

LINEARdrive gives you infinite colour control for low-voltage LED applications. Its dynamic response can be tuned to fit any content - from exceptionally smooth fades in architecture to fast-paced video in entertainment. Symbiosis on LINEARdrive stands for unity - unity of the LINEARdrive working seamlessly together with LED modules, controls and intelligent luminaire elements.

Features

- Natural dimming, continuous to dark (Hybrid HydraDrive)
- Application-specific dynamic response
- Symbiosis: add value with sensing, connecting, protecting, tooling, communicating, sharing and lighting dynamics features

Electrical specifications

Driver type	constant voltage
LED outputs	2 (UL Class 2)
LED output load	8A max, irrespective of whether using one or both LED outputs
LED output voltage	12-28V
AUX output voltage	equal to input voltage
AUX output current	180mA @ 12V 90mA @ 24V
AUX output power	2W
Input voltage	12-28V DC
Input current	8A max, irrespective of PSU voltage
Dimming protocol	0-10V
Dimming curve	logarithmic
0-10V isolation	to Line voltage input: 1500V to LED output: 3750V
0-10V current draw	0.6mA typically, 2mA max
Control channels	1
Ta operating range	-20 °C ... +50 °C / -4 °F ... +122 °F
Tc max	65 °C / 149 °F
Warranty	3 years



LINEARdrive DC, 8A, 12-24VDC, 0-10V, 1 control channel, 2x LED outputs, constant voltage, log dim curve, plastic long

Performance

- Flicker-free dimming to 0%

Certifications & standards



EN 61347

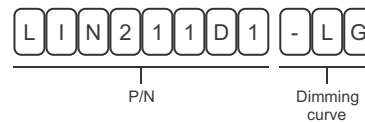
Dimensions, weight, packaging

LxWxH	153x50x23mm / 6.02x1.97x0.91in
Weight	120 g, 4.2 oz
Drivers per carton	12 pcs

Wiring



Order number configuration



Project name:	Contact details:
Project number:	
LED driver order number:	

Europe, Rest of World

eldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son
The Netherlands
sales@eldoled.com

North America

eldoLED America
One Lithonia Way
Conyers, GA 30012
USA
nasales@eldoled.com