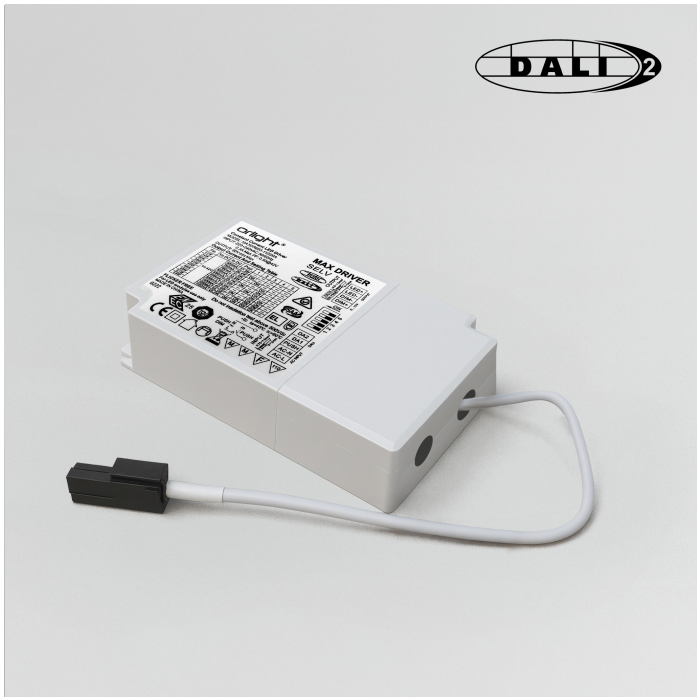


MAXDR650-1100MA

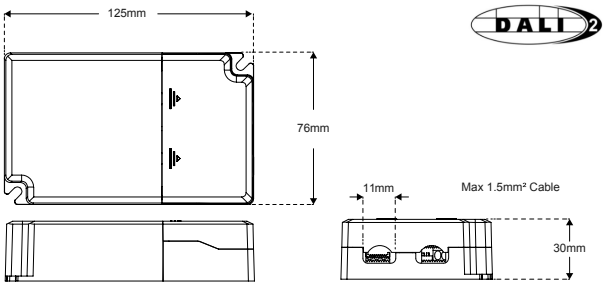
ITEM NO. DRIVER - 11886

MAXDR650 is a constant current LED driver. Its design features DALI-2, Push-DIM and 0-10V.

Input: 220-240VAC ~ 50-60Hz
Output: 650-1100mA, 50V Max



Dimension



Technical Specifications

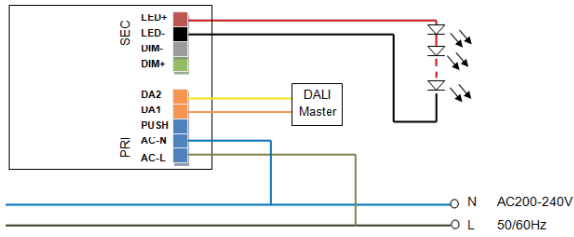
Dimming Options	DALI; Push-DIM; 1-10V
Type	Constant Current
Voltage Range	14-42V
Input Voltage	220-240VAC
Input Frequency	50-60Hz
In-Rush Current	35A @ 40µs
Output Voltage	50V Max
Lifetime	>50,000 hours
IP Rated	IP20
Ta	-20°C ~ +45°C
Tc	90°C
THD	<7%
Glow Wire Test	850°C for 5S; 650°C for 30S

DALI Standard
IEC 62386-101: 2014. IEC 62386-102; 2014,
IEC 62386-207: 2009, DALI-2

Output Current	650mA	700mA	750mA	800mA	850mA	900mA	950mA	1000mA	1050mA	1100mA
Output Power	27.3W	29.4W	31.5W	33.6W	37.8W	37.8W	39.9W	42W	44.1W	46.2W

MAXDR650-1100MA

Circuit Diagram: DALI



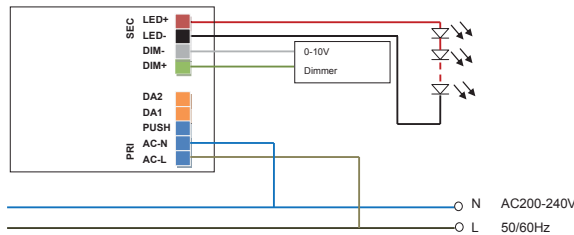
Compatible with both DALI-2 application controllers or DALI-1 master.

DALI signal to the DA1 and DA2 terminals are polarity-free.

Addressing:

- Max 64 IP addresses.
- Max. 16 Groups
- Dimming Range 1-100%

Circuit Diagram: 1-10V

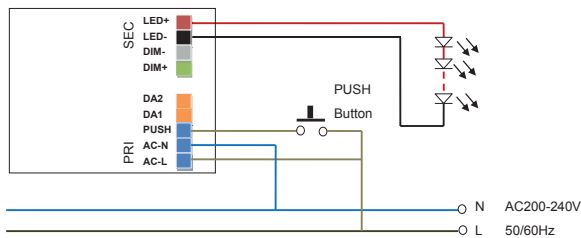


Compatible with both passive and active 1-10V dimmers.

Connect the 1-10V Master as per wire schematic, then you can dim using a 1-10V dimmer.

The maximum permissible length of the control line is 100M.

Circuit Diagram: Push-DIM



Do not use more than 20 MAXDR650 in a single push-DIM application.

B) The cable length between the push-button and the farthest MAX-DR650 may not be longer than 105M. Compensation measures must be applied for line lengths required to be more than 25M long.

Operation	Action Duration	Action
Briefly Press	0.04-0.5 sec	Light ON/OFF
Press & hold at ON status	0.50-5.0 sec	Brightness Dimming down to 2%, or up to 100%
Press & hold at OFF status	0.50-5.0 sec	Brightness Dimming from 2%, up to 100%

Parallel Wiring

