VOLKA LIGHTING

IP67 · NON-DIMMABLE

480 W LED Driver

Constant voltage — 24V



NON-DIMMABLE CONSTANT VOLTAGE LED DRIVER · 480 W · IP67

SKU: VL-NDM-480W-24V · 100–277 VAC In · Aluminium · SAA & RCM

- 480 W constant-voltage output for 24V LED lighting.
- Fully waterproof IP67 aluminium case — indoor or outdoor.
- Wide 100–277 VAC input with active built-in PFC.
- High efficiency to 94% and power factor > 0.95 @ 230VAC.
- Full protection: short-circuit, over-voltage & overload.
- SAA approved & RCM compliant for Australian installations.

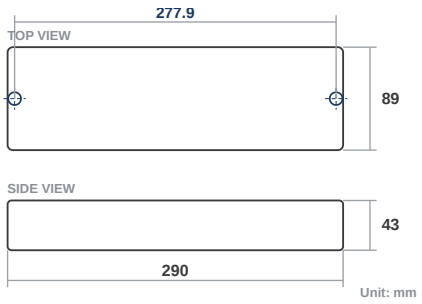
480W	IP67	SAA	RCM
MAX OUTPUT	WATERPROOF	SAA APPROVED	RCM COMPLIANT

0.95	SELV		4
POWER FACTOR	SELV OUTPUT	ALUMINIUM CASE	4-YEAR WARRANTY

TECHNICAL DETAILS

Volka SKU	VL-NDM-480W-24V
Output Voltage	DC 24 V
Output Current	20 A
Output Power	480 W
AC Input	100–277 VAC · 50/60 Hz
Efficiency (full load)	94% @ 230VAC
Power Factor	PF > 0.95 @ 230VAC
THD / Standby Power	< 17% @ 230V · < 2 W
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	290 × 89 × 43 mm · 3.00 kg
Lifetime	50,000 hours
Certification	SAA · RCM · CE · ETL · RoHS
Warranty	4 Years

DIMENSIONS & MOUNTING



290 × 89 × 43 mm · 277.9 mm mounting centres · Ø4.5 mm holes

PRODUCT VIEW



ORDERING INFORMATION

Volka SKU	Series Model	Output Voltage	Output Current	Power	IP Rating
VL-NDM-480W-24V	MV480N24	DC 24 V	20 A	480 W	IP67

Installation: mount on a flat, non-combustible surface and leave free air around the case — these drivers cool by natural convection. For best service life run at no more than 90% of rated output. The DC output is SELV; observe polarity and do not parallel driver outputs.

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