

eldoLED

LED Drivers Designed for Miniaturized Luminaires

Developed for Europe, Australia and New Zealand

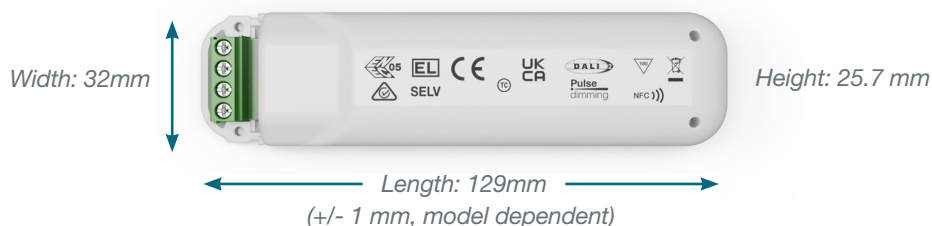
Ultimately Small, Powerful Dimming, Easy Install

Designed for small luminaires, yet powerful in dimming and easy to install – discover the versatility of our nano form factor for the ECOdrive 12W by eldoLED. This driver range is the perfect fit for miniaturized luminaires in commercial indoor and residential applications. Its technical design has been optimized for European, Australian and New Zealand markets.

Ultimately Small Housing

Created to enable hidden highlighting, the new nano form factor has an ultimately small housing that is ideal for miniaturized luminaires such as downlights, spotlights, pendant or wall-mounted designs.

- Fits through apertures and cylinders of 35mm diameter, 100mm plenum ceilings.
- Independent or integrated use: available with strain relief or as built-in version. The built-in version has multiple mounting options.



Cross section: 34mm due to rounded edges

Powerful Dimming

Although small, the new ECOdrive 12W with nano form factor enables powerful dimming, delivering Quality of Light known for eldoLED into your luminaire design with many dim protocols, including Phase dimming.

- Excellent dimming performance, down to 1%* (1.5 mA).
- Flicker-safe performance meets international flicker standards.
- Capable of powering LED loads from 5 to 42VDC, 150-700mA, including 36V COB designs at 350mA.
- Supports DALI-2 DT6, Pulse dimming, Phase dimming and wireless control with Casambi.

*Dimmer dependent for Phase dimming

Easy and Fast Installation

Special connector options are available for easy and fast installation, enabling contractors and electrical installers to save on labor costs.

- Connector options include Wieland mains connectors, custom connectors to LEDs are optional.
- All drivers are pre-wired to the LEDs.
- Programming convenience with the new eldoLED® studio platform, including wireless configuring.

Designed for European, Australian & New Zealand Markets

- Designed to meet the standards in the European, UK, Australian and New Zealand markets.**
- European mains inputs (220-240VAC).
- ENEC and RCM** certified.

**DALI models only

Select the Right Model for Your Luminaire

For complete model specifications, see the family datasheet on www.eldoled.com/nano

Ordering Description	Output Current	Output Voltage	NFC Programmable	LEDcode2* (Casambi)	Strain Relief Version with Screw Connectors	Plug & Play Version with Wieland Connectors	Built-In Version with Screw Connectors
DALI-2 DT6 and Pulse Dimming							
EC12NA-E1Z0D-NZ ¹	150-700 mA ²	5-43 V	●		●		
EC12NA-E1Z0D-NL ¹	150-700 mA ²	5-43 V	●	●	●		
EC12N-E1Z0D-NZ	150-700 mA ²	5-43 V	●				●
EC12N-E1Z0D-NL	150-700 mA ²	5-43 V	●	●			●
EC12NA-E1ZWD-NZ	150-700 mA ²	5-43 V	●			●	
EC12NA-E1ZWD-NL	150-700 mA ²	5-43 V	●	●		●	
Phase Dimming							
EC12NA-E1ZHP	200-250-300-350 mA	20-39 V			●		
EC12NA-E1ZLP	350-500-550-700 mA	11-20 V			●		
EC12N-E1ZHP	200-250-300-350 mA	20-39 V					●
EC12N-E1ZLP	350-500-550-700 mA	11-20 V					●

* LEDcode2: to connect the driver to a Casambi wireless control module by eldoLED. See the BT Casambi family datasheet for further details.
¹ available with strain relief for thick input wires (ZO) and thin input wires (ZA), see family datasheet for full details.
² 1% dimming can be achieved with current setting of 150-700mA; minimum dim level for Phase dimming depends on the dimmer.



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For more information, visit
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