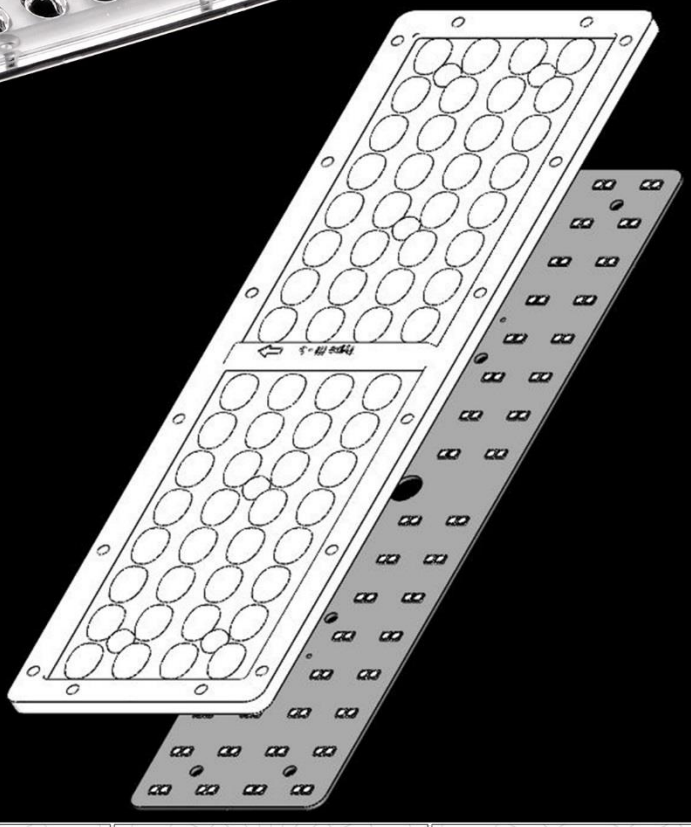
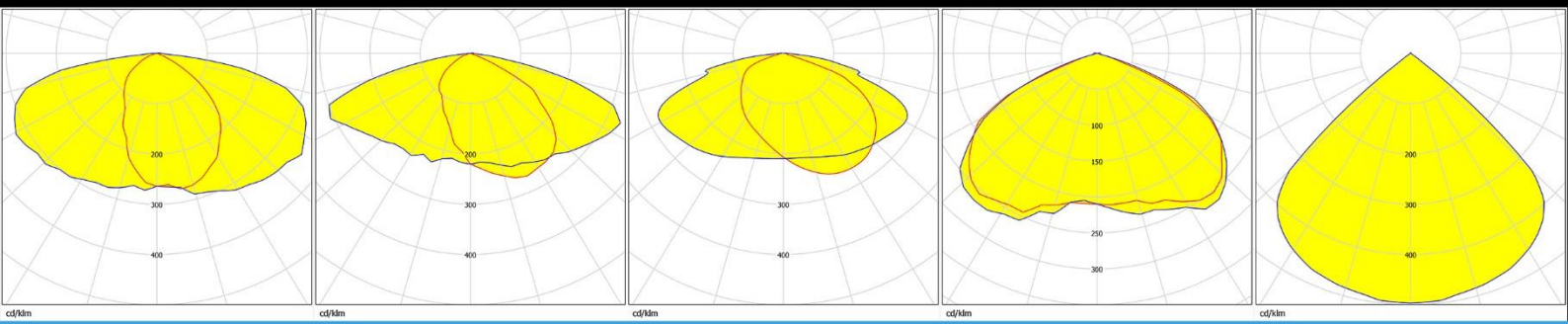
HANHUI® 汉辉

让 光 更 完 美

Data Sheet

HH-150-64×2-xx-PH3030





深圳市汉辉光电有限公司

shenzhen hanhui photoelectric co.,Ltd.

