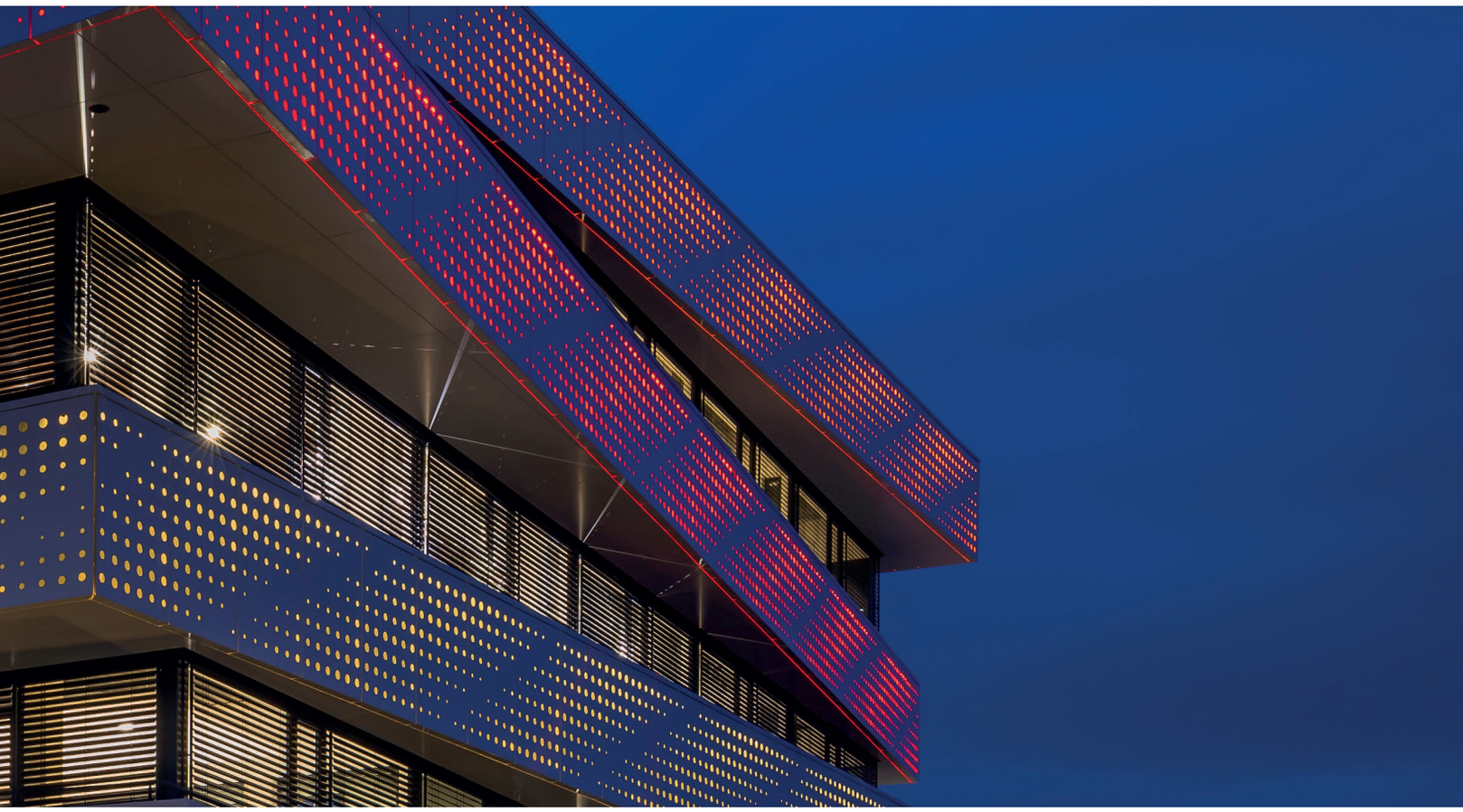
LED Driver Selection Guide

European Selection

TRONIX guided by light

Kusters Precision Parts, the Netherlands



Introduction

This selection guide – presented to you by Tronix Lighting – contains an overview of the European eldoLED driver product range. You'll find descriptions of each driver family and a clear overview to help you find the right eldoLED driver for your application.

eldoLED drivers play an essential role in the transformation of lighting because they set high standards for stable dimming, flickering and light quality. Innovation being their roaring engine, eldoLED reduces complexity, ensures reliability, and facilitates beautifully lit spaces to the max of their potential. In doing so, they contribute to the future of human centric lighting and spectrum management.

