

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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IECEX/ATEX/CE
Wet Locations
Type 4X; IP66

2L

2L

Ordering information:

Part number example

VMV17LW2AR1G/UNV1 S890

VMV

17L

W

2A

R1

G

/UNV1

S890

Lamp / function

3L

3,531 lumen LED

5L

5,335 lumen LED

7L

7,195 lumen LED

9L

9,226 lumen LED

11L

11,440 lumen LED

13L

13,226 lumen LED

17L

18,793 lumen LED

21L

22,110 lumen LED

25L

26,531 lumen LED

GL

Green (4,300 lumen LED)

AL

Amber (5,000 lumen LED)

Color temperature

BLANK

Cool (5000K), colored

W

Warm (3000K)

Mounting style

BLANK

No cover

J

1-½" stanchion, 25° angled

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

Options

S812

Trunnion mount kit with pin

S831

Safety cable

S890

Quick clip

S891

Diffused lens

S892

Redundant driver

S896

Teflon coated lens

S903

Polycarbonate lens

TB6

Six-pole terminal block

Voltage

/UNV1

120-277 VAC, 50/60 Hz;
108-250 VDC, 50/60 Hz

/UNV34

347-480 VAC, 50/60 Hz

Guard

BLANK

No guard

G

P3001 wire guard

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

Type I optic (ceiling with conduit 45° counterclockwise or 135° clockwise from hinge)

R1B

Type I optic (ceiling with conduit 45° clockwise or 135° counterclockwise from hinge)

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)

Accessories (ordered separately):

Description

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

For retrofitting Appleton MercMaster III top hats to Champ VMV luminaires

Custom optics not available with colored LEDs.

For VMV3L-VMV11L only.

Order with ceiling mount only.

Not available for IEC.

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

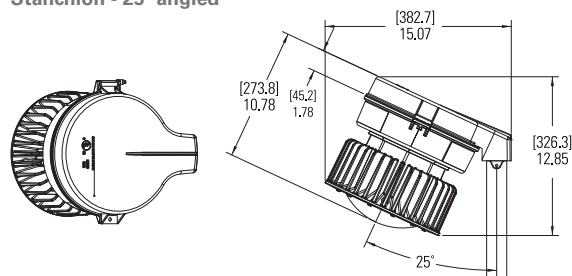
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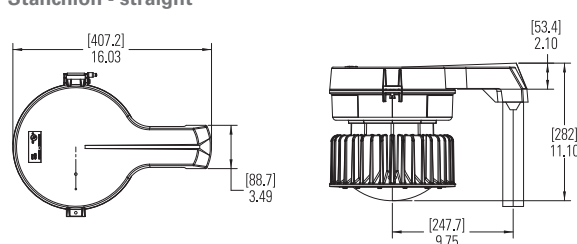
2L

Dimensions:

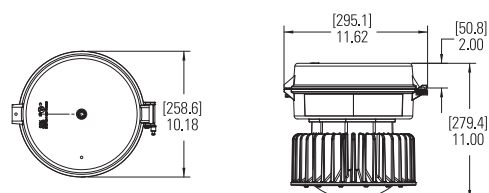
Stanchion - 25° angled



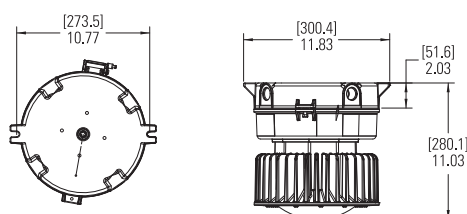
Stanchion - straight



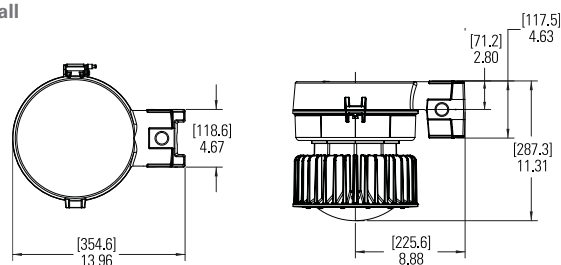
Pendant



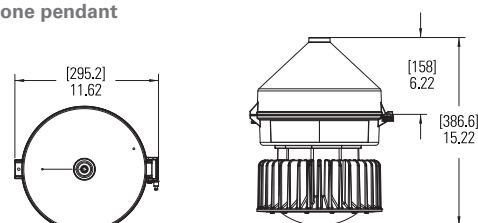
Ceiling



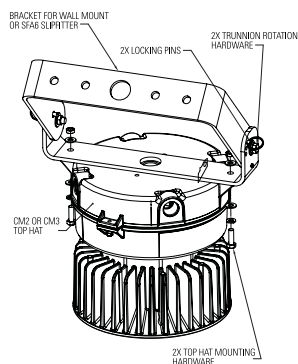
Wall



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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- 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
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VMV3L-VMV11L only

