



COMPACT SIZE – COMPONENTS



MB MOUNTING BRACKETS				
CATALOG NUMBER				HUB SIZE
PENDANT	CEILING	WALL	STANCHION	
MBA-2	MBX-2	MBB-2	—	3/4"
MBA-3	MBX-3	MBB-3	—	1"
—	MBX-8*	—	—	M20
—	—	—	MBD-4	1-1/4"
—	—	—	MBD-5	1-1/2"

* MBX-8 furnished with 3 non-metallic plugs



**Non-Glass Polycarbonate
8" Flat Lens or Spin-top**



MBL LED OPTICS AND ACCESSORIES		
DESCRIPTION	OPTIC LOGIC	GUARD
Globe (glass)	MBG (GL)	MBAG
Reflector (all glass) Type V	VMR175 (R5)	VMAG17
Reflector (spin top) 8" Type V	VZRG1550 (S8)	VMRWG8
Reflector (spin top) 12" Type V	VZRG2550 (S5)	VMRWGS
8" Spin-top flat lens (glass)Ⓞ	VZRGF8 (GF)	VZRF8GRD
8" Spin-top flat lens (polycarbonate)Ⓞ	VZRPF8 (PF)	VZRF8GRD
Reflector polycarbonate (spin -top) 12" Type V	VZRP175 (P5)	VMRWGS
Pathway ReflectorⓄ	VZRF8PR	NA
Reflector for MBG Globe - DOMEⓄ	VMPSD-17	NA
Reflector for MBG Globe - ANGLEⓄ	VMPA-17	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

Ⓞ 14-25W only

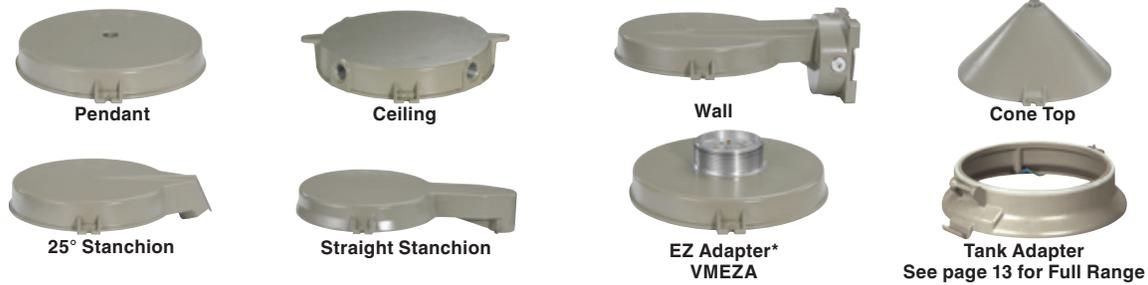
Ⓞ Reflectors for use with MBG/MBAG only; VMG17 globe with VMAG17 guard will fit without reflector.

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.

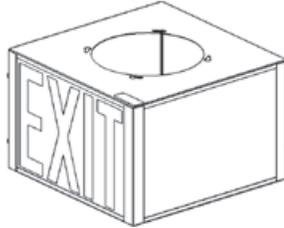
LIGHTING

VE3Q / VE4Q SERIES

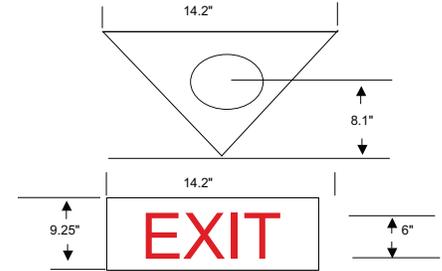


COMPONENTS/APPLICATION DATA

VEXA400 4-Sided EXIT for all Models
 Letters are 3/4" x 8" Red on white
 Unit includes 3 EXIT Faces and
 2 Blank for Maximum Flexibility
 Dimensions: 14.56" x 9.22"



VEXA100B 3-Sided EXIT Accessory for xE3x models
 Letters are 3/4" x 6" Red on White



VEXA100B Exit Accessory Dimensions

FEATURES-SPECIFICATIONS

REPLACEMENT BATTERY UNITS	
WATTAGE/TYPE	CATALOG NUMBER
18/26/32/42W QUAD-PIN	KFBP7

REPLACEMENT LAMPS	
WATTAGE/TYPE	CATALOG NUMBER
26W QUAD-PIN	MQL18
26W QUAD-PIN	MQL26
32W QUAD-PIN	MQL32
42W QUAD-PIN	MQL42

BALLAST DATA*						
LAMP WATTS	VOLTAGE AC	START	OPERATING	INPUT WATTS	BALLAST CIRCUIT	REGULATION
26WATT (1X13)	120 / 277	0.39/.35	0.3	16	NPF	—
26WATT (2X13)	120 / 277	0.78/.70	0.6	32	NPF	—
18 WATT (1X18)	120 THROUGH 277	—	.16@120V /.07 @277V	19	HPF	—
26WATT (1X26)	120 THROUGH 277	—	.27@120V /.13 @277V	29	HPF	ELECTRONIC
32WATT (1X32)	120 THROUGH 277	—	.31@120V /.15 @277V	36	HPF	ELECTRONIC
42WATT (1X42)	120 THROUGH 277	—	.37@120V /.17 @277V	46	HPF	ELECTRONIC
36 WATT (2X18)	120 THROUGH 277	—	.32@120V /.14 @277V	38	HPF	—
52WATT (2X26)	120 THROUGH 277	—	.54@120V /.26 @277V	58	HPF	ELECTRONIC
64WATT (2X32)	120 THROUGH 277	—	.62@120V /.30 @277V	72	HPF	ELECTRONIC
84WATT (2X42)	120 THROUGH 277	—	.74@120V /.34 @277V	92	HPF	ELECTRONIC

* Add per battery prox .6 amp for charging current. Prox 24 hours to full recharge after full discharge.

APPLICATION DATA
SUPPLY WIRE TEMP. MIN. °C
60
60
60
60
60
60
60
60
60
60