地址：深圳市宝安区石岩街道石龙仔社区恒昌荣高科科技园3栋3楼

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park shiyan,shilong community,Bao'an District,shenzhen,china

TEL:86-755-29232420 FAX:86-755-83723765

http://www.szhanhui.com http://linsen4880.1688.com

Data Sheet
catalogue

HANHUI 汉辉 让光更完美

v1.0_20181009

***Product Nomenclature**

HH-150-64×2-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、……）

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china

TEL : 86-755-29232420 FAX : 86-755-83723765

http://www.szhanhui.com http://linsen4880.1688.com

HH-150-64×2-xx-PH3030
General Information

v1.0_20181009

Features & Typical Applications

- Available with 5 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder

- Roadway Lighting
- Park Lighting
- Flood Lighting

Material Information

Lens Material: PC 1225Z

Operating Temperature range -40℃~+110℃(upper limit +120℃).

Storage Temperature range -40℃~+110℃(upper limit +120℃).

*Average transmittance in visible spectrum 400nm~700nm>90%.

Usage and Maintenance

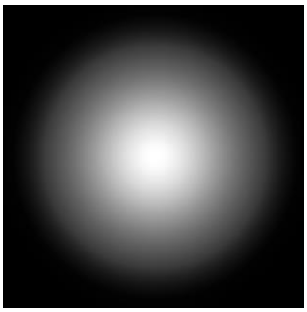
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

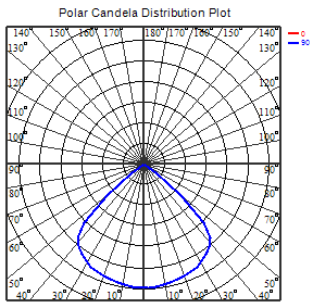
HH-150-64×2-xx-PH3030
Optical Specifications

v1.0_20181009

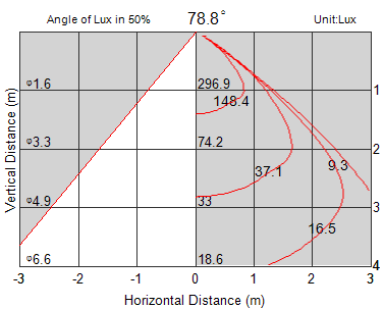
Part Number	FWHM	Field Angle*	cd/lm	IES File
HH-150-64×2-90-PH3030	96°	107°	0.52	Download



Beam Pattern

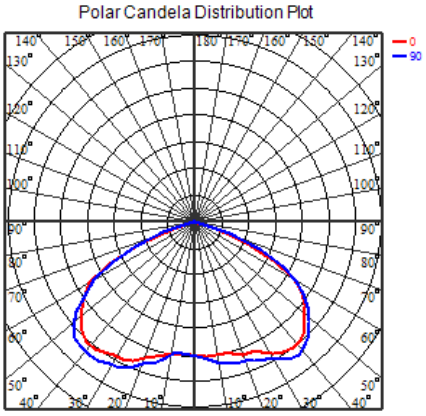


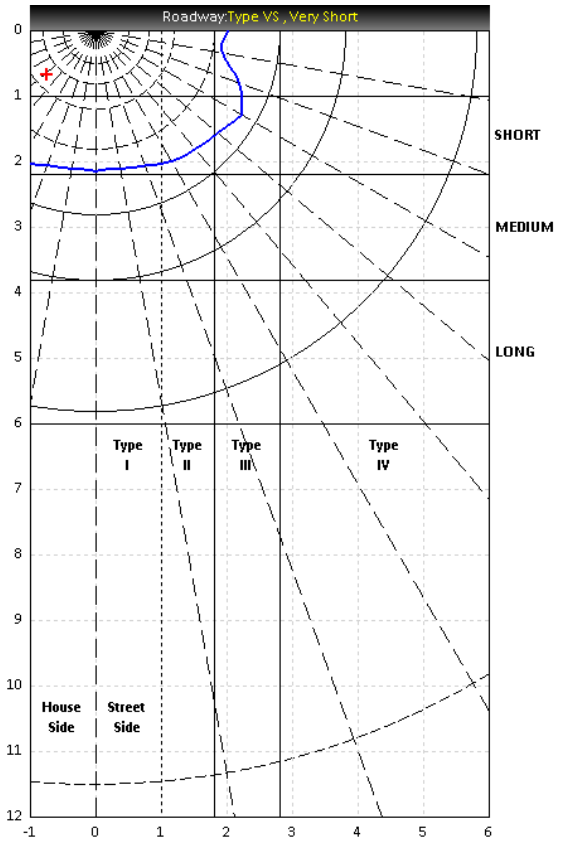
Candela Distribution



Illuminance Distribution

Part Number	FWHM	Candela Distribution Type	IES File
HH-150-64×2-T5S- PH3030	130°	Type V Short	download





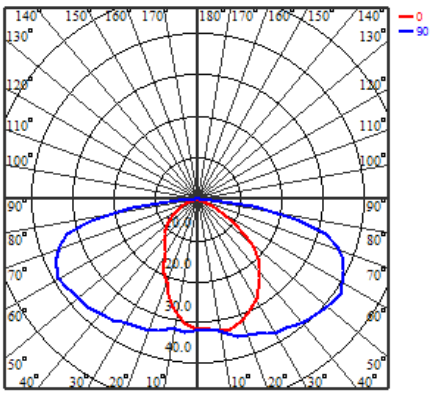
ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

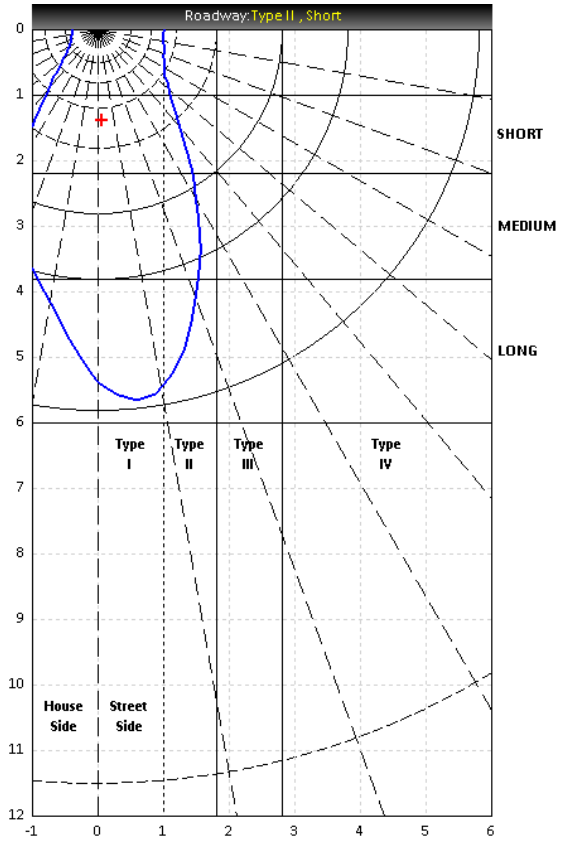
HH-150-64×2-xx-PH3030
Optical Specifications

v1.0_20181009

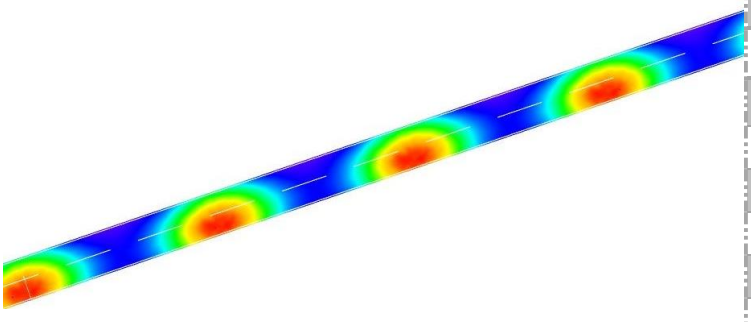
Part Number	FWHM	Candela Distribution Type	IES File
HH-150-64×2-T2S- PH3030	80×160	Type II Short	Download

