HANHUI® 汉辉
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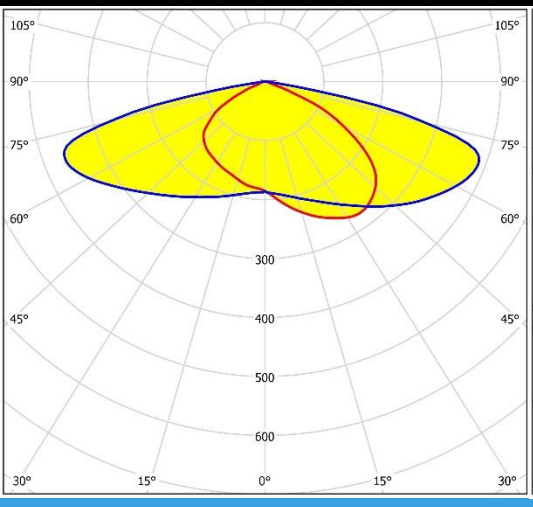
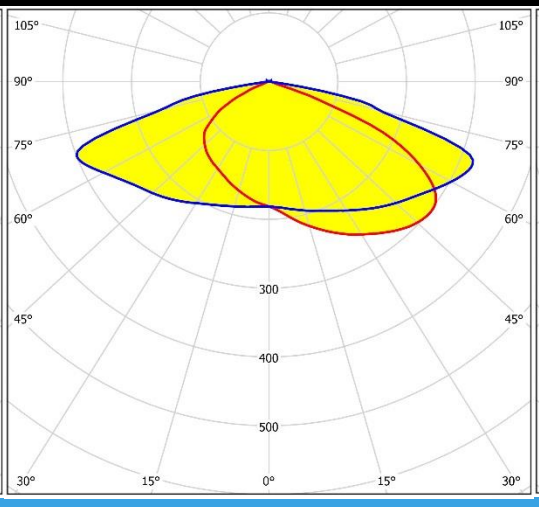
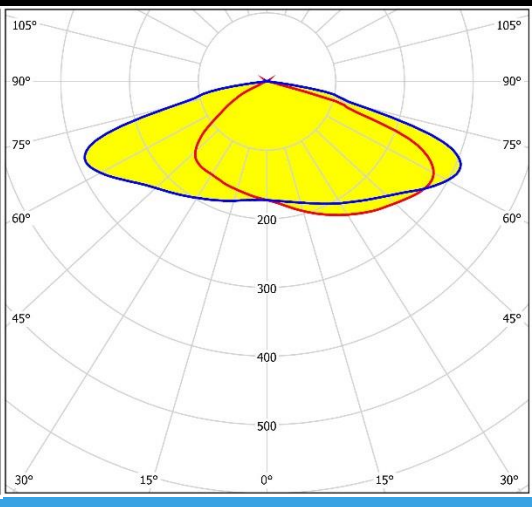
Data Sheet

HH-284-24×4-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

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v1.0_20200102

***Product Nomenclature**

HH-284-24×4-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、……）

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HH-284-24×4-xx-PH3030

General Information

v1.0_20200102

Features & Typical Applications

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

- Roadway Lighting
- Park 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.

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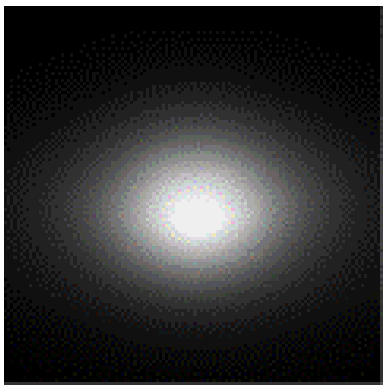
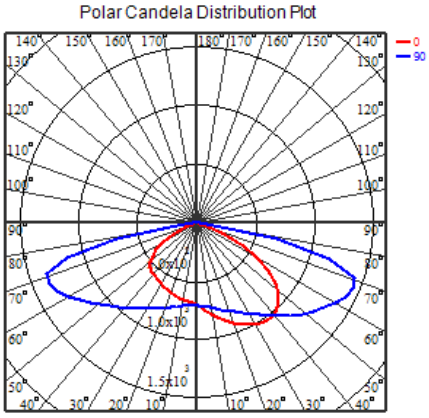
HH-284-24×4-xx-PH3030

