



Introduction



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)
Ambient Suitability: -40°C to 55°C (see table), -20°C to 50°C for Emergency models

File LR1728 ©

IECEx Certificate:

QPS 15.0006X

ATEX Certificate:

QPS 22ATEX7000X

Features-Specifications

Features

- Direct retrofit to new and old Crouse Hinds splice boxes (See table below)
- No additional mounting adaptor required
- Optic options for Type 5, Type 1, Type 3, and Type 5 Wide
- LED Array Life - 100,000+ hours with 70% initial lumens
- Chromaticity outputs:
 - 5000K 70CRI - Cool CCT
 - 3000K 80CRI - Warm CCT
- Integral 6kv surge protection
- Additional Surge Protection options
- Globe and guard supplied assembled to fixture tank
- Terminal blocks standard for seamless wiring
- Reduced storage footprint

Materials

- Fixture housing and guard made from corrosion resistant copper-free aluminum alloy
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
- All stainless steel external hardware
- White polycarbonate reflectors
- Standard glass globe
- Optional polycarbonate globe

Electrical Ratings:

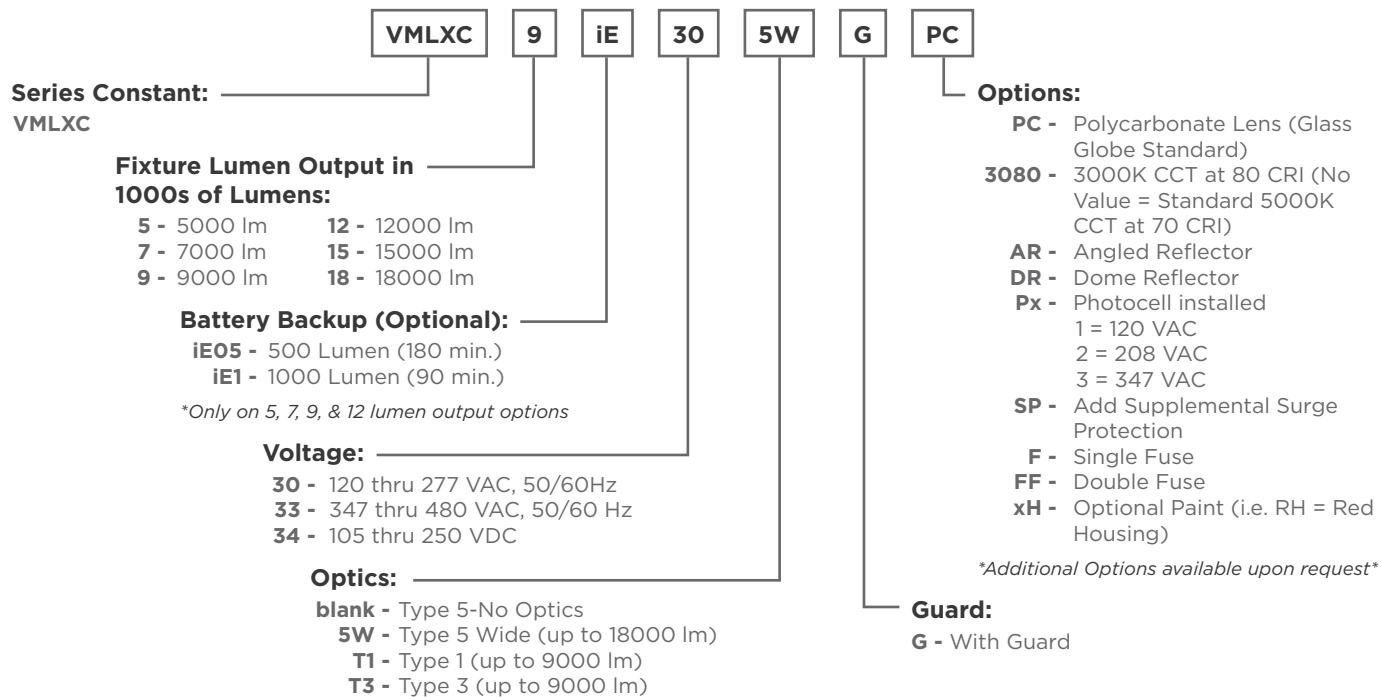
- 120 thru 277 VAC, 50/60Hz
- 347 thru 480 VAC, 50/60Hz
- 110 thru 250 VDC
- Surge protection: 6kV standard
- Optional supplementary surge protection. Protects against surges and transients per new ANSI C82.77-5 2015 category C high (20KV, 1.2/50µs & 10KA, 8/20µs) standard Combo waves and (6KV, 100KHz) Ring wave.
- Terminal Size: 12AWG / 4mm (Loop In - Loop Out)

