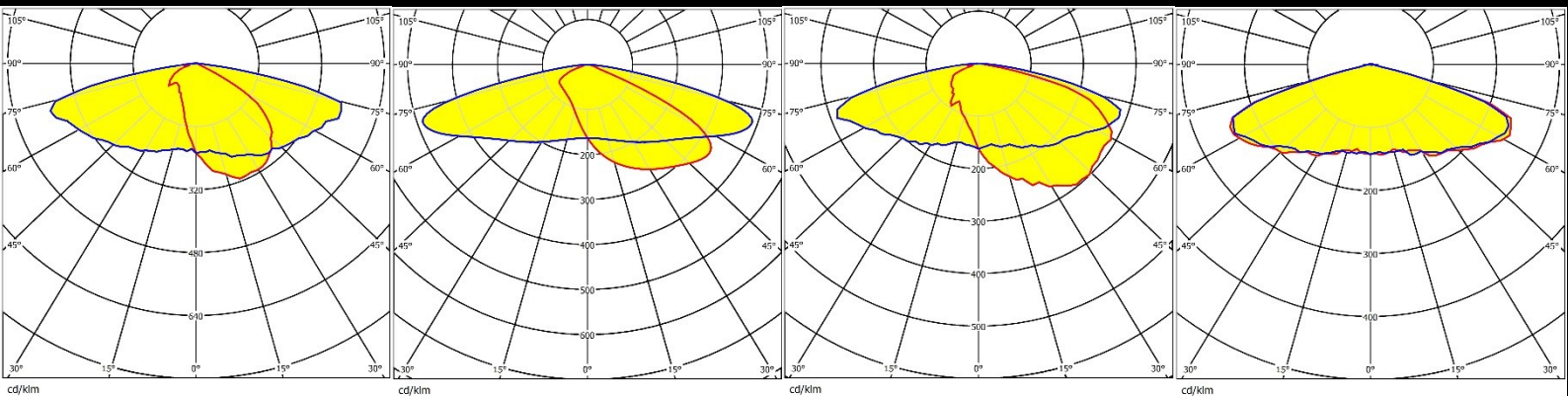
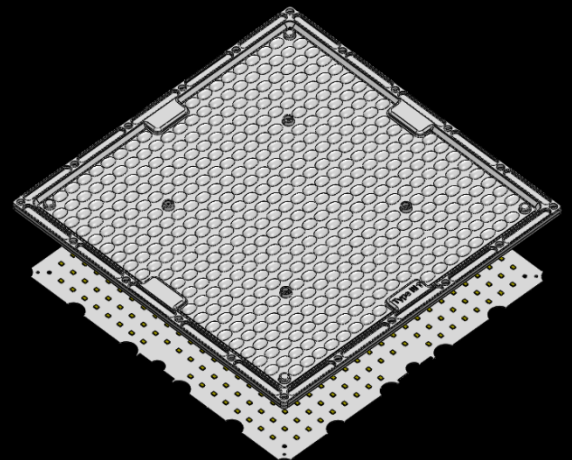
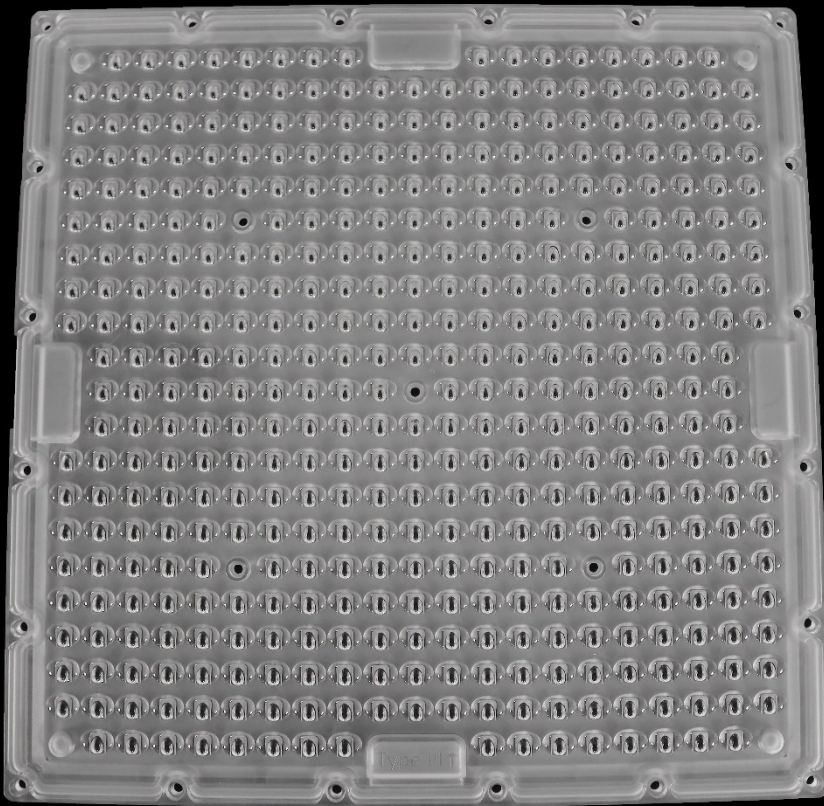


