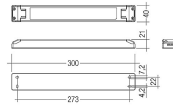
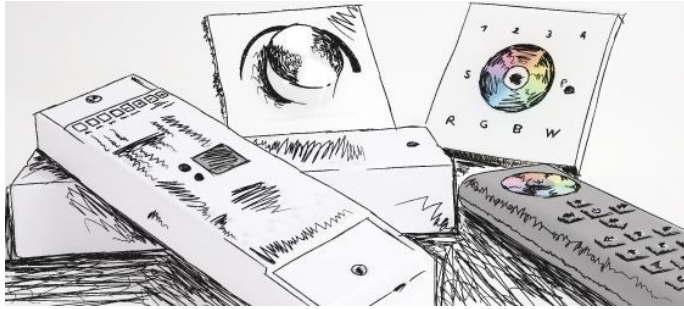


# Tridonic Driver LCU 96W 24V IP20 EXC



## Product information "Tridonic Driver LCU 96W 24V IP20 EXC"

TRI LCU60W 24V EXC

### Product description

- Constant voltage LED Driver
- Universal input voltage range
- Constant output voltage
- Push terminals for simple wiring
- Nominal life-time up to 50,000 h (at ta 45 °C with a failure rate ≤ 0.2 % per 1,000 h)
- 5-year guarantee
- Suitable for emergency escape lighting systems acc. to EN 50172
- Complies with CLASS C from minimum to maximum load range according to EN 61000-3-2

### Properties

- Small design
- High efficiency
- Low power loss
- Overtemperature and overload protection
- Short-circuit shutdown feature with automatic restart
- Protection class II, SELV
- Type of protection IP20
- Plastic casing white

### Technical Data

- Rated supply voltage: 120 - 277 V
- AC voltage range: 108 - 305 V
- DC voltage range: 176 - 288 V
- Rated current 12 V (at 230 V 50 Hz): 0.51 A
- Rated current 24 V (at 230 V 50 Hz): 0.49 A
- Mains frequency: 0 / 50 / 60 Hz
- Efficiency: > 90 %
- λ (at 230 V 50 Hz): 0.95

## Technical Details:

Power Consumption:	96 W
Power Factor (PF):	0.95
Operating Hours:	>50.000 h
Ambient Temperature (TA):	-40°C - 60°C
Housing Material:	plastic
Housing Color	white
Dimensions	300x40x21 mm
Net Weight:	340 g
Warranty	5 years

### Information and Downloads:



- Output power 24 V ( $t_a \leq 50 \text{ }^\circ\text{C}$ ): 96 W
- Output power 24 V ( $t_a > 50 \text{ }^\circ\text{C}$ ): 67 W
- Output power range 24 V: 10 - 96 W
- Turn on time (output):  $\leq 0.5 \text{ s}$
- Turn off time (output):  $\leq 1 \text{ s}$
- Hold on time at power failure (Output): 10 ms
- Mains surge capability (between L - N): 1 kV
- Mains surge capability (between L/N - PE): 1 kV
- Surge voltage at output side (against PE):  $< 500 \text{ V}$
- Ambient temperature  $t_a$  (24 V):  $-25 \dots +60 \text{ }^\circ\text{C}$
- Ambient temperature  $t_a$  (at life-time 50,000 h):  $-25 \dots +45 \text{ }^\circ\text{C}$
- Storage temperature:  $-40 \dots +85 \text{ }^\circ\text{C}$
- Dimensions LxWxH for 24 V: 300 x 40 x 21 mm