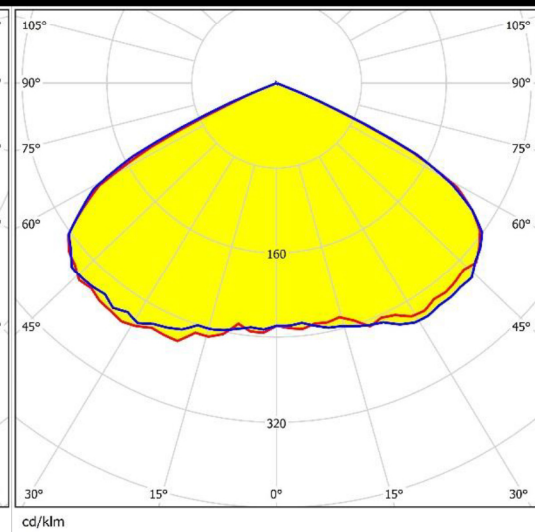
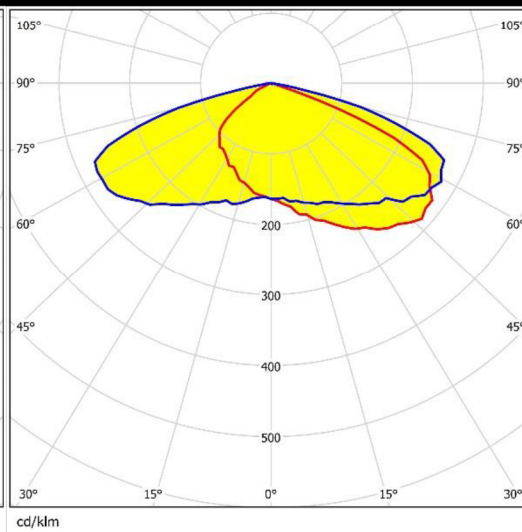
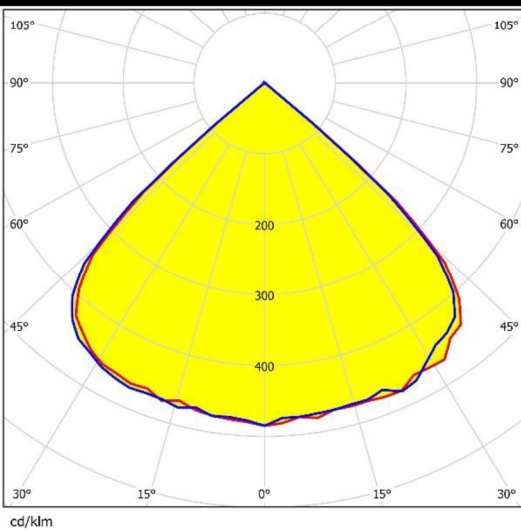
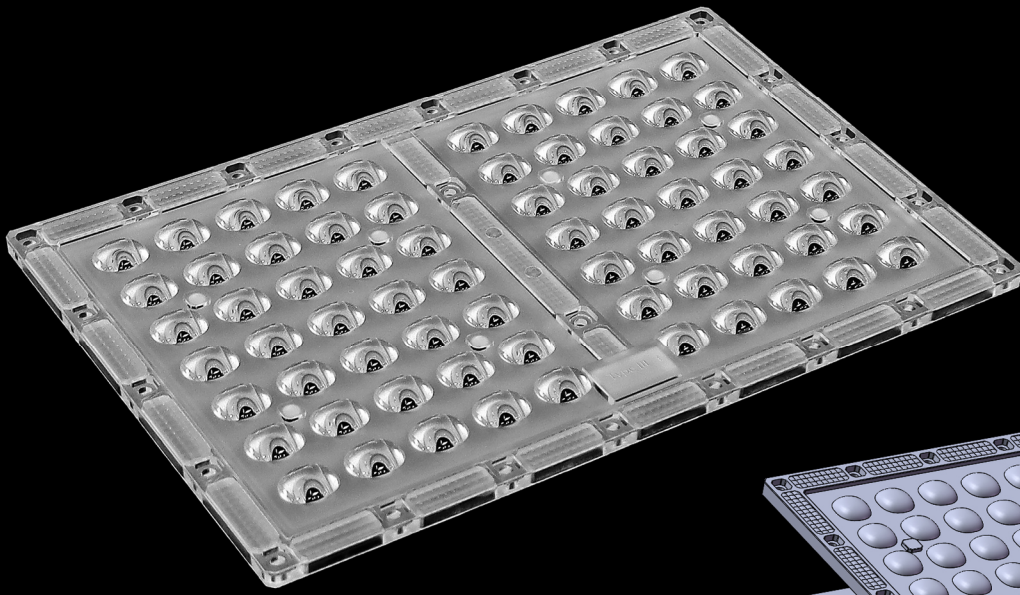


