

Champ VMV LED luminaires

Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2, nA nR
Cl. II, Groups E, F, G
Cl. III & Simultaneous
Presence

UL/cUL Listed
IECEX/ATEX/CE
Wet Locations
Type 4X; IP66

2L

2L

The Champ VMV LED family:

Champ® VMV LED luminaires are designed to provide full-spectrum, crisp, white light with custom IES Type I, III and V distribution. Nine versions of the VMV LED are available, providing ideal solutions for a wide range of applications.

Model	Typical lumens (Type V) ^A	Watts	Lumens per watt	Equivalent HID luminaire	Typical energy savings / lifetime
VMV3L	3,531	29	122	70W-100W	Up to 77%
VMV5L	5,335	43	124	100W-150W	Up to 67%
VMV7L	7,195	62	116	150W-175W	Up to 67%
VMV9L	9,266	85	109	250W-320W	Up to 74%
VMV11L	11,440	113	101	320W-400W	Up to 74%
VMV13L	13,226	130	102	400W	Up to 68%
VMV17L	18,793	168	112	400W-600W	Up to 72%
VMV21L	22,110	196	113	600W-750W	Up to 74%
VMV25L	26,531	232	114	750W-1000W	Up to 77%

Applications:

- For areas with mounting heights of 8-60 feet
- Oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, indoor/outdoor spotlighting, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present
- Locations requiring continuous and consistent light levels in extreme ambient temperatures
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist
- Classified and hazardous locations

Features:

- Instant illumination and restrike
- Cold temperature operation/no warm-up required
- Option for redundancy in drivers with multiple series circuits connected to each driver to avoid complete loss of illumination
- Easy installation – compact modular fixture attaches onto existing Champ mounting module
- Energy-efficient technology – up to 64% energy savings over HID fixtures
- Contains no mercury or other hazardous substances
- Shock- and vibration-resistant solid-state luminaires have no filaments or glass components that could break – greatly reduces the risk of premature failure
- Operating ambient: -40°C to 65°C (VMV3L-VMV11L models); -40°C to 55°C (VMV13L-VMV25L models)
- 5 year fixture warranty^B

Certifications and compliances:

- DesignLights Consortium® Qualified (some models are not DLC qualified)^C

NEC/CEC:

- Class I, Division 2, Groups A, B, C, D; Class I, Zone 2, nA nR; Class II, Groups E, F, G; Class III
- Zone 21 tb
- Simultaneous Presence
- Wet locations, Type 4X, IP66

UL standards:

- UL844; UL1598 – Luminaires; UL1598A – Marine; UL8750; UL50; UL50E

CSA standard:

- cUL Listed to CSA standard CSA C22.2 No. 137

IEC: ^D

- IEC 60079-0:2011; IEC 60079-15:2010; IEC 60079-31:2008; IEC 60598-2-1:1979; IEC 60529:2001
- Ex nA nR IIC T* Gc -40 to +40
- Ex nA nR IIC T* Gc -40 to +55
- Ex nA nR IIC T* Gc -40 to +65
- Ex tb IIIC T*°C Db -40 to +40
- Ex tb IIIC T*°C Db -40 to +55
- Ex tb IIIC T*°C Db -40 to +65

VMV3L-VMV11L only

- IECEX UL 13.0052X

VMV13L-VMV25L only

- IECEX UL 14.0031X

^A Tolerance +/- 10%.

^B Refer to page 2 of the current authorized distributor price book for Eaton's standard Terms and Conditions.

^C Approved models include: VMV3L/UNV1; VMV5L/UNV1; VMV7L/UNV1; VMV9L/UNV1; VMV11L/UNV1; VMV13L/UNV1; VMV17L/UNV1; VMV21L/UNV1; VMV25L/UNV1; VMV3L/UNV34; VMV5L/UNV34; VMV7L/UNV34; VMV9L/UNV34; VMV11L/UNV34. Refer to www.designlights.org Qualified Products List under family models for full listing details. Not all models are approved for all application categories.

