



100W Dimmable LED Driver

SOLOdrive AC is a constant current LED driver with multiple LED outputs that are controlled over a single channel. It is targeted at larger networked and smaller standalone installations that require dimmable, high-power, general white LED lighting. SOLOdrive AC is available in a DALI/switch-dim and 0-10V compatible version.

Applications

- Office lighting
- Architectural lighting
- Hospitality lighting
- High and Low Bay lighting
- Signage / advertising lighting
- Retail lighting
- Public area / park / street lighting
- Display lighting

Features & benefits

Input

- Voltage: 120 - 277 VAC
- Current, max:
 - 1A at 120V/60Hz
 - 0.5A at 230V/50Hz
 - 0.45A at 277V/60Hz
- Frequency: 50/60Hz

Output

- Voltage: 60V max, 57V typ
- Current range: configurable from 200mA to 1,050mA
- Power: 100W max

General

- Power factor: > 0.94
- DALI / switch-dim or 0-10V compatible
- Hybrid HydraDrive: 20-bit resolution
- Dimming control: smooth dimming from 100% to 0%, choice of linear or logarithmic dimming curve
- High efficiency over a wide power and voltage range: 90% at full load, ≥ 87% above 50W output
- Maximum (rated) power available over wide LED voltage (30-60V) and LED current range (200-1,050mA)
- Programmable NTC temperature, dimming curve, minimum dimming level and - per output - LED current



SOLOdrive 1061/A



SOLOdrive 1061/S



SOLOdrive 1061/M

Product offering

Description

SOLOdrive AC, 100W, DALI, 1 ballast, constant current, 4x 60V LED outputs, long metal/plastic
 SOLOdrive AC, 100W, DALI, 1 ballast, constant current, 4x 60V LED outputs, square metal
 SOLOdrive AC, 100W, DALI, 1 ballast, constant current, 4x 60V LED outputs, long metal

Product

SOLO 1060/A
 SOLO 1060/S
 SOLO 1060/M

Order no.

SL1060A1
 SL1060S1
 SL1060M1

SOLOdrive AC, 100W, 0-10V, 1 control channel, constant current, 4x 60V LED outputs, long metal/plastic
 SOLOdrive AC, 100W, 0-10V, 1 control channel, constant current, 4x 60V LED outputs, square metal
 SOLOdrive AC, 100W, 0-10V, 1 control channel, constant current, 4x 60V LED outputs, long metal

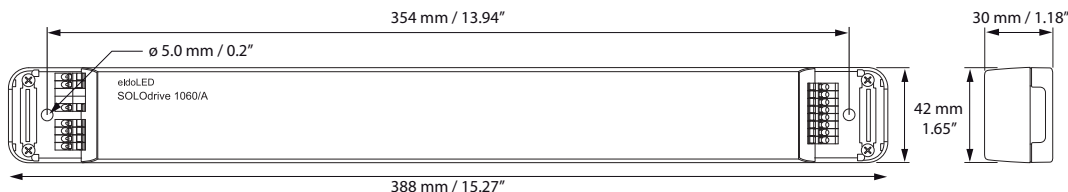
SOLO 1061/A
 SOLO 1061/S
 SOLO 1061/M

SL1061A1
 SL1061S1
 SL1061M1

Dimensions, weight, packaging

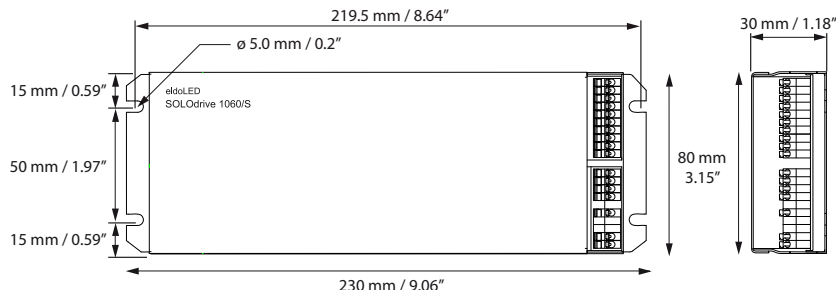
SOLOdrive 106*/A

- Weight: 705 g, 26 oz
- Packaging: 20 pcs/carton



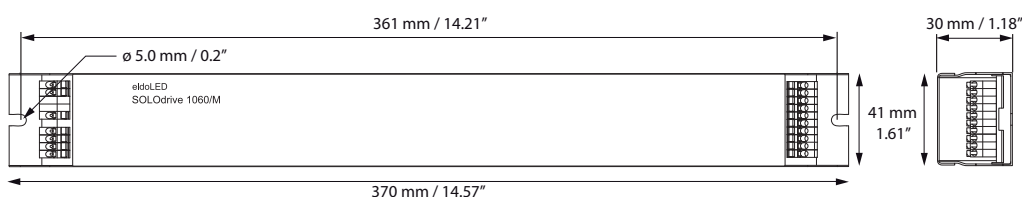
SOLOdrive 106*/S

- Weight: 880 g, 31 oz
- Packaging: 20 pcs/carton



SOLOdrive 106*/M

- Weight: 880 g, 31 oz
- Packaging: 20 pcs/carton



Connections

Connectors

- Power: Line, Neutral and Ground
- DALI or 0-10V: + and - (x2)
- LED outputs: 1 ballast: + and - (x4)
- LEDcode / NTC: + and -

Wiring

- Cross section: 0.5 - 1.5 mm², AWG 20 - 16
- Strip length: 9 mm / 0.35 in.

Other information

Certifications

- IEC 61347-1, IEC 61347-2-13, IEC 62384 + A1, EN 55015 + A1, EN 55022 + A1, IEC 61000-3-2, IEC 61547 + A1, IEC 62386-207
- CE
- ENEC by VDE
- UL: Recognized Component for US and Canada (file no. E333135), according to UL1310 and UL8750.
US: Class 2 output. Canada: Non-Class 2 output.



Environmental ratings

- Ta range: -40°C...+50°C / -40°F...+122°F
- Tc max: 90°C / 194°F (106*/A), 85°C / 185°F (106*/M), 83°C / 181°F (106*/S)
- For use in damp and dry locations

Control compatibility

- DALI control gear
- Momentary light switches for switch-dim functionality
- Standard 0-10V wall mount dimmers and switch controls

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Other documentation and support

Visit www.eldoled.com/ACsupport for further documentation such as quick start guide, wiring diagram, tech sheet and 3D IGES files.

Warranty

eldoLED represents and warrants that for a period of 3 (three) years, as of the date of invoice, Products materially meet the specifications and specifically agreed upon quality, both as stated in the applicable datasheet and/or written design-in specifications, or as stated in writing otherwise by eldoLED, provided that these specifications are explicitly designated by eldoLED as "warranted specifications".

For the complete warranty text, visit www.eldoled.com/terms.