Data Sheet

HH-304-70×4-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-304-70 × 4-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-304-70×4-xx-PH3030

General Information

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◆ Features & Typical Applications

- Available with 3 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder
- Roadway Lighting
- Park Lighting
- Flood Light

◆ 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

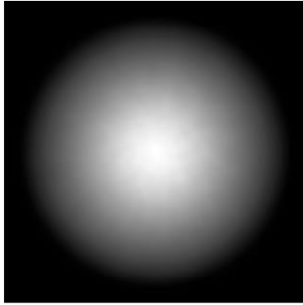
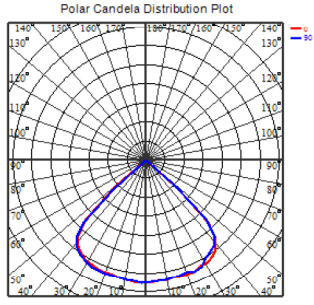
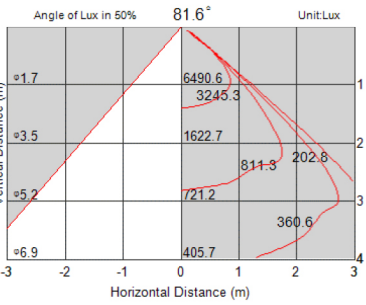
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

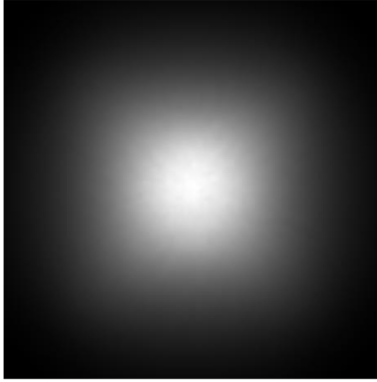
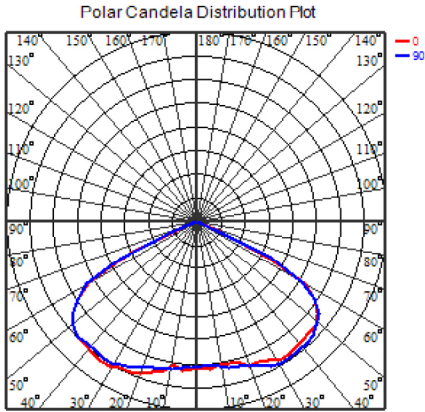
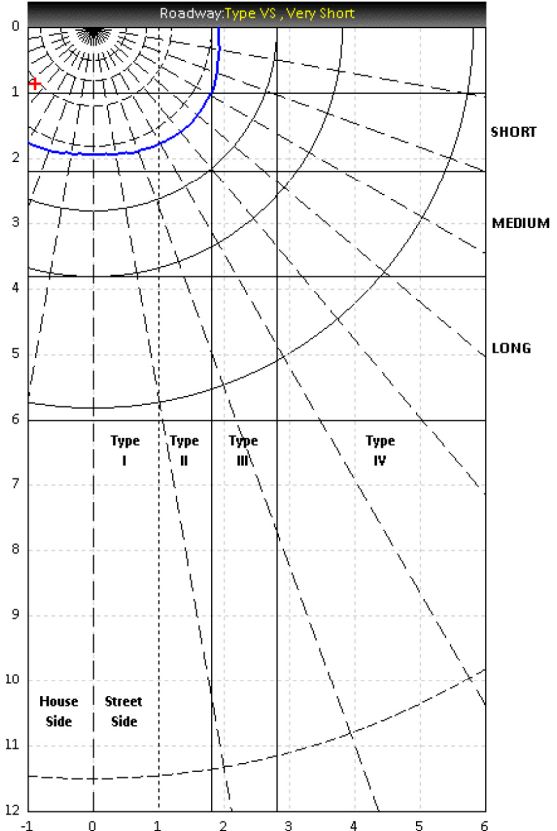


HH-304-70×4-xx-PH3030

Optical Specifications

v1.0_20190826

Part Number	FWHM	Field Angle*	cd/lm	IES File
HH-304-70×4-90-PH3030	90°	105°	0.52	Download
				
