

150W LED POST TOP LIGHTING

**Features**

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V.
- Die Cast aluminium cooling design, high quality and better cooling for LED $T_j < 85^\circ\text{C}$.
- Excellent Optics design, greatly improve the light utilization and evenness.
- Photocell and Motion Sensor Control Available (Optional).

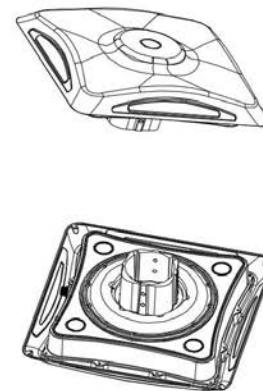
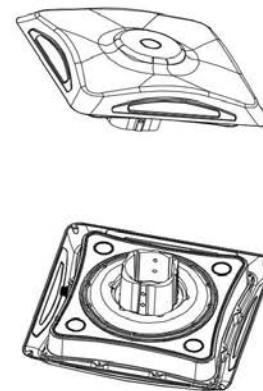
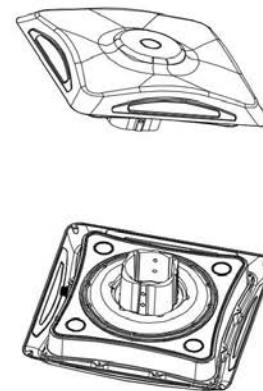
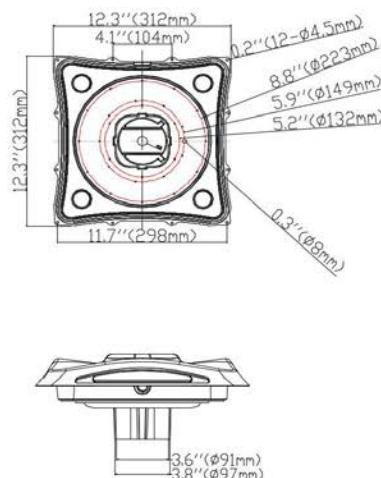
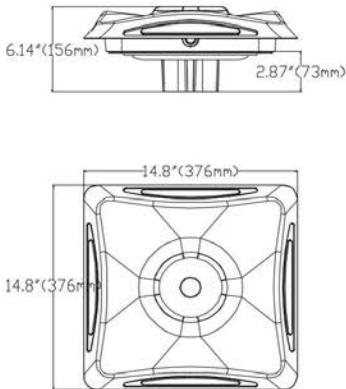
Product Applications and Patent

- LPT LED Post Top Lighting series can be widely used for indoor or outdoor lighting (Wet location) Excellent for Lawns, Courtyards, Roadways and many other applications.
- CHINA PATENT NO.: 201830757982.8.
- U.S PATENTS PENDING.



Specifications

Unit : inch(mm)

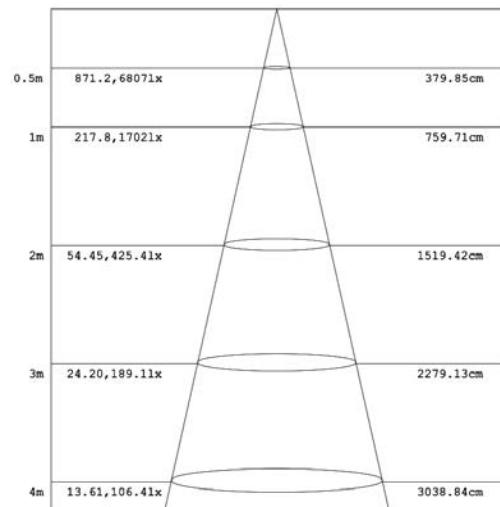
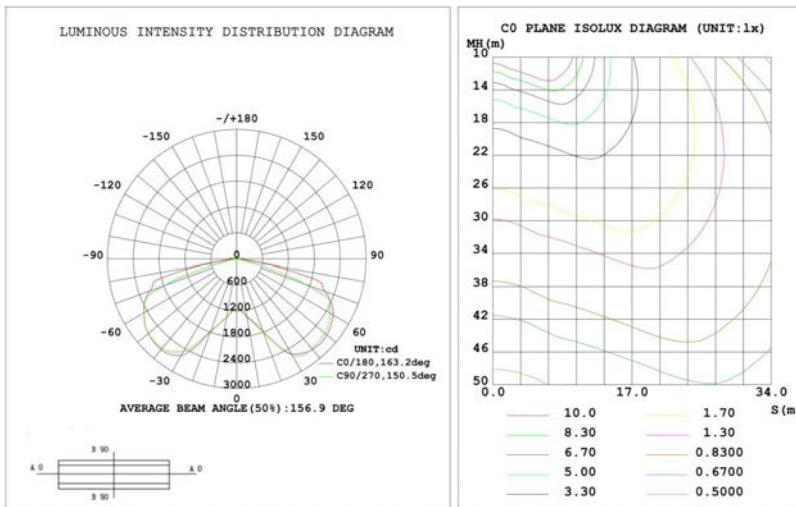


Technical Parameters

CODE: 90257-150

| | | | |
|-------------------|---------------------|----------------------|---------------------|
| Power | 150W | Lighting Angle | Type V |
| Input Voltage | AC120-277V | LED Brightness Decay | <5%/6000 hrs |
| PF | >0.95 | Working Life | >50000 hrs |
| Driver Efficiency | >90% | Working Temperature | -30 - +40°C |
| Luminous Flux | 19968.4 Lm | Storage Temperature | -40 - +80°C |
| Color Temperature | 4000K/5000K | Protection Level | Wet Location/IP66 |
| CRI | Ra>70 | Cable | Input Connect, 0.3m |
| EPA | 1.8 ft ² | Eff | >130 lm/w |

Photometry



| PT | 15W | 27 | XXK | Z | Y | E | |
|---------|----------|-----------|------------|---------------------------|-----------------|-----------|---------------|
| Company | Product | Power | Voltage | Color Temp | Finish | Control | Control |
| | PT | 15W(150W) | 27 | 40K(4000K) | D (Dark Bronze) | P | M |
| LPT | POST TOP | | AC120-277V | 50K(5000K)±500K W (White) | | Photocell | Motion sensor |
| | | | | B (Black) | | | |
| | | | | S (Silvery) | | | |

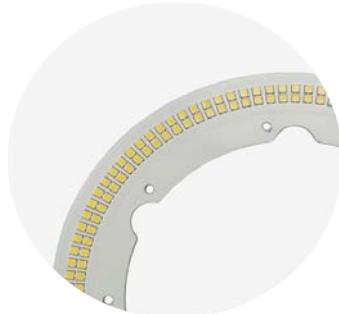
PHOTOCELL & MOTION SENSORS

| | | |
|---|--|--|
|  | <p>Photocell No. JL-413C Rated Voltage: 120-277V The photoelectric switch JL-413 is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level. This product is designed with electronic circuits. Its quicker response with time delay of 3-10 seconds offers easy-to-test feature. Especially, model JL-413C provides a wide voltage range for customer applications under most power supplies.</p> |  <p>Motion Sensor No. BRI816-B-D Finish: White The BRI816-B-D mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations.</p> |
|  <p>Round Post Top Adaptor No. WSD-TADP25-S Finish: Silvery The 2.5 inch adapter is mainly used on the 2.5 inch round light pole. This adapter is an optional accessory, which mainly depends on the actual size of the light pole. The 2.5 inch adapter is needed when using the 2.5 inch light pole, but it is not directly installed when using the 3 inch light pole.</p> | | |

Our products

1 LEDs

Top tier LEDs are driven well below recommended safety limits, on both drive current and junction temperature, to keep components cool – maintaining the life of the LED – allowing for a compact and efficient heat sink design.



3 Heat Sink

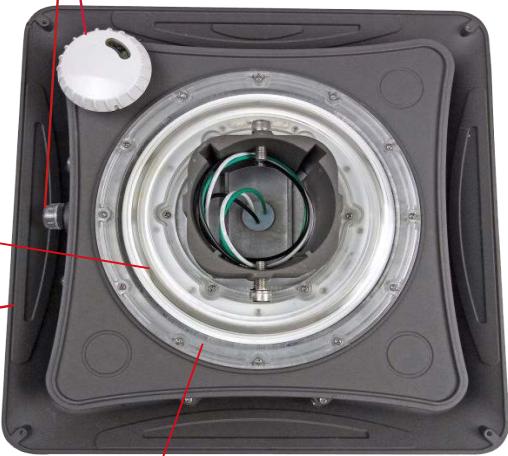
High performance, die cast heat sink transfers heat from the light engine to the environment, via large cooling fins, drawing heat away from the fixture, and extending the lifespan of the LEDs.



2 Control

Photocell and Motion Sensor

Control Available (Sensor can control either option independently or combined).



4 Optical lens

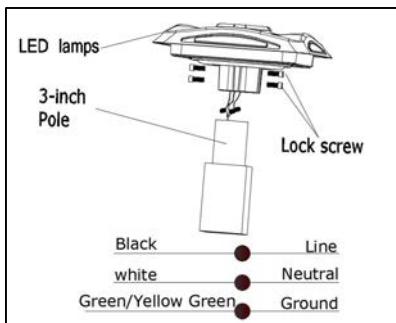
The LED Post Top Lighting optical lens USES high-quality PC material to focus the light emitted by the lamp.

Installation guide

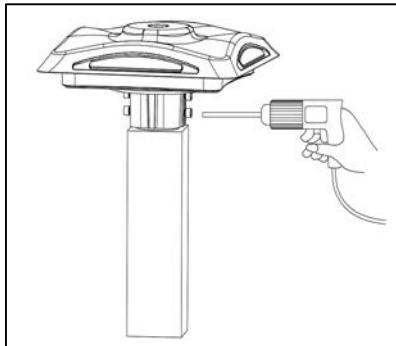
1. Unpacking

Thoroughly inspect the fixture for freight damage. Freight damage should be reported to the delivery carrier.

2. Installation

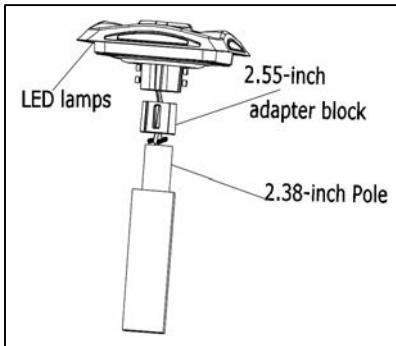


- 1) Connect the AC wire of the lamp as shown in the picture, then insert the lamp into the 3-Inch pole.



- 2) Lock the screws on both sides of the lamp, fix the lamp to the pole.

3. Installation



- 3) When the light pole is 2.38 inches, a 2.5 inch adapter shall be installed on the fixture. Assemble as shown in the picture and tighten the bolts on both sides of the lamp

4. Checking

- 1) Do all of the wires connect as described in the above pictures?
- 2) Is the ground lead installed properly?
- 3) Does the photo cell function?