Data Sheet

HH-524-420×1-xx-PH2835



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,
Shiyan Street, Bao'an District, Shenzhen, China

TEL:86-755-29232420 FAX:86-755-83723765
<http://www.szhanhui.com> <http://linsen4880.1688.com>



Data Sheet

catalogue

General Information	P.1
Optical Specifications	P.2-5
Mechanical Specifications.....	P.6
Package Specifications	P.7

*Product Nomenclature

HH-524-420 × 1-xx-PH2835

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-524-420×1-xx-PH2835

General Information

v1.0_20230119

◆ Features & Typical Applications

- Available with 4 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.

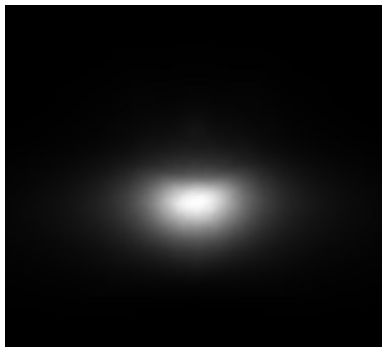


HH-524-420×1-xx-PH2835

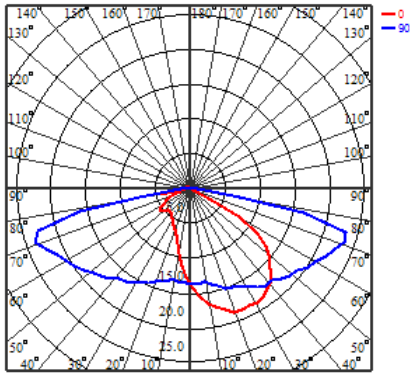
Optical Specifications

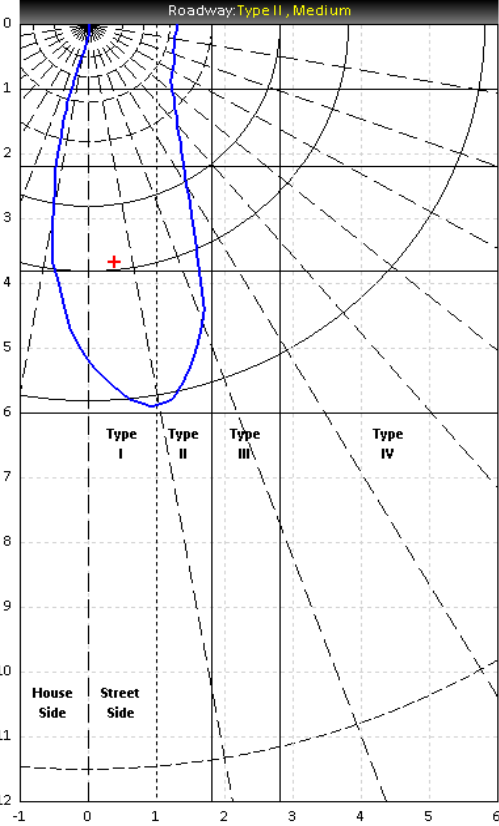
v1.0_20230119

产品型号	半光强角	配光类型	IES 文件
HH-524-420×1-T2M-PH2835	70×160	T2-M	下载

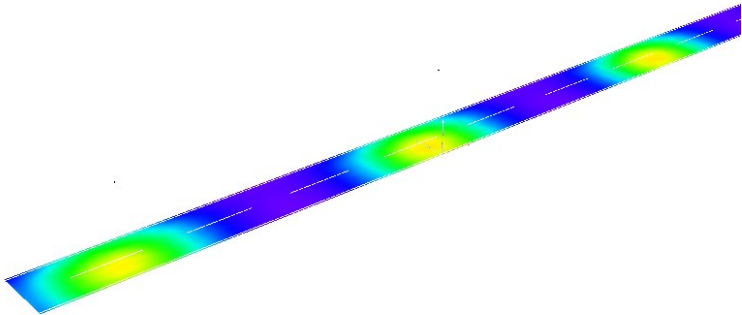


Polar Candela Distribution Plot





道路模拟结果（两车道、R3W3、ME4a）

	推荐配置参数	
	光通量	15000lm
	布灯方式	单侧排列
	安装高度	10m
	灯杆距离	40m
	道路宽度	7.5m
	灯具仰角	0°
突出部分	1m	
道路模拟参数		
Lav	1.30	
U ₀	0.47	
U _L	0.72	
TI(%)	11	
SR	0.61	

