# ELV Dimming Electronic Driver

**MODELS:** 96W, SINGLE AND MULTIPLE CIRCUITS

LED LINEAR™ lighting solutions | Member of the Fagerhult Group

## Class 2 Drivers are designed for architectural lighting applications

- 24V constant voltage output
- Compact size yet high efficiency and performance in dry and damp environments
- Multiple Inputs: 120V-277V
- Class 1 conduit wiring compartment
- Fully dimmable: ELV Dimmers - Reverse or Adaptive Phase Control, Trailing Edge
- Visual LED indicator for inherent over current, short circuit and temperature protection
- 5 year warranty. UL Listed Class 2, UL8750/CSA approved
- IP 67 rated
- Made in the USA

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## Driver Order Code

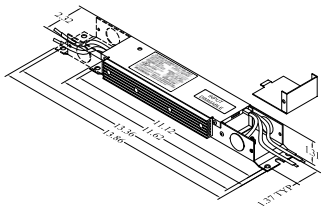
| Remote Driver | Wattage | Dimming | Input Voltage | Protection |
|---|---|---|---|---|
| D-REM | _ -_ _ _ W | ELV | _ _ _ | IP67 |
| | S-096 - Single Circuit 96W | | 120 | |
| | M-192 - Two Circuits 192W | | 277 | |
| | M-288 - Three Circuits 288W | | | |
| | M-384 - Four Circuits 384W | | | |

## Technical Details - 96W Models

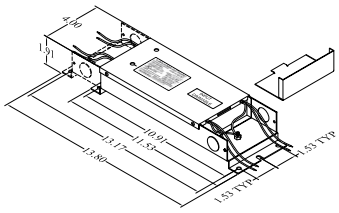
| | | |
|---|---|---|
| Input | Voltage / Frequency | 90 - 130VAC, 60Hz or 200 - 277VAC, 50/60Hz |
| | AC Current | 96W, 0.88A @120VAC, or 96W, 0.44A @ 240/277VAC, per Single circuit |
| | Inrush Current (Typ.) | < 1mA @ 120 or 240/277 VAC input |
| | Leakage Current | < 1mA @ 240/277VAC |
| Output | Efficiency (Typ.) | 80 - 85% |
| | Output Amps | 96W, 4.0A per circuit |
| Protection | Current Tolerance | +/- 5% maximum |
| | Over Current | CONSTANT POWER < 120% rated current down to 70% output voltage |
| | Short Circuit | Output shut down, automatic restart |
| | Over Voltage | Output voltage shall NOT exceed 150% of maximum rated voltage |
| | Over Temperature | Output limiting internal NTC over temperature protection circuit |
| Environment | Working Temperature | Nominal -20°C to +50°C ambient @ full load, linearly derate to 60% of output rating up to 80°C |
| | Working Humidity | 5% to 100%, non-condensing |
| | Ingress Protection | Damp location, IP67, temporary immersion up to 1 meter |
| | Storage Temperature, Humidity | -40°C to 80°C, 5% to 95% RH |
| | Temperature Coefficient | 0.1% per degree °C maximum |
| | Vibration | Frequency 5 to 50HZ acceleration ±7.35 M/(S*S), direction X, Y and Z axis |

## Driver Circuit Choices

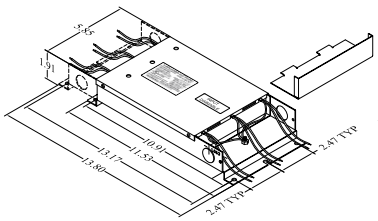
### Single circuit



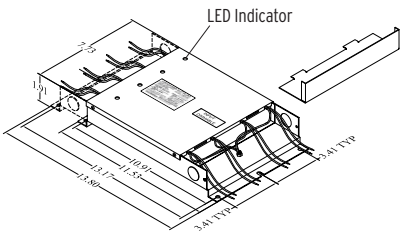
### Two circuits



### Three circuits



### Four Circuits




* Covers included with all models

** Do not interconnect output circuits