

short form data

LED mini-dim-flash 30W

12 & 24V inline dimmer & flasher unit



Description

LED mini-dim-flash is a simple, reliable and economical to use, inline PWM dimmer & flasher module is and supplied with flying-leads for a simple 'inline' connection.

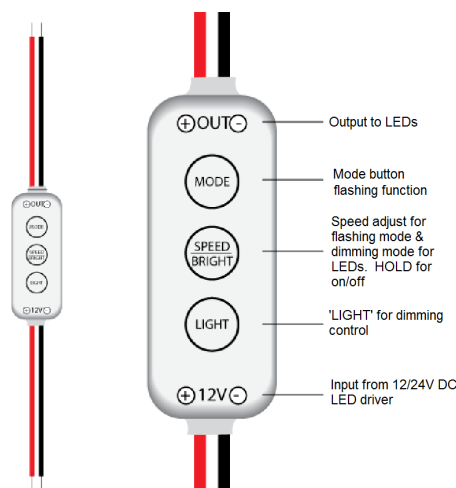
Two versions are available 1) with remote handset and 2) with dimmer/flasher module only. Both comprise user controls of both brightness and flashing modes.

Using the remote handset, via the Mode + and Mode - buttons the user can adjust brightness or flashing functions. Access pre-set brightness levels 100, 50 and 25% or in smaller steps via Bright + & Bright - buttons. In flashing mode, the user can select the rate or flash via Speed - and Speed + buttons. In the event of temporary power-off / power failure, LED mini-dim-flash recalls the last selected setting and resumes the brightness / flash rate program.



1) LMD1 version supplied with a remote control handset

- 12V & 24V depending on driver voltage
- Dimming method: Pulse Width Modulation
- 2.5A @ 12V or 1.25A @ 24V: 30W max power
- Two versions: 1) remote control + inline module and 2) inline dimmer flasher module only
- Module is weather resistant
- Simple installation & inline connection
- Remote handset: 1pce CR2032 'coin' battery



2) LMD2 module only with push-buttons

Applications

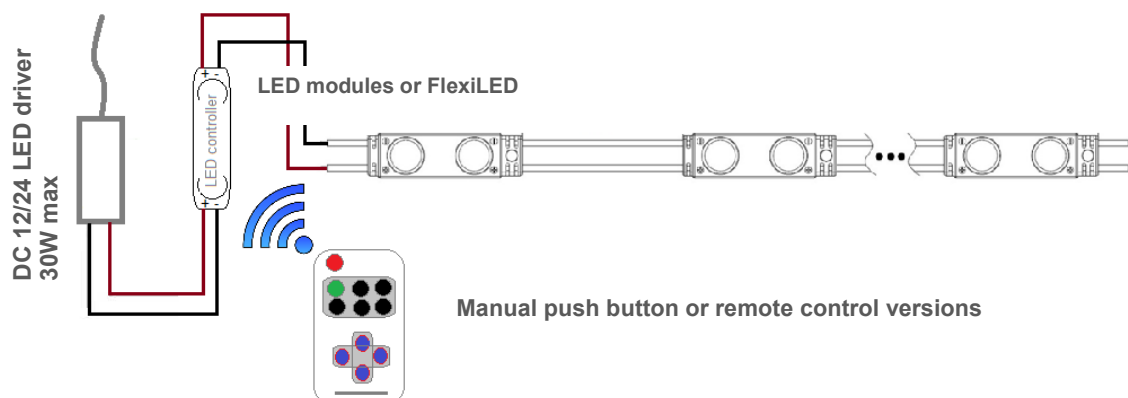
Low power, manual dimming control of 12 or 24V d.c. single colour LED arrays up to 30W.

Compliance

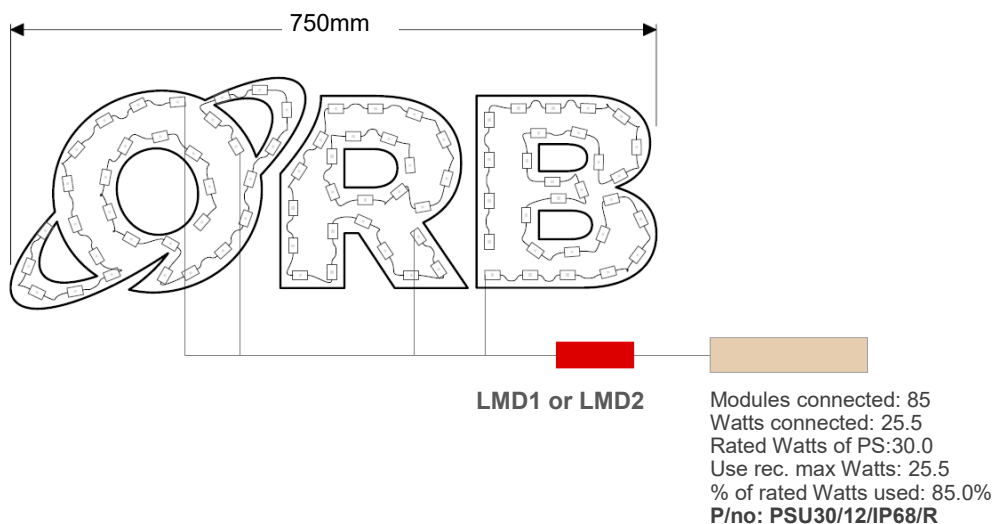
RoHS

Connections

A low-voltage power supply unit (PSU) is required and is shown in the diagram but not included with this item. Use a 12V d.c. or 24V d.c. constant voltage supply appropriate for the LED modules used.



Below is an example of a suitable illuminated sign with dimming or flashing functions provided by this unit



Flying-lead connection. Do not connect with reverse polarity. Do not overload. Unsuitable for constant current PSUs and LEDs (e.g. 350mA, 700mA Super Orbis LED) operation. Avoid direct sun or weather exposure. Avoid short circuit. Connect output to load first. Use only with Oshino LED drivers which are fitted with necessary safety devices. Does not switch driver off and switching of the normal 'mains' supply to the sign must be done at the primary of the LED driver. Do **NOT** connect to the normal 'Mains' supply.

LMD1 remote version is intended for single unit, standalone use; although controllers and remote handsets are NOT 'keyed alike' (and spare remote handsets are not available to replace lost handsets) it is possible that multiple pairs of controllers and remote handsets may conflict and interfere with neighbouring pairs within range.

Part nos. and descriptions

- 1) **LMD1 30W LED mini-dim-flash module and remote handset** push-button dimmer / flasher module for 12/24V LED constant voltage modules / strip up to 30W max
- 2) **LMD2 30W LED mini-dim-flash module only inline push-button manual** dimmer / flasher module for 12/24V LED constant voltage modules / strip up to 30W DC max



Warranty: 1 year, limited | Dimensions in millimetres | Data subject to our Terms and Conditions and are liable to change without notice | E&OE | © OSHINO Sept 20



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