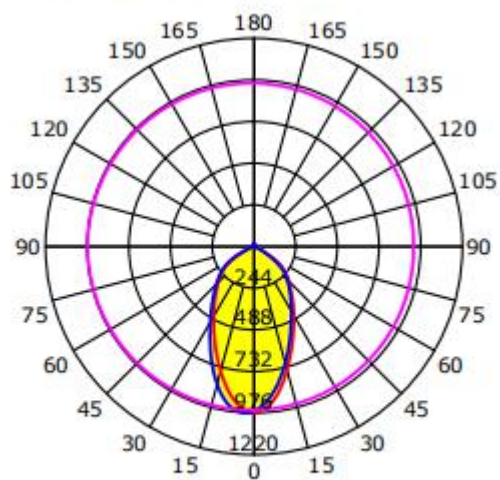
Pos of Max. Intensity: H270 V3

S/MH(C90/C270): 0.83

Picture Of Luminaire



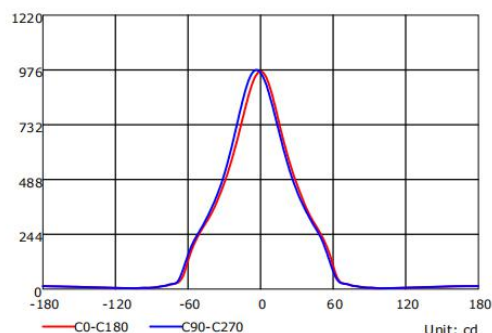
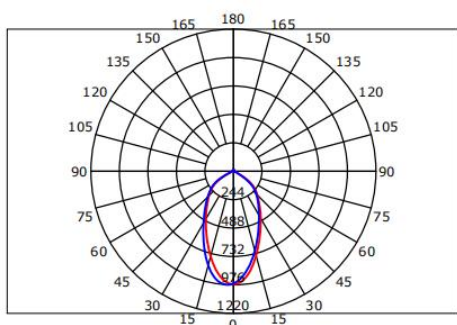
Luminous Intensity Distribution Curve



Unit: cd

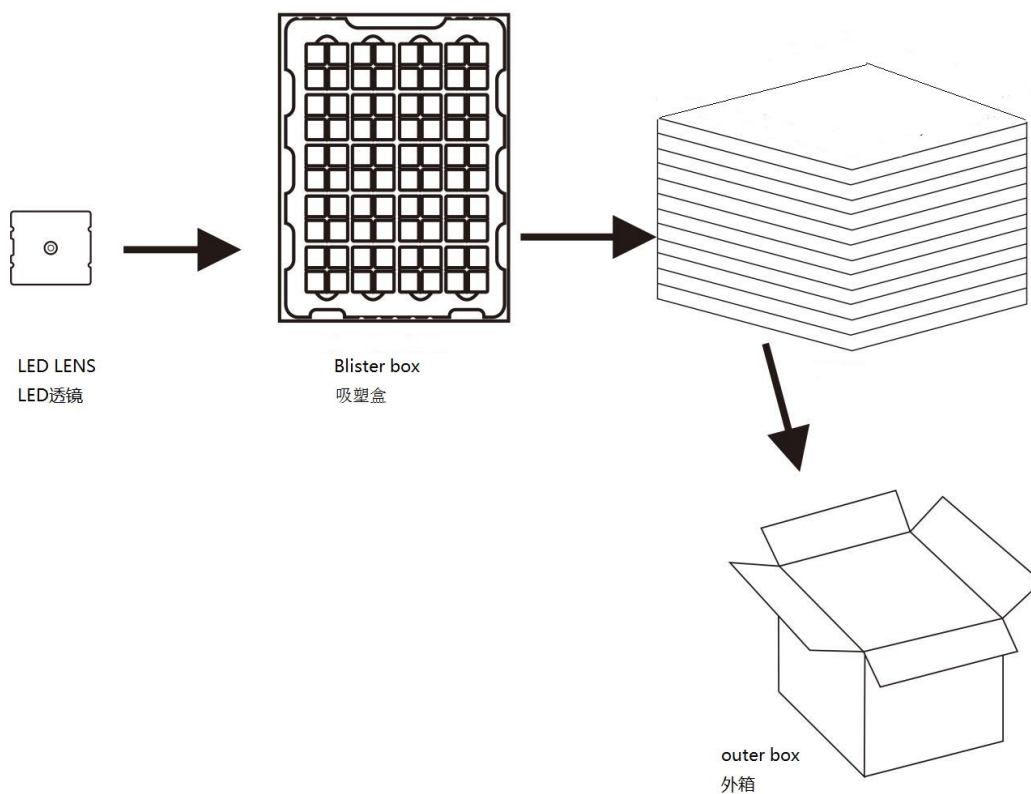
Average Diffuse Angle(50%): 58.0°

— C0-C180 — C90-C270 — G3



Packing

Material	Size	Total
Antistatic blister box	4W	20PCS a layer or deck
Box	335*245*105/mm	280PCS/ Box
Outer Box	510*330*255/mm	1120pcs/ Outer Box



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.