

LXLine COB

Safety Precautions

- Power Isolation: Always disconnect the power supply before installing, removing, or servicing the product to prevent electric shock, injury, or damage.
- Qualified Installation: Luminaires should be installed by a certified electrician in accordance with current local wiring regulations.
- Damaged Components: Replace any broken or faulty parts promptly. Spectre Lighting cannot be held liable for issues resulting from poor installation practices.
- Ambient Temperature: Ensure the room temperature does not exceed -20~45°C during operation.
- Power Supply Compatibility: These products are intended for use with a DC Power supply of DC24V.
- Inrush Current Consideration: You may need to upgrade your MCBs to accommodate higher inrush currents.
- Insulation Testing: Do not perform insulation resistance tests while the product is connected to the circuit.
- Preparation: Review all instructions thoroughly and confirm you have the necessary tools and accessories for proper installation.

**5yrs
Warranty**

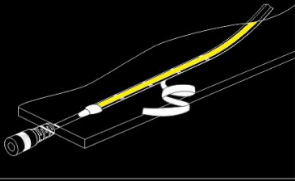


Spectre Lighting
Unit 8 Gemini 8 Business Park
Charon Way
Apollo Park
Warrington
WA5 7AE
www.spectre-lighting.com

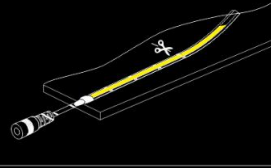
1. Clean the mounting surface by removing any dirt, debris, or moisture.



2. Peel off the release paper of the adhesive tape and then stick the LED flexible strip to the mounting surface.



3. Cut the light strip according to the required length (Cutting the light strip at the minimum cutting unit)



HANDLE PRODUCT WITH CARE



Do not put excessive pressure on the surface of LED strip light.



Do not cover strip light with any materials



Do not power strip light while attached to spool or tightly coiled.



Do not bend the strip light to less than 30mm



Do not bend led strip light on a horizontal plane



Do not fold, crease or twist led strip light

Installation Instructions

Surface Preparation

1. Verify all parts like LED flexible strip, LED power supply, LED controllers, and LED strip accessories, are compatible.
2. Configure and pre-test the connection and control system before installation, to ensure it runs correctly.
3. The suitable wire should be selected correctly considering the voltage drop, amperage rating, and wire type (in-wall rated, wet location rated, etc.).

IP20 / IP67



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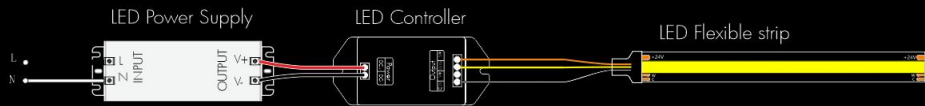
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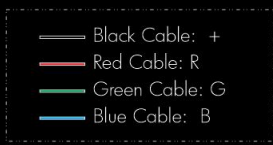
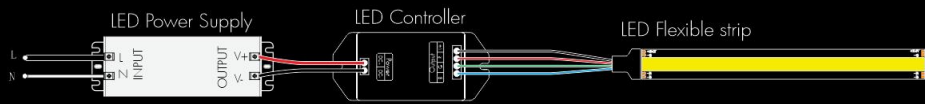
Dimming single color control systems



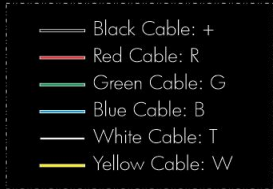
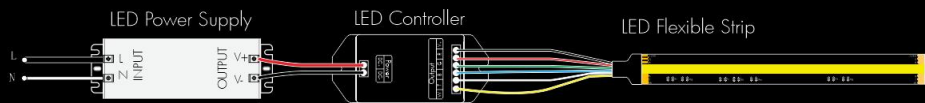
CCT color control systems



RGB color control systems



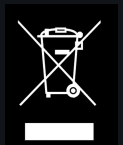
RGBTW color control systems



Installation Instructions

1. Isolate mains supply.
2. The operating voltage of the LED flexible strip coincides with the voltage of the extra LED power supply and LED controller certified for the LED lighting industry.
3. **Do not** connect the LED flexible strip directly to the AC power such as 230V or 120V input.
4. Connect the LED power supply to the LED strip (or via controller if required). Refer to opposite wiring diagrams for guidance.
5. Make sure that neither the LED power supply nor the LED controller does not generate reverse voltage, it will damage the LED flexible strip.
6. If used, ensure all connections and connectors are installed correctly and securely to contacts.
7. Dust and dirt accumulated over time should be removed from the light emitting surface to assure optimal functioning of the LED flexible strip.
8. Disconnect the power before maintenance and cleaning.

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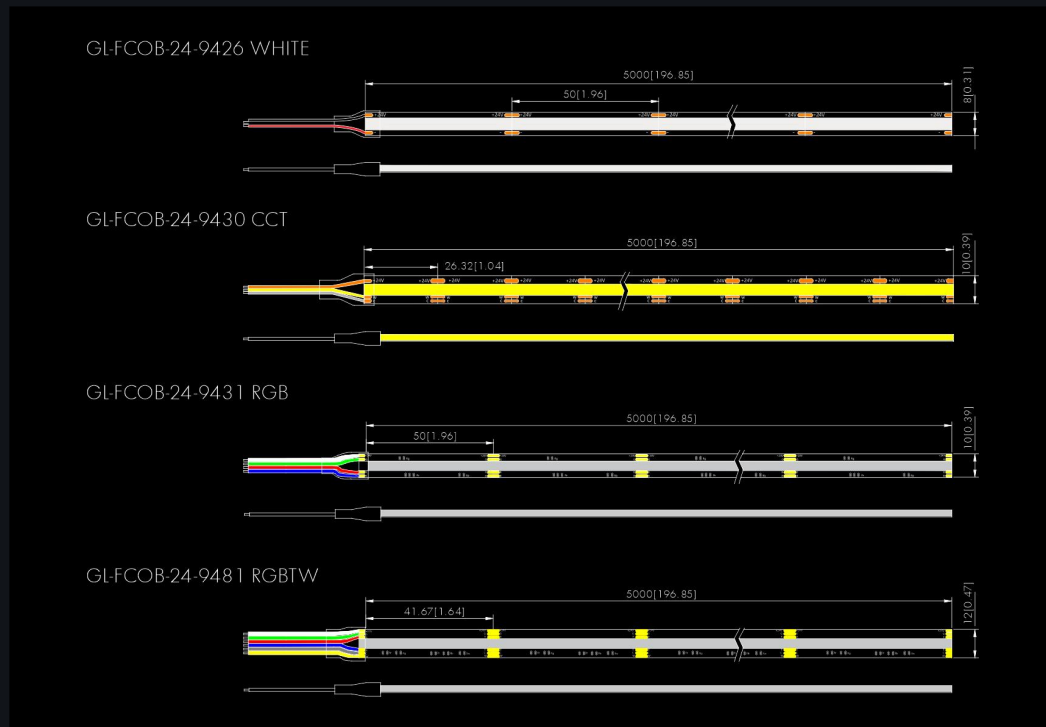
Specification

- Voltage Range – 24V DC XXA
- CRI90
- 1CCT = 4W/8W, TW =10W, RGB = 15W, RGBTW = 16W
- 1CCT=400 Lumens /M=100Lm/W; 800Lumens/M=100Lm/W(White:4000K)
- TW=900Lumens /M=90Lm/W(White:4000K)
- RGB=740Lumens /M=49Lm/W
- RGBTW=1100Lumens /M=70Lm/W(White:4000K)
- Temp Range -20 – 45 °C

Additional Information

- S-LX-C/____/I – IP20
- S-LX-C/____/E – IP67
- Cutting Lengths --1CCT = 50mm, TW =26.3mm, RGB = 50mm, RGBTW=41.7mm
- Max Single Length = 5M

Dimensions



⚠ Important Disposal Information for Waste Electrical & Electronic Equipment (WEEE)

Please be aware that Waste Electrical and Electronic Equipment (WEEE), identified by the crossed-out wheelee bin symbol, must NOT be disposed of with regular household waste.

We encourage you to support reuse, recycling, and responsible recovery by returning this product—once it reaches the end of its life—to an appropriate collection point. This may include a designated waste equipment centre, a civic amenity site, or the retailer where you originally purchased the item or are buying a replacement.

Improper disposal of this equipment may release substances that are harmful to both human health and the environment. To prevent this, it is essential that WEEE is separated from general waste and processed through approved recycling channels.

The crossed-out wheelee bin symbol serves as a reminder that this product requires special handling in accordance with local WEEE regulations.

IP20 / IP67

