DALI & PUSH dimmable LED driver

Installation and user instructions | Constant current |10 / 20 / 40 / 60 W

Safety and installation

WARNING - Risk of electric shock
Isolate mains power at the circuit breaker before installing, wiring or inspecting the driver.



Before installation

- Installation must be carried out by a qualified electrician.
- Inspect the driver; do not install a damaged unit.
- Keep the product and accessories away from children.
- Install in a ventilated area, away from excessive heat.
- Select the correct current for the connected LED load.

Driver specifications

Input: 100-277 V AC

Output: constant current, DIP-selectable

Dimming: 0.1-100% | DALI-2 and PUSH

Protection: IP20 (all models)

Models

10 W ELED-10-C100/450DP2 135 x 30 x 20 mm

20 W ELED-20-C250/700DP2 159.5 x 43 x 20 mm 40

W ELED-40-C300/1400DP2 171.5 x 54 x 20 mm 60 W

ELED-60-C600/2100DP2 192.5 x 62 x 24 mm

DIP switch current settings

Select the required output current using the DIP switches.
Use the original settings and rating tables shown below.

DIP MULTIPLE CURRENT FORM

ELED-10-C100/450DP2



1 2 3								
ON	OFF	100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA
		3-42V	3-42V	3-42V	3-40V	3-33V	3-29V	3-25V	3-22V
Rated power		4.2W	6.3W	8.4W	10W	10W	10W	10W	10W
Full Load Efficiency		78%	78%	78%	78%	78%	78%	78%	78%

ELED-20-C250/700DP2



1 2 3									
ON	OFF	250mA	350mA	400mA	450mA	500mA	550mA	600mA	700mA
		3-42V	3-42V	3-42V	3-42V	3-40V	3-36V	3-33V	3-28V
Rated power		10.5W	14.7W	16.8W	18.9W	20W	19.8W	19.8W	20.3W
Full Load Efficiency		83%	83%	83%	83%	83%	83%	83%	83%

ELED-40-C300/1400DP2



1 2 3 4																			
ON	OFF	300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA		
		3-65V	3-65V	3-65V	3-65V	3-65V	3-65V	3-65V	3-62V	3-57V	3-50V	3-45V	3-40V	3-37V	3-34V	3-31V	3-29V		
Rated power		19.5W	22.8W	26W	29.3W	32.5W	35.8W	39W	40W	40W	40W	40W	40W	40W	40W	40W	40W		
Full Load Efficiency		86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%		

ELED-60-C600/2100DP2



1 2 3 4																			
ON	OFF	600mA	700mA	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA	1600mA	1700mA	1800mA	1900mA	2000mA	2100mA		
		3-65V	3-65V	3-65V	3-65V	3-60V	3-54V	3-50V	3-46V	3-43V	3-40V	3-38V	3-35V	3-33V	3-32V	3-30V	3-29V		
Rated power		39W	45.5W	52W	58.5W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W		
Full Load Efficiency		86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%		

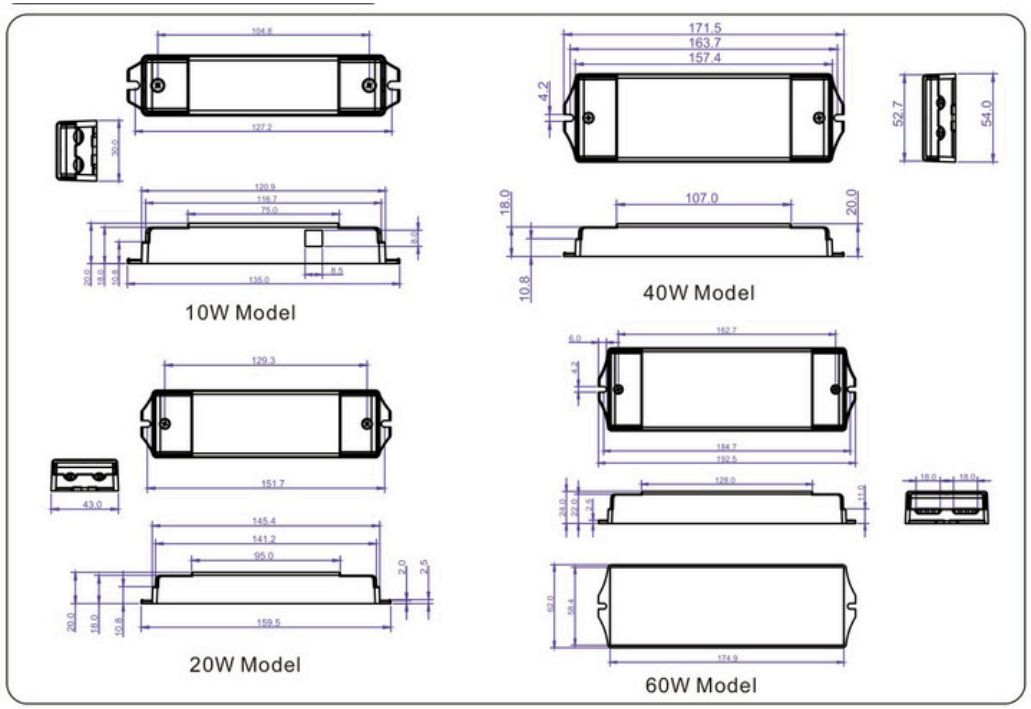
Check the LED load requirements before changing settings.

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Mechanical dimensions, wiring and operation

Mechanical dimensions

Original 10 W, 20 W, 40 W and 60 W drawings - unchanged.



Important

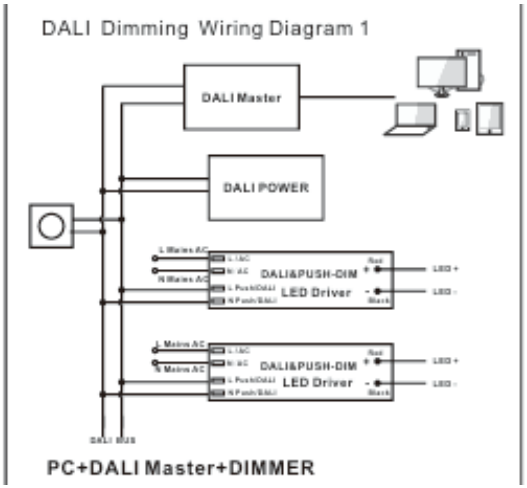
Follow terminal markings on the actual driver.

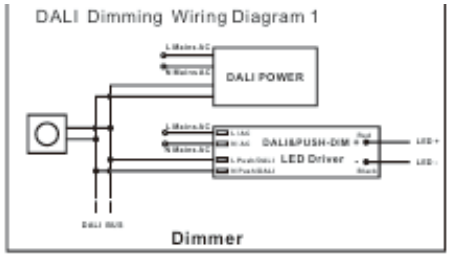
Incorrect wiring may damage the product.

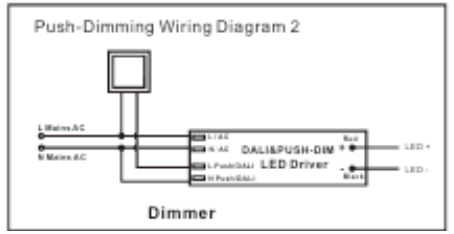
Installation by a qualified electrician only.

Wiring diagrams

Original DALI and PUSH wiring diagrams - unchanged.







Control connections

DALI: Connect the DALI terminals to the DALI bus.
The DALI control connection is non-polarised.
PUSH: Connect DA/N to AC neutral (N) and DA/L to the push-dim switch on live (L).

Final checks

- Do not interchange mains L/AC and N/AC.
- Check wiring and LED polarity before power on.
- Ensure adequate ventilation for heat dissipation.
- Isolate power before investigating any fault.