eldoLED
your product | our drive

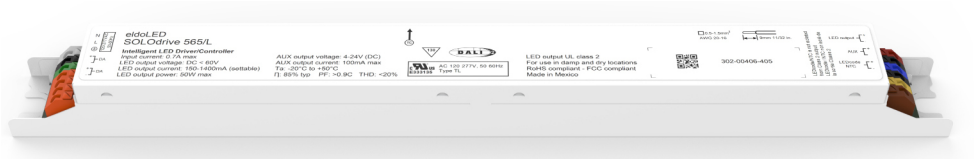
Specification Submittal

# SOLOdrive 565/L

## 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 565/L**

| | |
|---|---|
| Part number (P/N) | SL0565L4 |
| Product description | SOLOdrive AC, 50W, DALI-2 + AUX, 1 control channel, constant current, 1x 55V output, side feed, long 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 | 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 |
| 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: | |

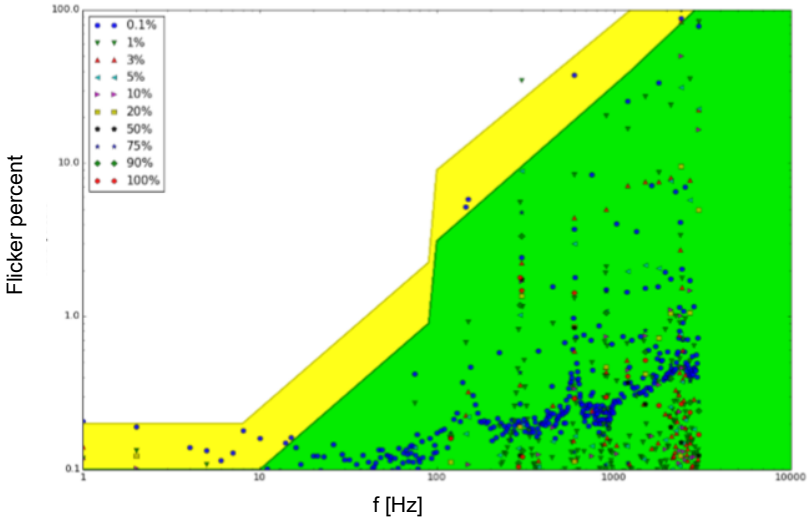
© 2019 eldoLED. All rights reserved. V1.4 All content contained herein is subject to change without prior notice.
More product documentation and eldoLED's warranty and terms and conditions are available at www.eldoLED.com.

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 (UL Class 2) |
| Maximum LED output power | 50W |
| 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 voltage resolution | 1V (below 16V)<br>2V (above 16V) |
| Auxiliary output | 4 - 24V DC, 100mA max |
| Nominal input voltage range AC | 120 - 277V (UL) |
| Control protocol | DALI-2 Device Type 6<br>LEDcode2 |
| Control channels | 1 |

## Certifications

c US
E333135

## Warranty

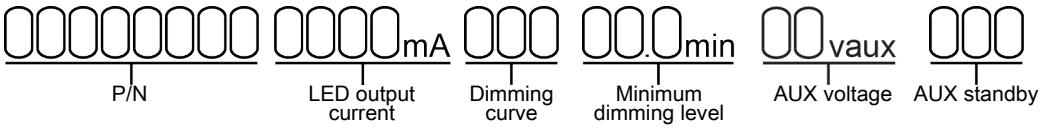
| | |
|---|---|
| Warranty period | General Terms and Conditions |

## Dimensions, weight, packaging

| | |
|---|---|
| Length (L) | typical: 320.0 mm / 12.6 in |
| Width (W) | typical: 30.0 mm / 1.18 in |
| Height (H) | typical: 25.8 mm / 1.02 in |
| Weight | 280 g |
| Products per box | 50 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)<br>"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%. |
| AUX voltage | The AUX voltage is selectable in 1V increments between 4V and 16V and 2V increments between 16V and 24V.<br><br>**If left blank, the default AUX voltage is 16V.** |
| AUX standby | The AUX output can be either "ON" or "OFF" when the driver is in standby mode. If a peripheral device depends on the AUX for normal operation, even if the driver is in standby mode, this option shall be set to "ON".<br>If AUX is not used to power any peripheral device, the AUX may be set to "OFF" during standby; this ensures that the total driver standby power is less than 0.5W.<br><br>**If left blank, the default AUX standby option is "ON".** |

**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