



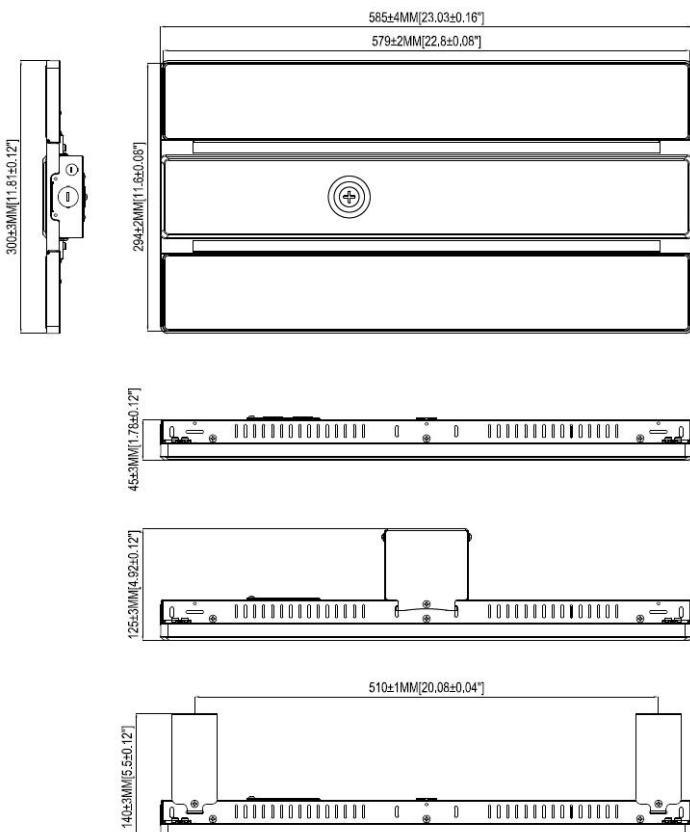
**PLT-12724 - 320W, 5000K,
1000W MH Equal - 50,560
Lumens - Sensor Ready**



*Custom mounting options available via Special Order. Please call 1-800-624-4488.
**Custom voltage options available via Special Order. Please call 1-800-624-4488.



DIMENSIONS



ADVANTAGE

- UL cUL certificate.
- Lumileds Chip
- Input voltage 120-277VAC (120-347 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

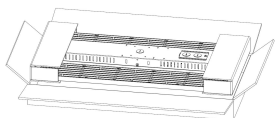
OPTICAL	Input Power (Tolerance : ±10%)	320W (or Wattage adjustable / 25-100%*)			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : ±10%)	49750LM	50560LM	50560LM	49750LM
	Efficacy (Tolerance : ±3%)	157LM/W	160LM/W	160LM/W	157LM/W
	CRI	>80			
	Color Consistency	<7 Steps (or <7 SDCM)			
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)			
	Diffuser Type	TYPE V			
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 120-347* or 277-480* VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	≤5%			
	Driver Brand	LIFUD@120-277VAC/120-347VAC, FAHOLD@277-480VAC			
	Driver Model	LF-FAA320@120-277VA	(Non-isolated driver)		
		LF-FCA320@120-347VA	(Non-isolated driver)		
		R1-V320B-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 ¹ , Occupancy Sensor ² , Multifunction Sensor ³ , Integral Sensor Receptacle				
Optional Accessory	AC/DC Motion Microwave Sensor ⁴ , AC/DC Motion PIR Sensor ⁵ , Emergency Power Supply ⁶				
MATERIALS	LED Brand	Lumileds			
	LED Type	SMD 2835			
	LED QTY	936 PCS			
	Housing	Aluminum + IRON			
	Housing Color	White (or Customized*)			
	Waterproof Rating	DAMP (IP20)			
OTHERS	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)	605*320*75 MM [23.82*12.6*2.95 inch]	1 PC	3.8KG [7.92LBS]	4.7KG [9.9LBS]

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



Optional Accessories:

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

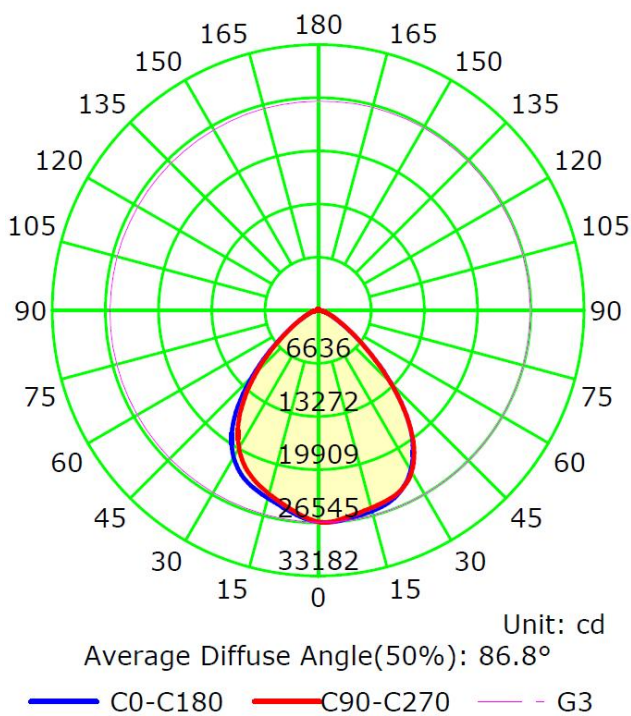
*Special order items. Please call 1-800-624-4488 for more information.

LIGHT DISTRIBUTION TESTING PARAMETERS

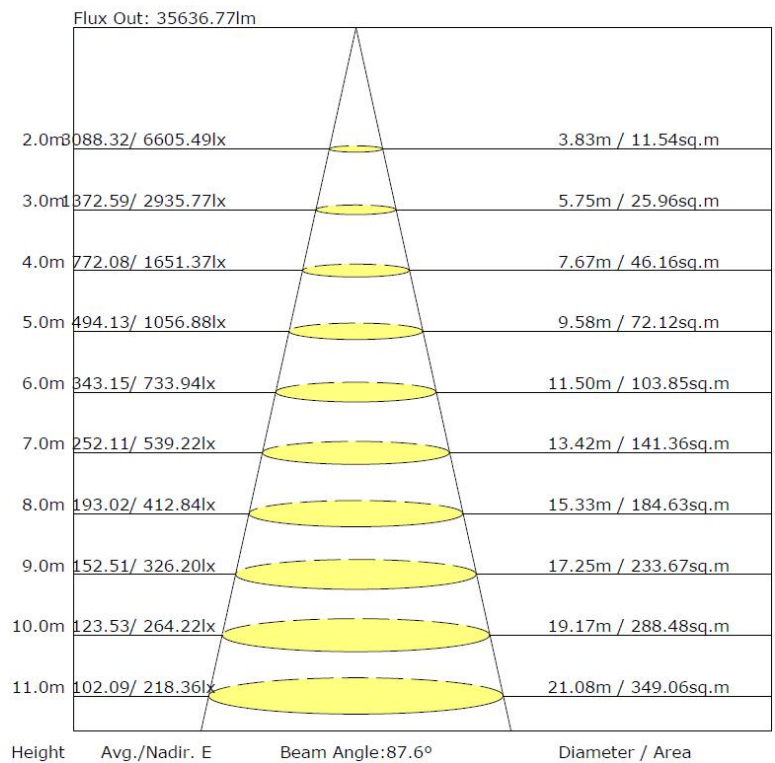
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 51429.3 lm
Measurement Flux: 51429.3 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H124.8,H87.6	Central Intensity: 26421.96 cd
Vertical Diffuse Angle(10%,50%): V125.5,V86.2	Pos of Max. Intensity: H22.5 V3
Luminaire Efficacy Rating (LER): 162.49	S/MH(C90/C270): 1.21
Max. Intensity: 26545.91 cd	
S/MH(C0/C180): 1.23	

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.