

ML30C-PD DALI LED Driver

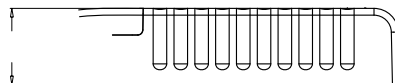
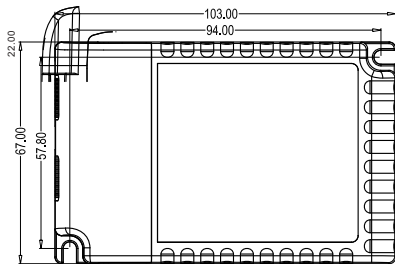
30W



- Multi output current and voltage selectable via DIP switch
- Primary dimming with PUSH button
- Built-in DALI interface
- Protection: Short circuit / Over voltage / Over temperature
- Press-in terminals in primary and secondary side, easy assembly
- Dimming level memory at mains restores.
- Power supplies synchronization function up to 15 units.



SPECIFICATIONS



unit:mm

Model	ML30C-PD, 1x30W	
Rated voltage	220-240V AC, 50/60Hz	
Input current	0.16A max.	
Power factor	>0.9	
Output voltage	68V DC max.	
Operating temperature	Ta: 50°C Tc: 85°C	
Output current /voltage & load	250mA 16~60V DC 15W max	350mA 16~60V DC 21W max
	400mA 16~60V DC 24W max	450mA 16~60V DC 27W max
	500mA 16~58V DC 29W max	550mA 16~55V DC 30W max
	600mA 16~50V DC 30W max	700mA 16~43V DC 30W max
Abnormal protection	Output short-circuit protection with auto reset	
Overheating protection	Overheating protection with auto rest	
EMC standard	EN55015, EN61547	
Safety standard	EN61347-1, EN61347-2-13	
DALI standard	IEC62386-101, IEC62386-102, IEC62386-207	
Certification	CE	
Dims	103 x 67x 22 mm	
Protection class	IP20, built-in type	

APPLICATION



Push dim



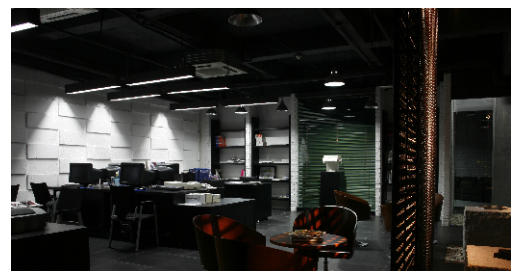
Dimming level memory at mains restore



Optional output current



5 Years Guarantee



OUTPUT SELECTION

CONNECTION

1. Start with setting the output current/voltage. The current/voltage can be easily configured by choosing the correct combination of the DIP switches (see table, fig. A).

Push button Switch for Dimming

- On/Off: short push (0.1-1s) on the switch.
- Stepless dimming: Long push (>1s) on the switch.
- for fine tuning of light level: With every other long push, the light level goes the opposite direction.
- Built-in with permanent memory: Light returns to the previous dimming level when switched off and on again, even at power failure.

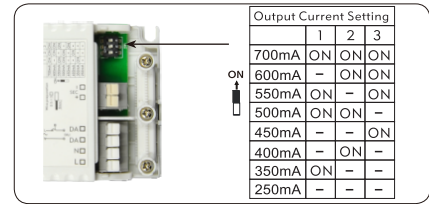


Fig. A

Synchronization FOR PUSH-CONTROL MODE ONLY

Up to 15 pcs drivers can be connected to the same switch, thanks to the programme. This means there is no need for any additional synchrony wire in larger installations, where many drivers should be controlled by one switch.

For the synchronization to work correctly when more than one driver is connected to the same push button, please follow the step below after the drivers are connected:

Do a long push (>15s), the system will now be synchronized

The LED driver supports push dimming function. Push-control and DALI interface can not be connected simultaneously.

WIRING SCHEME