注：Lav-平均亮度
 U₀-亮度总均匀度
 U_L-亮度纵向均匀度
 TI-眩光阈值增量
 SR-环境比

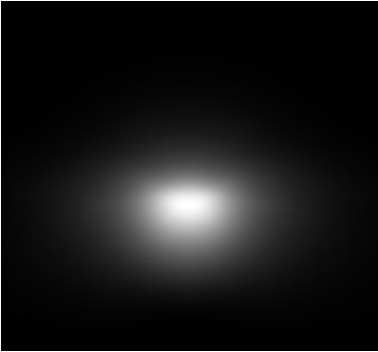


HH-524-420×1-xx-PH2835

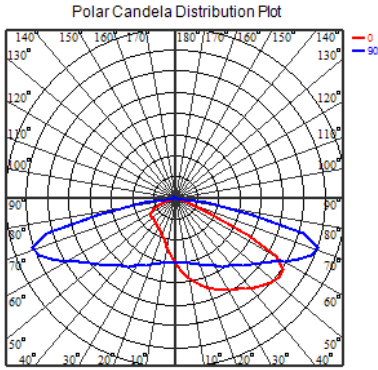
Optical Specifications

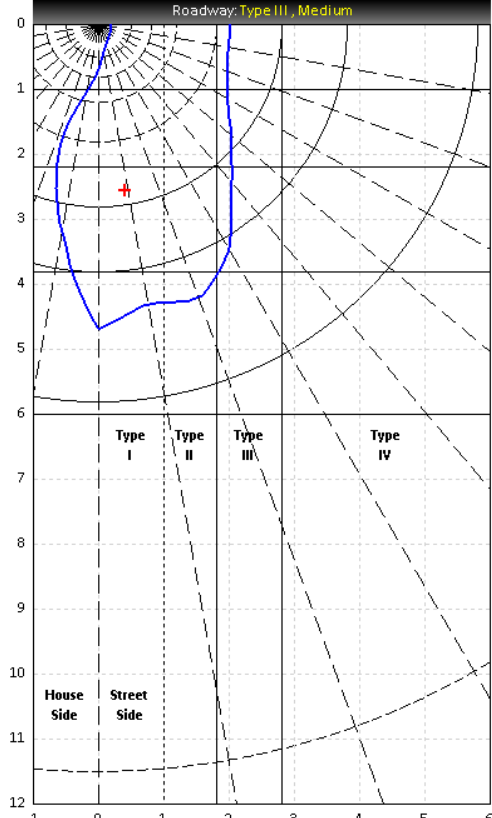
v1.0_20230119

产品型号	半光强角	配光类型	IES 文件
HH-524-420×1-T3M-PH2835	62×160	T3-M	下载



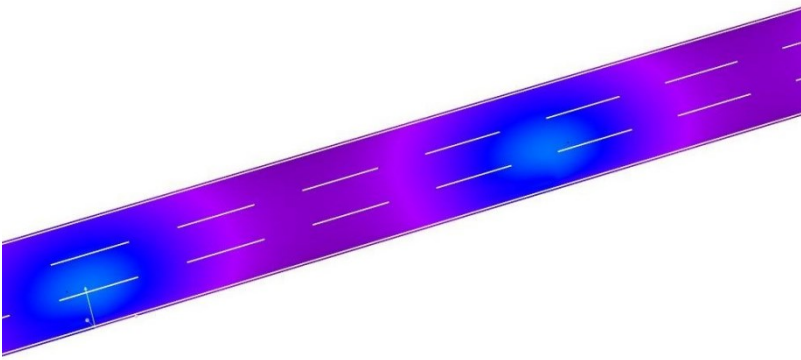
Polar Candela Distribution Plot