^D VMV3L-VMV11L/UNV1 rated to +65°C; VMV13L-VMV25L and VMV3L-VMV11L/UNV34 rated to +55°C.

*See temperature code table on following page.



Certifications and compliances (continued):

ATEX/CE: ^D

- EN 60079-0:2012; EN 60079-15:2010; EN 60079-31:2009; EN 60598-2-1:1989; EN 60929:1991 +A1:2001
- Ex II 3 G Ex nA nR IIC T* Gc -40 to +40
- Ex II 3 G Ex nA nR IIC T* Gc -40 to +55
- Ex II 3 G Ex nA nR IIC T* Gc -40 to +65
- Ex II 2 D Ex tb IIIC T*°C Db IP66 -40 to +40
- Ex II 2 D Ex tb IIIC T*°C Db IP66 -40 to +55
- Ex II 2 D Ex tb IIIC T*°C Db IP66 -40 to +65

VMV3L-VMV11L only

- DEMKO 13 ATEX 1475031X; DEMKO 13 ATEX 1305741X

VMV13L-VMV25L only

- DEMKO 14 ATEX 1324722X; DEMKO 14 ATEX 2274231X

Standard materials:

- Lamp housing and adapter – die cast aluminum with Corro-free epoxy powder coat
- Lens – heat- and impact-resistant glass
- Gaskets – silicone
- External hardware – stainless steel
- Factory sealed, no external seals required

Photometrics:

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

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Presence

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Wet Locations
Type 4X; IP66

2L

LED system:

- High intensity discrete power emitters
- Cool white (5000K, 70 CRI) (standard); warm white, (3000K, 80 CRI) (optional)
- Custom Type I, III and V optics available
- Optics clocking in field to align Type I and Type III light patterns to illumination path for VMV13L-VMV25L

Drivers:

Option	Voltage
/UNV1	120-277 VAC, 50/60 Hz; 108-250 VDC, 50/60 Hz
/UNV34	347-480 VAC, 50/60 Hz

Custom optics:

Three optical options to maximize light distribution and intensity:



TYPE I

Long and rectangular for hallways, walkways, loading docks, catwalks.

Ideal for:

- Mining conveyor belts
- Aisleways and hallways
- Catwalks and walkways
- Ramps and loading docks
- Tunnels with overhead mounts



TYPE III

Wall mount light distribution, minimizing spillover on the wall.

Ideal for:

- Narrow crosswalks or passages with wall mounted fixtures
- Tunnels with wall mount
- Wall or stanchion mount requiring 180° forward throw beam patterns



TYPE V

Regular circular distribution pattern for high/low bay indoor and outdoor ceiling or pendant mount lighting.

Ideal for:

- Pendant, ceiling or stanchion mount overhead building mounts
- Processing mills, industrial plants, large buildings, warehouses, etc.



Colored LED options:

- Available in green and amber[Ⓐ]
- Reduction in light pollution for night space observation and sky glow due to isolating blue wavelength in red and amber colors
- Wildlife-friendly
- Improves visibility for telescopes in observatories during night sky space exploration

Electrical ratings:

	VMV3L	VMV5L	VMV7L	VMV9L	VMV11L	VMV13L	VMV17L	VMV21L	VMV25L
Voltage range, VAC	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input power (watts)	29	43	62	85	113	131	168	196	232
Input amps at 120-277 VAC	0.24 - 0.11	0.35 - 0.16	0.52 - 0.23	0.71 - 0.31	0.95 - 0.41	1.08 - 0.48	1.40 - 0.62	1.64 - 0.73	1.94 - 0.87
Voltage range, VDC	108-250	108-250	108-250	108-250	108-250	108-250	108-250	108-250	108-250
Power factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%	<20%	<20%	<20%	<20%	<20%
Nominal lumens (Type V) [Ⓐ]	3,531	5,335	7,195	9,266	11,440	13,226	18,793	22,110	26,531

Temperature performance data:

Lamp / lumen output	Driver type	Ambient temp. °C	Class I, Div. 2	Class II, Div. 1	Simultaneous rating		Class I, Zone 2		Class III, Div. 1
					Class I, Div. 2; Div. 1	AEx nA nR; Ex nA nR	Zone 21, AEx tb IIIC	Class II, Div. 1, Groups E, F, G	
3L, 5L, 7L, 9L, 11L	/UNV1	40	T5	T5	T3C	T6	T66°C		
3L, 5L, 7L, 9L, 11L	/UNV1	55	T5	T4A	T3A	T5	T83°C		
3L, 5L, 7L, 9L, 11L	/UNV1	65	T4A	T4A	T3A	T4	T92°C		
3L, 5L, 7L, 9L, 11L	/UNV34	40	T3C	T5	T3C	T4	T70°C		
3L, 5L, 7L, 9L, 11L	/UNV34	55	T3A	T4A	T3A	T4	T85°C		
3L, 5L, 7L, 9L, 11L	/UNV34	65	T3A	T4A	T3A	T4	T92°C		
13L, 17L	/UNV1; UNV34	40	T4A	T5	T4A	T6	T66°C		
13L, 17L	/UNV1; UNV34	55	T4	T4A	T4	T5	T81°C		
21L, 25L	/UNV1; UNV34	40	T4A	T5	T4A	T6	T71°C		
21L, 25L	/UNV1; UNV34	55	T4	T4A	T4	T5	T86°C		

[Ⓐ] Custom optics not available with colored LEDs. One model per color; see catalog numbering system on following page.

[Ⓐ] Tolerance +/- 10%.

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Presence

UL/cUL Listed
IECEX/ATEX/CE
Wet Locations
Type 4X; IP66

2L

2L

Ordering information:

Part number example

VMV17LW2AR1G/UNV1 S890

Lamp / function		Options	
3L	3,531 lumen LED	S812 ①	Trunnion mount kit with pin
5L	5,335 lumen LED	S831 ①	Safety cable
7L	7,195 lumen LED	S890	Quick clip
9L	9,226 lumen LED	S891 ①	Diffused lens
11L	11,440 lumen LED	S892 ②	Redundant driver
13L	13,226 lumen LED	S896 ①	Teflon coated lens
17L	18,793 lumen LED	S903	Polycarbonate lens
21L	22,110 lumen LED	TB6	Six-pole terminal block
25L	26,531 lumen LED		
GL ③	Green (4,300 lumen LED)		
AL ③	Amber (5,000 lumen LED)		
Color temperature		Voltage	
BLANK	Cool (5000K), colored	/UNV1	120-277 VAC, 50/60 Hz; 108-250 VDC, 50/60 Hz
W	Warm (3000K)	/UNV34	347-480 VAC, 50/60 Hz
Mounting style		Guard	
BLANK	No cover	BLANK	No guard
J ④	1-½" stanchion, 25° angled	G	P3001 wire guard
P	1-½" stanchion, straight		
2A	¾" pendant		
3A	1" pendant		
20A	20mm pendant		
25A	25mm pendant		
2B	¾" cone pendant		
3B	1" cone pendant		
2C	¾" ceiling		
3C	1" ceiling		
20C	20mm ceiling		
25C	25mm ceiling		
2HA	¾" flexible pendant		
2TW	¾" wall		
3TW	1" wall		
20TW	20mm wall		
25TW	25mm wall		
		Optics	
		BLANK	Type V optic standard (all mounts)
		R1	Type I optic (all mounts minus ceiling for 3L-11L, available with mounts for 13L-25L models)
		R1A ⑤	Type I optic (ceiling with conduit 45° counterclockwise or 135° clockwise from hinge)
		R1B ⑤	Type I optic (ceiling with conduit 45° clockwise or 135° counterclockwise from hinge)
		R3	Type III optic (all mounts minus ceiling)
		R3AP ⑤	Type III optic (select when using Appleton® top hat adapter with Champ fixture)
		R3A1 ⑤	Type III optic (ceiling with conduit 45° counterclockwise from top hat hinge)
		R3A2 ⑤	Type III optic (ceiling with conduit 135° clockwise from top hat hinge)
		R3B1 ⑤	Type III optic (ceiling with conduit 45° clockwise from top hat hinge)
		R3B2 ⑤	Type III optic (ceiling with conduit 135° counterclockwise from top hat hinge)

Accessories (ordered separately):

Description

- Photocell, 120V, 50/60 Hz **D2S20**
- Photocell, 208-277V **D2S208 277**
- Trunnion mount kit with pin **VMVL S812 K1 ①**
- Wire guard with captive mounting hardware **P3001**
- Top hat adapter **CHMM1**

For retrofitting Appleton MercMaster III top hats to Champ VMV luminaires

③ Custom optics not available with colored LEDs.

④ For VMV3L-VMV11L only.

⑤ Order with ceiling mount only.

⑥ Not available for IEC.

⑦ Available for VMV5L and VMV7L only. Redundant driver standard on VMV9L-VMV25L models. 7L = 6,616 lumens with S892 suffix.



CHMM1

Champ VMV LED luminaires

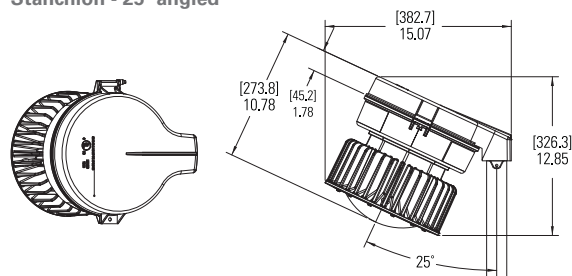
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Wet Locations
Type 4X; IP66

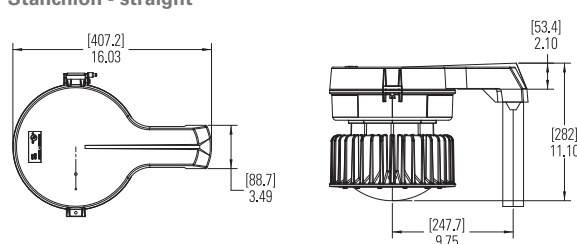
2L

Dimensions:

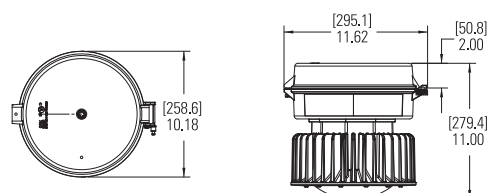
Stanchion - 25° angled



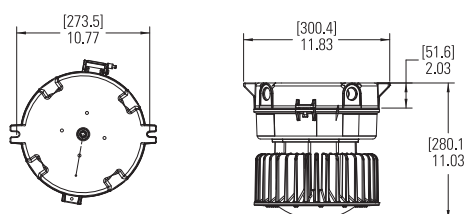
Stanchion - straight



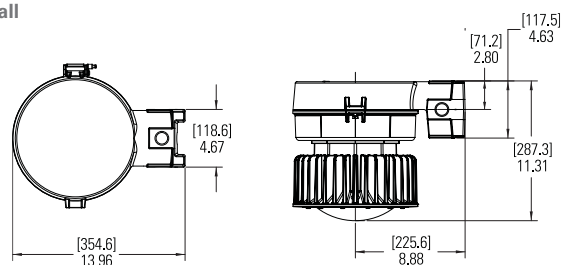
Pendant



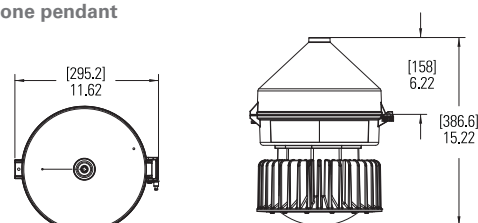
Ceiling



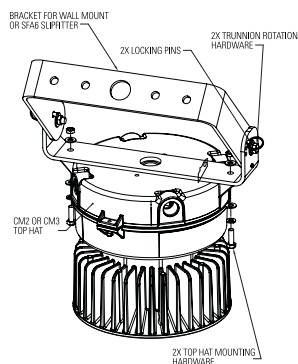
Wall



Cone pendant



Trunnion



Net luminaire weights:

Model	Lbs.	Kg.
VMV3L-VMV11L	21.80	8.07
VMV13L & VMV17L	36.00	16.32
VMV21L & VMV25L	44.00	19.95
Add mounting modules:		
Pendant	1.25	0.57
Cone pendant	4.00	1.81
Flexible pendant	1.50	0.68
Ceiling	2.75	1.25
Wall	4.50	2.04
Angled stanchion ^L	3.50	1.59
Straight stanchion	4.50	2.04

^L Angled stanchion for VMV3L-VMV11L models only.

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IECEX/ATEX/CE
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Model	Typical lumens (Type V) ^A	Watts	Lumens per watt	Equivalent HID luminaire	Typical energy savings / lifetime
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VMV13L	13,226	130	102	400W	Up to 68%
VMV17L	18,793	168	112	400W-600W	Up to 72%
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Applications:

- For areas with mounting heights of 8-60 feet
- Oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, indoor/outdoor spotlighting, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present
- Locations requiring continuous and consistent light levels in extreme ambient temperatures
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist
- Classified and hazardous locations

Features:

- Instant illumination and restrike
- Cold temperature operation/no warm-up required
- Option for redundancy in drivers with multiple series circuits connected to each driver to avoid complete loss of illumination
- Easy installation – compact modular fixture attaches onto existing Champ mounting module
- Energy-efficient technology – up to 64% energy savings over HID fixtures
- Contains no mercury or other hazardous substances
- Shock- and vibration-resistant solid-state luminaires have no filaments or glass components that could break – greatly reduces the risk of premature failure
- Operating ambient: -40°C to 65°C (VMV3L-VMV11L models); -40°C to 55°C (VMV13L-VMV25L models)
- 5 year fixture warranty^B

Certifications and compliances:

- DesignLights Consortium® Qualified (some models are not DLC qualified)^C

NEC/CEC:

- Class I, Division 2, Groups A, B, C, D; Class I, Zone 2, nA nR; Class II, Groups E, F, G; Class III
- Zone 21 tb
- Simultaneous Presence
- Wet locations, Type 4X, IP66

UL standards:

- UL844; UL1598 – Luminaires; UL1598A – Marine; UL8750; UL50; UL50E

CSA standard:

- cUL Listed to CSA standard CSA C22.2 No. 137

IEC: ^D

- IEC 60079-0:2011; IEC 60079-15:2010; IEC 60079-31:2008; IEC 60598-2-1:1979; IEC 60529:2001
- Ex nA nR IIC T* Gc -40 to +40
- Ex nA nR IIC T* Gc -40 to +55
- Ex nA nR IIC T* Gc -40 to +65
- Ex tb IIIC T*°C Db -40 to +40
- Ex tb IIIC T*°C Db -40 to +55
- Ex tb IIIC T*°C Db -40 to +65

VMV3L-VMV11L only

- IECEX UL 13.0052X

VMV13L-VMV25L only

- IECEX UL 14.0031X

^A Tolerance +/- 10%.

^B Refer to page 2 of the current authorized distributor price book for Eaton's standard Terms and Conditions.

^C Approved models include: VMV3L/UNV1; VMV5L/UNV1; VMV7L/UNV1; VMV9L/UNV1; VMV11L/UNV1; VMV13L/UNV1; VMV17L/UNV1; VMV21L/UNV1; VMV25L/UNV1; VMV3L/UNV34; VMV5L/UNV34; VMV7L/UNV34; VMV9L/UNV34; VMV11L/UNV34. Refer to www.designlights.org Qualified Products List under family models for full listing details. Not all models are approved for all application categories.

