SOLOdrive offers industry-best Natural Dimming to 0% - 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, 0-10V + aux, 1 control channel, constant current, single output, long metal

Features

- Natural dimming, continuous to dark (Hybrid HydraDrive)
- Symbiosis: add value with sensing, connecting, protecting, tooling, communicating, sharing and lighting dynamics features
- Programmable to fit application
- Compatible with HD studio camera

- LEDcode: configurable design to work with most constant current LED modules and arrays, while providing a connection point to integrated peripheral controls
- Low inrush and THD, high power factor and efficiency
- Thermal foldback

Electrical specifications

Driver type	constant current
LED outputs	1 (UL Class 2)
LED output power	50W max
Programmable LED output current range	150-1,400mA
LED output current resolution	programmable in 1mA steps
LED output voltage range	1.5-55V
AUX output	15.5-25V, 18mA max
Standby power	<0.5W
Input voltage AC	120-250V (ENEC), 120-277V (UL)
Input voltage DC	120-250V
Input current	0.65A max
Inrush current	negligible: 30mA²s @ 277V
Surge protection	2kV DM, 2kV CM
Efficiency @ full load	86%
Efficiency @ 2/3 load	≥85%
Power factor @ full load	>0.9C
THD @ full load	<20%
Control protocol	0-10V, LEDcode
Control channels	1
Ta operating range	-20 °C ... +50 °C
Tc max	80 °C
Tc lifetime	80 °C
Lifetime @ Tc lifetime	50,000 hours
Warranty	3 years

Certifications & standards

EN 61347-1/-2-13, 62384, 55015, 55022, 61000-3-2, 61547

UL 1310, UL 8750 (Class 2 output). Type TL LED driver.
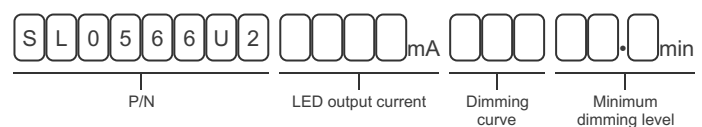
FCC 47 CFR Part 15 Class B

RoHS2

Dimensions, weight, packaging

LxWxH	444x29.9x21mm
Weight	365 g
Drivers per carton	28 pcs

Wiring

Order number configuration

LED output current: in 1mA steps

Dimming curve: enter "LOG" for logarithmic, "LIN" for linear, "SLN" for soft-linear, "SQU" for square 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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