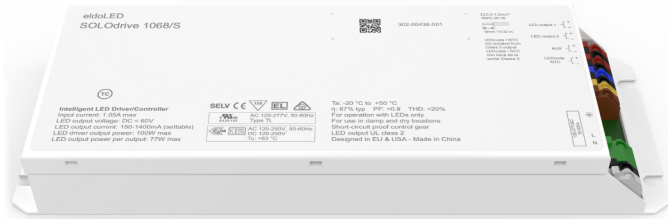


SOLOdrive

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 1066/S

| | |
|---------------------|---|
| Part number (P/N) | SL1066S1 |
| Product description | SOLOdrive AC, 100W, 0-10V + AUX, 1 control channel, constant current, 2x 55V outputs, side feed, square metal |

Features & benefits

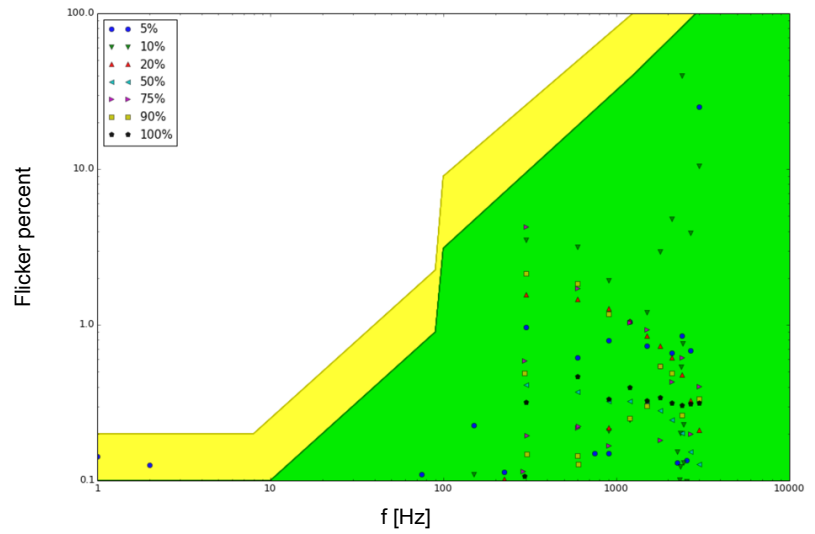
| | |
|----------------------|---|
| Natural dimming | Dim to dark, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level |
| LightShape | Dim to Warm: decrease colour temperature when dimming |
| Symbiosis | Seamless interoperability with 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: | |

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 | 2 (UL Class 2) |
| Maximum LED output power | 100W |
| Programmable LED output current range | 150 - 1400mA |
| 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 - 250V (ENEC), 120 - 277V (UL) |
| Nominal input voltage range DC | 120 - 250V |
| Control protocol | 0-10V LEDcode |
| Control channels | 1 |

Certifications



Warranty

Warranty period [General Terms and Conditions](#)