Roadway: Type III, Medium

道路模拟结果（三车道、R3W3、ME4a）

	推荐配置参数	
	光通量	20121lm
	布灯方式	单侧排列
	安装高度	12m
	灯杆距离	48m
	道路宽度	11.25m
	灯具仰角	0°
突出部分	1m	
道路模拟参数		
Lav	0.91	
U ₀	0.45	
U _L	0.78	
TI(%)	13	
SR	0.66	

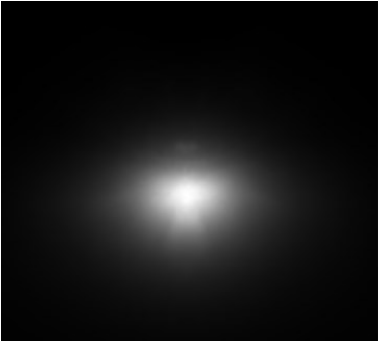
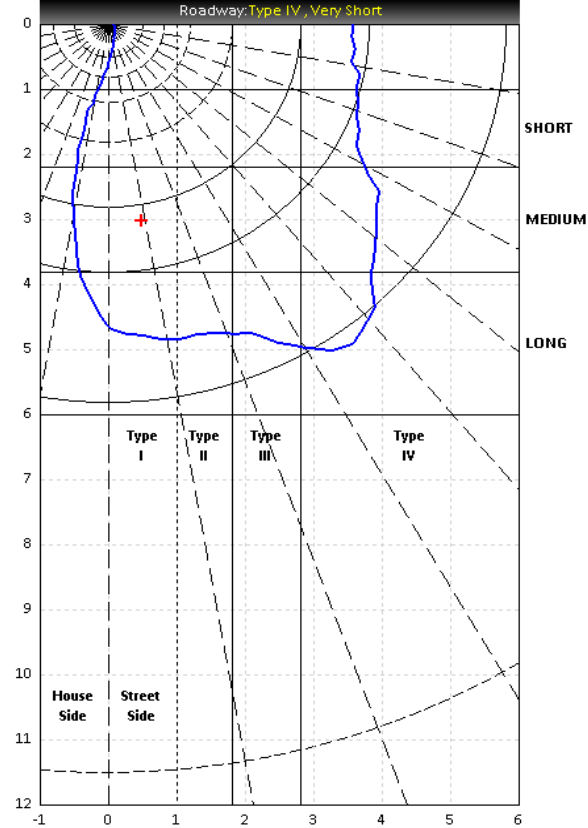
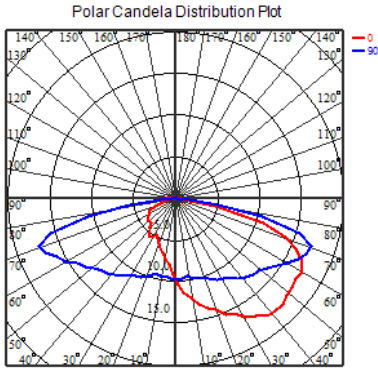
注：Lav-平均亮度
U₀-亮度总均匀度
U_L-亮度纵向均匀度
TI-眩光阈值增量
SR-环境比



