eldoLED
your product | *our drive*

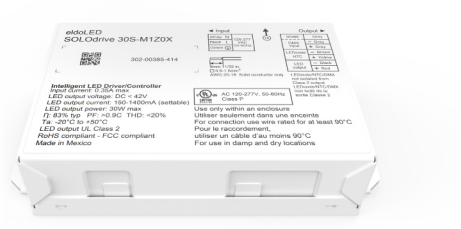
Specification Submittal

SOLOdrive 30S-M1Z0X

SOLOdrive

SOLOdrive offers industry-best Natural Dimming to dark - LED dimming made beautiful! With any dimmer, in any application. Symbiosis on SOLOdrive stands for unity, for the SOLOdrive working seamlessly together with LED modules, controls and intelligent luminaire elements.

Product offering



SOLOdrive 30S-M1Z0X

Part number (P/N)	SL30S-M1Z0X1
Product description	SOLOdrive AC, 30W, DMX, 1 control channel, constant current, 1x 42V output, side feed, square metal

Features & benefits

Natural dimming	Dim to dark, 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	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

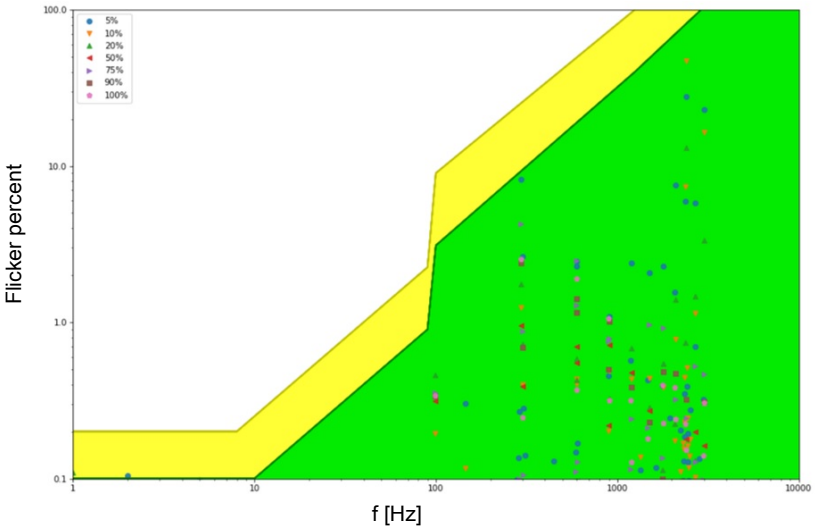
Project name:	Contact details:
Project number:	
LED driver order number:	

AcuityBrands.

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	30W
Programmable LED output current range	150 - 1400mA
LED output type	Programmable in 1mA increments within specified current range
LED output voltage range	15 - 42V
Nominal input voltage range AC	120 - 277V (UL)
Control protocol	LEDcode DMX/RDM
Control channels	1

Certifications

c UL us LISTED E333135

Warranty

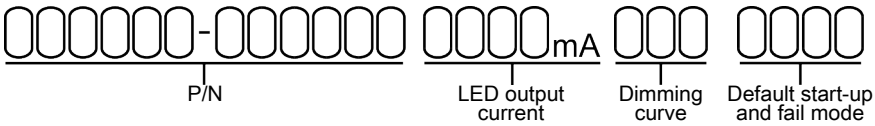
Warranty period	General Terms and Conditions

Dimensions, weight, packaging

Length (L)	typical: 130.0 mm / 5.12 in
Width (W)	typical: 72.4 mm / 2.85 in
Height (H)	typical: 29.0 mm / 1.14 in
Weight	267 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
Dimming curve	"LOG" for logarithmic (default) "LIN" for linear "SQU" for square
Default start-up and fail mode	Enter “ENTM” to start-up the driver at 20% and retain its last value with the loss of DMX **(default)**. Enter “ARCH” to start-up the driver at 100% and retain its last value with the loss of DMX. Enter “SFDF” to start-up the driver at 100% and go to 100% with the loss of DMX. To create a custom configuration specify the start-up and DMX drop levels using the following format: S_D_ where S_ defines the start-up level and D_ defines the DMX drop level. The underscores can be [0-9, F, R] corresponding to the values in the table below. E.g. for a driver configured to start-up at 30% and go to 60% with the loss of DMX, write "S3D6" in the order number configurator above.

Selection	Description	Selection	Description
0%	0	60%	6
10%	1	70%	7
20%	2	80%	8
30%	3	90%	9
40%	4	100%	F
50%	5	Retain last value*	R*

*Only applicable to DMX drop level

Pre-programmed customer specific RDM IDs	Customer specific RDM IDs may be pre-programmed from the factory. Contact your sales representative for more details.

Europe, Rest of World

eldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son
The Netherlands

E: info@eldoled.com
W: www.eldoled.com

North America

eldoLED America
One Lithonia Way
Conyers, GA 30012
USA

E: info@eldoled.com
W: www.eldoled.com