RGB WHITE | IP20 INDOOR USE

COLOUR	CODE
RGBW	BL-LS-3004-RGBW

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

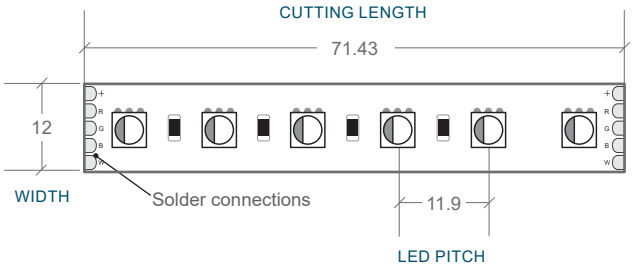
LED WATTS	22W/m *16W/m (RGB) | 6W/m (white)*
INPUT VOLTS	24V DC constant voltage
OPERATING TEMP.	-20°C ~ +60°C
MAX. RUN PER POWER FEED	5 metres
COLOUR TEMPERATURE	3000K *(white chip only)*
CRI	≥80 *(white chip only)*
LUMENS	R 130lm/m G 345lm/m B 85lm/m W 502lm/m
BEAM ANGLE	120°
SOURCE LIFE	50,000 hours
WARRANTY	3 years
MOUNTING	3M adhesive backing ***A Bright Light approved aluminium profile is required for thermal management & environmental protection***
INGRESS PROTECTION	IP20 indoor use only
CONTROL	Requires 4-channel controller

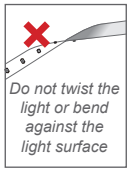
NOTE FOR DIMMING/CONTROL OF RGB & WHITE STRIP

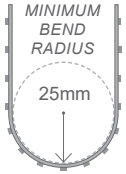
*This product requires a controller with 4 channels, it uses a common positive and all colours are controlled by PWM on the negative side.

Requires 5-core cable for all installations, cable diameter will depend on distance & amps required by the LED strip.

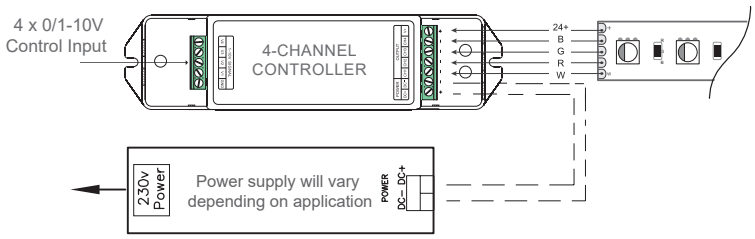
ALWAYS UNCOIL BEFORE USE







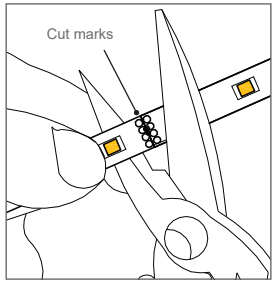
4-CHANNEL CONTROLLER WITH RGB & WHITE STRIP & POWER SUPPLY



INSTALLATION

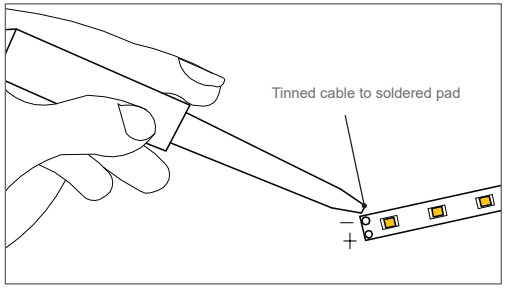
CUT

Cut LED ribbon strip at the cut marks outlined only.



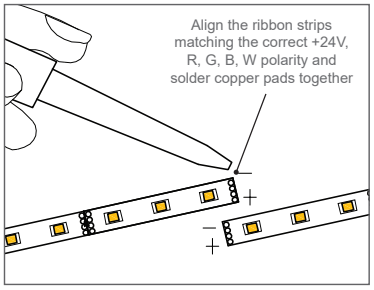
CABLE CONNECTION

To add a cable connection, cut and trim the wires to the appropriate length required. Solder the wires to the soldering pads at the end of the LED ribbon strip ensuring the correct +24V, R, G, B, W polarity to form a continuous electrical circuit.



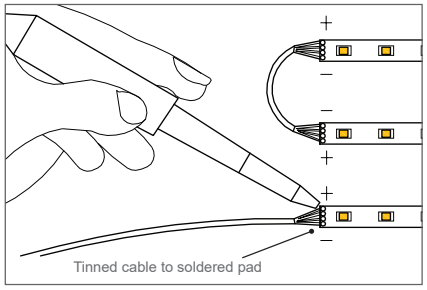
END TO END CONNECTION

To connect one length of ribbon strip to another, align LED ribbon strips end to end matching the correct +24V, R, G, B, W polarity between both lengths. Heat and solder the two lengths of ribbon together, using the soldering pads on both strips to form a continuous electrical circuit.



CORNER CONNECTION

To provide a corner connection, cut and trim the wires to the appropriate length for the corner. Solder the wires to the soldering pads at end of the LED ribbon strip and to the beginning of the new ribbon strip ensuring the correct +24V, R, G, B, W polarity to form a continuous electrical circuit.



Please note drawings are an installation guide only. Each LED Ribbon Strip application may have variable factors. Cable size may need to be specified to limit the voltage drop throughout the circuit.