

Champ Pro PVM high bay LED luminaires

cULus Listed
NEMA 4X; IP66

2L

High lumen and high ambient solution for extreme heights

2L

The Champ Pro PVM high bay LED family

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	Watts ^A	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	

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

Features:

- 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

Certifications and compliances:

- cULus wet locations
- NEMA 4X, IP66
- RoHS compliant
- DLC pending

Standard material:

- Housing – die cast aluminum

Standard finish:

- Aluminum – standard black polyester powder coat painted after fabrication

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

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)			Input amperage		
	277V	347V	480V	277V	347V	480V
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	120-240 VAC; 277-480 VAC, 50/60 Hz
Power factor	>0.90

^AAt 277 VAC.

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Ordering information:

Part number example

PVM60LNMMN/UNV2748 D

PVM 60L N MM N /UNV1224 D

Series

PVM	Champ Pro PVM high bay LED luminaire
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Color temperature

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

Optics

BLANK	Wide
N	Narrow
M	Medium
EW	Extra wide

Voltage

/UNV1224	120-240 VAC, 50/60 Hz
/UNV2748	277-480 VAC, 50/60 Hz

Light source / intensity

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

Mounting style

MM	Multi-mount
SS	Surface mount

Dimming

BLANK	Fixed output
D	Dimmable 0-10V

Wiring

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

Dimensions:

