IP20 · 0–10V / PWM DIMMABLE

# 60 W LED Driver

**Constant voltage — 12V & 24V**




## 0–10V / PWM DIMMABLE CONSTANT VOLTAGE LED DRIVER · 60 W · IP20

**SKU: VL-PWM-60W-12V & VL-PWM-60W-24V · 100–277 VAC In · ABS Plastic · SAA & RCM**

- 60 W constant-voltage output with 0–10V / PWM dimming input.
- Smooth flicker-free dimming from any 0–10V or PWM controller.
- Wide 100–277 VAC input with active PFC — efficiency to 90%.
- IP20 plastic case for indoor, dry locations — natural convection cooling, no fan.
- Protection: short-circuit, over-voltage, overload & over-temperature.
- SAA approved & RCM compliant for Australian installations.

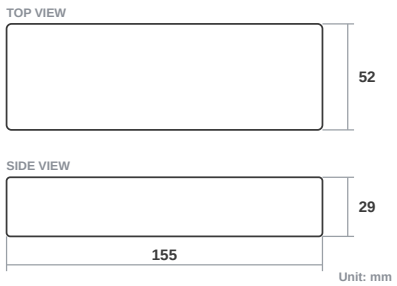
| 60W | IP20 | SAA | RCM |
|---|---|---|---|
| MAX OUTPUT | INDOOR RATED | SAA APPROVED | RCM COMPLIANT |

| 0-10V | 0.95 | ▭ | 4 |
|---|---|---|---|
| PWM DIMMABLE | POWER FACTOR | ABS PLASTIC CASE | 4-YEAR WARRANTY |

## TECHNICAL DETAILS

| Volka SKU | VL-PWM-60W-12V | VL-PWM-60W-24V |
|---|---|---|
| Output Voltage | DC 12 V | DC 24 V |
| Output Current | 5 A | 2.5 A |
| Output Power | 60 W | |
| AC Input | 100–277 VAC · 50/60 Hz | |
| Efficiency (full load) | 89% @ 220VAC | 90% @ 220VAC |
| Power Factor | PF > 0.95 @ 230VAC | |
| THD / Standby Power | < 15% · < 5 W | |
| Dimming | 0–10V, PWM or 10V push signal input | |
| Protection | Short-circuit, over-voltage & overload (auto-recover) | |
| Surge / Isolation | L-N 2 kV · L/N-PG 4 kV · I/P–O/P 3.75 kVAC | |
| Safety Standards | IEC/EN 61347-1 · 61347-2-13 | |
| Working Temp. | −25 ~ +45 °C (Tc 85 °C) | |
| Housing / IP Rating | Plastic, indoor · IP20 (indoor only) | |
| Dimensions / Weight | 155 × 52 × 29 mm · 0.30 kg | |
| Lifetime | 50,000 hours | |
| Certification | SAA · RCM · CE · ETL · RoHS | |
| Warranty | 4 Years | |

## DIMENSIONS & MOUNTING




155 × 52 × 29 mm

## PRODUCT VIEW




## ORDERING INFORMATION

| Volka SKU | Series Model | Output Voltage | Output Current | Power | IP Rating |
|---|---|---|---|---|---|
| VL-PWM-60W-12V | PV060P12 | DC 12 V | 5 A | 60 W | IP20 |
| VL-PWM-60W-24V | PV060P24 | DC 24 V | 2.5 A | 60 W | IP20 |

**Dimming:** feed 0–10V, PWM or a 10V push signal into the DIM+ / DIM− terminals; the AC input stays permanently live. **Suitable for direct-drive LED loads only** — not for fittings that contain their own driver or present a capacitive load.


Specifications are subject to change without notice. © Volka Lighting.