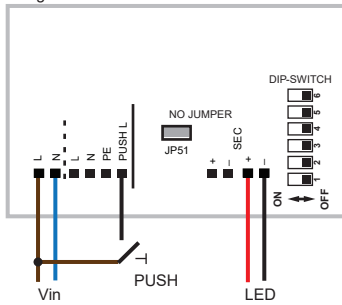


LED Gear 1050-2100mA 45-50W PD/L+Tre

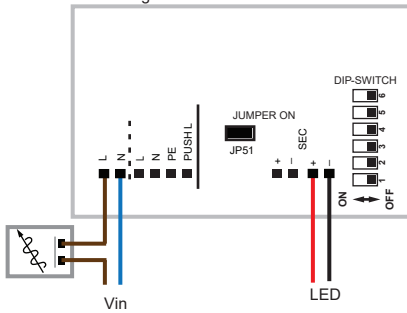
12405730



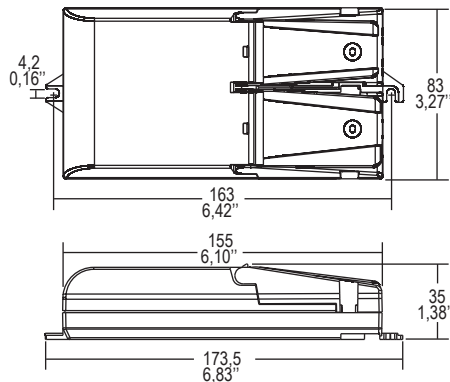
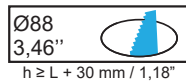
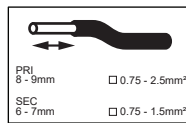
PUSH diagram



MAINS DIM diagram



1050mA	45W	2-43Vdc	ON OFF	6 5 4 3 2 1
1200mA	50W	2-42Vdc	ON OFF	6 5 4 3 2 1
1400mA	50W	2-36Vdc	ON OFF	6 5 4 3 2 1
1600mA	50W	2-31Vdc	ON OFF	6 5 4 3 2 1
1750mA	50W	2-28Vdc	ON OFF	6 5 4 3 2 1
2100mA	50W	2-23Vdc	ON OFF	6 5 4 3 2 1
24V	50W	24Vdc	ON OFF	6 5 4 3 2 1



Operating Mode

- Regulating driver with "phase cut-off" dimmer IGBT, TRIAC and PUSH.
- Light regulation 0/0,5 - 100% by means of PUSH function (mains voltage) remove JUMPER
a short push to turn on and off
a longer push to increase or decrease light intensity
regulation automatically stops at minimum or maximum values for another on regulation or off command, release the push button and give the desired command again;
dimming level memory at mains restore.
- Maximum length of the cable, from the push button to last driver, must be max. 15 m / 49 ft. In case of applications where the cable is longer keep this separate from the 110-240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light
- PUSH re-synchronization: when the drivers are switched on, press the PUSH key for more than 1 second (long PUSH) followed with a short push (<1s). Now the devices are switched off, do a long PUSH, the system will now be resynchronized.
- LOOPING: suitable for cascade connection.

Rated Voltage

220 ÷ 240 V

Frequency

50...60 Hz

AC Operation range

198 ÷ 264 V

DC Operation range

DC 170 ÷ 280 V

(NO IGBT/TRIAC)

(NO PUSH mode function)

Power

1 ÷ 50 W

Temperature

Tc = 80°C

Ta = -25...+50°C

max. Efficiency

> 88⁽¹⁾

Maximum current output ripple

≤ 3%⁽¹⁾

Reference Norms

EN 50172 (VDE 0108)

EN 55015

EN 60598-1

EN 61000-3-2

EN 61000-3-3

EN 61347-1

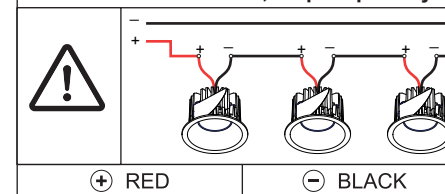
EN 61347-2-13

EN 61547

EN 62384

VDE 0710-T14

For serial connection, respect polarity!



CAN BE USED WITH

Fixtures:

see driver matrix - latest version on website
www.supermodular.com or check sales contact

⁽¹⁾ Referred to $V_{in} = 230V$, 100% load

