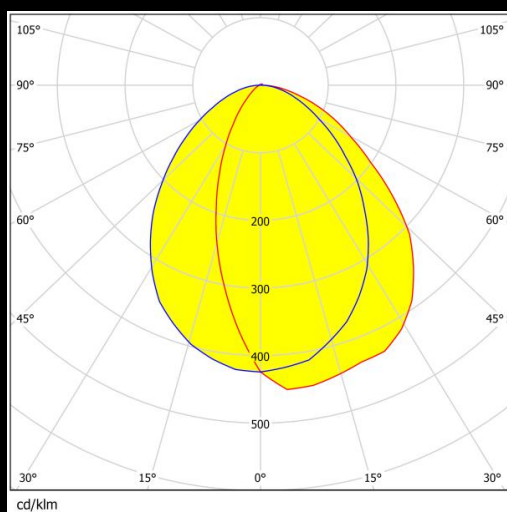
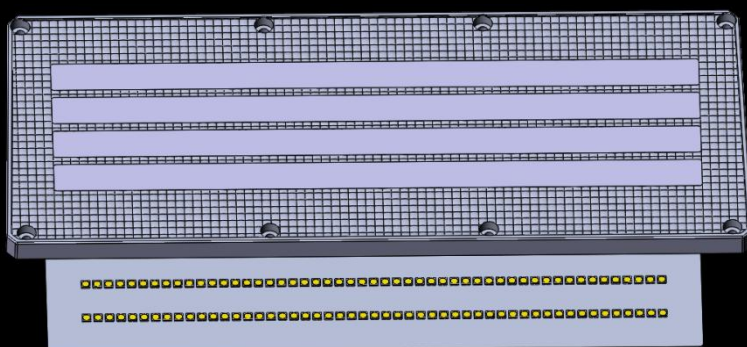
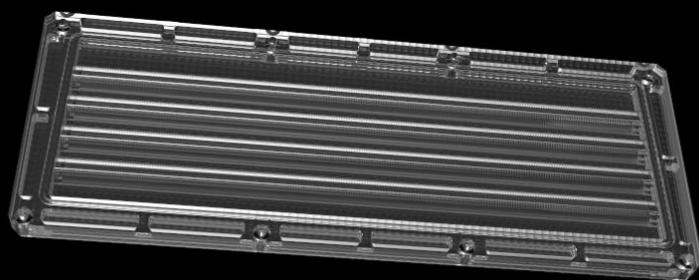


# Data Sheet

## HH-253-4-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-253-4-xx-PH3030

H1          H2          H3    H4          H5          H6

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

**H2:** Mold number

**H3:** Lens quantity

**H4:** Lens angle/type (ex: 60、90、T2M、T3M)

**H5:** LED type (ex: CREE-CR、SAMSUNG-SS、PHILIPS-PH.....)

**H6:** LED size (ex:2835、3030、3535、.....)



# HH-253-4-xx-PH3030

## General Information

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### ◆ Features & Typical Applications

- High efficiency
- optimized Uniformity
- Lens without Holder
- WallPacks

### ◆ 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

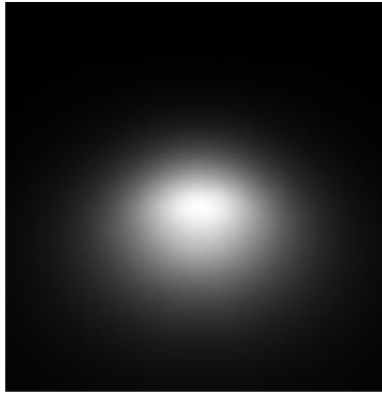
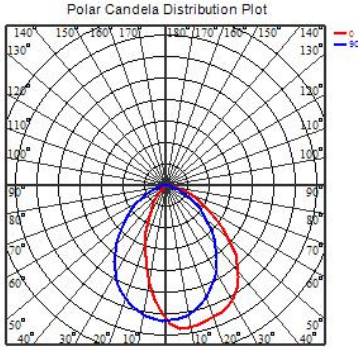
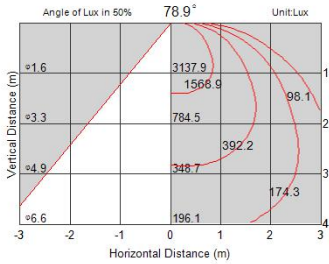
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.