^D VMV3L-VMV11L/UNV1 rated to +65°C; VMV13L-VMV25L and VMV3L-VMV11L/UNV34 rated to +55°C.

*See temperature code table on following page.



Certifications and compliances (continued):

ATEX/CE: ^D

- EN 60079-0:2012; EN 60079-15:2010; EN 60079-31:2009; EN 60598-2-1:1989; EN 60929:1991 +A1:2001
- Ex II 3 G Ex nA nR IIC T* Gc -40 to +40
- Ex II 3 G Ex nA nR IIC T* Gc -40 to +55
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VMV3L-VMV11L only

- DEMKO 13 ATEX 1475031X; DEMKO 13 ATEX 1305741X

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- Lamp housing and adapter – die cast aluminum with Corro-free epoxy powder coat
- Lens – heat- and impact-resistant glass
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LED system:

- High intensity discrete power emitters
- Cool white (5000K, 70 CRI) (standard); warm white, (3000K, 80 CRI) (optional)
- Custom Type I, III and V optics available
- Optics clocking in field to align Type I and Type III light patterns to illumination path for VMV13L-VMV25L

Drivers:

Option	Voltage
/UNV1	120-277 VAC, 50/60 Hz; 108-250 VDC, 50/60 Hz
/UNV34	347-480 VAC, 50/60 Hz

Custom optics:

Three optical options to maximize light distribution and intensity:



TYPE I

Long and rectangular for hallways, walkways, loading docks, catwalks.

Ideal for:

- Mining conveyor belts
- Aisleways and hallways
- Catwalks and walkways
- Ramps and loading docks
- Tunnels with overhead mounts



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Wall mount light distribution, minimizing spillover on the wall.

Ideal for:

- Narrow crosswalks or passages with wall mounted fixtures
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Regular circular distribution pattern for high/low bay indoor and outdoor ceiling or pendant mount lighting.

Ideal for:

- Pendant, ceiling or stanchion mount overhead building mounts
- Processing mills, industrial plants, large buildings, warehouses, etc.



Colored LED options:

- Available in green and amber[Ⓐ]
- Reduction in light pollution for night space observation and sky glow due to isolating blue wavelength in red and amber colors
- Wildlife-friendly
- Improves visibility for telescopes in observatories during night sky space exploration

Electrical ratings:

	VMV3L	VMV5L	VMV7L	VMV9L	VMV11L	VMV13L	VMV17L	VMV21L	VMV25L
Voltage range, VAC	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277	120-277
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input power (watts)	29	43	62	85	113	131	168	196	232
Input amps at 120-277 VAC	0.24 - 0.11	0.35 - 0.16	0.52 - 0.23	0.71 - 0.31	0.95 - 0.41	1.08 - 0.48	1.40 - 0.62	1.64 - 0.73	1.94 - 0.87
Voltage range, VDC	108-250	108-250	108-250	108-250	108-250	108-250	108-250	108-250	108-250
Power factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
Total harmonic distortion (THD)	<20%	<20%	<20%	<20%	<20%	<20%	<20%	<20%	<20%
Nominal lumens (Type V) [Ⓐ]	3,531	5,335	7,195	9,266	11,440	13,226	18,793	22,110	26,531

Temperature performance data:

Lamp / lumen output	Driver type	Ambient temp. °C	Class I, Div. 2	Class II, Div. 1	Simultaneous rating	Class I, Zone 2	Class III, Div. 1
					Class I, Div. 2; Div. 1	AEx nA nR; Ex nA nR	Class II, Div. 1, Groups E, F, G
3L, 5L, 7L, 9L, 11L	/UNV1	40	T5	T5	T3C	T6	T66°C
3L, 5L, 7L, 9L, 11L	/UNV1	55	T5	T4A	T3A	T5	T83°C
3L, 5L, 7L, 9L, 11L	/UNV1	65	T4A	T4A	T3A	T4	T92°C
3L, 5L, 7L, 9L, 11L	/UNV34	40	T3C	T5	T3C	T4	T70°C
3L, 5L, 7L, 9L, 11L	/UNV34	55	T3A	T4A	T3A	T4	T85°C
3L, 5L, 7L, 9L, 11L	/UNV34	65	T3A	T4A	T3A	T4	T92°C
13L, 17L	/UNV1; UNV34	40	T4A	T5	T4A	T6	T66°C
13L, 17L	/UNV1; UNV34	55	T4	T4A	T4	T5	T81°C
21L, 25L	/UNV1; UNV34	40	T4A	T5	T4A	T6	T71°C
21L, 25L	/UNV1; UNV34	55	T4	T4A	T4	T5	T86°C

[Ⓐ] Custom optics not available with colored LEDs. One model per color; see catalog numbering system on following page.

[Ⓐ] Tolerance +/- 10%.

Champ VMV LED luminaires

Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2, nA nR
Cl. II, Groups E, F, G
Cl. III & Simultaneous
Presence

UL/cUL Listed
IECEX/ATEX/CE
Wet Locations
Type 4X; IP66

2L

2L

Ordering information:

Part number example

VMV17LW2AR1G/UNV1 S890

Lamp / function		Options	
3L	3,531 lumen LED	S812 ①	Trunnion mount kit with pin
5L	5,335 lumen LED	S831 ①	Safety cable
7L	7,195 lumen LED	S890	Quick clip
9L	9,226 lumen LED	S891 ①	Diffused lens
11L	11,440 lumen LED	S892 ②	Redundant driver
13L	13,226 lumen LED	S896 ①	Teflon coated lens
17L	18,793 lumen LED	S903	Polycarbonate lens
21L	22,110 lumen LED	TB6	Six-pole terminal block
25L	26,531 lumen LED		
GL ③	Green (4,300 lumen LED)		
AL ③	Amber (5,000 lumen LED)		

Color temperature		Voltage	
BLANK	Cool (5000K), colored	/UNV1	120-277 VAC, 50/60 Hz; 108-250 VDC, 50/60 Hz
W	Warm (3000K)	/UNV34	347-480 VAC, 50/60 Hz

Mounting style		Guard	
BLANK	No cover	BLANK	No guard
J ④	1-½" stanchion, 25° angled	G	P3001 wire guard
P	1-½" stanchion, straight		
2A	¾" pendant		
3A	1" pendant		
20A	20mm pendant		
25A	25mm pendant		
2B	¾" cone pendant		
3B	1" cone pendant		

Optics	
BLANK	Type V optic standard (all mounts)
R1	Type I optic (all mounts minus ceiling for 3L-11L, available with mounts for 13L-25L models)
R1A ⑤	Type I optic (ceiling with conduit 45° counterclockwise or 135° clockwise from hinge)
R1B ⑤	Type I optic (ceiling with conduit 45° clockwise or 135° counterclockwise from hinge)
R3	Type III optic (all mounts minus ceiling)
R3AP ⑤	Type III optic (select when using Appleton® top hat adapter with Champ fixture)
R3A1 ⑤	Type III optic (ceiling with conduit 45° counterclockwise from top hat hinge)
R3A2 ⑤	Type III optic (ceiling with conduit 135° clockwise from top hat hinge)
R3B1 ⑤	Type III optic (ceiling with conduit 45° clockwise from top hat hinge)
R3B2 ⑤	Type III optic (ceiling with conduit 135° counterclockwise from top hat hinge)

Accessories (ordered separately):

Description	Cat. #
• Photocell, 120V, 50/60 Hz	D2S20
• Photocell, 208-277V	D2S208 277
• Trunnion mount kit with pin	VMVL S812 K1 ①
• Wire guard with captive mounting hardware	P3001
• Top hat adapter	CHMM1

For retrofitting Appleton MercMaster III top hats to Champ VMV luminaires

③ Custom optics not available with colored LEDs.

④ For VMV3L-VMV11L only.

⑤ Order with ceiling mount only.

① Not available for IEC.

② Available for VMV5L and VMV7L only. Redundant driver standard on VMV9L-VMV25L models. 7L = 6,616 lumens with S892 suffix.