Beam Pattern	Candela Distribution	Illuminance Distribution		


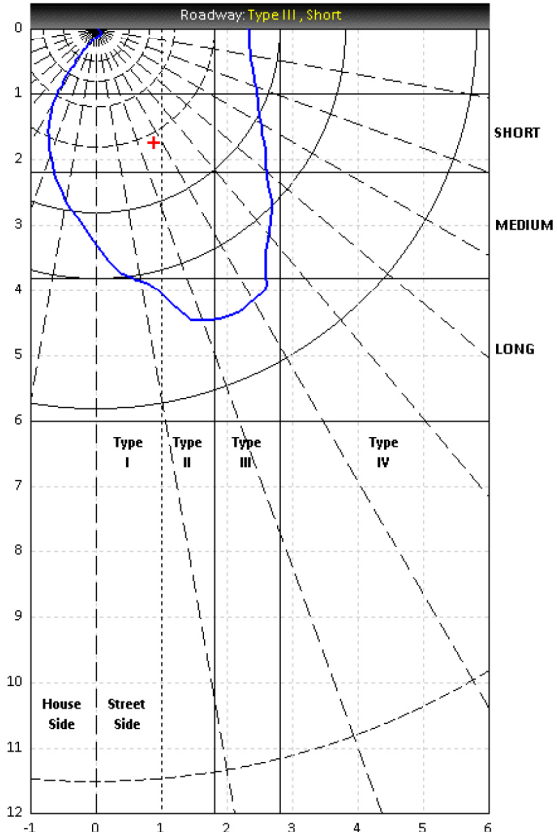
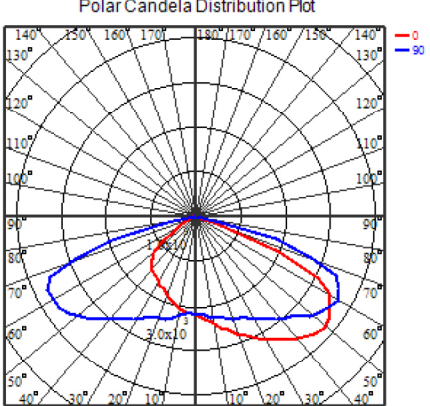
Part Number	FWHM	Candela Distribution Type	IES File
HH-304-70×4-T5-PH3030	120°	Type V	Download
			



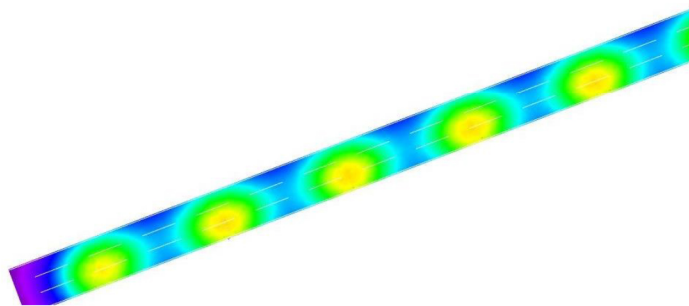
HH-304-70×4-xx-PH3030

Optical Specifications

v1.0_20190826

Part Number	FWHM	Candela Distribution Type	IES File
HH-304-70×4-T3S-PH3030	100×140	Type III Short	Download
			
			

DIALux Simulation Result (three lanes、R3W3、ME4a)



Note: Lav-Average Luminance
 U₀-Brightness Uniformity
 U_L-Brightness longitudinal Uniformity
 TI-Threshold increment
 SR-Surround ratio

Recommend configuration condition	
Luminous Flux	17500lm
Lamp Collocation	Unilateral
Height	10m
Distance	30m
Roadwidth	11.25m
Elevation	0°
Overhang	1m
Result	
Lav	1.05
U ₀	0.50
U _L	0.82
TI(%)	8
SR	0.68



