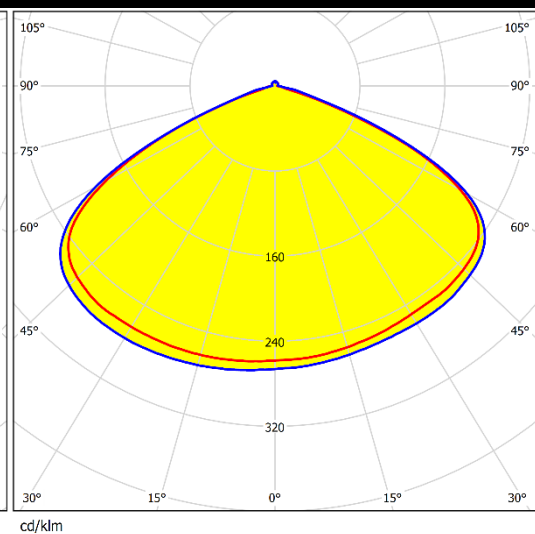
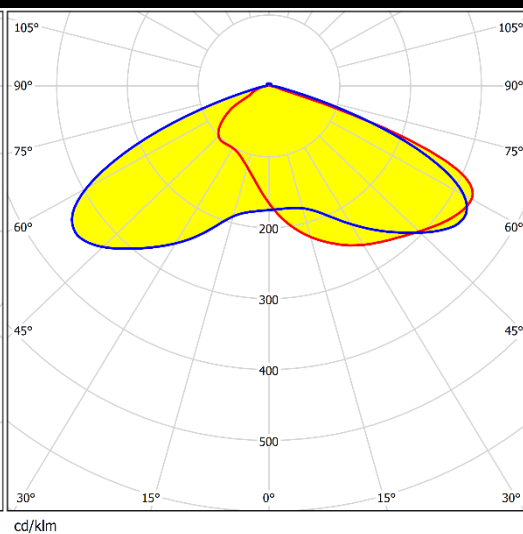
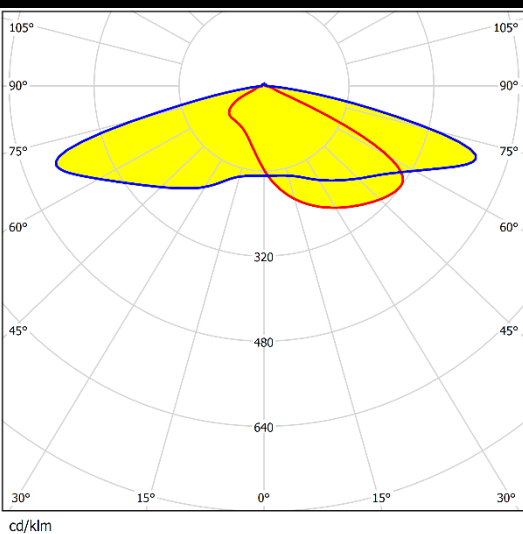
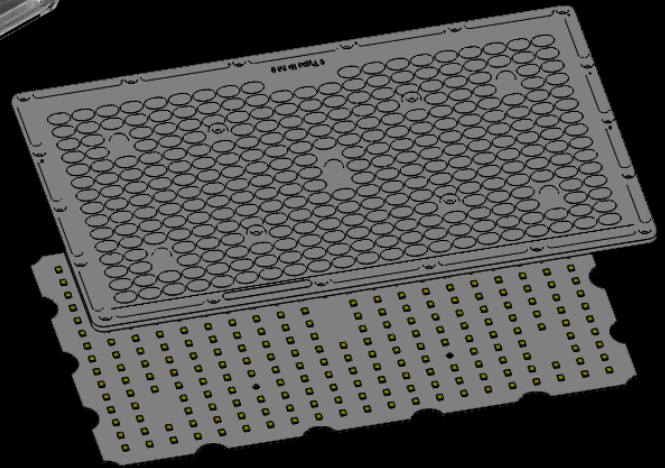
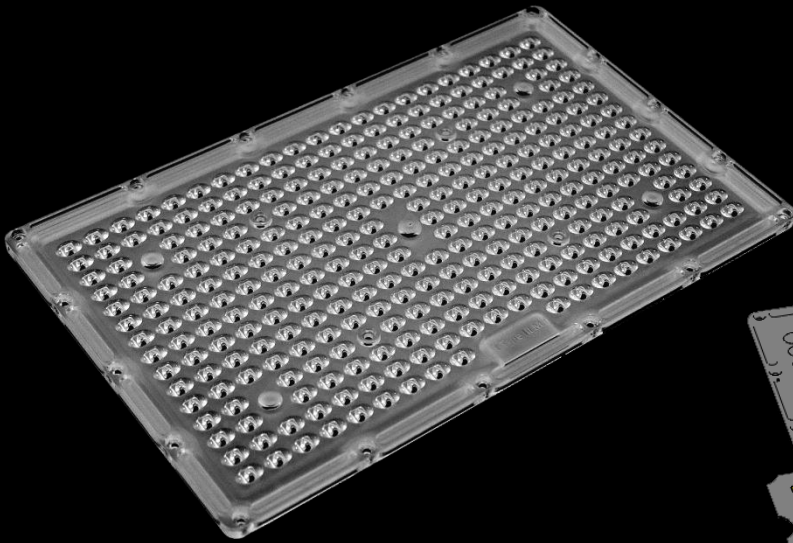


Data Sheet

HH-364-296×1-xx-PH2835



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技科技园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
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Data Sheet

catalogue

General Information	P.1
Optical Specifications	P.2-4
Mechanical Specifications	P.5
Package Specifications	P.6

*Product Nomenclature

HH-364-296 × 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、.....)



◆ Features & Typical Applications

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

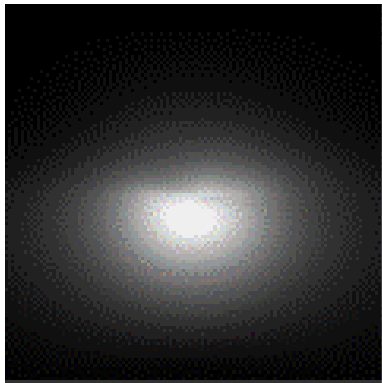


HH-364-296×1-xx-PH2835

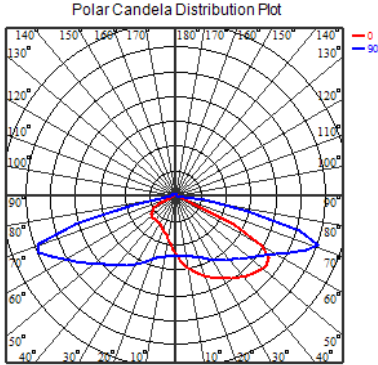
Optical Specifications

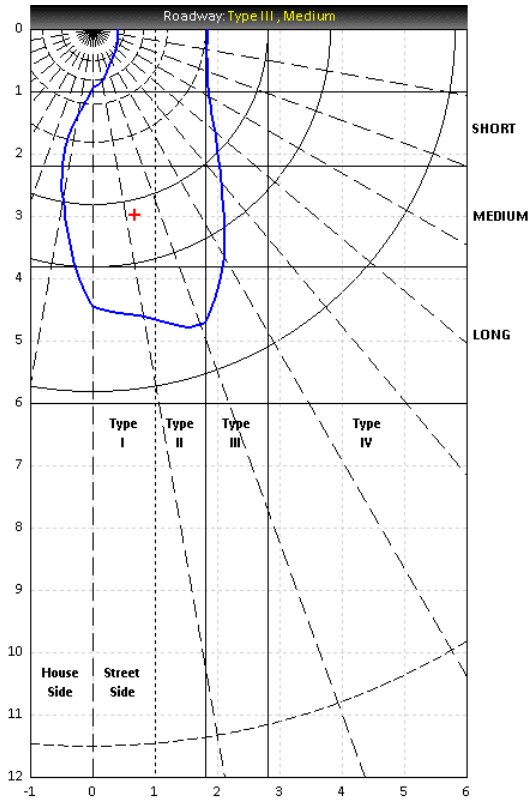
v1.0_20200803

Part Number	FWHM	Field Angle*	IES File
HH-364-296×1-T3M-PH2835	65×160	T3-M	Download

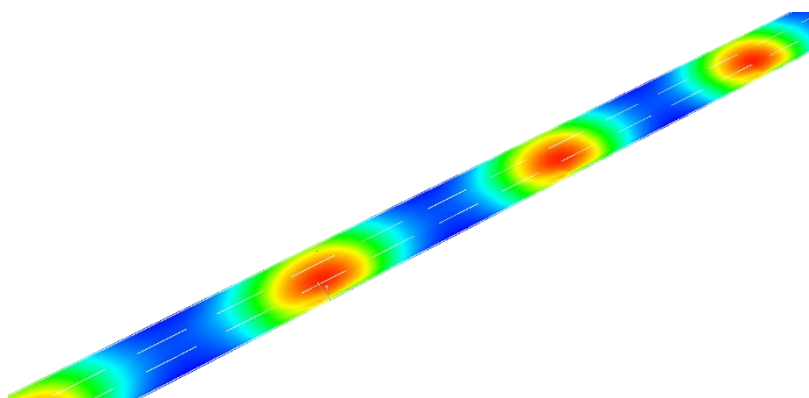


Polar Candela Distribution Plot





DIALux Simulation Result (three traffic lanes)



Note: Lav-Average Luminance
 .U0-Brightness Uniformity
 .UL-Brightness longitudinal
 Uniformity
 .TI-Threshold increment
 .SR-Surround ratio

Recommend configuration condition	
Luminous Flux	290581lm
Lamp Collocation	Unilateral arrangement
Height	12m
Distance	48m
Roadwidth	11.25m
Elevation	0°
Overhang	1m
Result	
Lav	1.36
U ₀	0.50
U _L	0.72
TI(%)	15
SR	0.66

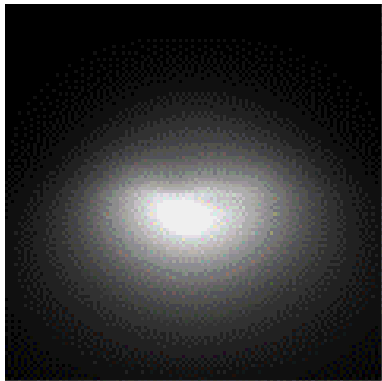


HH-364-296×1-xx-PH2835

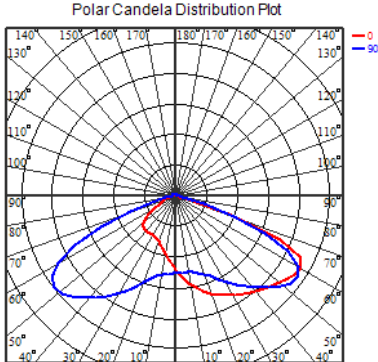
Optical Specifications

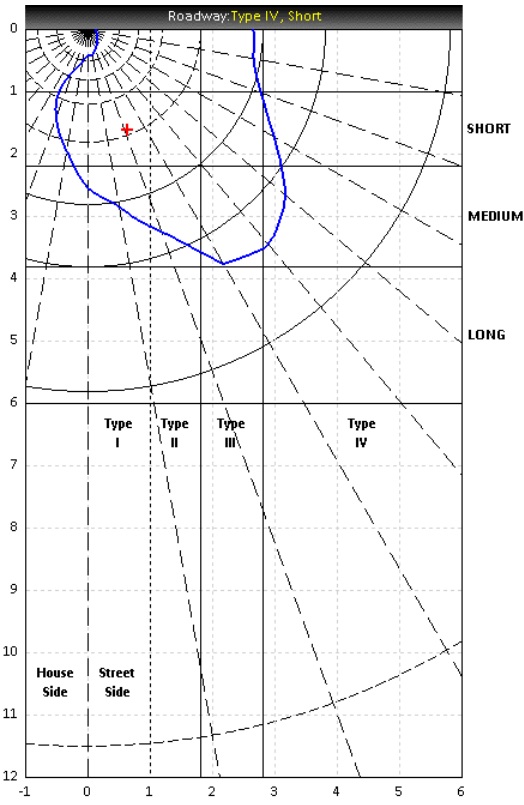
v1.0_20200803

Part Number	FWHM	Field Angle*	IES File
HH-364-296×1-T4S-PH2835	70×145	T4-S	Download

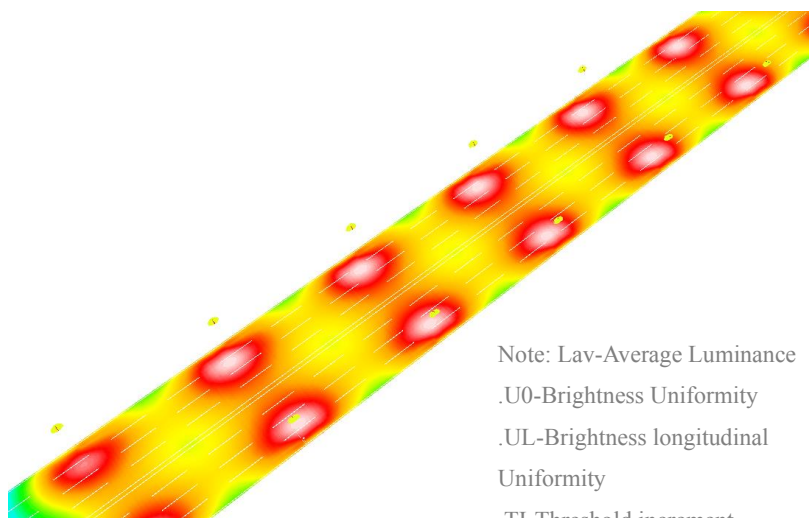


Polar Candela Distribution Plot





DIALux Simulation Result (eight traffic lanes)



Note: Lav-Average Luminance
 .U0-Brightness Uniformity
 .UL-Brightness longitudinal
 Uniformity
 .TI-Threshold increment
 .SR-Surround ratio

3

Recommend configuration condition	
Luminous Flux	28880lm
Lamp Collocation	Bilateral Symmetry
Height	12m
Distance	35m
Roadwidth	30m
Elevation	0°
Overhang	1m
Result	
Lav	1.57
U ₀	0.63
U _L	0.63
TI(%)	6
SR	0.80

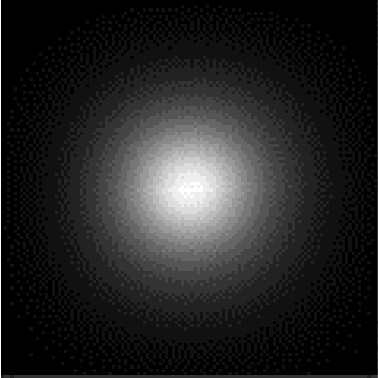


HH-364-296×1-xx-PH2835

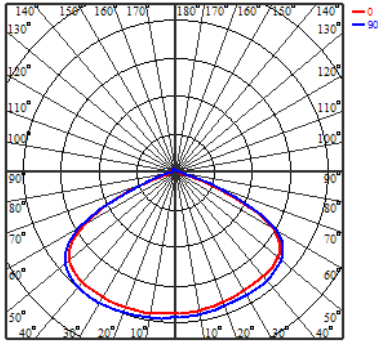
Optical Specifications

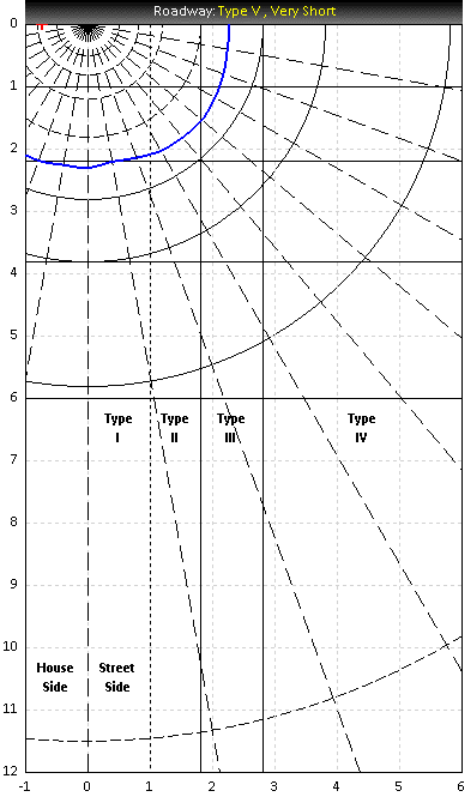
v1.0_20200803

Part Number	FWHM	Field Angle*	IES File
HH-364-296×1-T5S-PH2835	130×130	T5-S	Download



Polar Candela Distribution Plot







HH-364-296×1-xx-PH2835

Mechanical Specification

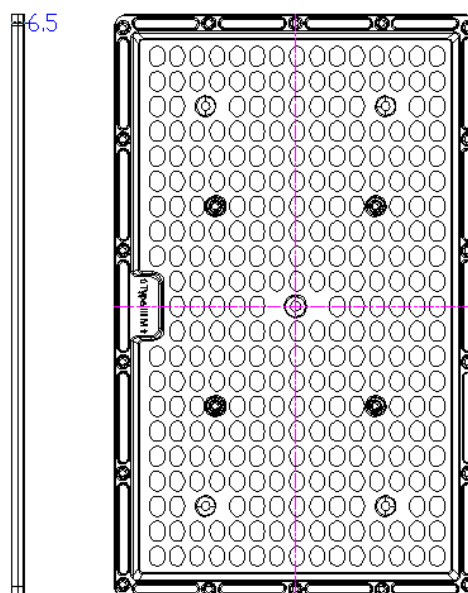
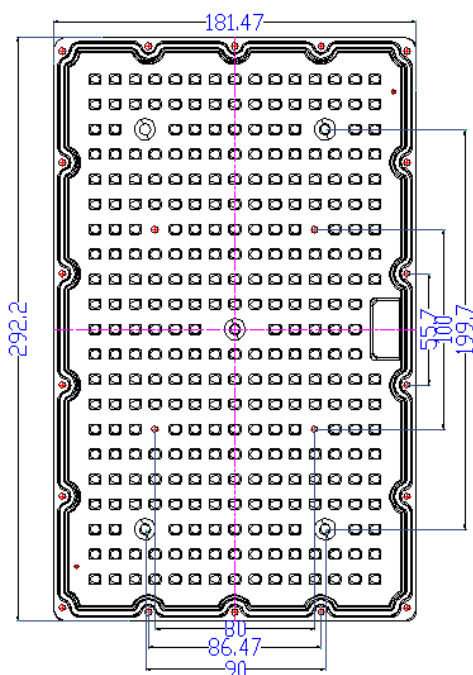
v1.0_20200803

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

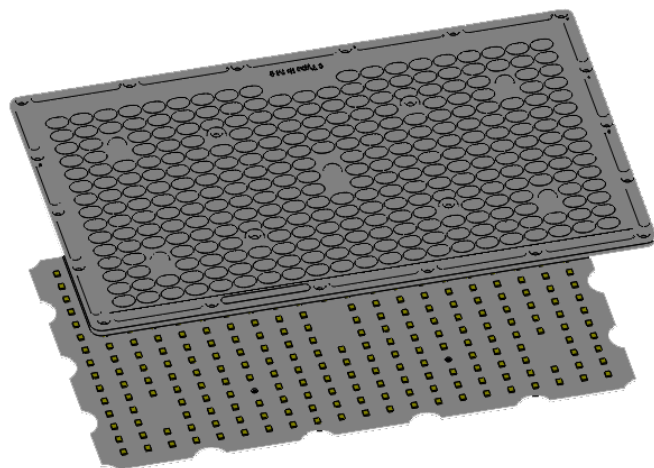
1. Fixing method

- Glue
 Screw
 Tape
 Fixing-ring
 Frame

2. Lens dimension



3. Assembly instruction



4. view assembly lens with MCPCB



HH-364-296×1-xx-PH2835

Package Specifications

v1.0_20200803

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



Note:

