eldoLED

Compact Designed LED Drivers

Developed for Europe

Compact Design, Optimized for Trimless Downlights

The 20W compact (CA) LED driver family by eldoLED has been designed for trimless downlighting applications in Europe. Its compact housing is 10mm smaller than mainstream drivers, making it ideally suited for downlights with minimal apertures (down to 45mm). Though smaller, this family delivers the unrivaled Quality of Light known for eldoLED, including flicker-safe, smooth dimming for a wide range of control protocols.

Compact Design

Created to enhance visually 'quiet' ceilings with elegantly integrated luminaires, the compact driver family has a housing that is perfect for smaller downlights, pendants and recessed panels.

- Fits through apertures of 45mm, 100mm plenum ceilings.
- Ideally suited for smaller (trimless) downlights and spotlights.

Optimized for Europe

- European mains input (220-240VAC), ENEC certified.
- Intended for independent use, the plastic housing includes a strain relief.

Quality of Light

The 20W compact family brings Quality of Light into your luminaire, with many dim protocols, including Phase dimming.

- Excellent dimming performance to 1%* (ECOdrive) or 0.1% (SOLOdrive, DUALdrive) across the wide operating window.
- Flicker-safe performance addresses requirements of international flicker standards (ECOdesign, EN12464) and IEEE 1789 recommendations.

**Dimmer dependent for Phase dimming*

Wide Range of Options

The compact family offers a very wide range of options - varying from single color to Dim to Warm and Tunable White, dimming to 1% or dark, full programmability* and numerous control protocols: DALI DT6 and DT8, to Pulse dimming, 0-10V, Phase dimming and wireless control with Casambi.

*** Applies to DALI models*

Select the Right Model for Your Luminaire

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

Ordering description	Phase dimming	0-10V	Pulse dimming	DALI-2 DT6	DALI-2 DT8	Output Current	Output Voltage	Programmable*	LEDcode2**
Dim to 1%									
EC20CA-E1ZHP	●					400-460-520-580mA	20-40V		
EC25CA-E1ZHP	●					350-500-550-700 mA	20-39V		
EC20CA-E1Z0A		●				150-1050mA	2-40V	●	●
EC20CA-E1Z0D			●	●		150-1050mA	2-40V	●	●
Dim to 0.1%									
SL20CA-E1Z0A		●				150-1050mA	2-40V	●	●
SL20CA-E1Z0D			●	●		150-1050mA	2-40V	●	●
Dim to Warm, to 0.1%									
SL20CA-E2Z0D				●		150-1050mA	2-40V	●	●
Tunable White, to 0.1%									
DL20CA-E2Z0D				●		150-1050mA	2-40V	●	●
DL20CA-E2Z0C					●	150-1050mA	2-40V	●	●

* Programming with FluxTool configuration software and a TOOLbox

** LEDcode2: to connect the driver to a Casambi wireless control module by eldoLED

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For more information, visit
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