

# EPTRONICS

## Constant Current Driver

Cat.No. LD-20W-28-CO700-LE

LD-20W-28-CO700-TE



The EPTRONICS LD-20W-28-CO700 is a 20 Watt electronic, constant current, remote driver available to power Hunza series version PURE LED fixtures in the USA market. It is designed to be used with Triac (-LE model) or ELV (-TE model) dimmers. For exterior use, it is highly recommended to install this in a weatherproof box, available as an option from Hunza. The PC-17-02 weatherproof box is a requirement for UL compliance. When this driver is used as a remote power supply, SERIES WIRING is required to connect the fixtures.

- Designed for use with Triac (-LE) and ELV (-TE) phase-cut dimmers 120VAC/230VAC.
- Drive Mode: Constant Current

### Electrical Specification

- Input Voltage: 120VAC/230VAC with dimmer, 100-277VAC without dimmer. Frequency: 50/60HZ
- Power Factor: > 0.90 at full load 120Vac, Full input (No dimmer)
- Inrush current: <10A at 25C, 120V, cold start, Max. Load
- Input current: 0.15A at 120Vac, 60Hz, Maximum Load
- Efficiency: 86%
- Maximum output power: 20W
- Constant Current output: 700mA
- Output voltage range: 14-28 VDC



IP66



**HUNZA**™ PURE  
OUTDOOR  
LIGHTING

**HUNZA FACTORY**  
130 Felton Mathew Ave  
Glen Innes  
Auckland 1072  
New Zealand

Ph: 64-9-528 9471  
Fax: 64-9-528 9361  
hunza@hunza.co.nz  
[www.hunzalighting.com](http://www.hunzalighting.com)

**INTERNATIONAL CONTACTS:**  
[www.hunzalighting.com/contact.php](http://www.hunzalighting.com/contact.php)  
Specifications may change without notice.  
Manufactured in New Zealand.  
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## Safety and Compliance

- UL8750, EN61347, CSA 22.2 safety compliant FCC, 47CFR Part 15 Class B compliant
- Water resistant and Dust Proof Design: IP66, NEMA4, for Dry, Damp, Wet Locations
- Safety Isolation between Primary and Secondary
- Meets EN61000-3-2 & EN61000-3-3 Class C
- Protection: output over-voltage, output over-current, output short circuit, auto-recovery

## Environmental

- Operating temperature: Tc 85°C Maximum. Reference -30° to +60°C ambient
- Storage temperature range: -40° to +85°C
- Humidity (non-condensing): 5% - 95%RH
- Cooling: Convection
- Vibration Frequency: 5-55Hz/2g, 30 minutes
- Impact resistance: 1g/s
- MTBF@ 40C: 412,000 hours @ Full Load per MIL-217F Notice 2.

