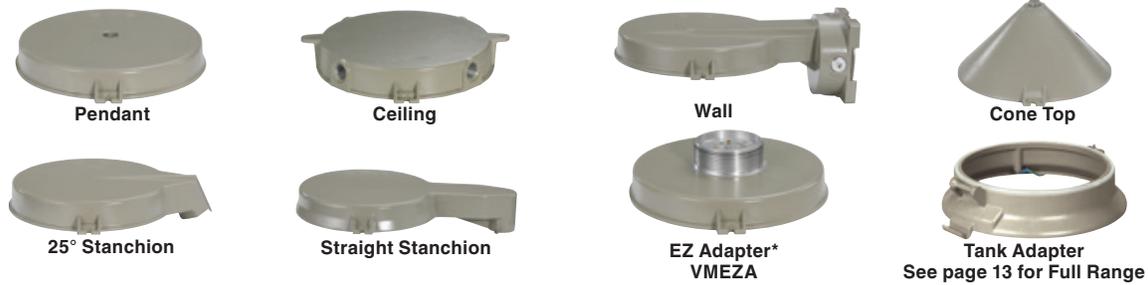


# LIGHTING

VM1L SERIES



## REDUCED PROFILE – COMPONENTS



CERTILITE®V VM MOUNTING SPLICE BOXES							
HUB SIZE	CATALOG NUMBER						
	PENDANT	CEILING 4 HUB	CEILING 5 HUB	WALL	CONE TOP	25 DEGREE STANCHION	90 DEGREE STANCHION
3/4"	VMA2B	VMX2B	VMX6B	VMB2B	VMC2B	—	—
1"	VMA3B	VMX3B	VMX7B	VMB3B	VMC3B	—	—
1-1/4"	—	—	—	—	—	VMD4B	VMS4B
1-1/2"	—	—	—	—	—	VMD5B	VMS5B
M-20	—	VMX8B**	VMX9B**	VMB8B**	—	—	—

\* VMEZA is used between a ballast tank and an EZ mount-ordered separately. See page 18 for more information.

\*\* Furnished with non-metallic plugs. Also available: VMB10B wall 4xM25 hubs, and VMB810B 2xM20 side hubs and 2xM25 top/bottom

VM1L LED OPTICS AND ACCESSORIES		
DESCRIPTION	OPTIC LOGIC	GUARD
Globe (glass)	VMG17 (GL)	VMAG17
Refractor (all glass) Type V	VMR175 (R5)	VMAG17
Refractor (spin top) 8" Type V	VZRG1550 (S8)	VMRWG8
Refractor (spin top) 12" Type V	VZRG2550 (S5)	VMRWGS
Refractor polycarbonate (spin-top) 12" Type V	VZRP175 (P5)	VMRWGS
DOME REFLECTOR (Polyester reinforced fiberglass)	VMPSD40	NA
ANGLE REFLECTOR (Polyester reinforced fiberglass)	VMPA40	NA
120VAC Photocell with FS Style Cover	VMFSPC1	NA
208-277VAC Photocell with FS Style Cover	VMFSPC2	NA
3-sided EXIT Accessory (use without guard)	VEXA100B	NA
Tank adapter to Crouse-Hinds® VM Series mounts*	VMCHVM	NA



ORDERING INFORMATION AND AMBIENT SUITABILITY						C1D2		C2D1		L70		
CATALOG NO.	WEIGHT LBS./KG	WATTS	VOLTAGE	AMPS	VMG15 LUMENS	VMR175 LUMENS	40°C	55°C	40°C	55°C	TM-21	CALCULATED
VM1L4005	15.50 / 7.03	40	480 VAC	0.09	3812	4019	T6	T5	T4 (EFG)	60100	270000	
VM1L4015			347 VAC	0.13								
VM1L4027			12-24VDC	3.33-1.67								
VM1L4030			120-277VAC	0.36-0.16								
VM1L4505		48	480 VAC	0.10	2858.00	2955	T4A	T4	T4 (EFG)	60100	270000	
VM1L4515			347 VAC	0.14								
VM1L4527			12-24VDC	4.00-2.00								
VM1L4530			120-277VAC	0.42-0.18								
VM1L4534		120-250VDC	0.40-0.19									
VM1L5005		50	480 VAC	0.10	6162.00	6427	T5	T4A	T4 (EFG)	72600	278000	
VM1L5015			347 VAC	0.14								
VM1L5027			12-24VDC	4.17-2.08								
VM1L5030	120-277VAC		0.43-0.18									

① Driver THD < 20%, Powerfactor 99% @ 120V; Line Regulation 2%; Load regulation 5%; Protected against Over-voltage and Over-current.

② VMRWG8 Plated Steel, VMRWGS 316 Stainless Steel.

③ TM-21 based values require very long duration testing. The TM-21/L70 "official reported" value is based on at least 10,000 hours testing (at time of printing) at 1000mA to 1500mA drive current, depending on LED chip utilized. "reported L70" is a factor of test duration. KILLARK's MBL series utilizes lower 350mA or 700mA maximum drive current - "calculated" values by the major chip vendors utilized predict L70 life up to 278,000+ hours even at 1000mA.



## CERTILITE® TO CERTILITE® V

GENERAL CROSS-REFERENCE FOR CERTILITE® TO CERTILITE® V***							
	WATTS	ANSI LAMP TYPE		GLOBE & GUARD	SPIN-TOP REFRACTOR	ENCLOSED REFLECTOR	TANK ONLY
HPS	50	S68	Certilite® Certilite® V	VML-0-1-1⊕ GG VM3S05⊕⊕⊕ GLG	VML-0-1-1⊕ G58 VM3S05⊕⊕⊕ S8N	—	VML0-0-1⊕0 VM3S05⊕
	70	S62	Certilite® Certilite® V	VML-0-1-4⊕ GG VM3S07⊕⊕⊕ GLG	VML-0-1-4⊕ G58 VM3S07⊕⊕⊕ S8N	—	VML0-0-4⊕0 VM3S07⊕
	100	S54	Certilite® Certilite® V	VML-0-1-5⊕ GG VM3S10⊕⊕⊕ GLG	VML-0-1-5⊕ G58 VM3S10⊕⊕⊕ S8N	—	VML0-0-5⊕0 VM3S10⊕
	150	S55	Certilite® Certilite® V	VML-0-1-9⊕ GG VM3S15⊕⊕⊕ GLG	VML-0-1-9⊕ G58 VM3S15⊕⊕⊕ S8N	—	VML0-0-9⊕0 VM3S15⊕
	250	S50	Certilite® Certilite® V	VMV-0-1-7⊕ GG VM5S25⊕⊕⊕ GLG	VMV-0-1-7⊕ G5 VM5S25⊕⊕⊕ S5N	VMV-0-1-7⊕ ER VM5S25⊕⊕⊕ ERN	VMV0-0-7⊕0 VM5S25⊕
	400	S51	Certilite® Certilite® V	VMV-0-1-8⊕ GG VM5S40⊕⊕⊕ GLG	VMV-0-1-8⊕ G5 VM5S40⊕⊕⊕ S5N	VMV-0-1-8⊕ ER VM5S40⊕⊕⊕ ERN	VMV0-0-8⊕0 VM5S40⊕
MH	70	M98	Certilite® Certilite® V	VMM-0-1-4⊕ GG VM3H07⊕⊕⊕ GLG	VMM-0-1-4⊕ G58 VM3H07⊕⊕⊕ S8N	—	VMM0-0-4⊕0 VM3H07⊕
	100	M90	Certilite® Certilite® V	VMM-0-1-5⊕ GG VM3H10⊕⊕⊕ GLG	VMM-0-1-5⊕ G58 VM3H10⊕⊕⊕ S8N	—	VMM0-0-5⊕0 VM3H10⊕
	175	M57	Certilite® Certilite® V	VMM-0-1-6⊕ GG VM3H17⊕⊕⊕ GLG	VMM-0-1-6⊕ G58 VM3H17⊕⊕⊕ S5N	—	VMM0-0-6⊕0 VM3H17⊕
	250	M58	Certilite® Certilite® V	VMM-0-1-7⊕ GG VM3H25⊕⊕⊕ GLG	VMM-0-1-7⊕ G58 VM3H25⊕⊕⊕ S5N	—	VMM0-0-7⊕0 VM3H25⊕
	400	M59	Certilite® Certilite® V	VMF-0-1-8⊕ GG VM5H40⊕⊕⊕ GLG	VMF-0-1-8⊕ G5 VM5H40⊕⊕⊕ S5N	VMF-0-1-8⊕ ER VM5H40⊕⊕⊕ ERN	VMF0-0-8⊕0 VM5H40⊕
MHP	175	M137	Certilite® Certilite® V	VMU-0-1-6⊕ GG VM3P17⊕⊕⊕ GLG	VMU-0-1-6⊕ G58 VM3P17⊕⊕⊕ S8N	—	VMU0-0-6⊕0 VM3P17⊕
	250	M138	Certilite® Certilite® V	VMP-0-1-7⊕ GG VM5P25⊕⊕⊕ GLG	VMP-0-1-7⊕ G5 VM5P25⊕⊕⊕ S5N	VMP-0-1-7⊕ ER VM5P25⊕⊕⊕ ERN	VMP0-0-7⊕0 VM5P25⊕
	320	M132	Certilite® Certilite® V	VMP-0-1-32⊕ GG VM5P32⊕⊕⊕ GLG	VMP-0-1-32⊕ G5 VM5P32⊕⊕⊕ S5N	VMP-0-1-32⊕ ER VM5P32⊕⊕⊕ ERN	VMP0-0-32⊕0 VM5P32⊕
	350	M131	Certilite® Certilite® V	VMP-0-1-35⊕ GG VM5P35⊕⊕⊕ GLG	VMP-0-1-35⊕ G5 VM5P35⊕⊕⊕ S5N	VMP-0-1-35⊕ ER VM5P35⊕⊕⊕ ERN	VMP0-0-35⊕0 VM5P35⊕
	400	M135	Certilite® Certilite® V	VMP-0-1-8⊕ GG VM5P40⊕⊕⊕ GLG	VMP-0-1-8⊕ G5 VM5P40⊕⊕⊕ S5N	VMP-0-1-8⊕ ER VM5P40⊕⊕⊕ ERN	VMP0-0-8⊕0 VM5P40⊕
MV	100	H38	Certilite® Certilite® V	VMK-0-1-5⊕ GG VM3M10⊕⊕⊕ GLG	VMK-0-1-5⊕ G58 VM3M10⊕⊕⊕ S8N	—	VMK0-0-5⊕0 VM3M10⊕
	175	H39	Certilite® Certilite® V	VMK-0-1-6⊕ GG VM3M17⊕⊕⊕ GLG	VMK-0-1-6⊕ G58 VM3M17⊕⊕⊕ S8N	—	VMK0-0-6⊕0 VM3M17⊕
	250	H37	Certilite® Certilite® V	VMK-0-1-7⊕ GG VM3M25⊕⊕⊕ GLG	VMK-0-1-7⊕ G58 VM3M25⊕⊕⊕ S8N	—	VMK0-0-7⊕0 VM3M25⊕
	400	H33	Certilite® Certilite® V	VME-0-1-8⊕ GG VM5M40⊕⊕⊕ GLG	VME-0-1-8⊕ G5 VM5M40⊕⊕⊕ S5N	VME-0-1-8⊕ ER VM5M40⊕⊕⊕ ERN	VME0-0-8⊕0 VM5M40⊕

