

Champ VMVL LED luminaires with emergency back-up

Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2
Cl. II, Div. 1, Groups E, F, G
Cl. III & Simultaneous Presence

UL Listed
CSA Certified
Wet Locations
Type 4X; IP66

7L

Champ VMVL LED luminaires are engineered to provide maintenance-free illumination in the most demanding hazardous rated environments.

Champ VMVL LED luminaires are now available with an integral battery back-up with 90 minutes of emergency lighting to keep your facility and people safe.

Applications:

- Egress and emergency lighting for areas requiring uninterrupted lighting during power failure
- Hazardous rated indoor and outdoor emergency lighting in manufacturing plants, heavy industrial, chemical and petrochemical facilities, platforms, loading docks and parking areas

Certifications and compliances:

NEC/CEC (pending):

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Division 1, Groups E, F, G
- Class III
- Simultaneous Presence
- Wet locations, Type 4X, IP66

UL standards (pending):

- UL844 – Hazardous (Classified) Locations
- UL1598 – Luminaires
- UL1598A – Marine Locations
- UL924 – Emergency Luminaire

CSA standard (pending):

- C22.2 No. 137

Photometrics:

- Refer to www.eaton.com (under the Resources tab of each product family) for specific photometric IES files



Electrical ratings:

Model	Input power (watts)	Nominal lumens	Current draw: 120-277 VAC ^A	
			Battery EM not charging	Battery EM charging ^C
VMVL-3 ^B	30	3,250	0.10 - 0.27A	0.12 - 0.32A
VMVL-5	46	5,537	0.16 - 0.45A	0.18 - 0.50A
VMVL-7	68	7,442	0.21 - 0.61A	0.23 - 0.66A
VMVL-9	76	9,234	0.26 - 0.76A	0.28 - 0.81A
VMVL-11	102	11,114	0.32 - 0.92A	0.32 - 0.92A

All models – emergency output mode

VMVL-UNV1	1,000 lumens (100-277V)
Voltage range, VAC ^A	100-277V at 50/60 Hz
Power factor	≥0.90
THD	≤20%

All models

Surge protection	4kV
Effective projected area	1.35 ft ²
Dimensions (HxW)	15.68" x 11.56"
Weight	32.7 lbs

Temperature performance data:

	VMVL-3 to VMVL-7	
	40°C	50°C
Class I, Division 2	T4A	T4A
Class II, Division 1	T6	T6
Simultaneous rating		
Class I, Divisions 1 & 2	T3A	T3
Class I, Zone 2	T4	T4
Zone 21	68°C	68°C

	VMVL-9 and VMVL-11	
	40°C	
Class I, Division 2	T6	
Class II, Division 1	T6	
Simultaneous rating		
Class I, Divisions 1 & 2	T3A	
Class I, Zone 2	T6	
Zone 21	68°C	

^A IEC voltage; 100-240 VAC at 50/60 Hz.

^B For VMVL-3: PF >0.9 from 100-255 VAC.

^C Maximum AC power draw by the charge controller is 4 watts.

