

SL5212-45 FOUR-CHANNEL LED SIGNAL REPEATER

The 5212-45 Signal Repeater is used for boosting/repeating an RGBW signal when operating several RGBW fittings on the same network, or when controlling long runs of RGBW strips & modules. The Signal Repeater ensures the RGBW signal from the controller remains strong & consistent at all points within the installation.

By using our Signal Repeaters in combination with any Superlight controller, there is virtually no limit to the length or number of fittings in the installation.

SPECIFICATIONS

Operating Voltage:	12/24VDC
Output Control Channels:	4 Channel
Max Power per Channel:	6A Per Channel
Total Maximum Power Output:	24A
Dimming Control:	0-100%
Controller Dimensions:	88x110x20mm
Connection Method:	Phoenix Connector Block (removable)
Recommended Ambient Temp:	-15 ~ +50°C
IP Protection Rating:	IP20

PHOTOMETRIC INFORMATION

Detailed photometric reports are available by request
Superlight can provide wiring schematics and lighting control system design.
Contact us for more information.

Detailed photometric report and IES files available. Contact Superlight for more information. LM80, LM79 test reports available by request.

TYPICAL APPLICATIONS

Domestic, commercial LED lighting installations. Expand capacity of existing RGB or RGBW controller, Synchronous control of RGB/RGBW LED installations, Compatible with Superlight constant voltage RGB/RGBW LED strips, modules & fittings

CONTROL & DIMMING COMPATIBILITY

This product is compatible with several systems and protocols to extend capacity repeat control signals. Including dimmable configurations Phase Dim, DALI, 1-10V, DMX512. Please contact us for options and availability. Also compatible with constant voltage Superlight products using Casambi wireless control.

INSTALLATION GUIDELINES

IP20 Indoor Use Only

Ensure rated load does not exceed 6A per channel (24A total)

Use only with approved Superlight 12/24VDC LED driver

ORDERING INFORMATION

SL5212-45 Superlight 4 Channel LED Signal Repeater 12V/24VDC

CUSTOMISATION OPTIONS

Special versions can be programmed by request

Superlight can design and supply dimming control or RGB or RGBW control systems

Custom options may be subject to minimum order quantities



CASAMBI



All product specifications are subject to change without notice. Superlight accepts no liabilities as a result of errors, updates or omissions. Please re-confirm all product details prior to ordering.