

# Champ Pro PVMA LED luminaires

UL Listed  
CSA Certified  
IP66  
RoHS

2L

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 <sup>A</sup>	Watts <sup>B</sup>	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 – die cast aluminum construction with Corro-free epoxy powder coat 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
- 5 year fixture warranty

## Accessories:

### Mounting (ordered separately)

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

### Lens guard (ordered separately)

PA3001	Wire guard
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## 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](http://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
Power factor	≥ 0.90
THD	≤ 20%

Surge rating	/UNV1		/UNV34
	Line to line	Line to earth	Combi-wave surge <sup>C</sup>
Model			
PVMA5L	4kV	6kV	6kV
PVMA7.5L	6kV	10kV	6kV

### 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)

<sup>A</sup> Nominal lumens based on Type V optics, 5000K CCT with clear glass lens.

<sup>B</sup> Wattage measured at 120 VAC.

<sup>C</sup> Combi-wave surge rating to comply with ANSI C82.77-5 CAT C low.

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## Ordering information:

Part number example

PVMA5LW2CR1G/UNV1 S831 S891

**PVMA** **5L** **W** **2C** **R1** **G** **/UNV1** **S831** **S891**

### Light source / intensity

<b>5L</b>	5,800 nominal lumens
<b>75L</b>	7,700 nominal lumens

### Color temperature <sup>ⓓ</sup>

<b>BLANK</b>	5000K, 70 CRI (cool white)
<b>W</b>	3000K, 70 CRI (warm white)

### Lens guard

<b>BLANK</b>	No guard
<b>G</b>	Wire guard

### Lens material

<b>BLANK</b>	Clear glass
<b>S891</b>	Diffused glass
<b>S903</b>	Polycarbonate
<b>S903D</b>	Diffused polycarbonate

### Optics

<b>BLANK</b>	Type V optic standard
<b>R1</b>	Type I optic
<b>R3</b>	Type III optic ( <i>all mounts minus ceiling</i> )
<b>R3AP</b>	Type III optic ( <i>select when using Appleton® top hat adapter with Champ fixture</i> )
<b>R3A1</b>	Type III optic ( <i>ceiling with conduit 45° counterclockwise from top hat hinge</i> )
<b>R3A2</b>	Type III optic ( <i>ceiling with conduit 135° clockwise from top hat hinge</i> )
<b>R3B1</b>	Type III optic ( <i>ceiling with conduit 45° clockwise from top hat hinge</i> )
<b>R3B2</b>	Type III optic ( <i>ceiling with conduit 135° counterclockwise from top hat hinge</i> )

### Accessories

<b>S812</b>	Trunnion mount kit with pin
<b>S831</b>	Safety cable
<b>S890</b>	Quick-Clip

Ordered with fixture or available separately.

### Voltage

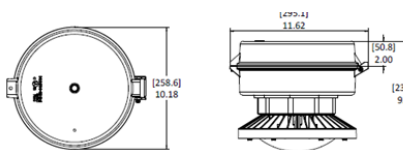
<b>/UNV1</b>	120-277 VAC, 50/60 Hz; 127-300 VDC
<b>/UNV34</b>	347-480 VAC, 60 Hz

### Mounting style

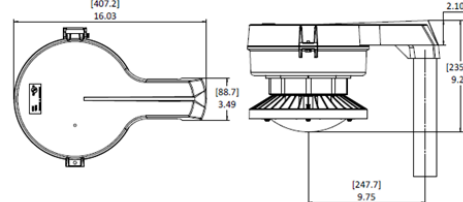
<b>BLANK</b>	No mounting module	<b>3A</b>	1" pendant	<b>3B</b>	1" cone pendant	<b>25C</b>	25mm ceiling	<b>20TW</b>	20mm wall
<b>J</b>	1½" stanchion, 25° angled	<b>20A</b>	20mm pendant	<b>2C</b>	¾" ceiling	<b>2HA</b>	¾" flexible pendant	<b>25TW</b>	25mm wall
<b>P</b>	1½" stanchion, straight	<b>25A</b>	25mm pendant	<b>3C</b>	1" ceiling	<b>2TW</b>	¾" wall		
<b>2A</b>	¾" pendant	<b>2B</b>	¾" cone pendant	<b>20C</b>	20mm ceiling	<b>3TW</b>	1" wall		

## Dimensions:

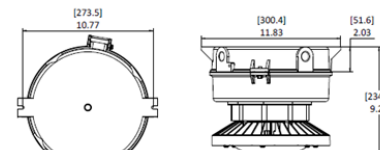
### Pendant



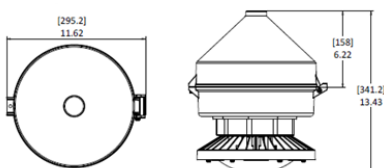
### Stanchion - straight



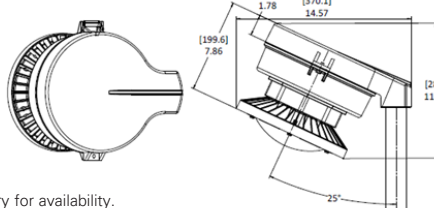
### Ceiling



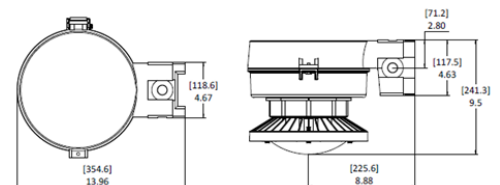
### Cone pendant



### Stanchion - 25° angled



### Wall



<sup>ⓓ</sup>4000K and 5700K available upon request. Contact factory for availability.