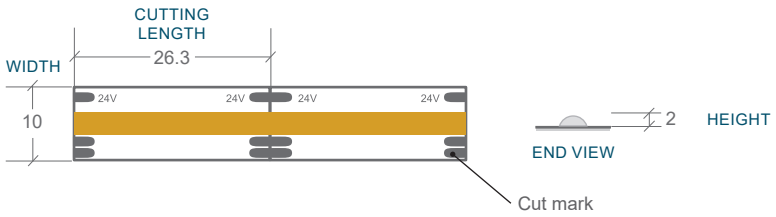
TUNEABLE WHITE COB LED | 22 WATTS PER METRE | IP20

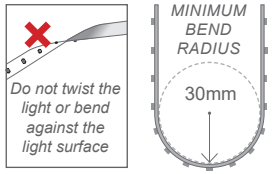
COLOUR	CODE
2700–6000K TUNEABLE	BL-LS-COB22-TW

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

LED WATTS	22W/m *11W/m (2700K)* *11W/m (6000K)*	
INPUT VOLTS	24V DC constant voltage	
OPERATING TEMP.	-25°C ~ +45°C	
MAX. RUN PER POWER FEED	5 metres	
CRI	≥90	
LUMENS	2700K 4000K 6000K	935lm/m 2090lm/m 1155lm/m
BEAM ANGLE	180°	
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	
CONTROL	Requires 2-channel controller	

ALWAYS UNCOIL BEFORE USE

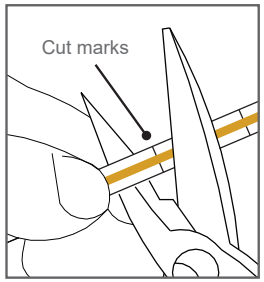




CUT

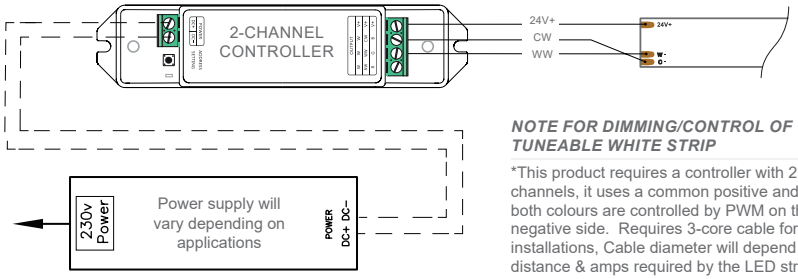
COB ribbon needs to be cut **exactly** on the cut line. The LED's are extremely close together and deviation from this line may result in blue light being visible from an LED being partially exposed at the end.

If this occurs, either recut at the next cut line or add a touch of dark light-blocking silicone to prevent light bleed at the end.



2-CHANNEL CONTROLLER WITH TUNABLE WHITE STRIP & POWER SUPPLY

Example Only. *Always refer to installation guide for controller being used.*

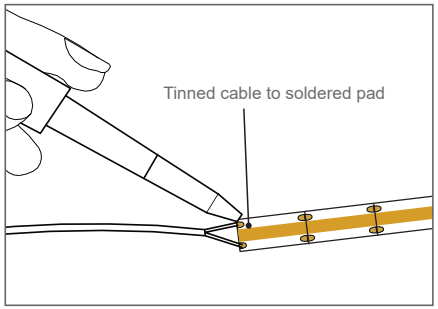


NOTE FOR DIMMING/CONTROL OF TUNEABLE WHITE STRIP

*This product requires a controller with 2 channels, it uses a common positive and both colours are controlled by PWM on the negative side. Requires 3-core cable for all installations, Cable diameter will depend on distance & amps required by the LED strip.

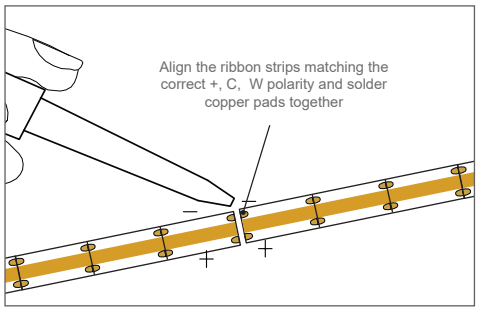
CABLE CONNECTION

To add a cable connection, cut and trim the wires to the appropriate length required. Solder the wires onto the end of the ribbon strip ensuring the correct +, C, W polarity to form a continuous electrical circuit.



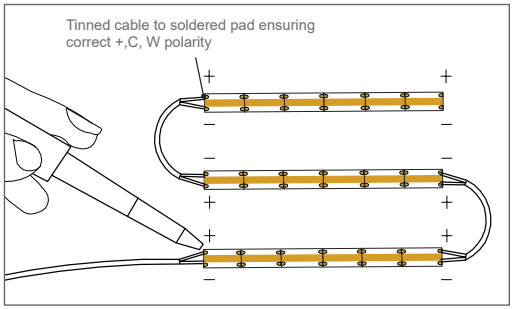
END TO END CONNECTION

To connect one length of ribbon strip to another. Solder the wires onto the end of the ribbon strip ensuring the correct +, C, W polarity between both lengths. Heat and solder the two lengths of ribbon together 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 +, C, 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.