



The post top provides a unique, scalable lighting solution targeted for 8' to 20' mounting heights. Its design brings proportion to parking lots, drive lanes, entrances, building perimeters and pathways. The excellent optical design that deliver the smooth light with a very good uniformity. The structure is clean and more popular, promotes harmony between the outdoor lighting and architecture.



SPECIFICATION FEATURES

Construction

- Rugged die-cast aluminum housing secures the thermally conductive LED panel and electrical cha.
- Show off urban style by the simple shape and the solid material.
- Housing is completely sealed against moisture and environmental contaminants.

Optics

- Light engines are available in adjustable color temperature (3000K&4000K&5000K) configurations.
- Scalable Lumen Packages from up to 17,200 Lumens.
- High performance UV stabilized optical grade polymer optic lenses to achieve desired distribution optimized to get target lumens and a superior lighting uniformity.
- The optics can conform to dark sky requirement.

Electrical

- Universal 120-277 VAC or 347-480 VAC input voltage.
- Standard with 0-10V dimming allowing for 10% to 100% dimming.
- The 130W optional for 4 positions wattage regulation: 130W, 87W, 70W, 45W.
- THD: ≤20%
- Power Factor: ≥90%

Controls

- Optional occupancy sensor.
- Optional Photocell.

Ambient Temperature

- Ambient operating temperature -40°C to 45°C (-40°F to 113°F).

Lifespan

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year warranty.

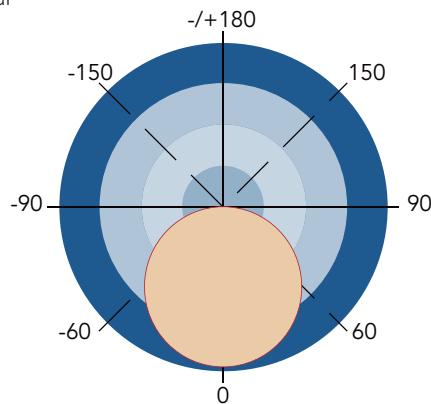
Certifications

- UL cUL wet location listed.
- DesignLights Consortium™ Qualified.

Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

PHOTOMETRICS

General



Finish

- It's available in black or optional dark bronze, silvery gray or white.



Black



Dark Bronze



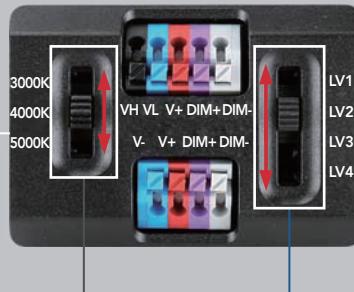
Silver Gray



White

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.



CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.

CCT SELECT



Offer three CCT adjustable (3000K, 4000K, 5000K).

WATTAGE SELECT



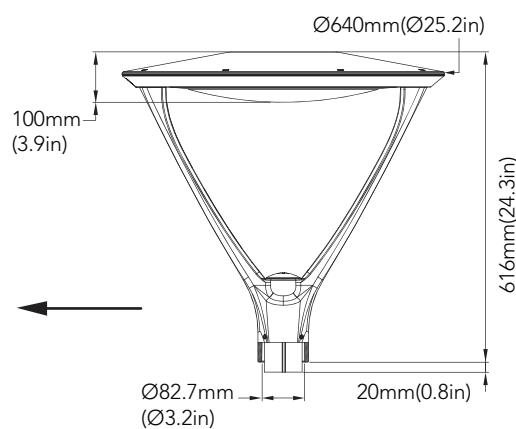
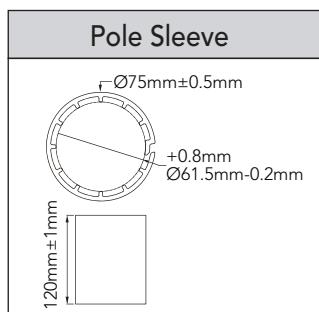
Each model supports 4 positions wattage regulation: 130W, 87W, 70W, 45W

DIMENSION

unit: mm/inch

Net weight:

130W: 25.699lbs



EPA OF POST TOP

| | |
|------|--------|
| Item | |
| EPA | 0.9696 |

ADJUSTABLE LUMEN OUTPUT TABLE

| SWITCH SETTING | SETTING WATTS | VOLTAGE | CRI | LUMENS 3000 K | LPW 3000 K | LUMENS 4000 K | LPW 4000 K | LUMENS 5000 K | LPW 5000 K |
|----------------|---------------|------------|-----|---------------|------------|---------------|------------|---------------|------------|
| LV1 | 130W | 120-277VAC | 70 | 16000 lm | 123 lm/W | 17200 lm | 132 lm/W | 16300 lm | 125 lm/W |
| LV2 | 87W | 120-277VAC | 70 | 11600 lm | 133 lm/W | 12000 lm | 138 lm/W | 11800 lm | 136 lm/W |
| LV3 | 70W | 120-277VAC | 70 | 9700 lm | 139 lm/W | 10000 lm | 143 lm/W | 9900 lm | 141 lm/W |
| LV4 | 45W | 120-277VAC | 70 | 6500 lm | 144 lm/W | 6700 lm | 149 lm/W | 6600 lm | 147 lm/W |

ELECTRICAL DATA

| NUMBER OF DRIVERS | DRIVER CURRENT (mA) | NOMINAL POWER (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 2 | 3500 | 130 | 120 | 1.08 |
| | | 130 | 208 | 0.63 |
| | | 130 | 240 | 0.54 |
| | | 130 | 277 | 0.47 |

ACCESSORIES (Optional)

| | |
|---|---|
|  <p>PIR Motion Sensor, 120-277V USE: Sensor can be pre-installed in factory or field installed.</p> |  <p>Photocell - 120V-277V 347V/480V USE: Photocell is field installed.</p> |
|---|---|

ORDERING GUIDE

Example: IMPL01130W27VYYYYYY

| IUS | FixtureType | Power Consumption | Voltage | CCT | Finish | Photocell (Option) | Sensor (Option) | Photometry | Internal Code |
|-----|-------------------------|-------------------|-----------------|----------------------------------|---|--|--|-----------------------------|-----------------------|
| I | MPL01 Post Top Light | 130W | 27V 120-277V | DDK Adjustable color temperature | D Dark Bronze B Black W White SG Silver Gray | P0 120-277V Photocell Blank Without Photocell | M With Motion Sensor Blank Without Sensor | Blank General Photometry | Blank Alphanumeric |