Also, eldoLED's digital driver technology makes it possible to seamlessly integrate components across a room, building or site, from source to lens or sensor. Regardless of any protocol or control system and featuring two-way communications, eldoLED drivers are a reliable constant in the design of any solution, and key to creating attractive, healthy lighting.

To guarantee best product performance and a longest possible product life span, it is of key importance to work with high quality drivers. To strengthen our product offering in high quality drivers, we have - with the utmost conviction - decided to partner up with eldoLED.

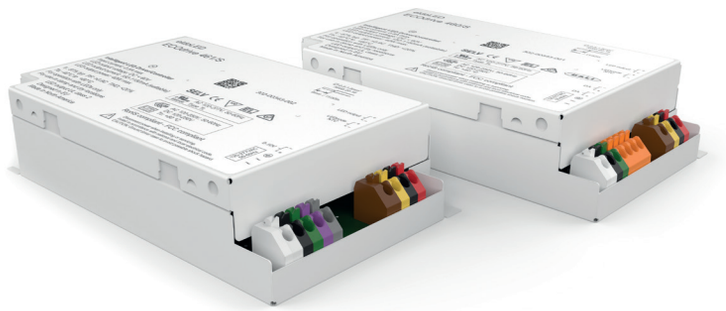
Happy searching!

Tronix Lighting, partner of eldoLED

ECOdrive

Value Delivered

Premium performance for general lighting. Smooth and flicker-safe dimming down to 1% with programmable current setting.



- Natural Dimming – Dim to 1%
- Constant Current
- DALI-2 or 0-10V controls
- LEDcode for in-luminaire intelligence
- Power levels from 10W to 100W
- For indoor applications

SOLOdrive

LED Dimming Made Beautiful

The smoothest dimming all the way to dark. With any controller, in any application. What's more, LightShape allows you to tailor the dimming curve to perfectly match your lighting application.

- Natural Dimming – Dim to Dark (0.1%)
- Constant Current
- DALI-2, 0-10V or DMX controls, single channel
- LightShape for Dim to Warm applications
- LEDcode for in-luminaire intelligence
- Power levels from 10W to 100W
- For indoor applications

DUALdrive

Every Shade Of White

Designed for dynamic and Tunable White LED lighting. DUALdrive excels in configurability, deep-dimming, and two-way digital control.

- Natural Dimming – Dim to Dark (0.1%)
- Constant Current
- DALI-2 or 0-10V controls, dual channel
- LightShape for Tunable White applications
- LEDcode for in-luminaire intelligence
- Power levels from 20W to 120W
- For indoor applications

POWERdrive

Beyond Color

Achieve more than the right color and the smoothest fade. POWERdrive is DMX and DALI compatible. In addition, it allows you to create your color or dynamic show without an external controller. POWERdrive's dynamic response allows you to fine-tune your application like no other driver!

- Natural Dimming – Dim to Dark (0.1%)
- Constant Current
- DMX / RDM or DALI controls
- RGB(W) control, in line with 3 and 4 channel configurations
- Application-specific dynamic response
- Power levels from 45W to 600W
- For indoor applications

LINEARdrive

Infinite Color Control

All the color you will ever need for low-voltage LED applications. LINEARdrive products cover applications from single color for accent and cove lighting right up to RGBW for full-color entertainment product solutions. All industry control protocols are covered: DALI, DMX/ RDM and 0-10V—you'll not run out of control options with LINEARdrive!

- Natural Dimming – Dim to Dark (0.1%)
- Constant Voltage
- DALI-2, DMX / RDM or 0-10V controls
- Designed for 12V or 24V LED tape lighting
- Application-specific dynamic response
- Power levels up to 720W
- For indoor applications
- LightShape for Dim to Warm or Tunable White applications

Bicycle tunnel with RGB lighting

Product Selector

On the next pages, you will find an overview of eldoLED's driver portfolio with a variety of options.

