



PLT-12726 - 300W, 41,943 Lumens, 5000K, 1000W MH Equal, Sensor Ready

Light panels have 135-degrees of outward rotation



3.28' Chains & V-hooks



Pendant*

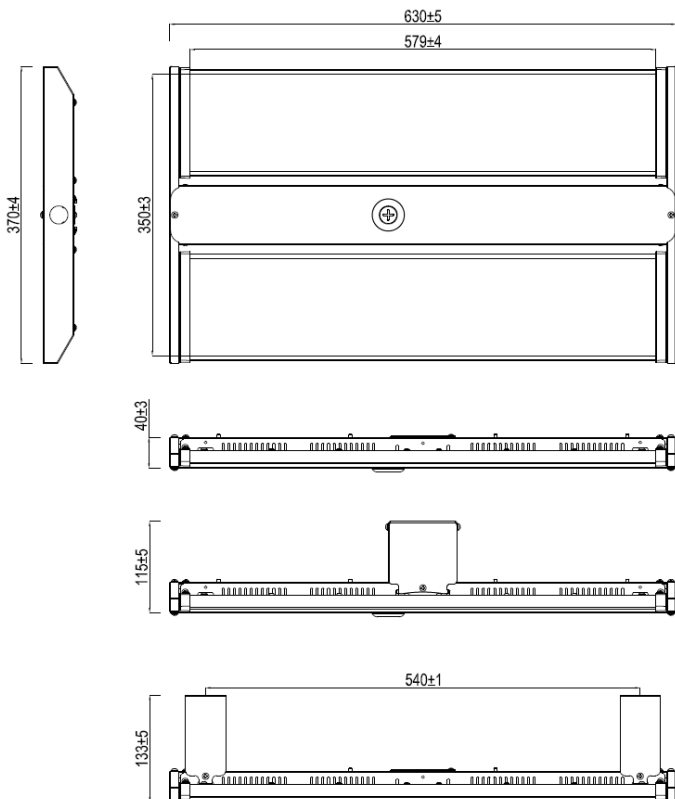


Surface Mount Brackets*

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



DIMENSIONS



ADVANTAGE

- UL
- Lumileds 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.
- Green and eco-friendly without mercury.

APPLICATION

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

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : ±10%)	41263 LM	41511 LM	41943 LM	42000 LM
	Efficacy (Tolerance : ±3%)	136 LM/W	137 LM/W	138 LM/W	138 LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 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	≤30%			
	Driver Brand	Tosmart			
	Driver Model	AST-CNB-150U-130V+ AST-CNB-150U-130V-A (Non-isolated driver) AST-CNB-150U-130V x 2PCS (Non-isolated driver)			
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV			
	Dimming	0-10V dimming			
	Sensor Type	Daylight Sensor ¹ , Occupancy Sensor ² , Multifunction Sensor ³			
	Optional Accessory	AC/DC Motion Microwave Sensor ⁴ , AC/DC Motion PIR Sensor ⁵			
MATERIALS	LED Brand	Lumileds			
	LED Type	SMD 2835			
	LED QTY	644 PCS			
	Housing	IRON + Aluminum			
	Housing Color	White (or Customized*)			
	Waterproof Rating	DAMP (IP20)			
OTHERS	Operating Temperature	Without Motion Sensor: -30°C TO 50°C			
		With Motion Sensor: -30°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

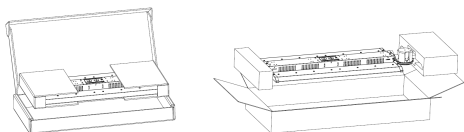
	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	680*390*65 MM	1 PC	3.6KG/PC	4.7KG
Outer box(AC Sensor)	775*410*100 MM	1 PC	4.0KG/PC	5.5KG

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*
- Motion Sensor Remote - PLTS-12281 (use w/ PLT-12844)

