

### 28W/26W/21W/9W LED TUBE

Please read instructions before commencing installation and retain for future reference.

#### Specification:

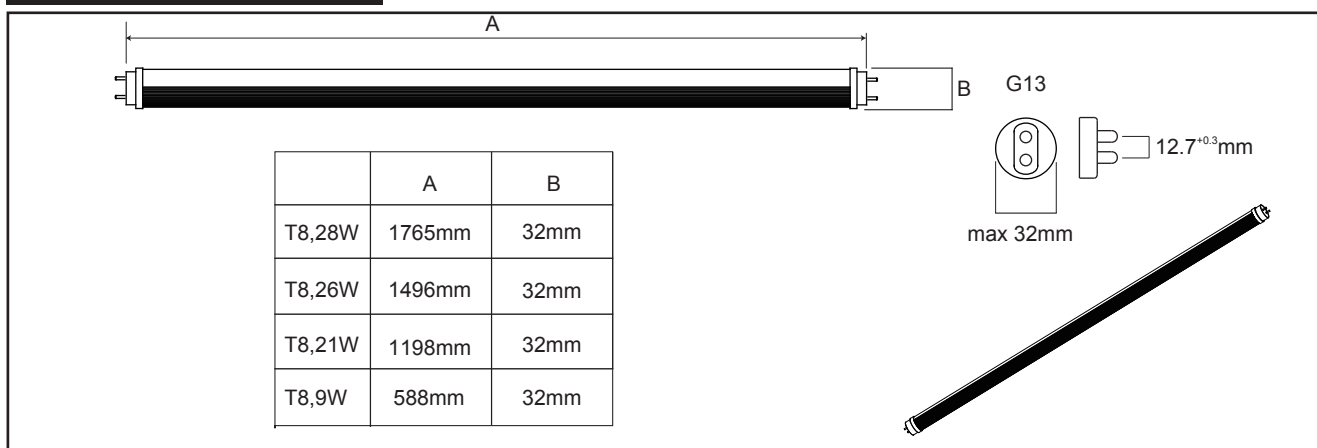
Codes: R28T8LED180 ,R26T8LED150,R21T8LED120,R9T8LED60  
Supply: 220~240V 50Hz  
Dimensions: Ø32mmX1.8m , Ø32mmX1.5m,  
Ø32mmX1.2m , Ø32mmX0.6m  
Weight: 0.545kg(28W) ,0.485kg(26W) ,0.425kg(21W) ,0.235kg(9W)  
Cap Type: G13  
Beam angle: 120°  
Color Temperature: Cool white/4000K  
Temperature range: -5°C < ta < 40°C  
Average Lifetime: 50,000 Hrs  
Complies with EN60598-1 ; EN61000-3-2;EN61000-3-3;EN55015;  
EN61347-1;EN61347-2-13;EN61547.  
Warning! Lamp is non dimmable.  
Please remove the starter before mounting the LED lamp , making reference to the installation diagrams.

#### Installation:

! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

- 1 Ensure mains supply is switched off before commencing work.
- 2 Safety note! The power supply cord must not be exposed to mechanical damage.
- 3 Remove starter for single lamp fittings and replace with fused starter,ensure lamp holders are 240V rated,refer to the installation diagrams.
- 4 For multiple lamp operation remove wire wound ballast or HF ballast and connect 240V supply (With reference to the installation diagrams).
- 5 Use only with a mains supply that is protected by a Miniature Circuit Breaker (M.C.B.)

#### Feature:



#### Information for the Product user

1. Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheelie bin symbol).
2. Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.
3. This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain.
4. The "crossed out wheelie bin symbol" on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations.

