

|             |       |
|-------------|-------|
| PROJECT:    |       |
| SCHEDULE:   | DATE: |
| PREPARE BY: |       |
| NOTES:      |       |

## T8 INSTANT FIT T8 TUBES

### DESCRIPTION

naturaLED® Instant-Fit T8 easiest way to upgrade your fluorescent fixture to an LED lighting system. Our Instant-Fit T8 fits into an existing fluorescent lighting system. Utilizes the existing electrical T8 fluorescent ballast without re-wiring. Our instant fit tubes come in variety of lengths from 2-ft, 3-ft, 4-ft, and 8-ft.

### APPLICATIONS

Retails, restaurants, hospitalities, offices, schools



### FEATURES

- DLC Standard
- Damp Location
- Instant On
- Compatible with electronic fluorescent ballast\*
- Instant Fit/ Plug and Play (UL Type A)
- Base: Medium Bi-Pin G13, Single FA8
- Power Factor: >0.9
- Non-dimmable
- Length: 2-ft, 3-ft, 4-ft, 8-ft
- Beam Spread: 325°
- Operating temperature: -4°F - 113°F
- 50,000 hrs rated average life

### BASE TYPE



\*check compatibility list

| SAMPLE NUMBER |         | LED13T8/FR18/840/IF |                         |                 |             |
|---------------|---------|---------------------|-------------------------|-----------------|-------------|
| STYLE         | WATTAGE | SERIES              | WATTAGE                 | CRI/COLOR TEMP  | TYPE        |
| LED           | 13      | T8                  | FR18                    | 840             | IF          |
| LED Lighting  | 13 Watt | T8 Tubes            | Frosted<br>1,800 lumens | CRI 80<br>4000K | Instant Fit |



# INSTANT FIT T8 TUBES

## TUBE LUMINAIRES

### ORDERING

\*P= Premium DLC / \*S = Standard DLC

| Watts (W) | Ordering Code | Description             | CCT (K) | Lumens (Lm) | Equivalent Wattage | Length | Base       | UL Damp | DLC (S/P) |
|-----------|---------------|-------------------------|---------|-------------|--------------------|--------|------------|---------|-----------|
| 10        | <b>4558</b>   | LED10T8/24FR12/840/IFG1 | 4000K   | 1,250       | 17W                | 2-ft   | Bi-Pin     | •       | S         |
| 10        | <b>4559</b>   | LED10T8/24FR12/850/IFG1 | 5000K   | 1,250       | 17W                | 2-ft   | Bi-Pin     | •       | S         |
| 12        | <b>4551</b>   | LED12T8/36FR14/840/IFG1 | 4000K   | 1,450       | 17W                | 3-ft   | Bi-Pin     | •       | S         |
| 12        | <b>4552</b>   | LED12T8/36FR14/850/IFG1 | 5000K   | 1,450       | 17W                | 3-ft   | Bi-Pin     | •       | S         |
| 13        | <b>4582</b>   | LED13T8/FR18/840/IF     | 4000K   | 1,800       | 32W                | 4-ft   | Bi-Pin     | •       | S         |
| 13        | <b>4583</b>   | LED13T8/FR18/850/IF     | 5000K   | 1,800       | 32W                | 4-ft   | Bi-Pin     | •       | S         |
| 16        | <b>4584</b>   | LED16T8/FR22/840/IF     | 4000K   | 2,200       | 32W                | 4-ft   | Bi-Pin     | •       | S         |
| 16        | <b>4585</b>   | LED16T8/FR22/850/IF     | 5000K   | 2,200       | 32W                | 4-ft   | Bi-Pin     | •       | S         |
| 10        | <b>5988</b>   | LED10T8/24FR12/840/IFG1 | 4000K   | 1,156       | 17W                | 2-ft   | Bi-Pin     | •       | -         |
| 10        | <b>5989</b>   | LED10T8/24FR12/850/IFG1 | 5000K   | 1,208       | 17W                | 2-ft   | Bi-Pin     | •       | -         |
| 10        | <b>5850</b>   | LED10T8/24FR11/835/IFG1 | 3500K   | 1,150       | 17W                | 2-ft   | Bi-Pin     | •       | -         |
| 10        | <b>5851</b>   | LED10T8/24FR11/840/IFG1 | 4000K   | 1,150       | 17W                | 2-ft   | Bi-Pin     | •       | -         |
| 10        | <b>5852</b>   | LED10T8/24FR11/850/IFG1 | 5000K   | 1,150       | 17W                | 2-ft   | Bi-Pin     | •       | -         |
| 11        | <b>5891</b>   | LED11T8/36FR14/840/IF   | 4000K   | 1,400       | 25W                | 3-ft   | Bi-Pin     | •       | -         |
| 11        | <b>5892</b>   | LED11T8/36FR14/850/IF   | 5000K   | 1,400       | 25W                | 3-ft   | Bi-Pin     | •       | -         |
| 13        | <b>4536</b>   | LED13T8/FR16/840/IF     | 4000K   | 1,650       | 32W                | 4-ft   | Bi-Pin     | •       | -         |
| 38        | <b>5887</b>   | LED38T8/96FR44/840/IF   | 4000K   | 4,400       | 75W                | 8-ft   | Single FA8 | •       | -         |
| 38        | <b>5888</b>   | LED38T8/96FR44/850/IF   | 5000K   | 4,400       | 75W                | 8-ft   | Single FA8 | •       | -         |

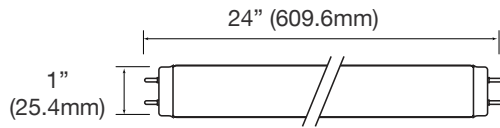
# INSTANT FIT T8 TUBES

## TUBE LUMAIRES

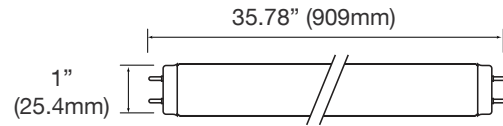
\*P= Premium DLC / \*S = Standard DLC

### DIMENSIONS

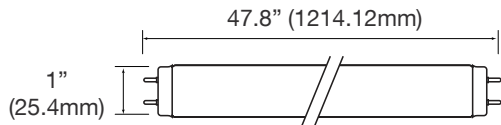
**10W (2-ft)**  
0.24-lbs



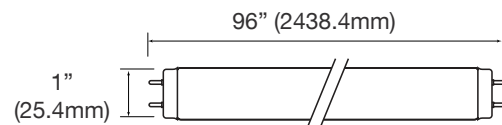
**12W (3-ft)**  
0.35-lbs



**13W / 16W (4-ft)**  
0.43-lbs

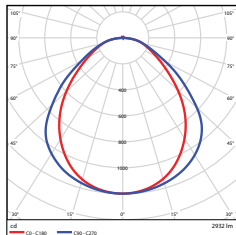


**38W (8-ft)**



### PHOTOMETRICS CHART

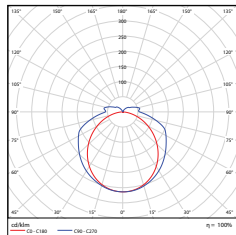
**10 Watt (2-ft)**



| Center Beam Fc | Beam Width              |
|----------------|-------------------------|
| 3.5ft          | 192 fc 5.2 ft 6.5 ft    |
| 5.0ft          | 48.0 fc 10.4 ft 13.0 ft |
| 7.5ft          | 21.3 fc 15.6 ft 19.5 ft |
| 10.0ft         | 12.0 fc 20.8 ft 25.9 ft |
| 12.5ft         | 7.67 fc 26.0 ft 32.4 ft |
| 15.0ft         | 5.33 fc 31.2 ft 38.9 ft |

■ Vert. Spread: 92.3°  
■ Horiz. Spread: 104.8°

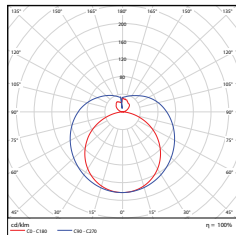
**12 Watt (3-ft)**



| Center Beam Fc | Beam Width              |
|----------------|-------------------------|
| 1.7ft          | 253 fc 4.4 ft 10.4 ft   |
| 3.3ft          | 67.1 fc 8.6 ft 20.1 ft  |
| 5.0ft          | 29.2 fc 13.0 ft 30.5 ft |
| 6.7ft          | 16.3 fc 17.4 ft 40.8 ft |
| 8.3ft          | 10.6 fc 21.5 ft 50.6 ft |
| 10.0ft         | 7.91 fc 26.0 ft 60.9 ft |

■ Vert. Spread: 104.8°  
■ Horiz. Spread: 143.7°

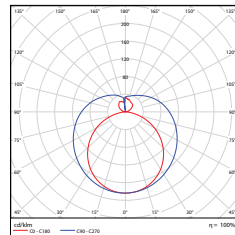
**13 Watt (4-ft)**



| Center Beam Fc | Beam Width      |
|----------------|-----------------|
| 1.7ft          | 110 fc 5.0 ft   |
| 3.3ft          | 29.1 fc 9.6 ft  |
| 5.0ft          | 12.7 fc 14.6 ft |
| 6.7ft          | 7.07 fc 19.6 ft |
| 8.3ft          | 4.61 fc 24.2 ft |
| 10.0ft         | 3.17 fc 29.2 ft |

■ Beam Spread: 111.2°

**16 Watt (4-ft)**

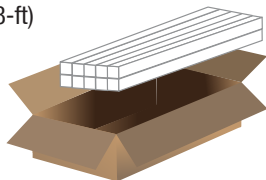


| Center Beam Fc | Beam Width      |
|----------------|-----------------|
| 1.7ft          | 135 fc 5.0 ft   |
| 3.3ft          | 35.8 fc 9.6 ft  |
| 5.0ft          | 15.6 fc 14.6 ft |
| 6.7ft          | 8.68 fc 19.5 ft |
| 8.3ft          | 5.66 fc 24.2 ft |
| 10.0ft         | 3.90 fc 29.1 ft |

■ Beam Spread: 111.1°

### PACKAGE

**Case Qty 10 pcs (8-ft)**



**Case Qty 25 pcs**

