



PLT-13082 - 180/200/220W, up to 31,888 Lumens, 4000K/5000K, White Finish



Chain and V-hooks



Cable and V-hooks*



Pendant Mount*

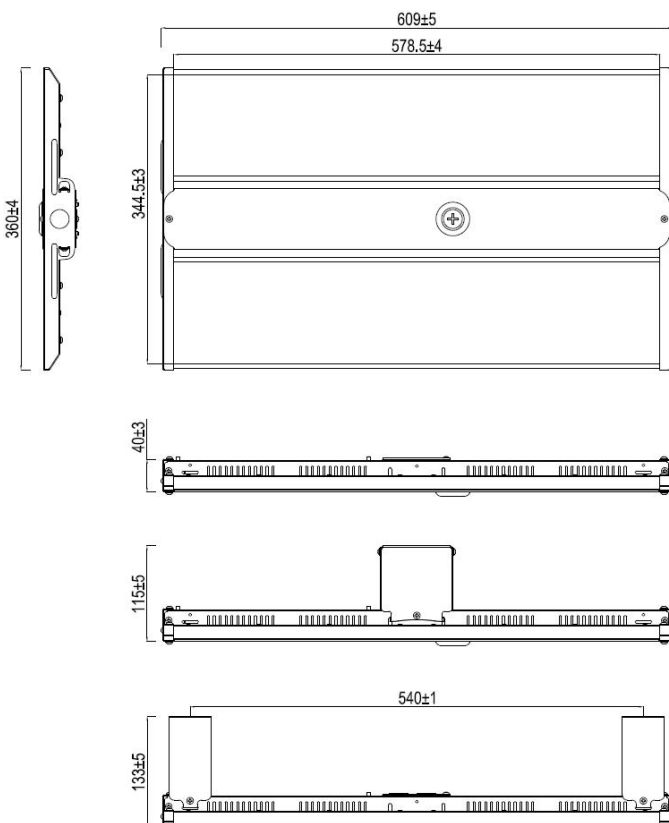


Surface Mounting*

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



DIMENSIONS



ADVANTAGE

- UL cUL
- 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%)	220W (Wattage adjustable range: 180W, 200W, 220W)	
	Color Temperature (Color Tunable)***	4000K	5000K
	Lumen (Tolerance : ±10%)***	31,256 LM @220W	31,888 LM @220W
	Efficacy (Tolerance : ±3%)***	142 LM/W @220W	145 LM/W @220W
	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	BECKY	
	Driver Model	BQE200A-260-PVF-AUX (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 ⁴	
	Optional Accessory	AC/DC Motion Microwave sensor ⁵ , AC/DC Motion PIR sensor ⁶ , Emergency Power Supply(9W/90min or 16W/90min) ⁷	
MATERIALS	LED Brand	Lumileds	
	LED Type	SMD 2835	
	LED QTY	756 PCS	
	Housing	IRON	
	Housing Color	White (or Customized*)	
	Waterproof Rating	DAMP (IP20)	
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -30℃ TO 50℃	
		With Motion Sensor: -30℃ TO 50℃	
		With Emergency Power Supply: 0℃ TO 50℃	
	Storage Temperature	-30℃ TO 80℃	
	Operating Humidity	20% - 90% RH	
	Storage Humidity	10% - 95% RH	
Warranty	5 years		

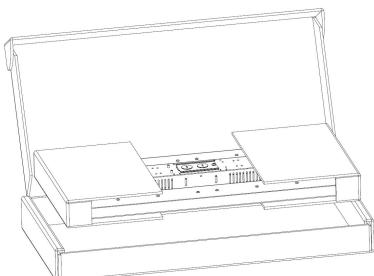
*Alternate color temperatures and/or finishes available via Special Order. Please call 1-800-624-4488.