You can easily select the most suitable product based on the most critical elements of an LED driver:

- Driver Family
- Controls Type
- Output Power
- Form Factor
- Constant Current vs. Constant Voltage

LEDcode2

The ECOdrive, SOLOdrive and DUALdrive families support LEDcode2. Several products exclusively support LEDcode2 and do not support any other control type. These products can be used in combination with any LEDcode2 peripheral such as a Bluetooth radio, and are marked with a blue dot in the product overview.

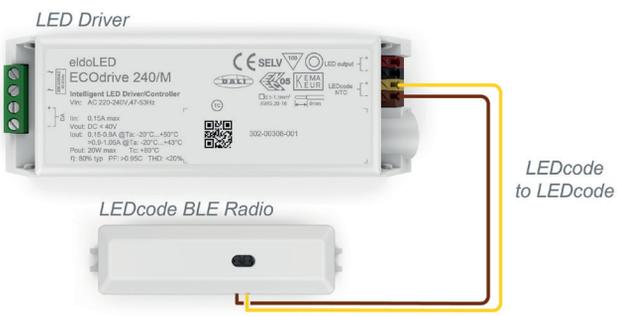
Wireless Solution With Bluetooth Radio

Wireless lighting with eldoLED is easy with our Bluetooth Low Energy (BLE) radios. eldoLED's BLE radios feature a LEDcode2 connection and are compatible with our DALI and LEDcode2-only drivers. Lighting control is easily managed using an SDK mobile application from Casambi or Atrius.

Application configurations include:

- Through-ceiling installation with integrated antenna
- In-luminaire installations with integrated or external antenna

For more information, please visit http://eldoLED.com/wireless.



A driver with Bluetooth radio (Casambi or Atrius ready)

LightShape

Our LightShape technology takes the complexity out of dynamic white lighting and allows you to create intuitive Tunable White and Dim to Warm lighting applications with standard controls, drivers and LED modules. In the product overview, you can see products that include LightShape technology for either Dim to Warm or Tunable White applications.

For more information on LightShape, please visit www.eldoled.com/lightshape.

ECOdrive

ART.NR.	CONTRO L	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	FORWARD VOLTAGE	MIN/MAX DRIVE CURRENT	DMX ADDRESS	RDM
EC0160B	DALI-2 DT6	1	10	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0160S	DALI-2 DT6	1	10	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0240A	DALI-2 DT6	1	20	A	1	AC	220-240	2-40	150 ~ 1050 mA		
EC0260B	DALI-2 DT6	1	20	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0240M	DALI-2 DT6	1	20	M	1	AC	220-240	2-40	150 ~ 1050 mA		
EC20MA-E1Z0D	DALI-2 DT6	1	20	MA	1	AC	220-240	2-40	150 ~ 1050 mA		
EC0260S2	DALI-2 DT6	1	20	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0265U	DALI-2 DT6	1	20	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0360A	DALI-2 DT6	1	30	A	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0360B	DALI-2 DT6	1	30	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0365L	DALI-2 DT6	1	30	L	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0360S3	DALI-2 DT6	1	30	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0365U	DALI-2 DT6	1	30	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC32P-D1Z0D	DALI-2 DT6	1	32	P	1	DC	48VDC	9-40	150 ~ 1050 mA		
EC0560A	DALI-2 DT6	1	50	A	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0560B	DALI-2 DT6	1	50	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0560S	DALI-2 DT6	1	50	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0565U	DALI-2 DT6	1	50	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC75L-M1M0D	DALI-2 DT6	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
EC1065M	DALI-2 DT6	1	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
EC1065S2	DALI-2 DT6	1	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		
ECO015D	DMX	1-4	15	D	4	DC	12/24/32	11-31	200 ~ 500 mA	1-4	
ECO030D	DMX	1-4	30	D	4	DC	12/24/32	11-31	200 ~ 1050 mA	1-4	
ECO045D	DMX	1-4	45	D	4	DC	12/24/32	11-31	200 ~ 1400 mA	1-4	
EC0161B	0-10V	1	10	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0161S	0-10V	1	10	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0241A	0-10V	1	20	A	1	AC	220-240	2-40	150 ~ 1050 mA		
EC0261B	0-10V	1	20	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0241M	0-10V	1	20	M	1	AC	220-240	2-40	150 ~ 1050 mA		
EC20MA-E1Z0A	0-10V	1	20	MA	1	AC	220-240	2-40	150 ~ 1050 mA		
EC0261S	0-10V	1	20	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0266U	0-10V	1	20	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0361A	0-10V	1	30	A	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0361B	0-10V	1	30	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0366L	0-10V	1	30	L	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0361S	0-10V	1	30	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0366U	0-10V	1	30	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0561A	0-10V	1	50	A	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0561B	0-10V	1	50	B	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0561S	0-10V	1	50	S	1	AC	120-277	2-55	150 ~ 1400 mA		
EC0566U	0-10V	1	50	U	1	AC	120-277	2-55	150 ~ 1400 mA		
EC75L-M1M0A	0-10V	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
EC1066M	0-10V	1	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
EC1066S	0-10V	1	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		

