

## Titan X

Product Codes: **TITANX/4/KIT/EMST**

### Safety Warning



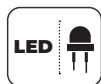
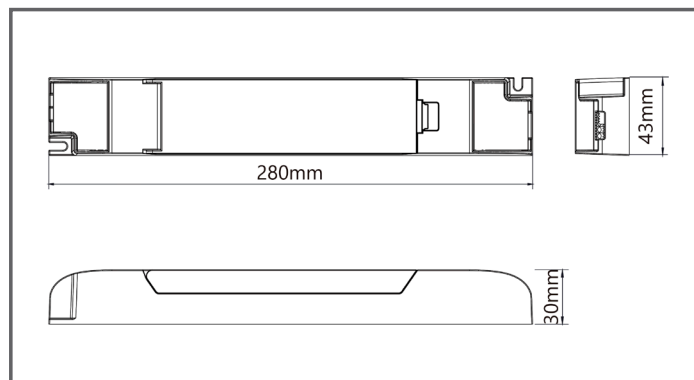
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.



### Specification

**Box Contents -**  
Titan X Remote EM Conversion Kit 3Hr 4W DC10-60V MT/ST

<b>Dimensions:</b>	L: 280 x W: 30 x D: 43 mm
<b>Material:</b>	Polycarbonate
<b>Working Temperature:</b>	0°C to 50°C



### Self-test

The emergency kits carry out self-tests automatically to ensure their functionality. The self-test includes three types of tests:

#### Initial test

As soon as mains supply is connected, the emergency kit will carry out a 3-second functional test automatically. In case of a failure, the LED will turn permanent red. Otherwise, the charge mode will start.

#### Functional test

Refers to charging, discharging and the functioning of the load. Carried out for 10 seconds automatically every 30 calendar days.

#### Duration test

Refers to testing the battery capacity. Carried out every 180 calendar days.

