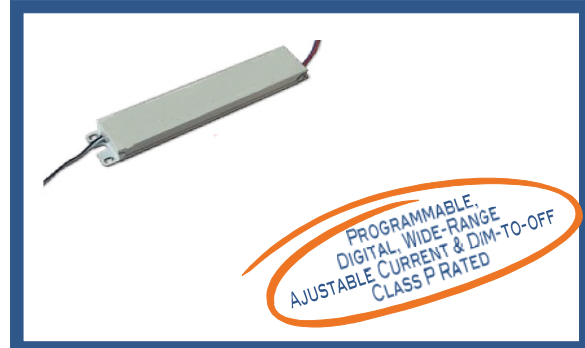




|                                     |
|-------------------------------------|
| Constant current LED driver         |
| Total power: 100W                   |
| Input voltage: 120~277Vac $\pm$ 10% |

**Features**

- Adjustable output current (1170mA to 3500mA)
- Dim-to-off
- Auxiliary power: 12Vdc, 200mA max
- Flicker free
- Dimmable with 0-10V dimmer and down to 3% at maximum output current
- 5 year warranty



**Description**

LXWCP100 is a 100W constant current programmable indoor LED driver that operates from 120-277Vac input. The driver can be dimmed down to 3% with a dim-to-off mode. This is designed to provide ultimate flexibility and precise tuning of output current for luminaire manufacturers.

| ELECTRICAL SPECIFICATIONS  |   |
|----------------------------|---|
| Input voltage range:       | 120~277Vac $\pm$ 10%  |
| Frequency:                 | 50/60Hz   |
| Power factor:              | > 0.9 under 120~277Vac input with 80~100% load condition (for all output currents)  |
| Inrush current:            | TBD   |
| Max input current:         | TBD   |
| THD:                       | < 20% under 120~277Vac input with 80~100% load condition (for all output currents)  |
| Load Regulation:           | $\pm$ 2%  |
| Line Regulation:           | $\pm$ 1%  |
| Current Tolerance:         | $\pm$ 5% at full load condition   |
| Turn-on Delay Time:        | < 0.75s at full load condition  |
| Overshoot:                 | < 10% at full load condition  |
| No Load Power Consumption: | TBD   |
| Ripple & Noise (pk-pk):    | < 3%  |
| Withstand voltage:         | Input to output, 2,800Vdc, 2mA  |
| Leakage current:           | Maximum 0.5mA at 277Vac, 60Hz input   |
| Protection:                | Over voltage protection: Hiccup mode. Protection will trigger when load voltage exceed specified output voltage and will auto recover after the fault mode is removed.<br>Over current protection: Hiccup mode. Protection will trigger when load current exceed specified output current and will auto recover after the fault mode is removed.<br>Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.<br>Over temperature protection: Protection will trigger when driver overheat and auto-recovery when cooled down. |

| ENVIRONMENTAL SPECIFICATIONS |             |
|------------------------------|-------------|
| Operating temperature:       | -20 to 50°C |
| Storage temperature:         | -40 to 85°C |
| Humidity:                    | 5% to 95%   |
| MTBF:                        | TBD         |
| Life rating:                 | TBD         |
| Maximum case Temperature :   | 90°C        |

| SAFETY AND EMC COMPLIANCE |  |
|---------------------------|--|
| UL/cUL                    | UL 8750 pending                          |
| CE                        | EN61347-1, EN61347-2-13                  |
| FCC, 47CFR Part 15        | ANSI C63.4:2009 Class B (Consumer Limit) |
| EN61000-3-2               | Harmonic Current Emissions Class C       |

## LXWCP100SXXXSS-20 Series

### PRODUCT SPECIFICATIONS

| Model Number     | Max output power | Output Current        | Output Voltage | OCV | Efficiency at 120V (Typ.) | Efficiency at 240V (Typ.) | Efficiency at 277V (Typ.) | Remote mounting distance (#18 AWG) | Class 2 |        |
|------------------|------------------|-----------------------|----------------|-----|---------------------------|---------------------------|---------------------------|------------------------------------|---------|--------|
|                  |                  |                       |                |     |                           |                           |                           |                                    | US      | Canada |
| LXWCP100S350SS-L | 100W             | 1170mA<br>~<br>3500mA | 14-28.5V       | 30V | --%                       | --%                       | --%                       | 10 ft                              | ✓       | ✓      |

### PHYSICAL DIMENSIONS

|               |                |
|---------------|----------------|
| Length (L):   | 11.46" (291mm) |
| Width (W):    | 1.70" (43mm)   |
| Height (H):   | 1.15" (30mm)   |
| Mounting (M): | 10.97" (279mm) |

### PACKAGING

|  |                 |
|--|-----------------|
| 0.8kg / unit ; 25pcs / carton ; --pcs / pallet |                 |
| Carton size:                                   | -- x -- x -- mm |
| Carton weight:                                 | -- kg           |
| Case Material:                                 | Metal           |

### WIRE SPECIFICATIONS

|          |  |
|----------|--|
| Input:   | 12", UL 1316 #18AWG (Black and White)      |
| Output:  | 12", UL 1316/1430 #18AWG VO (+) and VO (-) |
| Dimming: | 12", UL 1316/1430 #22AWG                   |

