

Champ® VMV LED luminaires



Custom Type I, III and V optics for better output, zero maintenance and reduced energy consumption

DESIGN FEATURES

- A. Modular design** - This contractor-friendly design is ideal for both retrofit and new construction applications.
- B. Safe, reliable heat transfer** - Die cast aluminum housing provides safe and effective heat transfer from the LED assembly to the outside environment, ensuring low LED junction temperature, reliability and sustained lumen performance.
- C. High efficiency drivers** - Designed to provide reliable operation in even the harshest environments.
- D. 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.
- E. Custom optics** - Type I, III and V optics designed to maximize light distribution and intensity.
- F. Lever-lock connectors and 3-pole terminal block.**



PRIMARY APPLICATIONS

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

LUMINAIRE MODELS

Model	Equivalent HID luminaire	Energy savings
VMV3L	70W-100W	Up to 77%
VMV5L	100W-150W	
VMV7L	150W-175W	
VMV9L	250W-320W	
VMV11L	320W-400W	
VMV13L	400W	
VMV17L	400W-600W	
VMV21L	600W-750W	
VMV25L	750W-1,000W	

CERTIFICATION AND COMPLIANCES

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2 nA nR; Zone 21 tb
- Class II, Groups E, F, G
- Class III
- UL844; UL1598; UL1598A; UL8750; UL50; UL50E
- CSA C22.2 No. 137
- Type 4X, IP66
- IECEx/ATEX Certified; Zone 2/21
- DesignLights Consortium® approved for select models*
- CE

ELECTRICAL RATINGS

- Voltages: 120-277 VAC / 108-250 VDC, 347/480 VAC
- Input power: 29W, 43W, 62W, 85W, 113W, 131W, 168W, 196W, 232W

OPTIONS AND ACCESSORIES

- Quick clip
- Diffused lens
- Teflon coated lens
- Polycarbonate lens
- Wire guard
- Trunnion mount
- Cone top hat
- Type I, III and V optics
- Terminal block (TB6) 6-pole

* Refer to www.designlights.org Qualified Products List under family models for full listing details. Not all models are approved for all application categories.