Dimensions, weight, packaging

Length (L) typical: 230 mm / 9.06 in

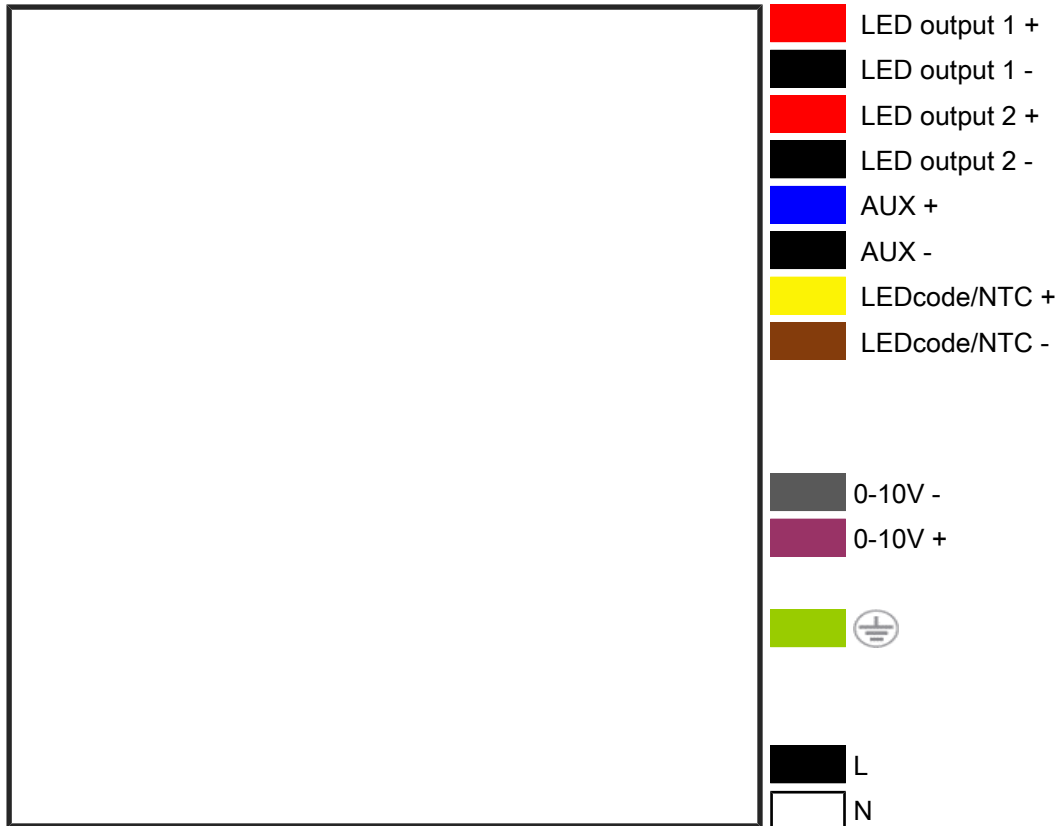
Width (W) typical: 80 mm / 3.15 in

Height (H) typical: 30 mm / 1.18 in

Weight 912.5 g

Products per box 20 pcs

Connector layout



Order number configurator

Standard

P/N
 mA

LED output current

Dimming curve
 min

Minimum dimming level

LightShape

P/N
 mA

LED output current

LightShape control type

Dimming curve
 mA

LED output 1
 mA

LED output 2
 K

Gamut CCT

lm

Gamut lumen output
 K

Path CCT

| | |
|--------------------------------|---|
| P/N | LED driver part number. |
| LED output current, Standard | Enter value in 1mA increments, e.g. "811" for 811mA |
| LED output current, LightShape | Output current identical for all outputs? Enter value in 1mA increments, e.g. "811" for 811mA and leave the fields "LED output 1" and "LED output 2" blank. Output current different per output? Enter "MCUR" in LED output current and specify the differing currents in LED output 1/2. |
| LightShape control type | "DTW" stands for Dim to Warm |
| 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%. |
| Gamut CCT | LightShape-specific option. Enter the LEDs' CCT as "XX-YY" where XX is LED output 1 and YY is LED output 2. Available options per output: 18, 20, 22, 25, 27, 30, 35, 40, 50, 57 and 65. E.g. "18-50" for 1800K on LED output 1 and 5000K on LED output 2. |
| Gamut lumen output | Enter the lumen output range for LED output 1 and 2 as "XX-YY" where XX is LED output 1 and YY is LED output 2. Available range per output: from "01" for 100lm to "99" for 9900lm. E.g. "10-12" for 1000lm on LED output 1 and 1200lm on LED output 2. |

Path CCT

Leave blank if Path CCT requires the same values as Gamut CCT. Or specify the Path CCT values as "XXYY" where XX is LED output 1 and YY is LED output 2. Available options per output: 18, 20, 22, 25, 27, 30, 35, 40, 50, 57, 65. E.g. "18-50" for 1800K on LED output 1 and 5000K on LED output 2.

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