



Client:	
Order #:	
Project:	
Type:	

## DESCRIPTION

The MultiTube series LED tube provides ultimate fluorescent tube retrofit kit solution with standard size of fluorescent. The tube is designed to use in existing fixture and approved for use in enclosed fixtures. The Select-n-Switch technology allows 5-CCT & 3-Power selectable in the field with energy efficient performance, delivering up to 150 lumens per watt. G13 Bi-pin base with wiring of any 2-pin makes this ballast bypass tube suitable for both shunted and non-shunted socket. The LED tube is suitable for damp location and is perfect for walkways & pathways, 2x4 fixtures, T8 strip fixtures, output corridors, general outdoor lighting, residential, commercial and industrial areas.

## FEATURES

- Field selectable 3000K, 3500K, 4000K, 5000K, 6500K and color temperatures.
- Color rendering index > 80, R9 > 0. View Angle: 300°.
- NSF Rated Shatterproof Design. Frosted lens with film protectant for extra shatter protection (food industry OK).
- Operating Temperature: -20° - 130° F.
- FCC CFR 47, GCC Part 15, Subpart B:2017.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Phase-cut Dimmable using compatible dimmer
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Built in 2.5Kv Surge Protector.
- Average life (L70) of 70,000 hours.
- UL Listed for USA

## ORDERING INFORMATION

**L / 48 / T8 / 8 / F / 15 / G / ID DE / AC / (10W/12W/15W)**

SERIES	LENGTH	DIMENSION	CRI	CCT	MAX WATTAGE	MATERIAL	FAMILY	COATING	POWER SELECTIONS
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LAMP SERIES	
L	Linear
LENGTH	
48	48 Inches
DIMENSION	
T8	T8 - One Inch Diameter Tube
CRI	
8	80+ Color Rendering Index (CRI)

CCT	
F	Five CCT Select. (30K, 35K, 40K, 50K, 65K)
MAX WATTAGE	
15	15 Watts, with 12W and 10.5 W Select.
MATERIAL	
G	Glass
FAMILY	
ID DE	Internal Driver Double End

COATING	
AC	Armor Coat - Shatter Resistant Coating
POWER SELECTIONS	
(10W/12W/15W)	3 Power Selections - 10, 12, & 15 Watts
WARRANTY	
-	5 Year Warranty (Standard)

## PERFORMANCE DATA

### CRI

80+

### CCT

3000K, 3500K, 4000K  
5000K, 6500K

### Projected Lifetime

>143,000 Hours (L70);  
>42,000 Hours (L90)

### Dimming

Phase-cut Dimmable with compatible dimmer

### Operating Temperature

-28° to +55°C Ambient

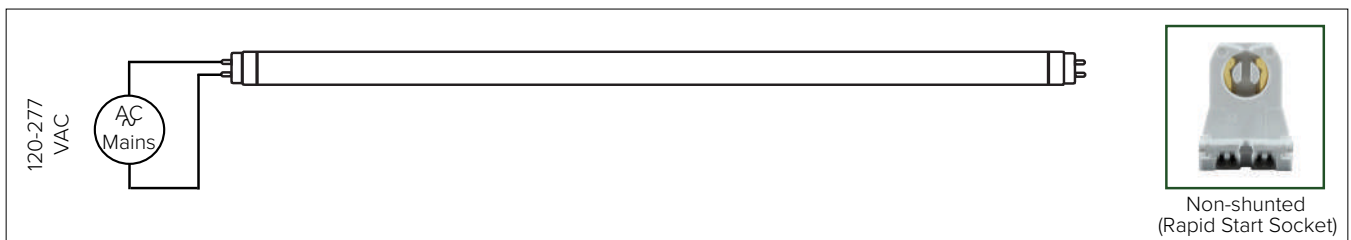
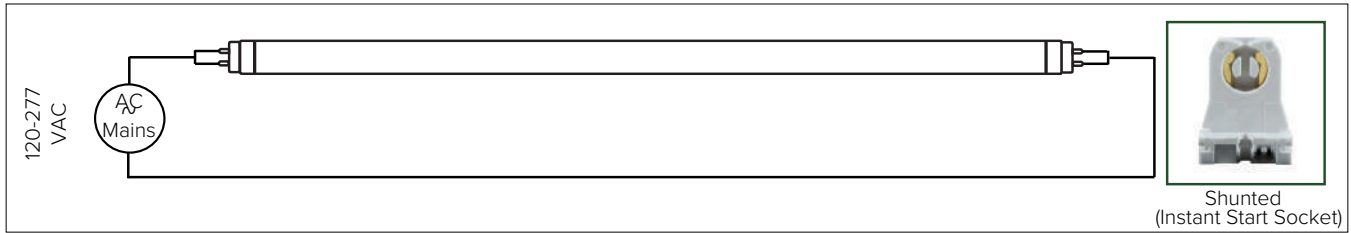
### Warranty

5 year Standard

## SPECIFICATION DATA

MODEL NUMBER	POWER SELECTIONS	30K		35K		40K		50K		65K	
		INITIAL LUMENS	EFFICACY	INITIAL LUMENS	EFFICACY	INITIAL LUMENS	EFFICACY	INITIAL LUMENS	EFFICACY	INITIAL LUMENS	EFFICACY
L48T8/8F/15G-ID DE(-AC) (10W/12W/15W)	10.5 W	1600	152 LPW	1600	152 LPW	1625	155 LPW	1625	155 LPW	1625	155 LPW
L48T8/8F/15G-ID DE(-AC) (10W/12W/15W)	12 W	1800	150 LPW	1800	150 LPW	1825	152 LPW	1825	152 LPW	1825	152 LPW
L48T8/8F/15G-ID DE(-AC) (10W/12W/15W)	15 W	2225	149 LPW	2225	149 LPW	2250	150 LPW	2250	150 LPW	2250	150 LPW

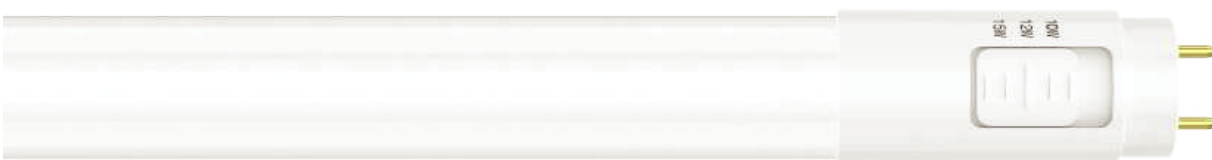
## WIRING DIAGRAM



## SELECT-N-SWITCH 5-CCT SELECTOR



## 3-POWER SELECTOR





## COMPATIBLE DIMMER

DIMMER MANUFACTURER	DIMMER MODEL
LUTRON	DVELV-300P-BR
LUTRON	DVELV-300P-GR
LUTRON	DVELV-300P-IV
LUTRON	DVELV-300P-LA
LUTRON	DVELV-300P-WH
LUTRON	DVELV-303P-BR
LUTRON	DVELV-303P-GR
LUTRON	DVELV-303P-IV
LUTRON	DVELV-303P-LA
LUTRON	DVELV-303P-WH
LUTRON	MAELV-600-AL
LUTRON	MAELV-600-BL
LUTRON	MAELV-600-BR
LUTRON	MAELV-600-GR
LUTRON	MAELV-600-IV
LUTRON	MAELV-600-LA
LUTRON	MAELV-600-WH