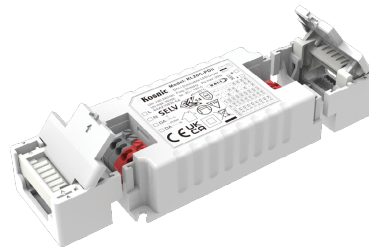


Dimmable Driver

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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Dimmable Driver

08052 DRC20/DA

Overview

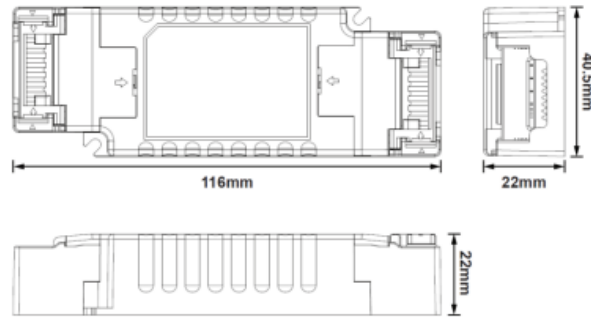
Kosnic's constant current dimmable LED drivers are multifunctional with the option to have DALI and primary PUSH retractive switch dimming. With multiple constant current output selections (200-550mA) the dimmable driver is suitable for a variety of products.

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



General Information

IP Rating	IP20
Protection Rating	Class II
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Dimmable Driver

08052 DRC20/DA

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

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%.

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