#### The Installation must be carried out by an electrician

##### LED Group

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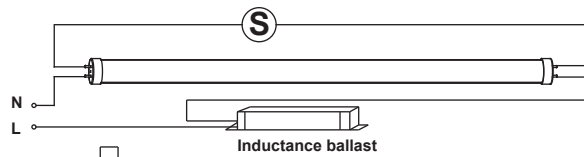


## Installation diagram:

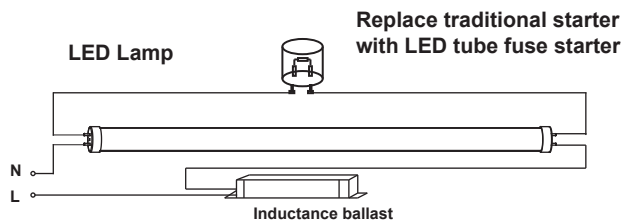
### Inductance ballast

#### Method 1

##### Traditional fluorescent ballast connection

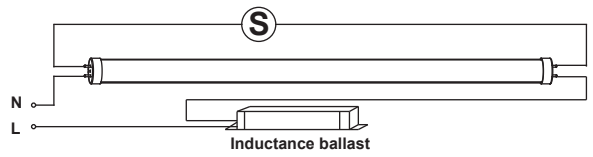


Please remove the starter and the fluorescent lamp and replace with LED lamp



#### Method 2

##### Traditional fluorescent ballast connection



Please remove the starter, the inductance ballast and fluorescent lamp and replace with LED lamp

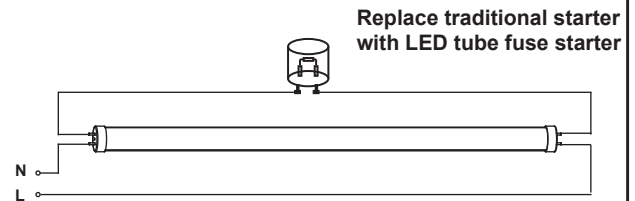
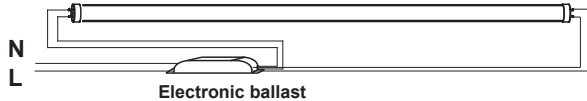


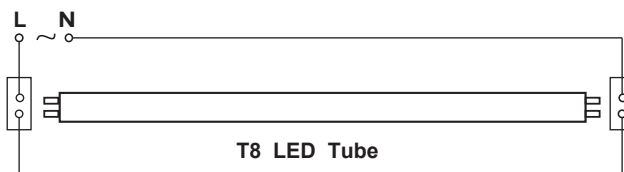
Figure 1

### Electronic ballast

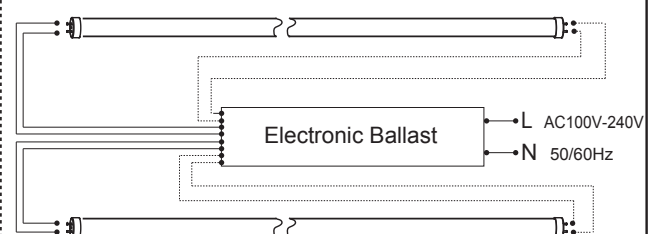
#### Replacement method for electronic ballast single tube:



Please remove the electronic ballast and fluorescent lamp and replace with LED lamp.



#### Replacement method for electronic ballast twin tubes:



Remove Electronic Ballast

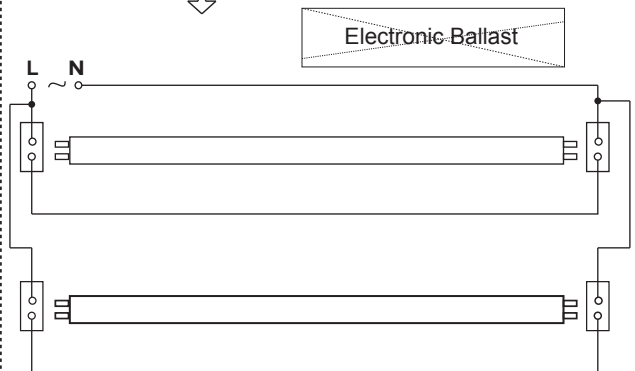


Figure 2

**The Installation must be carried out by an electrician**

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