TRUEFIT™ U-BEND LED TUBE

www.trulygreensolutions.com
TRUEFIT™ LED U-BEND (TYPE A/B)

Features

The Most Versatile LED Tube

Dual Function:
- Plug & Play: Works with existing ballast (Works with over 200 electronic ballasts)
- Easy rewiring to bypass the ballast

Works with emergency battery backup systems

Compatible Emergency Battery Backup Available

Type A: Ballast Compatible
Type B: Bypass Ballast
Type A/B: Ballast Compatible or Bypass Ballast
Type C: External Power

EASY INSTALLATION

Applications

Parking Garage
Mall
Storage Facility

Specifications and dimensions subject to change without notice.
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www.trulygreensolutions.com | Tel: 818-206-4404 | Fax: 866-577-5302 | info@trulygreensolutions.com
The TGS TrueFit™ U-Bend LED tube offers an easy and safe energy-saving retrofit solution for fluorescent U-bend lamps, with 130 lumens per watt. The TrueFit™ U-Bend provides universal operating options: plug and play with instant-start electronic ballasts, or bypass of the existing ballast to run directly off line voltage, eliminating compatibility issues and maintenance costs associated with ballasts.

The TrueFit™ U-Bend LED lamp provides instant energy savings and superior quality uniform, flicker-free lighting in a complete package. It uses about half the energy as fluorescent U-bend lamps, with up to 70% reduction of overall operating costs. The UL, cUL, and RoHS certified lamps are available in a length of 2’ and 15W, with the form, fit, and function of traditional fluorescent U-bend lamps. The TrueFit™ U-Bend is constructed with a polycarbonate optical diffuser, providing a wide beam angle of 120° for comprehensive spatial illumination.

Featuring a unique advanced heat sink technology that ensures maximum thermal management, the TrueFit™ U-Bend is backed by a 5 year/50,000 hour warranty for a long life of maintenance-free service. Available CCT’s are 3000K, 3500K, 4000K and 5000K.

### Specifications

#### Optical Details

- **System Efficacy**: 110 LpW (With Ballast)
- **System Efficacy**: 125 LpW (Without Ballast)
- **Lumen Output**: 1,970 lm
- **CCT**: 3000K, 3500K, 4000K, 5000K
- **Beam Angle**: 120°
- **CRI**: >80

#### Electrical Details

- **Input Voltage**: 100-277V AC (347V Available)
- **Power Frequency**: 50-60 Hz
- **Output Voltage**: N/A
- **Output Current**: N/A
- **Power Efficiency**: N/A
- **Power Factor**: >0.9
- **Total Harmonic Distortion**: <20%
- **Dimmable**: No

#### Other Details

- **System Power Usage**: 15W
- **LED Power Usage**: N/A
- **Fixture Material**: Aluminum Base and PC Housing
- **Finish**: N/A
- **Ingress Protection**: Suitable For Damp Locations
- **Luminaire Net Weight**: 0.794 lbs (360g)
- **Lifespan**: 50,000+ Hours
- **Storage Temperature**: -4°~122°F
- **Operating Temperature**: -22~104°F
- **Operating Humidity**: N/A
- **Product Dimension**: 22.63x7.09x1.02 in
- **Replaces**: T8 Fluorescent

#### Application

- Offices
- Hospitals
- Industrial Shops
- Hotels
- Schools
- High / Low Bay
- Commercial Buildings
- Troffers / Strips

#### Base Options

- G13 Pin (Bi-pin)
## TrueFit™ LED U-Bend (Type A/B)

### Ordering Information

**EXAMPLE NUMBER: 832115-40-U-B-F**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Base Type</th>
<th>Wattage</th>
<th>Color Temp (K)</th>
<th>Dimensions</th>
<th>Lumens (lm)</th>
<th>Input Voltage</th>
<th>Warranty</th>
<th>DLC Qualified</th>
</tr>
</thead>
<tbody>
<tr>
<td>832115-50-U-B-F</td>
<td>G13</td>
<td>15W</td>
<td>5000</td>
<td>22.63&quot;x7.09&quot;x1.02&quot;</td>
<td>1,970</td>
<td>100-277V</td>
<td>5 year</td>
<td>UL, cUL</td>
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<tr>
<td>832115-40-U-B-F</td>
<td>G13</td>
<td>15W</td>
<td>4000</td>
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<td>100-277V</td>
<td>5 year</td>
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<tr>
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<td>G13</td>
<td>15W</td>
<td>3500</td>
<td>22.63&quot;x7.09&quot;x1.02&quot;</td>
<td>1,970</td>
<td>100-277V</td>
<td>5 year</td>
<td>UL, cUL</td>
</tr>
<tr>
<td>832115-30-U-B-F</td>
<td>G13</td>
<td>15W</td>
<td>3000</td>
<td>22.63&quot;x7.09&quot;x1.02&quot;</td>
<td>1,970</td>
<td>100-277V</td>
<td>5 year</td>
<td>UL, cUL</td>
</tr>
</tbody>
</table>

### SKU Numbers:

- **SKU Numbers:**
  - **Product Number**: 832115-50-U-B-F
  - **Base Type**: G13
  - **Wattage**: 15W
  - **Color Temp (K)**: 5000
  - **Dimensions**: 22.63"x7.09"x1.02"
  - **Lumens (lm)**: 1,970
  - **Input Voltage**: 100-277V
  - **Warranty**: 5 year
  - **DLC Qualified**: UL, cUL

- **EXAMPLE NUMBER**: 832115-40-U-B-F
  - **Base Type**: G13
  - **Wattage**: 15W
  - **Color Temp (K)**: 4000
  - **Dimensions**: 22.63"x7.09"x1.02"
  - **Lumens (lm)**: 1,970
  - **Input Voltage**: 100-277V
  - **Warranty**: 5 year
  - **DLC Qualified**: UL, cUL

- **EXAMPLE NUMBER**: 832115-35-U-B-F
  - **Base Type**: G13
  - **Wattage**: 15W
  - **Color Temp (K)**: 3500
  - **Dimensions**: 22.63"x7.09"x1.02"
  - **Lumens (lm)**: 1,970
  - **Input Voltage**: 100-277V
  - **Warranty**: 5 year
  - **DLC Qualified**: UL, cUL

- **EXAMPLE NUMBER**: 832115-30-U-B-F
  - **Base Type**: G13
  - **Wattage**: 15W
  - **Color Temp (K)**: 3000
  - **Dimensions**: 22.63"x7.09"x1.02"
  - **Lumens (lm)**: 1,970
  - **Input Voltage**: 100-277V
  - **Warranty**: 5 year
  - **DLC Qualified**: UL, cUL