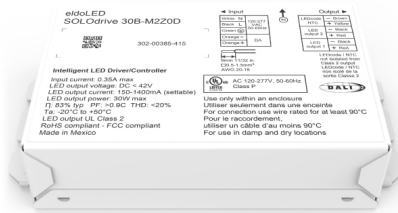


SOLOdrive

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-M2Z0D

| | |
|---------------------|--|
| Part number (P/N) | SL30S-M2Z0D1 |
| Product description | SOLOdrive AC, 30W, DALI-2, 1 control channel, constant current, 2x 42V output, side feed, square metal |

Features & benefits

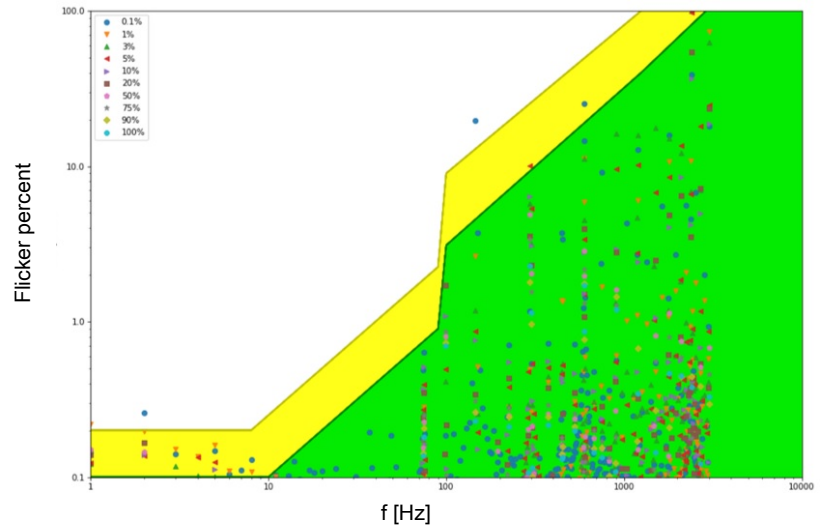
| | |
|----------------------|--|
| Natural dimming | Dim to dark, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level |
| LightShape | Dim to Warm: decrease colour temperature when dimming |
| Symbiosis | Seamless interoperability with LED modules, controls and in-luminaire intelligent devices |
| LEDcode | LEDcode2 connects to integrated digital accessories, supports location-based IoT applications and enables wired and wireless lighting control through LEDcode peripheral devices |
| Programmable | Fine-tune your driver for any application |
| 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 |
| Maximum LED output power | 30W |
| Programmable LED output current range | 150 - 1,400mA |
| 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 | DALI-2 Device Type 6 LEDcode2 |
| Control channels | 1 |

Certifications



Warranty

Warranty period [General Terms and Conditions](#)

Dimensions, weight, packaging

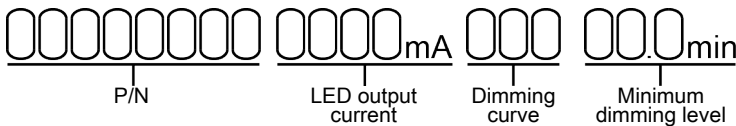
| | |
|------------------|-----------------------------|
| Length (L) | typical: 130.0 mm / 5.12 in |
| Width (W) | typical: 72.4 mm / 2.85 in |
| Height (H) | typical: 29.0 mm / 1.14 in |
| Weight | 282 g |
| Products per box | 40 pcs |

Connector layout

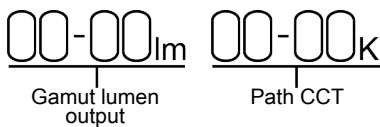
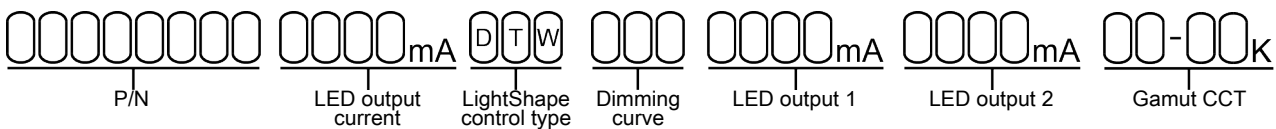


Order number configurator

Standard



LightShape



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 |
| 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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