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LED system:

- High intensity discrete power emitters
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- 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
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- 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.

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- Processing mills, industrial plants, large buildings, warehouses, etc.



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- 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

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

Accessories (ordered separately):

Description

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

For retrofitting Appleton MercMaster III top hats to Champ VMV luminaires

Custom optics not available with colored LEDs.

For VMV3L-VMV11L only.

Order with ceiling mount only.

Not available for IEC.

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

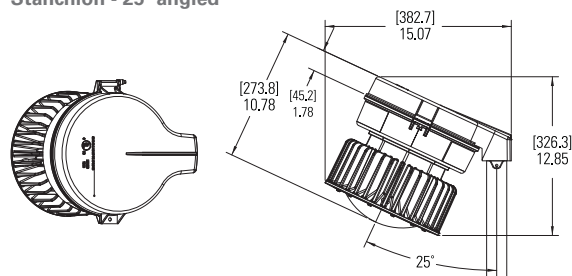
Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zone 2, nA nR
Cl. II, Groups E, F, G
Cl. III & Simultaneous
Presence

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

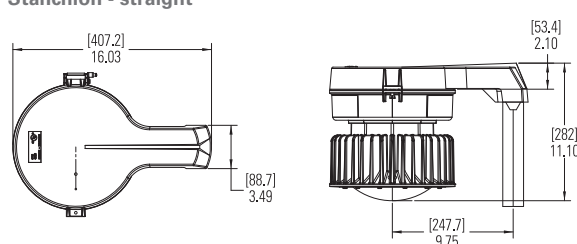
2L

Dimensions:

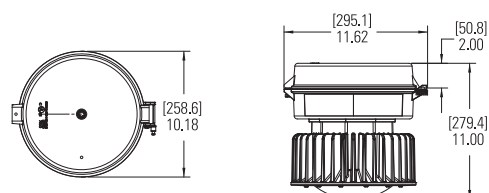
Stanchion - 25° angled



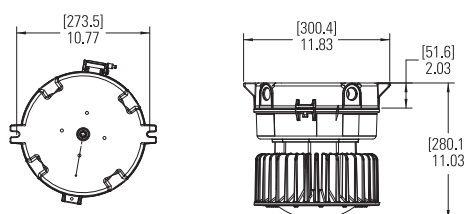
Stanchion - straight



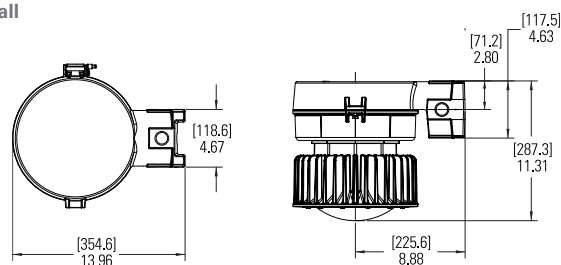
Pendant



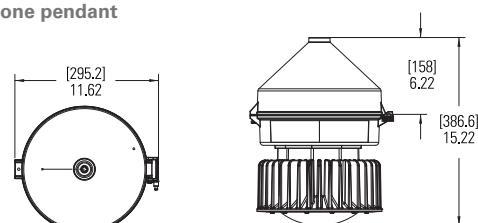
Ceiling



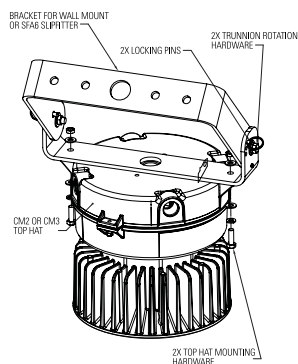
Wall



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.