

## Champ® Pro PVM LED luminaire

### PRIMARY APPLICATIONS

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

### LUMINAIRE MODELS

| Model  | Equivalent HID luminaire | Energy savings |
|--------|--------------------------|----------------|
| PVM3L  | 70W-100W                 | Up to 77%      |
| PVM5L  | 100W-150W                |                |
| PVM7L  | 150W-175W                |                |
| PVM9L  | 250W-320W                |                |
| PVM11L | 320W-400W                |                |
| PVM13L | 400W                     |                |
| PVM17L | 400W-600W                |                |
| PVM21L | 600W-750W                |                |
| PVM25L | 750W-1,000W              |                |

### CERTIFICATION AND COMPLIANCES

- UL1598; UL1598A
- cUL
- Type 4X
- IP66
- DesignLights Consortium® approved for select models\*
- cUL Listed to CSA Standard CSA C22.2 No. 250
- IEC standard: CE
- UL approved up to 65°C ambient (3L-11L UNV1; all other models 55°C)

### 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
- Occupancy sensor and remote



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.**



\* Refer to [www.designlights.org](http://www.designlights.org) Qualified Products List under family models for full listing details. Not all models are approved for all application categories.