



LED MAGIC T8 TUBES

Plastic/Aluminum Material

Single- or Double-Ended Wiring | 5 CCT & 5 Wattage Tunable

DESCRIPTION

Plastic / Aluminum | 4' LED T8 Tubes | G-13 Base

Wattage	10W-12W-15W-18W-24W tunable
CCT	3500K-4000K-5000K-5700K-6500K tunable
CRI	>80
Beam angle	120°
Warranty	5 years



PRODUCT FEATURES

- Compatible with most instant- and programmed-start electronic T8 ballasts
- Bypass ballast runs on 120-277V/120-347V line voltage
- Single- or double-ended wiring
- CCT & wattage tunable switchable
- 50,000+ hour lifetime
- Suitable for dry and damp indoor locations
- Operating temperature -4°F to +113°F
- ETL Listed



LAMP CODE DEFINITIONS

JL-ALT8-4FTAB-M24W-CCT-VL/VH

① ② ③ ④ ⑤ ⑥ ⑦

- ① Factory code
- ② Plastic / Aluminum T8 tubes
- ③ Nominal Length
- ④ TYPE A + B
- ⑤ Wattage
- ⑥ Color Temperature
- ⑦ VL:120-277V; VH:120-347V

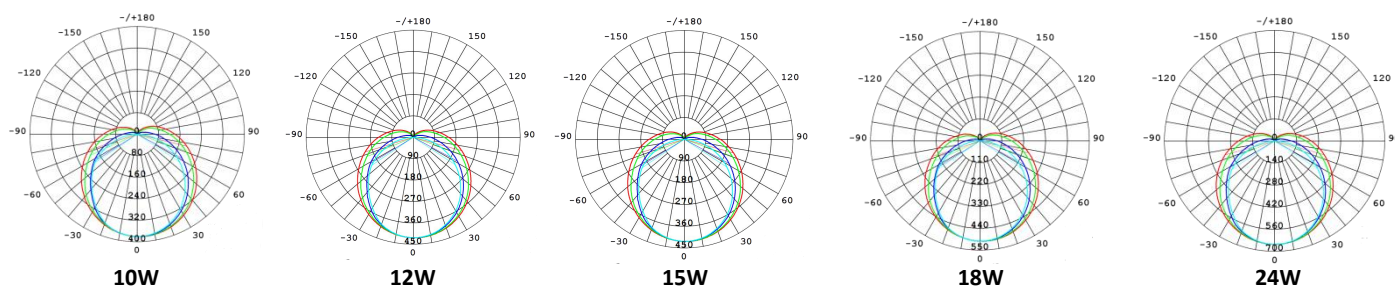
Plastic/Aluminum Material

Single- or Double-Ended Wiring | 5 CCT & 5 Wattage Tunable

SPECIFICATIONS

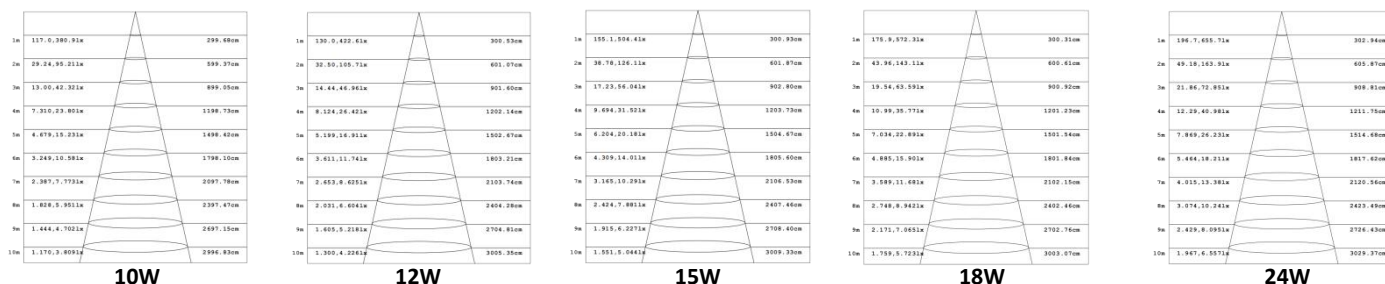
Model No.	JL-ALT8-4FTAB-M24W-CCT-VL/VH				
Wattage	10W	12W	15W	18W	24W
Efficacy	150LPW	146LPW	140LPW	135LPW	127LPW
Luminous Flux	1500lm $\pm$ 5%	1750lm $\pm$ 5%	2100lm $\pm$ 5%	2430lm $\pm$ 5%	3050lm $\pm$ 5%
Input Current	83mA	100mA	125mA	150mA	200mA
Color Temperature	3500K / 4000K / 5000K / 5700K / 6500K				
Input Voltage	AC120-277V/120-347V, 50/60Hz				
THD	$\leq 20\%$				
Flicker	Flicker				
Power Factor	≥ 0.95				
Wire Connection	Single- or Double-Ended Wiring				
Cover	Frosted				
IP Rate	IP20				
Working Temperature	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$ / $-4^{\circ}\text{F} \sim +131^{\circ}\text{F}$				
Storage Temperature	$-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ / $-40^{\circ}\text{F} \sim +140^{\circ}\text{F}$				
Lifespan	50000h				

DISTRIBUTION CURVE



Single- or Double-Ended Wiring | 5 CCT & 5 Wattage Tunable

DISTANCE CURVE

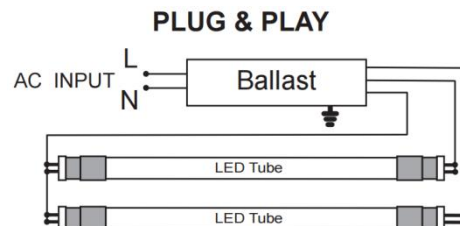


INSTALLATION INSTRUCTIONS

DIRECT REPLACEMENT (WITH EXISTING BALLAST)

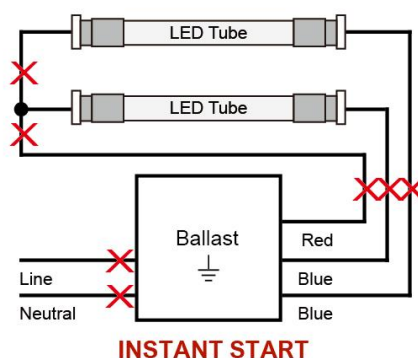
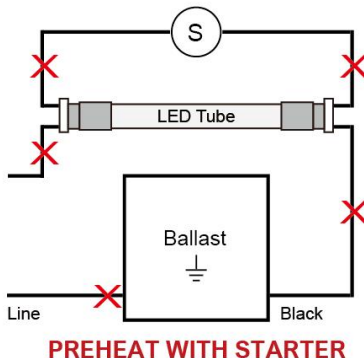
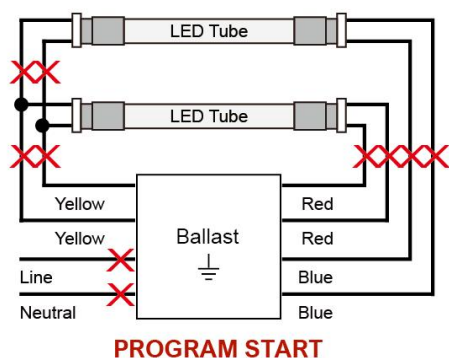
* Warning: Check Ballast Compatibility List before installation

1. Turn power off.
2. Remove lens or diffuser, if applicable.
3. Remove existing fluorescent lamp(s) from the luminaire.
4. Install the LED replacement lamp(s), one lamp for each fluorescent lamp removed*.
5. Replace lens or diffuser back in place, if applicable.
6. Turn power back on.

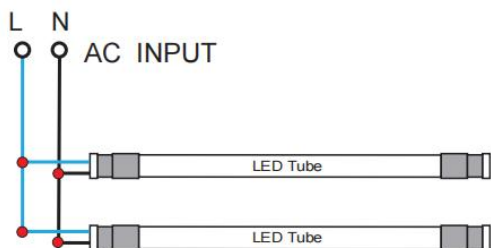


BY-PASS REPLACEMENT (WITHOUT BALLAST)

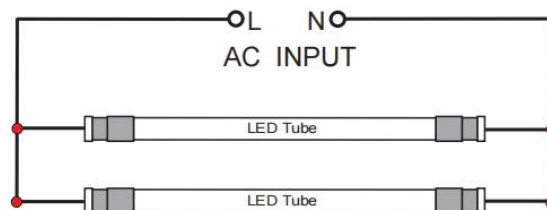
1. Disconnect power from fixture.
2. Remove fluorescent lamps.
3. Remove lens and wiring compartment, if applicable.
4. Cut all wires connected to ballast (see Figure A: Typical Ballast Configurations).



Single- or Double-Ended Wiring | 5 CCT & 5 Wattage Tunable

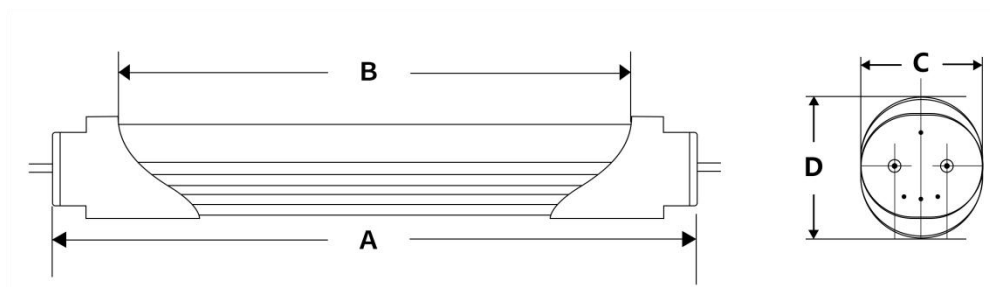


Single-ended mode



Double-ended mode

PHYSICAL CHARACTERISTICS



Lamp Dimensions

A (Body Length)	47.17"
B (Illuminated Length)	45.47"
C (Width)	1.32"
D (Height)	1.15"