SOLOdrive

ART.NR.	CONTROL	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	FORWARD VOLTAGE	MIN/MAX DRIVE CURRENT	DMX ADDRESS	RDM
SL0160B	DALI-2 DT6	1	10	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0160S	DALI-2 DT6	1	10	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0240A	DALI-2 DT6	1	20	A	1	AC	220-240	2-40	150 ~ 1050 mA		
SL0260B	DALI-2 DT6	1	20	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0240M	DALI-2 DT6	1	20	M	1	AC	220-240	2-40	150 ~ 1050 mA		
SL20M-E2Z0D	DALI-2 DT6	1	20	M	2	AC	220-240	2-40	150 ~ 1050 mA		
SL20MA-E1Z0D	DALI-2 DT6	1	20	MA	1	AC	220-240	2-40	150 ~ 1050 mA		
SL20MA-E2Z0D	DALI-2 DT6	1	20	MA	2	AC	220-240	2-40	150 ~ 1050 mA		
SL0260S	DALI-2 DT6	1	20	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0265U	DALI-2 DT6	1	20	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0260U	DALI-2 DT6	1	20	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL20U-M2Z0D	DALI-2 DT6	1	20	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0360A	DALI-2 DT6	1	30	A	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0360B	DALI-2 DT6	1	30	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0365L	DALI-2 DT6	1	30	L	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0360S	DALI-2 DT6	1	30	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL30S-M1Z0D	DALI-2 DT6	1	30	S	1	AC	120-277	2-42	150 ~ 1400 mA		
SL0365U	DALI-2 DT6	1	30	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0360U	DALI-2 DT6	1	30	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL30U-M2Z0D	DALI-2 DT6	1	30	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0563A	DALI-2 DT6	1	50	A	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0560A	DALI-2 DT6	1	50	A	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0563B	DALI-2 DT6	1	50	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0565L	DALI-2 DT6	1	50	L	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0560L	DALI-2 DT6	1	50	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL50L-M1M0D	DALI-2 DT6	1	50	L	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0563S	DALI-2 DT6	1	50	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0560S	DALI-2 DT6	1	50	S	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0565U	DALI-2 DT6	1	50	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0560U	DALI-2 DT6	1	50	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL50-M1A0D	DALI-2 DT6	1	50	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL50-M2Z0D	DALI-2 DT6	1	50	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL75-M1A0D	DALI-2 DT6	1	75	B	1	AC	120-277	2-55	700 ~ 2100 mA		
SL75-M2A0D	DALI-2 DT6	1	75	B	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0765L	DALI-2 DT6	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
SL75L-M1M0D	DALI-2 DT6	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
SL0760L	DALI-2 DT6	1	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL75L-M2A0D	DALI-2 DT6	1	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL1065M	DALI-2 DT6	1	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
SL1065S	DALI-2 DT6	1	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		
SL32P-D1Z0D	DALI-2 DT6	1	32	P	1	DC	48VDC	9-40	150 ~ 1050 mA		
SL32P-D2Z0D	DALI-2 DT6	1	32	P	2	DC	48VDC	9-40	150 ~ 1050 mA		
SL30B-M1Z0X	DMX	1	30	B	1	AC	120-277	2-42	150 ~ 1400 mA	1	Yes
SL30S-M1Z0X	DMX	1	30	S	1	AC	120-277	2-42	150 ~ 1400 mA	1	Yes
SL0161B	0-10V	1	10	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0161S	0-10V	1	10	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0241A	0-10V	1	20	A	1	AC	220-240	2-40	150 ~ 1050 mA		
SL0261B	0-10V	1	20	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0241M	0-10V	1	20	M	1	AC	220-240	2-40	150 ~ 1050 mA		
SL20MA-E1Z0A	0-10V	1	20	MA	1	AC	220-240	2-40	150 ~ 1050 mA		
SL0261S	0-10V	1	20	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0266U	0-10V	1	20	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0261U	0-10V	1	20	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0361A	0-10V	1	30	A	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0361B	0-10V	1	30	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0366L	0-10V	1	30	L	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0361S	0-10V	1	30	S	1	AC	120-277	2-55	150 ~ 1400 mA		

SOLOdrive

ART.NR.	CONTROL	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	FORWARD VOLTAGE	MIN/MAX DRIVE CURRENT	DMX ADDRESS	RDM
SL0366U	0-10V	1	30	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0564A	0-10V	1	50	A	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0561A	0-10V	1	50	A	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0564B	0-10V	1	50	B	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0566L	0-10V	1	50	L	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0561L	0-10V	1	50	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0564S	0-10V	1	50	S	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0561S	0-10V	1	50	S	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0566U	0-10V	1	50	U	1	AC	120-277	2-55	150 ~ 1400 mA		
SL0561U	0-10V	1	50	U	2	AC	120-277	2-55	150 ~ 1400 mA		
SL0766L	0-10V	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
SL0761L	0-10V	1	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL75L-M1M0A	0-10V	1	75	L	1	AC	120-277	2-55	700 ~ 2100 mA		
SL75L-M2A0A	0-10V	1	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
SL1066M	0-10V	1	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
SL1066S	0-10V	1	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		

DUALdrive

ART.NR.	CONTROL	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	FORWARD VOLTAGE	MIN/MAX DRIVE CURRENT	DMX ADDRESS	RDM
DL20M-E2Z0C	DALI-2 DT8(Tc)	2	20	M	2	AC	220-240	2-40	150 ~ 1050 mA		
DL20M-E2Z0D	DALI-2 DT6	2	20	M	2	AC	220-240	2-40	150 ~ 1050 mA		
DL20MA-E2Z0C	DALI-2 DT8(Tc)	2	20	MA	2	AC	220-240	2-40	150 ~ 1050 mA		
DL20MA-E2Z0D	DALI-2 DT6	2	20	MA	2	AC	220-240	2-40	150 ~ 1050 mA		
DL0260U	DALI-2 DT6	2	20	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0262U	DALI-2 DT8(Tc)	2	20	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0360U	DALI-2 DT6	2	30	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0362U	DALI-2 DT8(Tc)	2	30	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL32P-D2Z0C	DALI-2 DT8(Tc)	2	32	P	2	DC	48	9-40	150 ~ 1050 mA		
DL32P-D2Z0D	DALI-2 DT6	2	32	P	2	DC	48	9-40	150 ~ 1050 mA		
DL0560A	DALI-2 DT6	2	50	A	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0562A	DALI-2 DT8(Tc)	2	50	A	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0560L	DALI-2 DT6	2	50	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0562L	DALI-2 DT8(Tc)	2	50	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0560S	DALI-2 DT6	2	50	S	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0562S	DALI-2 DT8(Tc)	2	50	S	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0560U	DALI-2 DT6	2	50	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0562U	DALI-2 DT8(Tc)	2	50	U	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0760L	DALI-2 DT6	2	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL0762L	DALI-2 DT8(Tc)	2	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL75L-M2A0C	DALI-2 DT8(Tc)	2	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL75L-M2A0D	DALI-2 DT6	2	75	L	2	AC	120-277	2-55	150 ~ 1400 mA		
DL1062M	DALI-2 DT8(Tc)	2	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
DL1065M	DALI-2 DT6	2	100	M	2	AC	120-277	2-55	150 ~ 1400 mA		
DL1062S	DALI-2 DT8(Tc)	2	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		
DL1065S	DALI-2 DT6	2	100	S	2	AC	120-277	2-55	150 ~ 1400 mA		
DL1290M	DALI-2 DT6	2	120	M	2	AC	220-240	60-90	150 ~ 1400 mA		
DL0561S	0-10V	2	50	S	2	AC	120-277	2-55	150 ~ 1400 mA		

POWERdrive

ART.NR.	CONTROL	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	FORWARD VOLTAGE	MIN/MAX DRIVE CURRENT	DMX ADDRESS	RDM
PW50S-M4Z0X	DMX	1-4	50	S	4	AC	120-277	2-55	200 ~ 1400 mA	1-4	Yes
PW50SA-M4Z0X	DMX	1-4	50	SA	4	AC	120-277	2-55	200 ~ 1400 mA	1-4	Yes
PW50U-M4Z0X	DMX	1-4	50	U	4	AC	120-277	2-55	200 ~ 1400 mA	1-4	Yes
PW1061M	DMX	1-4	100	M	4	AC	120-277	2-57	200 ~ 1050 mA	1-4	Yes
PWR045D	DMX/DALI DT6	1-4	45	D	4	DC	12/24/32	11-31	200 ~ 500 mA	1-4	Yes
PWR090D	DMX/DALI DT6	1-4	90	D	4	DC	12/24/32	11-31	200 ~ 1050 mA	1-4	Yes
PWR1060A	DMX/DALI DT6	1-4	100	A	4	AC	120-277	2-57	200 ~ 1050 mA	1-4	Yes
PWR106M	DMX/DALI DT6	1-4	100	M	4	AC	120-277	2-57	200 ~ 1050 mA	1-4	Yes
PWR106S	DMX/DALI DT6	1-4	100	S	4	AC	120-277	2-57	200 ~ 1050 mA	1-4	Yes
PW1061S	DMX	1-4	100	S	4	AC	120-277	2-57	200 ~ 1050 mA	1-4	Yes
PWR180D	DMX/DALI DT6	1-4	180	D	4	DC	12/24/32	11-31	200 ~ 1400 mA	1-4	Yes
PW6060R	DMX/DALI DT6/0-10V	1-32	600	R	32	AC	120-240	5-48	200 ~ 1050 mA	1-32	Yes

LINEARdrive

ART.NR.	CONTROL	CONTROL HANDELS	OUTPUT POWER	FORM FACTOR/ TYPE	LED OUTPUTS	INPUT TYPE	INPUT VOLTAGE	OUTPUT VOLTAGE	DMX ADDRESS	RDM
LIN210D	DALI DT6	1	200	D	2	DC	12/24/28	12/24/28		
LN200D-D2Z1D	DALI DT6	1	200	D	2	DC	12/24/28	12/24/28		
LIN220D	DALI DT6	2	200	D	2	DC	12/24/28	12/24/28		
LN200D-D2Z2C	DALI DT8(Tc)	2	200	D	2	DC	12/24/28	12/24/28		
LN200D-D2Z2D	DALI DT6	2	200	D	2	DC	12/24/28	12/24/28		
LIN100D	DMX	1-4	100	D	4	DC	12/24/28	12/24/28	1-4	Yes
LIN180D	DMX	1-4	180	D	4	DC	12/24/28	12/24/28	1-4	Yes
LIN212D	DMX	1	200	D	2	DC	12/24/28	12/24/28	1	Yes
LIN222D	DMX	2	200	D	2	DC	12/24/28	12/24/28	2	Yes
LIN100A	DMX/DALI DT6	1-4	100	A	4	AC	120-277	12-24	1-4	Yes
LIN100M	DMX/DALI DT6	1-4	100	M	4	AC	120-277	12-24	1-4	Yes
LIN100S	DMX/DALI DT6	1-4	100	S	4	AC	120-277	12-24	1-4	Yes
LIN720D	DMX/DALI DT6	1-4	720	D	4	DC	12/24/48	12/24/48	1-4	Yes
LIN211D	0-10V	1	200	D	2	DC	12/24/28	12/24/28		

d'n Office co-working space, the Netherlands

Standards and Certifications

ENEC (Europe)
ENEC is the safety certification for Europe and defines requirements for preventing electrical shock and fire.

