



## POST TOP LIGHT

## SERIES GKOPTG4



### Product Overview

The Power & CCT Selectable series GKOPTG4 Post Top Light is available with a Frosted Diffuser or Field Adjustable Optics that allow the lighting professional to choose between Type III, Type IV, and Type V output on-site.

PENDING



### Key Features

#### CONSTRUCTION:

- Rugged die-cast aluminum housing.
- Housing is completely sealed against moisture and environmental contaminants.
- EPA: 0.34 Sq. Ft.

#### FINISH:

- The exterior is protected by a rust-resistant dark bronze, black, or white powder coat finish that provides superior resistance to weathering and corrosion.
- Field adjustable optics model is available in dark bronze finish only.

#### OPTICS:

- Light engines are available in selectable 3000K, 4000K and 5000K configurations.
- A range of lumen options available from 7,200 to 16,510 Lumens, replaces up to 400W metal halide.
- Polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing.
- Available with frosted diffuser, special order prismatic diffuser, or field adjustable optics that allow selection between Type III, Type IV, and Type V light output.

#### ELECTRICAL:

- 120-347V or 277-480V input voltage. 277-480V is special order only, contact customer service for lead time.
- Built-in 6kV surge protection with additional optional 10kV for 120-277V or 20kV for 277-480V (factory-installed, extended lead time).
- 0-10V dimming driver(s) standard.
- THD: ≤20%, Power Factor: ≥90%.

#### LISTINGS:

- DesignLights Consortium® (DLC) Premium qualified (pending).
- UL certified for wet locations.
- Rated for ambient operating temperature -40°F to 104°F (-40°C to 40°C).

#### CONTROLS:

- Power & CCT adjustment controls are included, enabling power selection from 100%, 80%, 60%, or 40%, and CCT selection from 3000K, 4000K, and 5000K.
- Integrated photocell uses far micro-infrared sensors to accurately distinguish between fixture light and natural ambient light, with cap included to disable. Not compatible with motion sensor.
- Optional plug & play PIR motion sensor - ANT-6-4T (field-installed). Remote required to change default motion sensor settings. Available for white Frosted Diffuser model only. Not compatible with photocell.
- Optional RC-100 motion sensor remote control - required for changing the motion sensor default settings, allows the user to program multiple sensors with ease and program the sensor after the fixture is installed.
- Bluetooth NLC Listed plug & play PIR motion sensor, utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web, optional for all models - ANT-6-4T-BLE-SR (field-installed). Available for white Frosted Diffuser model only. Not compatible with photocell.

#### INSTALLATION:

- Suitable for mounting heights ranging from 9'-12'.
- Compatible with round poles with a standard diameter of 3" and 2 3/8" (requires the use of included vibration-resistant pole sleeve adaptor). Also compatible with 4" and 5" square and round poles with optional pole adaptor (sold separately).

