



广东宏磊达光电科技有限公司

Guandong Hongleida Optoelectronic Technology CO., LTD

# 产品说明书

## (PART DESCRIPTION)

产品名称 ( PRODUCT NAME )	大功率 LED 透镜
产品型号 ( PRODUCT NO)	LHH0910LD-14-XP01
版本号 (EDITION NO)	01A
说明书编号 (MANUAL NO. )	20130124001
日期 (DATE)	2013. 01. 24



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LHH0910LD-14-XP01

产品照片 (Product photographs)



正面 (Face)



反面 (Inverse)

备注 (Note) :

(1) 透镜材料为 PC, 颜色为透明。

(Lens material is PC, and color is transparent.

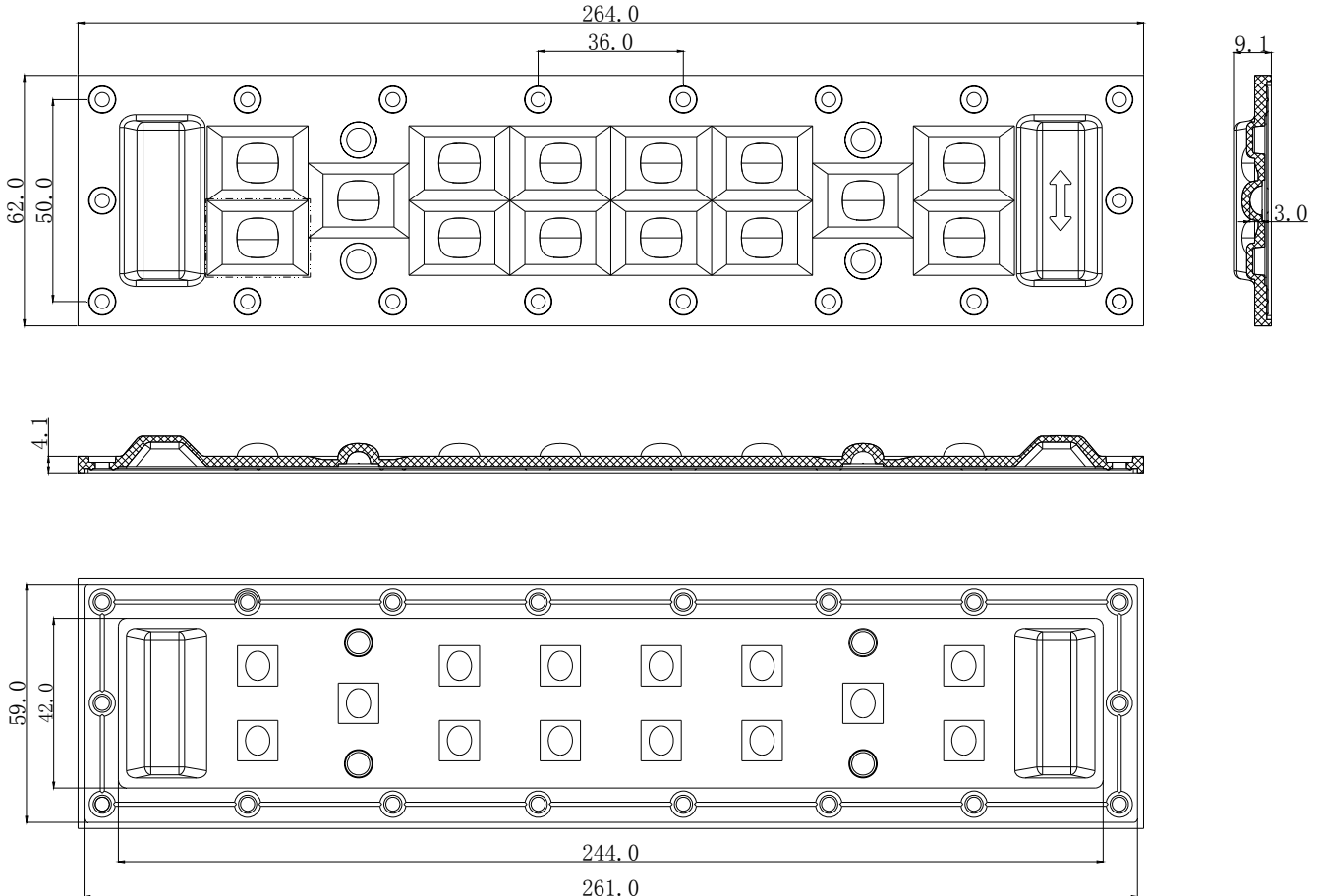
(2) 禁止用任何工业溶剂清洗透镜, 例如酒精。

(Never use any commercial cleaning solvents on lenses, like alcohol.

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## 产品图纸(Product drawings)



