

contact51

DATA SHEET # LS01 March 2007

R-G-B LED Module Model C51-RGB-S3-12180-A



Specification:

Length : 90mm
Width : 20mm
Height : 15mm

Operating Voltage : 12VDC (Typ)
Operating Current : 180mA @ 12VDC (nominal)

Light Emission Angle : ~ 95 degrees
Light Intensity : ~ 5700 mcd (3 x 1900 mcd)

Connections : 12VDC via 2 pin plug and socket rated 250V/2.5A max
: Data via 4 pin plug and socket rated 250V/2.5A max

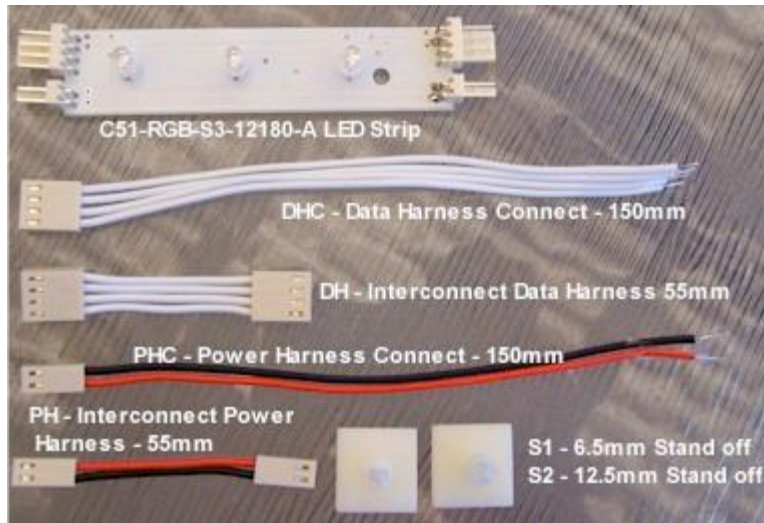


The C51-RGB-S3-12180-A module can be driven from any data source by grounding one or all of the R-G-B input terminals as is required, and connecting the positive and negative rails to a stable 12VDC supply.

Ideal control can be obtained to provide constant Red Green or Blue outputs or a controllable continuous variable colour mixture by using the *contact51* **CCM3S** Colour Mixing Controller or one of the other suitable *contact51* controllers. Enquire at your local dealer.

Accessories for the C51-RGB-S3-12180-A module

1. Power interconnect harness PHC
2. Power Harness connection PH
3. Data interconnection harness DHC
4. Data Harness connection DH
5. S1/S2 Self adhesive backing mounting stand-offs. Two sizes.



RGB Module and accessories

PHC

This harness is used to connect 12VDC power to the first module in a string

PH

This harness is used to inter connect the 12VDC power between string of modules

DHC

This harness is used to connect the data signals to the first module in a string

DH

This harness is used to inter connect the data signals between a string of modules

S1

6.5mm mounting height self adhesive backed mounting pole, also called a Stand-Off

S2

12.5mm mounting height self adhesive backed mounting pole, also called a Stand-Off

All information above is as at the date stated. [contact51](#) reserves the right to modify specifications as deemed necessary in the process of product enhancement and upgrading.