



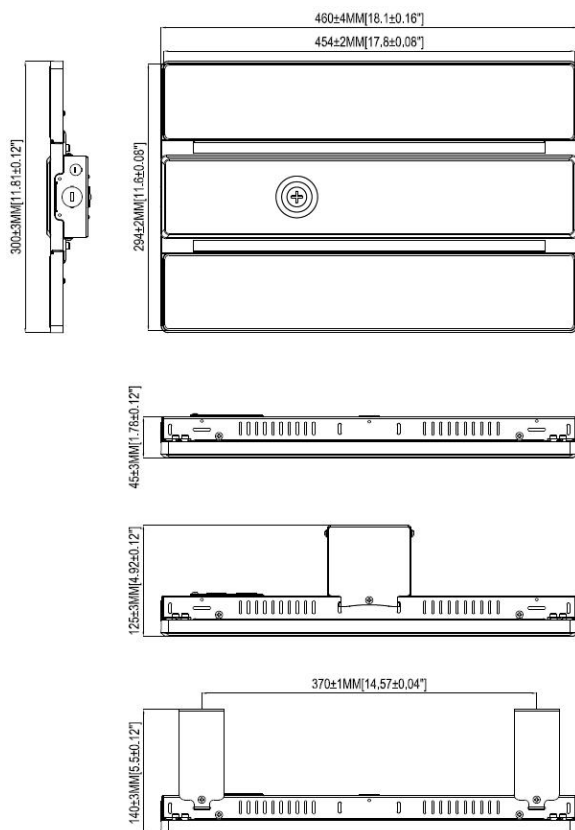
**PLT-12722 - 160W,  
5000K, 400W MH Equal  
- 25,920 Lumens -  
Sensor Ready**



\*Custom mounting options available via Special Order. Please call 1-800-624-4488.  
\*\*277-480V option available via Special Order. Please call 1-800-624-4488.



## DIMENSIONS



## ADVANTAGE

- UL cUL certificate.
- Lumileds Chip
- Input voltage 120-277 or 277-480VAC\*\*.
- 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.
- Green and eco-friendly without mercury.

## APPLICATION

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	160W (or Wattage adjustable / 25-100%* )			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : ±10%)	25280LM	25920LM	25920LM	25440LM
	Efficacy (Tolerance : ±3%)	158LM/W	162LM/W	162LM/W	159LM/W
	CRI	>80			
	Color Consistency	<7 Steps (or <7 SDCM)			
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)			
	Diffuser Type	TYPE V			
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277 or 277-480* VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	≤5%			
	Driver Brand	LIFUD@120-277VAC, FAHOLD@277-480VAC			
	Driver Model	LF-FAA150@120-277VA (Non-isolated driver) R1-V150B-260B12@277-480VAC (Non-isolated driver)			
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV			
	Dimming	0-10V dimming (dimming scope 0-100%)			
	Sensor Type	Daylight Sensor <sup>1</sup> , Occupancy Sensor <sup>2</sup> , Multifunction Sensor <sup>3</sup> , Integral Sensor Receptacle			
	Optional Accessory	AC/DC Motion Microwave sensor <sup>4</sup> , AC/DC Motion PIR Sensor <sup>5</sup> , Emergency Power Supply <sup>6</sup>			
<b>MATERIALS</b>	LED Brand	Lumileds			
	LED Type	SMD 2835			
	LED QTY	624 PCS			
	Housing	Aluminum + IRON			
	Housing Color	White (or Customized*)			
	Waterproof Rating	DAMP (IP20)			
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -40°C TO 60°C			
		With Motion Sensor: -30°C TO 60°C			
		With Emergency Power Supply: 0°C TO 50°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
Warranty	5 years				

\*Customizable CCT, voltage, and/or finish options available via Special Order. Please call 1-800-624-4488 for more information.

## PACKAGE Drop test: ISTA-3B

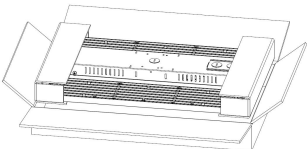
	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	480*320*75 MM [ 18.9*12.6*2.95 inch]	1 PC	2.8KG [ 6.16LBS ]	3.7KG [ 8.14LBS ]

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

### Optional Accessories:

- <sup>1</sup>Daylight Sensor - NPS-00014\*
- <sup>2</sup>Occupancy Sensor - PLT-12844
- <sup>3</sup>Multifunction Sensor - NPS-00016\*
- <sup>4</sup>AC/DC Motion Microwave Sensor - NPS-00018\*
- <sup>5</sup>AC/DC Motion PIR Sensor - NPS-00019\*
- <sup>6</sup>Emergency Power Supply - NPS-00020\*
- Motion Sensor Remote - PLTS-12281 (use w/ PLT012844)

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



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Photometric Results

CIE Class: Direct

Measurement Flux: 25299.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H144,H90.2

Vertical Diffuse Angle(10%,50%): V133.6,V91.1

Luminaire Efficacy Rating (LER): 160.92

Max. Intensity: 11400.11 cd

S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 25299.1 lm

Efficiency: 100%

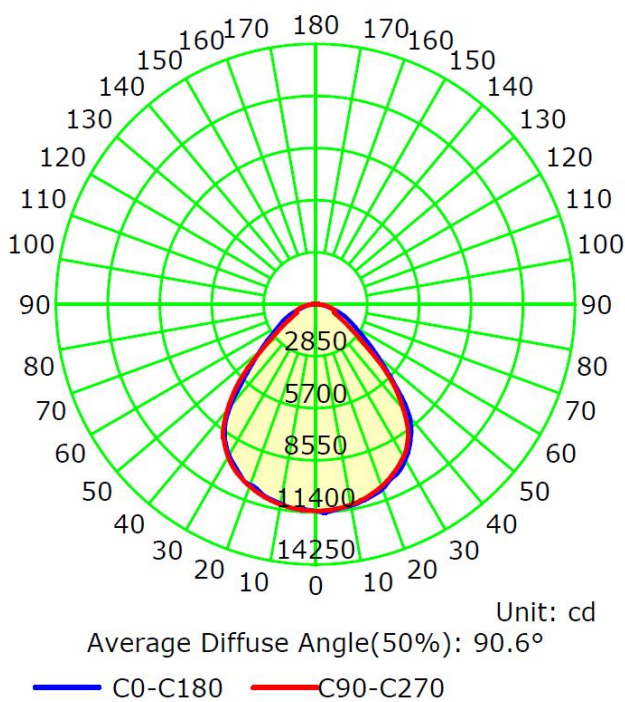
Upward Ratio: 0%

C0r0 Intensity: 11319.16 cd

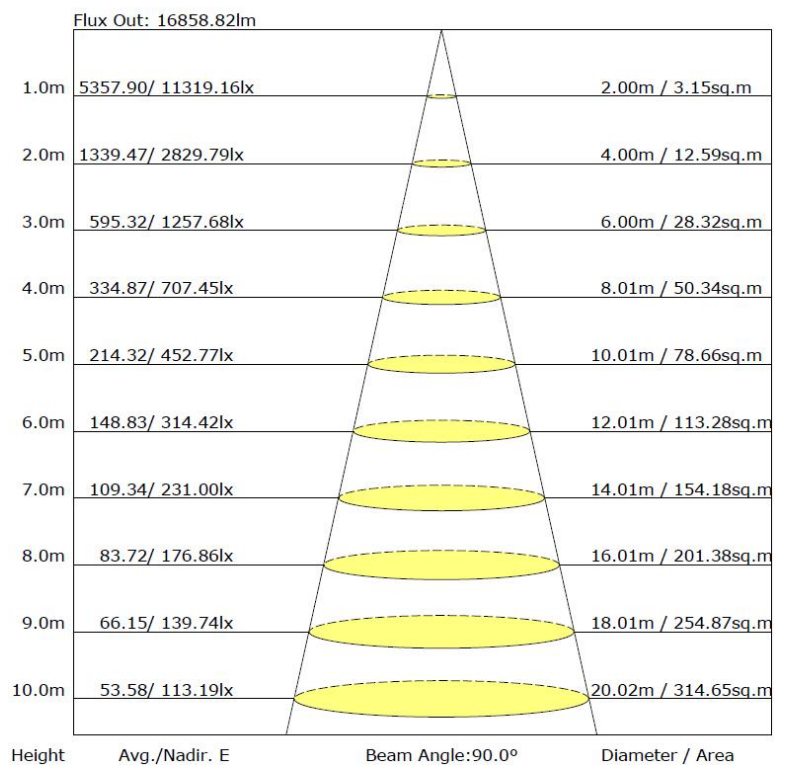
Pos of Max. Intensity: H0 V3

S/MH(C90/C270): 1.26

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### 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.