**DESCRIPTION**

16W 2-Pin LED Lamp | 2700-5000K | ≥80 CRI

**LAMP TYPE:** Compact  
**BULB TYPE:** 2-Pin LED  
**BASE TYPE:** G24d / Gx24d  
**WATTAGE:** 16W  
**COLOR TEMPERATURE:** 2700-5000K  
**COLOR RENDERING INDEX (CRI):** ≥80  
**WARRANTY:** 5 Years

**PRODUCT FEATURES**
- Replaces 42W G24 & Gx24d CFL lamps  
- 50,000+ hour lifetime  
- Approximately 50% more energy efficient than traditional CFL lamps  
- Environmentally friendly: no mercury used  
- Instant startup  
- Not for use in fully enclosed fixtures  
- Frosted lens eliminates pixelation  
- Integral driver, eliminates the need for external driver or ballast  
- UL Recognized and UL Classified  
- Operating temperature: -20°C/-68°F to 40°C/104°F  
- Up to 5x longer life than traditional CFL lamps  
- Vertical orientation  
- Non-dimmable

**OPERATING SPECIFICATIONS**

**ELECTRICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Lamp Wattage</th>
<th>Power Factor</th>
<th>System Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-277V</td>
<td>16W</td>
<td>≥0.9</td>
<td>16W</td>
</tr>
</tbody>
</table>

**PHOTOMETRIC CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Color Temperature (CCT)</th>
<th>Luminous Flux</th>
<th>Color Rendering Index (CRI)</th>
<th>Bare Lamp Efficacy</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>2700K</td>
<td>1750 lm</td>
<td>≥80</td>
<td>109 lm/W</td>
<td>&gt;110°</td>
</tr>
<tr>
<td>3000K</td>
<td>1800 lm</td>
<td>≥80</td>
<td>113 lm/W</td>
<td>&gt;110°</td>
</tr>
<tr>
<td>3500K</td>
<td>1850 lm</td>
<td>≥80</td>
<td>116 lm/W</td>
<td>&gt;110°</td>
</tr>
<tr>
<td>4000K</td>
<td>1900 lm</td>
<td>≥80</td>
<td>119 lm/W</td>
<td>&gt;110°</td>
</tr>
<tr>
<td>5000K</td>
<td>2000 lm</td>
<td>≥80</td>
<td>125 lm/W</td>
<td>&gt;110°</td>
</tr>
</tbody>
</table>

**RATED LIFE**

| L70 (Hours) | 50,000 |

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Specifications subject to change. Last revised on 05.18.20
KT-LED162P-V-8XX-D
2-PIN LED LAMP

WIRING

BYPASS MAGNETIC BALLAST WITH 1 LAMP
BEFORE
BLACK (LINE) → CFL BALLAST → LAMP
WHITE (NEUTRAL) → BLACK (LINE) → LAMP

AFTER
BLACK (LINE) → LAMP
WHITE (NEUTRAL) → BLACK (LINE) → LAMP

BYPASS ELECTRONIC BALLAST WITH 1 LAMP
BEFORE
BLACK (LINE) → BLUE → CFL BALLAST → YELLOW → RED → LAMP
WHITE (NEUTRAL) → WHITE (NEUTRAL) → RED → LAMP

AFTER
BLACK (LINE) → BLUE → LAMP
WHITE (NEUTRAL) → RED → LAMP

BYPASS MAGNETIC BALLAST WITH 2 LAMPS
BEFORE
BLACK (LINE) → BLUE → CFL BALLAST → RED → LAMP
WHITE (NEUTRAL) → BLACK (LINE) → LAMP

AFTER
BLACK (LINE) → BLUE → LAMP
WHITE (NEUTRAL) → RED → LAMP

BYPASS ELECTRONIC BALLAST WITH 2 LAMPS
BEFORE
BLACK (LINE) → BLUE → CFL BALLAST → YELLOW → RED → LAMP
WHITE (NEUTRAL) → WHITE (NEUTRAL) → RED → LAMP

AFTER
BLACK (LINE) → BLUE → LAMP
WHITE (NEUTRAL) → RED → LAMP

PHYSICAL CHARACTERISTICS
LAMP DIMENSIONS

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2-PIN LED LAMP

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>ORDER CODE</th>
<th>PACKAGING STYLE</th>
<th>PACK QTY.</th>
<th>ITEM STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT-LED162P-V-8XX-D-DP</td>
<td>Distributor Pack</td>
<td>24</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

CATALOG NUMBER BREAKDOWN

KT-LED162P-V-8XX-D

1 Keystone Technologies  5 Orientation
2 LED Lamp               6 800 Series
3 Wattage               7 Color Temperature
4 Lamp Type              8 Combo Drive Series