5 Years
Product Warranty
UK Only

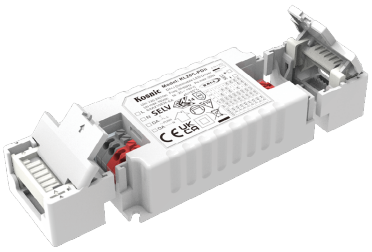
Dimmable Driver

Kosnic
LIGHTING • SIMPLY BETTER

08052 DRC20/DA

DALI-2 Dimmable Driver 20W Push dimming

- Multiple constant current output selections (200-550mA)
- Stand-by power below 0.5W
- Flicker-free for entire dimming range
- Configurable output current with DIP switches





Overview

Kosnic's constant current dimmable LED drivers are multifunctional with the option to have DALI and primary PUSH retractive switch dimming. With multiple constant current output selections (200-550mA) the dimmable driver is suitable for a variety of products.

IP20

General Information

IP Rating	IP20
Protection Rating	Class II
Installation Area	Internal

Technical Summary	
Product Code	DRC20/DA
Driver Maximum Power (W)	20 W
Driver Output Current (mA)	200-550
Driver Power Factor	0.83
Dimensions (L x W x D) (mm)	116x40.5x22

Compliance

LVD	EN 60598-1:2024, EN 61347-1:2015+A1:2021, EN 61347-2-13:2014+A1:2017, EN 61493:2015
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

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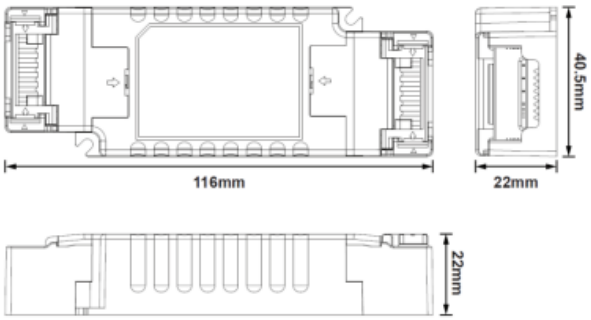
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Variable							
	Max. Input Power (W)	Driver Output Current (mA)	Power Factor	Output Voltage	Max. Load (W)	Max. Input Current (mA) at 230 V, 50 Hz, full load	Efficiency (%)
	10	200	0.94	3-45V	9.0	47	88
	13	250	0.94	3-45V	11.3	59	88
	15	300	0.94	3-45V	13.5	71	88
	18	350	0.94	3-45V	15.8	83	88
	20	400	0.94	3-45V	18.0	95	88
	23	450	0.94	3-45V	20.3	106	88
	23	500	0.94	3-40V	20.0	105	88

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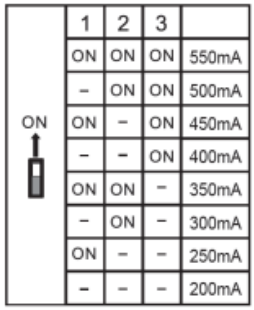
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DIP switches are used to select the output.



1	2	3	
ON	ON	ON	550mA
–	ON	ON	500mA
ON	–	ON	450mA
–	–	ON	400mA
ON	ON	–	350mA
–	ON	–	300mA
ON	–	–	250mA
–	–	–	200mA

ON/OFF & Description of Dimming Operation

- Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.
- Dimming: Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2-100%.
- Memory: PUSH dimming has dimming memory function.
- Dimming synchronization: The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15S
- DALI dimming mode: Connect the power supply to the DALI system, and it can be dimmed by the DALI host. The dimming range is 0-100%.

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