



Item#: **91297**
LED DIRECT WIRE LINEAR T8
 INTERNAL DRIVER LAMP-STYLE RETROFIT KITS
 (UL TYPE B)

FEATURES

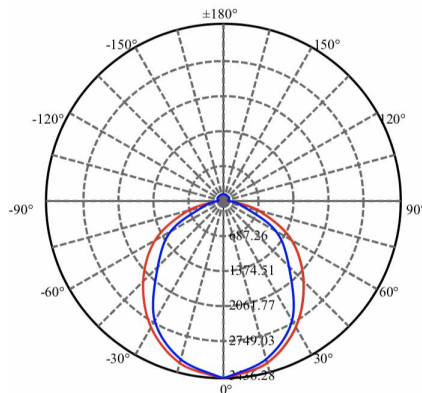
Our T8 LED tube lamp provides exceptional LED lighting with reduced energy and maintenance costs. The linear LED does not use a fluorescent ballast to work; instead they feature a built-in universal line voltage driver, making it a top of the line replacement for standard fluorescent lamps.

SINGLE ENDED DIRECT WIRE

- No ballast required, lamp runs off main
- Exceptional efficacy

**Non-shunted sockets required, see install instructions for further details. Not for use with emergency fixtures.*

LIGHT DISTRIBUTION CURVE



PERFORMANCE DATA

ELECTRICAL

| | |
|---------------------------------|----------|
| Wattage | 12.5W |
| Voltage | 120-277V |
| Current | 160mA |
| Power Factor | 0.9 |
| Total Harmonic Distortion (THD) | 20 |

LIGHTING PERFORMANCE

| | | |
|--|---------|--------------|
| Lumens | 1800 | |
| Lumens Per Watt (Lm/W) | 135 | |
| Color Temperature (CCT) | 5000K | |
| Color Rendering (CRI) | 83 | |
| R9 (Red Value) | 6 | |
| R13 (Skin Tones) | 83 | |
| Beam Angle | 160° | |
| Light Distribution | Type VS | |
| BUG Rating (Backlight, Uplight, and Glare) | 4 Lamp | B2 - U3 - G2 |
| | 6 Lamp | B3 - U4 - G2 |
| Dimmable Lighting Control | | |

ENVIRONMENT

| | |
|---------------------------|-------------|
| Operating Temperature | -4° ~ 113°F |
| Suitable Location | DAMP |
| Ingress Protection Rating | IP20 |
| Suitable Fixture Type | Enclosed |

LIFESPAN

| | |
|----------------------|----------|
| Average Life (Hours) | 50,000 |
| Warranty (Years) | 5 |

COMPONENTS

| | |
|------------------|------------------|
| LED Light Source | Everlight 67-21S |
|------------------|------------------|

CONSTRUCTION

| | |
|---------------------|--------------------------|
| Housing | Glass / Plastic End Caps |
| Lens | Frosted |
| Base / Power Supply | G13 - Medium Bi Pin |

QUALIFICATIONS



Visit www.designlights.org/search to confirm qualification. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.

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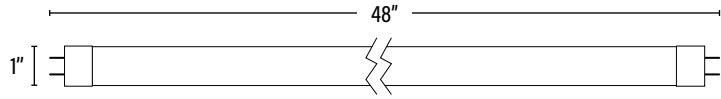
ITEM INFORMATION

DIMENSIONS (Inches)

| | |
|----------------------|-----|
| Length (MOL) | 48" |
| Width/Diameter (MOD) | 1" |
| Net Weight (Lbs) | -- |

SUPPORTING DOCUMENTS (Grey = not available at this time.)

| | |
|----------------------------|------|
| Product Sheet | VIEW |
| Install Instructions | VIEW |
| IES Download from Web Item | VIEW |
| Photometric 6 Lamp | VIEW |
| LM79 | VIEW |
| LM80 | VIEW |



PACKAGING

| | | UPC | DIMENSIONS (LxWxH) | GROSS WEIGHT (Lbs) |
|-------------------|--------------|----------------|--------------------|--------------------|
| Master Carton | 25 | 10811768025139 | -- | -- |
| Individual Box | 1 | 811768025132 | -- | -- |
| Country of Origin | China | | | |
| HS Tariff | 8539.50.0050 | | | |

ORDERING

| ITEM# | DESCRIPTION | CASE |
|-------|--|------|
| 91297 | LED 4' 12.5WT8/50K/FR/V5 - SUPERIOR LIFE® DLC® | 25 |

ADDITIONAL INFORMATION:

- PQL Direct-Wire (UL Type B) Lamps are designed for use with PQL LED-Ready fixtures (follow lamp wiring instructions). When using any alternate-brand fixture, please review the specific PQL lamp installation guide wiring requirements first, to make sure the fixture is compatible before lamp installation.