Ability to retrofit to the following existing Crouse Hinds VMV, VML, PMVL, & PVMA fixture mounts:

Hub Size	Pendant	Cone	Ceiling	Wall	Stanchion - 25 deg.	Stanchion - straight	Flexible Pendant
3/4"	APM2	BPM2	CM2	TWM2			HPM2
1"	APM3	BPM3	CM3	TWM3			
1-1/2"					JM5	PM5	



Catalog Logic



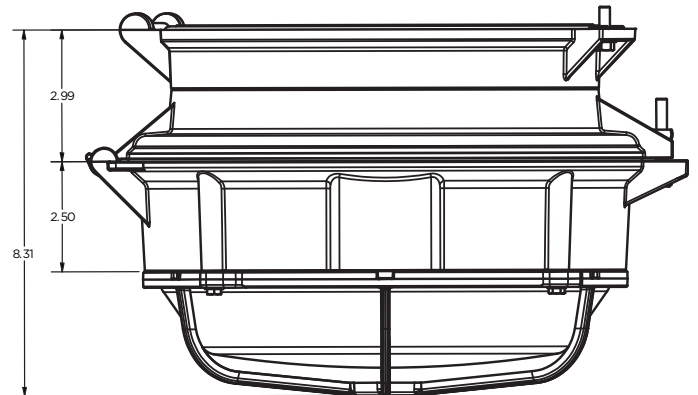
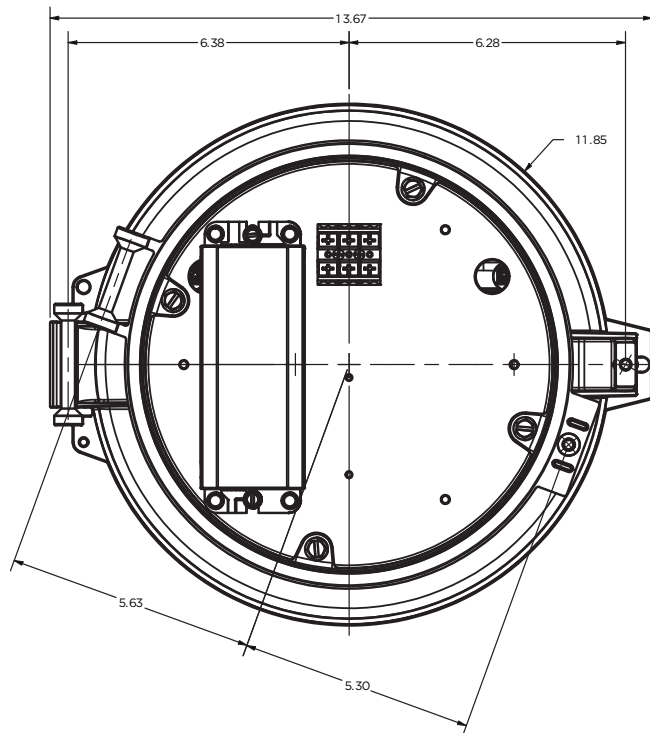
Catalog Number	Weight	Wattage	Voltage	AMPS	VMLX-C Temperatures	
					Class I, Div. 2 Groups A,B,C & D; (Zone 2, Groups IIC, IIB, IIA)2	
					40C (75C Wire)	55C (90C Wire)
VMLXC530	12.8 lbs.	40	120-277 VAC	0.33-0.14	T4A	T4A
VMLXC533			347-480 VAC	0.12-0.08		
VMLXC534			120-250 VDC	0.33-0.16		
VMLXC730	12.8 lbs.	55	120-277 VAC	0.46-0.20	T4A	T4A
VMLXC733			347-480 VAC	0.16-0.11		
VMLXC734			120-250 VDC	0.46-0.22		
VMLXC930	12.8 lbs.	75	120-277 VAC	0.63-0.27	T4A	T4A
VMLXC933			347-480 VAC	0.22-0.16		
VMLXC934			120-250 VDC	0.36-0.30		
VMLXC1230	12.8 lbs.	100	120-277 VAC	0.83-0.36	T4	T4
VMLXC1233			347-480 VAC	0.29-0.21		
VMLXC1234			120-250 VDC	0.83-0.40		
VMLXC1530	12.8 lbs.	120	120-277 VAC	1.00-0.43	T4	T4
VMLXC1533			347-480 VAC	0.35-0.25		
VMLXC1534			120-250 VDC	1.00-0.48		
VMLXC1830	12.8 lbs.	140	120-277 VAC	1.17-0.51	T4	T4
VMLXC1833			347-480 VAC	0.40-0.29		
VMLXC1834			120-250 VDC	1.17-0.56		



