

LED lighting
Champ-Pak® WPMV LED wall pack

CROUSE-HINDS
SERIES

Champ-Pak WPMV

LED wall pack for heavy industrial



Safe. Reliable. Efficient.
3,000, 5,000 & 7,000 lumen models

EATON

Powering Business Worldwide



Champ-Pak WPMV wall packs

Safe. Reliable. Efficient.

Featuring a broad range of LED luminaires for harsh industrial environments, Eaton's Crouse-Hinds delivers lighting solutions that perform reliably in even the worst operating conditions. This reduces energy, maintenance, and manpower costs.

Why LED?

Energy efficiency

LED average energy consumption is significantly less than traditional fluorescent and HID fixtures

Start/restart time

Instant illumination vs. 10 minute restrike time for HID

Light quality

Higher color rendering compared to fluorescent and HID

Environmental benefits

Mercury-free LED eliminates disposal costs and lower energy consumption for a smaller carbon footprint

Why Crouse-Hinds?

Industry-best reliability

Built to withstand a wide array of applications

Thermal management

Effective heat sinking ensures longer life

Quality of light

Custom optics designed to maximize light distribution and intensity

Globally certified

Designed to global specifications for IEC and NEC applications

Serviceable drivers

Easy access to drivers for service or replacement

Design features

Built to last:

- Type 4X rated
- Impact-resistant lens sealed from the outside environment provides ingress protection against water and dust
- 60,000+ hours of operation at 55°C
- 5 year fixture warranty†

† Refer to the authorized distributor price book for Crouse-Hinds standard Terms and Conditions.

Simple installation and replacement:

- Contractor-friendly design is ideal for both retrofit and new construction
- Available with lever lock connectors



High efficiency:

- Up to 116 lumens per watt

Multiple lens options:

- Clear glass lens standard
- Optional lenses include:
 - Diffused glass
 - Clear polycarbonate
 - Diffused polycarbonate

Additional options:

- Hub and yoke mounts
- Photocell

Rugged design

- Engineered to perform in ambient temperatures from -40°C to +55°C
- Die cast aluminum LED housing provides efficient thermal path to heat sink assembly
- Vertical fin design facilitates air flow and dust shedding

Why choose Champ-Pak LED wall packs?

Reliable floodlights. WPMV LED wall packs are engineered to deliver high lumen output and maintenance-free long life in the toughest conditions.



WPMV7L vs. 150 watt HID



70%
ENERGY
EFFICIENCY



65%
TOTAL COST
OF OWNERSHIP



100%
MAINTENANCE
REDUCTION

Assumptions: Calculations based on overall life of the LED system. Energy cost of \$.09 per kilowatt; 24 hour per day operation; labor rate of \$75 each for 2 workers; average time for fixture maintenance of 1 hour.

Champ-Pak WPMV LED wall pack



Rugged wall pack solutions.

Eaton's Crouse-Hinds Champ-Pak WPMV LED wall packs are engineered to provide maintenance-free illumination, long life and high performance in extreme conditions.

The Champ WPMV LED is available from 3,000 to 7,000 lumens and is designed for harsh and heavy industrial applications.

Available models:

Model number	Nominal lumens*	Watts	Efficacy	Equivalent MH luminaire
WPMV3L	3,400	30.6	111 Lm/W	70W
WPMV5L	5,200	44.8	116 Lm/W	100W
WPMV7L	6,800	58.9	115 Lm/W	150W-175W

*Nominal lumens based on 5000K CCT with clear glass lens. Wattage measured at 120 VAC.

