Champ® VMV LED

IEC NEC CEC INMETRO GOST

Primary Applications

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, heavy industrial or petrochemical facilities, platforms, loading docks, tunnels, outdoor wall and stanchion mounted general area lighting.

Luminaire Models

Model	Equivalent Light Output	Energy Savings
VMV3L	70W-100W	58%
VMV5L	100W-150W	
VMV7L	150W-175W	
VMV9L	175W-200W	
VMV11L	200W-400W	

Certifications & Compliances

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Groups E, F, G
- Class III
- UL844; UL1598; UL1598A
- CSA C22.2 No. 137
- Type 4X, IP66
- Ⓔx II 3 G Ex nA II (T4 at 55°C)
- Ⓔx II 3 G Ex nA II (T5 at 40°C)
- EN60079-0:2006, EN60079-15:2006

Electrical Ratings

Voltages: 100-277VAC, 347/480VAC, 108-250VDC
Input Power: 47W, 70W, 98W, 137W

Half the energy consumption of traditional light sources, better lumen output and no maintenance

Options and Accessories

- Quick Clip
- Diffuse Lens
- Teflon Coated Lens
- Polycarbonate Lens

Design Features

Ⓐ **Modular design -** This contractor-friendly design is ideal for both retrofit and new construction applications.

Ⓑ **Safe, reliable heat transfer -** A durable extrusion provides safe and effective heat transfer from the LED assembly to the outside environment, ensuring low LED junction temperature, reliability and sustained lumen performance.

Ⓒ **High efficiency drivers -** Designed to provide reliable operation in even the harshest environments.

Ⓓ **Type 4X rated -** The LED housing is constructed of durable die cast aluminum, providing an efficient thermal path to the heat sink assembly. The impact-resistant lens is sealed from the outside environment and provides ingress protection against water and dust.