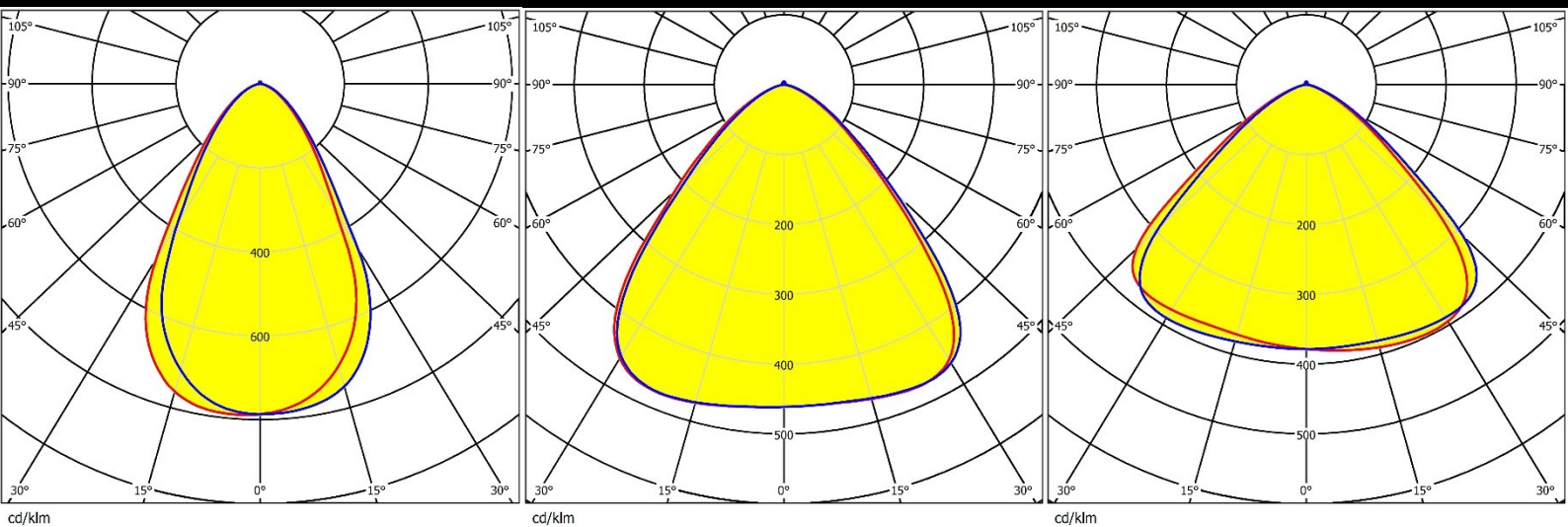
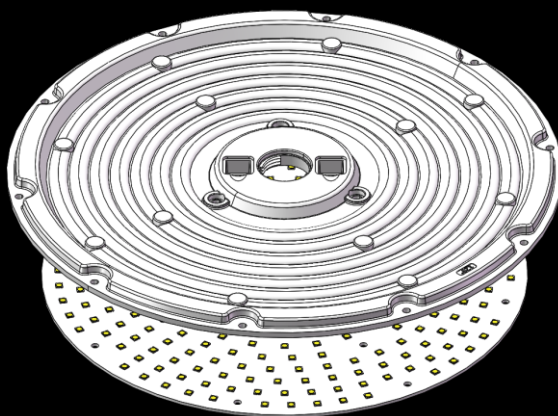
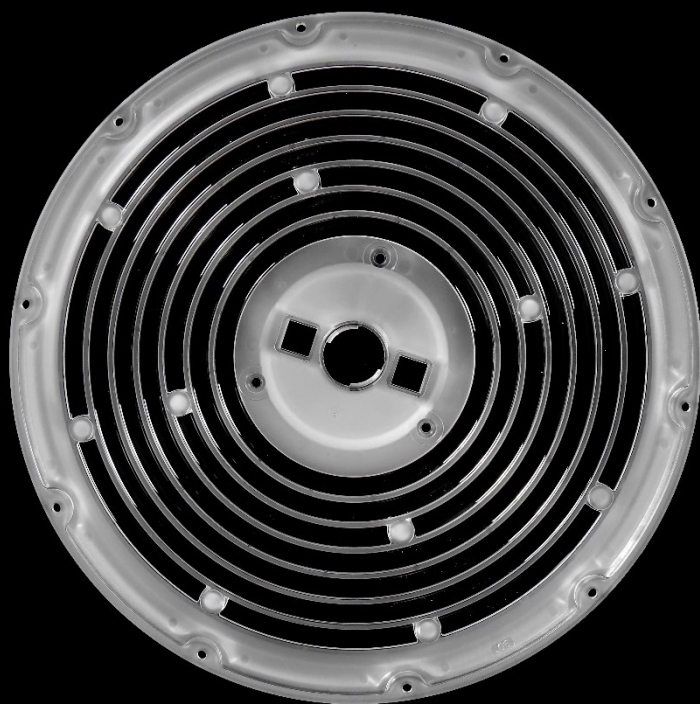


# Data Sheet

## HH-504-7-xx-PH3030



深圳市汉辉光电有限公司

Shenzhen Hanhui Photoelectricity Co., Ltd

地址：深圳市宝安区石岩街道水田社区石龙仔路71号1栋

ADD: Building 1, No. 71, Shilongzai Road, Shuitian Community,

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# Data Sheet

## catalogue

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### \*Product Nomenclature

HH-504-7-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-504-7-xx-PH3030

## General Information

v1.0\_20230224

### ◆ Features & Typical Applications

- Available with 3 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder
- High Bay 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

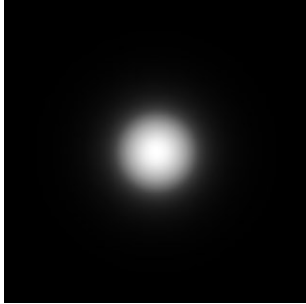
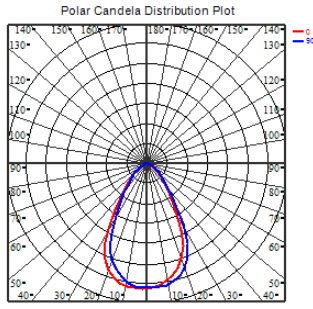
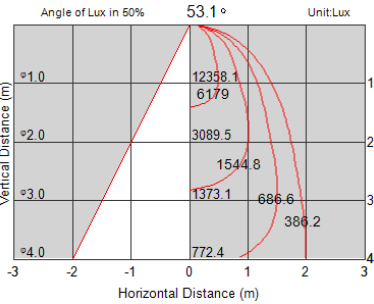
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.



# HH-504-7-xx-PH3030

## Optical Specifications

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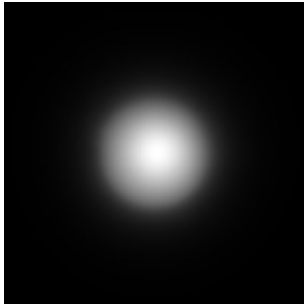
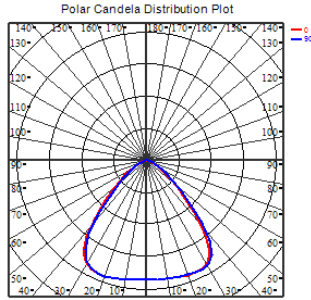
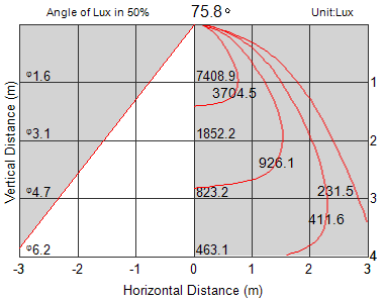
Part Number	FWHM	Field Angle*	cd/lm	IES File							
HH-504-7-60-PH3030	63°	110°	0.8	<a href="#">Download</a>							
											
Beam Pattern	Candela Distribution	Illuminance Distribution									
UGR Data											
<b>UGR Table - Corrected</b>											
Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size											
X=2H Y=2H	UGR Viewed Crosswise					UGR Viewed Endwise					
	21.1	22.3	21.5	22.6	23.0	21.6	22.8	22.0	23.1	23.5	
3H	21.9	23.0	22.3	23.3	23.7	22.6	23.7	23.0	24.0	24.4	
4H	22.0	23.0	22.5	23.4	23.8	22.9	23.9	23.3	24.3	24.7	
6H	22.0	22.9	22.4	23.3	23.7	23.0	24.0	23.5	24.3	24.8	
8H	22.0	22.8	22.4	23.2	23.7	23.0	23.9	23.5	24.3	24.8	
12H	21.9	22.7	22.4	23.2	23.6	23.0	23.9	23.5	24.3	24.7	
4H	2H	21.4	22.4	21.8	22.8	23.2	21.9	22.9	22.3	23.3	23.7
	3H	22.3	23.2	22.8	23.6	24.0	23.0	23.8	23.4	24.3	24.7
	4H	22.5	23.3	23.0	23.7	24.2	23.4	24.1	23.8	24.6	25.0
	6H	22.5	23.2	23.0	23.6	24.1	23.6	24.2	24.1	24.7	25.2
	8H	22.5	23.1	23.0	23.5	24.0	23.6	24.2	24.1	24.7	25.2
	12H	22.4	23.0	22.9	23.5	24.0	23.6	24.1	24.1	24.6	25.1
8H	4H	22.6	23.2	23.1	23.6	24.1	23.4	24.0	23.9	24.5	25.0
	6H	22.6	23.1	23.1	23.6	24.1	23.6	24.1	24.1	24.6	25.1
	8H	22.5	23.0	23.1	23.5	24.0	23.7	24.1	24.2	24.6	25.2
	12H	22.5	22.9	23.0	23.4	24.0	23.7	24.1	24.2	24.6	25.2
12H	4H	22.5	23.1	23.0	23.6	24.1	23.4	23.9	23.9	24.4	24.9
	6H	22.5	23.0	23.1	23.5	24.0	23.6	24.0	24.1	24.5	25.1
	8H	22.5	22.9	23.0	23.4	24.0	23.7	24.0	24.2	24.5	25.1
Maximum UGR = 25.2											



# HH-504-7-xx-PH3030

## Optical Specifications

v1.0\_20230224

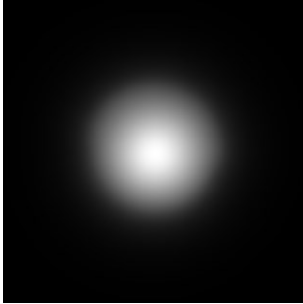
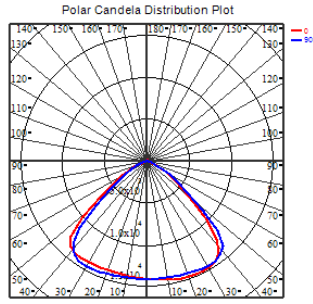
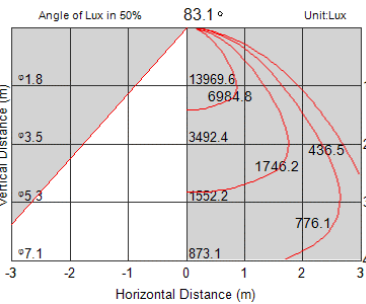
Part Number	FWHM	Field Angle*	cd/lm	IES File						
HH-504-7-90-PH3030	87°	127°	0.48	<a href="#">Download</a>						
										
Beam Pattern	Candela Distribution	Illuminance Distribution								
UGR Data										
<u>UGR Table - Corrected</u>										
Reflectances										
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20
Room Size										
X=2H Y=2H	UGR Viewed Crosswise					UGR Viewed Endwise				
3H	22.8	24.1	23.2	24.5	24.8	23.2	24.5	23.6	24.8	25.2
4H	23.4	24.6	23.8	24.9	25.3	23.9	25.1	24.3	25.4	25.8
6H	23.5	24.6	23.9	25.0	25.4	24.1	25.2	24.5	25.5	25.9
8H	23.5	24.5	23.9	24.9	25.3	24.1	25.2	24.6	25.5	26.0
12H	23.4	24.4	23.9	24.8	25.2	24.2	25.1	24.6	25.5	25.9
12H	23.4	24.3	23.8	24.7	25.1	24.1	25.0	24.6	25.4	25.9
4H 2H	23.0	24.1	23.4	24.5	24.9	23.4	24.5	23.8	24.8	25.3
4H 3H	23.7	24.6	24.1	25.0	25.5	24.2	25.1	24.6	25.5	26.0
4H 4H	23.8	24.6	24.3	25.1	25.5	24.5	25.3	24.9	25.7	26.2
4H 6H	23.8	24.5	24.3	25.0	25.5	24.6	25.3	25.1	25.7	26.2
4H 8H	23.8	24.4	24.3	24.9	25.4	24.6	25.2	25.1	25.7	26.2
4H 12H	23.7	24.3	24.2	24.8	25.3	24.6	25.1	25.1	25.6	26.1
8H 4H	23.8	24.5	24.3	24.9	25.4	24.5	25.1	24.9	25.6	26.1
8H 6H	23.8	24.3	24.3	24.8	25.3	24.6	25.1	25.1	25.6	26.2
8H 8H	23.7	24.2	24.3	24.7	25.2	24.6	25.1	25.1	25.6	26.1
8H 12H	23.7	24.1	24.2	24.6	25.2	24.6	25.0	25.1	25.5	26.1
12H 4H	23.8	24.4	24.3	24.9	25.3	24.4	25.0	24.9	25.5	26.0
12H 6H	23.7	24.2	24.3	24.7	25.3	24.6	25.0	25.1	25.5	26.1
12H 8H	23.7	24.1	24.2	24.6	25.2	24.6	25.0	25.1	25.5	26.1
Maximum UGR = 26.2										



# HH-504-7-xx-PH3030

## Optical Specifications

v1.0\_20230224

Part Number	FWHM	Field Angle*	cd/lm	IES File							
HH-504-7-120-PH3030	101°	134°	0.4	<a href="#">Download</a>							
											
Beam Pattern	Candela Distribution	Illuminance Distribution									
UGR Data											
<u>UGR Table - Corrected</u>											
Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size											
X=2H Y=2H	UGR Viewed Crosswise					UGR Viewed Endwise					
	23.8	25.2	24.2	25.6	25.9	24.3	25.8	24.7	26.1	26.4	
3H	24.2	25.5	24.6	25.9	26.3	24.8	26.1	25.2	26.5	26.9	
4H	24.3	25.5	24.7	25.9	26.3	24.9	26.1	25.4	26.5	26.9	
6H	24.3	25.4	24.7	25.8	26.2	25.0	26.1	25.4	26.5	26.9	
8H	24.3	25.3	24.7	25.7	26.1	25.0	26.0	25.4	26.4	26.8	
12H	24.2	25.2	24.7	25.6	26.1	25.0	25.9	25.4	26.3	26.8	
4H	2H	24.0	25.2	24.4	25.5	25.9	24.5	25.7	24.9	26.1	26.5
	3H	24.6	25.5	25.0	26.0	26.4	25.2	26.1	25.6	26.5	27.0
	4H	24.7	25.5	25.1	26.0	26.5	25.3	26.1	25.7	26.6	27.0
	6H	24.7	25.4	25.2	25.9	26.4	25.4	26.1	25.8	26.6	27.1
	8H	24.6	25.3	25.1	25.8	26.3	25.3	26.0	25.8	26.5	27.0
	12H	24.6	25.2	25.1	25.7	26.2	25.3	26.0	25.8	26.5	26.9
8H	4H	24.7	25.4	25.1	25.8	26.3	25.3	26.0	25.7	26.4	26.9
	6H	24.7	25.2	25.2	25.8	26.3	25.4	25.9	25.9	26.4	26.9
	8H	24.6	25.1	25.1	25.7	26.2	25.3	25.9	25.9	26.4	26.9
	12H	24.6	25.0	25.1	25.6	26.1	25.3	25.8	25.9	26.3	26.9
12H	4H	24.6	25.3	25.1	25.8	26.3	25.2	25.9	25.7	26.4	26.9
	6H	24.6	25.1	25.2	25.6	26.2	25.3	25.8	25.8	26.3	26.9
	8H	24.6	25.1	25.1	25.6	26.2	25.3	25.8	25.8	26.3	26.9
Maximum UGR = 27.1											



# HH-504-7-xx-PH3030

## Mechanical Specification

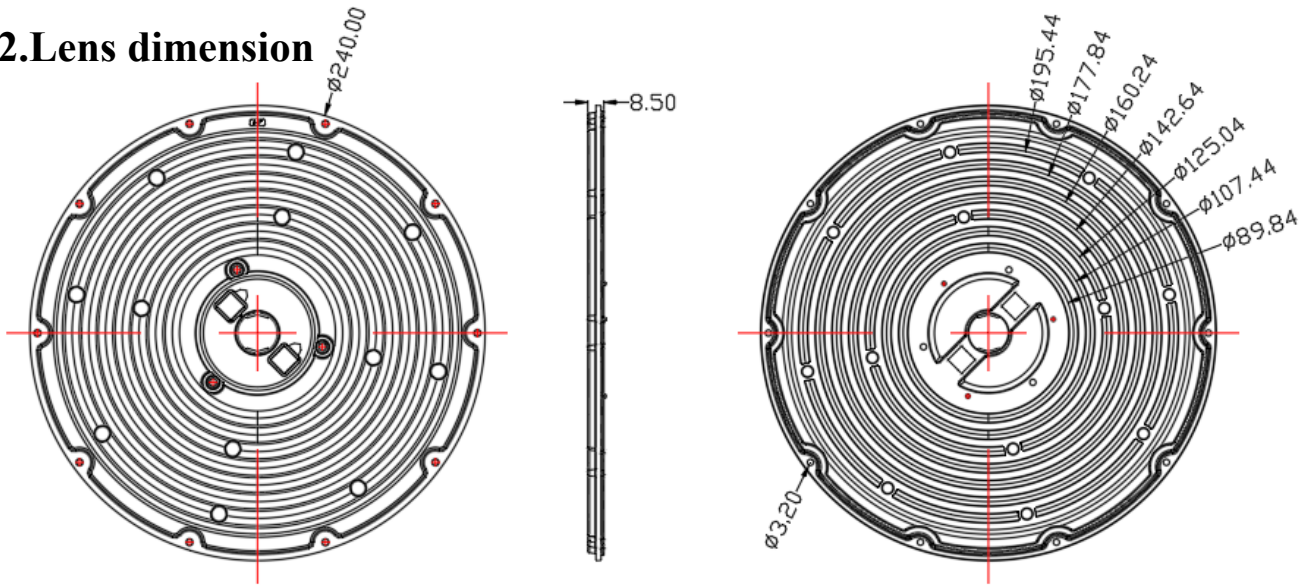
v1.0\_20230224

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

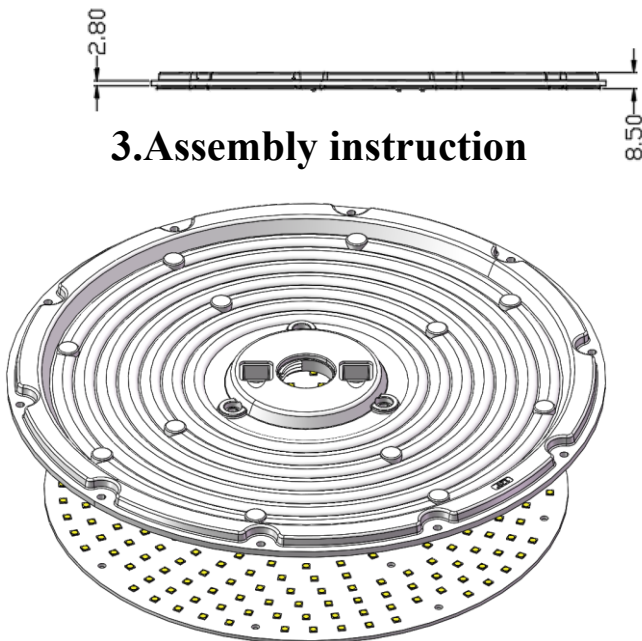
### 1. Fixing method

- Glue       Screw       Tape       Fixing-ring       Frame

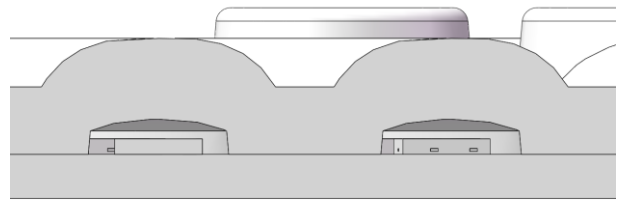
### 2. Lens dimension



### 3. Assembly instruction



### 4. View assembly lens with MCPCB



# HH-504-7-xx-PH3030

## Package Specifications

v1.0\_20230224

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



Note:

