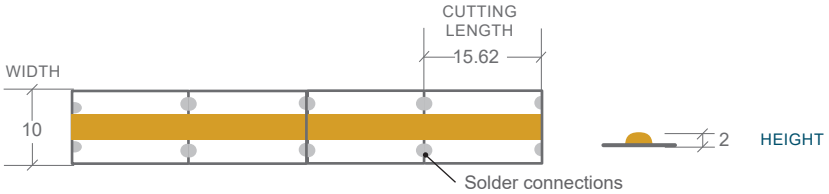
12W COB LED RIBBON | INTERIOR

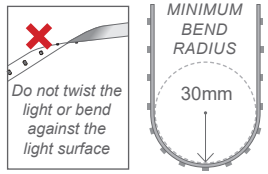
COLOUR	CODE	LUMENS
WARM WHITE 3000K	BL-LS-COB12-WW	1036lm/m
NATURAL WHITE 4000K	BL-LS-COB12-NW	1145lm/m

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

LED WATTS	12W/m
INPUT VOLTS	24V DC constant voltage
OPERATING TEMP.	-25°C ~ +50°C
MAX. RUN PER POWER FEED	5 metres
CRI	≥90
BEAM ANGLE	180°
CUTTING LENGTH	15.62mm
SOURCE LIFE	50,000 hours
WARRANTY	3 years
MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management*
INGRESS PROTECTION	IP20 General interior use
CONTROL	Dimmable by PWM signal

ALWAYS UNCOIL BEFORE USE

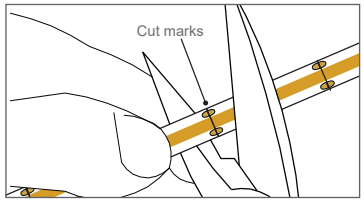




CUT EXACTLY ON LINE

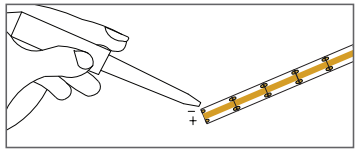
COB ribbon needs to be cut **exactly** on the cut line between the solder pads. The LED's are extremely close together and deviation from this line may result in blue light being visible from an LED being partially exposed at the end.

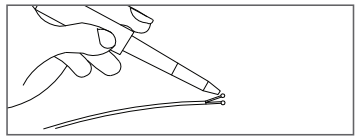
If this occurs, either recut at the next cut line or add a touch of dark light-blocking silicone to prevent light bleed at the edge.

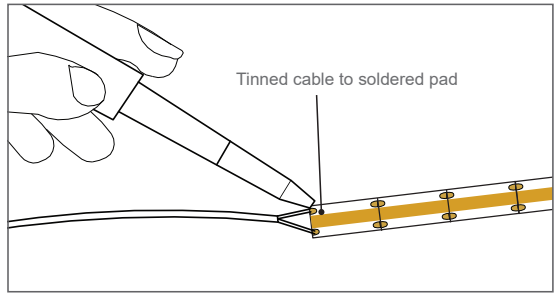


TO ADD A CABLE CONNECTION

Cut and trim the cable to the appropriate length. Solder the wires onto the end of the ribbon strip ensuring the correct +/- polarity.

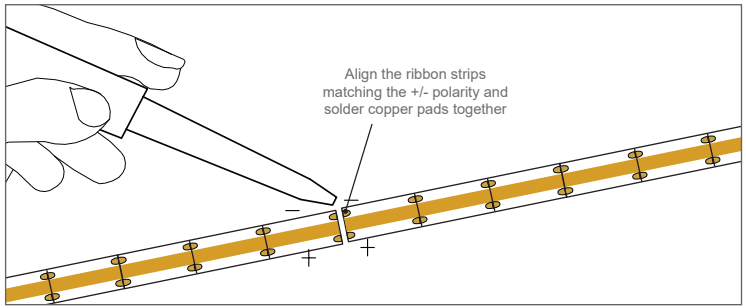






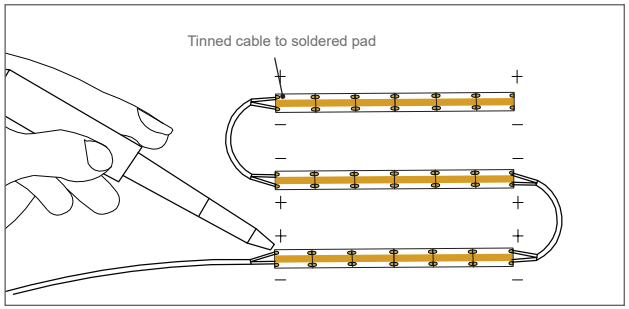
TO MAKE AN END TO END CONNECTION

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



TO PROVIDE A CORNER CONNECTION

Cut and trim the wires to the appropriate length for the corner. Solder wires to the end of the ribbon strip and to the beginning of the new ribbon strip ensuring the correct +/- polarity.



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.