

# KT-LED10PLL-12GC-8XX-D

## PLL LED LAMP

### DESCRIPTION

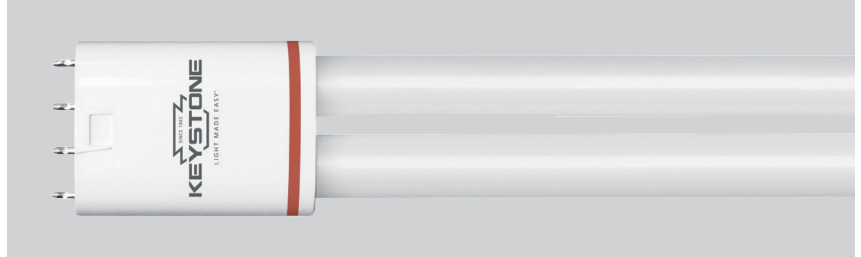
10W PLL LED | 3000-5000K | >80 CRI | High-Efficiency



RoHS  
Compliant

5 YEAR  
WARRANTY

|                                         |
|-----------------------------------------|
| <b>LAMP TYPE:</b> PLL                   |
| <b>BASE TYPE:</b> 2G11                  |
| <b>WATTAGE:</b> 10W                     |
| <b>COLOR TEMPERATURE:</b> 3000-5000K    |
| <b>COLOR RENDERING INDEX (CRI):</b> >80 |
| <b>WARRANTY:</b> 5 Years                |



### PRODUCT FEATURES

- Replacement for conventional fluorescent lamp
- UL Classified
- 50,000+ hour lifetime
- Approximately 50% more energy efficient than standard FT40/2G11 lamps
- Environmentally friendly: No mercury used
- Integral driver (isolated) eliminates the need for an external ballast or driver
- Instant startup
- Not dimmable
- Frosted lens eliminates pixelation
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 100+ Lumens per Watt (bare lamp efficacy)
- Suitable for dry and damp locations
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

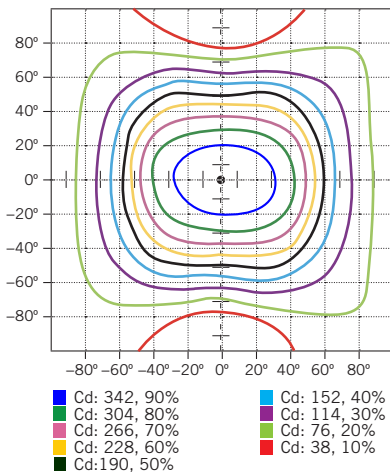
### OPERATING SPECIFICATIONS

#### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

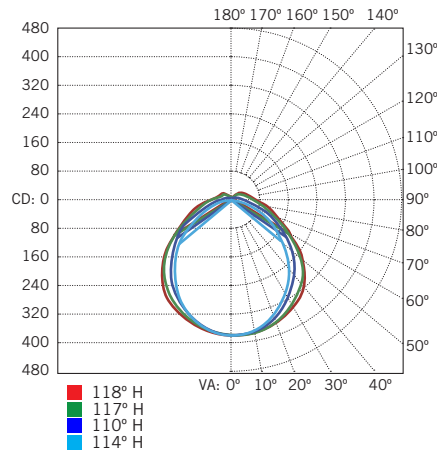
| Catalog Number         | Input Voltage | CRI | Wattage | Nominal Lumens | Color Temp. | Beam Angle | Efficacy | Power Factor | Max. THD |
|------------------------|---------------|-----|---------|----------------|-------------|------------|----------|--------------|----------|
| KT-LED10PLL-12GC-830-D | 120-277V      | >80 | 10W     | 1200           | 3000K       | 160°       | 120 lm/W | >0.9         | 20%      |
| KT-LED10PLL-12GC-835-D | 120-277V      | >80 | 10W     | 1200           | 3500K       | 160°       | 120 lm/W | >0.9         | 20%      |
| KT-LED10PLL-12GC-840-D | 120-277V      | >80 | 10W     | 1250           | 4000K       | 160°       | 125 lm/W | >0.9         | 20%      |
| KT-LED10PLL-12GC-850-D | 120-277V      | >80 | 10W     | 1250           | 5000K       | 160°       | 125 lm/W | >0.9         | 20%      |

### PHOTOMETRIC SPECIFICATIONS

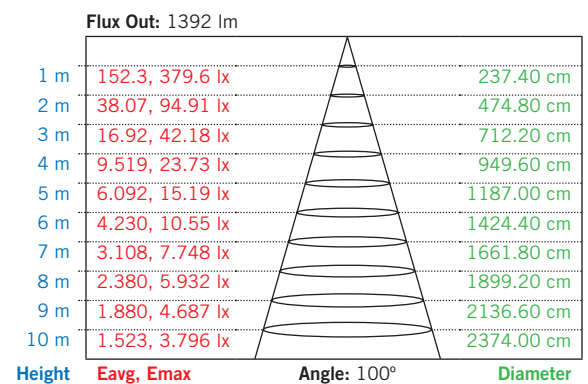
#### ISOCANDELA PLOT



#### POLAR CANDELA DISTRIBUTION



#### LUX DISTANCE CURVE



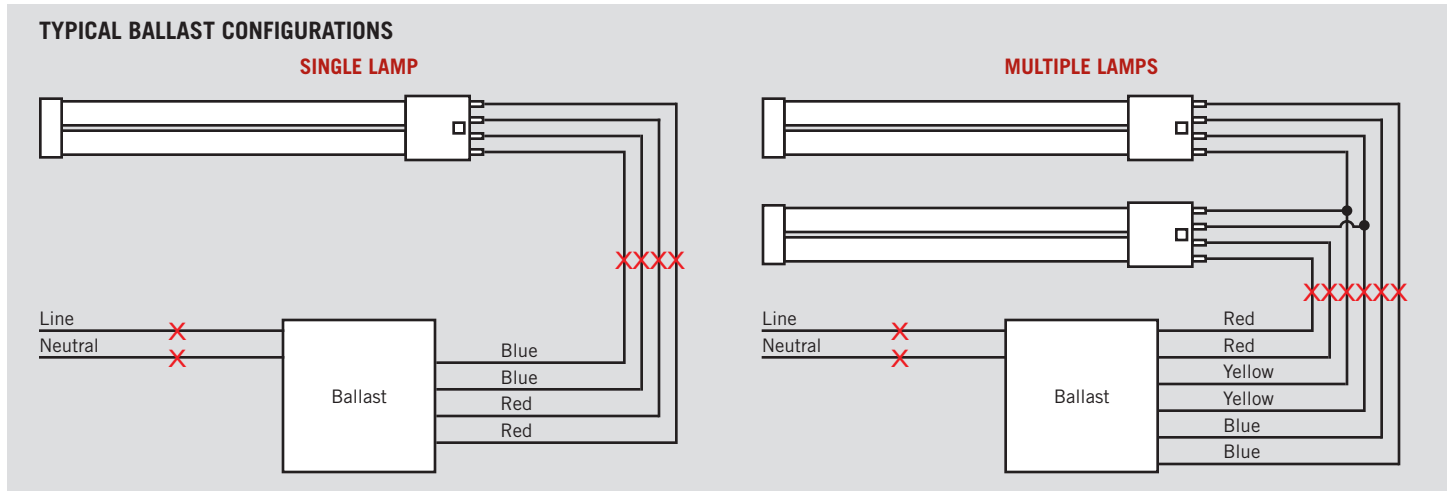
NOTE: Charts are represented by 5000K

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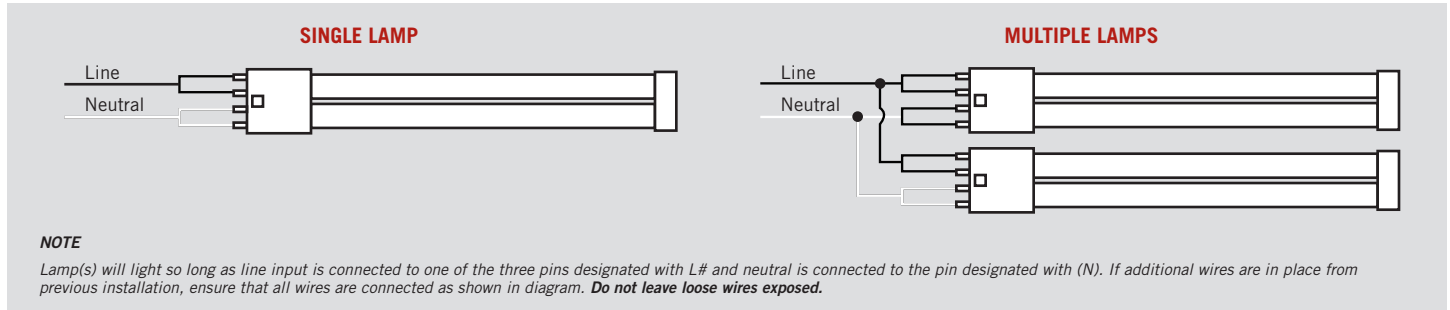
## PLL LED LAMP

### WIRING DIAGRAMS

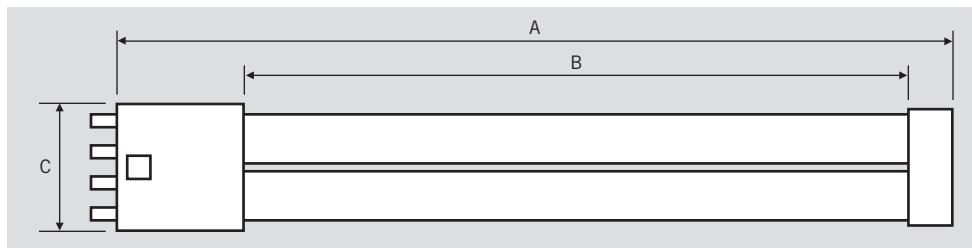
1. Cut all existing connections to ballast as shown below and remove ballast.



2. Re-wire fixture as shown below.



### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

|                        |       |
|------------------------|-------|
| A (Body Length)        | 12.2" |
| B (Illuminated Length) | 9.3"  |
| C (Width)              | 1.7"  |

**BASE TYPE:** 2G11



# KT-LED10PLL-12GC-8XX-D

## PLL LED LAMP

### ORDERING INFORMATION

| ORDER CODE             | PACK QTY. | EASY CODE | UPC          |
|------------------------|-----------|-----------|--------------|
| KT-LED10PLL-12GC-830-D | 24        | HHU-66    | 843654131184 |
| KT-LED10PLL-12GC-835-D | 24        | CGN-57    | 843654131191 |
| KT-LED10PLL-12GC-840-D | 24        | JLG-84    | 843654131207 |
| KT-LED10PLL-12GC-850-D | 24        | IBZ-37    | 843654131214 |

### CATALOG NUMBER BREAKDOWN

# KT-LED10PLL-12GC-8XX-D

1 2 3 4 5 6 7 8 9

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Lamp Type
- 5 Nominal Length (Inches)
- 6 Glass
- 7 800 Series
- 8 Color Temperature
- 9 Direct-Drive Series