



Product Parameters:

- * Product Name: Led Lens
- * Part Number : KB-HB12W-15
- * Product Size : L173 * W71.4* H 11.5mm

- * Beam Angle : 15 degree Symmetric
- * Material : Lens-PMMA
Gasket-Silica
PCB-Aluminum

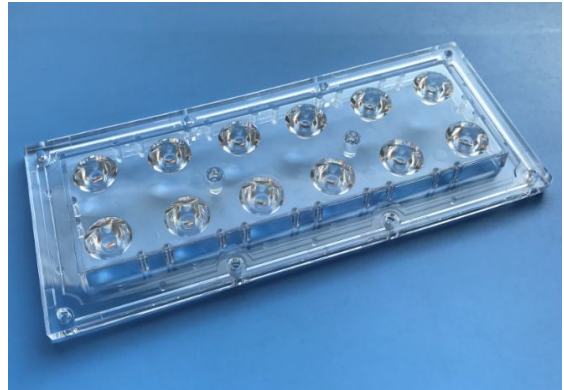
- * PCB Thickness : 1.5mm
- * Tolerance: ± 0.20 mm
- * Operating Temperature : $-40 \sim 90^{\circ}\text{C}$
- * Lens Light Efficiency : 90%

- * Assembly : Screws

- * Match Led Cree XP series 
Cree XML 

- * Direction for use

- 1, Please use some soft paper or pure water to clean lens (reflector)
- 2, Don't use any industrial solvent to clean lens surface , such as alcohol
- 3, Storage environment : Temperature $0\sim 40^{\circ}\text{C}$, Humidity 30%~95%
- 4, This kind of lens can make the lighting more concentrated, and it's made from transparent material , so please do not open the packages until you use them, in case of the dust and other pollutions.



Product Package:



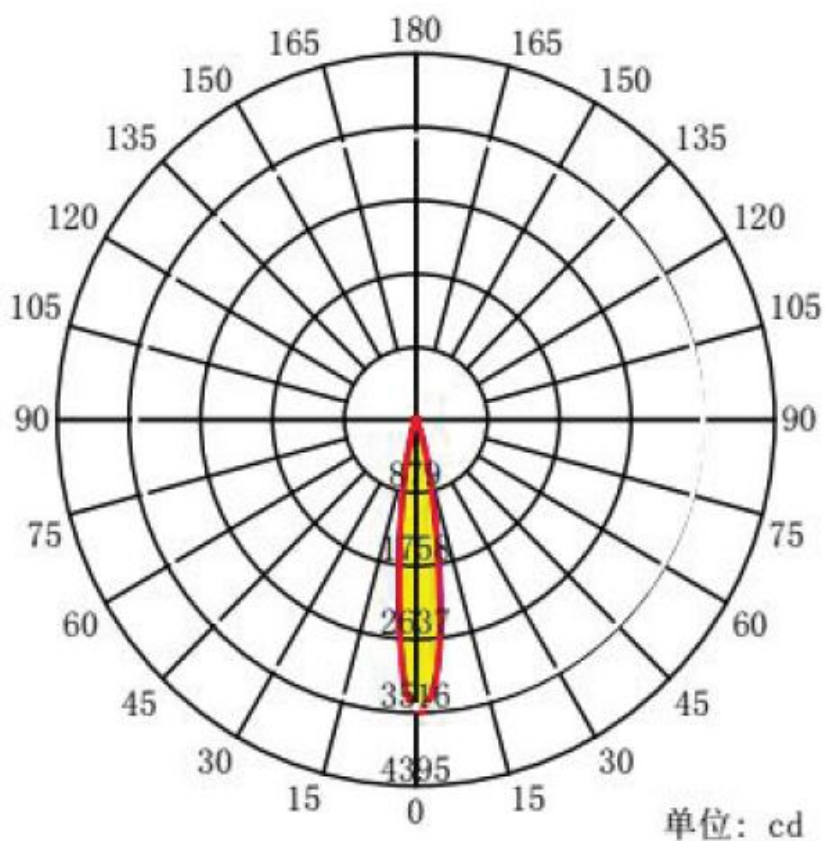
Single lens

150pcs/ carton

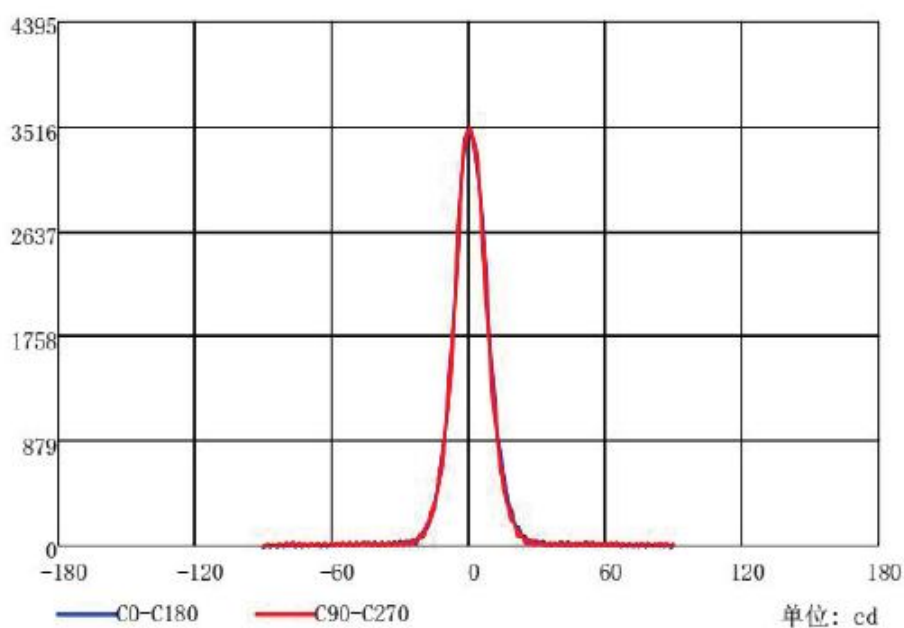
14.5kg/carton

Carton size: 51*32*37cm

Optical Characteristics:



平均光束角(50%): 16.1°



Mechanical Characteristics:

