



Green Electrical Supply[®]

maximize your green[®]

GreenElectricalSupply.com

High Efficiency T8 LED

Replacement Lamps



FEATURES

- 4': 1650, 1800 & 2200 lumen options
- High Efficiency operation
- Beam Angle: 240°
- Compatible with most T8 electronic ballasts, 120-277V and 347V
- No warm-up time, instant on
- Long Life: 50,000 hours (L70)
- No fixture rewiring required
- Glass construction for optimum optical efficiency.
- Reduces energy by up to 40%
- Full light down to -4°F
- RoHs Compliant – Mercury Free
- No UV emissions
- 5 Year limited lamp warranty
- Ideal for frequent on/off switching
- Compatible with Emergency Ballasts
- NSF Listed
- DesignLights Consortium® qualified on select models.

Consult www.designlights.org/QPL for details

ORDERING GUIDE

| Ordering Information | | | | | | | |
|----------------------|-------------------|--------|-------|--------|---------|------|--------------|
| Model Number | Ordering Code | Length | CCT | Lumens | Pkg Qty | DLC® | UPC Code |
| T8LDR2F8/835B | T8LDR2F8/835B25C | 24" | 3500K | 1250 | 25 | Y | 768386623045 |
| T8LDR2F8/840B | T8LDR2F8/840B25C | 24" | 4000K | 1250 | 25 | Y | 768386623052 |
| T8LDR2F8/850B | T8LDR2F8/850B25C | 24" | 5000K | 1250 | 25 | Y | 768386623069 |
| T8LDR3F10/835B | T8LDR3F10/835B25C | 36" | 3500K | 1400 | 25 | Y | 768386686156 |
| T8LDR3F10/840B | T8LDR3F10/840B25C | 36" | 4000K | 1450 | 25 | Y | 768386686163 |
| T8LDR4F10/835C | T8LDR4F10/835C25C | 48" | 3500K | 1650 | 25 | Y | 768386688150 |
| T8LDR4F10/840C | T8LDR4F10/840C25C | 48" | 4000K | 1650 | 25 | Y | 768386688167 |
| T8LDR4F10/850C | T8LDR4F10/850C25C | 48" | 5000K | 1650 | 25 | Y | 768386688174 |
| T8LDR4F12/835C | T8LDR4F12/835C25C | 48" | 3500K | 1800 | 25 | Y | 768386680741 |
| T8LDR4F12/840C | T8LDR4F12/840C25C | 48" | 4000K | 1800 | 25 | Y | 768386680758 |
| T8LDR4F12/850C | T8LDR4F12/850C25C | 48" | 5000K | 1800 | 25 | Y | 768386680765 |
| T8LDR4F15/830C | T8LDR4F15/830C25C | 48" | 3000K | 2200 | 25 | Y | 768386703518 |
| T8LDR4F15/835C | T8LDR4F15/835C25C | 48" | 3500K | 2200 | 25 | Y | 768386680772 |
| T8LDR4F15/840C | T8LDR4F15/840C25C | 48" | 4000K | 2200 | 25 | Y | 768386680789 |
| T8LDR4F15/850C | T8LDR4F15/850C25C | 48" | 5000K | 2200 | 25 | Y | 768386680796 |
| T8LDR6U12/835B | T8LDR6U12/840B12C | U-22" | 3500K | 1700 | 12 | Y | 76836651314 |
| T8LDR6U12/840B | T8LDR6U12/840B12C | U-22" | 4000K | 1800 | 12 | Y | 76836651321 |

- Lumens are nominal lumens with a .88 ballast factor ballast

ADDITIONAL SPECIFICATIONS

| | |
|------------------------------|---------------------|
| Lamp Type: | Linear T8 + U-Bend |
| Bulb: | T8 |
| Base: | Medium Bi-Pin (G13) |
| Color Rendering Index (CRI): | 82 |
| Rated Life: | L70 @ 50000 hours |

| | |
|---|----------------------------|
| Ambient Temperature: | -4°F to 113°F |
| Beam Angle: | 240° |
| EMI/RFI: | FCC Part 18 - Non-Consumer |
| Warranty (Ballast Factor 1.0 and lower): | 5 years |
| Warranty (Ballast Factor greater than 1.0): | 4 years |

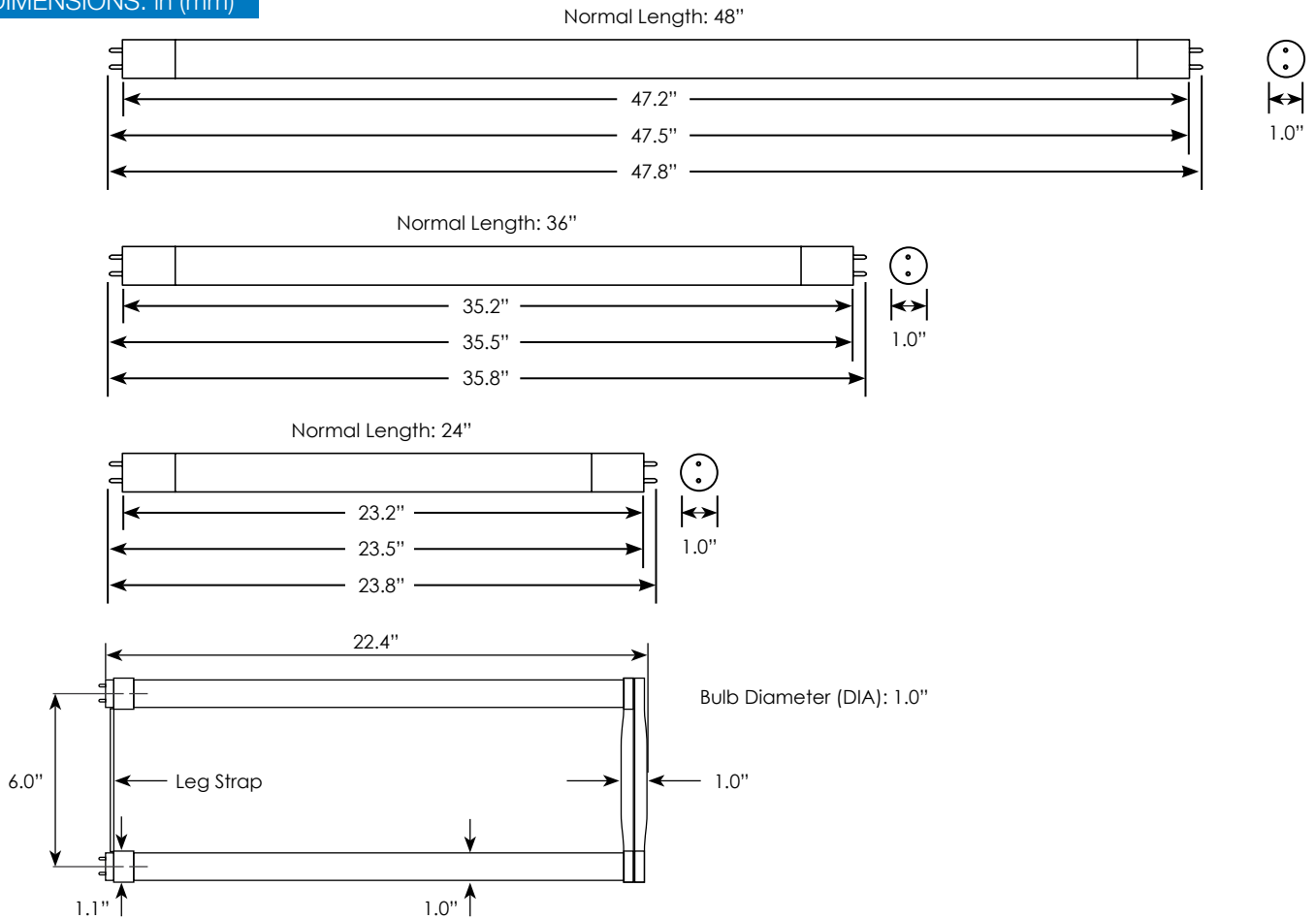
PERFORMANCE DATA

| Average System Performance | | Bare Lamp Data | | Watts/Lamp Ballast Factor | | | Lumens/Lamp Ballast Factor | | |
|----------------------------|----------------|----------------|-----------------|---------------------------|-----------|------------|----------------------------|-----------|------------|
| Description | Model Number | Power (Watts) | Efficacy (lm/W) | LBF (.77) | NBF (.88) | HBF (1.18) | LBF (.77) | NBF (.88) | HBF (1.18) |
| T8LED 8W 1250LM 2FT | T8LDR2F8/8xxB | 8 | 156 | 9.3 | 10.4 | 14.3 | 1125 | 1250 | 1625 |
| T8LED 10W 1450LM 3FT | T8LDR3F10/840B | 10 | 145 | 10.8 | 12 | N/A | 1305 | 1450 | N/A |
| T8LED10W 1650LM 4FT | T8LDR4F10/8xxC | 10.5 | 157 | 11.9 | 13.3 | 19.9 | 1485 | 1650 | 2135 |
| T8LED12W 1800LM 4FT | T8LDR4F12/8xxC | 12 | 150 | 13.4 | 14.8 | 21.4 | 1620 | 1800 | 2330 |
| T8LED 15W 2200LM 4FT | T8LDR4F15/8xxC | 15.0 | 146 | 15.8 | 17.5 | 24.1 | 1980 | 2200 | 2840 |
| U-Bend 12W 1800LM | T8LDR6U12/8xxB | 12.0 | 142 | 14 | 16 | 22 | 1500 | 1800 | 2400 |

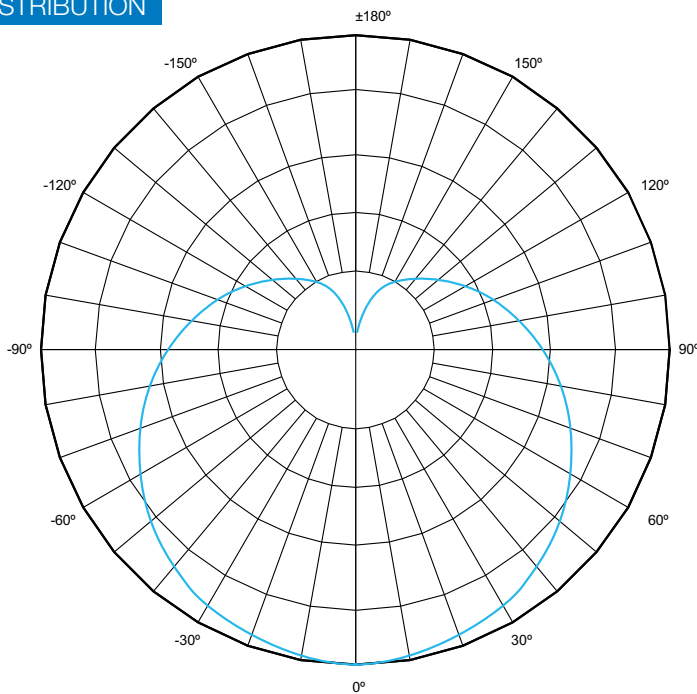
- xx represents CCT, xx=35 is 3500K, xx=40 is 4000K, xx=50 is 5000K
- Average performance per lamp based on 4000K
- Performance will vary based on lamp quantity and actual ballast used
- Bare Lamp data is based on use with a .88 ballast factor ballast



DIMENSIONS: in (mm)



POLAR DISTRIBUTION



OPERATING NOTES:

- Lamp used as a direct replacement for fluorescent 4' T8 lamps with electronic ballasts only.
- Consult www.unvlt.com for compatible ballast list. Compatibility subject to change as additional ballasts are tested. Contact your Universal Lighting representative if you do not see your ballast on the compatibility list.
- Suitable for use in dry and damp environments
- Not for use with Magnetic ballasts
- Must follow installation guidelines provide with the lamp shipment.
- NSF Listed for Food Zone (Non-contact), Splash Zone, and Non-food Zone.
- Lampholders must be shunted either internally or externally when using Instant start ballasts.