

## 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 561/S

|                     |   |
|---------------------|---|
| Part number (P/N)   | SL0561S5  |
| Product description | SOLOdrive AC, 50W, 0-10V, 1 control channel, constant current, 2x 55V 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              | 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: |                  |

## Electrical specifications

|                                       |   |
|---------------------------------------|---|
| Driver type                           | constant current  |
| Number of LED outputs                 | 2 (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              | 1.5 - 55V   |
| Nominal input voltage range AC        | 120 - 250V (ENEC), 120 - 277V (UL)                            |
| Nominal input voltage range DC        | 120 - 250V  |
| Control protocol                      | 0-10V<br>LEDcode  |
| Control channels                      | 1   |

## Certifications



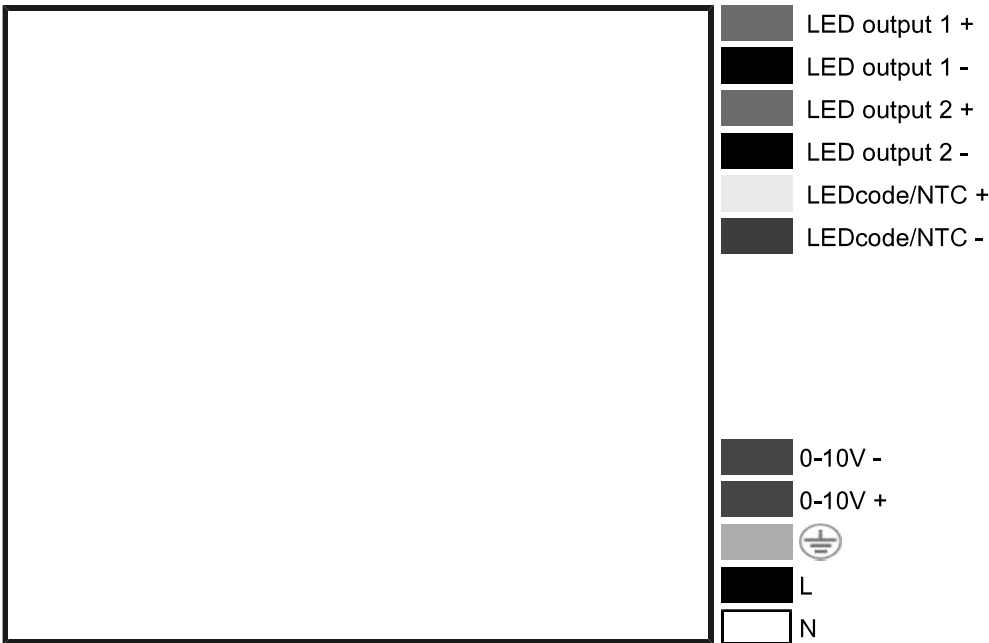
## Warranty

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

## Dimensions, weight, packaging

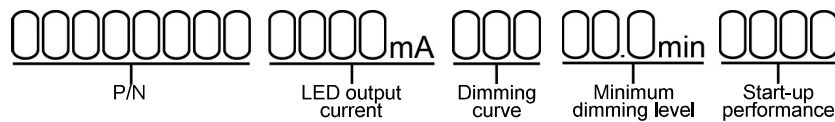
|            |                          |
|------------|--------------------------|
| Length (L) | typical: 130 mm / 5.1 in |
| Width (W)  | typical: 76 mm / 2.99 in |
| Height (H) | typical: 30 mm / 1.18 in |
| Weight     | 350 g                    |

Connector layout

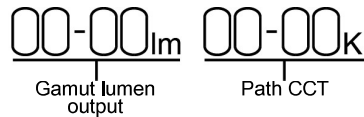
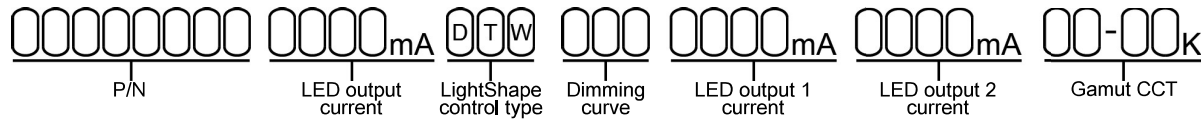


Order number configurator

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.<br>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)<br>"LIN" for linear<br>"SLN" for soft-linear<br>"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%.  |
| Start-up performance           | Enter "CA24" for improved start-up performance to comply with ENERGY STAR Luminaires v2.0 and the latest CA Title 24 standard, effective January 2017.   |
| 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. |

#### Europe, Rest of World

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