Primary applications:

- Indoor and outdoor wall mounting or vertical surfaces where minimal depth is required.
- Heavy industrial, mine site processing areas, platforms, loading docks, tunnels, outdoor wall and areas requiring frequent on-and-off of lights
- Locations requiring continuous and consistent light levels in extreme ambient temperatures
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist
- Type 4X, marine, wet locations and hose-down environments

Certifications & compliances:

- NEC and CEC
 - UL Standards: UL1598, UL1598A, UL8750
 - CSA Standard: C22.2 No. 250
- Marine and Wet Locations, NEMA 4X and IP66



Electrical ratings:

Model number	120V		277V		347V		480V	
	Input power	Input amps	Input power	Input amps	Input power	Input amps	Input power	Input amps
WPMV3L	30.6	0.26	30.6	0.11	29.9	0.09	30.3	0.07
WPMV5L	44.8	0.37	43.9	0.16	43.3	0.13	43.7	0.09
WPMV7L	58.9	0.50	57.8	0.23	56.0	0.16	56.2	0.12

All models

Voltage range, VAC	120-277V at 50/60 Hz, 347-480V at 60 Hz
Voltage range, VDC	125, 250VDC
Power factor	≥0.90
Surge	6kV standard
THD	≤ 20%



Champ-Pak WPMV wall packs are designed, tested and certified for extreme environments

Ordering information

Part number example

WPMV3LWY-UNV1-S891 PC1

Champ-Pack WPMV LED wall pack, NEC/CEC rated, 3,400 lumens, 3000K warm white, yoke mount, 120-277 VAC, diffused glass window, 120V photocell

WPMV 3L W Y - UNV1 - S891 PC1

Light source/intensity

3L	3,400 nominal lumens
5L	5,200 nominal lumens
7L	6,800 nominal lumens

Color temperature

BLANK	Cool (5000K)
N*	Neutral (4000K)
W	Warm (3000K)

*Consult factory for availability.

