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 tothe 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%

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:

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

Powering Business Worldwide

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

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)*

Lens material

BLANK	Clear glass
S891	Diffused glass
S903	Polycarbonate
S903D	Diffused polycarbonate

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

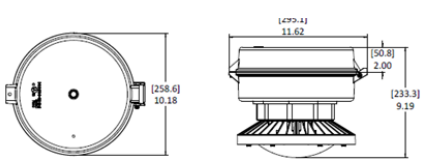
VMVL S812 K1	Trunnion mount kit with pin
VMVL S831 K1	Safety cable
VMVL S890 K1	Quick clip

Lens guard

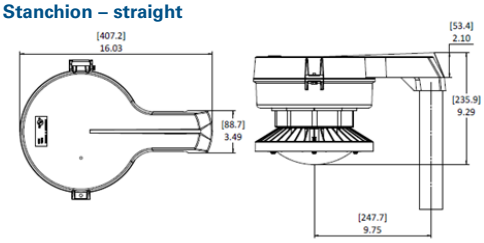
PA3001	Wire guard

Dimensions

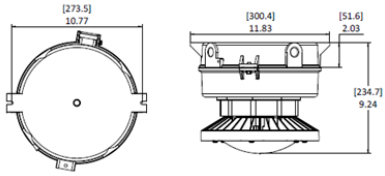
Pendant



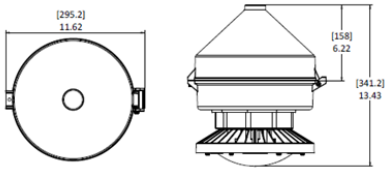
Stanchion – straight



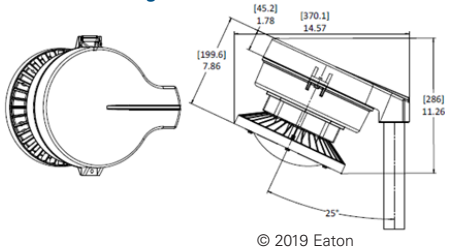
Ceiling



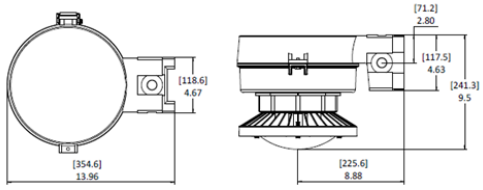
Cone pendant



Stanchion – 25° angled



Wall



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