

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

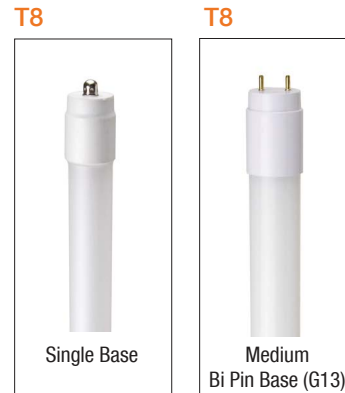
Retails, restaurants, hospitalities, offices, schools



### 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 1,800 lumens	CRI 80 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	•	-

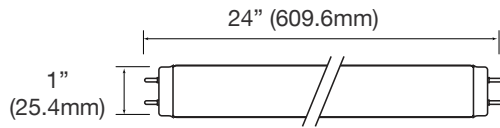
# INSTANT FIT T8 TUBES

## TUBE LUMAIRES

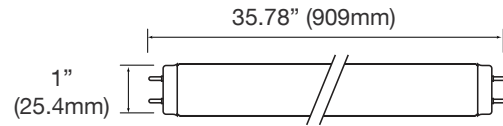
\*P= Premium DLC / \*S = Standard DLC

### DIMENSIONS

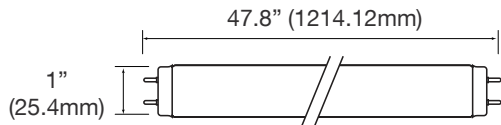
**10W (2-ft)**  
0.24-lbs



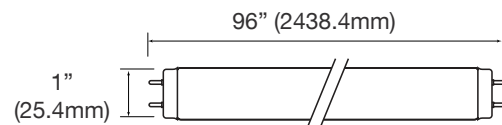
**12W (3-ft)**  
0.35-lbs



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

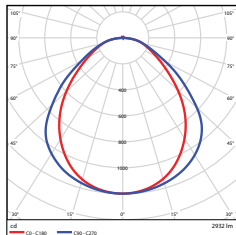


**38W (8-ft)**



### PHOTOMETRICS CHART

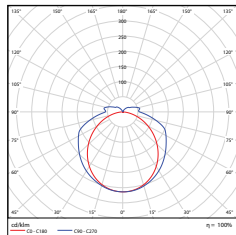
**10 Watt (2-ft)**



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°

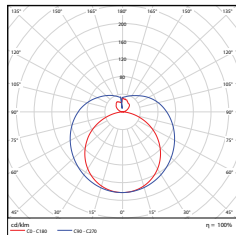
**12 Watt (3-ft)**



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	7.31 fc 26.0 ft 60.9 ft

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

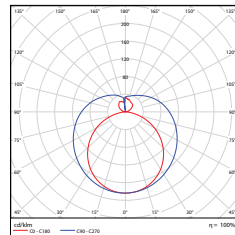
**13 Watt (4-ft)**



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)**

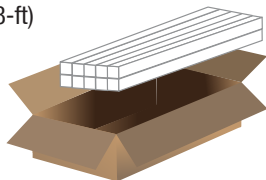


Center Beam Fc	Beam Width
1.7ft	135 fc 5.0 ft
3.3ft	35.8 fc 9.6 ft
5.0ft	15.6 fc 14.6 ft
6.7ft	8.68 fc 19.5 ft
8.3ft	5.66 fc 24.2 ft
10.0ft	3.90 fc 29.1 ft

■ Beam Spread: 111.1°

### PACKAGE

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



**Case Qty 25 pcs**

