

## LC25 LED Controller Features



For complete technical information about this product, including installation instructions, application requirements and guidelines, technical specifications, dimensions, and accessories, please refer to the manual at [www.bannerengineering.com](http://www.bannerengineering.com). Scan the QR code or follow the link below to go to the product series web page, and search for the LC25 LED Controller manual (p/n 234628), the LC25 LED Controller with IO-Link manual (p/n 234629), or the WLF12 Pro Flexible Multicolor Strip Light manual (p/n 234631), in the Downloads section. Use of this document assumes familiarity with pertinent industry standards and practices. [www.bannerengineering.com/wlf](http://www.bannerengineering.com/wlf)



## LC25 LED Controller Models

Model	Male Connector	Female Connector	LC25 Instruction Manual P/N
LC25C-WLF12-RGB7Q	Discrete control with Pro Editor	Output goes to the WLF12 Pro Flexible Multicolor Strip Light	234628
LC25C-WLF12-KQ	IO-Link control		234629

## LC25 LED Controller with WLF12 Wiring

### LED Controller Wiring

4-pin Male M12 Pinout	Pinout Key and Wiring <sup>(1)</sup>
	<ol style="list-style-type: none"> <li>1. Brown - Input 1: 12 V DC to 30 V DC</li> <li>2. White - Input 3: 12 V DC to 30 V DC</li> <li>3. Blue - DC Common</li> <li>4. Black - Input 2: 12 V DC to 30 V DC</li> </ol>

### LED Controller with IO-Link Wiring

4-pin Male M12 Pinout	Pinout Key and Wiring
	<ol style="list-style-type: none"> <li>1. Brown - 18 V DC to 30 V DC</li> <li>2. White - Not used</li> <li>3. Blue - DC Common</li> <li>4. Black - IO-Link Communication</li> </ol>

## LC25 Connection to the WLF12



## LC25 LED Controller Specifications

### Operating Temperature

-40 °C to +50 °C (-40 °F to +122 °F)

### Environmental Rating

IP65, IP67, IP68  
Suitable for wet locations per UL 2108

### Supply Voltage and Current

LC25 LED Controller: 12-30 V DC at 30 mA max.  
LC25 LED Controller with IO-Link: 18-30 V DC at 30 mA max.  
See the WLF12 Instruction Manual (p/n 234631) for the added current draw from a WLF12

### Certifications

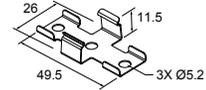


<sup>(1)</sup> Input functionality can change depending on the configuration created with Pro Editor. Refer to wiring diagrams in the selected mode in Pro Editor.

## LC25 LED Controller Accessories

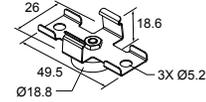
### LMBLC25T

- Stainless steel clip bracket
- Includes 1 clip bracket and 2 plastic spacers
- Clearance hole for M5 hardware



### LMBLC25TMAG

- Magnetic mounting bracket for attachment to steel and iron surfaces



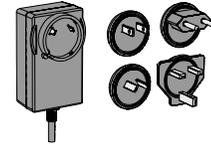
### PSD-24-4

- 90 to 264 V AC 50/60 Hz input
- Includes a 1.8 m (6 ft) US style 5-15P input plug
- 24 V DC UL Listed Class 2 M12 connector output
- 4 A total current



### PSW-24-2

- 24 V DC, 2 A Class 2 UL Listed power supply
- 100 V AC to 240 V AC 50/60 Hz input
- 3.5 m (11.5 ft) PVC cable with M12 quick disconnect
- Includes Type A (US, Canada, Japan, Puerto Rico, Taiwan), Type C (Germany, France, South Korea, Netherlands, Poland, Spain, Turkey), Type G (United Kingdom, Ireland, Singapore, Vietnam), and Type I (China, Australia, New Zealand) AC detachable input plugs



### PSW-24-1

- 24 V DC, 1 A Class 2 UL Listed power supply
- 100 V AC to 240 V AC 50/60 Hz input
- 2 m (6.5 ft) PVC cable with M12 quick disconnect
- Includes Type A (US, Canada, Japan, Puerto Rico, Taiwan), Type C (Germany, France, South Korea, Netherlands, Poland, Spain, Turkey), Type G (United Kingdom, Ireland, Singapore, Vietnam), and Type I (China, Australia, New Zealand) AC detachable input plugs



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For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).

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