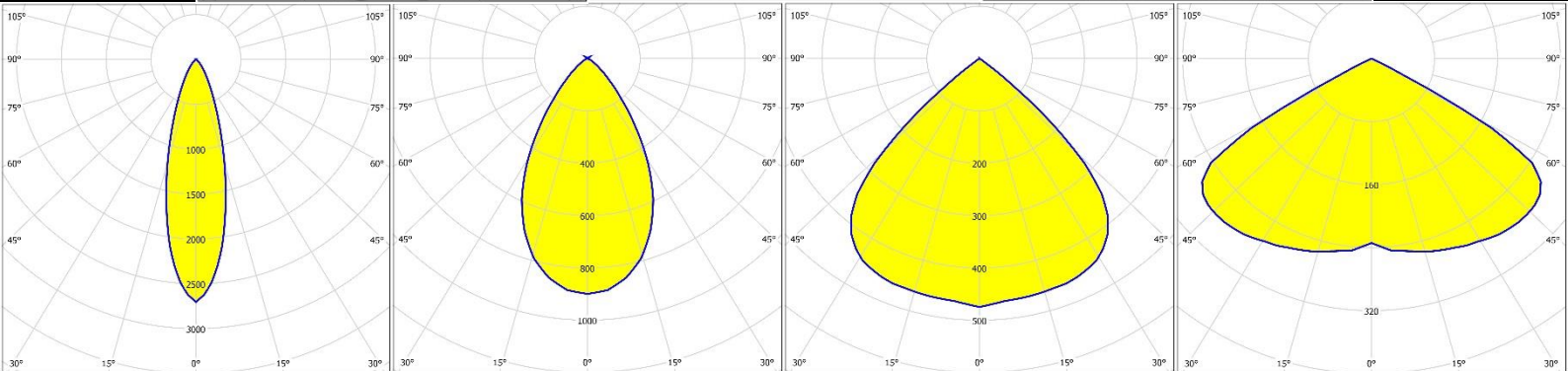
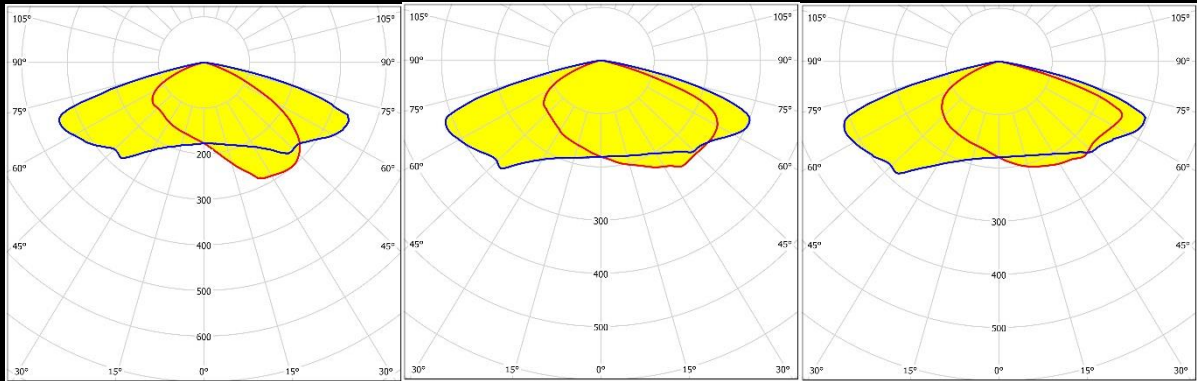
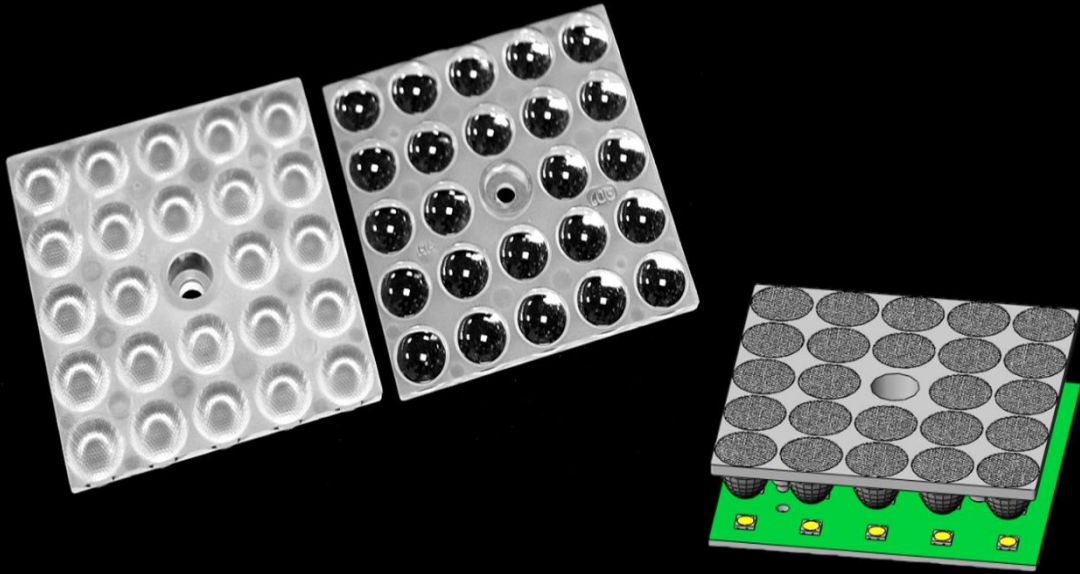


Data Sheet

HH-332-24×1-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
<http://www.szhanhui.com> <http://linsen4880.1688.com>



Data Sheet

catalogue

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Optical Specifications	P.2-6
Mechanical Specifications	P.7
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*Product Nomenclature

HH-332-24 × 1-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、.....)



HH-332-24×1-xx-PH3030

General Information

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◆ Features & Typical Applications

- Available with 7 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder
- Flood 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

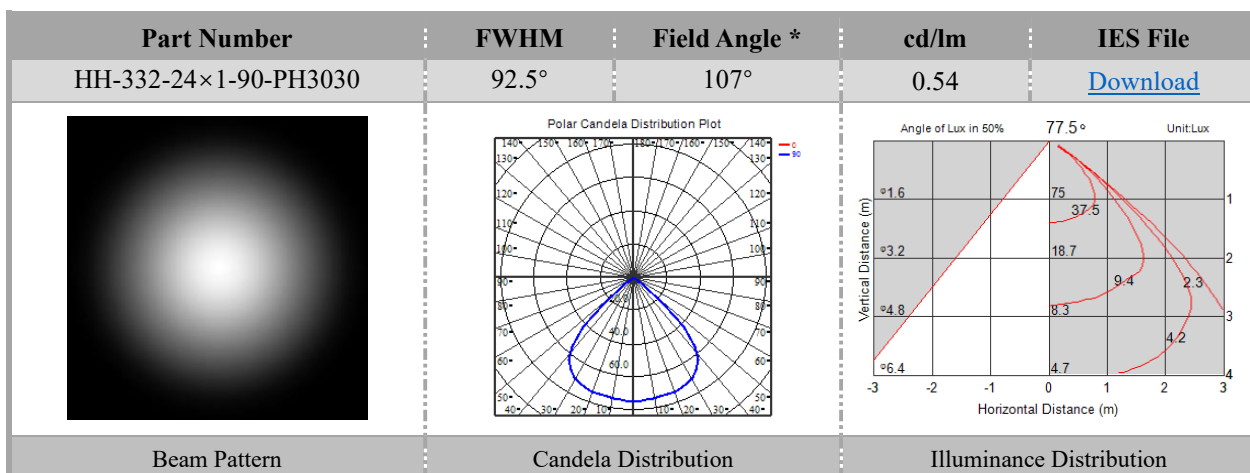
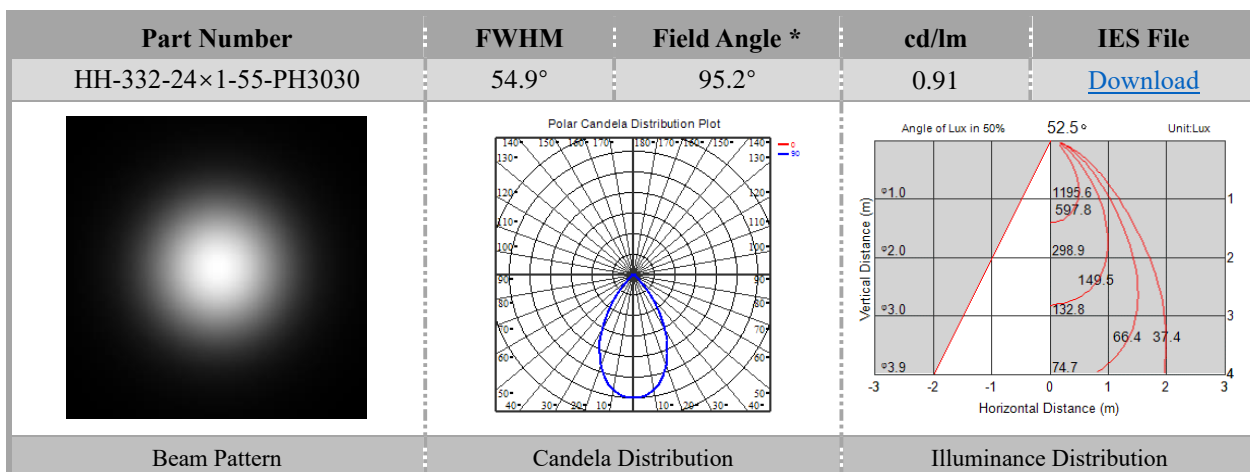
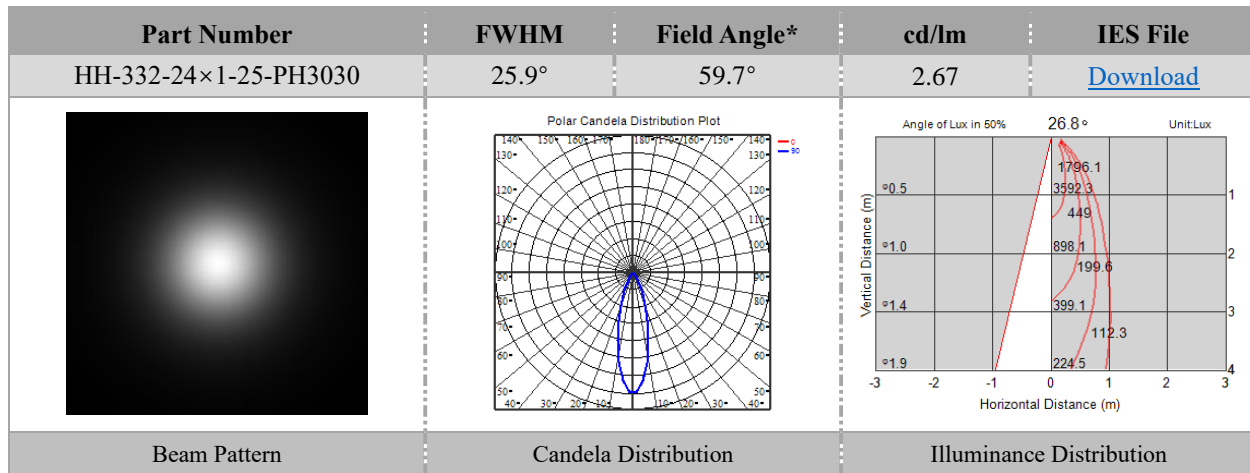
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.



HH-332-24×1-xx-PH3030

Optical Specifications

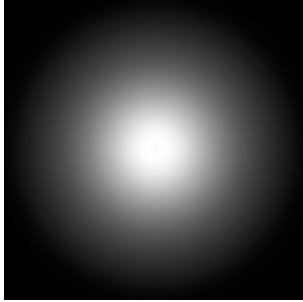
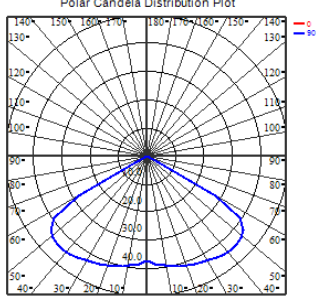
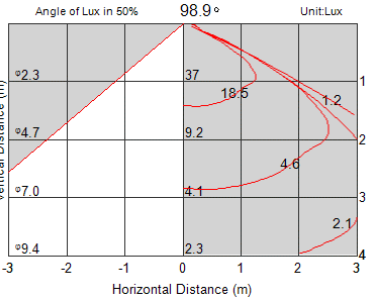
V2.0_20210428



HH-332-24×1-xx-PH3030

Optical Specifications

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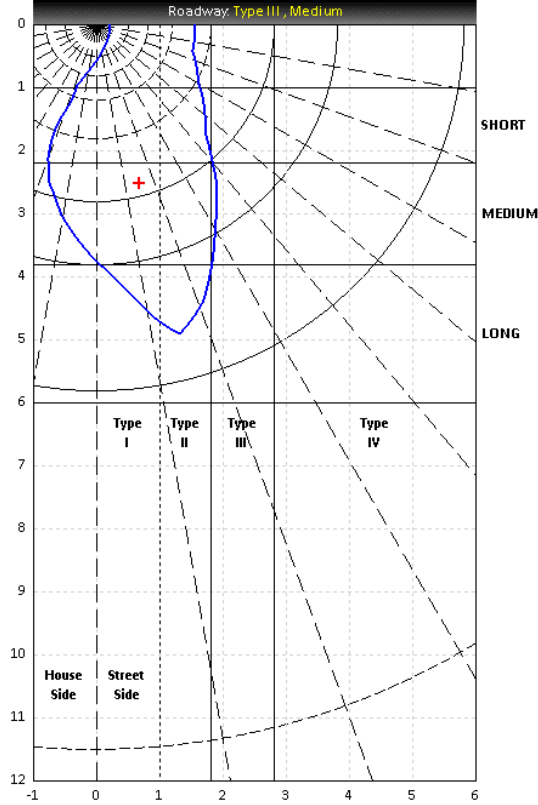
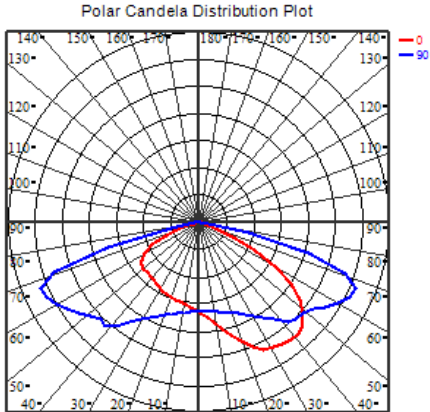
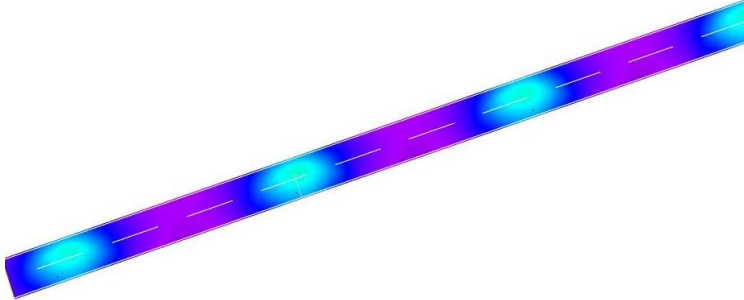
Part Number	FWHM	Field Angle*	cd/lm	IES File	
HH-332-24×1-120-PH3030	118.8°	127.8°	0.28	Download	
			Beam Pattern	Candela Distribution	Illuminance Distribution



HH-332-24×1-xx-PH3030

Optical Specifications

V2.0_20210428

Part Number	FWHM	Candela Distribution Type	IES File
HH-332-24×1-T2M-PH3030	90°×145°	Type II Medium	Download
			
			
DIALux Simulation Result (two lanes)			
		Recommend configuration condition	
		Luminous Flux	18500lm
		Lamp Collocation	One Side
		Height	10m
		Distance	40m
		Roadwidth	7m
		Elevation	0°
		Overhang	0.5m
		Result	
		Lav	1.26
U ₀	0.59		
U _L	0.72		
TI(%)	10		
SR	0.77		
<p>Note: Lav-Average Luminance U₀-Brightness Uniformity U_L-Brightness longitudinal Uniformity TI-Threshold increment SR-Surround ratio</p>			




HH-332-24×1-xx-PH3030

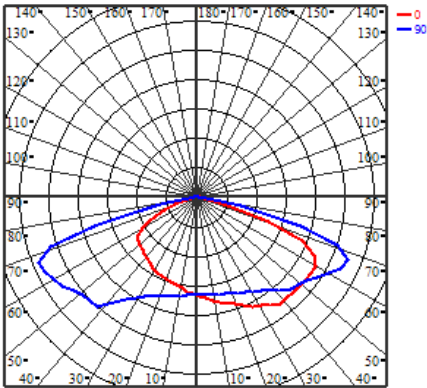
Optical Specifications

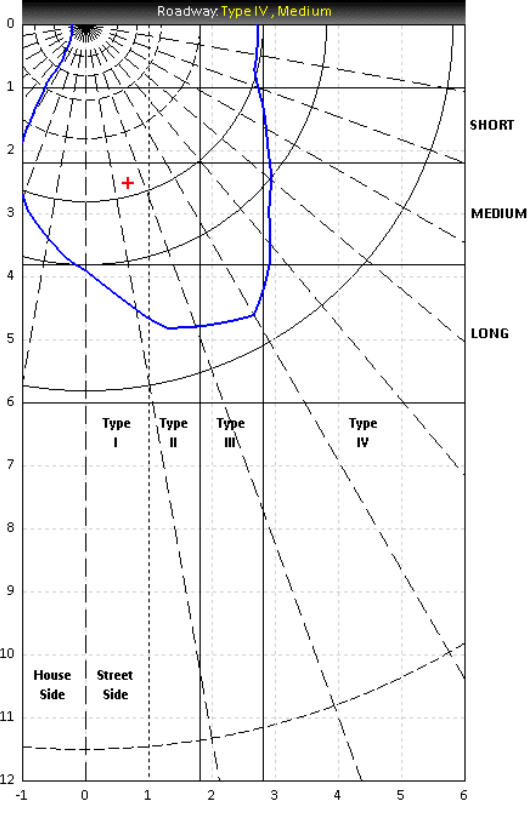
V2.0_20210428

Part Number	FWHM	Candela Distribution Type	IES File
HH-332-24×1-T3M-PH3030	110×145	Type III Medium	Download

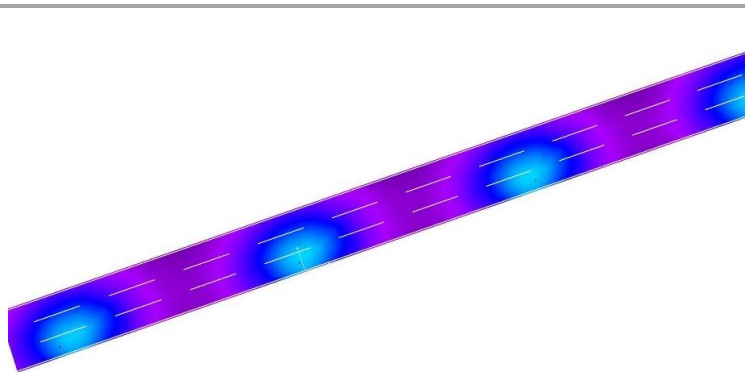


Polar Candela Distribution Plot





DIALux Simulation Result (three lanes)



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

Recommend configuration condition	
Luminous Flux	18500lm
Lamp Collocation	One Side
Height	10m
Distance	40m
Roadwidth	10.5m
Elevation	0°
Overhang	1m
Result	
Lav	0.93
U ₀	0.48
U _L	0.76
TI(%)	11
SR	0.69




HH-332-24×1-xx-PH3030

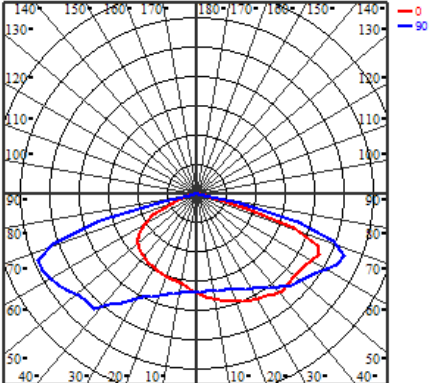
Optical Specifications

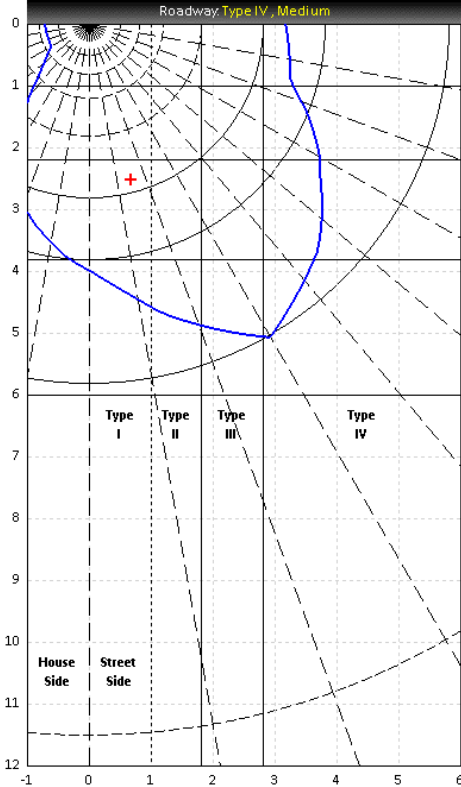
V2.0_20210428

Part Number	FWHM	Candela Distribution Type	IES File
HH-332-24×1-T4M-PH3030	120×145	Type IV Medium	Download

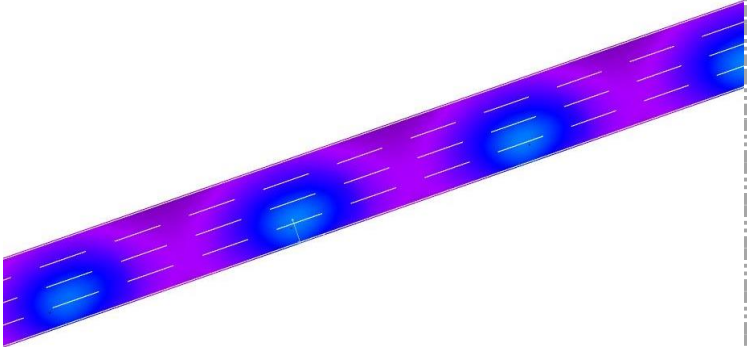


Polar Candela Distribution Plot





DIALux Simulation Result (four lanes)

	Recommend configuration condition	
	Luminous Flux	22500lm
	Lamp Collocation	One Side
	Height	12m
	Distance	40m
	Roadwidth	14m
	Elevation	0°
	Overhang	2m
	Result	
	Lav	0.88
U ₀	0.43	
U _L	0.85	
TI(%)	9	
SR	0.70	

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



HH-332-24×1-xx-PH3030

Package Specifications

V2.0_20210428

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



Note:

