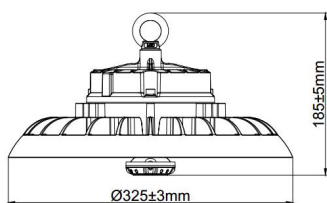
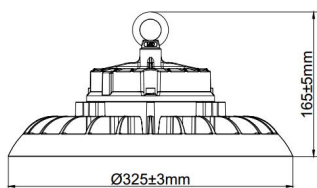


**PLT-13162** - 240W, 36,458 Lumens, 4000K, 1000W MH Equal, Black Finish, Sensor Ready

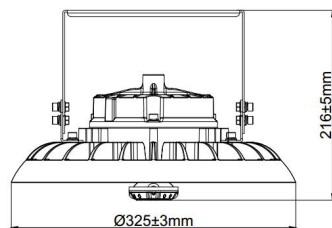
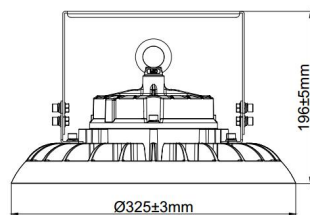


## DIMENSIONS

### Pendent



### Surface-mounted w/ PLT-12378



## ADVANTAGE

- UL
- Lumileds Chip
- Input voltage 120-277VAC.
- Output can be dimmed with 0-10V dimmer.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

## APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets

## SPECIFICATIONS

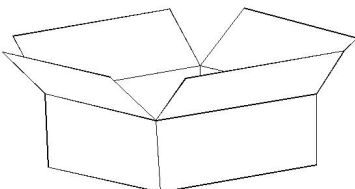
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	240W				
	Color Temperature	3500K*	4000K	4500K*	5000K*	5700K*
	Lumen (Tolerance : -10%)	34172.1	36,458	34512.7	34683.0	34853.3
	Efficacy (Tolerance : -3%)	145.14	143	146.60	147.32	148.06
	CRI	>80				
	Color Consistency	<6 Steps (or <6 SDCM)				
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens				
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree				
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<10%				
	Driver Brand	Lifud Driver				
	Driver Model	LF-FHB200YAIV				
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor <sup>1</sup> , PIR sensor <sup>2</sup> , Surge-protective Device <sup>3</sup>				
<b>MATERIALS</b>	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	400PCS				
	Housing	Die-cast aluminum				
	Housing Color	Black, White*, or Customized*				
	Waterproof Rating	WET (IP65)				
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor: -40°C TO 50°C				
		With Motion Sensor: -30°C TO 50°C				
	Storage Temperature	-40°C TO 80°C				
	Operating Humidity	20% - 90% RH				
	Storage Humidity	10% - 95% RH				
Warranty	5 years					

\*Optional color temperatures and/or finishes available via Special Order. Please call 1-800-624-4488.

## PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	340*340*145mm	1 PC	2.6KG	3.3KG
Surface-mounted	340*340*145mm	1 PC	3.3KG	4.2KG

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



### Optional Accessories:

<sup>1</sup>Motion Sensor - PLT-12844

<sup>2</sup>PIR Sensor - PLT-13121

<sup>3</sup>Surge-protective Device - NPS-00029\*

Sensor Remote Control - PLT-12281

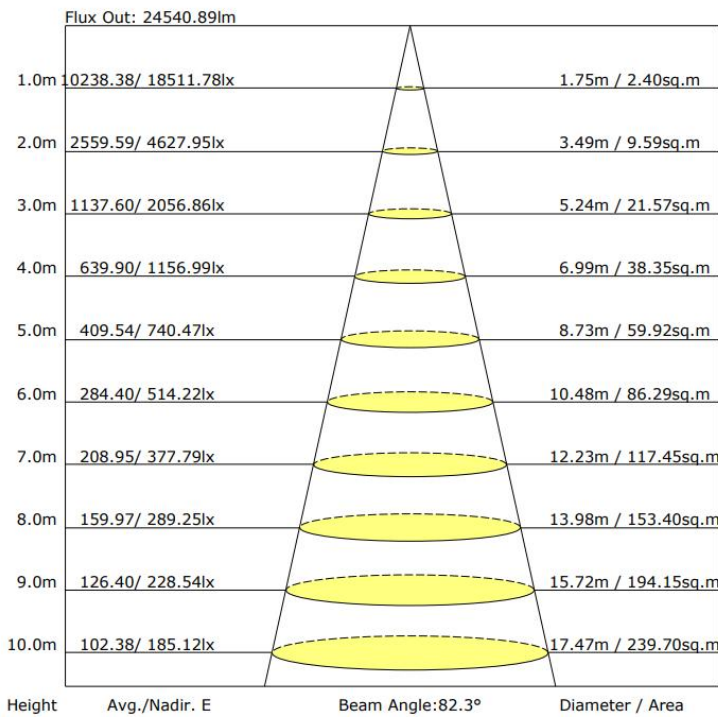
Special order item. Please call 1-800-624-4488 for more information.

## LIGHT DISTRIBUTION TESTING PARAMETERS

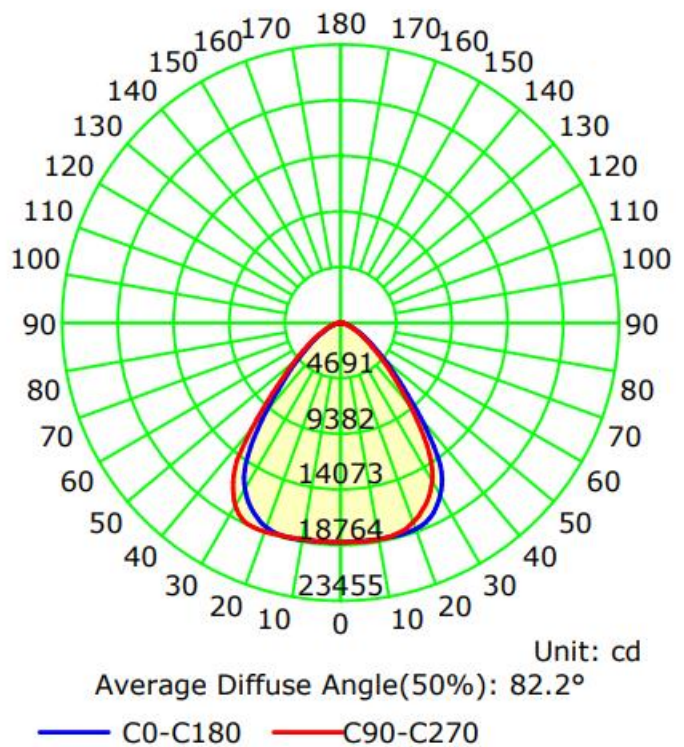
### Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 34172.1 lm
Measurement Flux: 34172.1 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H123,H82.3	
Vertical Diffuse Angle(10%,50%): V122.7,V82.2	
Luminaire Efficacy Rating (LER): 145.19	C0r0 Intensity: 18511.78 cd
Max. Intensity: 18764.6 cd	Pos of Max. Intensity: H270 V22
S/MH(C0/C180): 1.28	S/MH(C90/C270): 1.28

#### The Average Illuminance Effective Figure



#### Luminous Intensity Distribution Curve



### NOTICE FOR USER

- Please turn off power before installation or maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

### TROUBLESHOOTING

Problem	Solution
Flickering Light	Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician.
Fixture not turning on	Check the electrical connection.