Polar Candela Distribution Plot





DIALux Simulation Result （two lanes、R3W3、ME4a）



Note：Lav-Average Luminance
U_0-Brightness Uniformity
U_L-Brightness longitudinal Uniformity
TI-Threshold increment
SR-Surround ratio

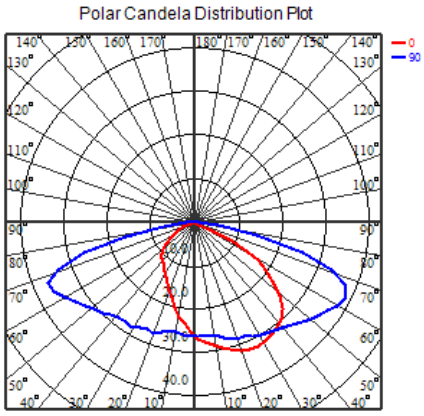
Recommend configuration condition	
Luminous Flux	150001m
Lamp Collocation	Unilateral
Height	10m
Distance	35m
Roadwidth	7.5m
Elevation	0°
Overhang	1m
Result	
Lav	1.30
U_0	0.44
U_L	0.78
TI(%)	10
SR	0.67

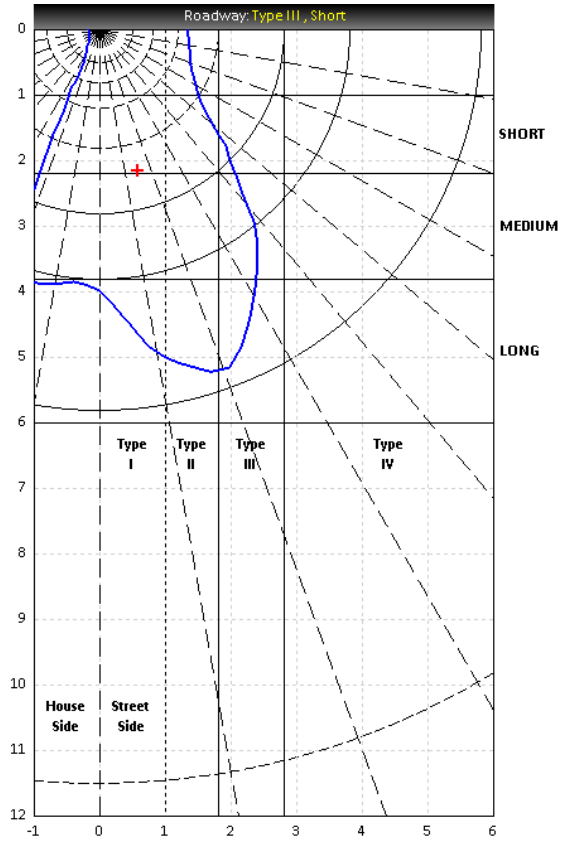
ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

HH-150-64×2-xx-PH3030
Optical Specifications

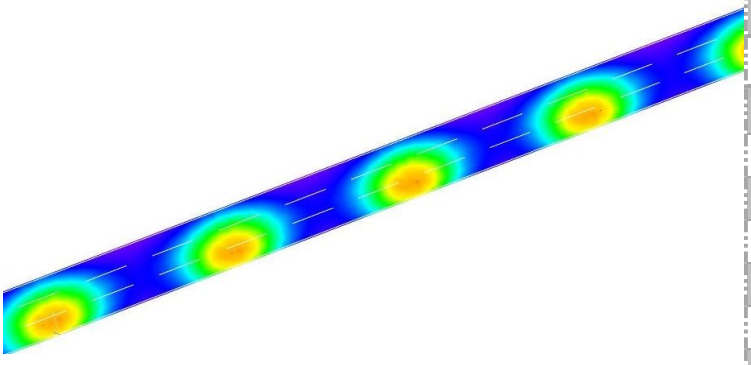
v1.0_20181009

Part Number	FWHM	Candela Distribution Type	IES File
HH-150-64×2-T3S- PH3030	85×155	Type III Short	Download





