# LC65 LED Dimmer Module



## Datasheet

Pulse Width Modulation (PWM) Intensity Control



- 3-wire dimmers are compatible with PWM models of many Banner LED lights
- 2-wire dimmers are compatible with standard WLS15 models and select indicators
- Intensity control (0 to 100%) on many lights at the same time
- Compact and easy to install
- High-frequency PWM delivers flicker-free lighting

### Models

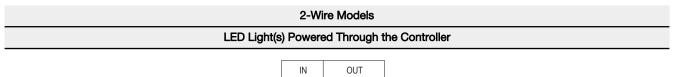
Model	Pulse Width Modulation Type	Connector	
LC65P1T	3-wire	Terminal block	
LC65P2T	2-wire		
LC65P1Q5	3-wire	150 mm (6 in) PVC cable with a 5-pin M12/Euro-style, stainless steel quick disconnect	
LC65P2Q5	2-wire		

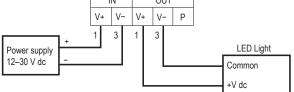
### Wiring Diagrams

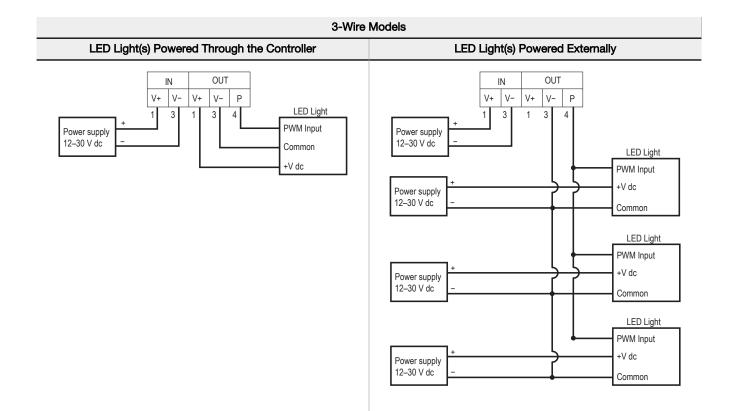
Quick Disconnect Models						
Male - Input	Pin	Wire Color	Connection			
_ 1	1	Brown	12 V dc to 30 V dc			
	3	Blue	dc common			
	4	Black	Not used			
3	2	White	Not used			

Quick Disconnect Models			Connection		
Female - Output	Pin	Wire Color	2-Wire	3-Wire	
	1	Brown	Pulse width modulation (PWM) output	12 V dc to 30 V dc	
1-2-2	3	Blue	dc common	dc common	
	4	Black	Not used	Pulse width modulation (PWM) output	
4	2	White	Not used	Not used	









### Specifications

#### Supply Voltage

12 V dc to 30 V dc

#### Supply Current 30 mA

Maximum Pass-Through Current 4 A

### Maximum PWM Output Current 3-Wire Models: 150 mA 2-Wire Models: 4 A

Switching Frequency 300 Hz

**Dimming Range** 0% to 100%

Adjustments 270° potentiometer

### Construction

ABS housing

Indicators Power LED: Green

#### **Operating Conditions**

-20 °C to +60 °C (-4 °F to +140 °F) 95% at +50 °C maximum relative humidity (non-condensing)

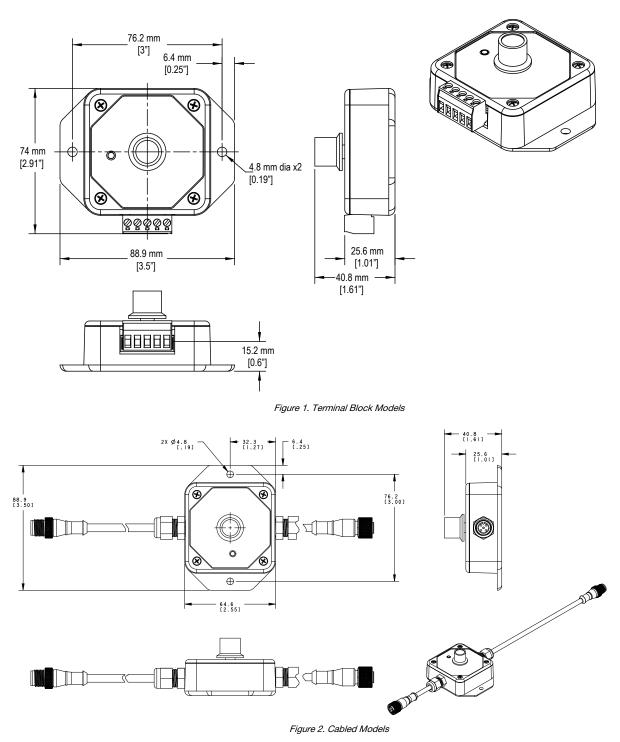
**Environmental Rating** IP20

Certifications





### Dimensions



All measurements are listed in millimeters [inches], unless noted otherwise.

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