### 备注 (Note) :

(1) 必须按照上面规定的尺寸来制造产品。

(Specific size can be made according to requirements.)

(2) 这里所有的尺寸都为毫米, 图纸和产品是相对应的。

(The unit of all the dimensions is mm, and the drawing follows a certain proportion.)

(3) 工作时控制的温度变化范围:  $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

(Operating Temperature range  $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$  )

(4) 贮存温度:  $0^{\circ}\text{C} \sim +40^{\circ}\text{C}$

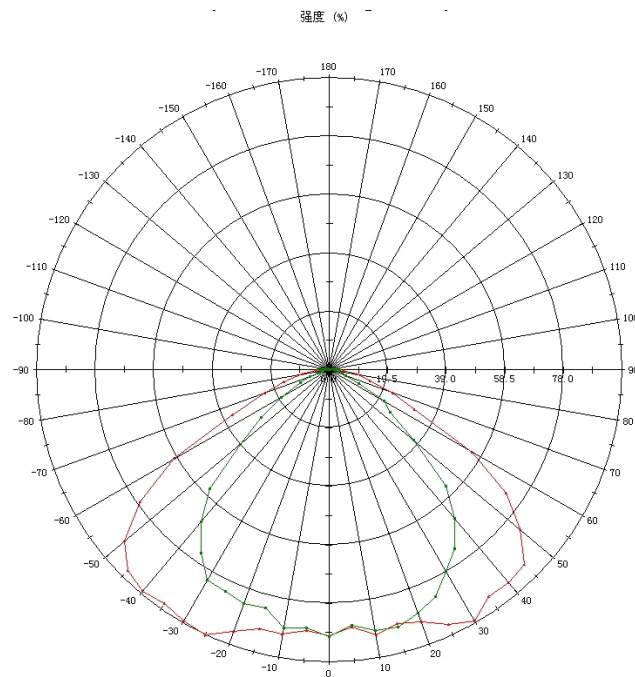
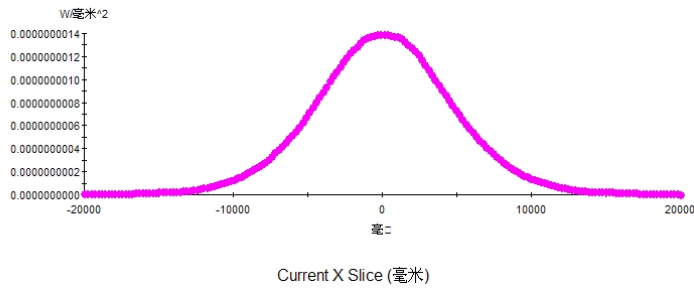
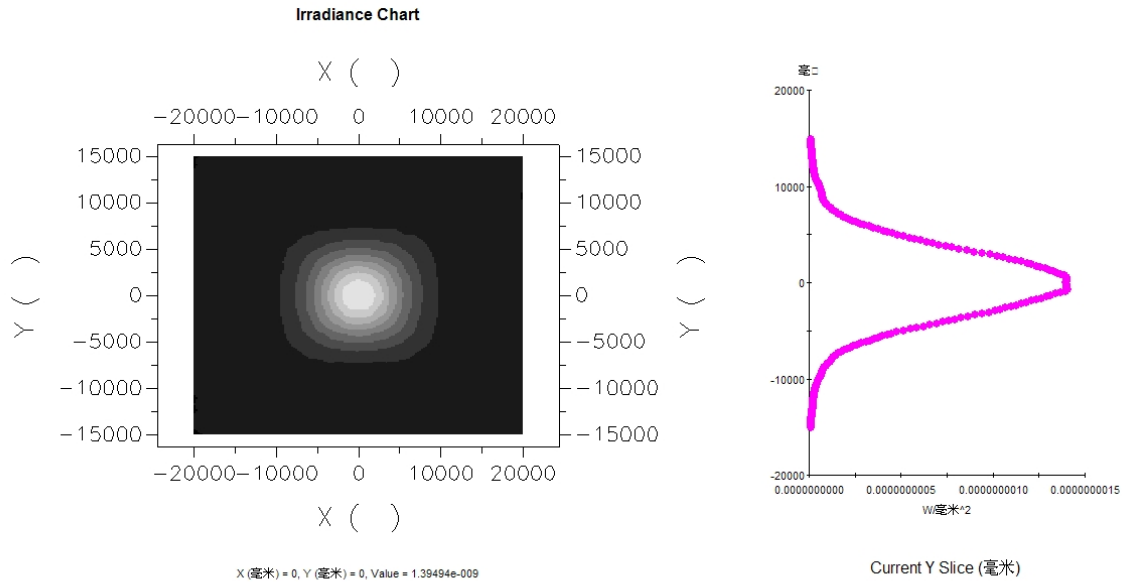
(Storage Temperature range  $0^{\circ}\text{C} \sim +40^{\circ}\text{C}$  )



