

|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |

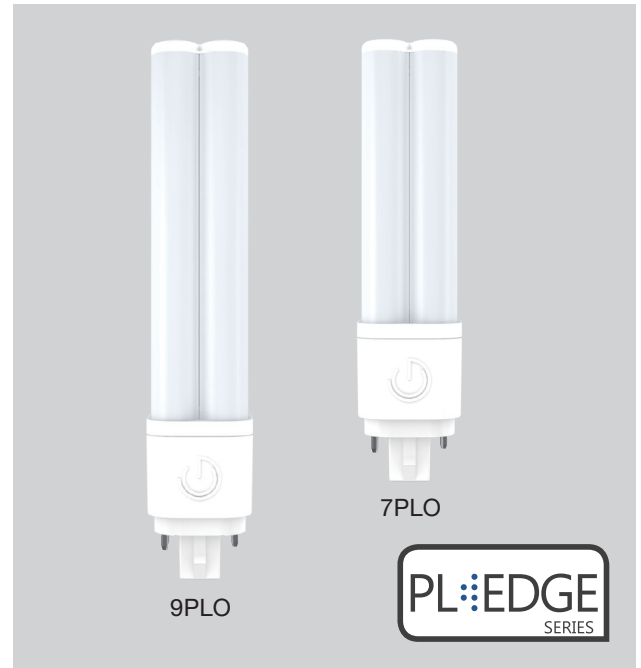


GREENCREATIVE

# HYBM PL OMNI

## FEATURES

- Omni directional light distribution equivalent to fluorescent lamps
- May be installed horizontally and vertically
- HYBrid installation - DIRect or BYPass
- Replaces G24d, GX24d (2-pin), G24q & GX24q (4-pin) 13W-26W CFL lamps
- Compatible with magnetic ballasts\* - DIRect installation
- Built-in universal voltage driver - Bypass installation
- Exceptional high efficacy up to 126 LPW
- UL Listed & UL Classified for damp locations
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty\*\*\* / 10 year available  
(see EXTENDED WARRANTIES table for information)
- Lamp CCT falls within 4 SDCM for consistent CCT



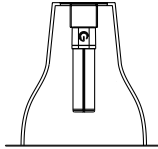
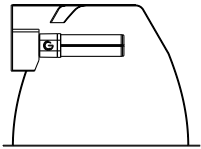
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## SPECIFICATIONS

Horizontal Installation

Vertical Installation

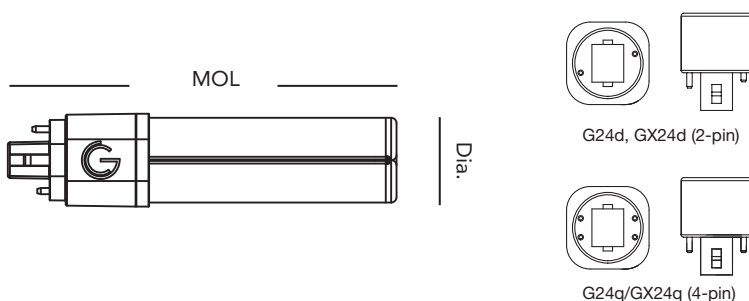


| Product | Model         | Equiv.  | Input Voltage | Wattage | Lumens | CCT   | CRI | Efficacy (LPW) | Power Factor | THD  | Beam Angle | Dim.* | Fixture Rating** |
|---------|---------------|---------|---------------|---------|--------|-------|-----|----------------|--------------|------|------------|-------|------------------|
| 34996   | 7PLO/827/HYBM | 13W-18W | 120-277V      | 7       | 770    | 2700K | 82  | 110            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 34997   | 7PLO/830/HYBM | 13W-18W | 120-277V      | 7       | 790    | 3000K | 82  | 112            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 34998   | 7PLO/835/HYBM | 13W-18W | 120-277V      | 7       | 820    | 3500K | 82  | 117            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 34999   | 7PLO/840/HYBM | 13W-18W | 120-277V      | 7       | 850    | 4000K | 82  | 121            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 35000   | 9PLO/827/HYBM | 26W     | 120-277V      | 9       | 1,100  | 2700K | 82  | 122            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 35001   | 9PLO/830/HYBM | 26W     | 120-277V      | 9       | 1,150  | 3000K | 82  | 125            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 35002   | 9PLO/835/HYBM | 26W     | 120-277V      | 9       | 1,200  | 3500K | 82  | 130            | 0.9          | <20% | 360°       | No    | Enclosed         |
| 35003   | 9PLO/840/HYBM | 26W     | 120-277V      | 9       | 1,250  | 4000K | 82  | 133            | 0.9          | <20% | 360°       | No    | Enclosed         |

\* Ballast Dependent. Please refer to [www.greencreative.com](http://www.greencreative.com) for full ballast compatibility list.

\*\* Suitable for use in totally enclosed fixtures. Please make sure the minimum dimensions of the lamp compartment in the fixture meet the guidelines in the installation guide.

## DIMENSION & WEIGHT



| Model           | 7PLO/xxx/HYBM                           | 9PLO/xxx/HYBM |
|-----------------|---|---------------|
| Compatible base | G24d, GX24d, G24q & GX24q (2/4-pin CFL) |               |
| MOL             | 5-11/16"                                | 6-7/8"        |
| Dia.            | 1-3/8"                                  | 1-3/8"        |
| Weight          | 0.18 lb                                 | 0.22 lb       |

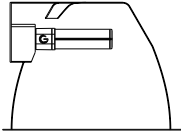
Where xxx means 824-965 which indicates CRI and color temperature

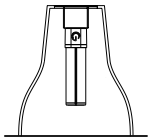


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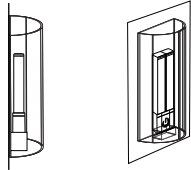
## MINIMUM COMPARTMENT DIMENSIONS

Note – the base of this lamp is 1-3/8" by 1-3/8" and the opening in the reflector should be a minimum of 1-3/8" by 1-3/8" to insure a proper fit. For non-enclosed rated applications the minimum compartment must be follow below guidelines.

| <p>Non-enclosed Fixture Horizontal Installation</p>  | Model Number                |          | 7PLO/xxx/HYBM | 9PLO/xxx/HYBM |
|---|-----------------------------|----------|---------------|---------------|
|   | Lamp Compartment Dimensions | Diameter | 6-1/8"        | 6-1/8"        |
|   |                             | Height   | 4-3/4"        | 4-3/4"        |
|   | Maximum Lamps in Luminaire  |          | 2             | 2             |
| Lampholder-to-Lampholder Spacing  |                             | 3/8"     | 3/8"          |               |

| <p>Non-enclosed Fixture Vertical Installation</p>  | Model Number                |          | 7PLO/xxx/HYBM | 9PLO/xxx/HYBM |
|---|-----------------------------|----------|---------------|---------------|
|   | Lamp Compartment Dimensions | Diameter | 4-1/2"        | 6-5/16"       |
|   |                             | Height   | 8-1/16"       | 9-1/16"       |
| Maximum Lamps in Luminaire  |                             | 1        | 1             |               |

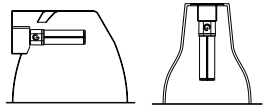

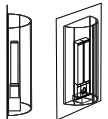
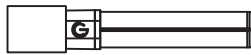
For enclosed rated applications the minimum compartment must be follow below guidelines.

| <p>Wall Mounted Enclosed Fixture Installation</p>  | Model Number                |        | 7PLO/xxx/HYBM | 9PLO/xxx/HYBM |
|---|-----------------------------|--------|---------------|---------------|
|   | Lamp Compartment Dimensions | Length | 11-13/16"     | 11-13/16"     |
|   |                             | Width  | 6-5/16"       | 6-5/16"       |
|   |                             | Height | 2-3/4"        | 2-3/4"        |
| Maximum Lamps in Luminaire  |                             | 2      | 2             |               |
| Lampholder-to-Lampholder Spacing  |                             | 1-7/8" | 1-7/8"        |               |

Where xxx means 824-965 which indicates CRI and color temperature.

Product warranty is defined based on the condition of above minimum compartment size, maximum lamps in glass/metal luminaire.

## TEMPERATURE

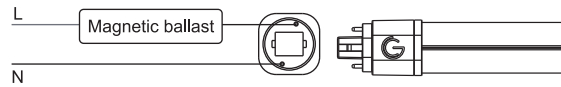
| Fixture operating temperature  |                                     | Lamp ambient temperature  |                                      |
|--|-------------------------------------|---|--------------------------------------|
|  <p>Non-enclosed Fixture</p>          | <p>-4°F to 95°F (-20°C to 35°C)</p> |  <p>7PLO/xxx/HYBM</p> | <p>-4°F to 113°F (-20°C to 45°C)</p> |
|  <p>Wall Mounted Enclosed Fixture</p> |                                     |  <p>9PLO/xxx/HYBM</p> |                                      |

Where xxx means 824-965 which indicates CRI and color temperature.

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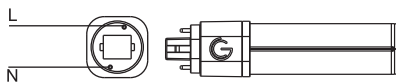
## HYBrid Installation - DIRect or BYPass - Magnetic Ballasts

When used with a magnetic ballast, the PLO lamp can function as a plug & play lamp and operate with the existing ballast.

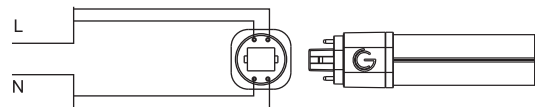


OR

If the ballast is not compatible, it can be bypassed and the lamp can run directly off line voltage.


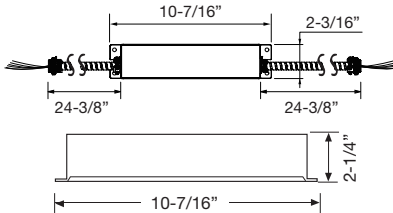


G24d, GX24d (2-pin)



G24q/GX24q (4-pin)

### ACCESSORY ORDERING INFORMATION

| Product | Model      | Description   | Pictures   | Dimensions  |
|---------|------------|---|--|---|
| 98003   | 23EMDRIVER | California Title 20 Compliant<br>23W Emergency LED Driver<br>(Field Installation) |  |  <p>10-7/16"</p> <p>2-3/16"</p> <p>24-3/8"</p> <p>24-3/8"</p> <p>2-1/4"</p> |

### EXTENDED WARRANTIES\*\*\*\*

| Model                    | Description****                       |
|--------------------------|---------------------------------------|
| 7PLO/HYBM/10YEARWARRANTY | 10 Year warranty for 7PLO/8xx/HYBM/yy |
| 9PLO/HYBM/10YEARWARRANTY | 10 Year warranty for 9PLO/8xx/HYBM/yy |

\*\*\*\* Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum ambient temperature of 80°F / 27°C.

\*\*\*\*\* xx – Refers to the CCT yy – Refers to model generations within the same nominal performance. Typically blank, 'R', or 'RC'.

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