CHMM1

Champ VMV LED luminaires

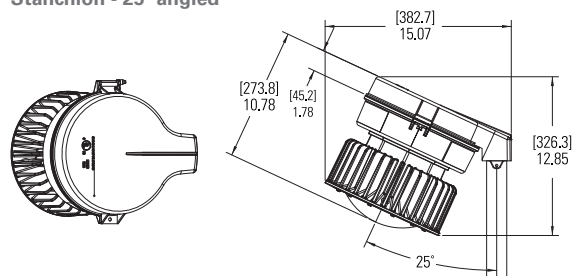
Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2, nA nR
Cl. II, Groups E, F, G
Cl. III & Simultaneous
Presence

UL/cUL Listed
IECEX/ATEX/CE
Wet Locations
Type 4X; IP66

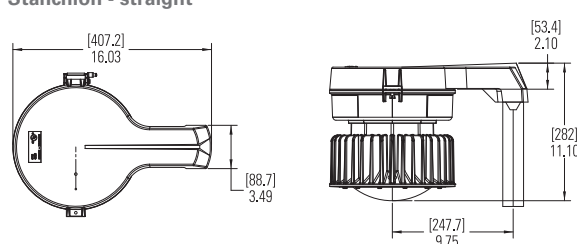
2L

Dimensions:

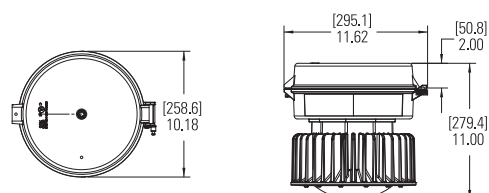
Stanchion - 25° angled



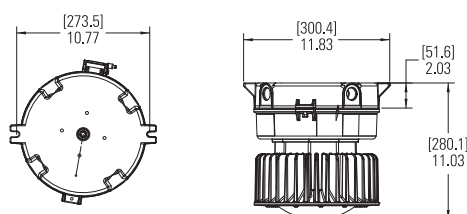
Stanchion - straight



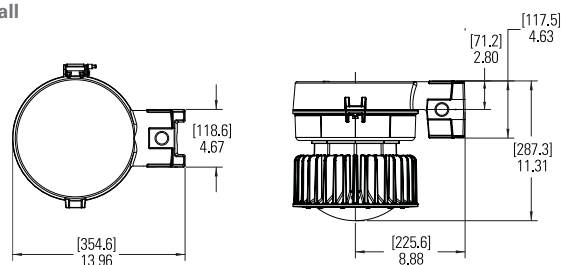
Pendant



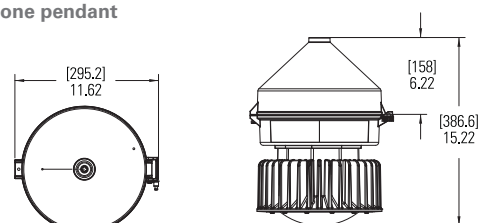
Ceiling



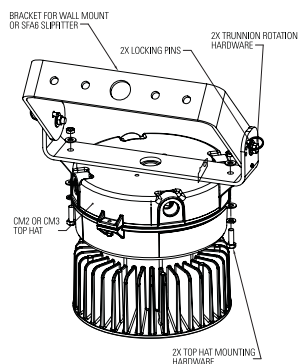
Wall



Cone pendant



Trunnion



Net luminaire weights:

Model	Lbs.	Kg.
VMV3L-VMV11L	21.80	8.07
VMV13L & VMV17L	36.00	16.32
VMV21L & VMV25L	44.00	19.95
Add mounting modules:		
Pendant	1.25	0.57
Cone pendant	4.00	1.81
Flexible pendant	1.50	0.68
Ceiling	2.75	1.25
Wall	4.50	2.04
Angled stanchion ^L	3.50	1.59
Straight stanchion	4.50	2.04

^L Angled stanchion for VMV3L-VMV11L models only.