



Class I, Div. 2, Groups A,B,C,D\*  
Class I, Zone 2, Groups IIC, IIB, IIA  
Class II, Div. 1 & 2, Groups E,F,G,\*  
Class III  
Suitable for wet locations  
UL Marine  
NEMA 3, 4X

UL Listed - Files E10514 and E91793 (Marine)

SP Certified - File LR11713

FEATURES-SPECIFICATIONS

CERTILITE®

Applications

CERTILITE® VM fixtures are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4X areas where wind, water, snow or high ambients can be expected. They can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by the NEC.

Typical applications include manufacturing plants, and certain chemical and petrochemical processing facilities, sewage treatment plants, off-shore and dockside installations, garages and storage facilities.

Features

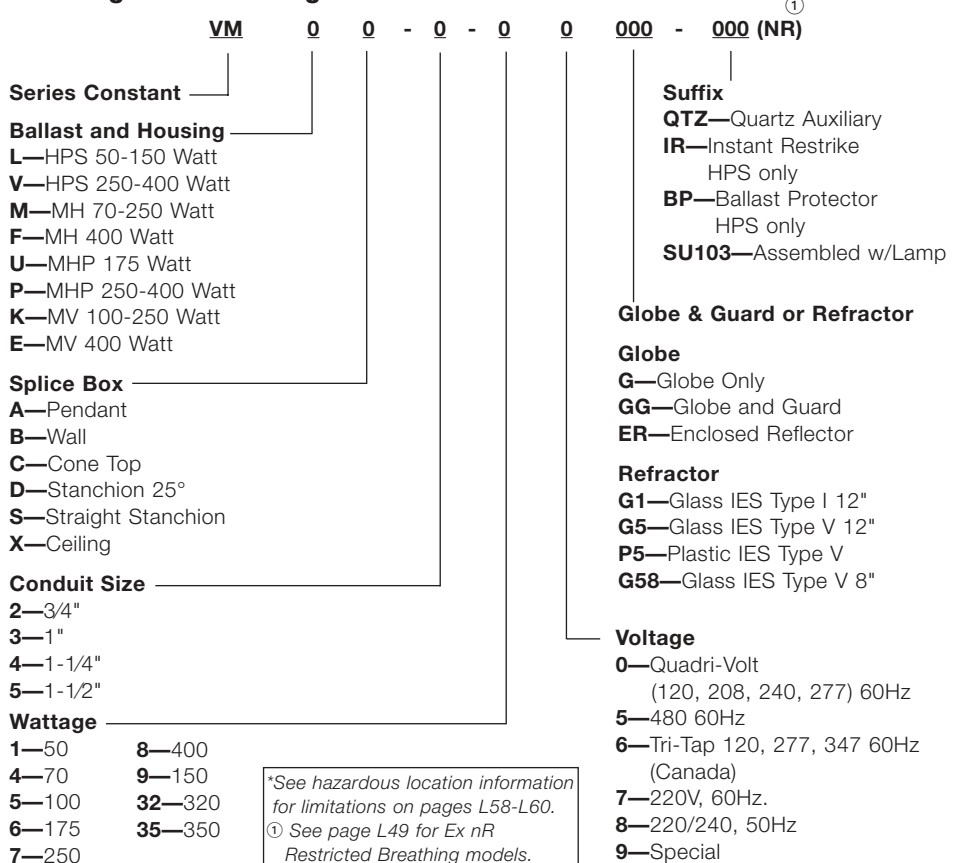
- CERTILITE® VM fixtures are now available with Pulse Start Metal Halide ballasts. Pulse Start systems provide higher and better maintained light output with longer life compared standard Metal Halide systems. Pulse Start and standard Metal Halide lamps and ballasts are **not** interchangeable
- Ballast tank and splice box — corrosion resistant copper-free aluminum alloy
- Baked powder epoxy polyester finish, electrostatically applied for complete, uniform corrosion protection
- All external hardware — stainless steel
- Guard — copper-free aluminum alloy
- Normally shipped as components for quick delivery

- Refractor guard — steel with corrosion resistant finish
- Reflector — lightweight, corrosion resistant polyester reinforced fiberglass
- Five mounting splice box types; pendant, ceiling, bracket, cone top, stanchion
- Quartz and incandescent auxiliary or HPS instant restart
- Minimum starting temperature HPS – 40°C, MV, MH & MHP – 30°C

Compliances

- UL-1572 Standard for HID lighting fixtures
- UL Marine type lighting fixtures
- UL-844 Standard for lighting fixtures for hazardous locations, Class I, Division 2; Class II, Divisions 1 and 2; Class III
- CSA C22.2 no. 137-M1981 electric luminaires for use in hazardous locations
- Enclosed and gasketed
- NEMA 3, 4X

