



**PLT-12728** - 130/150/165W, Up to 23,445 Lumens, 4000K/5000K

Light panels have 135-degrees of outward rotation



3.28' Chains & V-hooks



Pendant\*

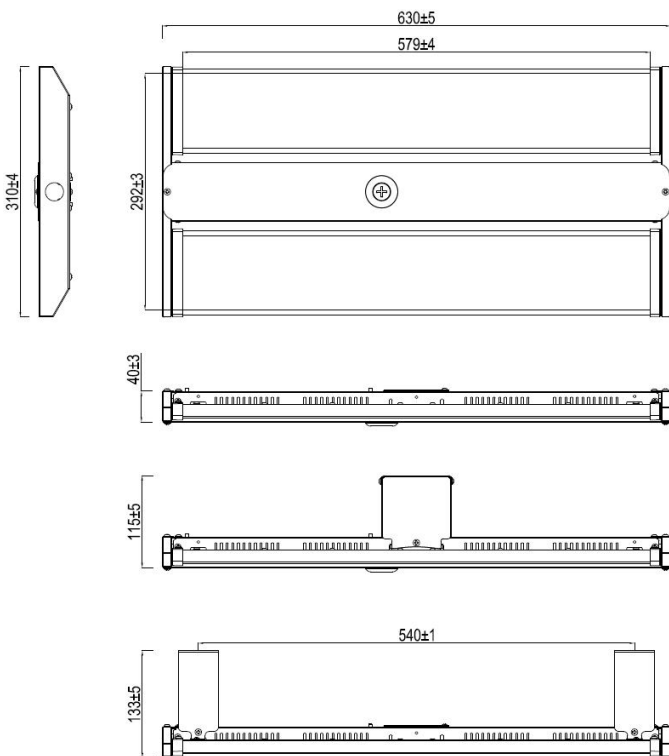


Surface Mount Brackets\*

\*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**

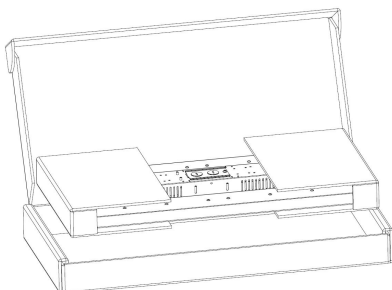
|                   |                                     |  |                |
|-------------------|-------------------------------------|--|----------------|
| <b>OPTICAL</b>    | Input Power (Tolerance : ±10%)      | 165W ( Wattage adjustable range: 165W/150W/130W )  |                |
|                   | Color Temperature (Color Tunable)   | 4000K  | 5000K          |
|                   | Lumen (Tolerance : ±10%)            | 22903 LM @165W   | 23445 LM @165W |
|                   | Efficacy (Tolerance : ±3%)          | 139 LM/W @165W   | 139 LM/W @165W |
|                   | CRI                                 | >80  |                |
|                   | Color Consistency                   | <7 Steps (or <7 SDCM)  |                |
|                   | UGR                                 | <27 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)   |                |
|                   | Diffuser Type                       | Matte Lens   |                |
|                   | Beam Angle (50%) (Tolerance : ±15%) | 90 Degree  |                |
| <b>ELECTRICAL</b> | 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                        | BQE160C-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 <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(9W/90min or 16W/90min) <sup>6</sup> |                |
| <b>MATERIALS</b>  | LED Brand                           | Lumileds   |                |
|                   | LED Type                            | SMD 2835   |                |
|                   | LED QTY                             | 576 PCS  |                |
|                   | Housing                             | IRON   |                |
|                   | Housing Color                       | White (or Customized*)   |                |
|                   | Waterproof Rating                   | DAMP (IP20)  |                |
| <b>OTHERS</b>     | 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*330*65 MM | 1 PC         | 2.7KG/PC            | 3.7KG                 |

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>5</sup>AC/DC Motion Microwave Sensor - NPS-00018\*
- <sup>6</sup>AC/DC Motion PIR Sensor - NPS-00019\*
- <sup>7</sup>Emergency Power Supply - NPS-00020\*
- Motion Sensor Remote - PLTS-12281 (use w/ PLT-12844)

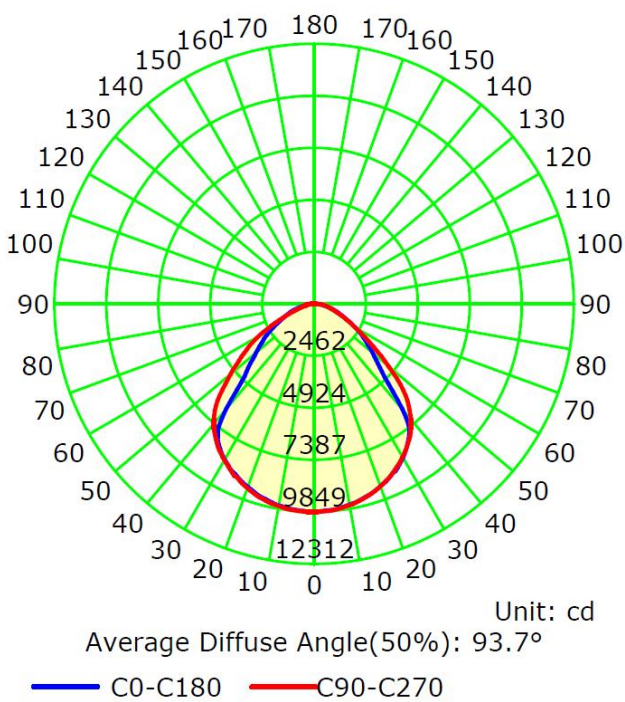
\*Special order items. Please call 1-800-624-4488 for more information.

**LIGHT DISTRIBUTION TESTING PARAMETERS**

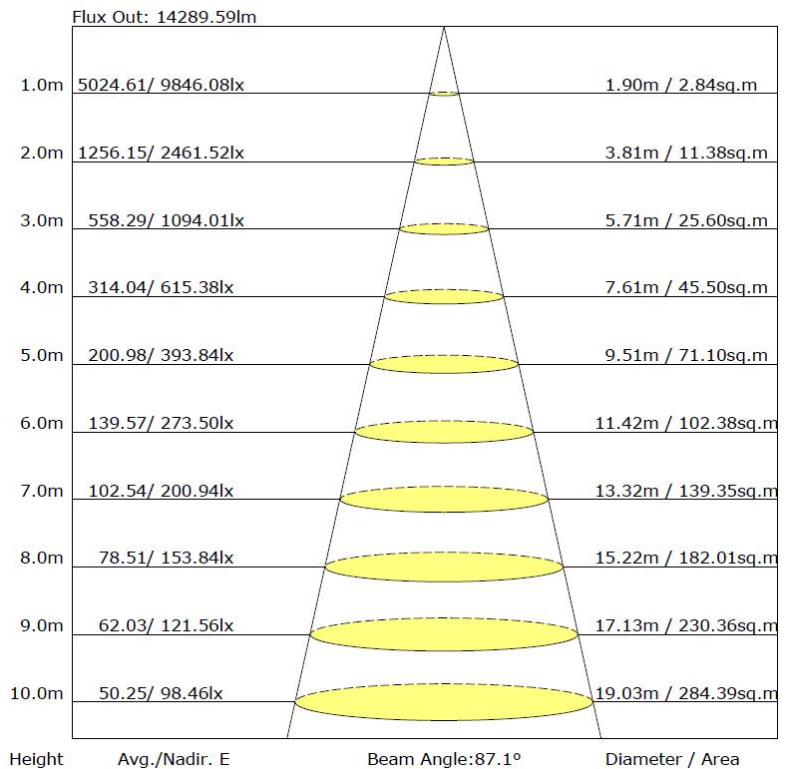
**Photometric Results**

|  |                                     |
|--|-------------------------------------|
| CIE Class: Direct                              | Total Rated Lamp Lumens: 22597.4 lm |
| Measurement Flux: 22597.4 lm                   | Efficiency: 100%                    |
| Downward Ratio: 100%                           | Upward Ratio: 0%                    |
| Horizontal Diffuse Angle(10%,50%): H146,H87.1  |                                     |
| Vertical Diffuse Angle(10%,50%): V142.2,V100.2 |                                     |
| Luminaire Efficacy Rating (LER): 141.70        | C0r0 Intensity: 9846.08 cd          |
| Max. Intensity: 9849.75 cd                     | Pos of Max. Intensity: H247.5 V1    |
| S/MH(C0/C180): 1.27                            | S/MH(C90/C270): 1.28                |

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.  |