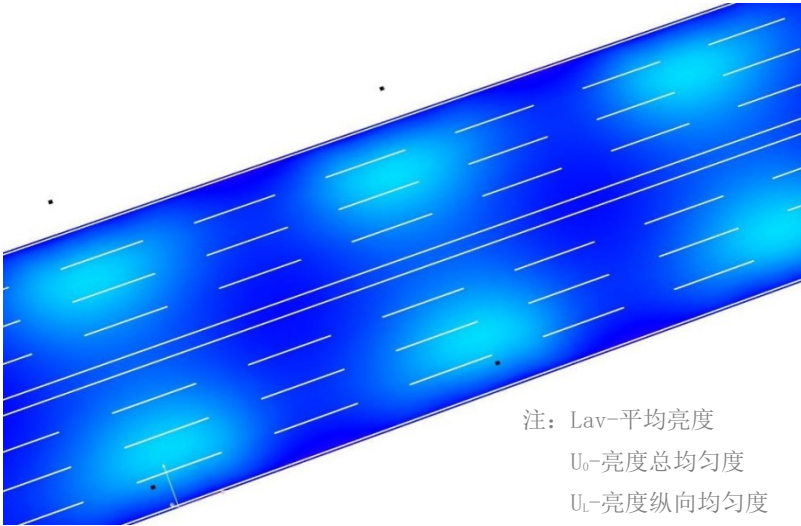
HH-524-420×1-xx-PH2835

Optical Specifications

v1.0_20230119

产品型号	半光强角	配光类型	IES 文件
HH-524-420×1-T4M-PH2835	70×162	T4-M	下载
			
			

道路模拟结果（双向八车道、R3W3、ME4a）

	推荐配置参数	
	光通量	19140lm
	布灯方式	双排相对
	安装高度	12m
	灯杆距离	30m
	道路宽度	30m
	灯具仰角	0°
突出部分	1m	
道路模拟参数		
Lav	1.32	
U ₀	0.62	
U _L	0.87	
TI(%)	11	
SR	0.79	


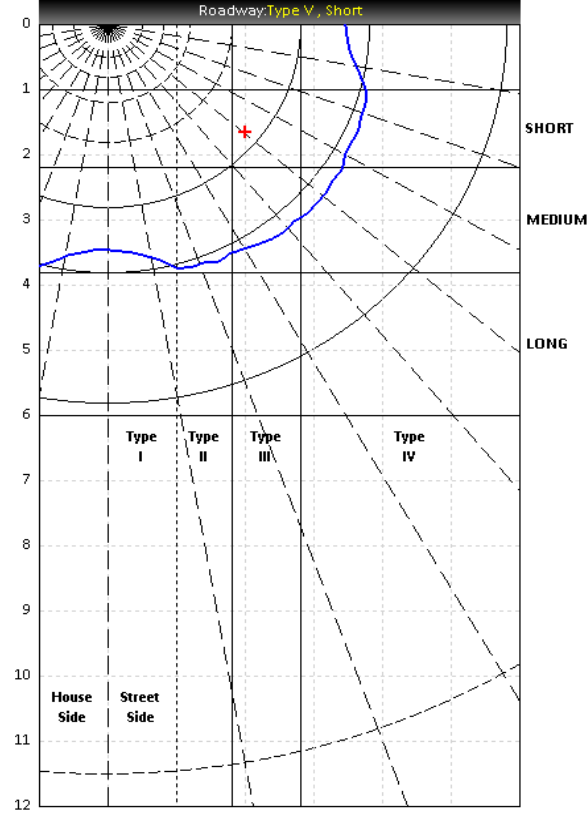
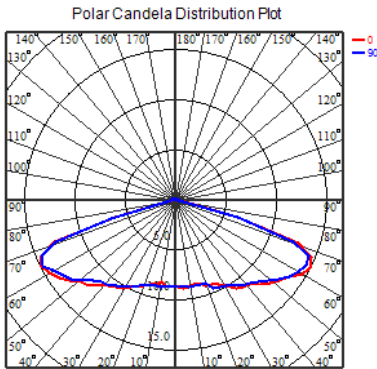
注：Lav-平均亮度
 U₀-亮度总均匀度
 U_L-亮度纵向均匀度
 TI-眩光阈值增量
 SR-环境比



HH-524-420×1-xx-PH2835

Optical Specifications

v1.0_20230119

产品型号	半光强角	配光类型	IES 文件
HH-524-420×1-T5S-PH2835	164×164	T5-S	下载
			
			