# HH-253-4-xx-PH3030

## Optical Specifications

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Part Number	FWHM	Candela Distribution Type	IES File			
HH-253-4-xx-PH3030	60x85	DLC-C	<a href="#">Download</a>			
						
Beam Pattern	Candela Distribution	Illuminance Distribution				
Light Output and Zonal Lumen Distribution						
	Zone	Lumens	%Lamp	%Fixt		
	0-20	1054.04	14.30	16.90		
	0-30	2115.12	28.60	33.80		
	0-40	3279.92	44.40	52.50		
	0-60	5197.41	70.30	83.20		
	0-80	6071.5	82.10	97.20		
	0-90	6180.76	83.60	98.90		
	10-90	5892.79	79.70	94.30		
	20-40	2225.88	30.10	35.60		
	20-50	3304.54	44.70	52.90		
	40-70	2478.04	33.50	39.70		
	60-80	874.08	11.80	14.00		
	70-80	313.54	4.20	5.00		
	80-90	109.26	1.50	1.70		
	90-110	26.81	0.40	0.40		
	90-120	38.48	0.50	0.60		
	90-130	49.42	0.70	0.80		
	90-150	63.89	0.90	1.00		
	90-180	68.69	0.90	1.10		
	110-180	41.87	0.60	0.70		
	0-180	6249.45	84.50	100.00		
Primary Use Letter	Primary Use Designation	Minimum Light Output (lm)	Zone/Spacing Criteria	ZLD/SC Nominal Requirement	ZLD/SC Tolerance	ZLD/SC Requirement with Tolerance
A	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	1,000	0-90°	100%	-1%	≥99%
			80-90°	≤10%	+3%	≤13%
B	Outdoor Pole/Arm-Mounted Decorative Luminaires	1,000	0-90°	≥65%	-3%	≥62%
C	Outdoor Full-Cutoff Wall-Mounted Area Luminaires	300	0-90°	100%	-3%	≥97%
			80-90°	≤10%	+3%	≤13%





# HH-253-4-xx-PH3030

## Mechanical Specification

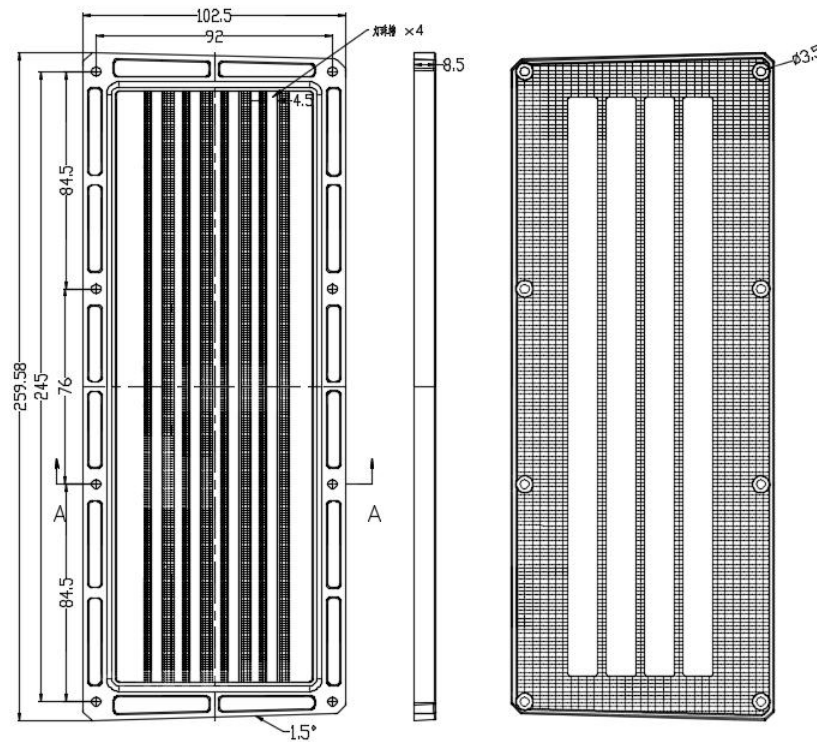
v1.0\_20181107

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

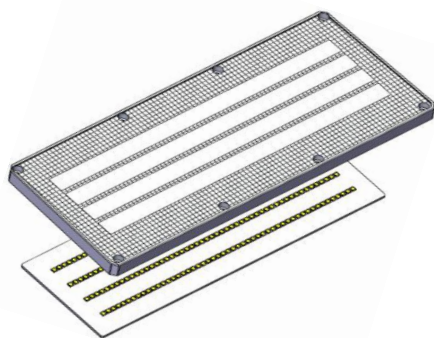
### 1. Fixing method

- Glue     
  Screw     
  Tape     
  Fixing-ring     
  Frame

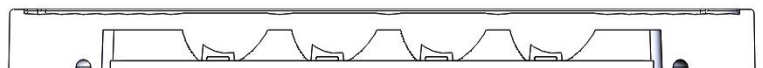
### 2. Lens dimension



### 3. Assembly instruction



### 4. View assembly lens with MCPCB

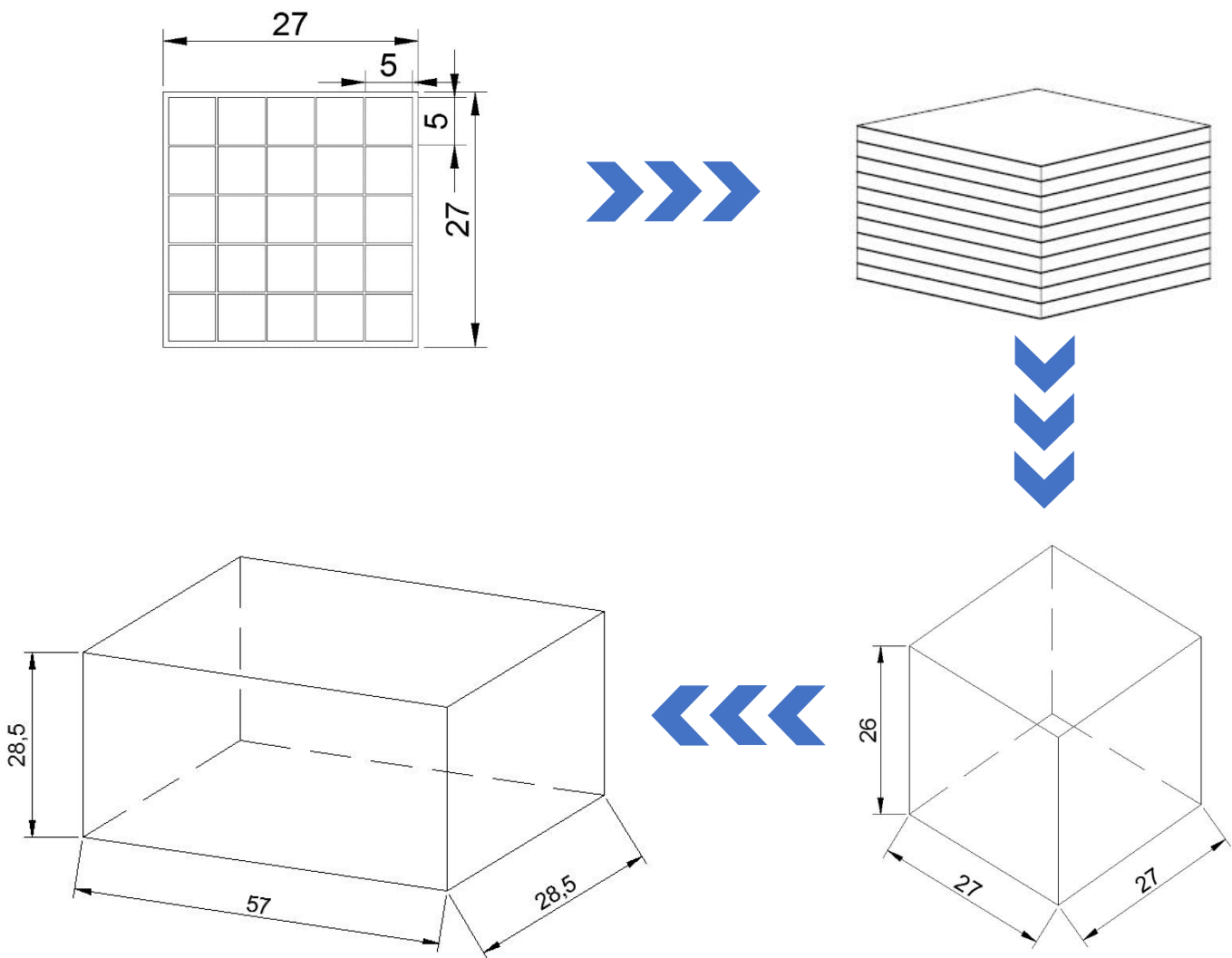


# HH-253-4-xx-PH3030

## Mechanical Specification

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Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	xx PCS/tier	xx PCS	27*27*26cm	
outer box	xx plastic box/outer box	xx PCS	57*28.5*28.5cm	



Note:

