

# SupValue DC24V Tube Installation Guide



READ THE INSTALLATION GUIDE CAREFULLY BEFORE INSTALLATION.

## WARNING:

- RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION OF LED RETROFIT KIT REQUIRES KNOWLEDGE OF LUMINAIRES ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION, CONTACT A QUALIFIED ELECTRICIAN.
- THE POWER SUPPLY MUST BE TURNED OFF BEFORE INSTALLATION.
- THIS LAMP IS NOT SUITABLE FOR USE IN EMERGENCY LUMINAIRES DESIGNED FOR DOUBLE CAPPED FLUORESCENT LAMP(S).
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- THIS LAMP IS DESIGNED TO FIT STANDARD IEC COMPLIANT G13 BI-PIN LAMP HOLDERS.
- THIS 24VDC INPUT LED LAMP IS PROTECTED ACCORDING TO IP20. APPLICATIONS WITH EXTERNAL RISK OF MOISTURE AND DUST CAN BE SERVED WITH AN ADEQUATELY PROTECTED LUMINAIRE WITHIN AMBIENT OPERATING TOLERANCES OF LAMP.
- LAMP TO BE USED IN DRY CONDITIONS OR IN A LUMINAIRE THAT PROVIDES PROTECTION.
- THIS LAMP IS NOT SUITABLE TO BE USED IN EMERGENCY LUMINAIRES DESIGNED FOR DOUBLE CAPPED FLUORESCENT LAMP(S).

## PRODUCT SPECIFICATIONS

Part NO.	Model NO.	CCT	Wattage	Volt	Rated current	24VDC Config	Base		Dimension(mm)				Average Rated Life	Finishes	Warranty (years)	IP rating
							Type	Rotary	D	A	B	C				
842403	YKT8C4D-18W	4000K	18W	24VDC	750mA	DC same ends	G13	yes(±60°)	28.6±0.2	Max 1199.4	1205.3±1.2	Max 1213.6	50000hrs	frosted	5	IP20
842404	YKT8C4D-22W	4000K	22W	24VDC	920mA	DC same ends	G13	yes(±60°)	28.6±0.2	Max 1500	1505.9±1.2	Max 1514.2	50000hrs	frosted	5	IP20
842105	YKT8C4D-MT-14W RED+White	Red+ 4000K	14W	24VDC	580mA	DC same ends	G13	yes(±60°)	28.6±0.2	Max 1199.4	1205.3±1.2	Max 1213.6	50000hrs	frosted	5	IP20

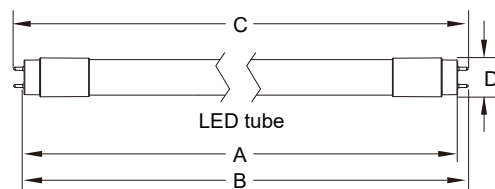
The operating temperature range of this LED tube is between -20 ~ 45°C.

\* The LED tubes are for use with 24VDC supply only. Wiring of dc opposite ends and DC same ends are shown below

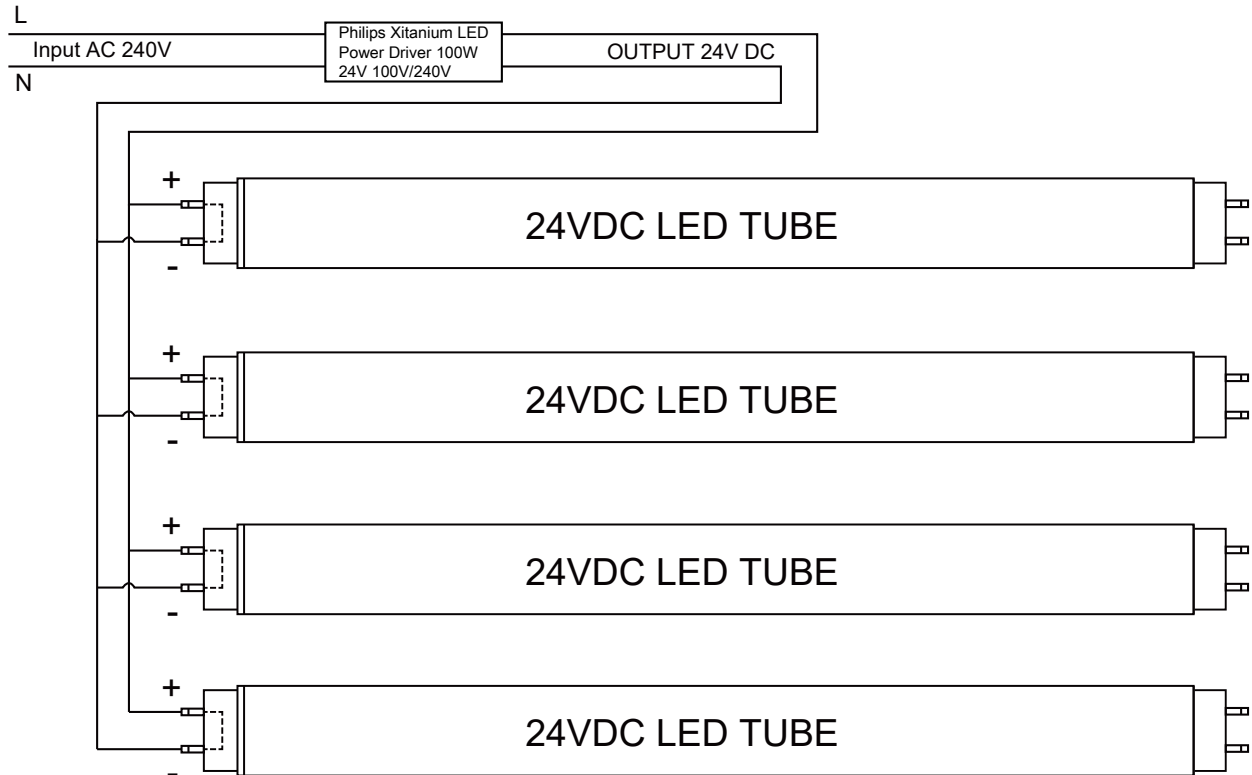
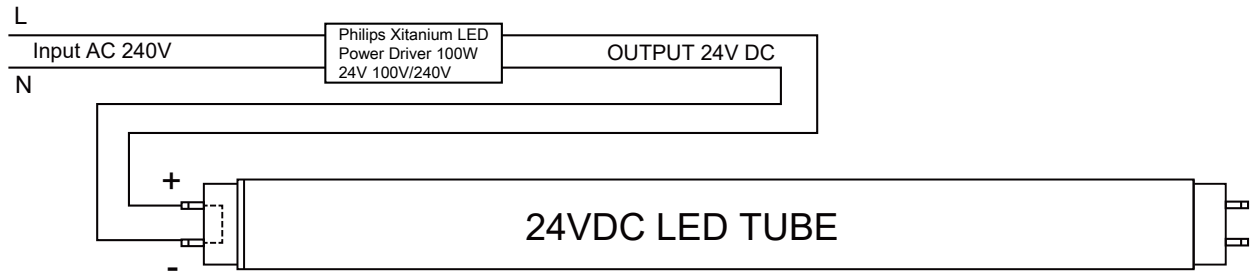
\*\* Actual dimensions (compliant with IEC 60081)

\*\*\* Nominal dimensions in IEC 60081

Packing list:  
1. LED T8 tube  
2. Warning sticker  
3. Installation guide



# 1. Wiring of DC Same ends



## WARNING:

- The luminaire has been modified and can not be operated with conventional fluorescent lamp any longer. Only the same type of LED tube can be replaced.
- The manufacturer of the original luminaire will no longer be responsible for the compliance of the modified product. Any modifications made to the original luminaire may alter the safety aspects of the original luminaire; hence compliance assessments of the original luminaire may no longer be applicable to the modified luminaire.
- The supplied warning sticker must be placed on the luminaire and must be visible during lamp replacement.
- The rating of the lamp must not exceed the maximum wattage of the lamp that it is intended to replace or the total wattage of the replacement lamps must not exceed the maximum wattage of the luminaire.