Champ Pro PVMA LED luminaires

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.

Model	Nominal lumens Ⓐ	Watts Ⓑ	Lumens per watt	Equivalent MH luminaire
PVMA5L	5,884	48	122	150W
PVMA7.5L	7,766	64	122	175W

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 and beverage, wood, pulp and paper, pharmaceutical, livestock, wastewater, steel, power generation, chemical, automotive, aviation, aerospace and general industrial manufacturing

Features:

- Rugged design – engineered for durability in complex environments
- High efficiency – up to 122 lumens per watt 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
- Temperature rating: -40°C to 55°C
- 5 year fixture warranty

Certifications and compliances:

- DesignLights Consortium® Qualified

NEC/CEC:

- IP66

UL standards:

- UL1598 – Luminaires; UL1598A – Marine

CSA standard:

- C22.2 No. 250

IEC standards:

- CE
- IEC 60598
- RoHS

Standard materials:

- Lamp housing and adapter – die cast aluminum with Corro-free epoxy powder coat
- Lens – heat- and impact-resistant glass (standard); diffused glass, polycarbonate, diffused polycarbonate (optional)
- Gaskets – silicone

Photometrics:

- Complete photometrics can be found at www.crouse-hinds.com/photometrics

Electrical ratings:

Model	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 60 Hz
Voltage range, VDC	127-300V at 50/60 Hz
Power factor	≥ 0.90
Surge	4kV
THD	≤ 20%

Accessories:

Mounting (ordered separately)

JM5	1½" stanchion, 25° angled
PM5	1½" stanchion, straight
APM2	¾" pendant
APM3	1" pendant
APM20	20mm pendant
APM25	25mm pendant
BPM2	¾" cone pendant
BPM3	1" cone pendant
CM2	¾" ceiling
CM3	1" ceiling
CM20	20mm ceiling
CM25	25mm ceiling
HPM2	¾" flexible pendant
TWM2	¾" wall
TWM3	1" wall
TWM20	20mm wall
TWM25	25mm wall
VMVL S812 K1	Trunnion mount kit with pin
VMVL S831 K1	Safety cable
VMVL S890 K1	Quick clip

Replacement driver kits (ordered separately)

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)*

Lens guard (ordered separately)

PA3001	Wire guard

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

Ordering information:

Part number example
PVMA5L/UNV1

PVMA	5L	/UNV1	OPTIONS

Light source / intensity

5L	5,884 nominal lumens
7.5L	7,766 nominal lumens

Voltage

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

Consult factory for availability

Color temperature

W🅒	3000K, 70 CRI (warm white)

Voltage

/UNV34	347-480 VAC, 60 Hz

Lens material

S891	Diffused glass
S903	Polycarbonate
S903D	Diffused polycarbonate

Dimensions:
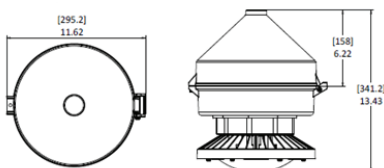
Pendant
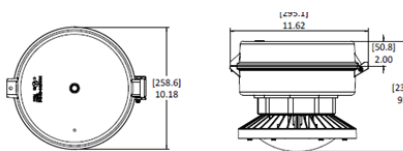
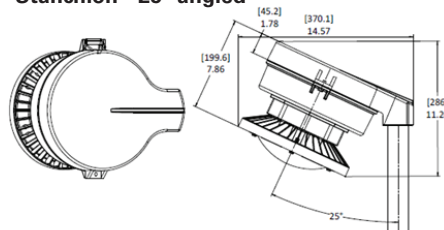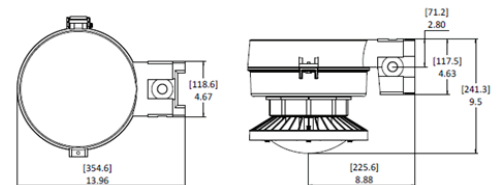**Stanchion - straight**
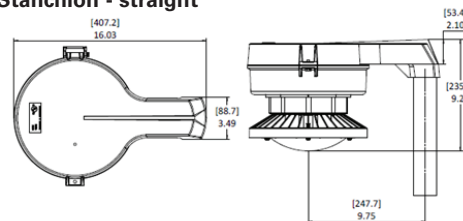
Ceiling
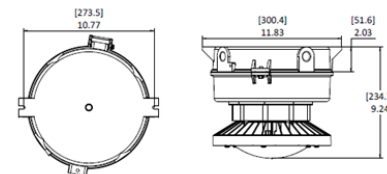
Cone pendant

Stanchion - 25° angled

Wall

🅒 4000K and 5700K available upon request. Contact factory for availability.

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