

SOLOdrive offers industry-best Natural Dimming to dark - LED dimming made beautiful! With any dimmer, in any application. Symbiosis ensures the LED driver works seamlessly together with LED modules, controls and intelligent luminaire elements.



SOLOdrive AC, 50W, DALI, 1 ballast, constant current, 2x 55V outputs, square metal/plastic

Features

- Natural dimming, continuous to dark and flicker-free (Hybrid HydraDrive)
- Symbiosis: add value with sensing, connecting, protecting, tooling, communicating, sharing and lighting dynamics features

- Programmable to fit application
- Low inrush and THD
- High power factor and efficiency

Electrical specifications

Driver type	constant current
LED outputs	2 (UL Class 2)
LED output power	50W max
LED output current range	200-1,050mA. Settable per output.
LED output current resolution	programmable in 1mA steps
LED output voltage range	2-55V
Standby power	<0.5W
Input voltage AC	120-250V (ENEC approved) 120-277V (UL approved)
Input voltage DC	120-250V
Input current	0.7A max
Inrush current	negligible: 30mA ² s @ 277V
Surge protection	1kV DM, 2kV CM
Efficiency @ full load	89%
Efficiency @ 2/3 load	≥85%
Power factor @ full load	>0.9C
THD @ full load	<20%
Dimming protocol	DALI
Control channels	1
Ta operating range	-20 °C ... +50 °C / -4 °F ... +122 °F
Tc max	85 °C / 185 °F
Tc lifetime	78 °C / 172.4 °F
Warranty	3 years

Certifications & standards



EN 61347-1/-2-13, EN 62384, EN 55015, EN 55022, EN 61000-3-2, EN 61547, EN 62386-101/102/207

UL 1310, UL 8750 (Class 2 output)

FCC 47 CFR Part 15 Class B

Dimensions, weight, packaging

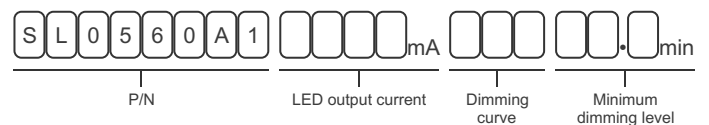
LxWxH	152.5x76x30.1mm / 6x2.99x1.19in
Weight	372 g, 13.12 oz
Drivers per carton	6 or 45 pcs

Wiring



- LED output
- LED output
- LEDcode / NTC
- DALI
- 120-277 VAC

Order number configuration



LED output current: in 1mA steps, e.g. "0258", "1011" etc.

Dimming curve: enter "LOG" for a logarithmic, "LIN" for a linear dimming curve.

Minimum dimming level: write to one decimal place, e.g. "05.0" for 5%, "07.5" for 7.5%, "10.1" for 10.1%, etc. Leave blank if default minimum dimming level (0.1%) is required.

Project name:	Contact details:
Project number:	
LED driver order number:	

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