DIALux Simulation Result （three lanes、R3W3、ME4a）



Note：Lav-Average Luminance
U_0-Brightness Uniformity
U_L-Brightness longitudinal Uniformity
TI-Threshold increment
SR-Surround ratio

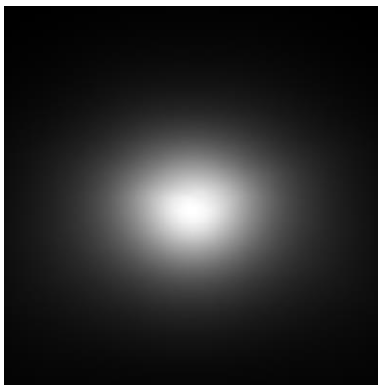
Recommend configuration condition	
Luminous Flux	150001m
Lamp Collocation	Unilateral
Height	10m
Distance	35m
Roadwidth	11.25m
Elevation	0°
Overhang	1m
Result	
Lav	0.95
U_0	0.42
U_L	0.79
TI(%)	10
SR	0.57

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

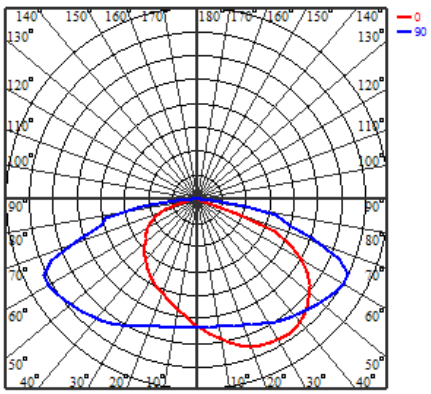
HH-150-64×2-xx-PH3030
Optical Specifications

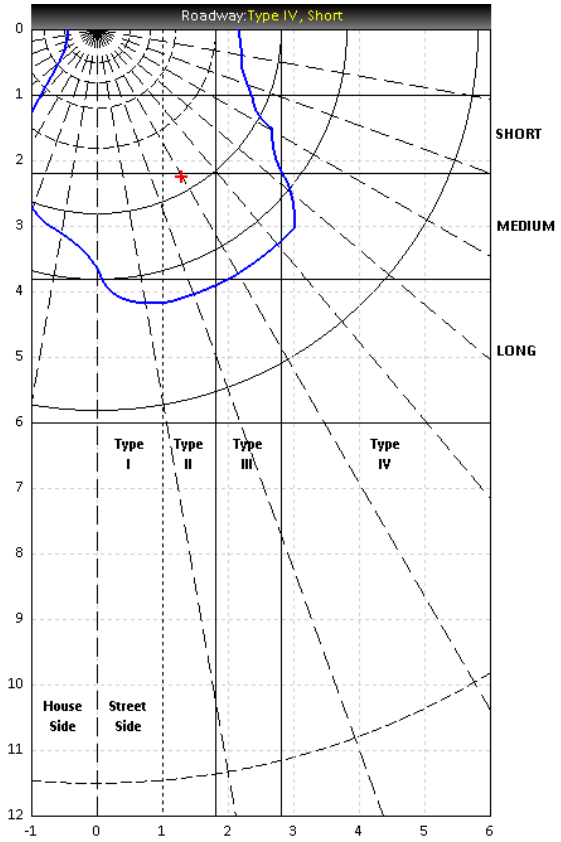
v1.0_20181009

Part Number	FWHM	Candela Distribution Type	IES File
HH-150-64×2-T4S- PH3030	100×155	Type IV Short	Download