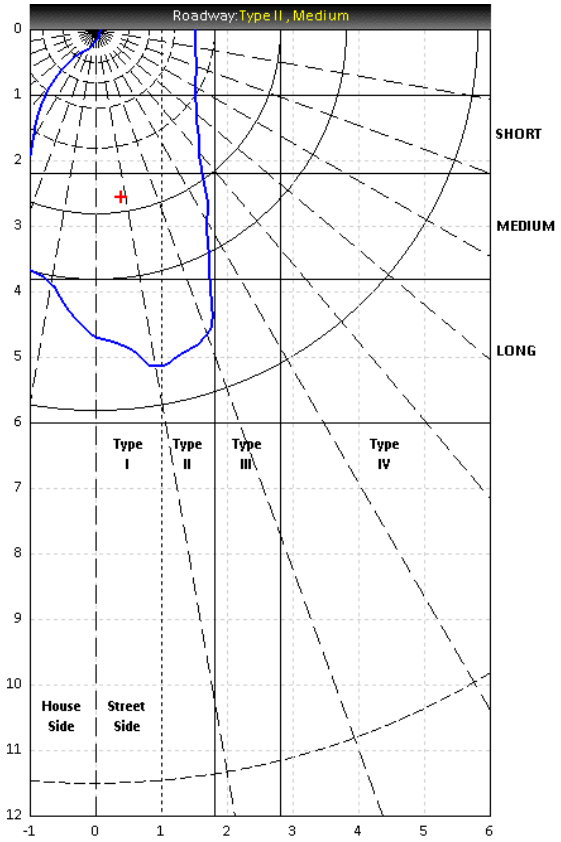
Optical Specifications

v1.0_20200102

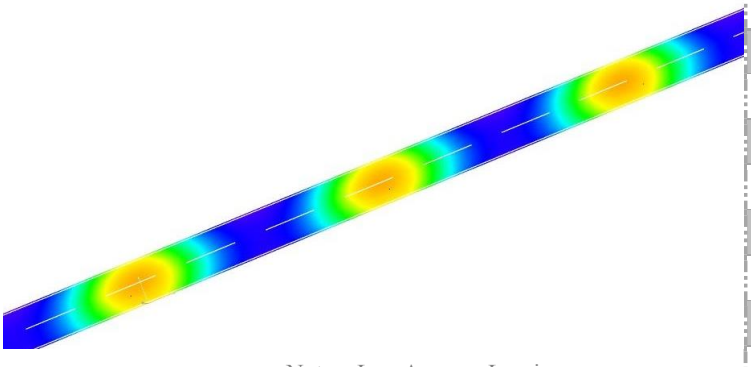
Part Number	FWHM	Candela Distribution Type	IES File
HH-284-24×4-T2M-PH3030	110×155	Type II Medium	Download







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	17500lm
Lamp Collocation	Unilateral
Height	10m
Distance	40m
Roadwidth	7m
Elevation	0°
Overhang	1m
Result	
Lav	1.34
U_0	0.50
U_L	0.76
TI(%)	11
SR	0.77

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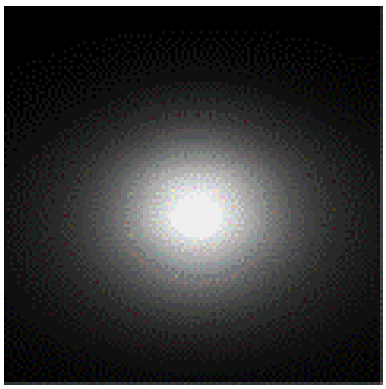
HH-284-24×4-xx-PH3030

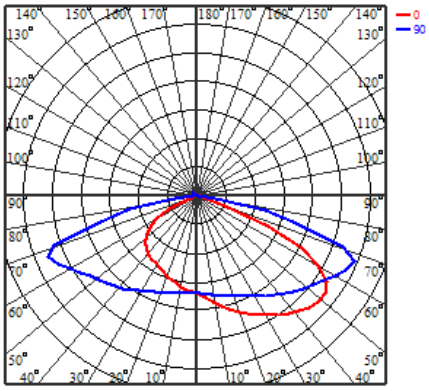
Optical Specifications

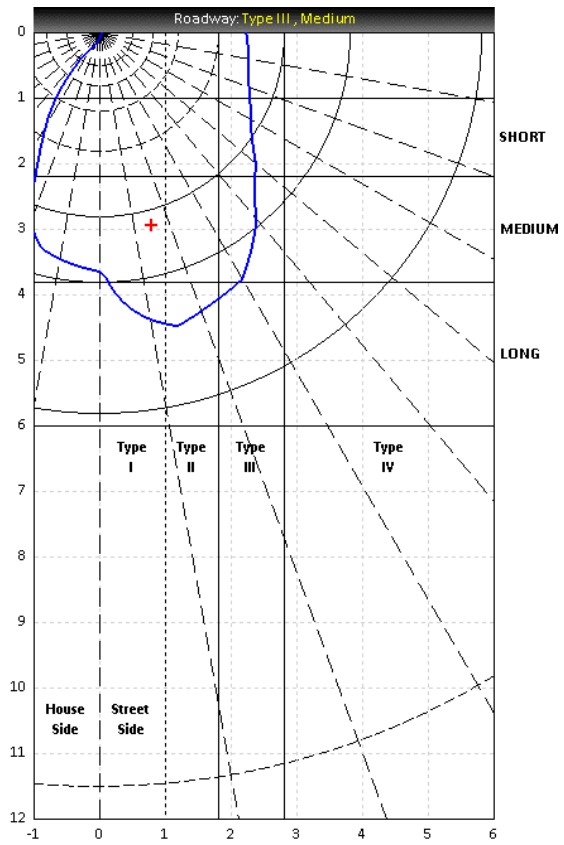
v1.0_20200102

Part Number	FWHM	Candela Distribution Type	IES File
HH-284-24×4-T3M-PH3030	100×150	Type III Medium	Download

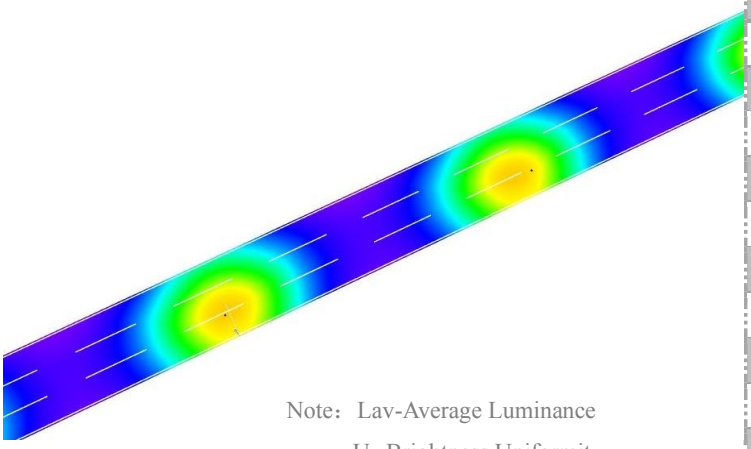


Polar Candela Distribution Plot





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	17500lm
Lamp Collocation	Unilateral
Height	10m
Distance	40m
Roadwidth	10.5m
Elevation	0°
Overhang	1m
Result	
Lav	0.94
U_0	0.46
U_L	0.70
TI(%)	11
SR	0.70

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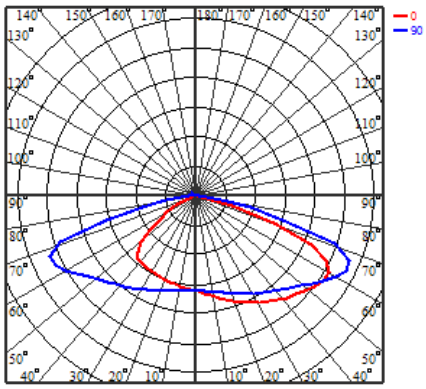
HH-284-24×4-xx-PH3030

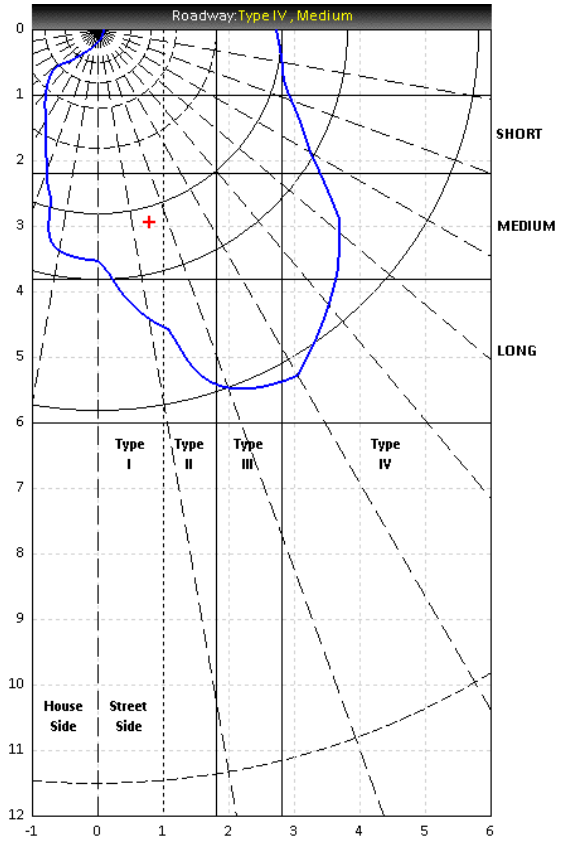
Optical Specifications

v1.0_20200102

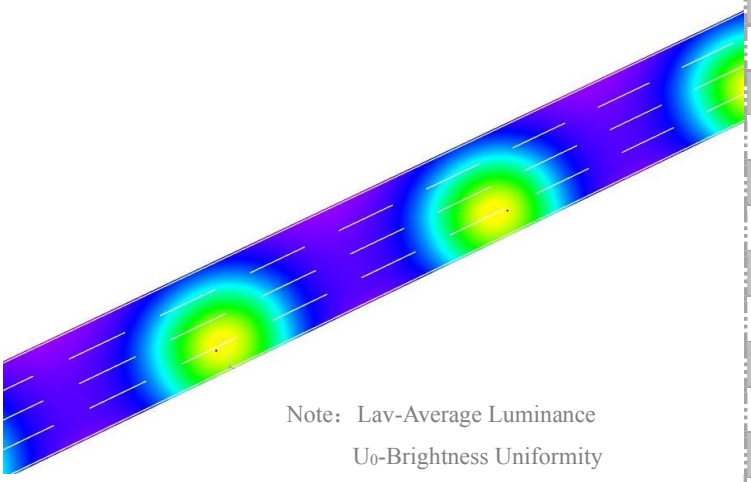
Part Number	FWHM	Candela Distribution Type	IES File
HH-284-24×4-T4M-PH3030	120×150	Type IV Medium	Download

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	17500lm
Lamp Collocation	Unilateral
Height	10m
Distance	40m
Roadwidth	14m
Elevation	0°
Overhang	2m
Result	
Lav	0.79
U_0	0.40
U_L	0.64
TI(%)	12
SR	0.70

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HH-284-24×4-xx-PH3030
Mechanical Specification

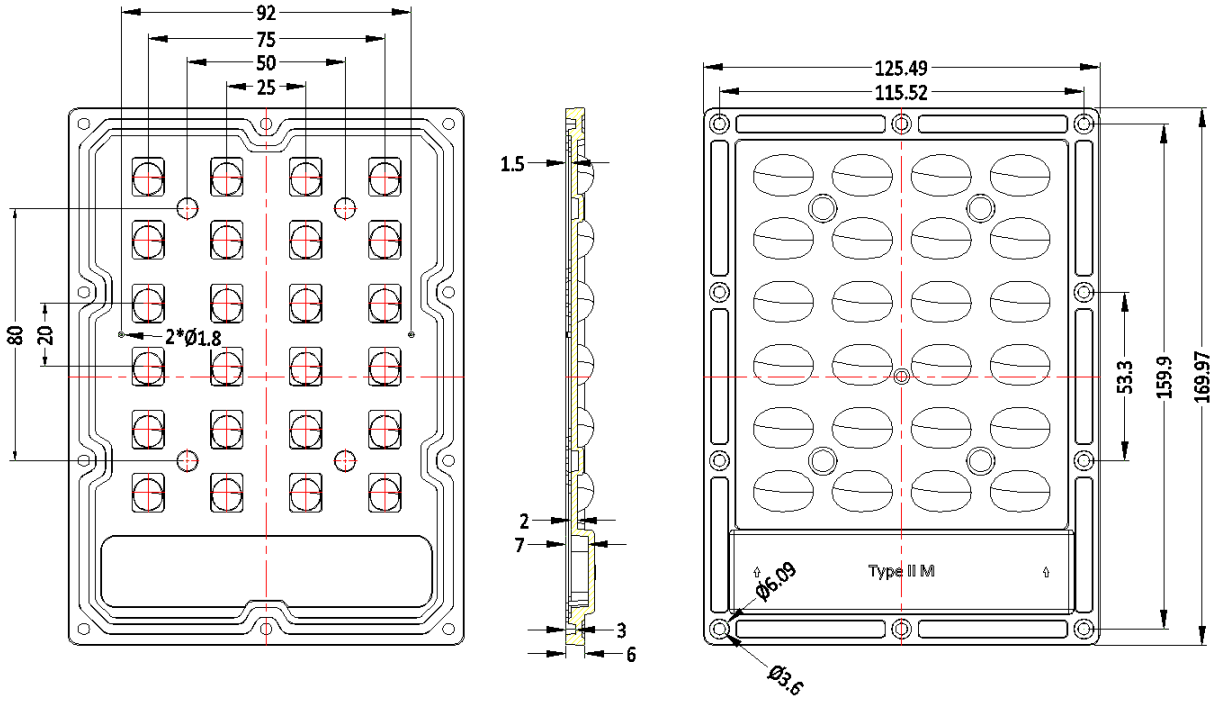
v1.0_20200102

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

1.Fixing method

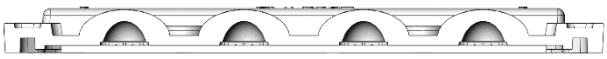
☐ Glue ■ Screw ☐ Tape ☐ Fixing-ring ☐ Frame

2.Lens dimension



3.Assembly instruction

4.View assembly lens with MCPCB



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Package Specifications

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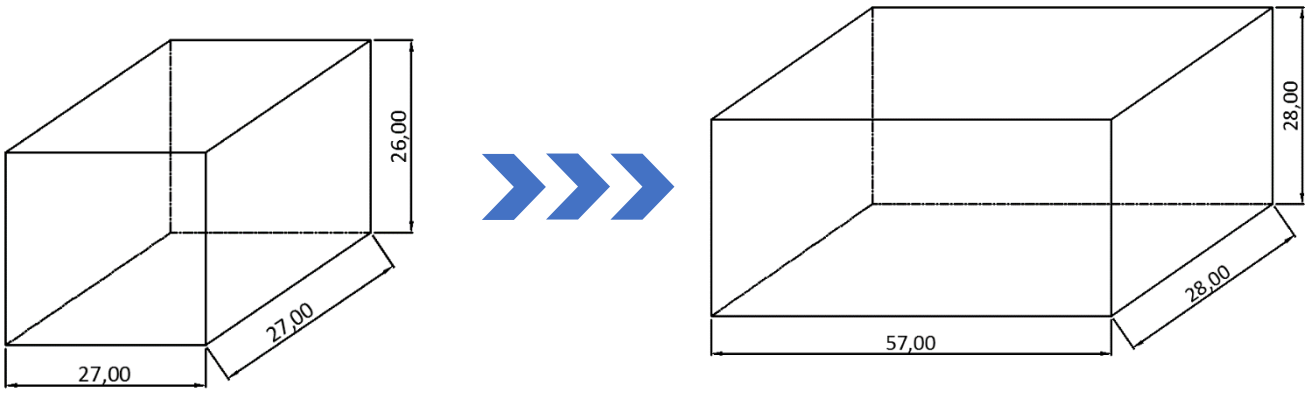
Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	2	100PCS	27*27*26cm	
outer box	1	200PCS	57*28*28cm	



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