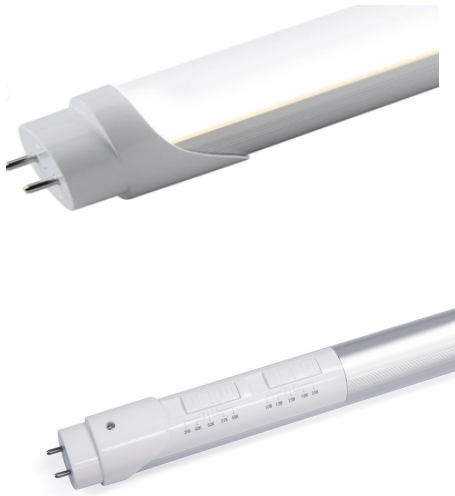




5 CCT & 5 Wattage Tunable LED tube



Date: Location:

Product: Project:

Quantity: Catalog#

FEATURES

- Plug & Play work with most instant- and programmed -start electronic T8 ballasts.
- Bypass ballast runs on 120-277V line voltage
- Single- or double-ended wiring
- 5CCT & 5 watts tunable switchable
- 50,000+ hour lifetime
- Suitable for dry and damp indoor locations
- Operating temperature -4°F to +113°F
- ETL DLC Listed

SUITABLE APPLICATIONS

- Office Lighting
- Meeting room lighting
- Store lighting
- Restaurant lighting



CONSTRUCTION:

Alluminum housing,high lumen out Led Chip

ELECTRICAL:

Available as 120-277V input. -4°F to +113°F

OPTICALSYSTEM :

High transmission PC lense,120°beam angle

INSTALLATION&MOUNTING:

Plug & Play with ballast, Single- or double ended wiring

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	TunableWattage	Voltage/Current Input		Size(G13)	Light Efficiency	Tunable CCT
		120V(A)	277V(A)			
LS-ALT8-4FTAB-ZZW-CCT	10W/12W/15W/18W/24W	0.10-0.15	0.04-0.06	4' LED T8 Tubes	130-140LM/W	35/40/50/57/65K

5 CCT & 5 Wattage Tunable LED tube



Electric Characteristic

PRODUCT ORDERING GUIDE

LS-ALT8-XFTAB-ZZW-CCT

1 2 3 4 5 6

LS ALT8 XF TAB ZZW CCT

- ☒ LS Factory code
- ☒ ALT8 Plastic / Aluminum T8 tubes
- ☒ XF Nominal Length ☒ TAB TYPE A + B
- ☒ ZZW Wattage ☒ CCT Color Temperature

OPTIONAL EM TUBES



CCT & Power Tunable

10W 12W 15W 18W 24W



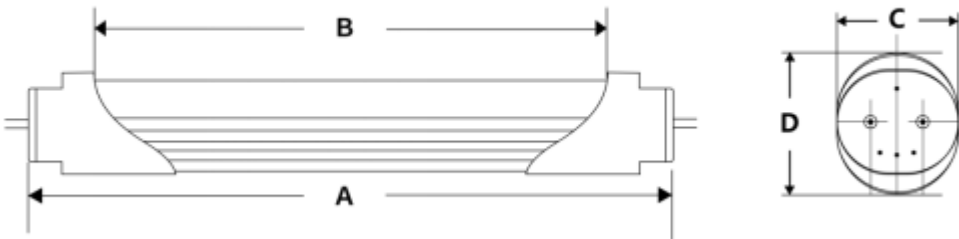
3500K 4000K 5000K 5700K 6500K



Electric Characteristic

Specification/Model	LS-ALT8-4FTAB-ZZW-CCT				
LED Driver	UL Driver				
Input power	10W	12W	15W	18W	24W
Lumens output	1400LM	1680LM	2100LM	2430LM	3240LM
Efficiency	140LM/W	140LM/W	140LM/W	135LM/W	135LM/W
CRI	>80	>80	>80	>80	>80
Color Temperature	35/40/50/57/65K	35/40/50/57/65K	35/40/50/57/65K	35/40/50/57/65K	35/40/50/57/65K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	120D	120D	120D	120D	120D
Working temperature	-4°F to +113°F	-4°F to +113°F	-4°F to +113°F	-4°F to +113°F	-4°F to +113°F
Junction temperature	<75°C	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%	≥90%
Certificate	ETL cETL DLC	ETL cETL DLC	ETL cETL DLC	ETL cETL DLC	ETL cETL DLC
Equivalent	24-60W MH/HPS	30-70W MH/HPS	30-80W MH/HPS	40-100W MH/HPS	50-120W MH/HPS

DIMENSION



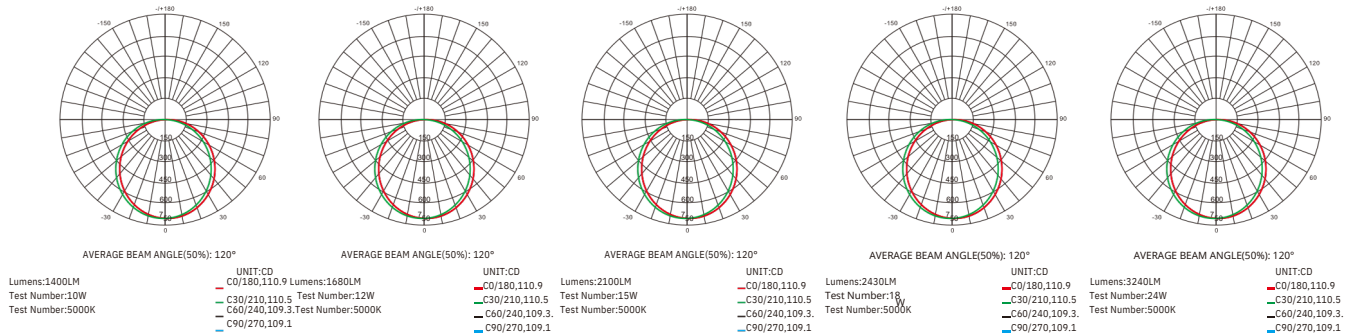
A (Body Length)	47.17'
B (Illuminated Length)	45.47'
C (Width)	'
D (Height)	1.32''

1.15''

5 CCT & 5 Wattage Tunable LED tube

DISTRIBUTION DIAGRAM

LS-ALT8-4FTAB-ZZW-CCT



INSTALLATION INSTRUCTIONS

DIRCT REPLACEMENT (WITH EXISTING BALLAST)

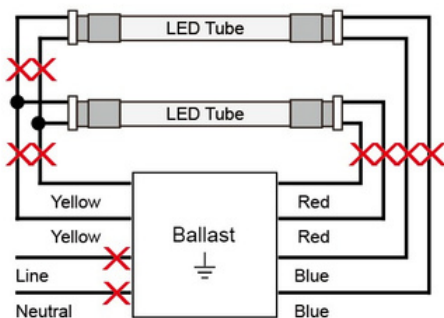
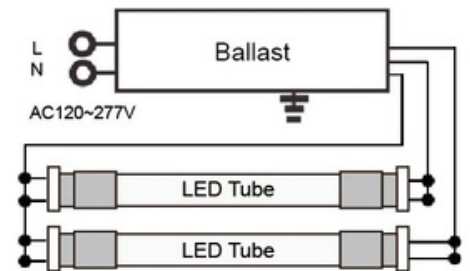
* Warning: Check Ballast Compatibility List before installation

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*

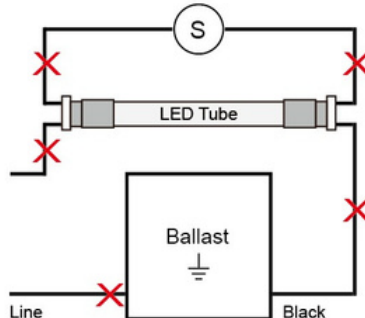
By Pass REPLACEMENT (WITHOUT BALLAST)

1. Disconnect power from fixture.
2. Remove fluorescent lamps.
3. Remove lens and wiring compartment, if applicable.

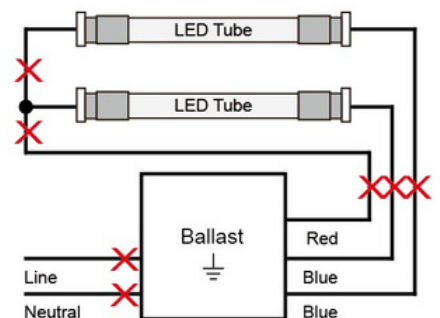
PLUG & PLAY



PROGRAM START



PREHEAT WITH STARTER



INSTANT START

4. Cut all wires connected to ballast (see Figure A: Typical Ballast Configurations).

