

Light Symphony

1-channel Wireless Receivers

Single Channel Lighting Controller



Features

- Tiny IP68 ABS enclosure
- Compatible with all lighting types including LED's and pumps
- Rated 350W Switched or Dimmable
- Operates wirelessly requires only a mains supply
- Fast, simple programming

Part No. LS30505SCC

Description

This tiny, wireless lighting controller can be used on its own or together with other Light Symphony lighting controllers as part of a lighting group. It's suitable for all lighting and pump types up to 350Watts and quickly configurable as a switch or dimmer. It can be configured as a group (zone) or scene controller, with 29 memories and a master on/off. The dimming mode provides a soft-on, soft-off feature with filament pre-heating, to greatly increase lamp life.

The resin filled module includes a magnetic slide switch for mode selection, maintaining IP68 waterproofing. Its double-insulated design and long range (1Km) make it a simple but versatile unit.

Specification

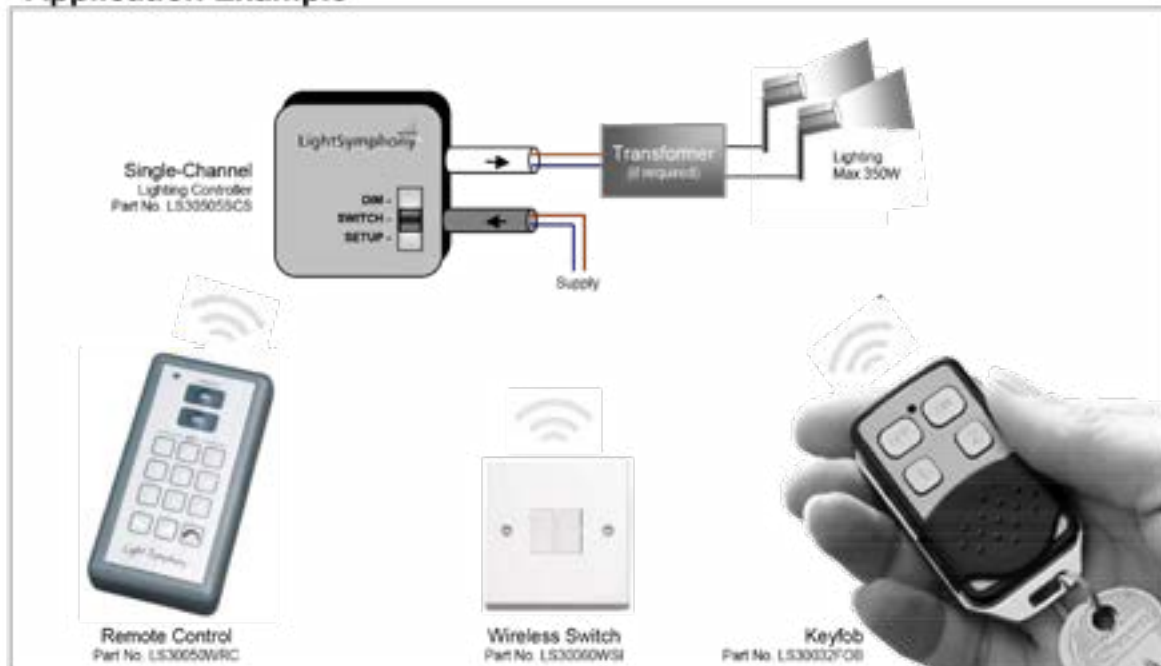
Range	-	1,000 metre wireless range line-of-sight
Enclosure	-	IP68, UV stable, ABS plastic Colour black.
RF	-	434.075MHz Narrow Band FM
Coding	-	Security channels 1-32
Power	-	Supply: 230VAC +/-10% Standby <1W. Output Triac (Leading Edge) rated 350W
Size	-	50 x 50 x 25mm
CE Compliance	-	EN 50081 - 1, To EN 50082 - 1



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Application Example



How to use it

The Lighting Controller 'hears' wireless commands from any of Light Symphony's 1Km range controllers, such as the Remote Control, Wireless Switch or Keyfob* pictured above. The Garden On/Off buttons provide a master control, conveniently switching all zones together. It can also be included in any of Light Symphony's (1-29) lighting 'Areas', for zone or individual control.

The slide-switch enables dimming, and the soft-on / soft-off feature to extend lamp life.

To program; select "SET-UP" and press the 'Area' (zone) button(s) required to control it.

*Keyfob line-of-sight range is 350metres, but can be 'echoed' to 1KM using base-station below.

Control Options

A wireless base-station can be added to any system with several benefits;

- **Timers**
6 separate timers, which calculate seasonal dusk and dawn times for any UK location.
- **Repeater**
Commands received from any Light Symphony controller are repeater or 'echoed', with 1KM range. Lighting controllers then 'hear' commands twice, which make the system extremely reliable.
- **iSymphony App**
The WiFi version allows control at home using the iSymphony app (free download).



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PUMP CONTROL

It may be desirable to exclude circuits from the global 'Garden On/Off' buttons on the remote, so they stay on when the lighting is switched off. This unit can be programmed to ignore whole "GARDEN ON/OFF" commands by selecting 'Set-up', pressing Garden Off (to switch off the circuit), then pressing the Dim Up & Down keys together, and then moving the slide switch back to Switch or Dim. As before, the unit can be programmed into its own 'Area(s)' but will now ignore global 'Garden On/Off' commands.

SPECIFICATIONS

Voltage	220-240V AC / 50Hz
Output Rating	250W
Minimum non-Inductive Load	0W (nil)
Minimum Inductive Load	10W each channel
Output Type	Switched or Dimming (Leading-edge)
Protection	Internal Thermal fuse
Weather Resistance	IP68
Physical	50 x 50 x 25mm / 0.1Kg
Ambient Temp.	-10°C to +40°C

LightSymphony™

Single Channel 'Lighting Control Module'



INTRODUCTION

The 'Lighting Control Module' is for switching and/or dimming a lighting circuit. It may be used with all lighting types including mains-halogen, magnetic low-voltage transformers, most electronic transformers, (compact) Fluorescent, Metal-Halide, Sodium and LED. Its output is selectable as dimmable or switching and is suitable for all load types. Before use, ensure the unit is set correctly, if unsure select 'Switching'. The unit is designed for outdoor installation but take note of the safety instructions below.

SAFETY INSTRUCTIONS

REMEMBER ELECTRICITY CAN KILL IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN

1. Mount the unit in a safe position to avoid possible damage by mowers or other garden tools. This unit must not be buried without proper protection.
2. The unit is a double-insulated and therefore requires no earth.
3. The electrical supply must be protected at source by an 'Earth Leakage' circuit breaker and suitably low rated fuse (0.5A per 100W's of load).
4. Where 230V power is routed outside, national wiring regulations must be adhered to. For UK installations rugged 'Concentric' type cable is recommended above ground.
5. Where 230V power cable is buried, 'Steel Wire Armoured' cable must be used. Buried cables must be *at least* 450mm (18") below the surface.
6. BURN HAZARD: Take care not to touch hot lamps and keep children away.
7. Fully loaded, this lighting module will generate up to 4½Watts of heat. Ensure adequate space or ventilation to avoid over-heating



Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

NOTE:

Rights reserved to change the specification of this product without prior notice.

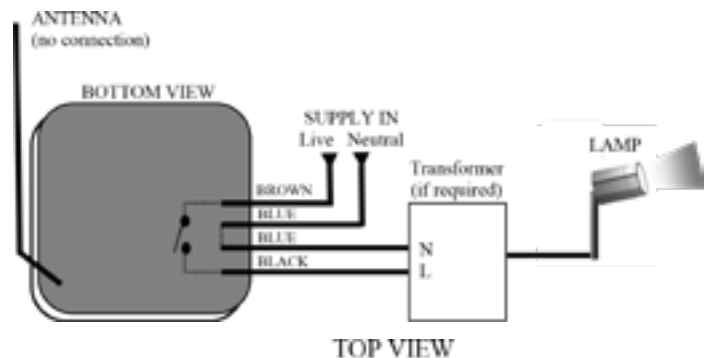
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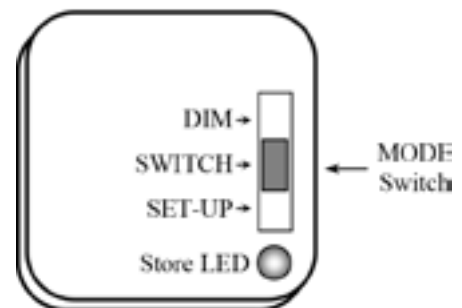
ELECTRICAL INSTALLATION

The unit must be installed by a qualified electrician working to national Electrical Regulations.

NOTE: NOT suitable for dimming very small transformers (less than 10W). If the lamp flickers, the transformer is too small or not compatible. Switch off immediately to prevent damage to the Transformer and/or unit.



TOP VIEW



TESTING & SET-UP

2. Set the MODE switch to SWITCH or DIM to suit the lamp type.
Do not attempt to dim non-dimmable lighting or damage may result.
3. To test the unit is working, press "Garden On/Off" on the remote control.
4. The LED will blink when a wireless command is received.
5. From the factory, the unit only responds to Garden On/Off but can be programmed to respond to other lighting Area's using the procedure below;

AREA PROGRAMMING

The lighting channel (circuit) can be included in any number of Light Symphony's 'AREAs'. To program the unit into a new 'Area' key on the remote;

1. Slide the MODE switch to the 'Set-up' position.
(the LED will blink to show the memory is open).
2. Use the 'Area' key on the remote* to switch ON the lamp.
(*NOTE: can also use any other Light Symphony transmitter)
3. While the lamp is ON, move the Slide switch to SWITCH or DIM.
The LED will stop flashing and the unit will now be included in the new Area. Teach other Areas by repeating this process.

The unit can be removed from an 'Area' using the same procedure, but with the lamp OFF when the slide switch is moved from Set-up to SWITCH or DIM.
e.g. Slide the switch to 'Set-up', use the Area key you wish to erase to switch OFF the lamp, then move the slide switch to SWITCH or DIM.

NOTE: The Set-up function will close automatically after 20 seconds if no button is pressed (LED stops flashing). If required, re-enable it using the slide switch.

SCENE MEMORY

The 29 Area memories can also be used to create lighting Scene's, where the whole garden's lighting configuration and dim-levels can be stored and recalled with a single button-press. Scene setting is more relevant to dimmable lighting, but switched scenes are also possible using Light Symphony.

To create a new scene, use the above Area Programming procedure and use the remote's Dim keys to set the level before moving the slide switch back to SWITCH/DIM.

Walk around the garden configuring each lighting controller in turn in the same way, so all lighting controllers respond to the same Area key.

LIGHT SHOW

By default, all circuits will be included in the light show. To configure which channels should be included move the slide switch to set-up and press the 'Rainbow' key on the remote control two times to switch on the lamp. Circuits that were 'off' when the memory closes will no longer be part of the show.