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 1060/S

Part number P/N	DL1060S1
Product description	DUALdrive AC, 100W, DALI, 2 control channels, constant current, 4x 57V 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
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	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:	

AcuityBrands®

DUALdrive 1060/S

Electrical specifications

Driver type	constant current
Number of LED outputs	4 (UL Class 2)
Maximum LED output power	100W
Programmable LED output current range	200 - 1,050mA
LED output type	Programmable in 1mA increments within specified current range
LED output voltage range	2 - 57V
Nominal input voltage range AC	120 - 250V (ENEC)
	120 - 277V (UL)
Nominal input voltage range DC	120 - 275V
Control protocol	DALI
	LEDcode
Control channels	2

Certifications

Warranty

Warranty period	General Terms and Conditions

Dimensions, weight, packaging

Length (L)	typical: 230 mm / 9.06 in
Width (W)	typical: 80 mm / 3.15 in
Height (H)	typical: 30 mm / 1.18 in
Weight	912.5 g

Connector layout

▦	LED output 1 +
▦	LED output 1 -
▦	LED output 2 +
▦	LED output 2 -
▦	LED output 3 +
▦	LED output 3 -
▦	LED output 4 +
▦	LED output 4 -
▦	LEDcode/NTC +
▦	LEDcode/NTC -
▦	DALI -
▦	DALI +
▦	DALI -
▦	DALI +
▦	⏚
▦	L
▦	N
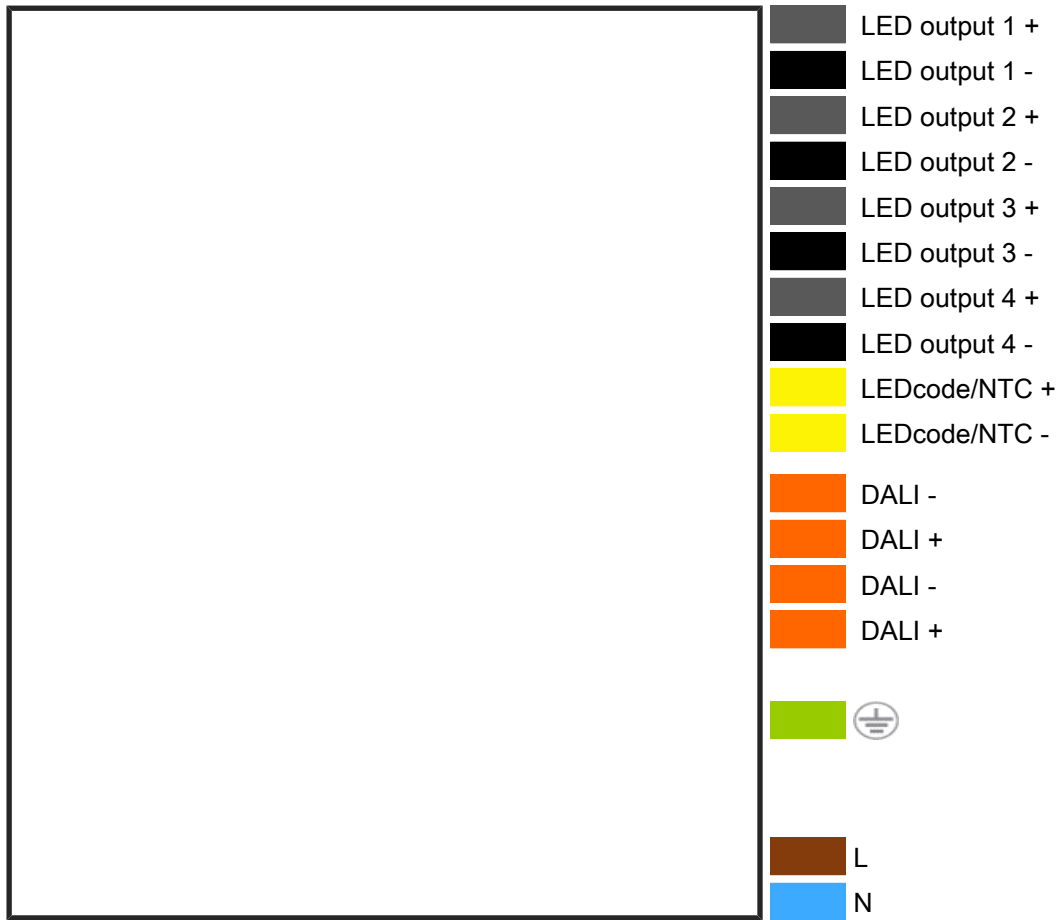
Order number configurator

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P/N   LED output current   Dimming curve   Minimum dimming level
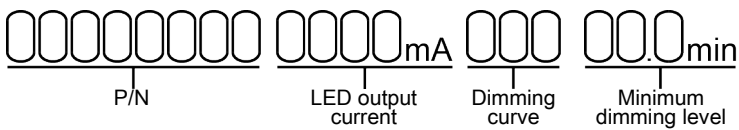
P/N	LED driver part number.
LED output current	Enter value in 1mA increments, e.g. "811" for 811mA
Dimming curve	"LOG" for logarithmic (default) "LIN" for linear
Minimum dimming level	Leave blank for default minimum dimming level of 0.1%. Specify in 0.1% increments, e.g. "10.5" for 10.5%.

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