

LED lighting for harsh industrial Champ Pro PVMA LED

CROUSE-HINDS
SERIES

Champ[®] Pro PVMA LED

Rugged solutions for complex environments.

Eaton's Crouse-Hinds Champ Pro PVMA LED luminaires are engineered to provide maintenance-free illumination in the most demanding environments.

The Champ Pro PVMA features a compact, high-efficacy design with custom optics to ensure maximum efficiency and mounting flexibility including the ability to retrofit the Crouse-Hinds installed base to service both LED upgrades and new projects.

Primary applications:

- Non-hazardous medium or heavy duty industrial environments
- Indoor or outdoor areas with extreme ambient temperatures; corrosive, wet or dusty conditions; high vibration installations
- Locations requiring consistent light levels with the flexibility of instant on/off
- Installations that require frequent re-lamping due to challenging conditions
- Mining, marine, food & beverage, wood, pulp & paper, pharmaceutical, livestock, wastewater, steel, power generation, chemical, automotive, aviation, aerospace and general industrial manufacturing

Design features:

- **Rugged design** - Die cast aluminum construction with Corro-free epoxy powder coat for durability in complex environments.
- **High efficiency** - Up to 122 LPW and custom optics to maximize light on the work plane
- **Ease of Installation**- Compact footprint with ceiling, pendant, wall or stanchion mount options and the ability to retrofit Crouse installed base
- **5 year fixture warranty†**

† Refer to the authorized distributor price book for Crouse-Hinds standard Terms and Conditions.



Model number	Nominal lumens	Watts	Efficacy	Equivalent MH luminaire
PVMA5L	5,884	48	122 lm/W	150W
PVMA7.5L	7,766	64	122 lm/W	175W

*Nominal lumens based on Type V optics, 5000K CCT with clear glass lens.
Wattage measured at 120 VAC.

Electrical ratings:

Model number	Input power (watts)	Input amps at 277 VAC
PVMA5L	48	0.17
PVMA7.5L	64	0.23

All models	
Voltage range, VAC	120-277V at 50/60 Hz, 347-480V at 50/60 Hz
Voltage range, VDC	127-300V
Power factor	≥0.90
THD	≤ 20%

Surge Rating	/UNV1		/UNV34
Model	Line to line	Line to earth	Combi-wave surge*
PVMA5L	4kV	6kV	6kV
PVMA7.5L	6kV	10kV	6kV

*Combi-wave surge rating to comply with ANSI C82.77-5 CAT C low

Certifications & compliances:

- NEC and CEC
- UL Standards: UL1598, UL1598A
- CSA Standard: C22.2 No. 250
- CE
- IP66
- RoHS
- IEC 60598

EAT•N

Powering Business Worldwide

Ordering information

Part number example

Champ Pro PVMA, 5,800 lumens, 3000K warm white, 3/4" ceiling mount, Type I optics, wire guard, 120-277 VAC driver, safety cable, diffused glass lens

PVMA-5L - W - 2C - R1 - G - UNV1 - S831 - S891

Light source/intensity

5L	5,800 nominal lumens
7.5L	7,700 nominal lumens

Color temperature*

BLANK	5000K, 70 CRI (cool white)
W	3000K, 70 CRI (warm white)

Lens guard

BLANK	No guard
G	Wire guard

Voltage

/UNV1	120-277 VAC, 50/60 Hz; 127-300 VDC
/UNV34	347-480 VAC, 60 Hz

Lens

BLANK	Clear glass
S891	Diffused glass
S896	Teflon coated
S903	Polycarbonate
S903D	Diffused polycarbonate
UPLT*	Uplight glass globe

Optics

BLANK	Type V optic
R1	Type I optic
R3	Type III optic

Accessories†

S812*	Trunnion mount kit with pin
S831	Safety cable
S890	Quick clip

†Ordered with fixture or available separately.
*Available with ceiling mounting modules only.

*For use with Type V optic only.

Mounting

BLANK	No mounting module
J	1-1/2" stanchion, 25° angled
P	1-1/2" stanchion, straight
2A	3/4" pendant
3A	1" pendant
20A	20mm pendant

25A	25mm pendant
2B	2-3/4" cone pendant
3B	1" cone pendant
2HA	3/4" flexible pendant
2C	3/4" ceiling
3C	1" ceiling

20C	20mm ceiling
25C	25mm ceiling
2TW	3/4" wall
3TW	1" wall
20TW	20mm wall
25TW	25mm wall

Accessories (ordered separately)

Replacement driver kits

PVMA5L/UNV1 DRIVER KIT	Replacement driver kit for UNV1 driver (120-277 VAC, 50/60 Hz; 127-300 VDC)
PVMA5L/UNV34 DRIVER KIT	Replacement driver kit for UNV34 driver (347-480 VAC, 60 Hz)

PVMA7.5L/UNV1 DRIVER KIT	Replacement driver kit for UNV1 driver (120-277 VAC, 50/60 Hz; 127-300 VDC)
PVMA7.5L/UNV34 DRIVER KIT	Replacement driver kit for UNV34 driver (347-480 VAC, 60 Hz)

Mounting adapters

CHMM1	For Appleton MercMaster III mounts
CHMM2	For MercMaster II mounts

CHMM3	For Thomas & Betts HazLux mounts
CHMM4	For GE H2 Filtr-Gard mounts

Mounting & hardware

VMVL S812 K1	Trunnion mount kit with pin
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VMVL S831 K1	Safety cable
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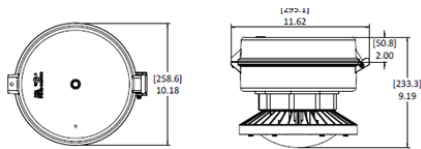
VMVL S890 K1	Quick clip
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Lens guard

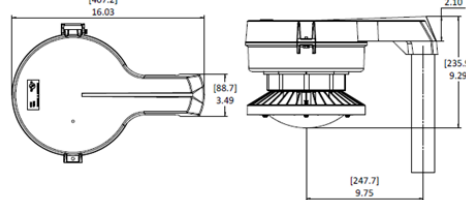
PA3001	Wire guard
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Dimensions

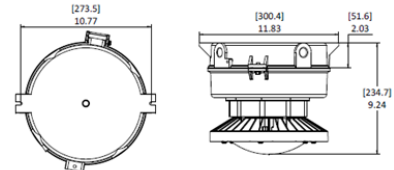
Pendant



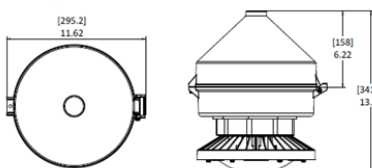
Stanchion – straight



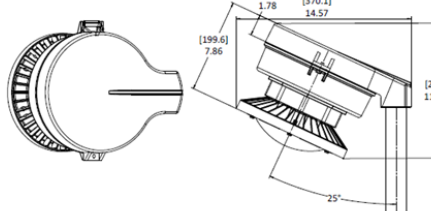
Ceiling



Cone pendant



Stanchion – 25° angled



Wall

