



## DESCRIPTION

Eliminate ballast maintenance costs and compatibility issues by retrofitting existing fluorescent fixtures with these hybrid color selectable LED T9 circline tubes.

## FEATURES

- Frosted PC lens reduces visual glare
- Suitable for use in enclosed fixtures
- Instantaneous full light output upon power-up
- No rewiring or modifications of any kind required for plug-and-play (Type A) operation; must be used with a compatible ballast, see ballast compatibility sheet for full list of compatible ballasts
- Can operate directly off of line voltage for ballast bypass (Type B) operation; ballast must be removed and fixture rewired for double-ended operation during installation; see installation instructions for more information
- Solid state replacement for FC8T9 and FC12T9 tubes
- Delivers 127 Lumens per Watt for highly efficient performance depending on color temperature selected; see Selectable Table for full breakdown
- Operates on most electronic T8 (instant & programmed rapid start) ballasts, select dimming ballasts, and AC emergency ballasts as listed in compatibility list. See ballast compatibility sheet for full list of compatible ballasts.
- Color temperature can be adjusted using the slider switch on the back of the tube; see installation instructions for more information

## LISTINGS

- ETL Listed for damp locations
- FCC
- RoHS

## WARRANTY

- 1-year limited warranty; see [pltsolutions.com](http://pltsolutions.com) for warranty details

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number |         |
| comments       | voltage |
| approved by    | date    |



**RoHS**   
Compliant



## APPLICATIONS

- Office Lighting
- Kitchens
- Hallways
- Stairwells

|                     |                              |                               |
|---------------------|------------------------------|-------------------------------|
| <b>PERFORMANCE</b>  | <b>Power Consumption*</b>    | 11, 16 Watt                   |
|                     | <b>CRI</b>                   | 83                            |
|                     | <b>Beam</b>                  | 120°                          |
|                     | <b>CCT*</b>                  | 3500K, 4000K, 5000K           |
|                     | <b>LED L70 Life Hours</b>    | 54,000                        |
| <b>ELECTRICAL</b>   | <b>Power Factor</b>          | 0.9                           |
|                     | <b>THD</b>                   | <20%                          |
|                     | <b>Input Voltage</b>         | 120-277V                      |
| <b>CONSTRUCTION</b> | <b>Operating Temperature</b> | -4°F to 113°F (-20°C to 45°C) |
|                     | <b>Base</b>                  | G10q                          |
|                     | <b>Lens</b>                  | Frosted                       |
| <b>LISTINGS</b>     | <b>Certifications</b>        | ETL Listed, FCC               |
|                     | <b>Material Usage</b>        | RoHS - No mercury or lead     |
|                     | <b>Environment</b>           | Suitable for Damp Locations   |

\* See Selectable Table for full breakdown

## PERFORMANCE SUMMARY

| Item #    | Diameter | Watts* | CCT*                      | CRI | Beam | Base | Envelope | LED L70 Life Hours |
|-----------|----------|--------|---------------------------|-----|------|------|----------|--------------------|
| PLT-60025 | 8"       | 11     | 3500K/<br>4000K/<br>5000K | 83  | 120° | G10q | PC       | 54,000             |
| PLT-60026 | 12"      | 16     | 3500K/<br>4000K/<br>5000K | 83  | 120° | G10q | PC       | 54,000             |

\* See Selectable Table for full breakdown

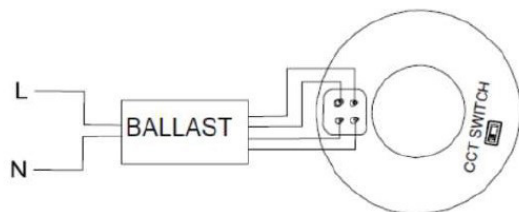
## SELECTABLE TABLE

| Wattage | CCT   | Lumen | Efficacy |
|---------|-------|-------|----------|
| 11      | 3500K | 1350  | 123      |
|         | 4000K | 1400  | 127      |
|         | 5000K | 1400  | 127      |
| 16      | 3500K | 1900  | 119      |
|         | 4000K | 2000  | 125      |
|         | 5000K | 2000  | 125      |

## WIRING DIAGRAMS

### TYPE A

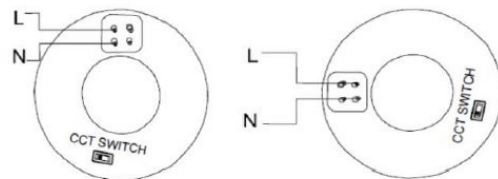
TYPE A (Ballast compatible) - Assembly introduction:



Ballast Compatible(Type A)

### TYPE B

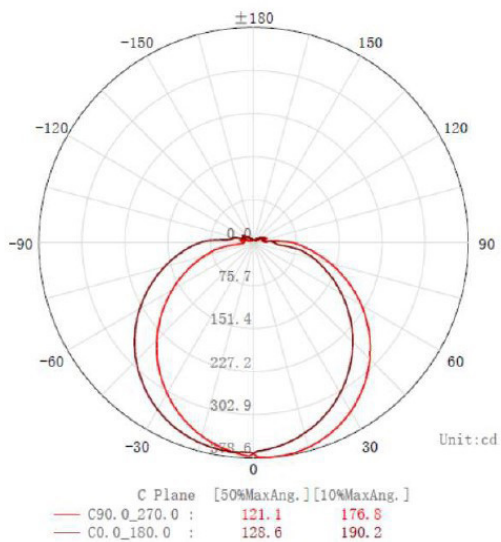
TYPE B (AC directly, double end OR single end ballast bypass) - Assembly introduction



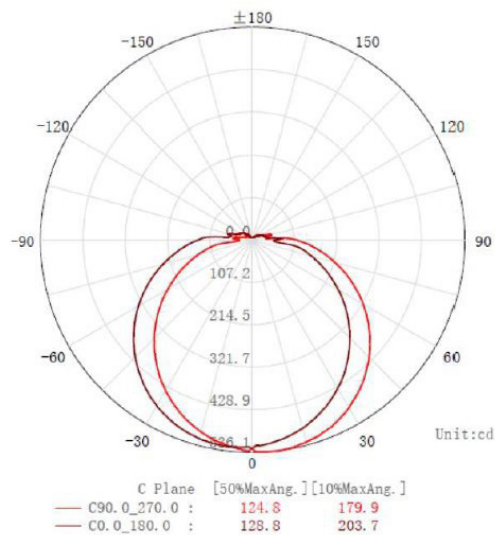
AC Direct Input(Type B)

AC Direct Input(Type B)

**PLT-60025 PHOTOMETRICS**



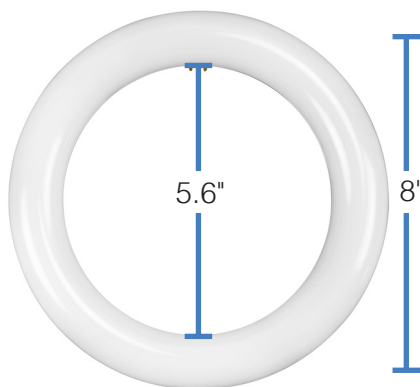
**PLT-60026 PHOTOMETRICS**



**DIMENSIONS**

**11W DIMENSIONS**

Outside Diameter – 8”  
 Inside Diameter – 5.6”  
 Tube Diameter – 1.125”



**16W DIMENSIONS**

Outside Diameter – 11.8”  
 Inside Diameter – 9.3”  
 Tube Diameter – 1.125”