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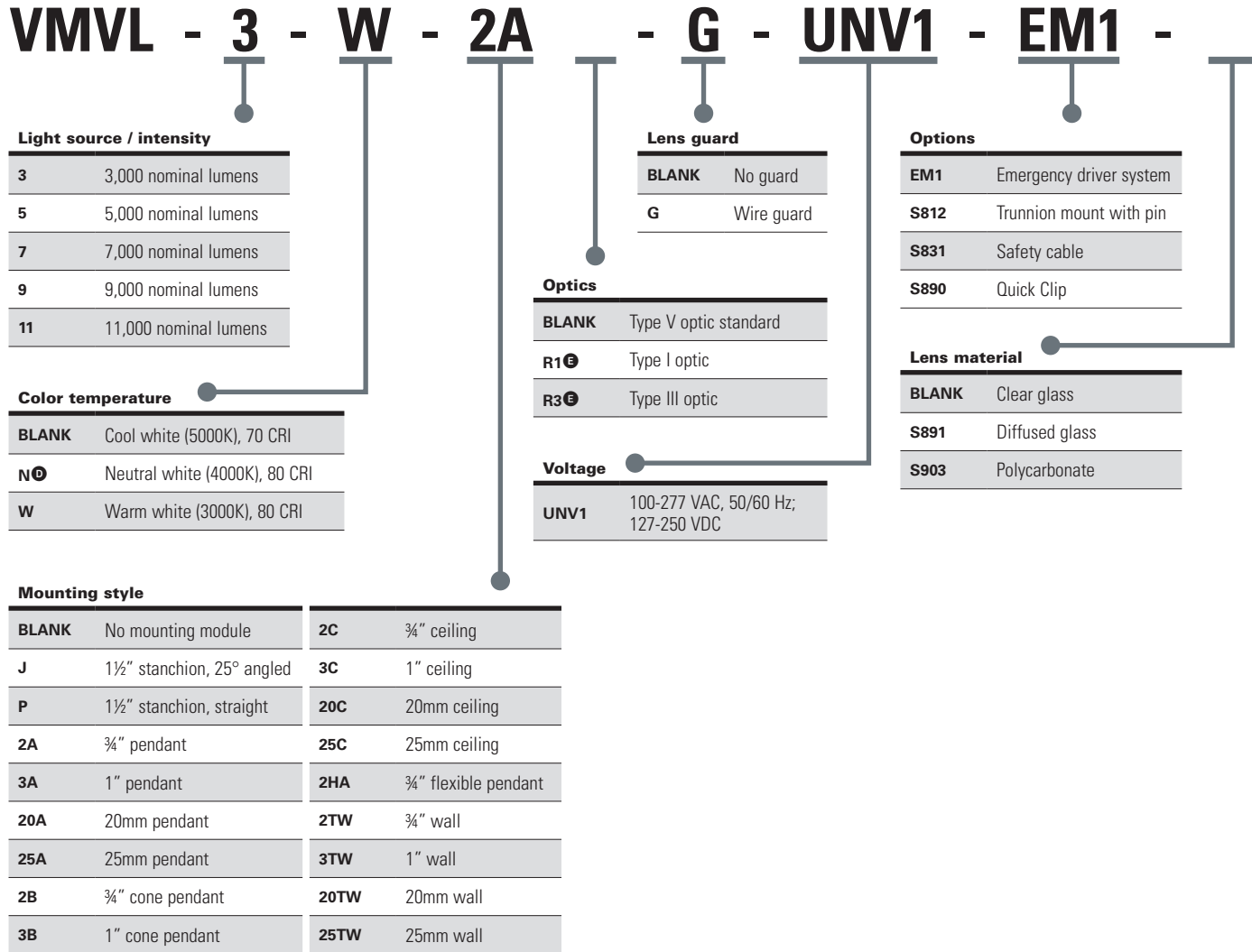
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Ordering information:

Part number example

VMVL-3-W-2A-G-UNV1-EM1



Options:

Description	Suffix
• Emergency driver system.....	EM1
• Trunnion mount with pin	S812
• Safety cable	S831
• Quick Clip	S890
• Diffused glass lens	S891
• Polycarbonate lens	S903

Accessories (ordered separately):

Description	Cat. #
• Trunnion mount kit with pin	VMVL S812 K1 [ⓔ]
• Safety cable	VMVL S831 K1
• Quick Clip	VMVL S890 K1
• Wire guard.....	P3002
• Replacement EM battery.....	VMVL EM BATTERY REPLACEMENT KIT
• Replacement EM driver...VMVL EM DRIVER REPLACEMENT KIT	

Authorised Distributor:



46, Jalan SS 22/21, Damansara Jaya,
47400 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.

Email: ampmech@ampmech.com
Website: www.ampmech.com

[ⓓ] Consult factory for lead time.

[ⓔ] Available on VMVL-3 to VMVL-7 models only.

[ⓕ] Available with ceiling mounted modules only.