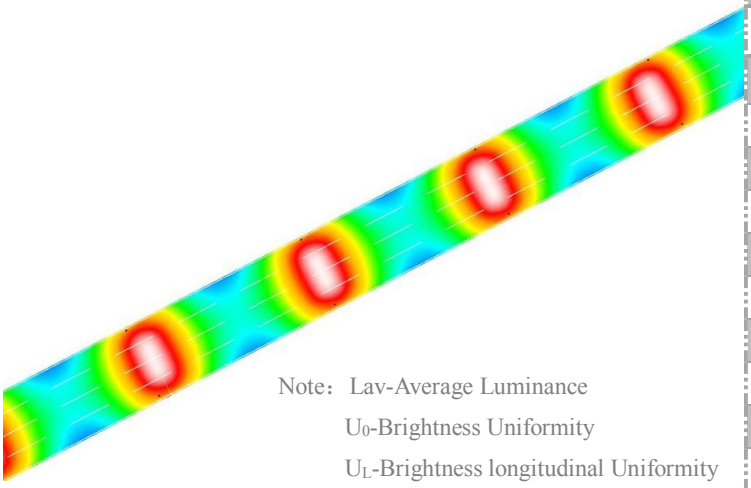


Polar Candela Distribution Plot





DIALux Simulation Result （four lanes、R3W3、ME4a）



Note：Lav-Average Luminance
U_0-Brightness Uniformity
U_L-Brightness longitudinal Uniformity
TI-Threshold increment
SR-Surround ratio

Recommend configuration condition	
Luminous Flux	150001m
Lamp Collocation	Bilateral Symmetry
Height	10m
Distance	35m
Roadwidth	15m
Elevation	0°
Overhang	1m
Result	
Lav	1.51
U_0	0.61
U_L	0.83
TI(%)	11
SR	0.66

