

Features & Benefits

- No rewiring needed
- Works with fluorescent electronic ballast (Instant Start and Programmed Start)*
- Long life
- High CRI
- Instant on, no delay
- Convenient and quick installation
- Utilizes existing instant start or rapid start sockets
- No Mercury, No UV
- Compatible with controls and sensors
- Works in cold temperature applications
- Glass tube for superior optical performance
- 5 Year Warranty
- Super Wide View Angle



RetroFlex™ HE

LED T8 LAMP • Simplicity.

Direct Replacement of Fluorescent Commercial Grade LED T8 Lamp

Specification Data

| Model No. | Length | Lamp Wattage | System Wattage | CCT | Initial Lumens | CRI | Beam Angle | Lamp Efficacy | Life |
|------------------|--------|--------------|----------------|-------|----------------|-----|------------|---------------|--------|
| L48T8/850/12G-EB | 48" | 12W | 14W | 5000K | 1800 | 83 | 325° | 135 | 50,000 |
| L48T8/840/12G-EB | 48" | 12W | 14W | 4000K | 1800 | 83 | 325° | 135 | 50,000 |
| L48T8/835/12G-EB | 48" | 12W | 14W | 3500K | 1800 | 83 | 325° | 135 | 50,000 |

Based on Normal Ballast Factor

Ordering Information

EXAMPLE: L48T8/840/12G-EB

| | | | | | | | |
|---------------------|----------------------------|-----------------------|----------------|---|--------------------------------|----------|-------------------------------|
| L | 48 | T8 | 8 | 40 | 12G | - | EB |
| Manufacturer's Code | Nominal Length 48 = 48" | Lamp Shape T8 = T8 | CRI 8 = >80 | CCT 50 = 5000K 40 = 4000K 35 = 3500K | Lamp Wattage Code 12G = 12W | | Electronic Ballast Compatible |

System performance

| Specification | Low Ballast Factor (0.77) | Normal Ballast Factor (0.88) | High Ballast Factor (1.18) |
|-----------------|---------------------------|------------------------------|----------------------------|
| Lamp Wattage | 10W | 12W | 16W |
| System Wattage | 12W | 14W | 18W |
| Lumen Output | 1380 lm | 1800 lm | 2200 lm |
| Efficacy (lm/W) | 135 lm/W | 135 lm/W | 135 lm/W |

* Please check ballast compatibility list before installation.

Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.