There are two categories:
ENEC label
- A standard ENEC label indicates that the LED driver has passed the standard ENEC safety test with AC mains voltage
- The standard reference is EN61347-1
- The digits in the label ('05') are the lab indentification number

EL label
- An EL label indicates that the driver has also passed the test with DC mains voltage for emergency lighting
- The standard reference is EN-61347-2-13

CE
CE marking is an administrative marking with which the manufacturer or importer affirms its conformity with European health, safety and environmental protection standards for products sold within the European Economic Area. It is not a quality indicator or a certification mark.

Protocols

DALI-2
DALI-2 is an international standard for the DALI dimming protocol. Compared to DALI DT6 devices current on the market, DALI-2 certified components bring the promise of significantly improved interoperability and additional functionality.

For more information: https://www.digitalilluminationinterface.org/certification/

DMX
The international standard reference for DMX dimming is ANSI E1.20 and E1.11 – 2008, USITT DMX512-A.

0-10V Dimming
The international standard for 0-10V dimming is IEC 60929 annex E; for Europe EN 60929 annex E.
Compliance of eldoLED drivers:

- Below 0.6V: enabling standby mode
- From 0.6V to 10V: with IEC/EN 60929 annex E

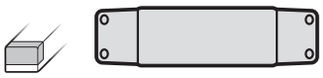
Casambi
Protocol for wireless communication, based on Bluetooth Low Energy. A wireless mesh network can be created to control the fixtures that are included.

Pulse Dimming
Pulse dimming is a feature on eldoLED DALI drivers that enables easy switching and dimming.
Pulse dimming uses standard mains voltage (max 250V AC) switches for lighting control.

MAINSTAGE Brabanthallen, the Netherlands

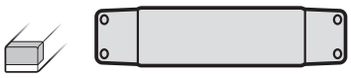
Form Factor Overview

A



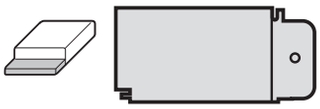
20W, single channel driver:
161 x 42 x 31mm

20W, single channel driver:
slim housing: 151 x 42 x 28mm



20W, dual channel driver:
183 x 42 x 31mm

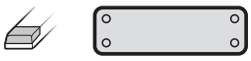
30W: 210 x 41 x 34mm



50W: 153 x 76 x 31mm

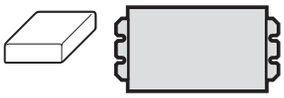
100W: 388 x 42 x 30mm

POWERdrive 45W, 90W, 180W (DC product): 193 x 50 x 23mm

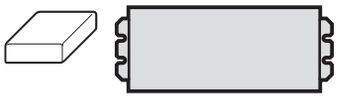


ECOdrive 15W, 30W, 45W and LINEARdrive 180W, 200W, 720W (DC product): 153 x 50 x 23mm

B



10W, 20W, 30W, 50W: 130 x 72 x 35mm



75W: 174 x 72 x 29mm

L

30W, 50W: 320 x 30 x 26mm

75W: 424 x 30 x 27mm

M

20W, single channel driver: 129 x 42 x 31mm

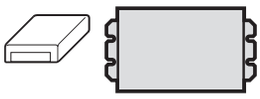
20W dual channel driver: 184 x 42 x 31mm

100W, 120W: 370 x 41 x 30mm

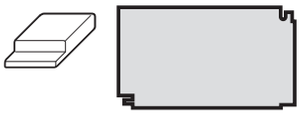
P

32W: 136 x 15 x 12mm

S



10W, 20W, 30W: 130 x 72 x 35mm



50W: 130 x 76 x 30mm

100W: 230 x 80 x 30mm

U

20W, 30W: 280 x 30 x 21mm

50W: 444 x 30 x 21mm

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2022-TR-01

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