

Champ PVMA uplight LED lighting for heavy industrial areas

Rugged solutions for complex environments.

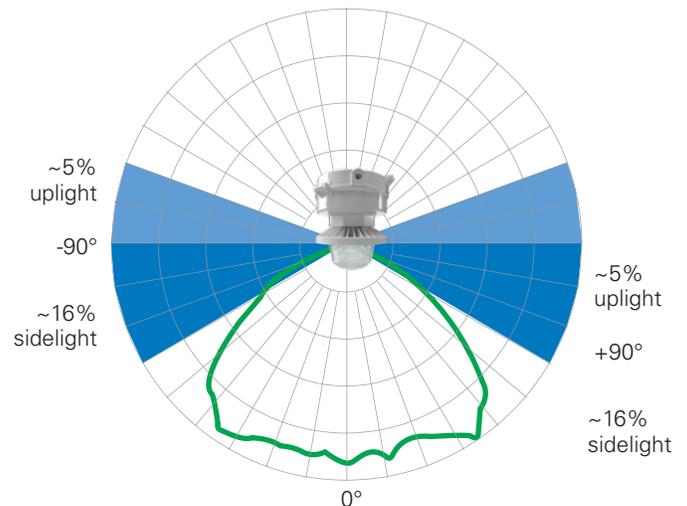
Champ PVMA LED luminaires are now available with an uplight refractor which maximizes light dispersion. The new refractor is perfect for low bay ceilings, suspended pendant mounts, areas with elevated infrastructure or areas which require dispersed side and uplight illumination.

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

*Nominal lumens based on Type V optics, 5000K CCT with clear glass lens. Wattage measured at 120 VAC. Uplight refractor reduces downlight ~10%.



Refractor directs light to sides and above fixture



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 136 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.

Certifications & compliances:

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

Uplight refractor lens benefits:

- ~5% uplight and ~16% sidelight for better visibility
- High impact resistance – meets or exceeds 4 joule impact testing

Electrical ratings:

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

Voltage range- All models	
VAC	120-277V at 50/60 Hz, 347-480V at 50/60 Hz
VDC	127-300V

All models	
Power factor	≥0.90
THD	≤ 20%

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

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



Powering Business Worldwide

Ordering information

Part number example

Champ Pro PVMA, 5,800 lumens, 3000K warm white, ¾" ceiling mount, Type V optics, wire guard, 120-277 VAC driver, safety cable, upright glass globe

PVMA-5L - W - 2C - - G - UNV1 - S831 - UPLT

Light source/intensity

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

Color temperature*

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

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	1-½" 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
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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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Lens guard

PA3001	Wire guard
P3003	UPLT wire guard