



**PioLED**  
**LIGHTING**  
SINCE 2008



# LED 24V CV Dim Driver

150W

PioLED Lighting (Pty) Ltd  
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## Product Performance

**Wattage** 150W

**Colour Temperature & Stock Code** PS016

**Operating Temperature** -20 ~ 50°C

**IP Rating** IP20

**Input Voltage** 220-240V

**Surge Protection** 2kV

**Dimmable** Yes Triac Push Dim

## Physical Characteristics

**Weight (g)** 460g±10g

**Housing Material** PC

**Product Dimensions (mm)** H 43 x L 352 x W 30

**Mounting Option** -

## Technical Parameters

**Input Current** ≤0.75A

**Output Voltage** 24V DC

**Humidity** 20 ~ 95%RH, non-condensing

**Frequency** 50/60Hz

**In Rush Current** Cold start 45A

**Output Current** Max 6.25A

**THD** 230V AC@THD<10%, at full load

**TA & TC** ta: -20 ~ 50°C tc: 90°C

**IES (Yes or No)** No

## Regulatory Qualifications

**Energy Efficiency** A

**Certification** CE

**Packaging info**

**Storage Temp** -40°C ~ 80°C

**Carton Size (mm)** 37\*36\*36.11cm

**QTY/CTN** 20

**Net Weight** 9.15 kg

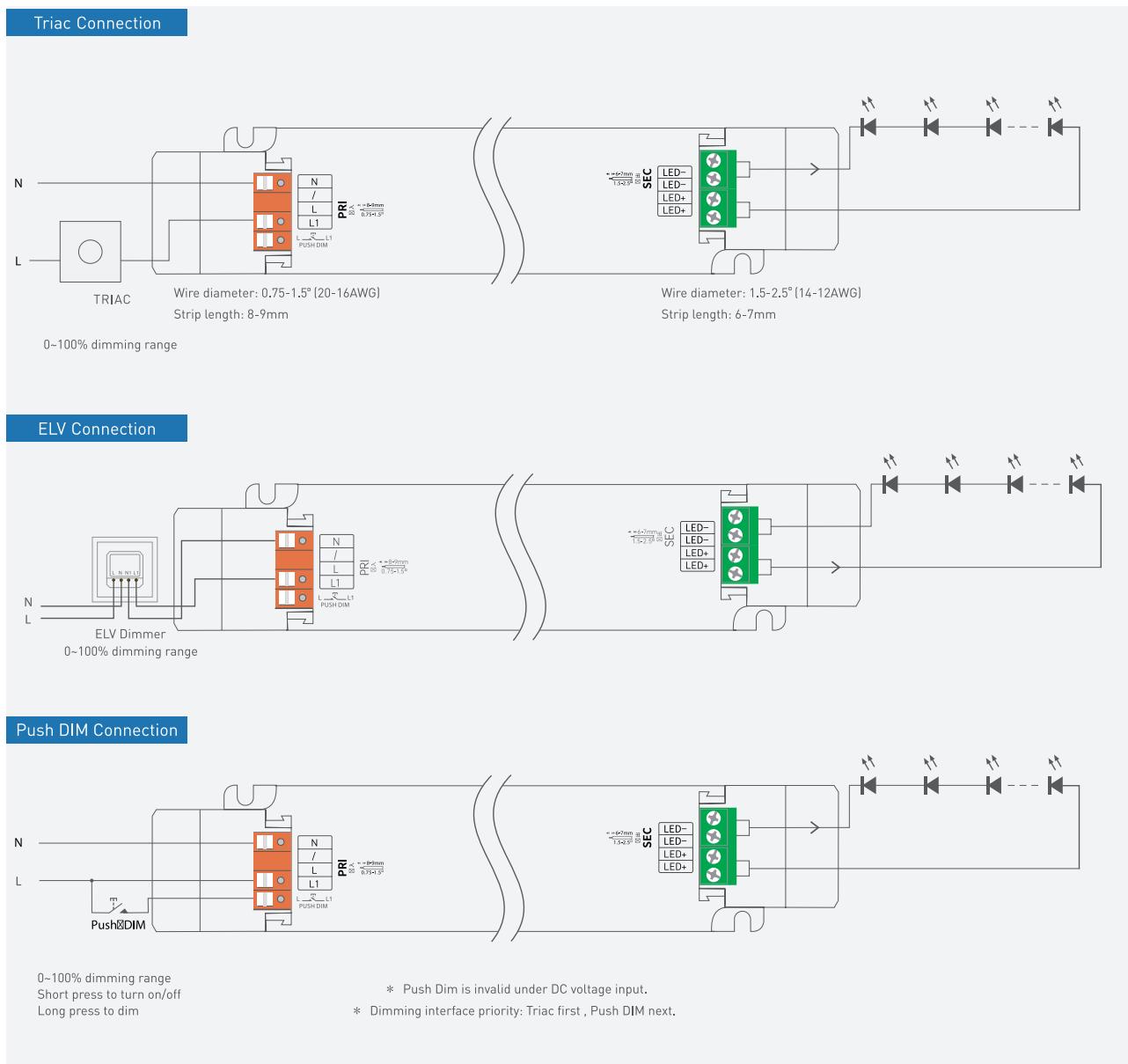
**Gross Weight** 10.15 kg

E&OE

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## Wiring Diagram



## Push Dimming



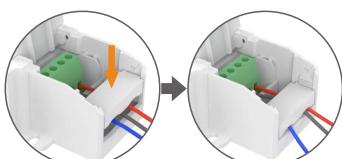
Reset switch

- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the brightness goes to the opposite direction.
- Dimming memory: The lights will return to its previous brightness value when short press on PUSH DIM button.

Power on again after power cut, the output brightness is subjected to the input voltage of drivers.

## Protective Housing Application Diagram

Tension plate

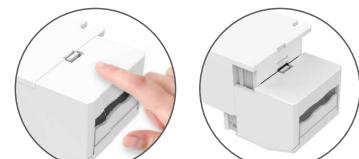


Push the tension plate down to fix the electric wires.

Remove the protective housing



Push the side plate outwards and remove the tension plate by prying it up with a tool at the same time.



Pull the bottom left and right from the bottom to remove it.