eldoLED
your product | *our drive*

30W DALI Dimmable LED Driver

SOLOdrive 360 is a DALI dimmable, constant current LED driver with a single LED output. It is targeted at larger networked and smaller standalone installations that require dimmable, high-power, general white LED lighting. Dimming is beautiful - smooth all the way down to zero. SOLOdrive is programmable over LEDcode to suit a wide application area. LEDcode also allows easy extension of the SOLOdrive's feature set with time, motion and brightness based intelligence.

Applications

- Office lighting
- Architectural lighting
- Hospitality lighting
- High and Low Bay lighting
- Retail lighting

Features & benefits

Input
- Voltage: AC 120-277V
          DC 120-250V
- Current, max: 0.35A
- Frequency: 50/60Hz

SOLOdrive 360/S

Output
- Voltage: 55V max
- Current range: settable from 200mA to 1,050mA
- Power: 30W max

General
- Power factor: > 0.90 at full load
- DALI compatible (IEC 62386-101/102/207)
- Hybrid HydraDrive: efficient, smooth and flicker-free dimming
- Full dimming control: 100%-0.1%, choice of linear or logarithmic dimming curve
- High efficiency over a wide power and voltage range: 86% at full load, ≥ 85% above 20W output
- Maximum (rated) power available over wide LED voltage (30-55V) and LED current range (200-1,050mA)
- NTC interface for robust thermal management
- LEDcode: programming interface (LED output current, NTC temperature, dimming curve, minimum dimming level) and sensor/extended feature set interface

SOLOdrive 360/B

Product offering

Description	Product	Order no.
SOLOdrive, 30W, DALI, constant current, 1x 55V LED output, bottom feed, metal square	SOLO 360/B	SL0360B1
SOLOdrive, 30W, DALI, constant current, 1x 55V LED output, side feed, metal square	SOLO 360/S	SL0360S1

More product documentation and eldoLED's terms and conditions are available at www.eldoled.com.
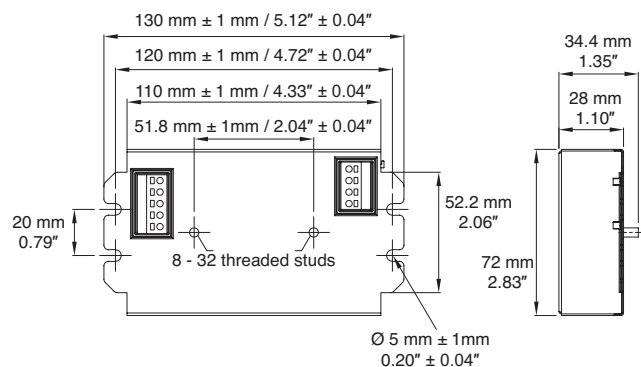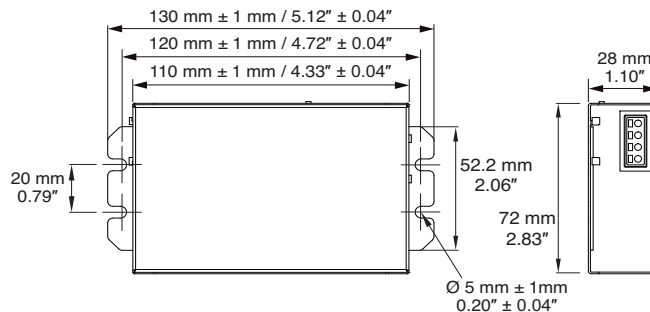
Dimensions, weight and packaging

SOLOdrive 360/B

- Weight: 285.5 g, 10.07 oz
- Packaging: 40pcs/carton

SOLOdrive 360/S

- Weight: 285.5 g, 10.07 oz
- Packaging: 40pcs/carton

Connections

Connectors

- Primary side   Power: Line, Neutral and Ground
  DALI: + and -
- Secondary side   LED output: + and -
  LEDcode/NTC: + and -

Wiring

- Cross section: 0.5 - 1.5 mm^2, AWG 20 - 16
- Strip length: 9 mm / 0.35 in.

LEDcode configuration

- USB-LEDcode interface: TOOLbox pro (part number: TLU20503)
- FluxTool software: for Mac and PC freely downloadable from www.eldoled.com/fluxtool

Other information

Certifications

- CE
- EN 61347-1 / -2-7 / -2-13, EN 62384, EN 55015, EN 55022, EN 61000-3-2, EN 61547, EN 62386-101/102/207
- UL: Recognized Component for US and Canada (file no. E333135), according to UL1310 and UL8750. US: Class 2 output. Canada: Non-Class 2 output.
- ENEC by DEKRA
- EL

Environmental ratings

- Ta range: -20°C...+50°C / -4°F...+122°F
- Tc max: +75°C / +167°F
- For use in damp and dry locations

Control compatibility

- DALI control gear

CE · 05 · KEMA EUR · EL · c RU us · LEDcode · DALI

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.