Catalog Number Logic



**VM SERIES • LIGHTING**  
**HIGH PRESSURE SODIUM, 50-400W MOGUL BASE HID**

**L37**

Pendant



Ceiling



**Class I, Div. 2, Groups A,B,C,D<sup>①</sup>**  
**Class I, Zone 2, Groups IIC,IIB,IIA**  
**Class II, Div. 1 & 2, Groups E,F,G**  
**Class III**  
**Suitable for wet locations**  
**UL Marine**  
**NEMA 3, 4X**

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VM 50-400 WATT HIGH PRESSURE SODIUM PENDANT						
WATTS	ANSI LAMP	HUB SIZE <sup>②</sup>	VOLTAGE	CATALOG NUMBER		
				GLOBE AND GUARD <sup>③</sup>	REFRACTOR <sup>④</sup>	ENCLOSED REFLECTOR
50	S-68	3/4"	QUAD	VMLA-2-10GG	VMLA-2-10G58	—
			TRI	—	—	
			480	—	—	
70	S-62	3/4"	QUAD	VMLA-2-40GG	VMLA-2-40G58	—
			TRI	VMLA-2-46GG	VMLA-2-46G58	
			480	VMLA-2-45GG	VMLA-2-45G58	
100	S-54	3/4"	QUAD	VMLA-2-50GG	VMLA-2-50G58	—
			TRI	VMLA-2-56GG	VMLA-2-56G58	
			480	VMLA-2-55GG	VMLA-2-55G58	
150	S-55	3/4"	QUAD	VMLA-2-90GG	VMLA-2-90G58	—
			TRI	VMLA-2-96GG	VMLA-2-96G58	
			480	VMLA-2-95GG	VMLA-2-95G58	
250	S-50	3/4"	QUAD	VMVA-2-70GG	VMVA-2-70G5	VMVA-2-70ER
			TRI	VMVA-2-76GG	VMVA-2-76G5	VMVA-2-76ER
			480	VMVA-2-75GG	VMVA-2-75G5	VMVA-2-75ER
400	S-51	3/4"	QUAD	VMVA-2-80GG	VMVA-2-80G5	VMVA-2-80ER
			TRI	VMVA-2-86GG	VMVA-2-86G5	VMVA-2-86ER
			480	VMVA-2-85GG	VMVA-2-85G5	VMVA-2-85ER



VM 50-400 WATT HIGH PRESSURE SODIUM CEILING						
WATTS	ANSI LAMP	HUB SIZE <sup>②</sup>	VOLTAGE	CATALOG NUMBER		
				GLOBE AND GUARD <sup>③</sup>	REFRACTOR <sup>④</sup>	ENCLOSED REFLECTOR
50	S-68	3/4"	QUAD	VMLX-2-10GG	VMLX-2-10G58	—
			TRI	—	—	
			480	—	—	
70	S-62	3/4"	QUAD	VMLX-2-40GG	VMLX-2-40G58	—
			TRI	VMLX-2-46GG	VMLX-2-46G58	
			480	VMLX-2-45GG	VMLX-2-45G58	
100	S-54	3/4"	QUAD	VMLX-2-50GG	VMLX-2-50G58	—
			TRI	VMLX-2-56GG	VMLX-2-56G58	
			480	VMLX-2-55GG	VMLX-2-55G58	
150	S-55	3/4"	QUAD	VMLX-2-90GG	VMLX-2-90G58	—
			TRI	VMLX-2-96GG	VMLX-2-96G58	
			480	VMLX-2-95GG	VMLX-2-95G58	
250	S-50	3/4"	QUAD	VMVX-2-70GG	VMVX-2-70G5	VMVX-2-70ER
			TRI	VMVX-2-76GG	VMVX-2-76G5	VMVX-2-76ER
			480	VMVX-2-75GG	VMVX-2-75G5	VMVX-2-75ER
400	S-51	3/4"	QUAD	VMVX-2-80GG	VMVX-2-80G5	VMVX-2-80ER
			TRI	VMVX-2-86GG	VMVX-2-86G5	VMVX-2-86ER
			480	VMVX-2-85GG	VMVX-2-85G5	VMVX-2-85ER

① See hazardous application data on pages L58-L60 for limitations.  
 ② Hub size shown is 3/4" NPT, for 1" pendant or ceiling, change "2" to "3" in catalog number; e.g. **VMLA-3-40GG**. For flexible 3/4" pendant mounting, order **VMA-24 SU75** w/ballast tank, optic and guard.  
 ③ Omit 2nd "G" for Globe only.  
 ④ Order Refractor Guards separately. On Series VML 8" refractors are standard.  
 To order 12" refractor, delete "8" from catalog number.  
 To order fixture with other refractors, change catalog number as shown in refractor chart page L54.

**NOTE:**

**For additional selection/configurations  
of this product, see On-line Catalog.**