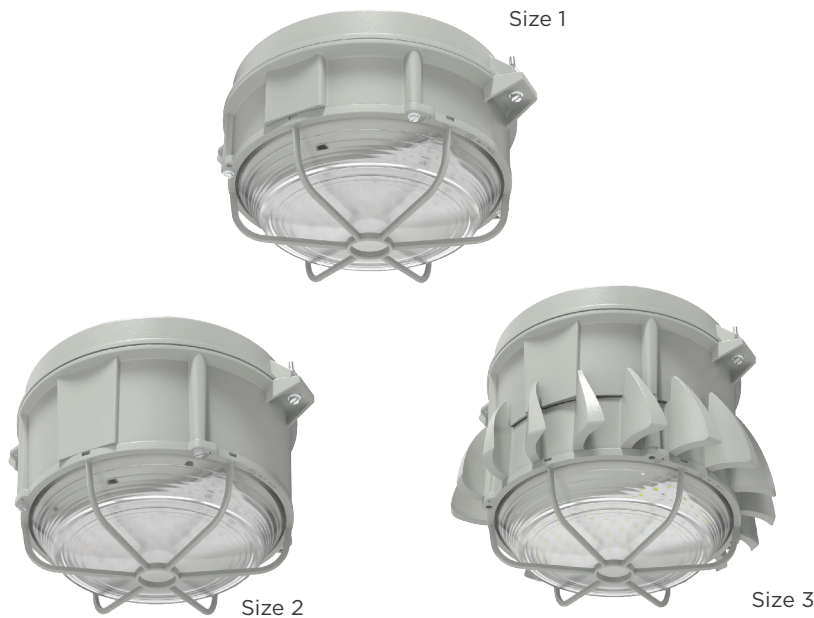




Introduction

**VMLX:**

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

Type 3, 4X

IP66

Marine Rated (US only)

IECEX Rated (Zone 2)

Ex ec IIC T4/T3 Gc

Ex tb IIIC T4/T3 Db

Ambient Suitability -40°C to 65°C
(see tables). -20°C to 50°C for
Emergency models



IECEX Certificate
QPS 15.0006



ATEX Certificate
QPS22ATEX7000

WMLX:

Suitable for wet locations

Type 3, 4X

IP66

Specifications

Features:

- Traditional photometric performance
- Refractor options for Type I, III, and V
- VML-X housing can be retrofitted to existing VM splice boxes for easy installation
- Retro fit adapters for various manufacturers mounts
- LED Array Life - 100,000+ hours with 70% initial lumens
- Chromaticity outputs:
 - 5000K 70CRI Cool CCT
 - 3000K 95CRI Warm CCT
- Wildlife friendly colour options:
 - Amber - Helps protect marine wildlife
 - PC Amber - Phosphate Coated Amber
 - Green - Helps protect migratory birds
- Surge protection
- Globe and guard are supplied assembled to the tank
- Self-testing and self-diagnostics on battery backup fixtures
- Terminal blocks fitted as standard
- Reduced storage footprint

Materials:

- Housing, splice box and guards - corrosion resistant copper-free aluminum alloy
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
- All external hardware - stainless steel
- Reflectors - white polycarbonate
- Standard glass globe
- Optional polycarbonate globe

Electrical Ratings:

- 110 thru 250 VDC
- 120 thru 277 VAC, 50/60Hz
- 347 thru 480 VAC, 50/60Hz
- Surge protection: 6KV surge protection as standard
- Optional supplementary surge protection, protects against surges and transients per new ANSI C82.77-5 2015 category C high (20KV, 1.2/50µs & 10KA, 8/20µs) standard combo waves and (6KV, 100KHz) ring wave
- Battery duration: 90mins 10W, 180 mins 5W
- Terminal size: 12AWG /4mm (loop in, loop out)



Catalogue Logic

The complete luminaire catalogue number is as follows:

Series Constant:

VML: Hazardous Location Rated

WML: Non-Hazardous / Wet Location Rated



Tank Size:

- 1 - Small (5000, 7000, 9000 lm)
- 2 - Medium (12000, 15000, 18000 lm)
- 3 - Large (23000, 28000 lm)

Fixture Lumen Output in 1000s of Lumens:

- 5 - 5000 lm
- 7 - 7000 lm
- 9 - 9000 lm
- 12 - 12000 lm
- 15 - 15000 lm
- 18 - 18000 lm
- 23 - 23000 lm
- 28 - 28000 lm

Battery Backup (optional):

- iE05 - 500 lumens (180 Min)
- iE1 - 1000 lumens (90 Min)

**only on 5, 7, 9, & 12 lumen output options*

Voltage - Input supply:

- 30 - 120 thru 277 VAC, 50/60 Hz
- 33 - 347 thru 480 VAC, 50/60 Hz
- 34 - 105 thru 250 VDC

Mounting Splice Box:

- blank - No splice box provided
- A - Pendant (VMA2B, VMA3B)
- B - Wall (VMB2B, VMB3B)
- X - Ceiling (VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B)
- C - Cone (VMC2B, VMC3B)
- D - Stanchion 25° (VMD4B, VMD5B)
- S - Stanchion 90° (Straight) (VMS4B, VMS5B)

Entry Size:

- blank - no splice box
- 2 - 3/4" NPT
- 3 - 1" NPT
- 4 - 1 1/4" NPT
- 5 - 1 1/2" NPT
- 6 - 3/4" NPT (5 hubs)
- 7 - 1" NPT (5 hubs)
- 8 - M20 (Metric - 4 hubs)
- 9 - M20 (Metric - 5 hubs)

Options:

- PC - Polycarbonate lens (Glass Globe standard)
- YYZZ - White LED Chromaticity where YY= Correlated Colour Temperature (CCT) minimum 3000K; ZZ = Colour Rendering Index (CRI) maximum 95 (No value=Standard 5000K CCT 70 CRI minimum)
- AMBER - Amber coloured LEDs primarily used to help protect marine wildlife
- PCAMBER - Phosphate Coated Amber coloured LEDs
- GREEN - Green coloured LEDs primarily used to help protect migratory birds
- AR - Angled Reflector
- DR - Dome Reflector
- HA - High Ambient: bigger tank with lower wattage fixture for use in higher ambient
- Px - Photocell factory installed
 - 1 = 120 VAC
 - 2 = 208-277 VAC
 - 3 = 347 VAC
- SP - Add supplemental Surge Protection
- F - Single Fuse
- FF - Double Fuse
- CISPR - CE Marked driver
- xH - Optional paint (i.e. RH = Red Housing)

Guard:

- G - With Guard

Optics:

- blank - Type 5 - No optics
- 5W - Type 5 - Wide (18000 lm)
- T1 - Type 1 (9000 lm)
- T3 - Type 3 (9000 lm)