

DL3-11000

0/1-10V LED Dimming Controller

Product Features

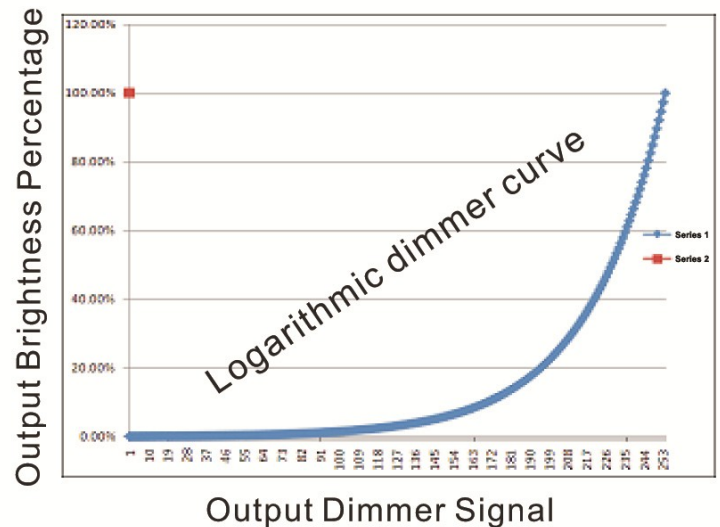
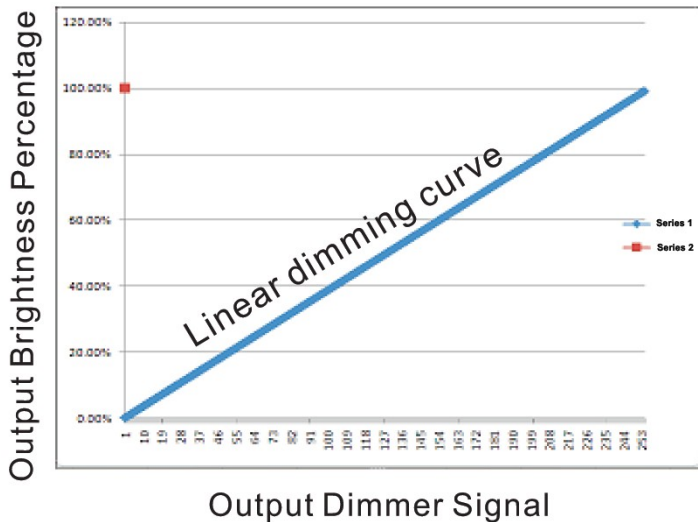
- Allows PWM dimming of LEDs via supported various analog dimming input signals, including 0/1-10V.
- Single channel input/output, 10A max.
- Brightness and dimming curves adjustable via DIP switches.
- Short circuit and over-current protection with LED warning indicator.
- When DC power is connected and Fading Mode is on, dimming from 0 to 100% requires 15 seconds.

Product Specifications

- | | |
|--------------------------------------|---|
| • Input Voltage | 12-24VDC |
| • Channels | 1 |
| • Output Current | 10A max |
| • Output Power | 120-240W |
| • Operating Temperature | 0 - 50°C |
| • Types of Supported Dimming Curves | Linear, Logarithmic |
| • Types of Supported Dimming Signals | 0-10V Active dimming signal
1-10V Passive dimming signal |
| • Dimensions | (L)167 x (W)50 x (H)23 (mm)
6.57 x 1.97 x 0.91 (inch) |
| • Weight | 120g |



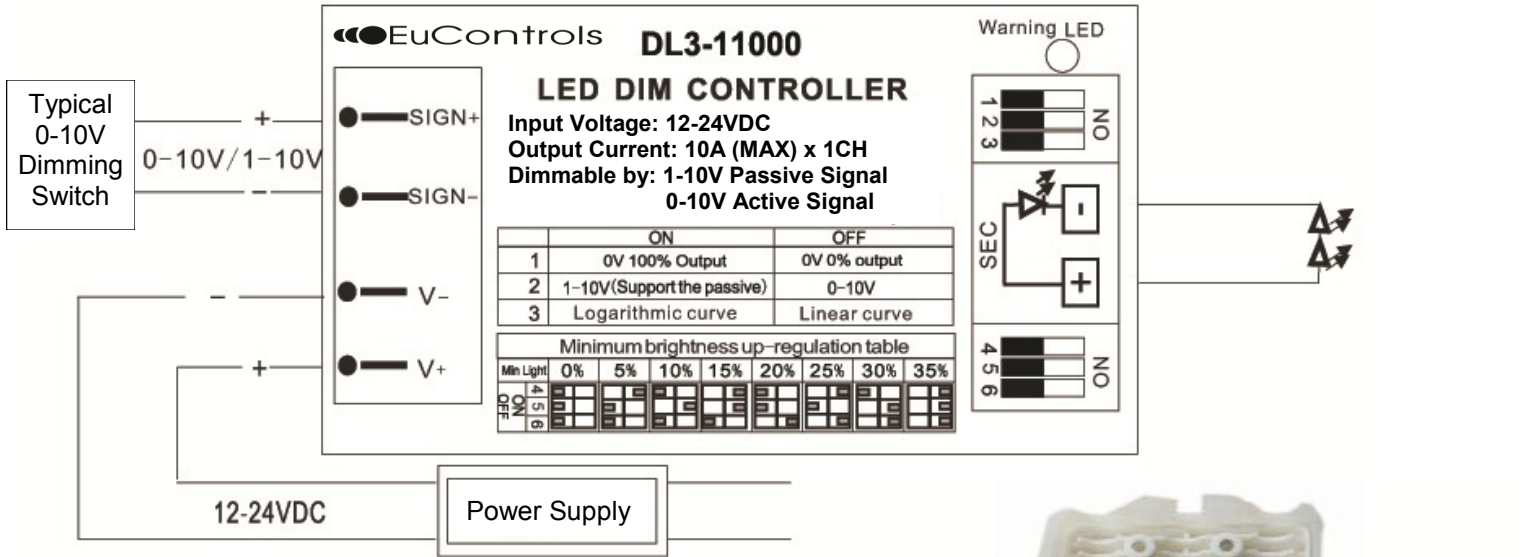
Dimming Curve Graphs



DL3-11000

0/1-10V LED Dimming Controller

Connection Diagram



Dimming and Brightness Tables

1		2		3		1-10V Passive	0-10V Active	0V Output	Dangling Output	Dimming Curve	
ON	OFF	ON	OFF	ON	OFF					Linear	Logarithmic
	✓		✓		✓		✓			✓	
✓			✓		✓		✓	✓	✓	✓	
	✓	✓			✓	✓		✓	✓	✓	
✓		✓			✓	✓		✓	✓	✓	
	✓		✓	✓			✓				✓
✓			✓	✓			✓	✓	✓	✓	✓
	✓	✓		✓		✓		✓	✓	✓	✓
✓		✓		✓		✓		✓	✓	✓	✓

4		5		6		Brightness Value
ON	OFF	ON	OFF	ON	OFF	
	✓		✓		✓	0% - 100%
✓			✓		✓	5% - 100%
	✓	✓			✓	10% - 100%
✓		✓			✓	15% - 100%
	✓		✓	✓		20% - 100%
✓			✓	✓		25% - 100%
	✓	✓		✓		30% - 100%
✓		✓		✓		35% - 100%