

Hybrid Compatible

Type A & Type B

140LM/W Efficiency



E490085



E490226



Hybrid-Compatible With or Without Ballast

- UL Type A + Type B listed. This T8 LED directly replaces traditional fluorescent lamps without making any changes to the fixture or wiring. It will also work without any ballast using direct Line power to single end (ballast bypass).

Good Retrofit Choice

- 120° wide beam angle and 140lm/w high efficacy make it an ideal retrofit option for users.

Oval Design

- Oval tube made of half aluminum and half plastic, good heat dissipation.

Warranty: 5 years

Rated Life: 50,000Hrs

Applications



School



Office



Hospital



Supermarket



Retail



Factory



G13 end cap



FA8 end cap

Direct Fit 3 T8 LED Tube

1. Product Dimension



| Product Length | Total Length(mm) | Cap-Base |
|----------------|------------------|----------|
| 2FT | 587+/-1 | G13 |
| 3FT | 894+/-1 | G13 |
| 4FT | 1197+/-1 | G13 |
| 8FT | 2368+/-1 | FA8 |

2. Environment & Electrical characteristics

- **Humidity**

Operating 10%-80%

Storage 10%-80%

- **Temperature**

Operating -20~+40 °C

Storage -40~+60 °C

Input voltage: AC100-277V, 50Hz/60Hz

PF :> 0.9, THD<20% (With EB)

Power efficiency: 90%

Direct Fit 3 T8 LED Tube - Premium efficiency

| Item | Wattage | LED Q'TY | CCT | Luminous Flux | Efficacy | Beam Angle | Cover | Certificate |
|-------------------------|---------|--------------------|------------|---------------|----------|------------|-------|-------------|
| ASE-T8-2FT-08W-CL-XXXX | 8W | 63pcs 2835LEDs | 3000K | 1040LM±10% | 130LM/W | 120° | Clear | UL,DLC |
| | | | 4000/5000K | 1120LM±10% | 140LM/W | | | |
| ASE-T8-3FT--10W-CL-XXXX | 10W | 154pcs 2835LEDs | 3000K | 1400LM±10% | 140LM/W | 120° | Clear | UL |
| | | | 4000/5000K | 1450LM±10% | 145LM/W | | | |
| ASE-T8-4FT--12W-CL-XXXX | 12W | 184pcs 2835LEDs | 3000K | 1680LM±10% | 140LM/W | 120° | Clear | UL,DLC |
| | | | 4000/5000K | 1740LM±10% | 145LM/W | | | |
| ASE-T8-4FT--15W-CL-XXXX | 15W | 184pcs 2835LEDs | 3000K | 2100LM±10% | 140LM/W | 120° | Clear | UL,DLC |
| | | | 4000/5000K | 2175LM±10% | 145LM/W | | | |
| ASE-T8-4FT--18W-CL-XXXX | 18W | 184pcs 2835LEDs | 3000K | 2430LM±10% | 135LM/W | 120° | Clear | UL,DLC |
| | | | 4000/5000K | 2520LM±10% | 140LM/W | | | |
| ASE-T8-8FT--29W-CL-XXXX | 29W | 322pcs 2835LEDs | 3000K | 3915LM±10% | 135LM/W | 120° | Clear | UL |
| | | | 4000/5000K | 4060LM±10% | 140LM/W | | | |

*XXXX---color temperature, like 4000K.

