



### Key Features & Benefits

- ▶ Glass with frosted lens
- ▶ Compatible with Instant Start/ FL Electronic Ballast
- ▶ Excellent color consistency
- ▶ No Flickering
- ▶ Noise- Free design
- ▶ UL/cUL Listed
- ▶ 50,000 hrs rated average life
- ▶ \*FL T8 ballast required

### Applications

- ▶ Conference Room
- ▶ Meeting Room
- ▶ Factory/ Office
- ▶ School & University
- ▶ Hospital
- ▶ Hotel



Instant On



Medium Bi-Pin Base



Non-Dimmable



Long Life Hours



FL T8 Ballast Required\*

naturaLED® Instant-Fit LED T8 is the easiest way to upgrade your fluorescent fixture to LED system. naturaLED® Instant-Fit LED T8 fits into existing T8 fluorescent system. It utilizes the existing electrical T8 fluorescent ballast without re-wiring work.

NaturaLED Instant Fit T8 lamps come in a variety of lamp lengths and lighting levels, it is the simplest LED upgrade for your fluorescent systems.

# LED INSTANT FIT T8



## Dimensions

| LED  | Diameter (in/mm) | Length (in/mm) | Weight (lbs) |
|------|------------------|----------------|--------------|
| 2 ft | 1 / 25.4         | 24 / 610       | 0.25         |
| 4 ft | 1 / 25.4         | 48 / 1219      | 0.50         |
| 8 ft | 1 / 25.4         | 96 / 2438      | 1.00         |

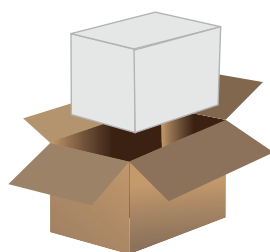
## Product Data

| Item Code | Description           | Wattage      | Length   | CCT   | Lumen Output | Equiv. Wattage | Lens    | Beam Angle | DLC | RoHS COMPLIANT |
|-----------|-----------------------|--------------|----------|-------|--------------|----------------|---------|------------|-----|----------------|
| 5850      | LED10T8/24FR11/835/IF | <b>10W</b>   | 2 ft/24" | 3500K | 1,150        | 17W            | Frosted | 230 °      | ●   | ●              |
| 5851      | LED10T8/24FR11/840/IF | <b>10W</b>   | 2 ft/24" | 4000K | 1,150        | 17W            | Frosted | 230 °      | ●   | ●              |
| 5852      | LED10T8/24FR11/850/IF | <b>10W</b>   | 2 ft/24" | 4000K | 1,150        | 17W            | Frosted | 230 °      | ●   | ●              |
| 5844      | LED17.5T8/FR19/835/IF | <b>17.5W</b> | 4 ft/48" | 3500K | 1,900        | 32W            | Frosted | 230 °      | ●   | ●              |
| 5845      | LED17.5T8/FR19/840/IF | <b>17.5W</b> | 4 ft/48" | 4000K | 1,900        | 32W            | Frosted | 230 °      | ●   | ●              |
| 5846      | LED17.5T8/FR19/850/IF | <b>17.5W</b> | 4 ft/48" | 5000K | 1,900        | 32W            | Frosted | 230 °      | ●   | ●              |
| 5887      | LED38T8/96FR44/840/IF | <b>38W</b>   | 8 ft/96" | 4000K | 4,400        | 59W            | Frosted | 230 °      |     | ●              |
| 5888      | LED38T8/96FR44/850/IF | <b>38W</b>   | 8 ft/96" | 5000K | 4,400        | 59W            | Frosted | 230 °      |     | ●              |

## Watts, Lumens, and Life of T8 LED at various ballast factors

|                              | <u>Rated Bare watts</u>             | <u>Bare watts</u> | <u>Rated lumens</u> | <u>Bare Lumens</u> | <u>Average system watts</u>      |                                     |                                   | <u>Initial Lumens</u>            |                                     |                                   | <u>Life</u>                      |                                     |                                   |
|------------------------------|-------------------------------------|-------------------|---------------------|--------------------|----------------------------------|-------------------------------------|-----------------------------------|----------------------------------|-------------------------------------|-----------------------------------|----------------------------------|-------------------------------------|-----------------------------------|
| <u>Description</u>           | <u>Normal ballast factor (0.88)</u> |                   |                     |                    | <u>Low ballast factor (0.78)</u> | <u>Normal ballast factor (0.88)</u> | <u>High ballast factor (1.18)</u> | <u>Low ballast factor (0.78)</u> | <u>Normal ballast factor (0.88)</u> | <u>High ballast factor (1.18)</u> | <u>Low ballast factor (0.78)</u> | <u>Normal ballast factor (0.88)</u> | <u>High ballast factor (1.18)</u> |
| Ballast Compatible 2ft 10W   | 9.0                                 | 9.3               | 1150                | 1127               | 11.9                             | 12.8                                | 18.7                              | 943                              | 1127                                | 1532                              | >50Khrs                          | >50Khrs                             | TBC                               |
| Ballast Compatible 4ft 17.5W | 14.0                                | 14.1              | 1800                | 1839               | 14.3                             | 16.4                                | 23.5                              | 1530                             | 1839                                | 2450                              | >50Khrs                          | >50Khrs                             | TBC                               |

## Package



Package  
(Master)  
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