REMOTE DIMMABLE DRIVERS

Luceco dimmable drivers are compatible with DALI Digital, DSI and switch Dim applications. Some installations may use analogue type dimming systems such as 1-10V this application is not compatible with out standard dimmable drivers. Special drivers can be provided on request.
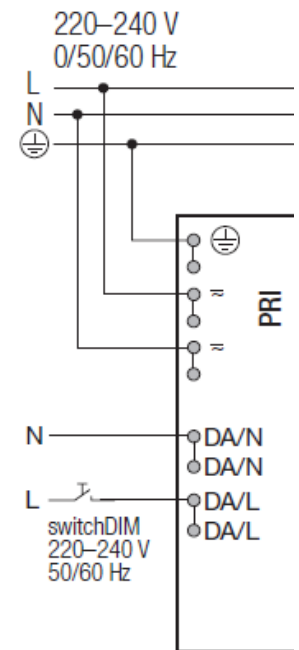
DIGITAL DSI/DALI - SWITCH DIM WIRING

Switch Dim is a way of wiring a DSI/DALI driver for simple dimming via a switch. The luminaire needs a permanent Live (this can be taken from an emergency supply feed), Earth (if marked) and Neutral connection. Then a switch live terminated into the terminal marked DA/L an additional permanent neutral connection must also be connected to the DA/N terminal.

Use only a mains voltage rated **push-to-make re-tractive switch (as BG G14 grid switch)** do not use a standard light switch.

The maximum recommended number of drivers that can be connected to one switch is 25 drivers.

On initial installation the luminaires may operate out of sync (some dim up and some dim down when the button is pressed) to resynchronise the luminaires press and hold the re-tractive switch in for 10 seconds.

Should a luminaire fail to switch off and seem to be stuck at roughly 10% output it maybe in corridor mode. To reset the driver, press the re-tractive switch five times within a 3 second period effectively toggling the lights on and off.

220–240 V 0/50/60 Hz — L, N, Earth — PRI — N, DA/N, DA/N, L, DA/L, DA/L — switchDIM 220–240 V 50/60 Hz
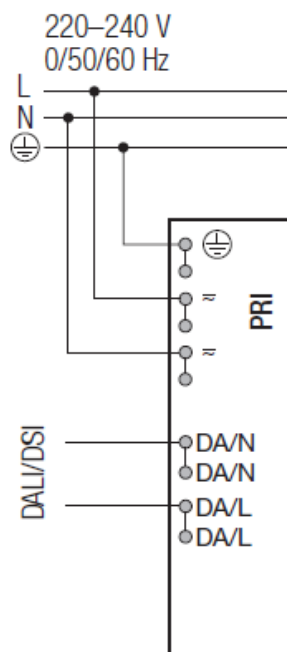
DIGITAL DSI/DALI - WIRING

Digital dimming products are typically DSI (Digital Serial Interface) and DALI (Digital Addressable Lighting Interface) compatible.

They have two dimming connections and can be standalone products wired to sensors/switches or wired on a DALI BUS system.

DALI systems can be used on programmable building management systems. Each driver is addressable and by wiring all the addressable items together on a DALI BUS luminaires can be addressed individually or in groups. A maximum of 64 DALI devices can be connected on each DALI BUS.

DALI can provide features such as complex switching arrangements, monitoring and testing the lights. Typically, the system is run off a computer.

Please note, the LED3EP80 emergency pack is not DALI emergency. DALI Emergency packs are available on special request.

220–240 V 0/50/60 Hz — L, N, Earth — PRI — DALI/DSI — DA/N, DA/N, DA/L, DA/L

> *If you wish to use any other dimming functions (like 1-10V) please contact our technical support team on 01952 238153 or at technical@luceco.com*