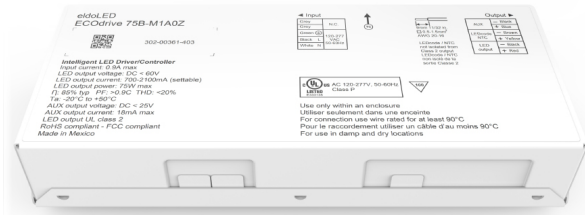


## ECOdrive

Programmable digital ECOdrive LED driver providing standard LED fixtures with the smoothest flicker-free dimming to 1% light output, delivering value to any application. The LED driver works seamlessly together with LED modules, controls and intelligent luminaire elements.

## Product offering



## ECOdrive 75B-M1A0Z

Part number (P/N)	EC75B-M1A0Z1
Product description	ECOdrive, 75W, LEDcode2 + AUX, 1 control channel, constant current, 1x 55V output, bottom feed, square metal

## Features & benefits

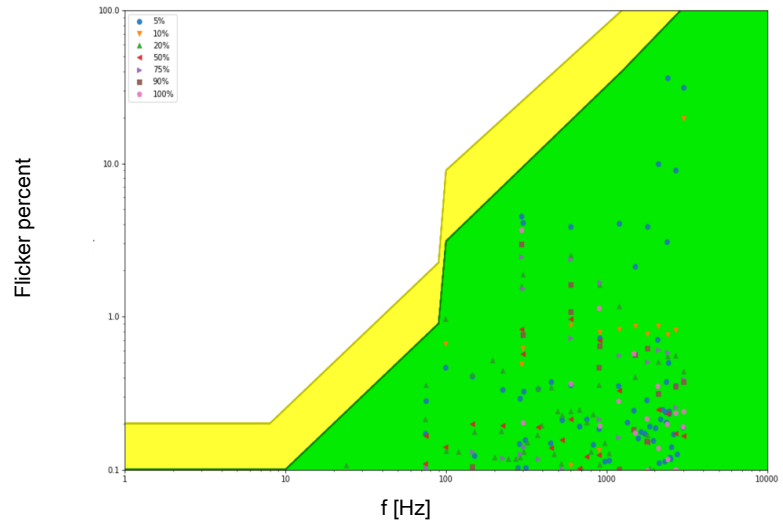
Natural dimming	Dim to 1%, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level
Symbiosis	Seamless interoperability with LED modules, controls and in-luminaire intelligent devices
LEDcode	LEDcode2 connects to integrated digital accessories, supports location-based IoT applications and enables wired and wireless lighting control through LEDcode peripheral devices
Programmable	Fine-tune your driver for any application
Camera compatibility	Hybrid HydraDrive technology is proven to work in TV studios and security camera environments

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

## Typical flicker performance

Typical flicker performance

Typical flicker percent as a function of frequency, measured across the dimming range. The results are overlaid with the low-risk (yellow) and no observable effect (green) levels as defined in IEEE P1789.



## Electrical specifications

Driver type	constant current
Number of LED outputs	1
Maximum LED output power	75W
Programmable LED output current range	700- 2,100mA
LED output type	Programmable in 1mA increments within specified current range
LED output voltage range	2-55V
Auxiliary output	15.5 - 25V DC, 18mA max
Nominal input voltage range AC	120-277V (UL)
Control protocol	LEDcode2

## Certifications



## Warranty

Warranty period [General Terms and Conditions](#)

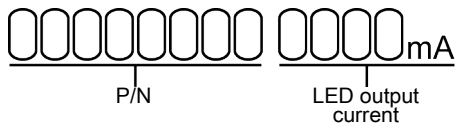
**Dimensions, weight, packaging**

Length (L)	typical: 174.4 mm / 6.87 in
Width (W)	typical: 71.9 mm / 2.83 in
Height (H)	typical: 29.4 mm / 1.16 in
Weight	430 g
Products per box	40 pcs

**Connector layout**



**Order number configurator**



P/N LED driver part number.

LED output current Enter value in 1mA increments, e.g. "811" for 811mA

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