HH-304-70×4-xx-PH3030

Mechanical Specification

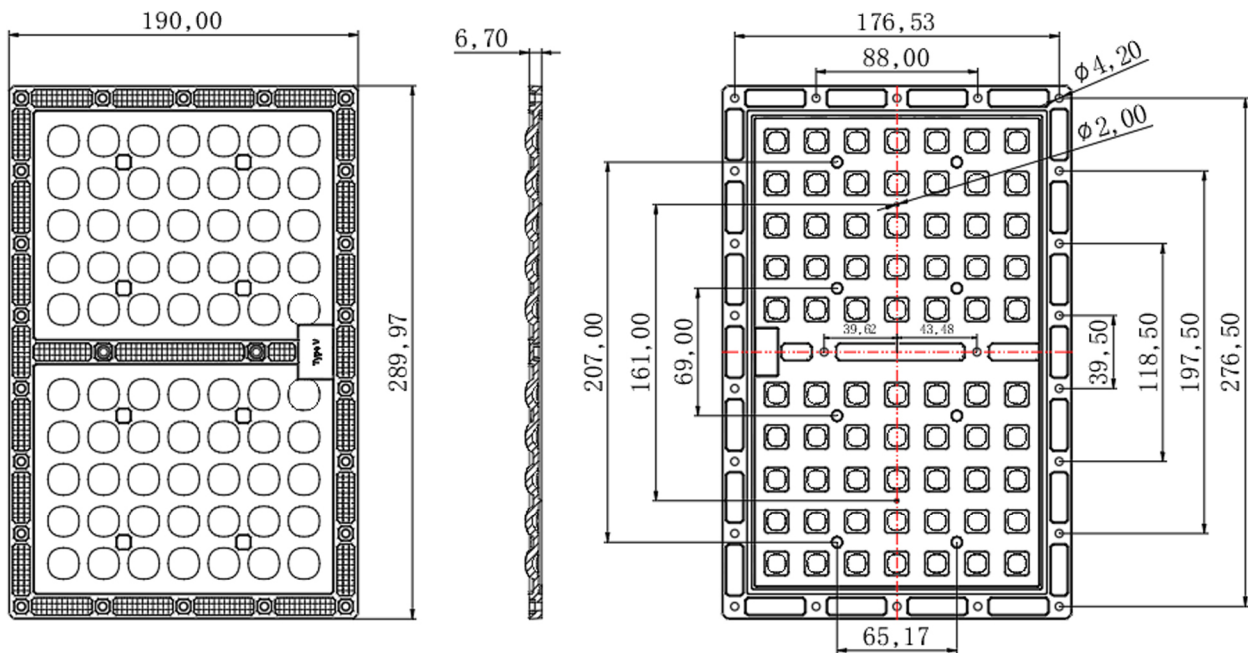
v1.0_20190826

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

1. Fixing method

- Glue
 Screw
 Tape
 Fixing-ring
 Frame

2. Lens dimension



3. Assembly instruction



4. View assembly lens with MCPCB

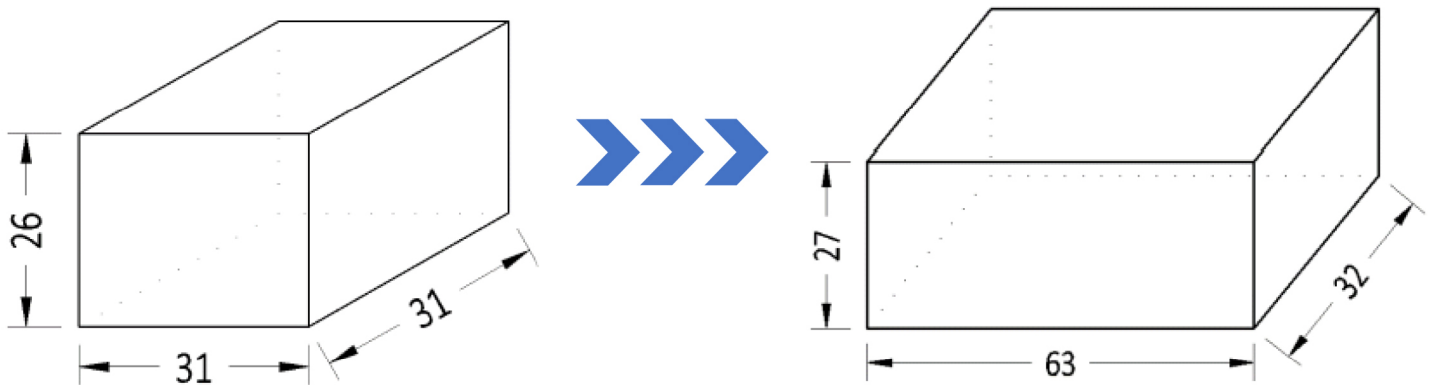


HH-304-70×4-xx-PH3030

Package Specifications

v1.0_20190826

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	2	50PCS	31*31*26cm	
outer box	1	100PCS	63*32*27cm	



Note:

