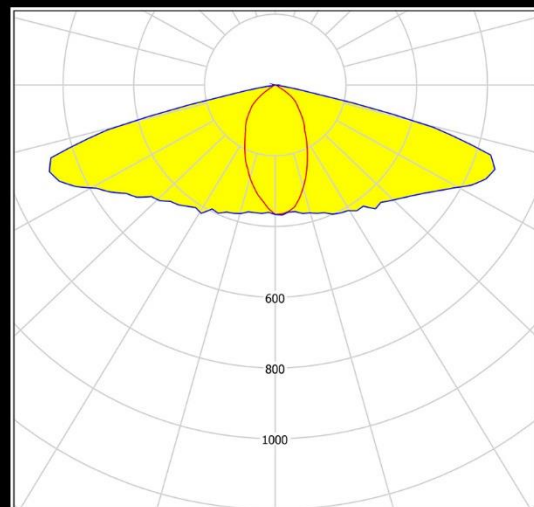
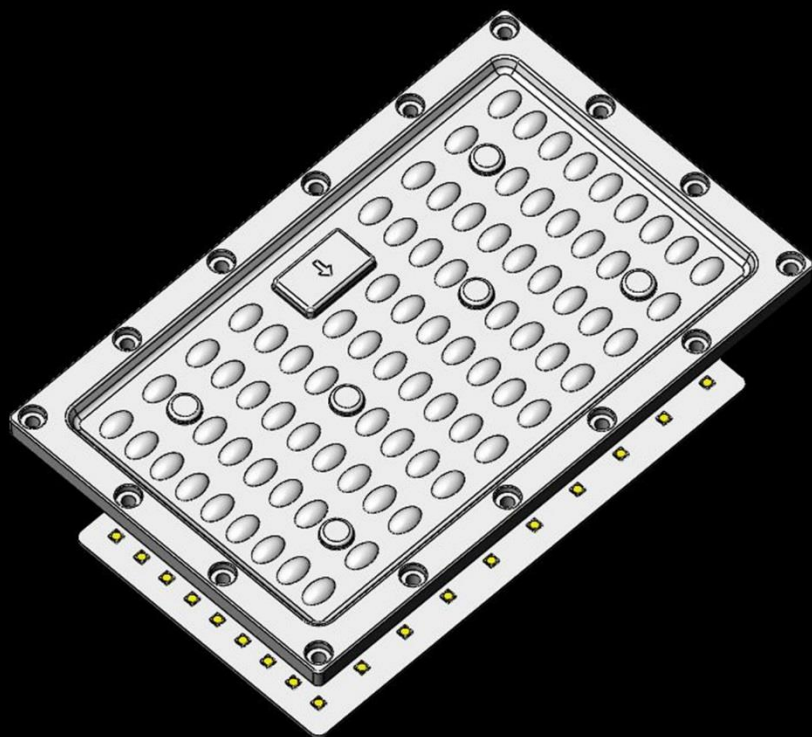


Data Sheet

HH-120-80×1-xx-PH3030



深圳市汉辉光电有限公司

shenzhen hanhui photoelectric co.,Ltd.

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Data Sheet

catalogue

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*Product Nomenclature

HH-120-80 × 1-xx-PH3030

H1 H2 H3 H4 H5 H6 H7

H1: The company's initials in Pinyin (Han Hui)

H2: Mold number

H3: Lens quantity

H4: The number of lamp beads inside each optical surface

H5: Lens angle/type (ex: 60、90、T2M、T3M)

H6: LED type (ex: CREE-CR、SAMSUNG-SS、PHILIPS-PH.....)

H7: LED size (ex:2835、3030、3535、.....)



HH-120-80×1-xx-PH3030

General Information

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◆ Features & Typical Applications

- Available with 1 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder
- Roadway Lighting

◆ Material Information

Lens Material: PC 1225Z

Operating Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).

Storage Temperature range $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$ (upper limit $+120^{\circ}\text{C}$).

*Average transmittance in visible spectrum $400\text{nm} \sim 700\text{nm} > 90\%$.

◆ Usage and Maintenance

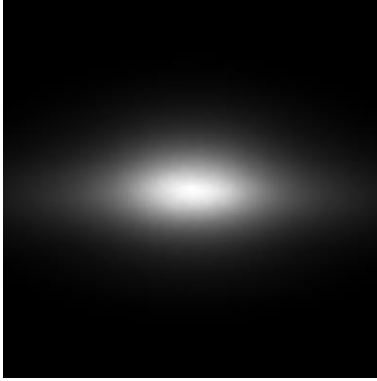
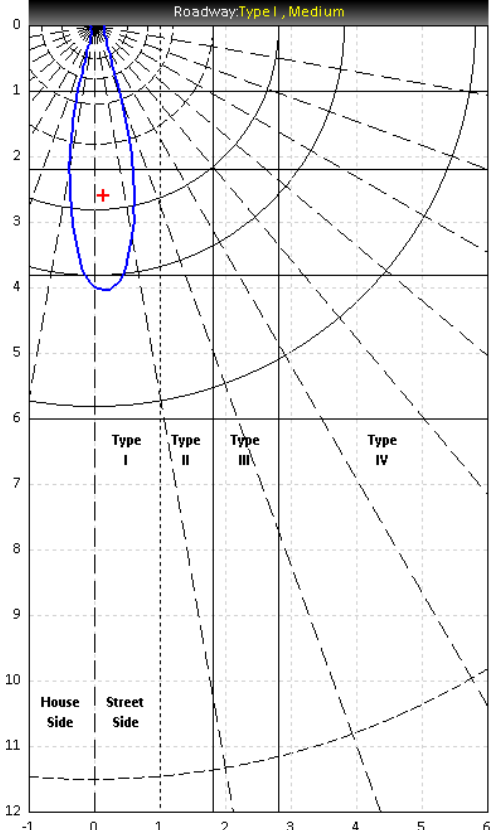
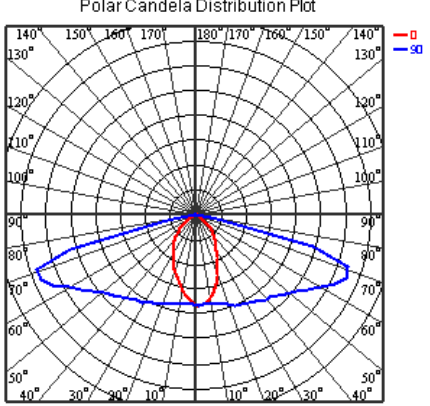
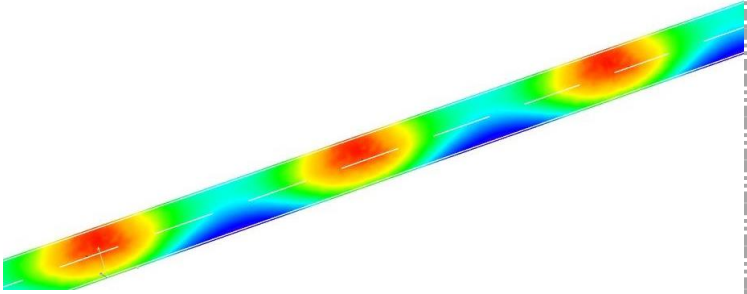
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.



HH-120-80×1-xx-PH3030

Optical Specifications

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Part Number	FWHM	Candela Distribution Type	IES File
HH-120-80×1-60150-PH3030	60×150	Type II Medium	Download
			
			
DIALux Simulation Result (two lanes、R3W3、ME4a)			
		Recommend configuration condition	
		Luminous Flux	20000lm
		Lamp Collocation	Unilateral
		Height	10m
		Distance	36m
		Roadwidth	7m
		Elevation	10°
		Overhang	1.5m
		Result	
		Lav	1.83
U ₀	0.58		
U _L	0.85		
TI(%)	12		
SR	0.66		
<p>Note: Lav-Average Luminance U₀-Brightness Uniformity U_L-Brightness longitudinal Uniformity TI-Threshold increment SR-Surround ratio</p>			



