



## VAPOR TIGHT LINEAR

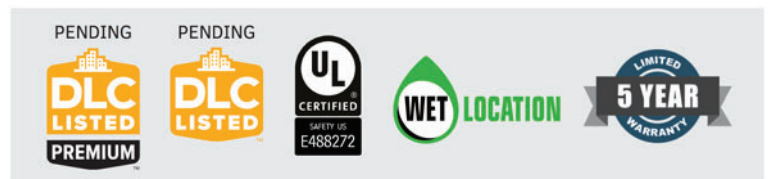
## SERIES GK0VTG4



50W / 90W

### Product Overview

The series GK0VTG4 Vapor Tight Linear Light is recommended for settings requiring a durable light source. Available in 4 foot or 8 foot, every fixture includes Power & CCT adjustment controls, enabling the lighting professional to customize the light output in the field.



### Key Features

#### CONSTRUCTION:

- Rugged polycarbonate housing with stainless steel clamps for convenient assembly and separation of fixture body.
- Housing is completely sealed against moisture and environmental contaminants.
- Available in 4 foot and 8 foot sizes.

#### OPTICS:

- Light engines are available in selectable 3500K, 4000K, and 5000K configurations.
- A range of lumen options available from 3,600 to 13,700 Lumens, replaces up to 250W metal halide.
- Impact and UV-resistant polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing.

#### ELECTRICAL:

- Universal 120-277V input voltage.
- Auxiliary 12V output.
- Standard 2KV surge protection.
- 0-10V dimming driver(s) standard.
- THD: ≤20%, Power Factor: ≥90%.

#### CONTROLS:

- Power & CCT adjustment controls are included, enabling power selection from 3 power levels and CCT selection from 3500K, 4000K, and 5000K.
- Optional microwave motion sensor - HD027VCR (factory-installed, extended lead time).
- Optional emergency battery backup provides up to 90 minutes of operation during outages (factory-installed, extended lead time).

#### INSTALLATION:

- Surface mounting with included bracket.
- Suspension mounting with included 11.8" chain mount.

#### WARRANTY:

- 5 Year Limited Warranty.

#### LISTINGS:

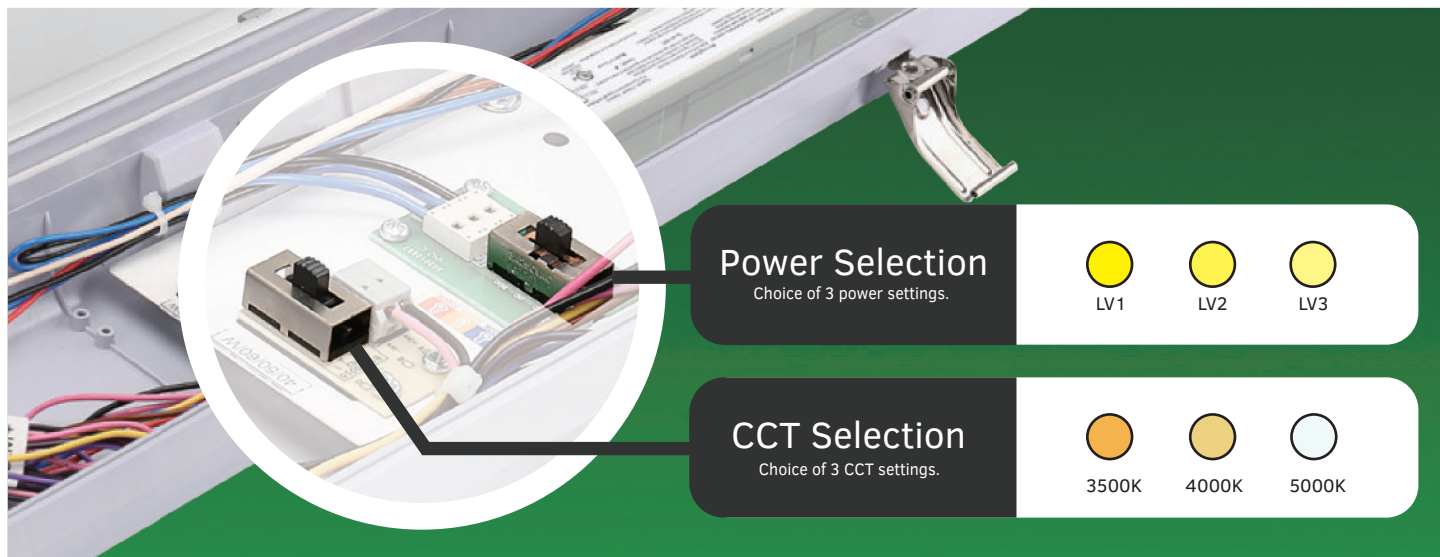
- DesignLights Consortium® (DLC) qualified pending (50W).
- DesignLights Consortium® (DLC) Premium qualified pending (90W).
- UL certified for wet locations.
- Rated for ambient operating temperature -22°F to 122°F (-30°C to 50°C).



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# Power & CCT Adjustment Controls

Power & CCT adjustment controls are accessed from inside the fixture housing.



## Performance Data

### Lumen Output

| 4 FOOT  |              |                |          |                |          |                |          |
|---------|--------------|----------------|----------|----------------|----------|----------------|----------|
| Setting | System Watts | 3500K (80 CRI) |          | 4000K (80 CRI) |          | 5000K (80 CRI) |          |
|         |              | Lumens         | Efficacy | Lumens         | Efficacy | Lumens         | Efficacy |
| LV1     | 50W          | 6800lm         | 136lm/W  | 7200lm         | 144lm/W  | 7000lm         | 140lm/W  |
| LV2     | 35W          | 4900lm         | 140lm/W  | 5200lm         | 149lm/W  | 5000lm         | 143lm/W  |
| LV3     | 25W          | 3600lm         | 144lm/W  | 3850lm         | 154lm/W  | 3700lm         | 148lm/W  |

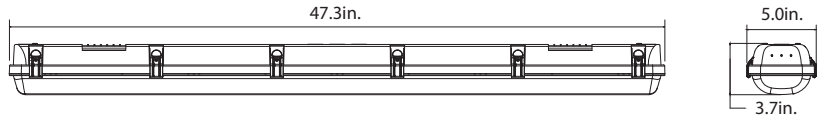
| 8 FOOT  |              |                |          |                |          |                |          |
|---------|--------------|----------------|----------|----------------|----------|----------------|----------|
| Setting | System Watts | 3500K (80 CRI) |          | 4000K (80 CRI) |          | 5000K (80 CRI) |          |
|         |              | Lumens         | Efficacy | Lumens         | Efficacy | Lumens         | Efficacy |
| LV1     | 90W          | 13000lm        | 144lm/W  | 13700lm        | 152lm/W  | 13300lm        | 148lm/W  |
| LV2     | 75W          | 11000lm        | 147lm/W  | 12000lm        | 160lm/W  | 11500lm        | 153lm/W  |
| LV3     | 60W          | 9000lm         | 150lm/W  | 10000lm        | 167lm/W  | 9500lm         | 158lm/W  |

### Electrical Data

| Number of Drivers | Driver Current (mA) | Nominal Power (W) | Input Voltage (V) | Current (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 2                 | 1200                | 50                | 120               | 0.42           |
|                   |                     | 50                | 208               | 0.24           |
|                   |                     | 50                | 240               | 0.21           |
|                   |                     | 50                | 277               | 0.18           |
| 2                 | 2100                | 90                | 120               | 0.75           |
|                   |                     | 90                | 208               | 0.43           |
|                   |                     | 90                | 240               | 0.38           |
|                   |                     | 90                | 277               | 0.32           |

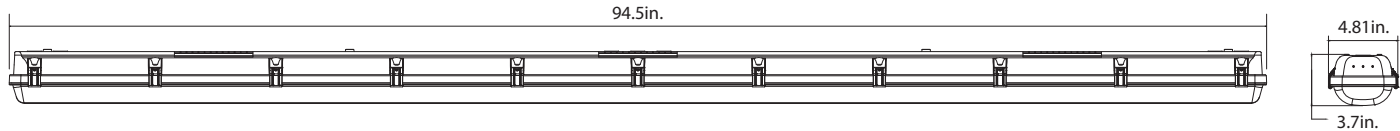
# Dimensions & Weight

## 4 FOOT: 50W



Weight:  
4 FOOT 50W: 6.06lb.  
8 FOOT 90W: 13lb.

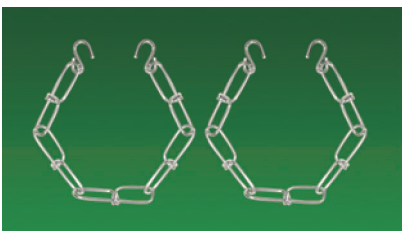
## 8 FOOT: 90W



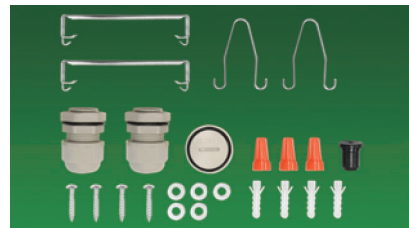
# Mounting Options



**SURFACE MOUNTING**  
Included brackets and mounting hardware allow the fixture to be surface mounted to the ceiling.  
**Top Image:** Installed mounting bracket; **Bottom Image:** Included hardware for surface mounting.



**SUSPENSION MOUNTING**  
Included 11.8" chain mount allows the fixture to be suspension mounted from higher ceilings.



# Accessories



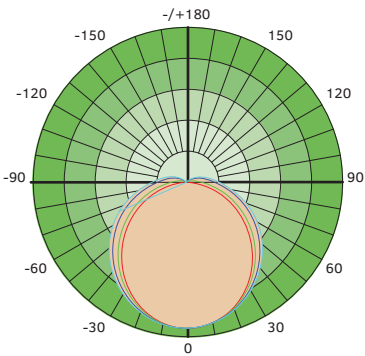
**MICROWAVE MOTION SENSOR**  
Optional factory-installed microwave multi-level motion sensor detects occupancy in an area for additional energy savings (extended lead time).



**EMERGENCY BATTERY BACKUP**  
Optional factory-installed emergency battery backup provides up to 90 minutes of operation during power outages (extended lead time).

# Light Distribution

## General Distribution



# Ordering Information

| Vapor Tight Linear GKOV TG4 |                      |                      |                            |                      |                                       |                                                             |                      | Example: GKOV TG450W27VDDKGYYY |  |  |
|-----------------------------|----------------------|----------------------|----------------------------|----------------------|---------------------------------------|-------------------------------------------------------------|----------------------|--------------------------------|--|--|
| Fixture Type                | Wattage              | Voltage              | CCT                        | Finish               | Sensor (Optional)                     | Battery Backup (Optional)                                   | Lens                 | 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"/>           |  |  |
| GKOV TG4                    | 50W<br>90W           | 27V 120-277V         | DDK Power & CCT Selectable | G Gray               | M With Sensor<br>Blank Without Sensor | B With Emergency Battery<br>Blank Without Emergency Battery | F Frosted Lens       | Blank<br>Alphanumeric          |  |  |