

LED DOUBLE-SIDED T8
SIGN RETROFIT SERIES 2



PRODUCT DESCRIPTION:

Featuring high quality, energy-saving LED modules on two sides, MaxLite LED Double-Sided T8 Lamps are designed for lighting marquees, roadway signs and many other types of outdoor and indoor displays. Designed to replace T12 HO fluorescent tubes, MaxLite LED lamps reduce energy usage by up to 62 percent and offer a much longer, maintenance-free life of 50,000 hours. Unlike standard LED lamps with 120° to 180° beam angles, the MaxLite Double-Sided T8 Lamp offers a virtual 360-degree distribution with individual optics that create bright and uniform illumination without any dark spots. The lamp is issued in a 6500K color temperature to provide the best color quality and visual impact; additional color temperatures are available on custom order.

FEATURES:

- Input Power: 18W - 36W
- Input Voltage: 120-277VAC, ballast bypass
- Lumens: 2,100-5,000
- Double-sided LEDs designed for a virtual 360° illumination
- 330° beam angle
- Individualized optics for superior light distribution and uniformity
- Standard G13 base with nonrotatable R17d end caps
- Integrated heat sink for cool operation and longevity
- Color Rendering Index (CRI): ≥80
- CCT: 6500K
- Lumen Maintenance (L70): 50,000 hour life
- THD <20%
- Power Factor: ≥0.9
- Instant-on, flicker-free, mercury-free
- No UV or IR minimizes fading or discoloration
- Durable polycarbonate construction
- Non-Dimmable

- 5 year limited warranty
- Suitable for use in dry and damp locations
- Not for use with T12 magnetic or electronic ballasts
- Not for use with T8 magnetic or electronic ballasts

APPLICATION:

- Box sign lighting
- Light boxes
- Backlit displays
- General lighting



SPECIFICATIONS:

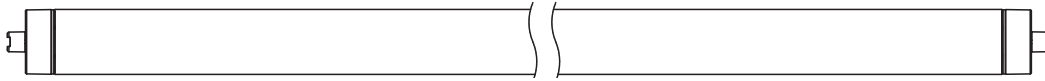
| ITEM | SPECIFICATION | DSL18T8SE465 | DSL24T8SE565 | DSL30T8SE665 | DSL36T8SE865 |
|---------------------|-------------------------|---|----------------|----------------|----------------|
| GENERAL PERFORMANCE | Power Consumption | 18W | 24W | 30W | 36W |
| | Lumens Delivered | 2,100 | 2,800 | 4,100 | 5,000 |
| | Efficacy (lm/W) | 117 | 117 | 137 | 137 |
| | CRI | 83 | | | |
| | Beam Angle | 330° | | | |
| | Color Temperature (CCT) | 6500K | | | |
| | Lumen Maintenance (L70) | 50,000 Hours | | | |
| ELECTRICAL | Power Factor | ≥ 0.90 | | | |
| | Input Voltage | 120V-277V, 50/60 Hz | | | |
| PHYSICAL | Operating Temperature | -4°F to 104°F (-20° - 50° C) | | | |
| | Lens | Frosted | | | |
| | Base | G13 base with nonrotatable R17d end cap | | | |
| | Dimension (MOL" x Dia.) | 45.91" x 1.11" | 57.91" x 1.11" | 69.91" x 1.11" | 93.91" x 1.11" |
| CERTIFICATION | Certification | Classified UL, Recognized Component | | | |
| | Material Usage | RoHS compliant; no mercury | | | |
| | Environment | Dry or Damp | | | |
| | Warranty | 5 Years | | | |

Lighting layouts and spacing criteria available upon request

ORDERING:

| ITEM NUMBER | ORDER CODE | T12HO REPLACEMENT EQUIVALENT | LAMP WATTAGE (W) | LUMENS | INPUT VOLTAGE (V) | CCT | CRI | BEAM ANGLE (°) |
|--------------|------------|------------------------------|------------------|--------|-------------------|-------|-----|----------------|
| 4FT | | | | | | | | |
| DSL18T8SE465 | 14098999 | 60W | 18W | 2100 | 120-277V | 6500K | 83 | 330° |
| 5FT | | | | | | | | |
| DSL24T8SE565 | 14099000 | 75W | 24W | 2,800 | 120-277V | 6500K | 83 | 330° |
| 6FT | | | | | | | | |
| DSL30T8SE665 | 14099001 | 85W | 30W | 4,100 | 120-277V | 6500K | 83 | 330° |
| 8FT | | | | | | | | |
| DSL36T8SE865 | 14099002 | 110W | 36W | 5,000 | 120-277V | 6500K | 83 | 330° |

LINE DRAWING



Ø 1.11" (28.4mm)

LIGHT BOX COMPARISON

