

Driver LCO 75W 200–1400mA flexC 0-10V NF L SNC3

essence NFC outdoor series

New

**Product description**

- _ Constant current LED driver
- _ Tested acc. to salt spray test (ISO 9227)
- _ Dimmable via 0 ... 10 V interface (incl. stand-by)
- _ Dimming range 1 to 100 %
- _ Adjustable output current between 200 and 1,400 mA via NFC
- _ Max. output power 75 W
- _ Up to 88 % efficiency
- _ Nominal lifetime up to 50,000 h
- _ 5 years guarantee

Housing properties

- _ Casing: metal, black
- _ Type of protection IP67 and IP66

Functions

- _ Adjustable output current in 1-mA-steps (NFC)
- _ AUX output
- _ Fade-off time programmable
- _ Configurable external temperature management (ETM)
- _ Protective features (overtemperature, short-circuit, overload, no-load)

Benefits

- _ Operating window for maximum compatibility
- _ Added energy savings with dimming via 0 ... 10 V interface
- _ Configurable via NFC
- _ Tailor your dimming response with either Linear, Logarithmic or Square Dimming Curves

Typical applications

- _ For parking lot, high bay, street and road applications
- _ For linear or area lighting in industry applications

Website
<http://www.tridonic.com/28003555>


Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative



High bay

Standards

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 61547, EN 62384, EN 60598-1, FCC PART 15

Specific technical data

Type	Article number	Output current ^③	Min. forward voltage	Max. forward voltage	Max. output power	Typ. power consumption (at 230 V, 50 Hz, full load)	Typ. current consumption (at 230 V, 50 Hz, full load)	tc point max.	Ambient temperature ta
LCO 75/200-1400 flexC 0-10V NF L SNC3	28003555	200 mA	27 V	150.0 V	30.0 W	34.9 W	159 mA	90 °C	-40 ... +60 °C
LCO 75/200-1400 flexC 0-10V NF L SNC3	28003555	500 mA	27 V	150.0 V	75.0 W	82.0 W	359 mA	90 °C	-40 ... +60 °C
LCO 75/200-1400 flexC 0-10V NF L SNC3	28003555	800 mA	27 V	93.8 V	75.0 W	82.0 W	359 mA	90 °C	-40 ... +60 °C
LCO 75/200-1400 flexC 0-10V NF L SNC3	28003555	1,100 mA	27 V	68.2 V	75.0 W	82.7 W	362 mA	90 °C	-40 ... +60 °C
LCO 75/200-1400 flexC 0-10V NF L SNC3	28003555	1,400 mA	27 V	53.5 V	74.9 W	84.0 W	368 mA	90 °C	-40 ... +60 °C

① Valid at 100 % dimming level.

② Depending on the selected output current.

③ With load on AUX port higher.

④ Output current is mean value.

⑤ The table only lists a number of possible operating points but does not cover each single point. The output current can be set within the total value range in 1-mA-steps.