

INTRODUCTION



POWER ADJUSTABLE DRIVER is a 630W to 800W power adjustable, constant-current, programmable LED driver that operates from 249–528 Vac input with excellent power factor. It is created for high wattage lighting applications such as horticulture, high bay, aquaculture, and vertical farms. It provides a dim-to-off mode with low standby power. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure a trouble-free operation, protection is provided against input surge, over voltage output, short circuit, and overheating.

FEATURES

- Ultra High Efficiency (Up to 96.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC)
- Input Surge Protection: DM 6kV, CM 10kV Low inrush current ($I_{peak} \leq 20A @ 480Vac$)
- Isolated 1-10V/10V PWM/3-Timer-Modes Dimmable (Dx models)
- Isolated 0-10V/PWM/3-Timer-Modes Dimmable (Mx models)
- Digital Dimming (Mx models)
- Always-on Auxiliary Power: 12Vdc, 250mA (Mx models)
- Dim-to-Off with Standby Power $\leq 1.5W$ (Mx models)
- Thermal Sensing and Protection for LED Module (Mx models)
- IOVP & IUVP (Mx models)
- Output Lumen Compensation
- End-of-Life Indicator
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for use in a Class I, Division 2 hazardous (Classified) location
- 5 Years Warranty

All specifications are subject to change. All spec values are typical.

630–800W POWER ADJUSTABLE DRIVER INSTALLATION MANUAL



WARRANTY

CALIVE grow light products are covered by a **5 year** limited warranty. CALIVE grow light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 5 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.



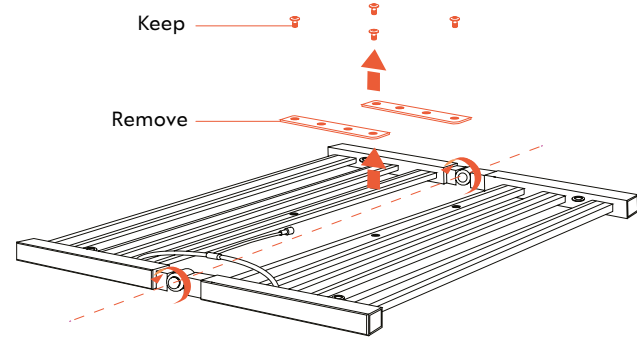
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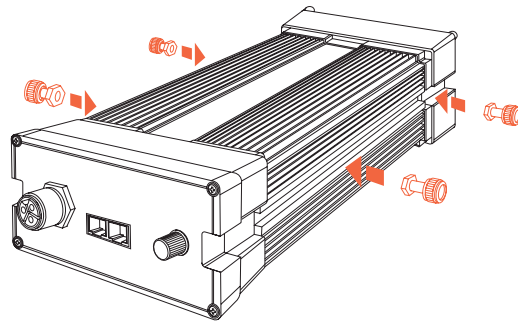
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INSTALLATION
POWER ADJUSTABLE DRIVER

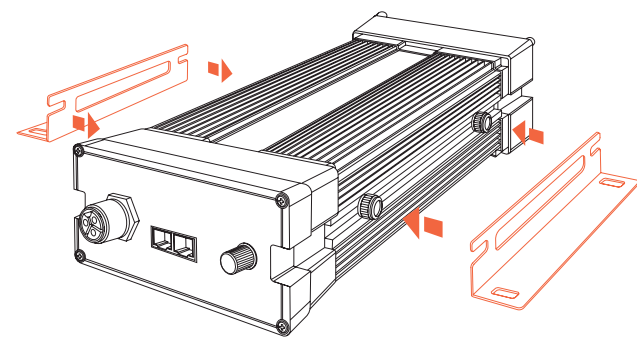
01.
Gently open the luminaire until it is flat then remove the holding brackets but keep the four chrysanthemum nuts.



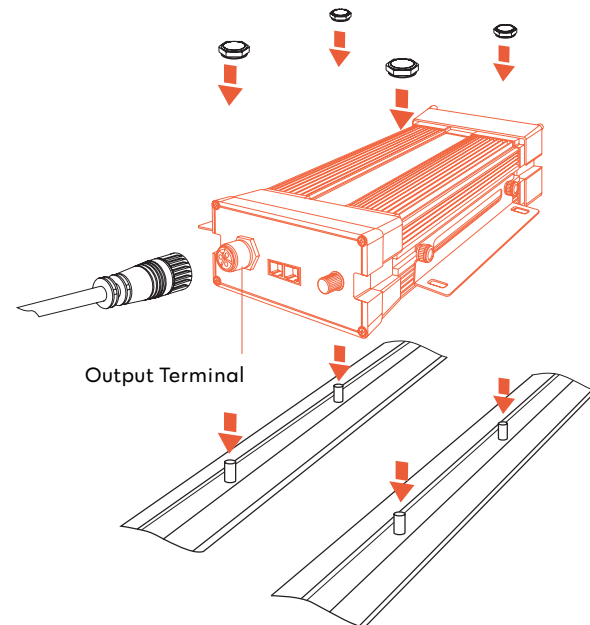
02.
Twist four screws onto the driver box.



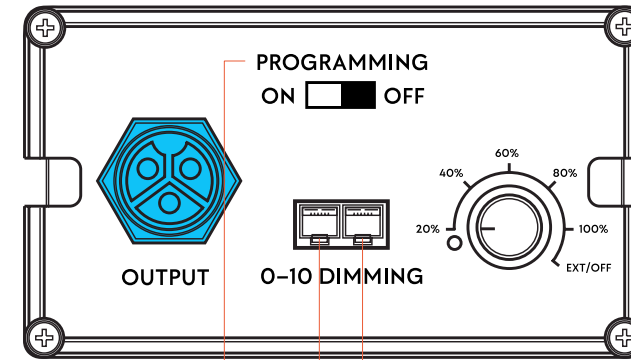
03.
Lock mounting brackets on each side of the driver.



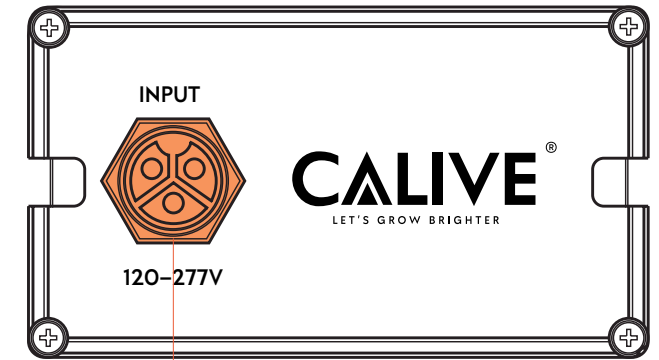
04.
Place the driver box on the lamp and tighten the chrysanthemum nuts to lock. Pay attention to the direction of the drive box, the blue is the output terminal.



PANEL INTRODUCTION
POWER ADJUSTABLE DRIVER



Front



Back

Dimming Device

AC Power Source

WARNING
This switch should only be used by professionals to set the power supply function. Non-professionals are prohibited from using this switch.

1. The installation should be performed by qualified electricians or technicians.
2. Before conducting any installation, maintenance, or removal, the luminaires should be powered off and cooled down.
3. Do not touch the fixture while it is turned on.
4. If there are any issues with the fixture, do not power off and attempt to repair it unless you are a qualified technician, electrician, or customer service member.