

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

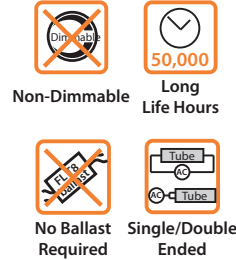
NOTES:

DESCRIPTION

naturaLED® LED Integrated Driver T5/T8 Tubes are direct-wire installation to replace Fluorescent Tubes. Designed to be noise-free and non-flickering, our LED Tubes selections from 9W to 43W can replace 2ft, 3ft, 4ft, 8ft Fluorescent Tubes. DLC qualified LED tubes are designed to provide right amount of light levels while utilizing a dedicated internal driver. Our integrated tubes can provide up to 60% in energy savings compare to 4ft 32-watt fluorescent lamps. With excellent color consistency, and Glass Construction, our integrated driver design brings you the best retrofit solution.

APPLICATIONS

Retails, Restaurants, Hospitalities, Offices, Schools, Conference Rooms, Meeting Rooms, Factories



Rated Life Hours 50,000
Warranty 5 Years

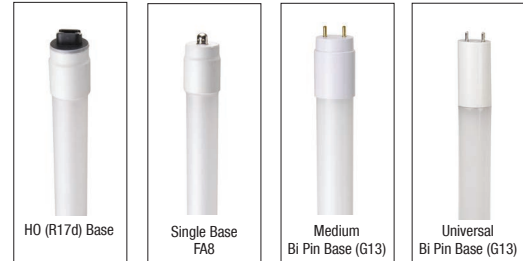


FEATURES

- DLC Standard
- For Damp Location
- UL Listed
- Retrofit for T5/T8/T12 fluorescent tubes
- Ballast bypass design (UL Type B)
- Universal T8 designed for shunted/non-shunted tombstones sockets
- T5 designed for double sided wiring
- T8 designed for single and double ended wiring (depends on model)
- No flickering
- No ballast required
- Input Voltage: 120-277V
- Surge Protect Level: 1.5KV (all by-pass tubes)
- Operating temperature: - 4°F - 113°F
- 50,000 hrs rated average life

BASE TYPE

T8



T5



SAMPLE NUMBER LED14T8/FR18/840/UNV

STYLE	WATTAGE	SERIES	LENS/LENGTH	CRI	COLOR TEMP	TYPE
LED	14	T8	FR18	8	40	UNV
led lighting	14 watt	T8 tubes	frosted 1,800 lumens	CRI 80	4000K	universal driver design



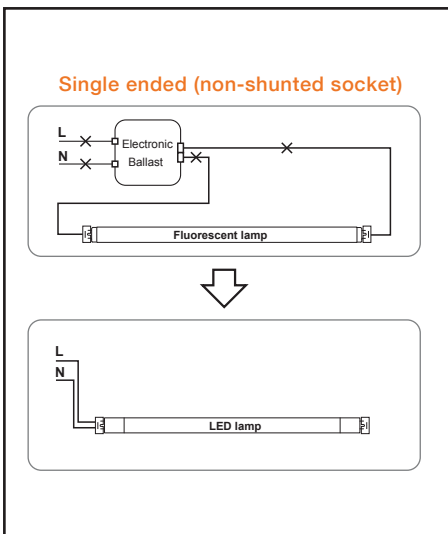
ORDERING

*P= Premium DLC / *S = Standard DLC

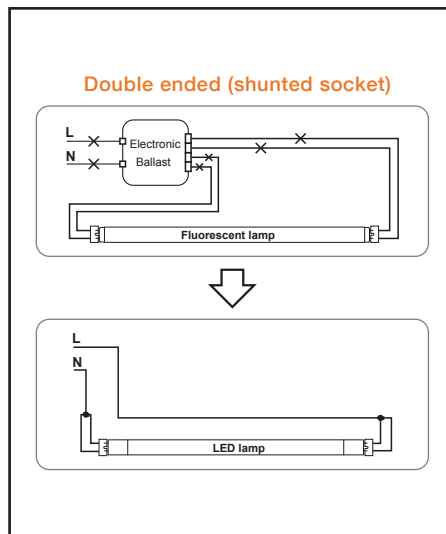
Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Base	Length	Equiv. Wattage (W)	Wiring Method	Damp Location	DLC (S/P)
25	5943	LED25T5/FR35/850	5000K	3,500	Bi-Pin	4'/48inch	54	II	•	S
9	4556	LED9T8/24FR11/840/UNV	4000K	1,150	Bi-Pin	2'/24inch	17	I or II	•	S
9	4557	LED9T8/24FR11/850/UNV	5000K	1,150	Bi-Pin	2'/24inch	17	I or II	•	S
10	5778	LED10T8/24FR10/840	4000K	1,109	Bi-Pin	2'/24inch	17	I or II	•	-
12	4569	LED12T8/36FR14/840/UNV	4000K	1,450	Bi-Pin	3'/36inch	25	I or II	•	S
12	4570	LED12T8/36FR14/850/UNV	5000K	1,450	Bi-Pin	3'/36inch	25	I or II	•	S
10.5	4603	LED10.5T8/FR17/840/UNV	4000K	1,700	Bi-Pin	4'/48inch	32	I or II	•	S
10.5	4604	LED10.5T8/FR17/850/UNV	5000K	1,700	Bi-Pin	4'/48inch	32	I or II	•	S
14	4538	LED14T8/FR18/840/UNV	4000K	1,800	Bi-Pin	4'/48inch	32	I or II	•	S
14	4539	LED14T8/FR18/850/UNV	5000K	1,800	Bi-Pin	4'/48inch	32	I or II	•	S
15	5953	LED15T8/36FR16/840	4000K	1,600	Bi-Pin	3'/36inch	25	I	•	-
15	5954	LED15T8/36FR16/850	5000K	1,600	Bi-Pin	3'/36inch	25	I	•	-
15	5955	LED15T8/FR18/840G1	4000K	1,800	Bi-Pin	4'/48inch	32	I	•	S
15	5956	LED15T8/FR18/850G1	5000K	1,800	Bi-Pin	4'/48inch	32	I	•	S
40	4599	LED40T8/96FR55/840	4000K	5,500	Single	8'/96inch	110	III	•	S
40	4600	LED40T8/96FR55/850	5000K	5,500	Single	8'/96inch	110	III	•	S
40	4601	LED40T8/96FR55/R17D/840	4000K	5,500	R17d	8'/96inch	110	II	•	-
40	4602	LED40T8/96FR55/R17D/850	5000K	5,500	R17d	8'/96inch	110	II	•	-
43	5958	LED43T8/96FR55/840	4000K	5,500	Single	8'/96inch	110	III	•	S
43	5959	LED43T8/96FR55/850	5000K	5,500	Single	8'/96inch	110	III	•	S
43	5960	LED43T8/96FR55/R17D/840	4000K	5,500	R17d	8'/96inch	110	II	•	-
43	5961	LED43T8/96FR55/R17D/850	5000K	5,500	R17d	8'/96inch	110	II	•	-

Surface Mount Kit Dimension

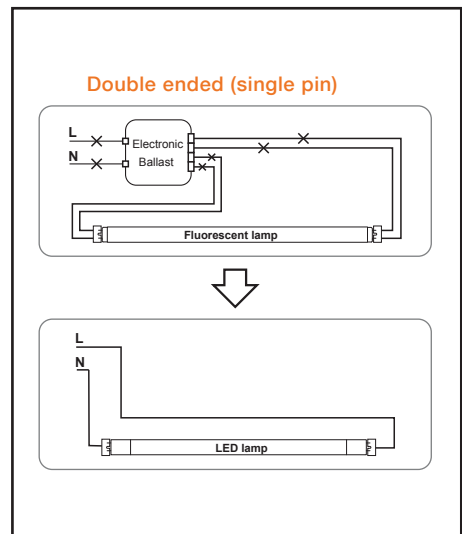
Wiring method - I



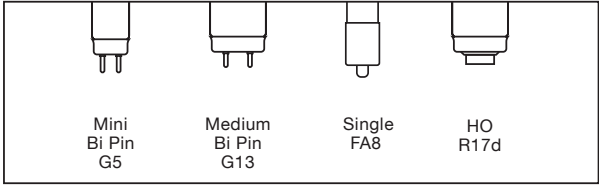
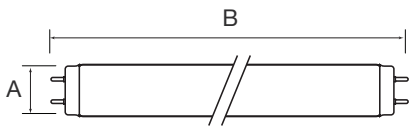
Wiring method - II



Wiring method - III



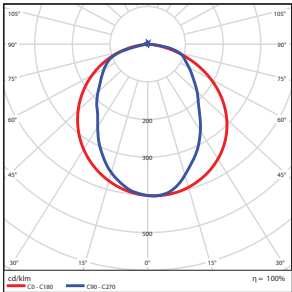
DIMENSIONS



Style	Type	A (Diameter)	B (Length)	Weight (lbs)
T5	4-ft	0.63"(15.87mm)	48"(1219.2mm)	0.45
T8	2-ft	1.00" (25.4mm)	24"(609.6mm)	0.50
T8	3-ft	1.00" (25.4mm)	36"(914.4mm)	0.65
T8	4-ft	1.00" (25.4mm)	48" (1219.2mm)	0.80
T8 (FA8)	8-ft	1.00" (25.4mm)	96" (2438.4mm)	1.50
T8 (R17d)	8-ft	1.00" (25.4mm)	96" (2438.4mm)	1.50

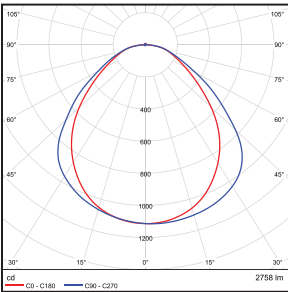
PHOTOMETRICS CHART

25W T5 (4-ft)
DLC Standard



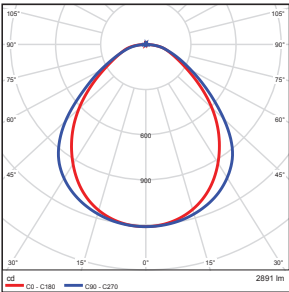
Illuminance at a Distance		
Center Beam fc	Beam Width	
2.5R	815 fc	7.7 ft 4.5 ft
5.0R	204 fc	15.4 ft 8.9 ft
7.5R	90.6 fc	23.2 ft 13.4 ft
10.0R	50.9 fc	30.9 ft 17.9 ft
12.5R	32.6 fc	38.6 ft 22.3 ft
15.0R	22.6 fc	46.3 ft 26.8 ft
■ Vert. Spread: 114.2° ■ Horiz. Spread: 63.6°		

9W T8 (2-ft)
DLC Standard



Illuminance at a Distance		
Center Beam fc	Beam Width	
2.5R	178 fc	5.4 ft 6.5 ft
5.0R	44.5 fc	10.7 ft 13.1 ft
7.5R	19.8 fc	16.1 ft 19.6 ft
10.0R	11.1 fc	21.4 ft 26.1 ft
12.5R	7.13 fc	26.8 ft 32.7 ft
15.0R	4.95 fc	32.2 ft 39.2 ft
■ Vert. Spread: 94.0° ■ Horiz. Spread: 105.2°		

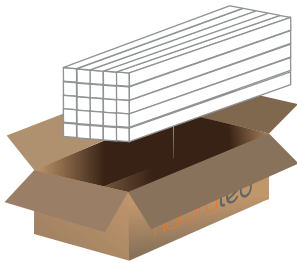
15W T8 (4-ft)
DLC Standard



Illuminance at a Distance		
Center Beam fc	Beam Width	
2.5R	197 fc	5.5 ft 6.3 ft
5.0R	49.3 fc	11.0 ft 12.7 ft
7.5R	21.9 fc	16.5 ft 19.0 ft
10.0R	12.3 fc	22.0 ft 25.3 ft
12.5R	7.88 fc	27.5 ft 31.7 ft
15.0R	5.47 fc	33.0 ft 38.0 ft
■ Vert. Spread: 95.5° ■ Horiz. Spread: 103.4°		

PACKAGE

Case Qty 25pcs (for 2/3/4-ft)



Case Qty 10pcs (for 8-ft)