HH-120-80×1-xx-PH3030

Mechanical Specification

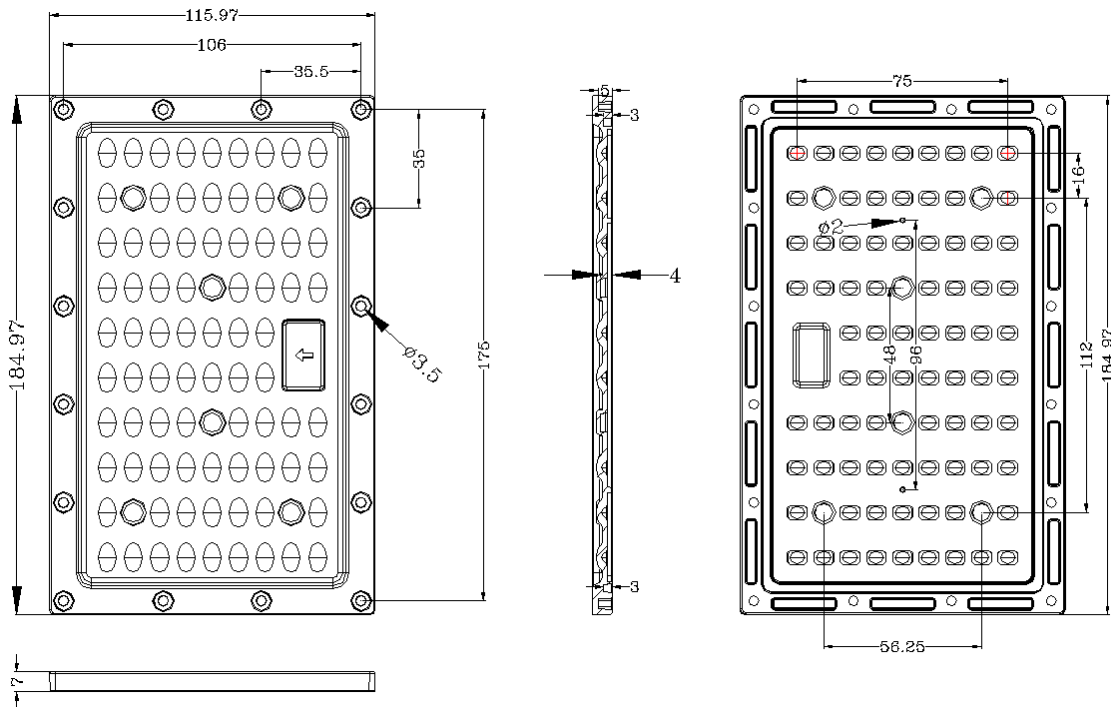
v1.0_20181122

1. Fixing method

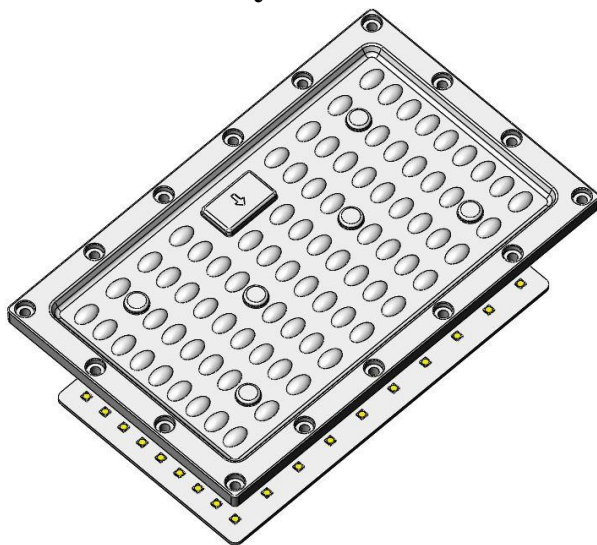
Note: (1) All dimensions are in mm.
(2) All measurements are $\pm 0.15\text{mm}$ unless otherwise indicated.

- Glue
 Screw
 Tape
 Fixing-ring
 Frame

2. Lens dimension



3. Assembly instruction



4. View assembly lens with MCPCB



HH-120-80×1-xx-PH3030

Package Specifications

v1.0_20181122

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	-	-	-	
outer box	-	-	-	

Note:

