

Dimmable Driver

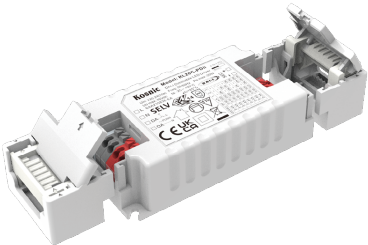
08052 DRC20/DA

Dimmable Driver: 20W DALI2 primary push dim driver

- Multiple constant current output selections (200-550mA)
- Push-fit terminals
- DALI 2 dimmable, Primary PUSH retractive switch dimmable
- Flicker-free
- Synchronisation function for up to 20 drivers
- Output overload protection with automatic restart
- Output short-circuit shutdown with automatic restart
- Overheating protection
- Class II IP20 independent driver
- SELV equivalent

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.



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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Kosnic.com



Kosnic Lighting KosnicUK KosnicLightingUK

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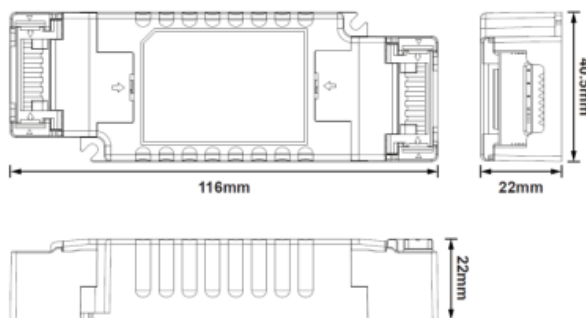
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Variable							
	Max. Input Power (W)	Driver Output Current (mA)	Power Factor	Output Voltage	Max. Load (W)	Max. Input Current (mA) at 230 V, 50 Hz, full load	Efficiency (%)
	10	200	0.94	3-45V	9.0	47	88
	13	250	0.94	3-45V	11.3	59	88
	15	300	0.94	3-45V	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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DIP switches are used to select the output.

	1	2	3	
ON 	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%.



IP20



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