



# Champ<sup>®</sup> 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-Hinds 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	0.21
PVMA7.5L	64	0.28
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%	

### Certifications & compliances:

- DesignLights Consortium<sup>®</sup> Qualified
- NEC and CEC
  - UL Standards: UL1598, UL1598A
  - CSA Standard: C22.2 No. 250
- CE
- IP66
- RoHS
- IEC 60598



Powering Business Worldwide

Surge Rating	/UNV1		/UNV34
	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

# Ordering information

## Part number example

Champ Pro PVMA, 5,800 lumens, 3000K warm white, ¾" 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)

\*4000K and 5700K are available upon request; consult factory.

### 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 material

**BLANK** Clear glass

**S891** Diffused glass

**S903** Polycarbonate

**S903D** Diffused polycarbonate

### Optics

**BLANK** Type V optic standard

**R1** Type I optic

**R3** Type III optic (all mounts minus ceiling)

**R3AP\*** Type III optic (select when using Appleton® top hat adapter with Champ fixture)

**R3A1\*** Type III optic (ceiling with conduit 45° counterclockwise from top hat hinge)

**R3A2\*** Type III optic (ceiling with conduit 135° clockwise from top hat hinge)

**R3B1\*** Type III optic (ceiling with conduit 45° clockwise from top hat hinge)

**R3B2\*** Type III optic (ceiling with conduit 135° counterclockwise from top hat hinge)

### Accessories\*

**S812** Trunnion mount kit with pin

**S831** Safety cable

**S890** Quick clip

Ordered with fixture or available separately.

**BLANK** No mounting module

**J** 1-½" stanchion, 25° angled

**P** 1-½" stanchion, straight

**2A** ¾" pendant

**3A** 1" pendant

**20A** 20mm pendant

**25A** 25mm pendant

**2B** 2-¾" cone pendant

**3B** 1" cone pendant

**2HA** ¾" flexible pendant

**2C** ¾" ceiling

**3C** 1" ceiling

**20C** 20mm ceiling

**25C** 25mm ceiling

**2TW** ¾" 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 & hardware

**VMVL S812 K1** Trunnion mount kit with pin

**VMVL S831 K1** Safety cable

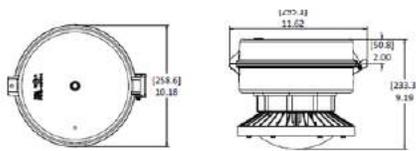
**VMVL S890 K1** Quick clip

### Lens guard

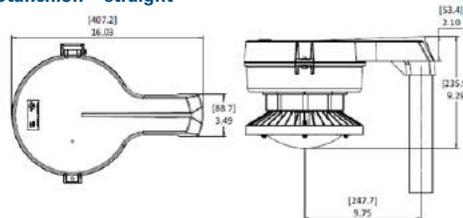
**PA3001** Wire guard

## Dimensions

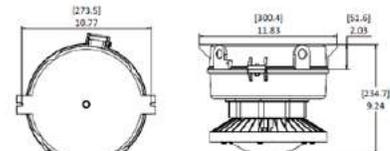
### Pendant



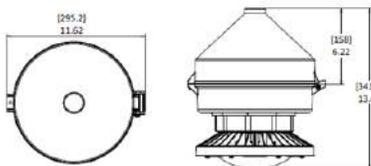
### Stanchion – straight



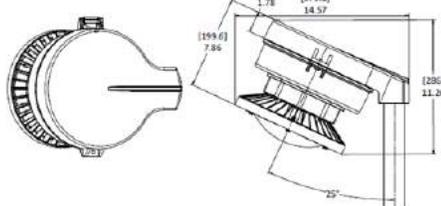
### Ceiling



### Cone pendant



### Stanchion – 25° angled



### Wall