HH-524-420×1-xx-PH2835

Mechanical Specification

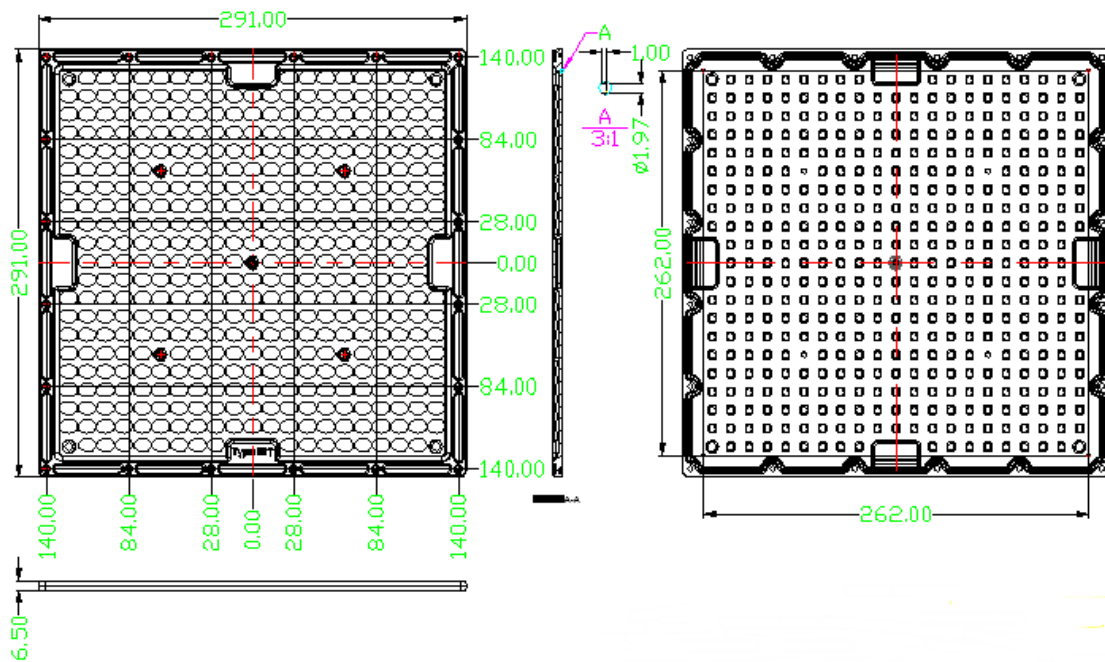
v1.0_20230119

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

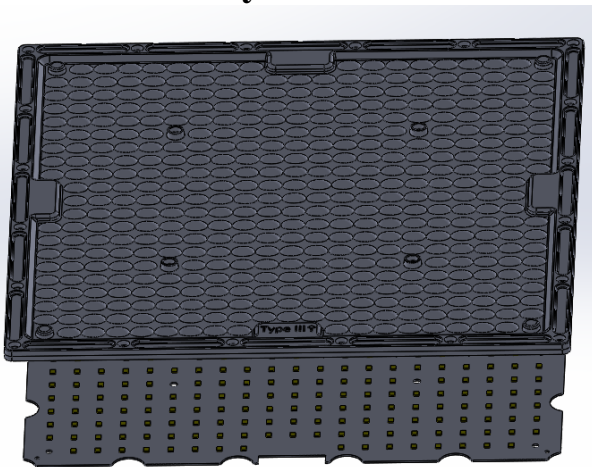
1. Fixing method

- Glue
 Screw
 Tape
 Fixing-ring
 Frame

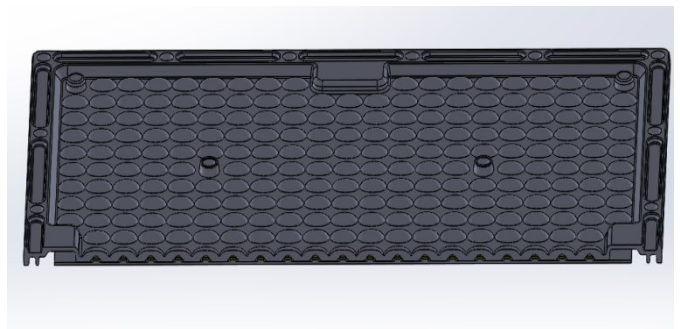
2. Lens dimension



3. Assembly instruction



4. View assembly lens with MCPCB



HH-524-420×1-xx-PH2835

Package Specifications

v1.0_20230119

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



Note:

