

PREMIER

RANGE

homelec

INSTRUCTION MANUAL

CATALOGUE NUMBERS :
DT MFK6 and DT GFLK3

Thank you for your purchase of Premier Lights. The Premier garden lighting range offers the ideal lighting effect to any garden and feature weatherproof transformers that can be positioned outside safely. The transformer is equipped with a photo-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.

Kit Contents :

MFK6

6 Flood Lights
6 Threaded Caps
6 Inserts
6 Ground Spikes
2 Fixing Screw Packs
7 10W 12V Halogen Lamps
1 96W Transformer
15m approx. Cable



GFLK3

2 Flood Lights
1 Shrub Light
3 Threaded Caps
3 Inserts
2 Ground Spikes
1 Fixing Screw Pack
3 10W 12V Halogen Lamps
2 20W 12V Halogen Lamp
1 96W Transformer
15m approx. Cable



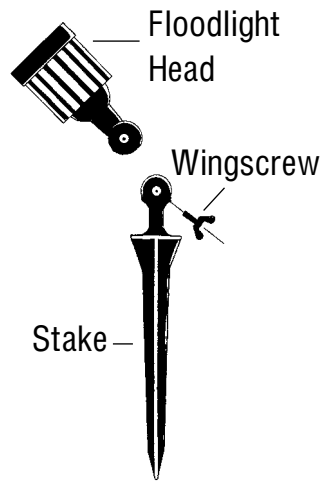
Installation :

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 lights will be positioned, starting at the position where the transformer is to be located.

Assembly of Lights – Flood Lights: (MFK6)

1. Remove the wingscrew from the cable end of the flood light head.

2. Attach the ground spike to the flood light head using the wing bolt, ensuring that the cable is not trapped and is positioned in the slot.



3. Repeat for the remaining lights.

4. At the point where you want to locate the Flood lights, attach the Flood 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 Flood lights.

Assembly of Lights – Shrub Light : (GFLK3)

1. Push the shrub light in to the ground so that it is secure. Allow sufficient space above the light for the heat from the lamp to dissipate. Ensure the cable is accessible so that it can be connected to the low voltage lighting cable.

2. At the point where you want to locate the Shrub light, attach the Shrub 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.

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

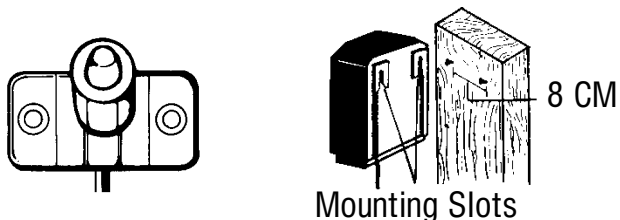
2. You may hang the transformer indoors or outdoors on a wall, fence, post etc. by using

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 any 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 terminal screws 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 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 light from the sensor.

Lamp Replacement :

1. Switch off the power supply to transformer and ensure the lamp is cool before handling.
2. For the Flood lights, remove the lens retention ring, and remove the lens.
For the shrub light, remove the fixing screws at the top of the unit and remove the cover.
3. Replace the lamp with a lamp of the same style and rating.
4. Reassemble in reverse order, ensuring the gasket is in place.

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 :

	MFK6	GFLK3
Transformer		
Input :	230V~ 50Hz	230V~ 50Hz
Output :	12V~ 96W, 8A	12V~ 96W, 8A
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Flood Light Fittings		
Lamp Voltage :	12V~	12V~
Lamp Rating :	10W max.	10W max.
Lamp Type :	halogen	halogen
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Shrub Light Fitting		
Lamp Voltage :	n/a	12V~
Lamp Rating :	n/a	20W max. MR16
Lamp Type :	n/a	halogen

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.

Light & Transformer Warranty

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.