

Driver LCU 48V 75W DC-STR FO SR

Fixed output



Product description

- _ Independent fixed output DC-String constant voltage LED Driver
- _ Compatible with other DC-String components
- _ Max. output power 75 W
- _ Up to 92 % efficiency
- _ Nominal life-time up to 50,000 h
- _ For luminaires of protection class I and protection class II
- _ Temperature protection as per EN 61347-2-13 C5e
- _ 5-year guarantee

Housing properties

- _ Casing: polycarbonate, white
- _ Type of protection IP20

Functions

- _ DC-String compatible
- _ Intelligent Temperature Guard (overtemperature protection)
- _ Short-circuit protection
- _ Overload protection

Website

<http://www.tridonic.com/28001232>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

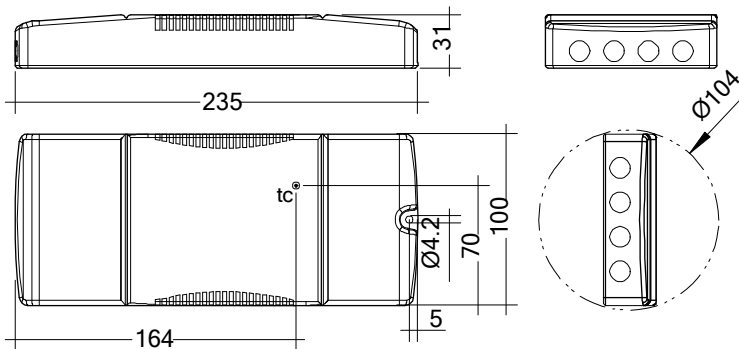


High bay

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The complete data sheet for this product is available in the Downloads section.

**Ordering data**

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pc.
LCU 48V 75W DC-STR FO SR	28001232	10 pc(s).	300 pc(s).	0.346 kg

Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
DC voltage range	176 – 280 V
Mains frequency	0 / 50 / 60 Hz
Typ. rated current (at 230 V, 50 Hz, full load)	359 mA
Typ. current (220 V, 0 Hz, full load)	371 mA
Leakage current (at 230 V, 50 Hz, full load)	< 500 µA
Max. input power	81 W
Typ. efficiency (at 230 V, 50 Hz, full load)	92 %
λ (at 230 V, 50 Hz, full load)	0.99C
Typ. input current in no-load operation	51 mA
Typ. input power in no-load operation	2.4 W
In-rush current (peak / duration)	50.2 A / 131 µs
THD (at 230 V, 50 Hz, full load)	< 4 %
Output voltage tolerance	-1 ... +8 %
Output LF current ripple (< 120 Hz)	± 1 %
Max. output voltage (U-OUT)	52.5 V
Max. cable length secondary	See data sheet section 3.5
Mains surge capability (between L - N)	1 kV
Mains surge capability (between L/N - PE)	2 kV
Surge voltage at output side (against PE)	< 450 V
Ambient temperature t_a	-25 ... +55 °C
Max. casing temperature t_c	70 °C
Dimensions L x W x H	235 x 100 x 31 mm

Approval marksIP20 SELV       RoHS**Standards**

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 62384, EN 61547