COMPONENTS			
	CERTILITE®	CERTILITE® V	DESCRIPTION
MOUNTS	VMA-2	VMA2B	3/4" Pendant
	VMA-3	VMA3B	1" Pendant
	VMB-2	VMB2B	3/4" Wall Bracket
	VMB-3	VMB3B	1" Wall Bracket
	VMC-2	VMC2B	3/4" Cone Top
	VMD-4	VMD4B	1-1/4" 25° Stanchion
	VMD-5	VMD5B	1-1/2" 25° Stanchion
	VMS-5	VMS5B	1-1/2" 90° Stanchion
	VMX-2	VMX2B	3/4" Ceiling
OPTICS	VMG-17	VMG17	5-1/2" GLOBE
	VMGT-17	VMG17T	TUFFSKIN GLOBE
	VMGT-17	VMG17T	TELFON GLOBE
	VMG-40	VMG40	7-3/4" HIGH WATT GLOBE
	VZRG-1550	VZRG1550	8" SPIN-TOP V REFRACTOR
	VZRG-2550	VZRG2550	12" SPIN-TOP V REFRACTOR
	VZRG-2510	VZRG2510	12" SPIN-TOP II REFRACTOR
	VZRP-175	VZRP175	12" POLY REFRACTOR
	VZRG-4050	VZRG4050	12" SPIN-TOP V REFRACTOR
	VZRG-4020	VZRG4020	12" SPIN-TOP II REFRACTOR
GUARDS	VMAG-17	VMAG17	5-1/2" GLOBE GUARD
	VMAG-40	VMAG40S	HIGH WATT GLOBE GUARD
	VMRWG-8	VMRWG8	8" SPIN-TOP GUARD
	VMRWG	VMRWG	12" SPIN-TOP GUARD
REFLECTORS	VMPSD-17	VMPSD40	WHITE REFLECTOR3
	VMPA-17	VMPA40	WHITE ANGLE REFLECTOR3
	VMPSD-40	VMPSD40	WHITE REFLECTOR
	VMPA-40	VMPA40	WHITE ANGLE REFLECTOR
	HRD-400	HRD400	DEEP WHITE REFLECTOR
	HRD-400ALZ	HRD400ALZ	DEEP ALZAK REFLECTOR

Ⓢ All Certilite® V tanks use "40" reflectors.

\*\*\* See catalog logic for more information regarding additional conduit sizing and fixture options and accessories.

Ⓢ 175-400W MH Fixtures are EXPORT ONLY (EISA LAW).

MOUNT CODES ①①		
CERTILITE® ①-①	CERTILITE® V ①①	DESCRIPTION
A-2	A2	3/4" Pendant
A-3	A3	1" Pendant
B-2	B2	3/4" Wall Bracket
B-3	B3	1" Wall Bracket
C-2	C2	3/4" Cone Top
D-4	D4	1-1/4" 25° Stanchion
D-5	D5	1-1/2" 25° Stanchion
S-5	S5	1-1/2" 90° Stanchion
X-2	X2	3/4" Ceiling
X-3	X3	1" Ceiling

OPTIONS		
CERTILITE®	CERTILITE® V	DESCRIPTION
QTZ	QA	Quartz Auxiliary
IR	IR	Instant Restart
BP	BP	Ballast Protector
NR	NR	Restricted Breathing
SU103	AS	Assembled w/ Standard Lamp

VOLTAGE CODES ②		
CERTILITE®	CERTILITE® V	DESCRIPTION
0	0	Quad-Tap 120, 208, 240, 277V 60Hz
6	6	Tri-Tap 120, 277, 347V 60Hz
5	5	480V 60Hz
7	7	220V 60Hz
8	8	240V 50Hz