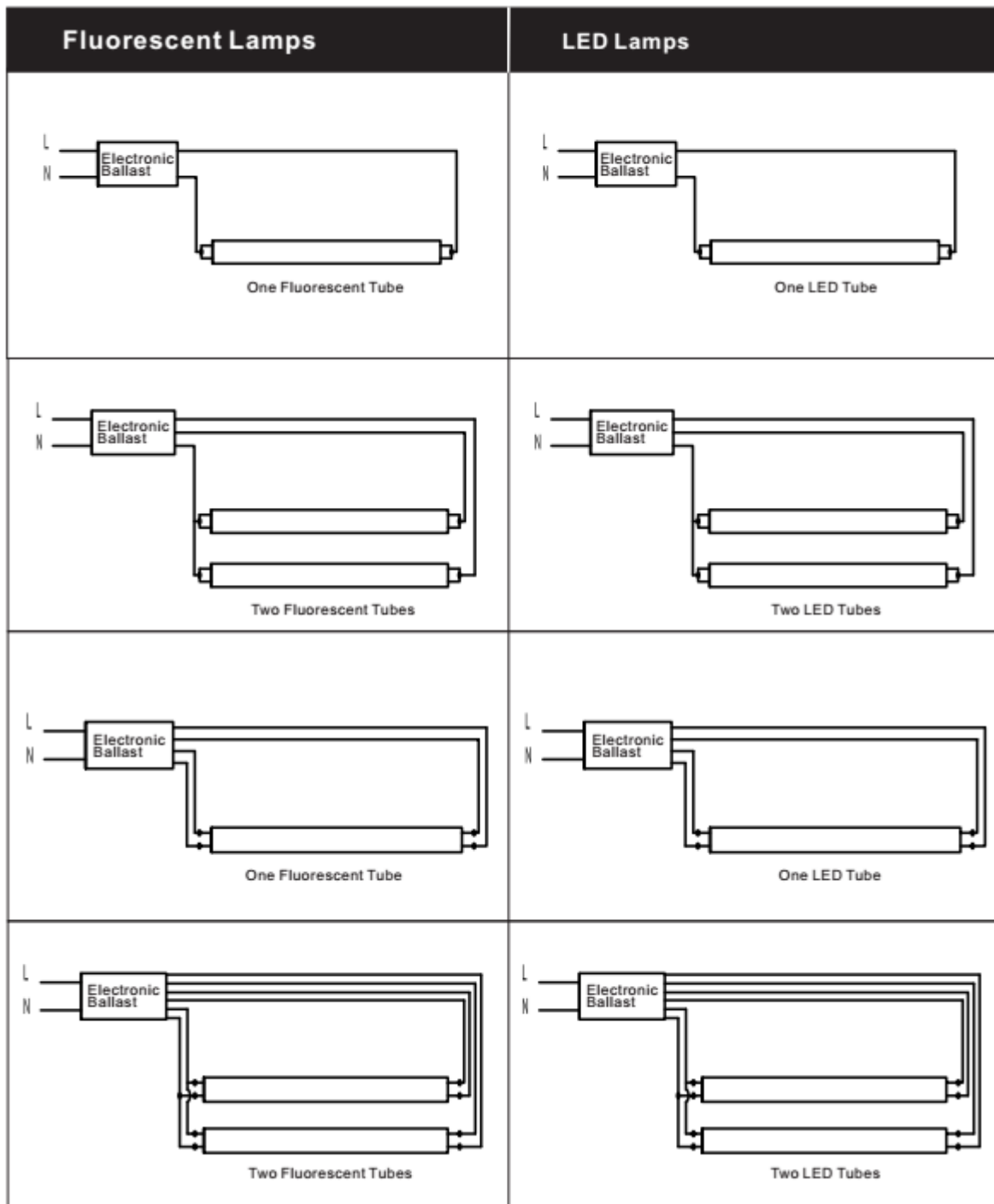
3. Installation Guide (Type A + Type B)

Direct Fit 3 T8 LED Tube

Type A-Installation Steps



Type A-Principle of Wire Circle

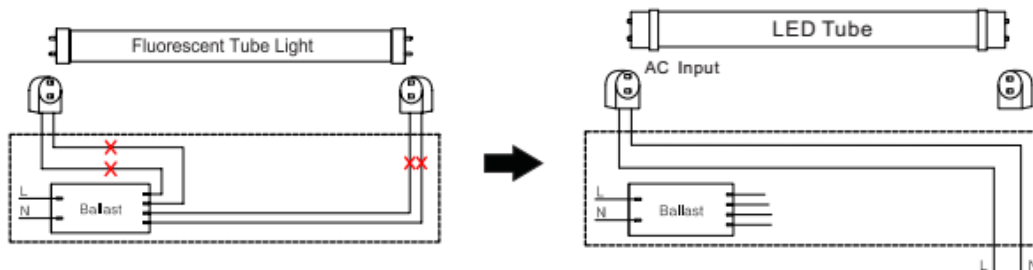


Type B-Installation Guide

Input Voltage: AC100-277V 50/60Hz



⚠️ Switch off power supply BEFORE COMMENCING WORK



Remove diffuser (if applicable) and fluorescent lamp. Cut off all wires connected to the ballast.

Install LED tube, connecting the side with "AC Input" label into the holder with L, N wires. Pay attention to the direction.

More information about product's installation, please contact our service person for INSTALLATION & SPECIFICATION GUIDE.

4. Package

- Paper tubes packing

| Item | Carton Dimension | Weight/LED tube | Q'ty |
|------|------------------|-----------------|-------|
| 2FT | 655*195*195mm | 0.16kg | 25pcs |
| 4FT | 1260*195*195mm | 0.30kg | 25pcs |
| 8FT | 2500*195*160mm | 0.60kg | 20pcs |

Tested Electronic Ballast brands & models

| Brands | Model | Brands | Model |
|----------------|---------------------|--------|------------------|
| OSRAM SYLVANIA | QTP1X32T8/UNVISN-SC | GE | GE232MVPSN-V03 |
| OSRAM SYLVANIA | QTP3X32T8/UNVISN-SC | GE | GE132MAX-L/ULTRA |
| OSRAM SYLVANIA | QHE2X32T8/UNVISN-SC | GE | GE232MAX-L/ULTRA |
| OSRAM SYLVANIA | QHE4X32T8/UNVISN-SC | GE | GE232MAX-N/ULTRA |
| PHILIPS | IOPA-2P32-LW-N | GE | GE432MV-L |
| PHILIPS | IOPA-4P32-LW-N | | |