

AREA LIGHTING



VERTICAL AREA LUMINAIRES | Series VMR & VLR

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Taking shape

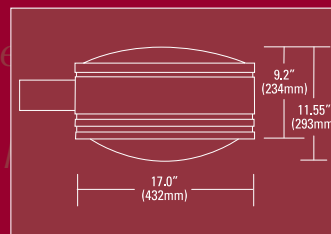
The new VMR and VLR series luminaires bring a versatile and contemporary new shape to AEL area lighting. Their sleek silhouette and embossed accent bands create a polished look that will enhance any space.

Functional form

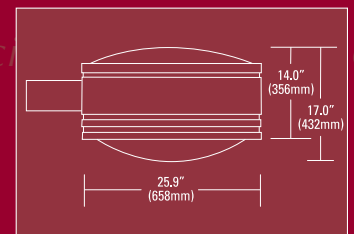
The VMR and VLR are not just easy on the eyes – they're also easy to install and service, thanks to features like a tool-less photocontrol receptacle, hinged door, terminal block, and optional tool-less entry. They also offer interchangeable, rotatable reflectors and your choice of vertical or horizontal lamping.

Distinctive applications

The clean lines, available custom painting, and install-friendly features of the VMR and VLR will set your application apart from the crowd, whether it's a parking lot, thoroughfare, shopping center, or office complex.



VMR



VLR

sports facilities

rest areas

shopping centers

museu



Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

Series VMR and VLR

ORDERING INFORMATION

Example: VLR 40M SC 120 SM FG P9 LC

Series	Wattage / Source	Ballast	Voltage	Distribution	Optics
VMR Vertical Medium Round	<u>VMR</u>	RN Reactor Normal	120 120V	<u>Vertical Lamp</u>	FG Flat Glass Clear Tempered ^{2,9}
	07 70W S HPS ^{2,4}	Power Factor	208 208V	AM Asymmetric	DG Drop Glass Clear Tempered
	10 100W M MH ³	RH Reactor High	240 240V	SM Symmetric	
	15 150W	Power Factor	277 277V	FV Forward Throw ⁶	
	17 175W ¹	XN High Reactance/ Lag Normal	347 347V	<u>Horizontal Lamp</u>	<u>Mounting¹⁰</u>
	20 200W	Power Factor	480 480V	R2 Area Type II	S9 Square Pole, 9" Arm
VLR Vertical Large Round	<u>VLR</u>	XH High Reactance/ Lag High	MT1 Multi-tap Wired 120V	R3 Area Type III	P9 Round Pole, 9" Arm
	25 250W	Power Factor	MT2 Multi-tap Wired 240V	R5 Area Type V ⁸	S2 Square Pole, 12" Arm
	32 320W	CA CWA	MT7 Multi-tap Wired 277V	FT Forward Throw, Sharp Cutoff ⁷	P2 Round Pole, 12" Arm
	35 350W	SC SCWA	TT3 Tri-tap Wired 347V		WP Wood Pole or Wall, 12" Arm
	40 400W	(Pulse Start) ⁵	DT2 Dual Tap 120/240 Wired 240V		WB Wall Bracket, 12" Arm
	X1 1000W ^{2,3}	CT CWI	DT4 Dual Tap 240/480 Wired 480V		EF External Mast Arm Fitter
			5T4 5-tap wired 480V		P3 Round Pole Fitter, 2-3/8" OD
					P7 Round Pole Fitter, 2-7/8" OD
					S3 Square Pole Fitter, 2-3/8" OD
					S7 Square Pole Fitter, 2-7/8" OD
				PT4 Spider Mount, 4" OD, Open Top	

Options	
<u>Paint¹¹</u>	<u>Lamp</u>
(blank) Bronze (standard)	LC Lamp Included, Clear
BK Black	LD Lamp Included, Deluxe/Coated
GY Gray	<u>Starter¹⁴</u>
WH White	(blank) Open Board (standard)
UP Unpainted	EC Encapsulated Plug-in
	OP Open Plug-in

<u>Terminal Block</u>	
(blank) Terminal Block (standard)	
T2 Wired to L1 & L2 Positions	
T3 3 Wire Operation (L1, N, L2 Position)	

<u>Listing</u>	
(blank) UL Listed (standard)	
CS CSA Certified	

<u>Fusing¹²</u>	
SF Single Fuse (120, 277, 347V)	
DF Double Fuse (208, 220, 240, 480V)	

<u>Photocontrol Receptacle</u>	
(blank) NEMA Photocontrol Receptacle (standard)	
NR No Photocontrol Receptacle ¹³	

<u>Misc.</u>	
A4 4-7/8" Hole Spacing on Housing and Arm ¹⁰	
PC Photocontrol Included per Voltage Specified ¹³	
TL Tool-less Entry	
SS Stainless Steel Fasteners (external)	
5H 50 Hertz Ballast Cycle ¹⁵	
NL NEMA Label on Housing	
SH Shorting Cap ¹³	

- Notes:
- Contact factory for availability of EISA-compliant product in this wattage
 - 1000W HPS uses reduced jacketed lamp for FG options
 - 1000W MH uses reduced jacketed lamp
 - Not available with SCWA
 - Metal Halide only
 - VLR only
 - Not available with PT4 option
 - VMR only
 - Nighttime Friendly™ optic
 - Standard arm-hole bolt spacing is 4-1/4". For 4-7/8" spacing, order "A4" option.
 - Other colors available, please contact your AEL representative
 - VOIDS UL/CSA Listing, N/A with MT, TT, and DT voltages
 - PC & SH not available with NR option
 - HPS only, 400W max
 - Limited availability, please contact your AEL representative

Luminaires may utilize fluorescent or high intensity discharge sources that contain small amounts of mercury. New disposal labeling for these lamps includes the mercury identifier shown on the right to indicate that the lamp contains mercury and should be disposed of in accordance with local requirements. Information sources regarding lamp recycling and disposal are included on the packaging of most mercury-containing lamps and also can be located at www.lamprecycle.org.



VMR
Effective Projected Area (EPA)
 The EPA for the VMR Arm Mount is 1.0 sq. ft.
 The EPA for the VMR Post-top is 1.2 sq. ft.
 Approx. Wt. = 35 lbs.

VLR
Effective Projected Area (EPA)
 The EPA for the VLR Arm Mount is 2.1 sq. ft.
 The EPA for the VLR Post-top is 2.5 sq. ft.
 Approx. Wt. = 56 lbs.

All wattage, distribution and optic combinations are available, except:

- VMR 20M: FT FG, R2 FG, R3 FG, R5 FG, FT DG, R2 DG, R3 DG
- VLR 32M: R2 FG, R3 FG, FT FG, R2 FG, R3 FG, FT DG
- VLR 35M: R2 FG, R3 FG, FT FG, R2 FG, R3 FG, FT DG
- VLR X1M: FV FG, FV DG, R2 FG, R3 FG, FT FG, R2 FG, R3 FG, FT DG
- VLR X1S: FV FG, FV DG, R2 FG, R3 FG, FT FG, R2 FG, R3 FG, FT DG

PREFERRED SELECTION CATALOG NUMBERS

VMR 10M XH MT1 R2 FG P9 TL
 VLR 40M SC MT1 SM DG P9 TL NL
 VLR 40M SC MT1 FT FG P9 TL NL

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