***See Selectable Table on page 4 for full breakdown.

PACKAGE Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	660*380*65 MM	1 PC	3.1KG/PC	4.2KG

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



Optional Accessories:

¹Daylight Sensor - NPS-00014**

²Occupancy Sensor - NPS-00015**

³Multifunction Sensor - NPS-00016**

⁴Integral Sensor Receptacle - NPS-00017**

⁵AC/DC Motion Microwave Sensor - NPS-00018**

⁶AC/DC Motion PIR Sensor - NPS-00019**

⁷Emergency Power Supply (9/16W, 90min) - NPS-00020**

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

LIGHT DISTRIBUTION TESTING PARAMETERS

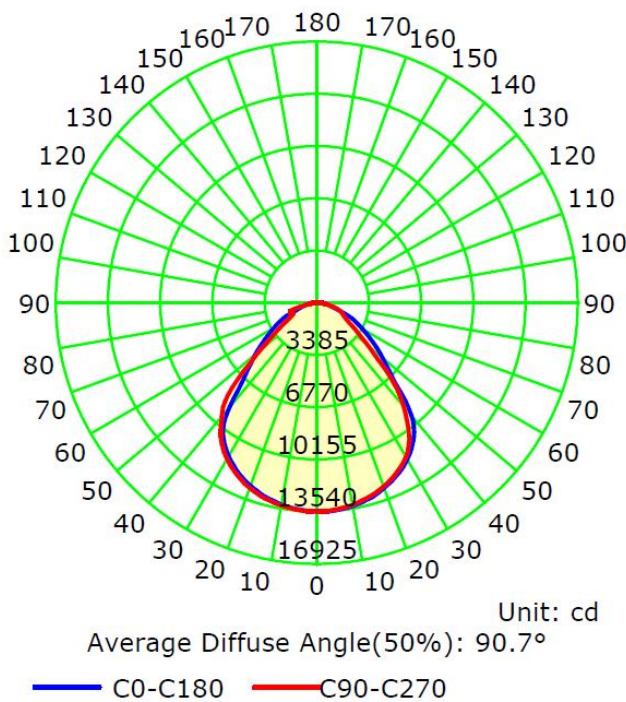
Photometric Results

CIE Class: Direct
 Measurement Flux: 29953.4 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H90.1
 Vertical Diffuse Angle(50%): V91.4
 Luminaire Efficacy Rating (LER): 141.12
 Max. Intensity: 13540.06 cd
 S/MH(C0/C180): 1.27

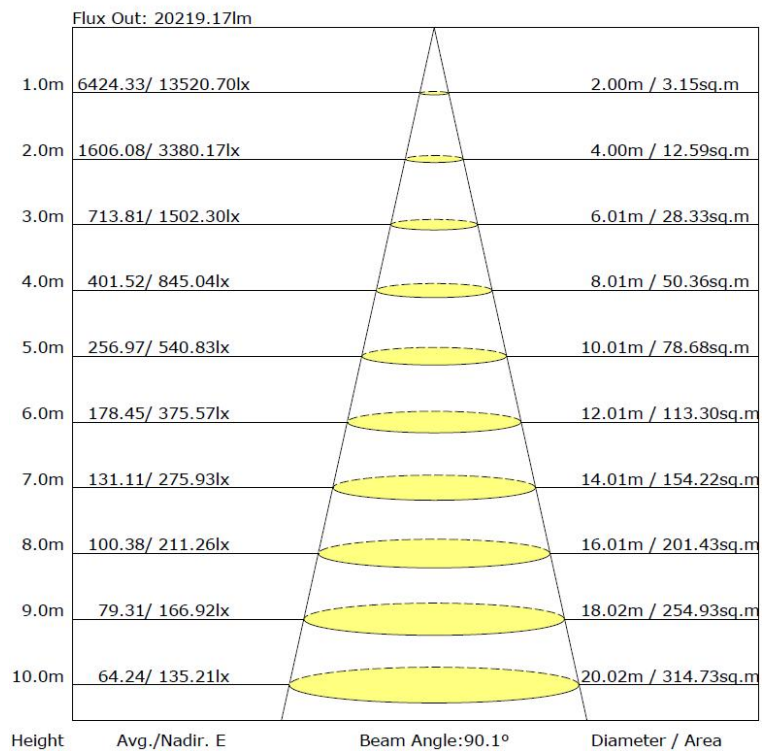
Total Rated Lamp Lumens: 29953.4 lm
 Efficiency: 100%
 Upward Ratio: 1%

C0r0 Intensity: 13520.7 cd
 Pos of Max. Intensity: H22.5 V2
 S/MH(C90/C270): 1.27

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.



SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
180W	4000K	27,392	152
	5000K	28,078	156
200W	4000K	29,784	135
	5000K	30,397	152
220W	4000K	31,256	142
	5000K	31,888	145