

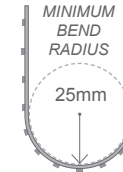
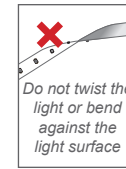
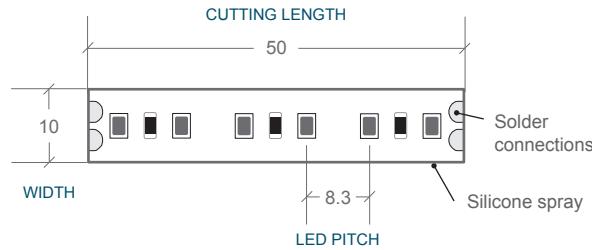
**LED RIBBON STRIP | 9 WATTS PER METRE | IP65**

COLOUR	CODE	LUMENS
WARM WHITE 3200K	BL-LS-1001-WW-IP65	820lm/m
NATURAL WHITE 4200K	BL-LS-1001-NW-IP65	824lm/m
COOL WHITE 5700K	BL-LS-1001-CW-IP65	826lm/m
RED 620–625nm	BL-LS-1001-R-IP65	166lm/m
GREEN 525–530nm	BL-LS-1001-G-IP65	254lm/m
BLUE 465–470nm	BL-LS-1001-B-IP65	675lm/m

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

LED WATTS	8.7W/m
INPUT VOLTS	24V DC constant voltage
OPERATING TEMP.	-20°C ~ +60°C
MAX. RUN PER POWER FEED	12 metres
CRI	≥80
BEAM ANGLE	120°
SOURCE LIFE	50,000 hours
WARRANTY	3 years
MOUNTING	3M adhesive backing <b>A Bright Light approved aluminium profile is required for thermal management &amp; environmental protection</b>
INGRESS PROTECTION	IP65 achieved with silicone spray (can also be used indoors)
CONTROL	Dimmable by PWM signal

**ALWAYS UNCOIL BEFORE USE**



**IP65 WATER-RESISTANT**

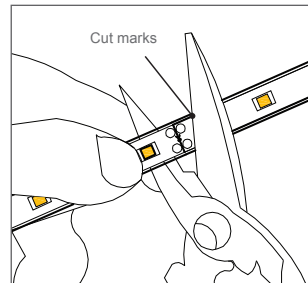
With an IP65 rating, LED ribbon strip can be used in an outside setting and is water-resistant, but is not waterproof and is not suitable to be submerged. Please consider outdoor usage carefully and ensure adequate drainage.

To ensure the IP65 rating, silicone needs to be applied to all LED Ribbon Strip ends / joins.

**CUT**

Cut LED ribbon strip at the cut marks outlined only.

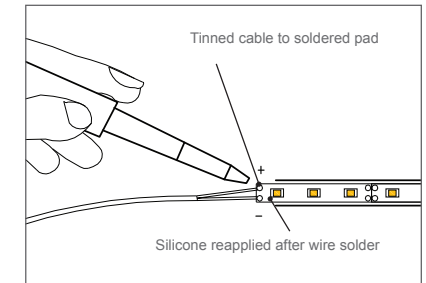
**Silicone needs to be applied to all ends to ensure the LED ribbon strip remains water-resistant.**



**TO ADD A CABLE CONNECTION**

Cut and trim the wires to the appropriate length required. Carefully remove the silicone spray from ends of the LED ribbon strip to be connected (can be scratched off). Solder the wires to the soldering pads at the end of the LED ribbon strip ensuring the correct +/- polarity to form a continuous electrical circuit.

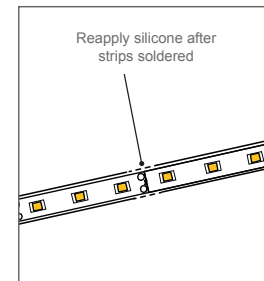
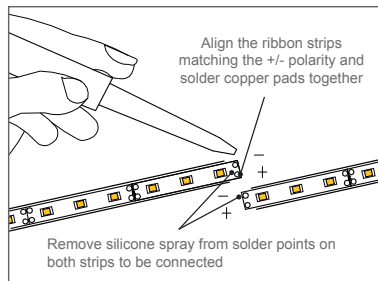
**Reapply silicone to completely cover the strip connection point and end to ensure the LED ribbon strip remains water-resistant.**



**TO MAKE AN END TO END CONNECTION**

To connect one length of ribbon strip to another, carefully remove the silicone spray from end of the LED ribbon strips (can be scratched off). 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 soldering pads on both strips to form a continuous electrical circuit.

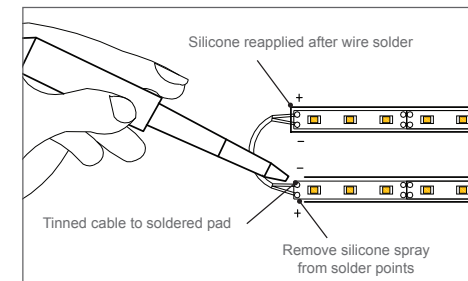
**Reapply silicone to completely cover both connection ends to ensure the LED ribbon strip remains water-resistant.**



**TO PROVIDE A CORNER CONNECTION**

Cut and trim the wires to the appropriate length for the corner. Carefully remove the silicone spray from ends of the LED ribbon strip to be connected (can be scratched off). 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 +/- polarity to form a continuous electrical circuit.

**Reapply silicone to completely cover both connection ends to ensure the LED ribbon strip remains water-resistant.**



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.