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

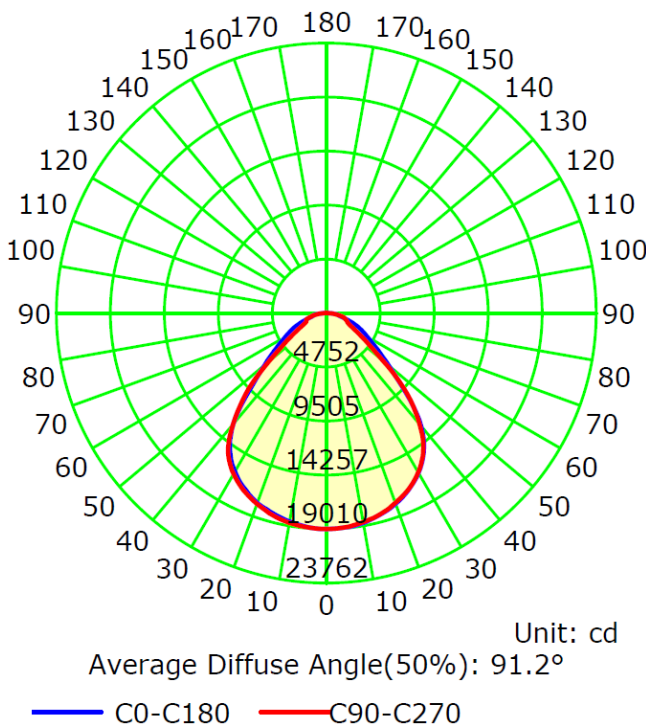


LIGHT DISTRIBUTION TESTING PARAMETERS

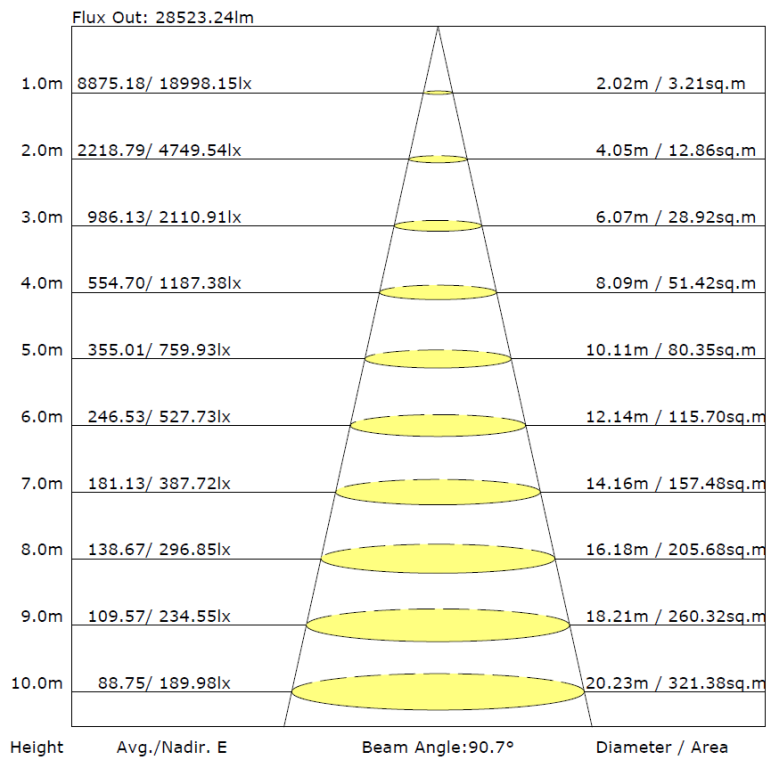
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 41262.5 lm
Measurement Flux: 41262.5 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H144.8,H90.7	
Vertical Diffuse Angle(10%,50%): V138,V91.8	
Luminaire Efficacy Rating (LER): 135.97	C0r0 Intensity: 18998.15 cd
Max. Intensity: 19010.31 cd	Pos of Max. Intensity: H180 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.