VOLKA LIGHTING

IP67 · TRIAC DIMMABLE

240 W LED Driver

Constant voltage, 12V & 24V



TRIAC DIMMABLE CONSTANT VOLTAGE LED DRIVER · 240 W · IP67

SKU: VL-TRC-240W-12V & VL-TRC-240W-24V · 200-240 VAC In · Aluminium · SAA & RCM

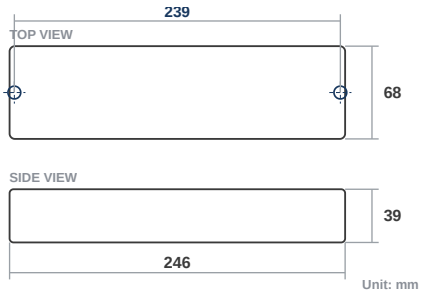
- 240 W constant-voltage output, dimmed straight from a mains wall dimmer.
- Compatible with both leading-edge and trailing-edge TRIAC dimmers.
- Smooth flicker-free dimming curve with no minimum load.
- Wide 200-240 VAC input with active PFC, efficiency to 91%.
- Waterproof IP67 aluminium case for indoor or outdoor use, natural convection cooling, no fan.
- SAA approved & RCM compliant for Australian installations.

240W MAX OUTPUT	IP67 WATERPROOF	SAA SAA APPROVED	RCM RCM COMPLIANT
TRIAC MAINS DIMMABLE	0.95 POWER FACTOR	ALUMINIUM CASE	4 4-YEAR WARRANTY

TECHNICAL DETAILS

Volka SKU	VL-TRC-240W-12V	VL-TRC-240W-24V
Output Voltage	DC 12 V	DC 24 V
Output Current	20 A	10 A
Output Power	240 W	
AC Input	200-240 VAC · 50/60 Hz	
Efficiency (full load)	91% @ 230VAC	91% @ 230VAC
Power Factor	PF > 0.95 @ 230VAC	
THD / Standby Power	< 10% · < 2 W	
Dimming	TRIAC, leading & trailing edge mains dimmers	
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 ~ +50 °C (Tc 80 °C)	
Housing / IP Rating	Aluminium, waterproof · IP67 (indoor & outdoor)	
Dimensions / Weight	246 × 68 × 39 mm · 1.50 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-TRC-240W-12V	MV240T12	DC 12 V	20 A	240 W	IP67
VL-TRC-240W-24V	MV240T24	DC 24 V	10 A	240 W	IP67

Dimming: wire the TRIAC wall dimmer into the AC mains side (Active / Neutral) ahead of the driver. Leading- or trailing-edge both work. **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.