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## 光照及角度曲线(Illumination and Angle curve)



Total Collected Power = 117.04411 lm  
Efficiency = 0.37539  
Maximum Intensity = 39.91040 cd

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[Http:// www.hongleida.com](http://www.hongleida.com)



## 测试数据 (Test data)

光源 ( LIGHT SOURCE )	透镜 (LENS)	出光角度 (Out Light Range Degree)				
		方向	10%	25%	50%	75%
Osram CP7P (出光 80 度)	LHH0910LD-14-XP01	横向	139.5	113.4	104.9	91.7
		竖向	120.2	95.6	85.2	73.4
OSRAM CQAR (出光 120 度)	LHH0910LD-14-XP01	横向	144.6	127.2	116.4	111.9
		竖向	128.2	109.5	100.8	96.5
Osram CPDP (出光 150 度)	LHH0910LD-14-XP01	横向	144.3	137.6	125.0	118.2
		竖向	135.4	124.6	106.5	100.5



## 包装方式 (Packing)

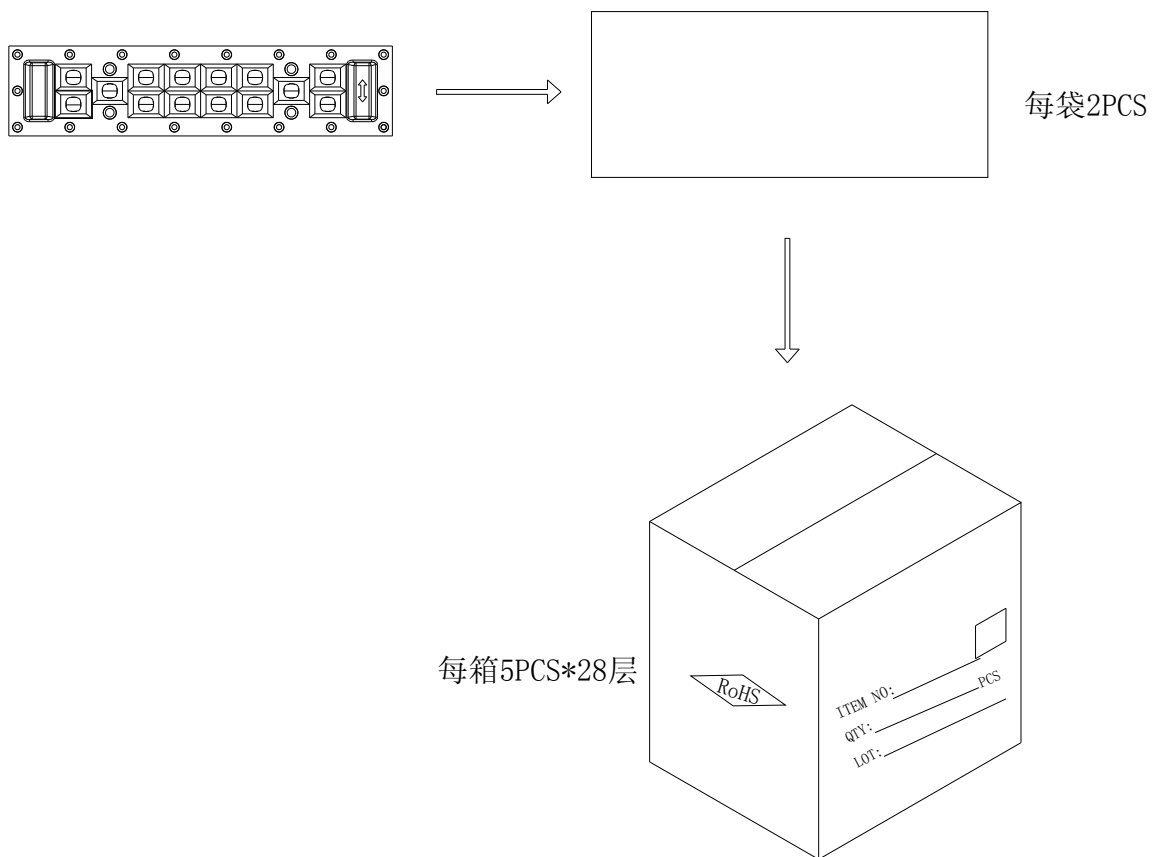
1、LHH0910LD-14-XP01 包装方式 (packing):

1.1、包材 (Packaging material):

130\*280\*0.5MM 腹膜袋; 32.0\*26.5\*25.0CM 纸箱 (cartons);

1.2、数量 (QTY): 5PCS/层\*28 层/箱=140PCS/箱 (具体数量以实际生产包装为准)

1.3、包装示意图 (Packaging schemes):





## 使用说明 (Instructions)

- (1) 如果必须清洗透镜请用少量水和柔软的布（无尘纸）擦拭。  
(If necessary, clean lenses with mild soap, water and soft cloth.)
- (2) 禁止用工业溶剂清洗透镜，例如酒精。  
(Never use any commercial cleaning solvents on lenses, like alcohol.)
- (3) 工作环境时透镜的温度控制在 $-40^{\circ}\text{C}\sim+80^{\circ}\text{C}$   
(Lens operating Temperature range  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ .)
- (4) 贮存环境要求，温度： $0^{\circ}\text{C}\sim40^{\circ}\text{C}$  ， 湿度： $30\%\sim95\%$ 。  
(Alternatively the following environment is recommended: Storage temperature:  $0^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ , Humidity:  $30\%$  to  $95\%$  HR max.)
- (5) 透镜具有导光和聚光功能，由透明材料制成，污染后可直接影响其功能，于是在未使用  
请勿打开包装，预防灰尘等污染。  
(This kind of lens can make the lighting more concentrated , and it' s made from the transparent material, The functions will be affected once they were polluted, so please do not open the packages until you use them , in case of the dust and other pollutions.)
- (6) 避免阳光直射和其他带有紫外线的射线照射，易产生老化、变色、裂变等不良效果。  
(Please Avoid the lens contacting with the sunlight and other ultraviolet radiations directly, it' s very easy to produce the bad effects , such as aging, discoloration, fission and so on .)
- (7) 请在安装透镜时戴手套，透镜表面的磨损会影响其出光效果。  
(Please handle or install lens with wearing gloves, skin oils may damage lens optical characteristic.)
- (8) 禁止用酸性或碱性溶剂接触产品，易产生化学反应。  
(Please prohibit the acidic or alkaline solvent contacting with the lens directly, or the chemical reaction will be happened very easily.)