Optics

BLANK	standard
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Mounting

BLANK	Wall
H	Hub
Y	Yoke

Voltage

-UNV1	120-277 VAC, 50/60 Hz; 125, 250VDC
-UNV34	347-480 VAC, 50/60 Hz

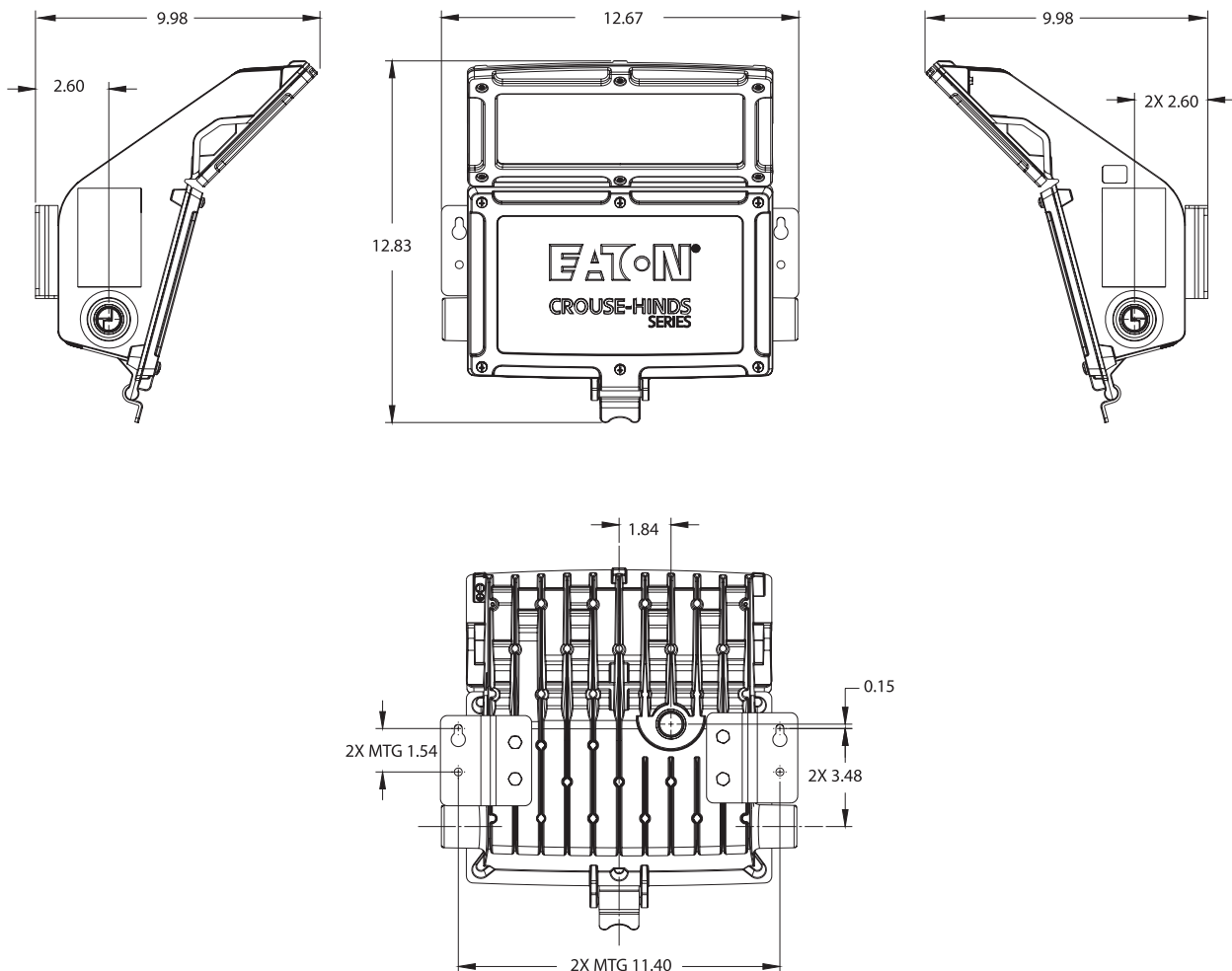
Window material

BLANK	Clear glass
S891	Diffused glass
S903	Clear polycarbonate
S903D	Diffused polycarbonate

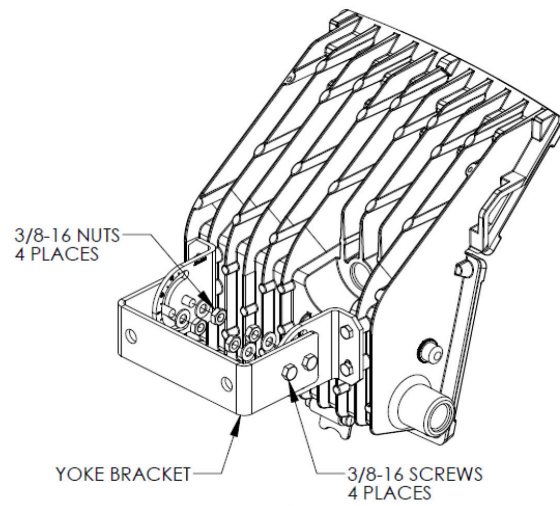
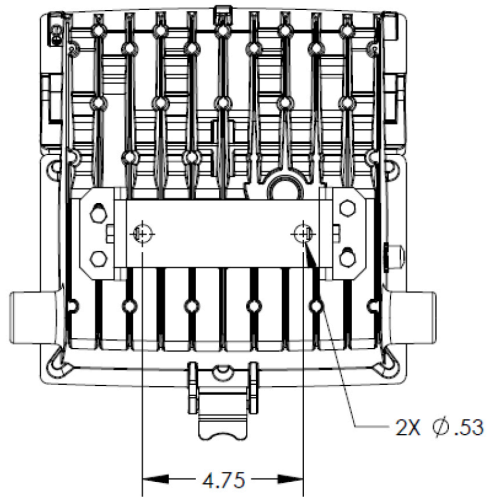
Photocell