Delivered Lumens

Catalog Number	Glass Globe							Polycarbonate Globe
	5000K 70CRI LEDs	Type 5 Wide Optic	Type 3 Optic	Type 1 Optic	Angled Reflector	Dome Reflector	3000K 80 CRI LEDs	PC Clear Globe
VMLXC5(XX)(YY)	5295	5002	4916	4868	4096	4802	5052	5353
VMLXC7(XX)(YY)	7101	6708	6548	6528	6116	5301	6532	7179
VMLXC9(XX)(YY)	10010	9338	8966	9087	8513	8964	8691	9992
VMLXC12(XX)(YY)	14046	13305			12049	12645	12922	14200
VMLXC15(XX)(YY)	16359	15496			14033	14727	13811	16538
VMLXC18(XX)(YY)	18960	17745			16070	16865	17324	18939

VMLX-C Dimensions





Accessories

Accessories

Catalog Number	Description
VMLXGL	Globe (glass)
VMLXPC	Globe (polycarbonate)
VMLXGRD	Guard
VMLXDR	Dome Reflector
VMLXAR	Angle Reflector
VMFSPC1	120VAC Photocell with FS Style Cover
VMFSPC2	208-277VAC Photocell with FS Style Cover
VMSC10	10ft Stainless Steel Safety Cable with loop grip
HUB2PC120	Field Installed 120VAC Photocell
HUB2PC227	Field Installed 208-277VAC Photocell
HUB2PC347	Field Installed 347VAC Photocell



High Wattage Self-testing Battery Backup

Electronics Includes:

- Self-diagnostics monitors LED status, LED driver circuit, battery capacity and charger function and displays any fault detection by means of a flashing code
- Self-test feature automatically runs a 1 minute test once a month and an alternating 30-60 minute test once every 6 months, LED indicator provides visible fault detection and charging status
- User initiated 1- or 90-minute system test feature
- 15 minute re-transfer delay
- Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage)
- 90- or 180-minute runtime options



Optional self-testing emergency battery backup

Test Switch Indicator Status

LED Indicators status	EM Driver Status/Mode
Solid Green	System OK/AC OK (Self-diagnostic Enabled or Disabled).
Slow Flashing Red, 4s on/1s off	Battery not detected, check battery switch or connection.
Flashing Red, 1s on/1s off	Battery Failure, replace battery.
Flashing Green, 1s on/1s off	Self Diagnostic test underway.
Fast Flashing Red, 0.1s on/0.1s off	Abnormal driver performance, replace driver.
Very Slow Flashing Red, 4s on/4s off	Over temperature.
None. Both LEDs OFF	Normal working in EM mode.
Green/Red alternative flashing, 1s green/1s red	No load or output over voltage protection triggered.