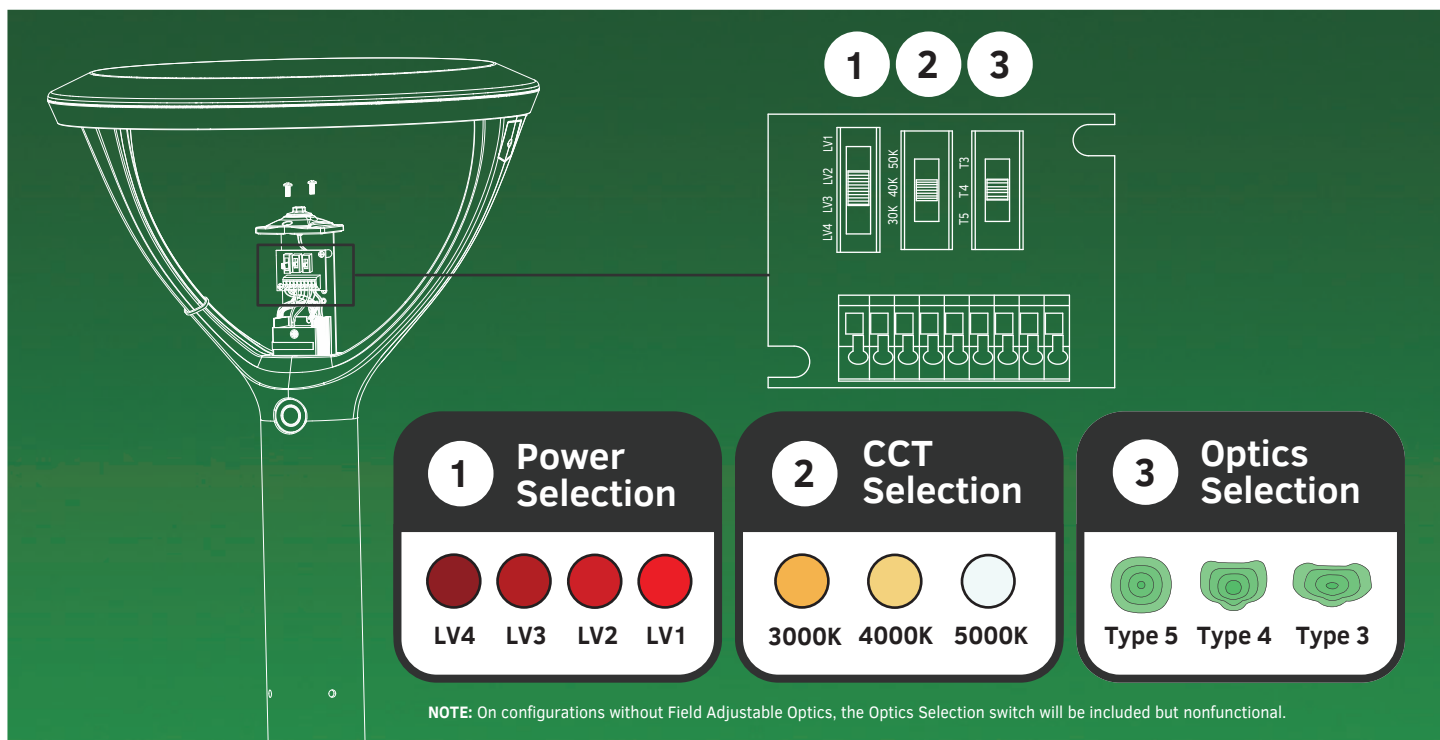
#### WARRANTY:

- 5 Year Limited Warranty.



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Bolingbrook, IL 60440  
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# Power & CCT Adjustment Controls / Field Adjustable Optics



## Performance Data

### Fixed Optics 130W Model

| Setting | System Watts | CRI | Lumens (3000K) | Efficacy (3000K) | Lumens (4000K) | Efficacy (4000K) | Lumens (5000K) | Efficacy (5000K) |
|---------|--------------|-----|----------------|------------------|----------------|------------------|----------------|------------------|
| LV1     | 130W         | 80  | 15500lm        | 119lm/W          | 16500lm        | 127lm/W          | 16000lm        | 123lm/W          |
| LV2     | 104W         | 80  | 12800lm        | 123lm/W          | 13500lm        | 130lm/W          | 13200lm        | 127lm/W          |
| LV3     | 78W          | 80  | 10500lm        | 135lm/W          | 11000lm        | 141lm/W          | 10800lm        | 138lm/W          |
| LV4     | 52W          | 80  | 7200lm         | 138lm/W          | 7600lm         | 146lm/W          | 7400lm         | 142lm/W          |

### Field Adjustable Optics 130W Model - Type 3 / Type 5 Light Distribution

| Setting | System Watts | CRI | Lumens (3000K) | Efficacy (3000K) | Lumens (4000K) | Efficacy (4000K) | Lumens (5000K) | Efficacy (5000K) |
|---------|--------------|-----|----------------|------------------|----------------|------------------|----------------|------------------|
| LV1     | 130W         | 80  | 18000lm        | 138lm/W          | 19500lm        | 150lm/W          | 18500lm        | 142lm/W          |
| LV2     | 104W         | 80  | 15200lm        | 146lm/W          | 16000lm        | 154lm/W          | 15500lm        | 149lm/W          |
| LV3     | 78W          | 80  | 12000lm        | 154lm/W          | 13000lm        | 167lm/W          | 12500lm        | 160lm/W          |
| LV4     | 52W          | 80  | 8500lm         | 163lm/W          | 9000lm         | 173lm/W          | 8750lm         | 168lm/W          |

### Field Adjustable Optics 130W Model - Type 4 Light Distribution

| Setting | System Watts | CRI | Lumens (3000K) | Efficacy (3000K) | Lumens (4000K) | Efficacy (4000K) | Lumens (5000K) | Efficacy (5000K) |
|---------|--------------|-----|----------------|------------------|----------------|------------------|----------------|------------------|
| LV1     | 130W         | 80  | 18500lm        | 142lm/W          | 20000lm        | 154lm/W          | 19500lm        | 150lm/W          |
| LV2     | 104W         | 80  | 15500lm        | 149lm/W          | 16500lm        | 159lm/W          | 16000lm        | 154lm/W          |
| LV3     | 78W          | 80  | 12500lm        | 160lm/W          | 13500lm        | 173lm/W          | 13000lm        | 167lm/W          |
| LV4     | 52W          | 80  | 8700lm         | 167lm/W          | 9500lm         | 183lm/W          | 9100lm         | 175lm/W          |

## Electrical Data

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | Input Voltage (V) | Current (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 600                 | 130               | 120               | 1.08           |
|                   |                     | 130               | 208               | 0.63           |
|                   |                     | 130               | 240               | 0.54           |
|                   |                     | 130               | 277               | 0.47           |
|                   |                     | 130               | 347               | 0.37           |
|                   |                     | 130               | 480               | 0.27           |

## Accessories



### INTEGRATED PHOTOCELL

Included integrated photocell adds dusk to dawn function for additional energy savings, accurately differentiating between fixture light and natural light using far micro-infrared sensors. Cap photocell to disable dusk to dawn function. Not compatible with motion sensor.



### PIR MOTION SENSOR

Optional field-installed plug & play PIR multi-level motion sensor detects occupancy in an area for additional energy savings. Remote required to change default motion sensor settings. Available for white Frosted Diffuser model only. Not compatible with photocell.



### BLUETOOTH NLC LISTED

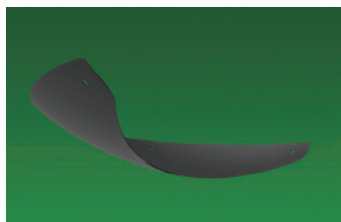
#### PIR MOTION SENSOR

Optional field-installed, center-mounted plug & play Bluetooth PIR motion sensor adds Networked Control functionality utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web. Available for white Frosted Diffuser model only. Not compatible with photocell.



### MOTION SENSOR REMOTE CONTROL

Optional remote control is required to program the motion sensor with advanced lighting control options.



### BACKLIGHT CONTROL

Special order backlight control blocks light spillover to comply with local ordinances.

## Mounting Options



### POLE MOUNT

Default configuration allows mounting on round poles with a standard diameter of 3" and, with the durable vibration-resistant pole sleeve adaptor, round poles with a standard diameter of 2 3/8".



### CONDUIT PENDANT MOUNT

Special order configuration allows mounting with a 1/2" or 3/4" conduit pendant. Contact customer service for lead time.



### GOOSENECK MOUNT

Special order configuration allows mounting with a 1/2" or 3/4" gooseneck. Contact customer service for lead time.



#### WALL MOUNT

Special order configuration allows mounting to a wall. Contact customer service for lead time.



#### SQUARE POLE MOUNT

Special order configuration allows mounting to a square pole. Contact customer service for lead time.



#### SURFACE MOUNT

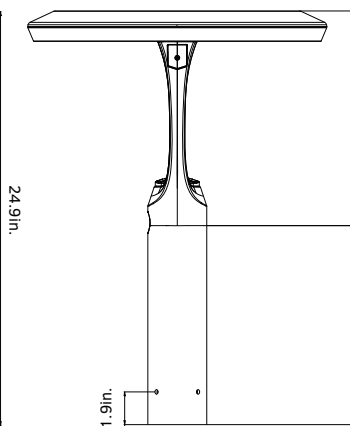
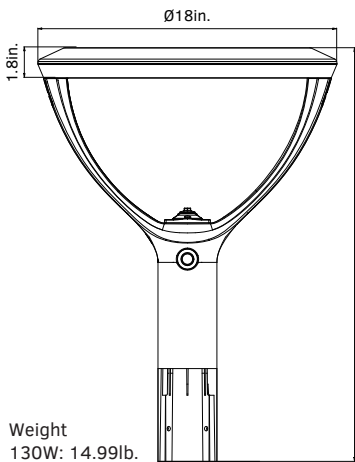
Special order configuration allows flush mounting to a surface. Contact customer service for lead time.

## Additional Accessories

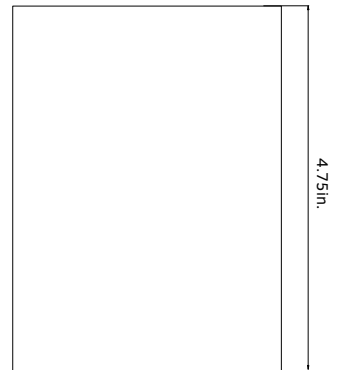
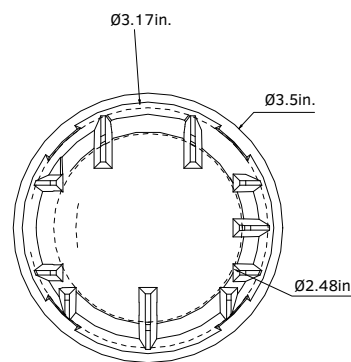
| POLE BRACKET • Optional but required for 4" and 5" square and round poles. |                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                            | <b>4" Square Pole Mount with 2-3/8" O.D. Tenon</b><br><b>No. 4SQ-SP-D</b><br><b>Finish: Dark Bronze</b><br>For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. |  | <b>4" Round Pole Mount with 2-3/8" O.D. Tenon</b><br><b>No. 4SQR-SP-D</b><br><b>Finish: Dark Bronze</b><br>For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. |
|                                                                            | <b>5" Square Pole Mount with 2-3/8" O.D. Tenon</b><br><b>No. 5SQ-SP-D</b><br><b>Finish: Dark Bronze</b><br>For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. |  | <b>5" Round Pole Mount with 2-3/8" O.D. Tenon</b><br><b>No. 5SQR-SP-D</b><br><b>Finish: Dark Bronze</b><br>For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. |

## Dimensions & Weight

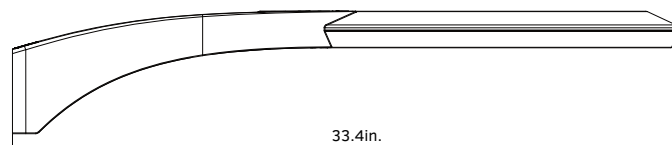
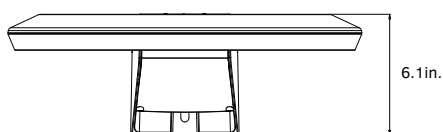
#### With Pole Mount (Default)



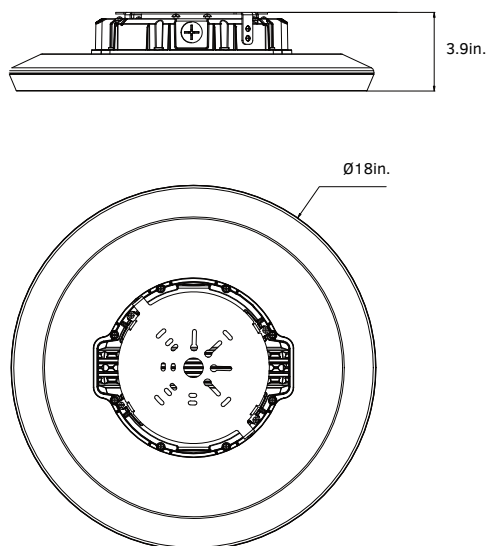
#### Pole Sleeve



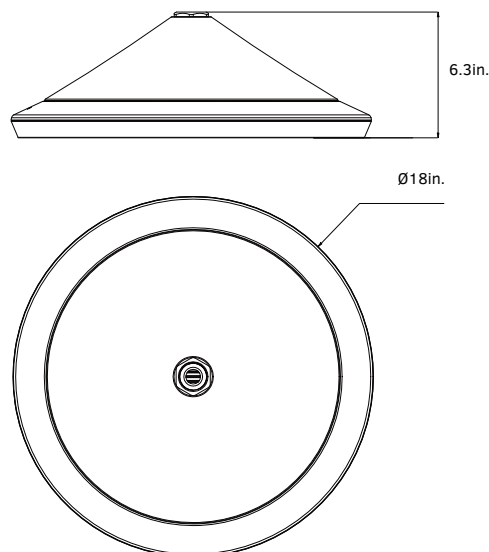
#### With Wall Mount / Square & Round Pole Mount (Special Order)



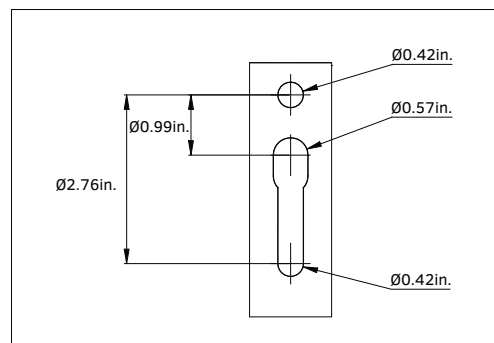
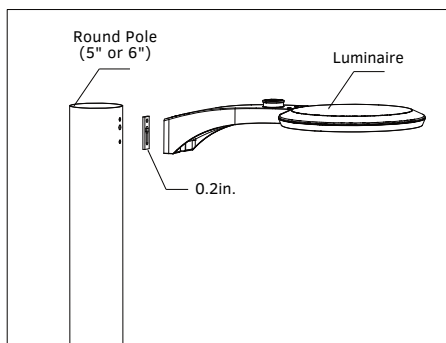
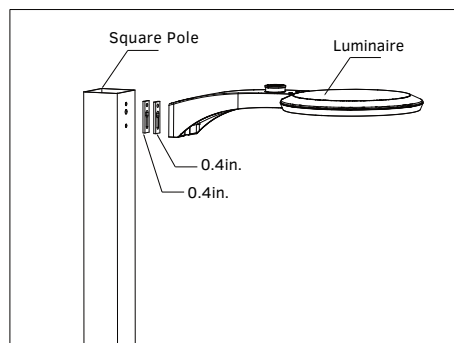
### With Surface Mount (Special Order)



### With Conduit Pendant / Gooseneck Mount (Special Order)



### Square & Round Pole Mounting Dimensions



## Ordering Information

| Post Top Light GKOPTG4 |                      |                                                         |                                   |                                                                                    |                                                                        |                                                                                |                                |                                                                                                                                                                                                                                    |                                                                                                              | Example: GKOPTG4130W27VDDKYYYY |  |  |
|------------------------|----------------------|---------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------|--|--|
| Fixture Type           | Wattage              | Voltage                                                 | CCT                               | Finish                                                                             | Photocell                                                              | Sensor (Optional)                                                              | Adjustment Dial                | Mounting                                                                                                                                                                                                                           | Photometry                                                                                                   | Internal Code                  |  |  |
| <input type="text"/>   | <input type="text"/> | <input type="text"/>                                    | <input type="text"/>              | <input type="text"/>                                                               | <input type="text"/>                                                   | <input type="text"/>                                                           | <input type="text"/>           | <input type="text"/>                                                                                                                                                                                                               | <input type="text"/>                                                                                         | <input type="text"/>           |  |  |
| <b>GKOPTG4</b>         | <b>130W</b>          | <b>34V</b> 120-347V<br><b>48V</b> 277-480V <sup>1</sup> | <b>DDK</b> Power & CCT Selectable | <b>D</b> Dark Bronze<br><b>B</b> Black <sup>2</sup><br><b>W</b> White <sup>2</sup> | <b>P</b> With Photocell <sup>3</sup><br><b>Blank</b> Without Photocell | <b>M</b> With Motion Sensor <sup>4</sup><br><b>Blank</b> Without Motion Sensor | <b>AD</b> With Adjustment Dial | <b>Blank</b> Pole Mount<br><b>SQ</b> Square Pole Mount <sup>1</sup><br><b>WM</b> Wall Mount <sup>1</sup><br><b>GM</b> Gooseneck Mount <sup>1</sup><br><b>CM</b> Pendant Mount <sup>1</sup><br><b>SM</b> Surface Mount <sup>1</sup> | <b>FD</b> Frosted Diffuser<br><b>PD</b> Prismatic <sup>1</sup> Diffuser<br><b>AT</b> Field Adjustable Optics | <b>Blank</b> Alphanumeric      |  |  |

- NOTE:** 1. Special order only. Contact customer service for lead time.  
 2. Field Adjustable Optics model is not available in black or white finishes.  
 3. Photocell option is not available with conduit pendant, gooseneck, or surface mount.  
 4. Motion sensor option is only available for white Frosted Diffuser model.