



# DIRECT PLL

## FEATURES

- Plug & Play – Easy to install
- Compatible with Instant / Program start electronic ballasts\*
- 0-10V dimmable (ballast dependent)
- Replaces 40W/36W PLL fluorescent lamp
- Exceptional high efficacy up to 154LPW
- Opaque glass lens reduces glare
- Extra wide 310° light emitting area
- Plastic film prevents glass from shattering
- Built-in thermal fuse for over-temperature protection
- UL damp location
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)  
Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty\*\* / 10 year available  
(see EXTENDED WARRANTIES table for information)
- Suitable for all indoor general lighting applications



122722



## SPECIFICATIONS

| Product | Model              | Equiv. | Input Voltage | Wattage | Lumens | CCT   | CRI | Efficacy (LPW) | Beam Angle | Power Factor | THD  | Fixture Rating | DLC  | UL        |
|---------|--------------------|--------|---------------|---------|--------|-------|-----|----------------|------------|--------------|------|----------------|------|-----------|
| 98477   | 13PLL/830/GL/DIR   | 40W    | 120-277V      | 13      | 2,050  | 3000K | 82  | 158            | 160°       | 0.9          | <20% | Enclosed       | N.A. | UL Listed |
| 98478   | 13PLL/835/GL/DIR   | 40W    | 120-277V      | 13      | 2,100  | 3500K | 82  | 162            | 160°       | 0.9          | <20% | Enclosed       | N.A. | UL Listed |
| 98479   | 13PLL/840/GL/DIR   | 40W    | 120-277V      | 13      | 2,100  | 4000K | 82  | 162            | 160°       | 0.9          | <20% | Enclosed       | N.A. | UL Listed |
| 36777   | 13PLL/830/GL/DIR/R | 40W    | 120-277V      | 13      | 1,900  | 3000K | 82  | 146            | 140°       | 0.9          | <20% | Enclosed       | ✓    | UL Listed |
| 36778   | 13PLL/835/GL/DIR/R | 40W    | 120-277V      | 13      | 2,000  | 3500K | 82  | 154            | 140°       | 0.9          | <20% | Enclosed       | ✓    | UL Listed |
| 36779   | 13PLL/840/GL/DIR/R | 40W    | 120-277V      | 13      | 2,000  | 4000K | 82  | 154            | 140°       | 0.9          | <20% | Enclosed       | ✓    | UL Listed |
| 98488   | 14.5PLL/835/GL/DIR | 36W    | 120-277V      | 14.5    | 1,950  | 3500K | 82  | 134            | 160°       | 0.9          | <20% | Enclosed       | N.A. | UL Listed |
| 98489   | 14.5PLL/840/GL/DIR | 36W    | 120-277V      | 14.5    | 2,000  | 4000K | 82  | 138            | 160°       | 0.9          | <20% | Enclosed       | N.A. | UL Listed |

\*Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.

## SUPPLIED ACCESSORY

| Product | Model   | Description  | Picture | Dimension | Weight |
|---------|---------|--|---------|-----------|--------|
| 98015   | PLLCLIP | Support clip with adhesive back for quick installation |         |           | 0.08oz |



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## BALLAST PERFORMANCE

| Model              | Bare Lamp Wattage | System Wattage | 3000K Lumens | 3500K Lumens | 4000K Lumens |
|--------------------|-------------------|----------------|--------------|--------------|--------------|
| 13PLL/xxx/GL/DIR   | 13                | 16.5           | 2,050        | 2,100        | 2,100        |
| 13PLL/xxx/GL/DIR/R | 13                | 16             | 1,900        | 2,000        | 2,000        |
| 14.5PLL/xxx/GL/DIR | 14.5              | 20             | -            | 1,950        | 2,000        |

Testing Method: Above system wattage is tested based on reference ballast. wattage and lumen output will vary based on ballast and fixture type. Above data is indicative only. Please visit [www.greencreative.com](http://www.greencreative.com) for compatibility list

## DIMENSION & WEIGHT

| Model  | 13PLL/xxx/GL/DIR | 13PLL/xxx/GL/DIR/R | 14.5PLL/xxx/GL/DIR |
|--------|------------------|--------------------|--------------------|
| Base   | 2G11             |                    | 2G11               |
| MOL    | 22-1/2"          |                    | 16-15/16"          |
| Width  | 1-11/16"         |                    | 1-11/16"           |
| Weight | 0.31lb           |                    | 0.24lb             |

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

## MINIMUM COMPARTMENT DIMENSIONS

| Model                               | Length   | Width     | Height |
|-------------------------------------|----------|-----------|--------|
| 13PLL/8xx/GL/DIR 13PLL/8xx/GL/DIR/R | 24-3/16" | 23-13/16" | 4-1/8" |
| 14.5PLL/8xx/GL/DIR                  | 24-3/16" | 23-13/16" | 4-1/8" |

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

## EXTENDED WARRANTIES\*\*

| Model                         | Description***                             |
|-------------------------------|--|
| 13PLL/GL/DIR/10YEARWARRANTY   | 10 Year warranty for 13PLL/8xx/GL/DIR/yy   |
| 14.5PLL/GL/DIR/10YEARWARRANTY | 10 Year warranty for 14.5PLL/8xx/GL/DIR/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'.

## CERTIFICATION INFORMATION

| Product | Model              | DLC ID#  |
|---------|--------------------|----------|
| 36777   | 13PLL/830/GL/DIR/R | S-O2FI51 |
| 36778   | 13PLL/835/GL/DIR/R | S-FCK9LM |
| 36779   | 13PLL/840/GL/DIR/R | S-3M5YXT |

## ORDERING INFORMATION

| Model              | Master Carton |                              |             | Shipping Carton |                              |             |
|--------------------|---------------|------------------------------|-------------|-----------------|------------------------------|-------------|
|                    | Case Qty      | Case Dimensions (LxWxH)      | Case Weight | Case Qty        | Case Dimensions (LxWxH)      | Case Weight |
| 13PLL/xxx/GL/DIR   | 6PCS          | 25" x 4-3/8" x 3- 9/16"      | 3.5lb       | 24PCS           | 25-13/16" x 9-7/16" x 7-7/8" | 15.3lb      |
| 13PLL/xxx/GL/DIR/R | 6PCS          | 25" x 4-3/8" x 3- 9/16"      | 3.5lb       | 24PCS           | 25-13/16" x 9-7/16" x 7-7/8" | 15.3lb      |
| 14.5PLL/xxx/GL/DIR | 6PCS          | 19-3/16" x 4-3/8" x 3- 9/16" | 3lb         | 24PCS           | 20" x 9-7/16" x 7-7/8"       | 12.7lb      |

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

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.