

Driver LCO 50W 700/1050/1250/1400/2100mA 0-10V C ADV UNV
OUTDOOR advanced series

**Product description**

- _ Constant current LED driver
- _ Only for US applications
- _ Dimmable via 0 ... 10 V interface
- _ Dimming range 10 to 100 %
- _ Class 2 power supply (not the 700 mA version)
- _ FCC Part 15
- _ Type HL rated for hazardous location
- _ Dry and damp location
- _ Max. output power 50 W
- _ Up to 86 % efficiency
- _ Nominal lifetime up to 100,000 h
- _ 5 years guarantee (conditions at www.tridonic.com)

Housing properties

- _ Casing: polycarbonate, black
- _ Potted style
- _ Type of protection IP66

Functions

- _ Over voltage protection
- _ Short-circuit protection
- _ No-load protection

Typical applications

- _ For wall pack and outdoor general illumination

Website

<http://www.tridonic.us/28002149>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

Standards

UL 8750, UL 1310, FCC PART 15, ANSI C62.41, ANSI C63.4, UL 1012, NEMA 4, CSA C22.2

Specific technical data

| Type | Output current | Min. forward voltage | Max. forward voltage | Max. output voltage (U-OUT) | Max. output power (at 120 V, 60 Hz, full load) | Typ. power consumption (at 120 V, 60 Hz, full load) | Typ. current consumption (at 120 V, 60 Hz, full load) | Typ. efficiency (at 120 V, 60 Hz, full load) | Max. output power (at 277 V, 60 Hz, full load) | Typ. power consumption (at 277 V, 60 Hz, full load) | Typ. current consumption (at 277 V, 60 Hz, full load) | Typ. efficiency (at 277 V, 60 Hz, full load) | t _c | Ambient temperature t _a |
|--------------------------------------|----------------|----------------------|----------------------|-----------------------------|--|---|---|--|--|---|---|--|----------------|------------------------------------|
| LCO 50/700/72 0-10V C ADV UNV | 700 mA | 36 V | 72 V | 80 V | 50.4 W | 57.5 W | 480 mA | 87.0 % | 50.3 W | 58.1 W | 220 mA | 86 % | 176 °F | -22 ... +140 °F |