

## 4-Channel Lighting Controller with RGB/W



### Features

- IP66 tough ABS enclosure
- Compatible with all lighting types
- Fully dimmable outputs rated 500W per channel
- Smooth on/off
- Colour control for RGB and RGB/W (via DMX)
- Earth bonding metal chassis
- Operates wirelessly requires only a mains supply
- Rugged, separately fused outputs
- Fast. *Lid-On* programming

Part No. LS30540RGBW

## Description

The Lighting Controller provides 4 wirelessly controllable channels each rated at 500W and suitable for all load types, including LEDs. It provides flexible control of dimmable and non-dimmable lighting (or pumps) and is quickly configurable as a simple switch, group (zone) or scene controller, with 29 memories and a master on/off.

Each channel can be used as *either* a switched or dimmable (230V) output or a RGB/W colour controller, via DMX. The dimming mode provides a soft-on, soft-off feature with filament pre-heating, which can greatly increase lamp life.

The separately fused outputs are fully protected against over current and over temperature. Large 10mm<sup>2</sup> input cable terminations, standard (20mm) gland cut-outs and an earth bonded gland-chassis simplify installation.

Lid-on programming speeds commissioning and reduces the risk of water ingress during installation.

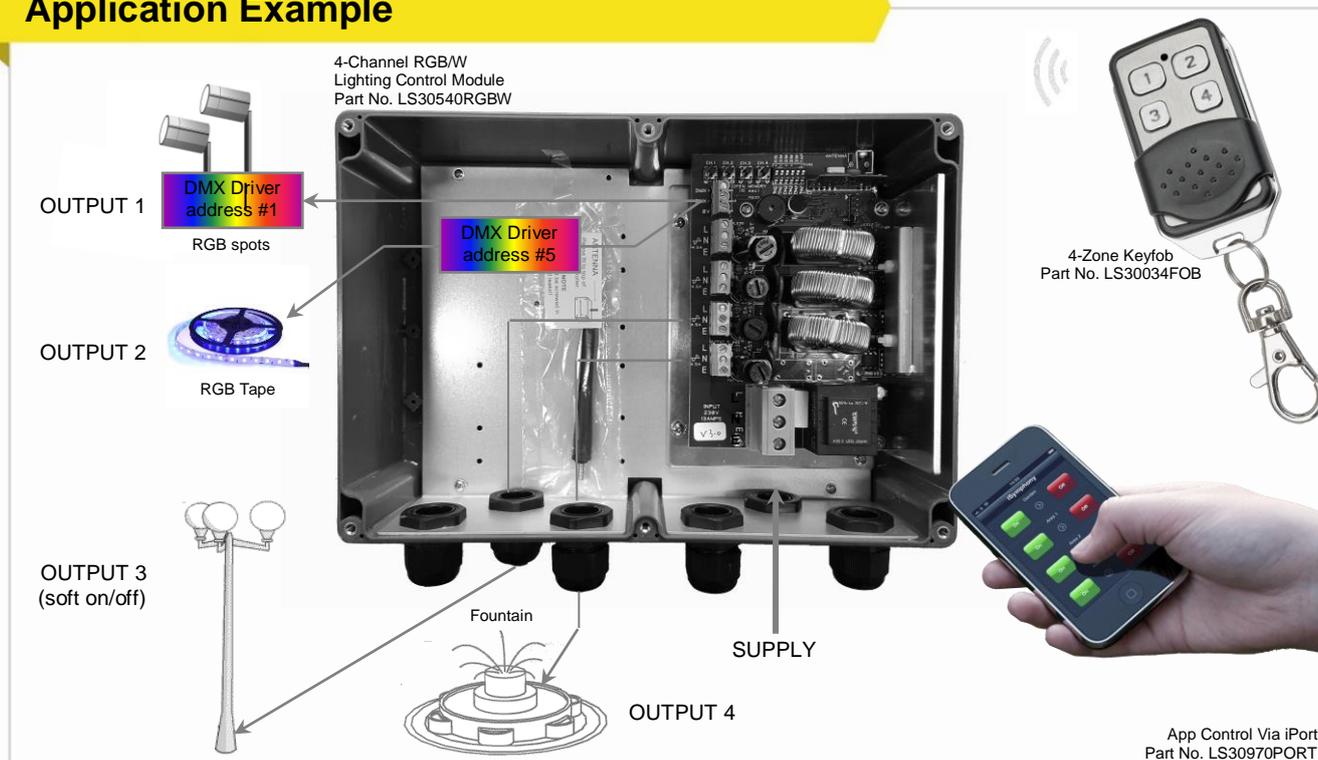
## Specification

Range	-	1000 metre wireless range line-of-site
Enclosure	-	IP66, UV stable, ABS with non-penetrating mounts translucent lid & neoprene o-ring. Colour RAL7011
RF	-	434.075MHz Narrow Band FM
Coding	-	Security channels 1–32
Power	-	Supply: 230VAC +/-10% 50Hz Standby <1W
Light Outputs	-	4x Switch or Dim LED rated 500W (Triac/Leading-edge)
RGB/W	-	4x RGB or RGBW via DMX bus
Size	-	290 x 290 x 100mm
CE	-	EN 50081 – 1, To EN 50082 – 1

Output	Rating	Option
1	500W	Switch or Dim
2	500W	Switch or Dim
3	500W	Switch or Dim
4	500W	Switch or Dim

Colour control is provided on all 4 channels for RGB or RGBW LEDs, selectable via a global jumper. DMX driver set to address 1, 5, 9 or 13 for channels 1-4 respectively.

## Application Example



## How to use it

The controller 'hears' wireless commands from any of Light Symphony's 1000metre range transmitters, such as the iSymphony app. The Garden On/Off button will switch all outputs together, providing a convenient master control. Outputs can also be separately assigned to 'Areas' (1-29), to provide individual or zoned control.

Internal switches enable dimming with the soft-on / soft-off feature, or colour-blending where RGB/W is used. RGB/W LEDs are connected to the DMX output via a suitable driver. Drivers should be set to DMX address 1, 5, 9 or 13 to select outputs 1-4 respectively. Outputs can be used in any combination, either for mains (230V) or for RGB/W, or any mix of the two.

Limitless controllers may be used together to create larger, flexible lighting zones or scenes.

## Accessories

### Dimmable LED Drivers

350- 700mA	12.5-20W	LS303520CLED
500 - 1050mA	45W	LS301045CLED
12V	12W	LS301012012CV
12V	40W	LS3012040VLED
12V	85W	LS3012085VLED



### Colour LED RGB/W Drivers

4x 350mA	50W	LS30560RGBW
4x 12V	100W	LS3012100RGBW
4x 24V	100W	LS3024100RGBW
3x 12V	85W	LS301285RGB



### Ground Spike Kit

A pair of adjustable-length, galvanised, steel spikes can be fitted to the Lighting Control Module in place of the supplied wall fixings to provide a convenient ground mounting-method.

