

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, 20W, 0-10V, 1 control channel, constant current, single output, long plastic

Features

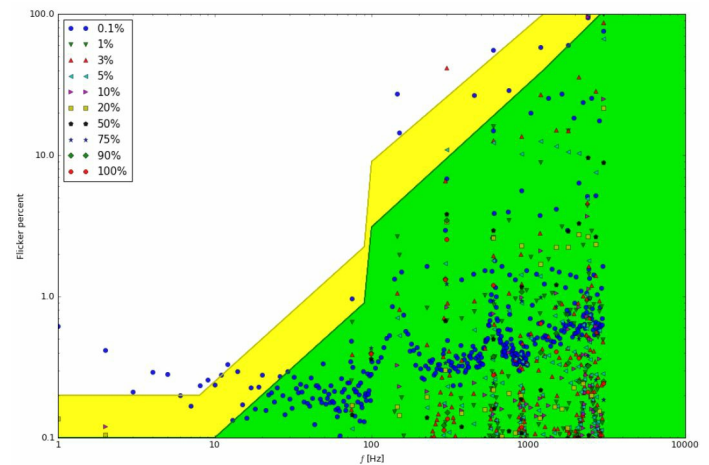
- Natural dimming, continuous to dark (Hybrid HydraDrive)
- Programmable to fit application
- Low inrush and THD

- High power factor and efficiency
- Compatible with HD studio camera

Electrical specifications

Driver type	constant current
LED outputs	1
LED output power	20W max
LED output current range	150-1,050mA (programmable)
LED output current resolution	programmable in 1mA steps
LED output voltage range	10-40V
Standby power	<0.5W
Input voltage AC	220-240V
Input current	0.15A max
Inrush current	<1A ² s
Surge protection	2kV DM, 2kV CM
Efficiency @ full load	80%
Power factor @ full load	>0.95C
THD @ full load	<20%
Dimming protocol	0-10V
Control channels	1
Ta operating range	-20 °C to +50 °C for 150-900mA -20 °C to +43 °C for >900-1050mA
Tc max	80 °C
Tc lifetime	80 °C
Lifetime @ Tc lifetime	50,000 hours
Warranty	3 years

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.

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

Europe, Rest of World
eldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son
The Netherlands
sales@eldoled.com

North America
eldoLED America
One Lithonia Way
Conyers, GA 30012
USA
nasales@eldoled.com

Certifications & standards



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

RoHS2

REACH Art. 33

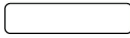
Dimensions & weight

LxWxH 160x41.5x30.5mm

Weight 125 g

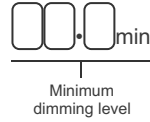
Wiring

120-277 VAC
0-10V



LED output
LEDcode / NTC

Order number configuration



P/N: SL0241A1 for bulk packaging, SL0241A1-SP for single unit packaging

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

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:	

Europe, Rest of World

eldoLED B.V.
Science Park Eindhoven 5125
5692 ED Son
The Netherlands
sales@eldoled.com

North America

eldoLED America
One Lithonia Way
Conyers, GA 30012
USA
nasales@eldoled.com