



# LIGHT

## Light Sensor wiring for SpectroSense2/2+ meters

Skye's standard single channel light sensor range have 3 wire connections, red, green and blue. Depending on the wiring configuration of these 3 connections, it is possible to use either the microamp or millivolt output signal from the sensor.

Skye recommend the current output is used in preference to the voltage output, as this is the direct signal from the photodiode detector. The sensor part number with suffix "/SS2" denotes a standard single channel sensor wired for a current input socket (not applicable to HOPL or UV sensors).

There is no problem in using the sensor's voltage output where necessary, the sensor part number with suffix "/SS2/V" denotes a standard single channel sensor wired for a voltage input socket

The sensor plug connections for the SKL 904 SpectroSense2 and SKL 908 SpectroSense2+ meters are below:

### FOR CURRENT INPUT SOCKETS

<i>PLUG PIN NUMBER</i>	<i>FUNCTION</i>	<i>WIRE COLOUR</i>
Pin 1	Not connected	
Pin 2	Not connected	
Pin 3	Not connected	
Pin 4	Negative current output	Blue
Pin 5	Ground	Green

The red wire is not used, cut back so that it cannot make any connection by accident.

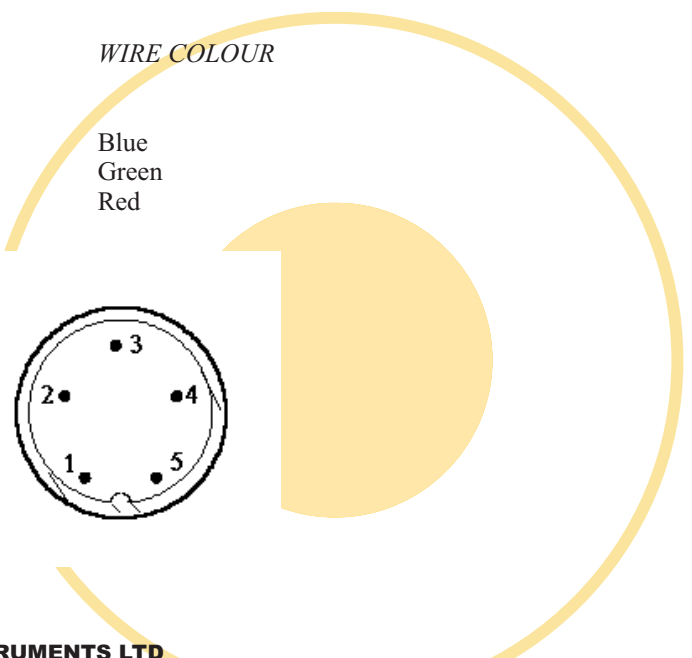
### FOR VOLTAGE INPUT SOCKETS

<i>PLUG PIN NUMBER</i>	<i>FUNCTION</i>	<i>WIRE COLOUR</i>
Pin 1	Not connected	
Pin 2	Not connected	
Pin 3*	Negative voltage output	Blue
Pin 4	Positive voltage output	Green
Pin 5*	Ground	Red

\* Pins 3 and 5 must be also linked inside the plug

### VIEW FROM INSIDE OF SENSOR PLUG

As seen when soldering wires to the connectors



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