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

HH-150-64×2-xx-PH3030
Mechanical Specification

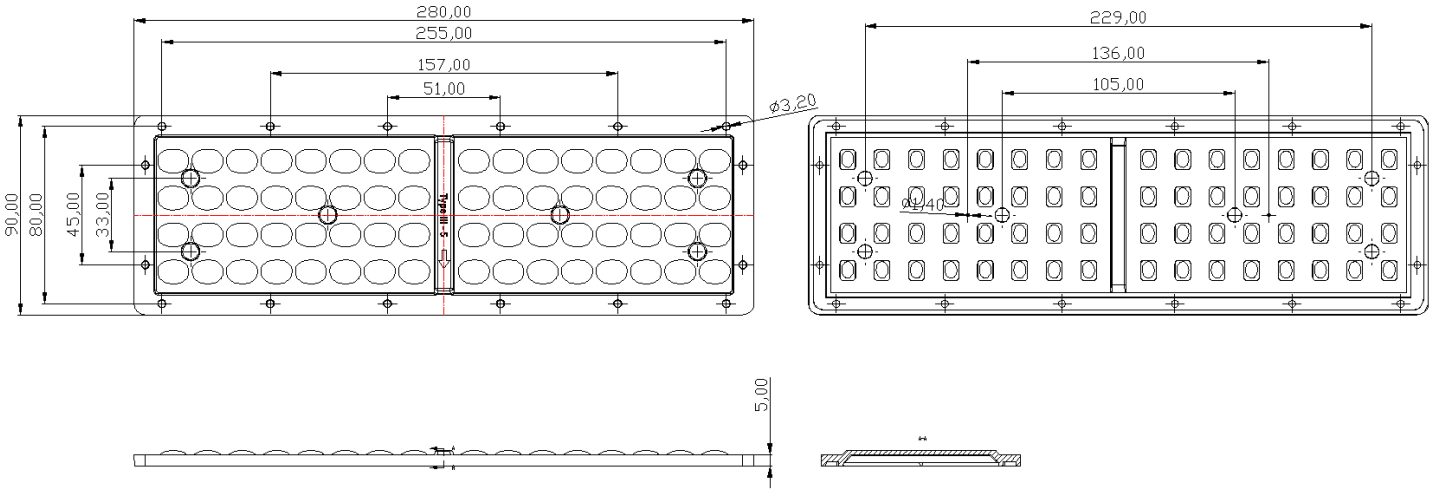
v1.0_20181009

1.Fixing method

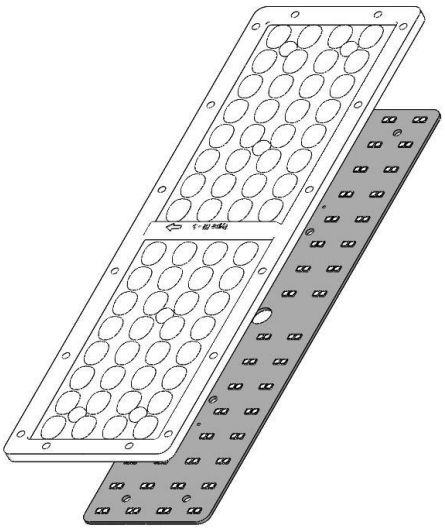
Note:（1）All dimensions are in mm.
（2）All measurements are ±0.15mm unless otherwise indicated.

☐ Glue ■ Screw ☐ Tape ☐ Fixing-ring ☐ Frame

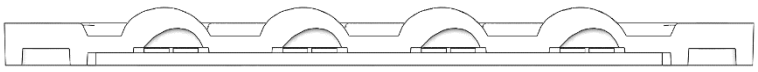
2.Lens dimension



3.Assembly instruction



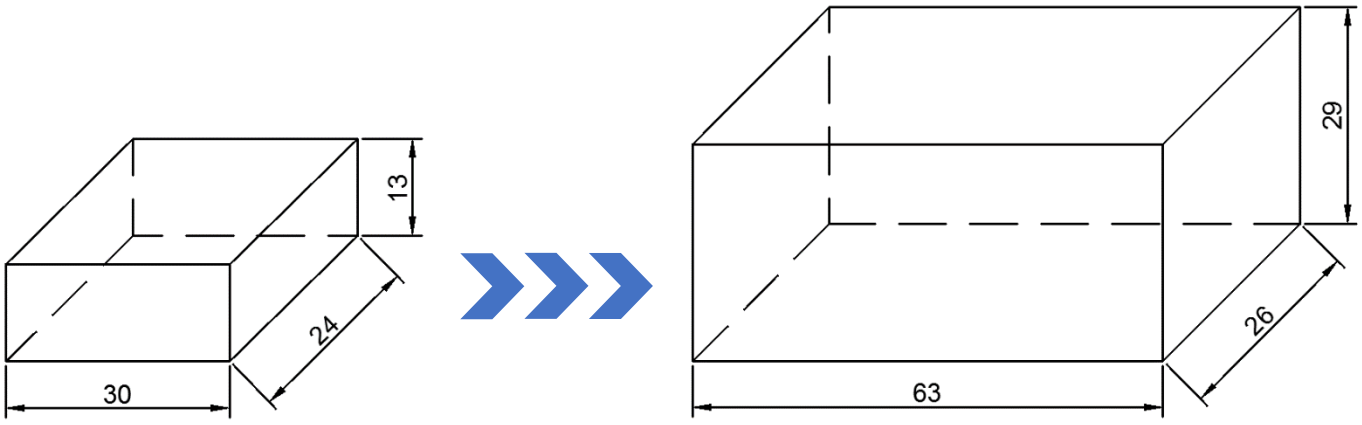
4.View assembly lens with MCPCB



ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com

HH-150-64×2-xx-PH3030
Package Specifications

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	-	40PCS	30*24*13cm	
outer box	4plastic box/outer box	160 PCS	63*26*29cm	



Note:

ADD: Area A No.3 Building 3th Floor,Hengchang Rong Industrial park
shiyan,shilong community,Bao'an District,shenzhen,china
TEL : 86-755-29232420 FAX : 86-755-83723765
http://www.szhanhui.com http://linsen4880.1688.com