



PLT-12730 - 255/275/300W, Up to 42,423 Lumens, 4000K/5000K

Light panels have 135-degrees of outward rotation



3.28' Chains & V-hooks



Pendant*

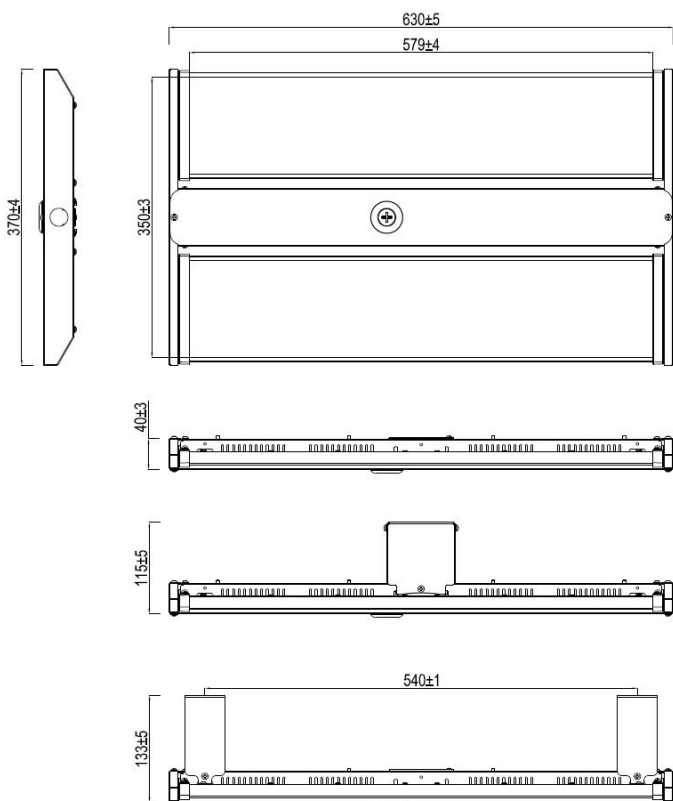


Surface Mount Brackets*

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



DIMENSIONS



ADVANTAGE

- UL Certificate
- Lumileds Chip
- Input voltage 120-277VAC.
- Color tunable.
- Wattage adjustable.
- 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

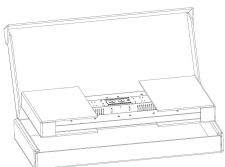
OPTICAL	Input Power (Tolerance : ±10%)	300W (Wattage adjustable range: 300W/275W/255W)	
	Color Temperature (Color Tunable)	4000K	5000K
	Lumen (Tolerance : ±10%)	42076 LM @300W	42423 LM @300W
	Efficacy (Tolerance : ±3%)	140 LM/W @300W	138 LM/W @300W
	CRI	>80	
	Color Consistency	<7 Steps (or <7 SDCM)	
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)	
	Diffuser Type	Matte 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	≤5%	
	Driver Brand	LIFUD	
	Driver Model	LF-FAA320 (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(9W/90min or 16W/90min) ⁶	
MATERIALS	LED Brand	Lumileds	
	LED Type	SMD 2835	
	LED QTY	1092 PCS	
	Housing	IRON + Aluminum	
	Housing Color	White (or Customized*)	
	Waterproof Rating	DAMP (IP20)	
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -30°C TO 50°C	
		With Motion Sensor: -30°C TO 50°C	
		With Emergency Power Supply: 0°C TO 50°C	
	Storage Temperature	-30°C TO 80°C	
	Operating Humidity	20% - 90% RH	
	Storage Humidity	10% - 95% RH	
Warranty	5 years		

*Custom finish options available via Special Order. Call 1-800-624-4488

PACKAGE Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	680*390*65 MM	1 PC	3.5KG/PC	4.5KG

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*
- ⁷Emergency Power Supply - NPS-00020*
- Motion Sensor Remote - PLTS-12281 (use w/ PLT-12844)