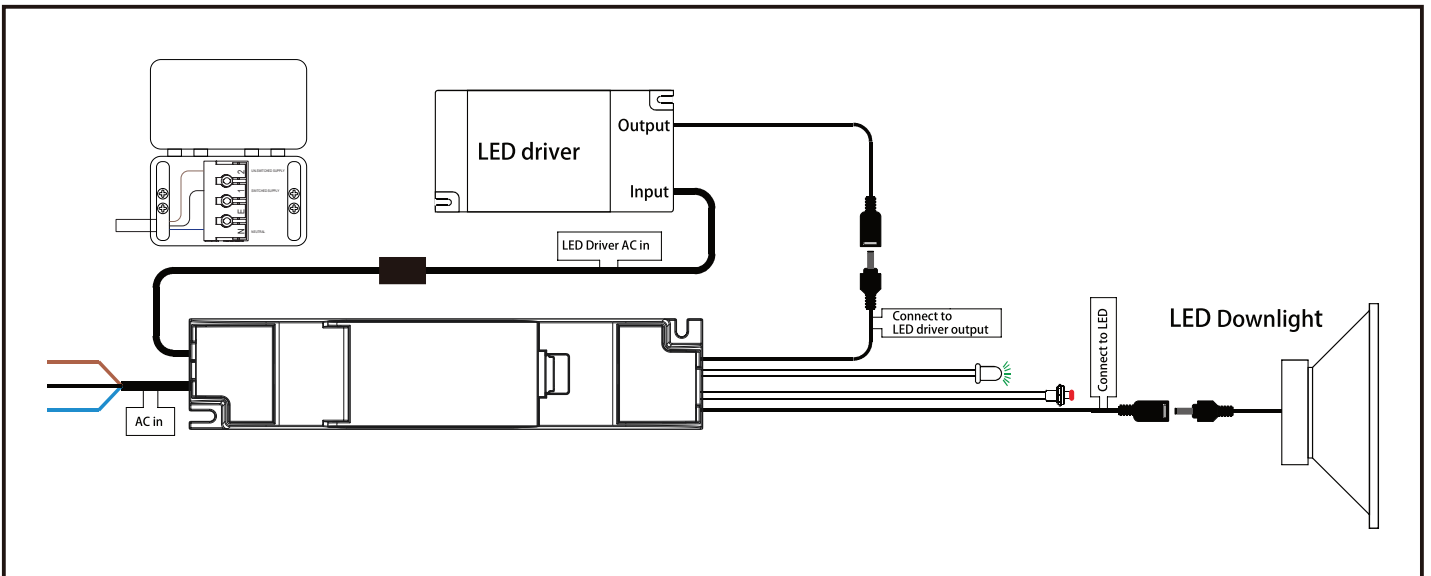
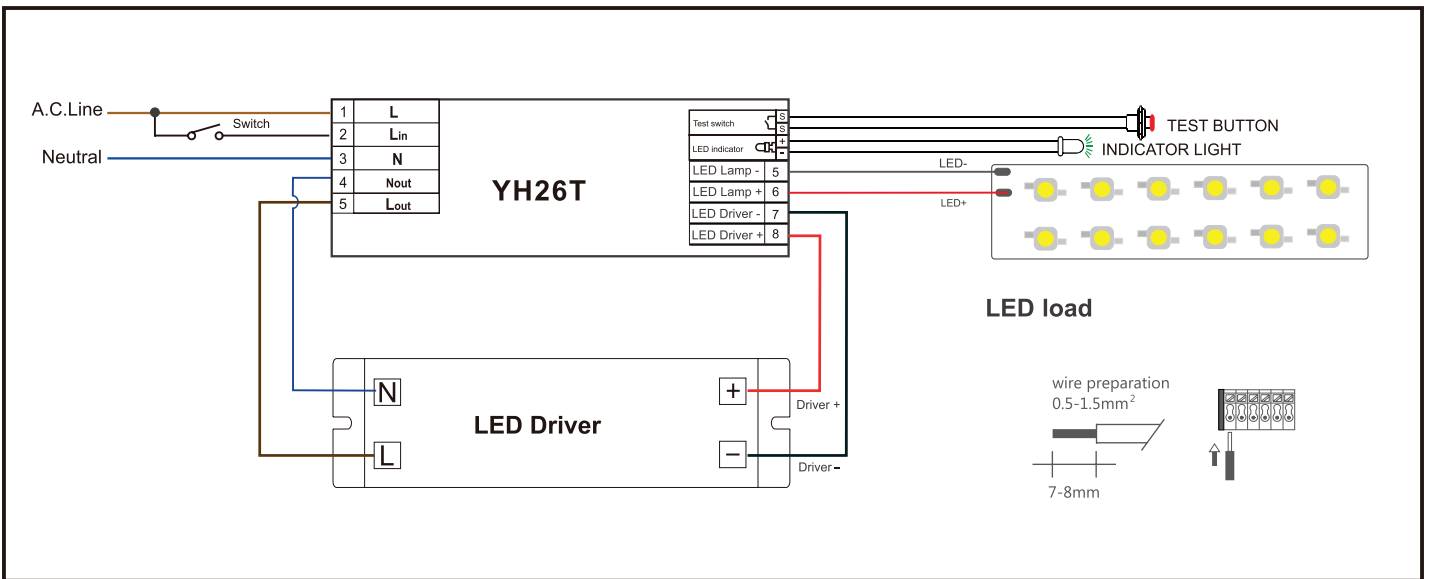
#### Rest mode

Rest mode can be initiated during emergency mode by pressing the test switch for longer than 3 seconds. The rest mode will exit automatically after AC mains is reconnected.

#### Please note

If the mains supply is off during the self-test period, the emergency conversion module will terminate the self-test immediately and go into emergency mode. Self-test is under the regulation of EN 62034.

<b>Rated input voltage</b>	220–240VAC, 50/60Hz
<b>Input current</b>	<50mA
<b>Input power</b>	5W max
<b>Power factor</b>	>0.5
<b>Terminal L-in / L-out (LED driver input constant)</b>	AC 2A max
<b>Output voltage range</b>	DC 20–55V, Uout <60V, SELV
<b>Max output current</b>	130mA
<b>Output power (constant)</b>	5W max
<b>Battery cells voltage/capacity</b>	LiFePO4 6.4V, 3000mAh, 19.2Wh
<b>Recharge current</b>	300mA
<b>Recharge time</b>	24 hours
<b>Discharge time</b>	180 minutes
<b>Max casing temperature (tc)</b>	70°C



### Test switch

The test button is an open switch. When pressed, it makes a connection; when released, it cuts off automatically. During daily maintenance, pressing the test button will place the emergency driver into emergency mode. Once the button is released, the emergency driver returns to normal mode.

TITANX 4 KIT EMST Instructions V1