

WIRING SYSTEM (18 GAUGE)








The 18 gauge wire is the main 'spine' of the system, and is the first wire connected after the transformer. The transformer, control system (Remote Control system, Sensors, Timers) have a Harness wire connection interface to build the light system.

Some 'harness' parts have a light connection port(s) moulded on the wire. These are connection points for LTLT LED lights. It is important to factor the length of wire of the light fitting in the design measurements. All LTLT outdoor lights are supplied with a 900mm lead with plug.

All connection ports come with a screw on cap. If the connection is not used for a light fitting the cap should remain on all ports for protection.



MAIN HARNESS (18 GAUGE)

	NAME	CODE	DIMENSION	APPLICATION
	Harness 1	AWH1	1500 mm	Part of the main harness line. Enables 1 direct light connection, or light splitter to add 2 or more lights.
	Harness 4	AWH4	6110 mm	Part of the main harness line. Enables 4 direct light connections, or light splitter to add 4 or more lights.
	Harness Extend 5	AWHE5	5000 mm	Part of the main harness line. Enables harness to be extended 5000mm where light connection points are not required.
	Harness Extend 10	AWHE10	10000 mm	Part of the main harness line. Enables harness to be extended 10000mm where light connection points are not required.
	Harness Splitter 2	AWHS2	300 mm	Part of the main harness. Enables harness to be split to 2 directions.
	Harness Female Connector	AWHF	300 mm	Connector with IP68 capability used to connect with Harness wire to make customised lengths of harness.
	Harness Male Connector	AWHM	300 mm	Connector with IP68 capability used to connect with Harness wire to make customised lengths of harness.