

# PREMIER

RANGE

homelec

## INSTRUCTION MANUAL

### CATALOGUE NUMBERS : DT TLK4C

Thank you for your purchase of Premier Lights. The Premier garden lighting range offers the ideal lighting effect to any garden and features weatherproof transformers that can be positioned outside safely. The transformer is equipped with a photoelectric cell which switches the lights on at dusk and off at dawn. Keep a copy of these instructions for future reference.

***Please read these instructions fully before commencing the installation:***

#### SAFETY INSTRUCTIONS

- These lights are only to be connected to a 12V low voltage lighting system.
- Only use either lights provided with this kit or compatible lights from the Homelec range.
- Only use the transformer supplied or a transformer from the Homelec Premier garden lighting range.
- Disconnect the power before changing a lamp and ensure the lamp is cool before handling.
- Ensure the cable is routed so as not to be a trip hazard.
- Ensure that the wattage of all the lights combined does not exceed the rating of the transformer.
- The transformer must be plugged in indoors.

- Only adjust the cable and lights when the power is switched off.
- If in doubt, consult a qualified electrician.



## Kit Contents :

### AMLS-30

- 4 Tier Lights
- 4 Threaded Cap
- 4 Inserts
- 4 Ground Spikes
- 5 12W 12V Lamps
- 1 96W Transformer
- 15m approx. Cable

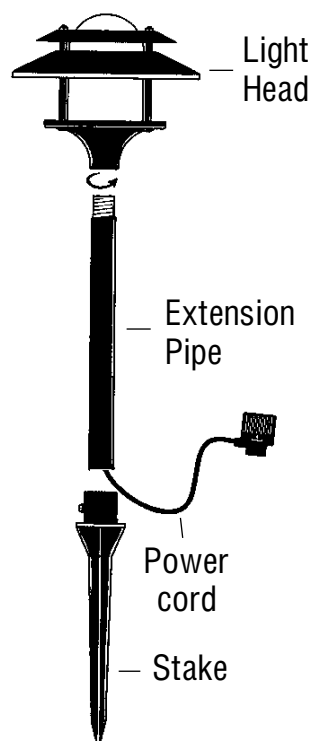
## Installation

1. Locate the transformer in a suitable position, considering that the transformer has to be plugged in indoors.
2. Unwind and lay out the cable to its full length along the line where the tier lights will be positioned, starting at the position where the transformer is to be located.

## Assembly of Lights :

1. Screw the post on to the head, ensuring the post is fully tightened.
2. Attach the ground spike, ensuring the cable is positioned in the slot.
3. Repeat for the remaining lights.

4. At the point where you want to locate the Tier lights, attach the Tier light power connector by the following method. Place the plastic insert in the wiring channel, aligning the holes with the terminal spikes. Lay the cable in the plastic insert so that the terminal spikes align with the centre of each core of the cable. Whilst holding the cable in place, screw on the threaded cap. The cap will force



the terminal spikes to pierce the cable, holding it in place.

5. Repeat for the remaining Tier lights.

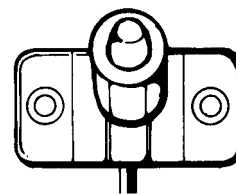
***Ensure you have followed all of the steps above and the Tier lights are fully assembled and connected to the low voltage cable before connecting the low voltage cable to the transformer.***

## Transformer Installation :

1. The recommended transformer mounting location is a minimum of 30cm above the ground and located where its power cord is within reach of a standard 230V power socket outlet located indoors, or a suitable weatherproof socket if used outdoors.

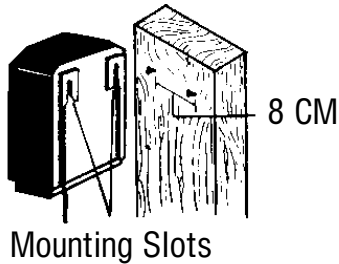
The transformer is equipped with a photo-cell which will automatically turn the lights on at dusk and off at dawn. To accurately do this, the photo-cell must be mounted (using the screws provided) in an area where it will be exposed to the natural light of the rising and setting sun. Avoid heavily shaded areas or areas where artificial light may shine onto the photo-cell. Light from automobiles, streetlights, porch light, etc. may cause your lights to turn off prematurely.

Note : the photo-cell may be mounted horizontally or vertically. If you chose to mount the transformer indoors, the photo-cell must be placed in a window.



2. You may hang the transformer indoors or outdoors on a wall, fence, post etc. by using

the screws provided. The screw locations are to be positioned so they will slide onto the slots on the rear of the transformer.



There are not user serviceable parts within the transformer.

### Wiring Instructions:

1. Strip away 15mm of insulation off of both wires at one end only of the low voltage lighting cable.
2. Remove the terminal cover at the bottom of the transformer. Loosen the two terminals and wrap one of the stripped wires around each terminal screw. Tighten the screw ensuring that all strands of the wire are captured under the

terminal screw heads. Replace the terminal cover.

***Do not loop the low voltage lighting cable back to the transformer.***

The transformer may now be plugged into an appropriate socket. Please note the lights will not come on until dusk. If you require the lights not to be operated by the photo-cell on the transformer, it may be wrapped in insulation tape to shut out the lights from the sensor.

### Lamp Replacement

1. Switch off the power supply to the transformer and ensure the lamp is cool before handling.
2. Remove the three screws in the underside of the Tier light fitting head and remove the shade rings.
3. Unscrew the glass dome and remove.
4. Replace the lamp with a lamp of the same style and rating.
5. Re-assemble in reverse order.

### Trouble Shooting :

Problem	Possible Cause	Suggested Remedy
1. Lights will not switch on at dusk.	No power.	Ensure transformer is plugged in and power is switched on.
	Low voltage cable has not been connected to the transformer.	Ensure the low voltage cable is connected to the transformer.
	Artificial light affecting the sensor e.g. street lights.	Mount the sensor where the artificial lights will not affect the sensor.
2. Only some of the lights switch on at dusk.	Terminal spikes in the light power connector have not made contact with the core of the cable.	Straighten the terminal spikes and reattach the power connector to the low voltage lighting cable.
	Lamp not correctly fitted into the lampholder.	Ensure the lamp is correctly fitted.
	The lamp has blown.	Replace the lamp.

## **Specification :**

### Transformer

Input : 230V~ 50Hz

Output : 12V~ 96W, 8A

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### Light Fittings

Lamp Voltage : 12V~

Lamp rating : 12W max.

Lamp type : Bayonet

If you chose to extend the cable, use Homelec catalogue number CBLI-10 only. The longer the cable, the dimmer the lights will be. We recommend a maximum cable length of 30m, however even at this length the lights will not be at their full brightness.

## **Transformer & Light Fitting Guarantee**

It is unlikely that this transformer and light fittings will fail in normal use due to faulty materials or workmanship within 5 years for the transformer and within 10 years for the light fittings. If it does, Homelec undertake to repair or replace it provided it has been installed, used and maintained correctly in accordance with these instructions, such that the transformer has not been subjected to repair, opened or taken apart. This guarantee does not cover lamps and the finish of any product. This does not affect your statutory rights.

This product is subject to Homelec's Standard Terms & Conditions of Sale.