PC1	120V
PC2	208-277V

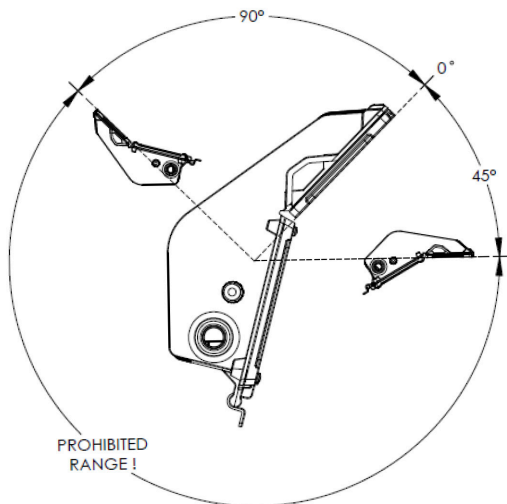
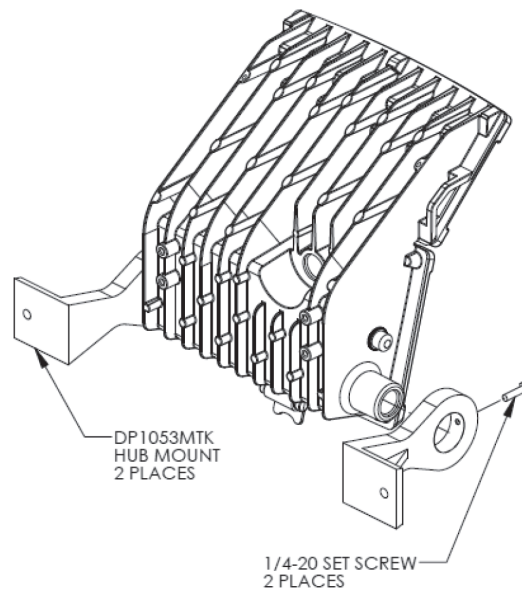
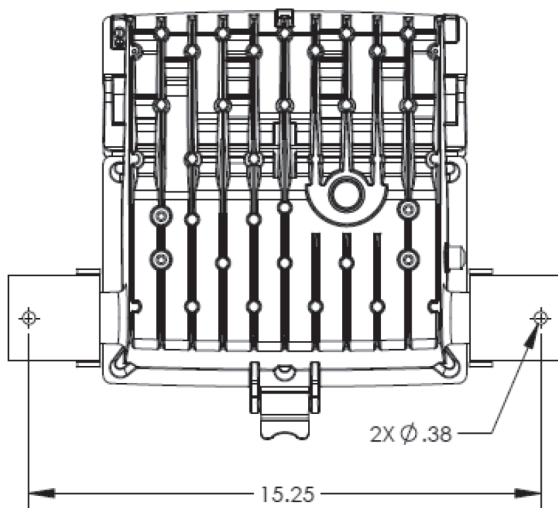
Dimensions



Dimensions: Yoke mount



Dimensions: Hub mount



Mounting method	Angle range	Mounting surface
Wall (standard)	Fixed	Wall
Yoke	+45° to -90°	Wall, Ceiling, Horizontal Surface/Ground
Hub (DP1053MTK)	+45° to -90°	Wall, Ceiling, Horizontal Surface/Ground

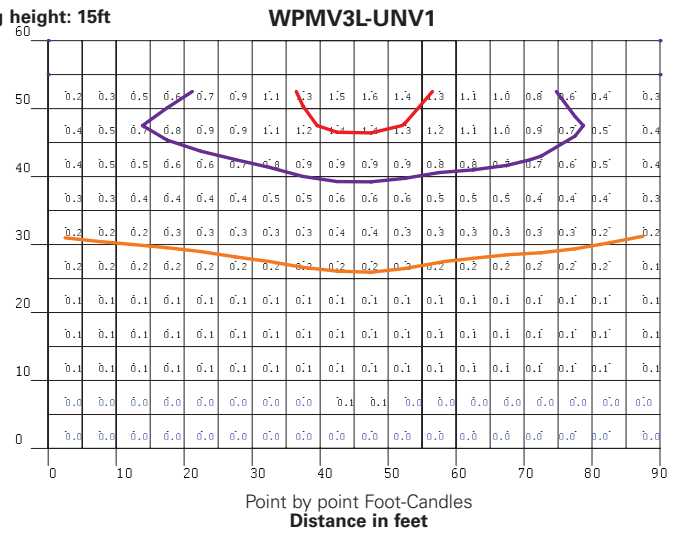
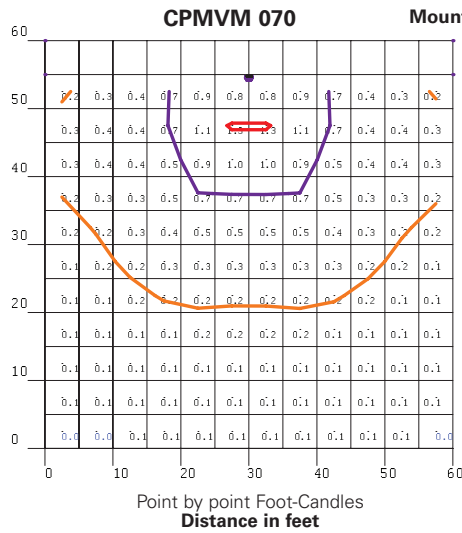
Photometrics

WPMV3L-UNV1

Illuminance (Fc)	
Average	0.3
Min.	0.0
Max.	1.6

CPMVM 070

Illuminance (Fc)	
Average	0.3
Min.	0.0
Max.	1.3

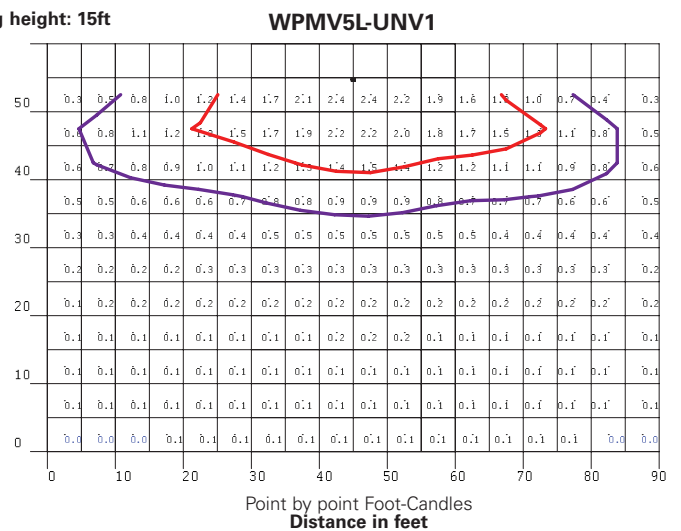
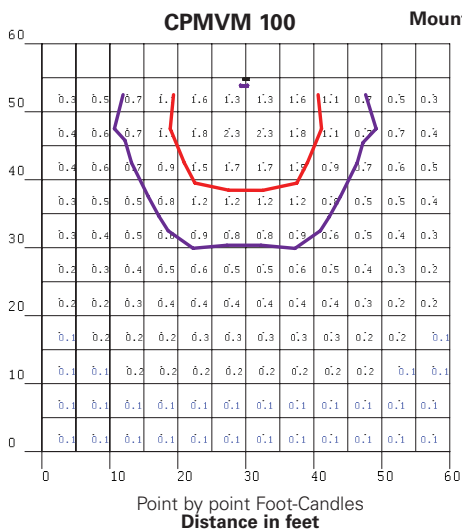


WPMV5L-UNV1

Illuminance (Fc)	
Average	0.5
Min.	0.0
Max.	2.4

CPMVM 100

Illuminance (Fc)	
Average	0.5
Min.	0.1
Max.	2.3



WPMV7L-UNV1

Illuminance (Fc)	
Average	0.7
Min.	0.1
Max.	3.2

CPMVM 150

Illuminance (Fc)	
Average	0.8
Min.	0.1
Max.	1.5

