

## DUALdrive

DUALdrive is perfect for dynamic white lighting applications or for luminaires that combine task and ambient lighting. DUALdrive excels in configurability and low dimming - giving you every shade of white! Symbiosis ensures the LED driver works seamlessly together with LED modules, controls and intelligent luminaire elements.

## Product offering



### DUALdrive 561/S

Part number P/N	DL0561S1
Product description	DUALdrive AC, 50W, 0-10V, 2 control channels, constant current, 2x 55V outputs, square metal, side feed

## Features & benefits

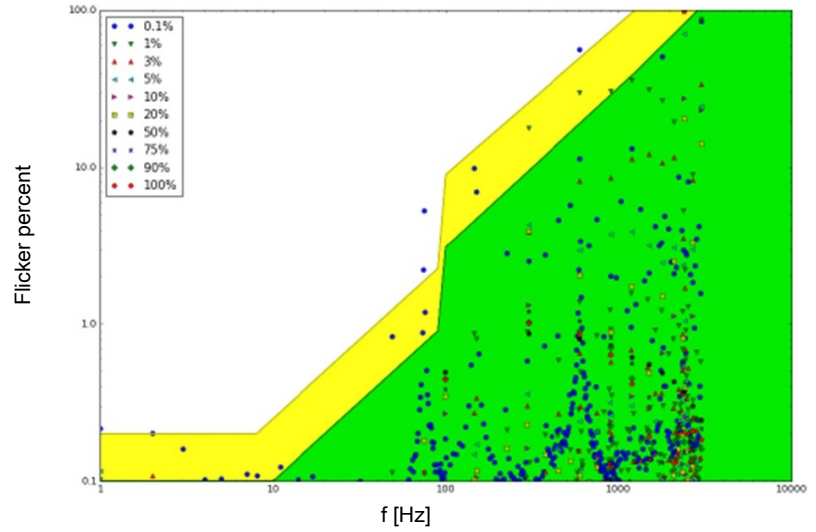
Natural dimming	Dim to dark, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level
LightShape	Tunable White: colour temperature and intensity control
Symbiosis	Seamless interoperability with LED modules, controls and in-luminaire intelligent 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:	

## 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	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	2 - 55V
Nominal input voltage range AC	120 - 277V (UL), 120 - 250V (CE)
Control protocol	0-10V LEDcode
Control channels	2

## Certifications



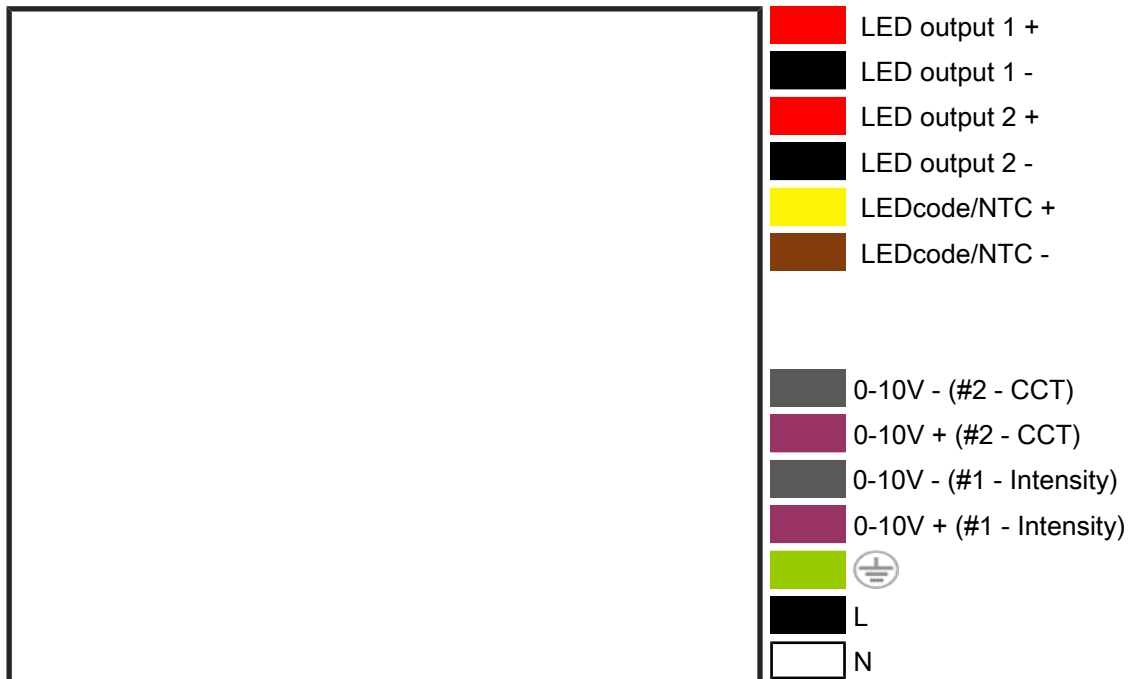
## Warranty

Warranty period [General Terms and Conditions](#)

### Dimensions, weight, packaging

Length (L)	typical: 130.4 mm / 5.13 in
Width (W)	typical: 76.5 mm / 3.01 in
Height (H)	typical: 30 mm / 1.18 in
Weight	305 g
Products per box	45 pcs

### Connector layout





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Flux optimization method	Leave blank if a consistent luminous flux output over the full CCT range is required (default); enter "MAX" if the luminous flux must be limited to a maximum value for all outputs combined.
Maximum luminous flux	If Flux optimization method is set to "MAX", specify the required lumen output, e.g. "12" for 1200lm. If left blank it is constant (default).
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.

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**Europe, Rest of World**

eldoLED B.V.  
Science Park Eindhoven 5125  
5692 ED Son  
The Netherlands

E: [info@eldoled.com](mailto:info@eldoled.com)  
W: [www.eldoled.com](http://www.eldoled.com)

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**North America**

eldoLED America  
One Lithonia Way  
Conyers, GA 30012  
USA

E: [info@eldoled.com](mailto:info@eldoled.com)  
W: [www.eldoled.com](http://www.eldoled.com)