IP67 · 0–10V / PWM DIMMABLE

240 W LED Driver

Constant voltage — 12V & 24V



0–10V / PWM DIMMABLE CONSTANT VOLTAGE LED DRIVER · 240 W · IP67

SKU: VL-PWM-240W-12V & VL-PWM-240W-24V · 100–277 VAC In · Aluminium · SAA & RCM

- 240 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 92%.
- Waterproof IP67 aluminium case for indoor or outdoor use — natural convection cooling, no fan.
- Protection: short-circuit, over-voltage, overload & over-temperature.
- SAA approved & RCM compliant for Australian installations.

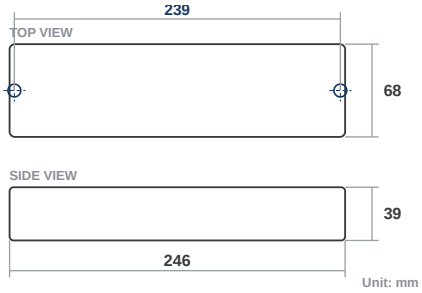
240W	IP67	SAA	RCM
MAX OUTPUT	WATERPROOF	SAA APPROVED	RCM COMPLIANT

0-10V	0.95		4
PWM DIMMABLE	POWER FACTOR	ALUMINIUM CASE	4-YEAR WARRANTY

TECHNICAL DETAILS

Volka SKU	VL-PWM-240W-12V	VL-PWM-240W-24V
Output Voltage	DC 12 V	DC 24 V
Output Current	20 A	10 A
Output Power	240 W	
AC Input	100–277 VAC · 50/60 Hz	
Efficiency (full load)	91% @ 230VAC	92% @ 230VAC
Power Factor	PF > 0.95 @ 230VAC	
THD / Standby Power	< 17% @ 230V · < 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	Aluminium, waterproof · IP67 (indoor & outdoor)	
Dimensions / Weight	246 × 68 × 39 mm · 1.30 kg	
Lifetime	50,000 hours	
Certification	SAA · RCM · CE · ETL · RoHS	
Warranty	4 Years	

DIMENSIONS & MOUNTING



246 × 68 × 39 mm · 239 mm mounting centres · Ø4 mm holes

PRODUCT VIEW



ORDERING INFORMATION

Volka SKU	Series Model	Output Voltage	Output Current	Power	IP Rating
VL-PWM-240W-12V	MV240P12	DC 12 V	20 A	240 W	IP67
VL-PWM-240W-24V	MV240P24	DC 24 V	10 A	240 W	IP67

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.