

Champ Pro PVM high bay LED luminaires

Engineered for long life and rugged construction

The Champ Pro PVM LED high bay luminaire is a durable, high lumen and high ambient solution for complex industrial applications. Constructed of heavy duty, die cast aluminum, the PVM delivers up to 85,000 lumens and is built to operate in up to 65°C environments.

Model	Nominal lumens	Wattage*	Equivalent MH luminaire	Typical energy savings/lifetime
PVM60L	60,000	472	1000W	Up to 65% reduction in energy costs and 60,000 hours of continuous operation!
PVM85L	85,000	678	1500W	

* At 277 VAC.

Primary applications:

- High bay with mounting heights from 60 to 100+ feet
- Locations requiring continuous and consistent light levels
- Areas requiring frequent on-and-off of lights
- Areas that are difficult to re-lamp or that cause production to be stopped during the lamp maintenance process
- Ordinary clean, light industrial production facilities, packaging facilities and warehouses

Key features & benefits:

- High efficacy: 132 lm/W
- Lifetime – L87 at 60,000 hours
- Precision optics in four different distributions
- Extreme ambient temperature range
 - PVM60L: -40°C to +65°C
 - PVM85L: -40°C to +50°C
- 3G vibration rating with optional surface mount bracket
- Two CCT colors: 4000K and 5000K at 85 CRI



Electrical ratings:

Model	Input power (watts)			Input amperage		
	277	347	480	277	347	480
PVM60L	472	469	468	1.8	1.5	1.1
PVM85L	678	668	666	2.5	2.0	1.4

PVM60L and PVM85L

Voltage range, VAC	277V-480V at 50/60 Hz
Power factor	>0.90

Certifications and compliances:

- cULus wet location
- IP66
- NEMA 4X
- ROHS compliant
- DLC pending

Options:

- Control options include standard fixed output or optional 0-10V dimming
- Universal mounting allows for suspended, pipe or hook mount. Optional surface mount bracket available.

Construction:

- Heavy duty, die cast aluminum housing for added durability and thermal control
- Standard black polyester powder coat finish painted after fabrication



Powering Business Worldwide

Ordering information

Part number example

PVM60LNMMN/UNV2748 D

Champ Pro PVM, 60,000 lumens, neutral white, multi-mount, narrow optics, 277-480 VAC, dimmable driver, integrated junction box, black

PVM 60L N MM N /UNV2748 D

Light source/intensity

60L	60,000 nominal lumens
85L	85,000 nominal lumens

Color temperature

BLANK	5000K, 85 CRI (cool)
N	4000K, 85 CRI (neutral)

Mount

MM	Multi-mount
SS	Surface mount

Optics

BLANK	Wide
N	Narrow
M	Medium
EW	Extra wide

Voltage

/UNV2748	277-480 VAC, 50/60 Hz
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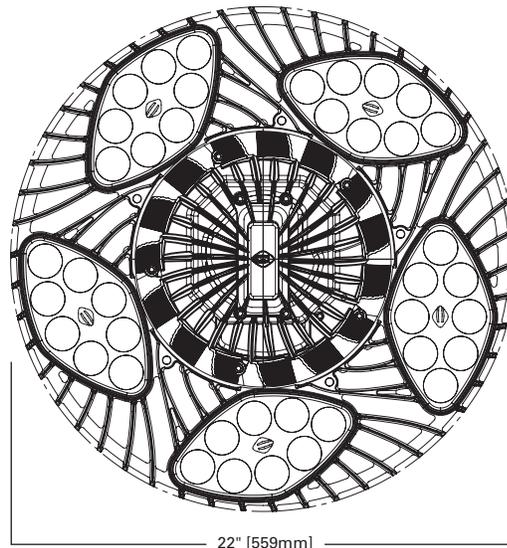
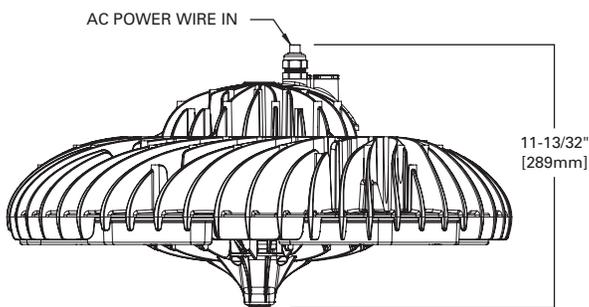
Dimming

BLANK	Fixed output
D	Dimmable 0-10 V

Wiring

BLANK	Integrated junction box
SO6	6 foot cord, no plug
PSO6/277	NEMA L7-15P (6 foot cord with NEMA plug)
PSO6/347	NEMA L24-20P (6 foot cord with NEMA plug)
PSO6/480	NEMA L8-20P (6 foot cord with NEMA plug)

Dimensions



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Eaton.com

Eaton's Crouse-Hinds
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