



TRIAC DIMMABLE LED DRIVER MANUAL GUIDE

10W / 20W / 40W / 60W CONSTANT CURRENT SERIES

- Please inspect the product before installation.
- Do not install the product if it is damaged or defective.
- The product must be installed by a qualified electrician.
- Keep the product and all accessories out of the reach of children.
- To help maximise the product's lifespan, install the driver in a well-ventilated area, away from excessive heat, moisture and corrosive gases.



Quick spec

Input	200-240VAC	Output Type	Constant Current(DIP Multi-Current)
Dimming Capacity	0-100%	Dimming Type	Leading/Trailing edge triac dimmer



Note: ①ON-1, default ON for leading edge.

②The default is minimum current.

Dip Multiple Current Form

10W Model: SL-DIM-DVR-10W

Size(mm): 135×30×20

N.W.(kg): 0.07



TTT	TTT	TTT	TTT	TTT	TTT	TTT	TTT	TTT
1	2	3	4	5	6	7	8	9
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
100mA	150mA	200mA	250mA	300mA	350mA	400mA	450mA	
3-42V	3-42V	3-42V	3-40V	3-33V	3-29V	3-25V	3-22V	
Rated power	4.2W	6.3W	8.4W	10W	10W	10W	10W	
Full Load Efficiency	75%	75%	75%	75%	75%	75%	75%	

20W Model: SL-DIM-DVR-20W

Size(mm): 159.5×43×20

N.W.(kg): 0.12



TTT	TTT	TTT	TTT	TTT	TTT	TTT	TTT	TTT
1	2	3	4	5	6	7	8	9
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
250mA	350mA	400mA	450mA	500mA	550mA	600mA	700mA	
3-42V	3-42V	3-42V	3-42V	3-40V	3-36V	3-33V	3-29V	
Rated power	10.5W	14.7W	16.8W	18.9W	20W	19.8W	20.3W	
Full Load Efficiency	78%	78%	78%	78%	78%	78%	78%	

TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA		
3-65V	3-65V	3-65V	3-65V	3-65V	3-65V	3-65V	3-65V	3-62V	3-57V	3-50V	3-45V	3-40V	3-37V	3-34V	3-31V	3-29V	
Rated power	19.5W	22.8W	26W	29.3W	32.5W	35.8W	39W	40W	40W	40W	40W	40W	40W	40W	40W	40W	40W
Full Load Efficiency	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%

40W Model: SL-DIM-DVR-40W

Size(mm): 171.5×54×20

N.W.(kg): 0.23



Size(mm): 192.5×62×24

N.W.(kg): 0.35

60W Model: SL-DIM-DVR-60W

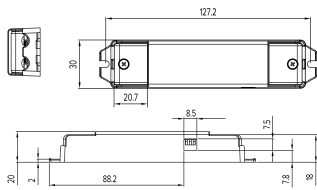
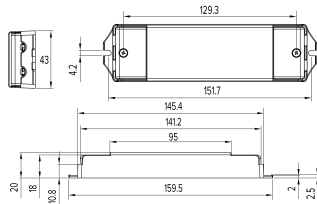
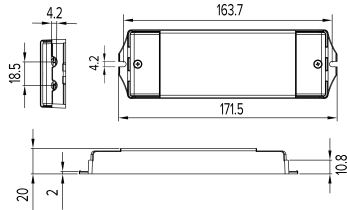
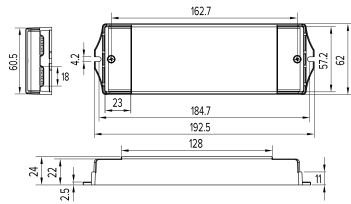
		TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT	TTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ON	OFF	600mA	700mA	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA	1600mA	1700mA	1800mA	1900mA	2000mA	2100mA
		3-65V	3-65V	3-65V	3-65V	3-60V	3-55V	3-50V	3-46V	3-43V	3-40V	3-38V	3-35V	3-33V	3-32V	3-30V	3-29V
Rated power		39W	45.5W	52W	58.5W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W	60W
Full Load Efficiency		83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%	83%

Important Warranty Notice

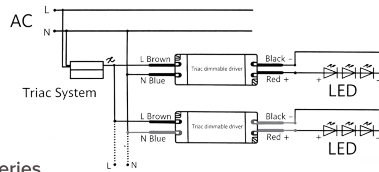
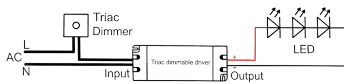
Incorrect wiring, polarity, loading or current settings may damage or blow the LED diodes and void the product warranty.



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10W Model: SL-DIM-DVR-10W**20W Model: SL-DIM-DVR-20W****40W Model: SL-DIM-DVR-40W****60W Model: SL-DIM-DVR-60W**

Wire Diagram



Operation Guide — All Fittings Must Be Wired in Series

Connect the AC mains supply to the driver input terminals marked L and N. Where dimming is required, install a compatible TRIAC dimmer on the live input, as illustrated.

Connect the driver output terminals marked LED+ and LED- to the fittings in one continuous series circuit.

Important - Check the mA Setting

Before energising the driver, isolate the mains supply and confirm that the DIP switches are set to the correct mA rating specified for the fitting.

An incorrect current setting may permanently damage the LED diodes and void the product warranty.

Series Wiring Requirements

- Wire all fittings in series, not parallel.
- Each driver must supply only one continuous series circuit.
- Do not branch the driver output or connect multiple series circuits to one driver.
- Do not connect the LED outputs of separate drivers together.
- Maintain the correct positive and negative polarity throughout the circuit.
- All fittings connected to the same driver must require the same operating current.
- Keep the combined forward voltage within the driver's specified output-voltage range.
- The total connected load must not exceed 80% of the driver's rated output power.
- Do not exceed the recommended maximum number of fittings.
- Complete and check all wiring before applying power.
- Never connect, disconnect or alter fittings while the driver is energised.
- A loose connection, open circuit or failed fitting may switch off the entire circuit.

Installation Instructions

Installation must be completed by a suitably qualified electrician.

Multiple drivers may be connected to the same switched or dimmed AC mains supply, but each driver's LED output must remain a separate and independent series circuit.

Ensure that the dimmer is compatible with the drivers and suitable for their combined electrical load.

Before energising the system, confirm that the wiring, polarity, DIP-switch setting, connected load and forward-voltage range are all correct and that every connection is secure.