

LED High Bay Light

PLT-13075 - 240W, 34,458 Lumens, 5000K, 1000W MH Equal, Black Finish, w/ Sensor

PLT-13076 - 240W, 34,458 Lumens, 5000K, 1000W MH Equal, White Finish, w/ Sensor

NOTE: Plastic cap must be removed from prongs before installing the sensor to the fixture.

Operating Voltage	12V DC			
Operating Current	30mA			
Stand-by Power	<0.5mW			
Microwave Frequency	5.8GHz±75MHz			
Microwave Power	<0.5mW			
Standby Power	<0.5 Watt			
Dimming	0-10V			
Mounting Height	49' Max.			
Detection Range	49' Max.			
Detection Angle	360°			
Operating Temperature	-30°F to 140°F (-30°C to 60°C)			
IP Rating	IP65			
	Brightness: 100%			
	Hold Time: 10 min			
Default Setting	Stand-by Dimming Level: 50%			
Default Setting	Stand-by Time: 1min			
	Sensitivity: 100%			
	Daylight: Disabled			
n.'**	0%-100%			
Brightness**	Quick Setting: 70%, 80%, 90%, 100%			
Sensitivity**	20%, 50%, 75%, 100%			
Hold Time**	10s, 1min, 10min, 30min			
Stand-by Time**	1 min, 30 min, 60 min, +==***			
Stand-by Dimming Level**	10%, 20%, 30%, 50%			
Certification	UL			

 $^{*+\infty}$ is unlimited stand-by time and the light control mode is the light control priority mode. ** Adjustable only with remote, see PLTS-12281 for more information

ADVANTAGE

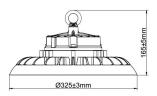
- UL cUL
- Lumileds or Samsung Chip.
- ▶ Input voltage 120-277VAC.
- Output constant current can be adjusted through output cable with 0-10V.
- > No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform.
- Instant start, NO flickering, NO humming.

APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- \succ Exhibition hall;
- Gymnasium and supermarkets, etc.

DIMENSIONS

Pendent

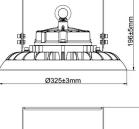


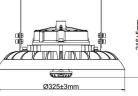


*Bracket sold separately

- PLTS-12377 White Finish
- PLTS-12378 Black Finish

Surface-mounted*













SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W					
	Color Temperature	3500K*	4000K*	4500K*	5000K	5700K*	
	Lumen (Tolerance : -10%)	34172.1	34342.4	34512.7	34,458	34853.3	
	Efficacy (Tolerance : -3%)	145.14	145.87	146.60	151	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					
ELECTRICAL	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, PIR sensor ¹ , Surge-protective Device ²					
-	LED Brand	Lumileds					
	LED Type	SMD2835					
MATERIALS	LED QTY Housing	400PCS					
WATERIALS		Die-cast aluminum					
	Housing Color	Black or White (or Customized*)					
Waterproof Rati	Waterproof Rating	WET (IP65	i)				
Operating Temperature Others Storage Temperature Operating Humidity Storage Humidity Warranty Warranty	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					

*Alternate color temperatures and/or finishes available via Special Order. Please call 1-800-624-4488. 5000K Version with white finish & no sensor - PLT-13077

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:

¹PIR Sensor - NPS-00195* ²Surge-protective Device - NPS-00029 Motion Sensor Remote - PLTS-12281

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

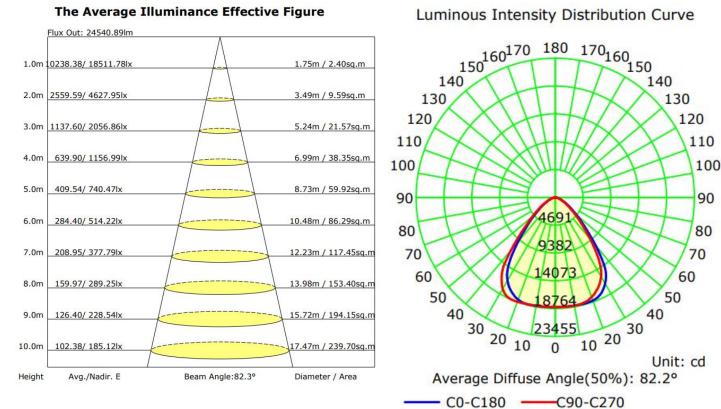




IGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE Class: DirectTotal Rated Lamp Lumens: 34172.1 ImMeasurement Flux: 34172.1 ImEfficiency: 100%Downward Ratio: 100%Upward Ratio: 0%Horizontal Diffuse Angle(10%,50%): H123,H82.3Vertical Diffuse Angle(10%,50%): V122.7,V82.2Luminaire Efficacy Rating (LER): 145.19Cor0 Intensity: 18511.78 cdMax. Intensity: 18764.6 cdPos of Max. Intensity: H270 V22S/MH(C0/C180): 1.28S/MH(C90/C270): 1.28



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 luminaries 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.