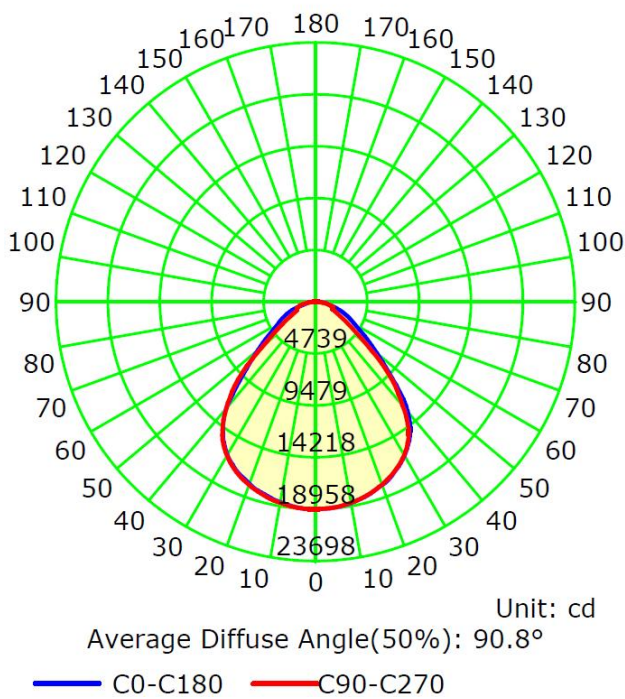
*Special order items. Please call 1-800-624-4488 for more information.

LIGHT DISTRIBUTION TESTING PARAMETERS

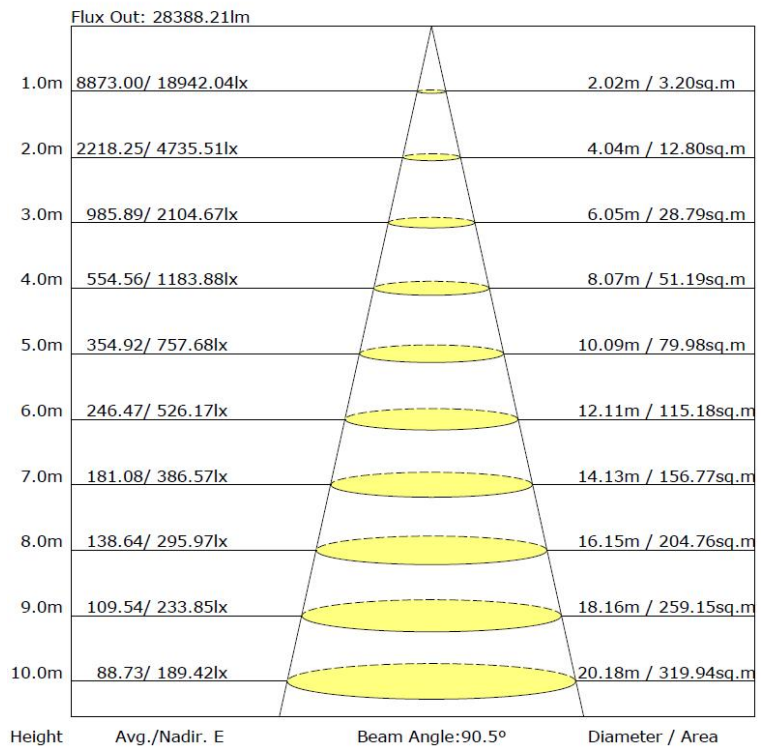
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 40729.2 lm
Measurement Flux: 40729.2 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H145.2,H90.5	
Vertical Diffuse Angle(10%,50%): V130,V91	
Luminaire Efficacy Rating (LER): 139.04	C0r0 Intensity: 18942.04 cd
Max. Intensity: 18958.41 cd	Pos of Max. Intensity: H225 V1
S/MH(C0/C180): 1.26	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.