

# TRANSFORMERS

All LTLT LED lights are driven by 12 V DC regulated current. Transformers transform 240V AC from the powerpoint to 12V DC to drive the LTLT light system. Every light system requires a 12V DC Transformer to drive the light system.

The Transformers in this catalogue are designed specifically to drive LED lights and are regulated. If an AC Transformer already exists from an old system (used to drive old halogen garden lights), then providing it is in good working order, the existing AC Transformer can still be used with the LTLT system. The installation of a Converter as an interface between the AC Transformer and the first LED light will convert the 12V AC system to 12v DC regulated.

All Transformers are supplied with a Power plug on one side, which plugs directly into a 240v power point and a Harness connection plug on the other side, to connect to the main Harness, Remote Controls, Timers and Sensors. The Control Accessories are positioned between the transformer and the first light.

Transformers are available for Indoor or Outdoors and vary in size and capacity. All outdoor Transformers are rated IP 67 (weatherproof).

To prolong the life of a Transformer we recommend running them around 80% of their capability. It is acceptable to run outdoor transformers up to 90% capacity. The recommended load for each Transformer is highlighted in the "Application" notes.



## WEATHER PROOF TRANSFORMER



NAME	CODE	DIMENSION	APPLICATION
1.25 Amp 12V DC Power Supply WP	ATF12V1.25DCWP	L 128 mm W 52 mm D 32 mm  Includes: 500 mm AC lead Harness plug	Part used to drive up to 1 Amp or 1000 mA (see light Spec Sheets for mA).  Can be situated outdoors IP 67.
2.92 Amp 12V DC Power Supply WP	ATF12V2.92DCWP	L 171 mm W 52 mm D 32 mm  Includes: 500 mm AC lead Harness plug	Part used to drive up to 2.3 Amps or 2300 mA (see light Spec Sheets for mA).  Can be situated outdoors IP 67.
5 Amp 12V DC Power Supply WP	ATF12V5DCWP	L 242 mm w 52 mm D 32 mm  Includes: 500 mm AC lead Harness plug	Part used to drive up to 4 Amps or 4000 mA (see light Spec Sheets for mA).  Can be situated outdoors IP 67.
8.3 Amp 12V DC Power Supply WP	ATF12V8.3DCWP	L 236 mm W 60 mm D 35 mm  Includes: 500 mm AC lead Harness plug	Part used to drive up to 7 Amps or 7000 mA (see light Spec Sheets for mA).  Can be situated outdoors IP 67.
12.5 Amp 12V DC Power Supply WP	ATF12V12.5DCWP	L 180 mm W 70 mm D 50 mm  Includes: 500mm AC lead Harness plug	Part used to drive up to 10 Amps or 10,000 mA (see light Spec Sheets for mA).  Can be situated outdoors IP 67.