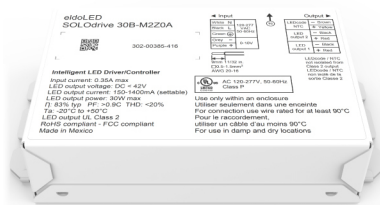


SOLOdrive

LED dimming made beautiful - SOLOdrive offers industry-best Natural Dimming to dark, with any dimmer, in any application. The SOLOdrive works seamlessly with LED modules, controls and intelligent luminaire elements.

Product offering



SOLOdrive 30B-M1Z0A

Part number (P/N)	SL30B-M1Z0A1
Product description	SOLOdrive, 30W, 0-10V, 1 control channel, constant current, 1x 42V output, bottom feed, square metal

Features & benefits

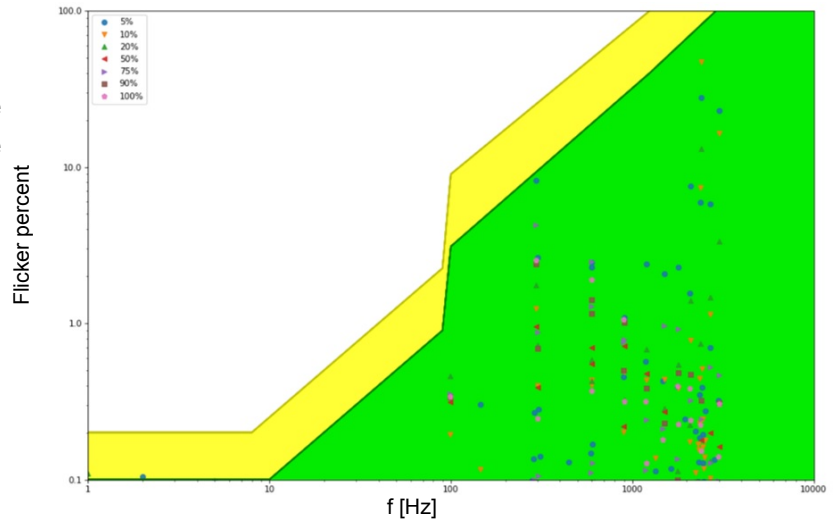
Natural dimming	Dim to dark, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level
LEDcode	Configurable design to work with most constant current LED modules and arrays, while providing a connection point to integrated peripheral controls
Programmable	Fine-tune your driver for any application
Performance	Universal input voltage range, low inrush current and total harmonic distortion (THD), high power factor and efficiency
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 (UL Class 2)
Maximum LED output power	30W
Programmable LED output current range	150 - 1400mA
LED output type	Programmable in 1mA increments within specified current range
LED output voltage range	2 - 42V
Nominal input voltage range	120 - 277 VAC (UL)
Control protocol	0-10V LEDcode
Control channels	1

Certifications



Warranty

Warranty period

[General Terms and Conditions](#)

Dimensions, weight, packaging

Length (L)	130.0 mm / 5.12 in
Width (W)	72.4 mm / 2.85 in
Height (H)	29.0 mm / 1.14 in
Weight	282 g
Products per box	40 pcs

Connector layout



Order number configurator

SL30B-M1Z0A1
Part Number

mA
LED Output
Current

min
Dimming
Curve

. **min**
Minimum Dimming
Level

Start Up
Performance

LED output current

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

Dimming curve

"LOG" for logarithmic (default)
"LIN" for linear
"SLN" for soft-linear
"SQU" for square

Minimum dimming level

Leave blank for default minimum dimming level of 0.1%. Specify in 0.1% increments, e.g. "10.5" for 10.5%.

Start-up performance

Enter "CA24" for improved start-up performance to comply with ENERGY STAR Luminaires v2.0 and the latest CA Title 24 standard, effective January 2017.

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