

V2MR

SPECIFICATION GRADE LED RECESSED BASKET (WITH METRIC OPTION)

500 mm x 1 500mm, 20" x 60"



AimLite's specification grade low profile construction LED recessed luminaire is ideal for shallow plenum spaces. This fixture is perfectly suited for modular or metric ceiling systems as well as for Air-handling applications. Our V2MR provides uniform ambient lighting for all commercial and institutional applications with recessed configurations and for a variety of lighting applications such as offices, schools, hospitals, etc.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing & Finishing

One piece faceplate without any welds. Air handling option. Standard white enamel paint. Powder coat finish.

Air functions

Choice of static or air handling to handle the supply and return air in air-conditioned or ventilated spaces.

Mounting

Recessed inverted T-Bar ceilings.

Lens

Opal linear lens diffuser.

BRIDGE

This unit can be used as an emergency backup unit powered from a stand-alone battery unit. Please view the BRIDGE brochure for more details on this technology.

ELECTRICAL

120-277 V or 347 V electronic driver with 0-10V dimming is standard. Long-life LEDs that provide 80+ CRI are available in 3 000 K, 3 500 K, 4 000 K and 5 000 K.

COMPLIANCES

- Meets requirements of ICES-005
- UL1598
- CSA C22.2 No. 250.0
- CSA Certified to C22.2 #141-15 (When use with DL and EL options)

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	111 - 135
WATTS [W]	35 - 67	COLOR TEMPERATURE [K]	3 000, 3 500, 4 000, 5 000
LUMEN OUTPUT [LM]	4 121 - 8 157	CRI	80 +



 LED
  DIMMABLE
  ICES 005
 

* 5 year warranty for the BRIDGE module.

ORDERING GUIDE (METRIC)

V2MR		L				
SERIES	DIMENSIONS (MM)	LAMP TYPE	LUMEN PACKAGE ¹ [LM]	VOLTS [V]	COLOR TEMP. [K]	OPTIONS
V2MR	3MD - STATIC 500 MM X 1500 MM [495.30 MM X 1 492.25 MM] 3MA - AIR HANDLING 500 MM X 1 500 MM [495.30 MM X 1492.25 MM]	L - LED	A1 A2 A3 A4	4 - 120 8 - 347 2 - 120-277	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	DIM2 - LINE VOLTAGE DIMMING, DRIVER 120 V DALI - DIGITAL ADRESSABLE LIGHTING INTERFACE DRIVER EL ² - BRIDGE EMERGENCY POWER CONVERSION MODULE DL - EMERGENCY BACKUP (120 V & 120-277 V ONLY)

¹ Please consult technical specification table files for details.

² Not available for the A4 version.

ORDERING GUIDE (IMPERIAL)

V2MR		L				
SERIES	DIMENSIONS (INCH)	LAMP TYPE	LUMEN PACKAGE ¹ [LM]	VOLTS [V]	COLOR TEMP. [K]	OPTIONS
V2MR	4MD - STATIC 20" X 60" [19.878 X 59.750] 4MA - AIR HANDLING 20" X 60" [19.878 X 59.750]	L - LED	A1 A2 A3 A4	4 - 120 8 - 347 2 - 120-277	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	DIM2 - LINE VOLTAGE DIMMING, DRIVER 120 V DALI - DIGITAL ADRESSABLE LIGHTING INTERFACE DRIVER EL ² - BRIDGE EMERGENCY POWER CONVERSION MODULE DL - EMERGENCY BACKUP (120 V & 120-277 V ONLY)

¹ Please consult technical specification table files for details.

² Not available for the A4 version.

BRIDGE TECHNICAL SPECIFICATION TABLE

LUMEN PACKAGE	BRIDGE WATTS [W] ¹	3 000 K BRIDGE LUMEN OUTPUT [LM] ²	3 500 K BRIDGE LUMEN OUTPUT [LM] ²	4 000 K BRIDGE LUMEN OUTPUT [LM] ²	5 000 K BRIDGE LUMEN OUTPUT [LM] ²
A1	11	810	830	863	890
A2		800	820	853	880
A3		845	865	900	928

¹ Maximum wattage per Bridge Unit 11 W

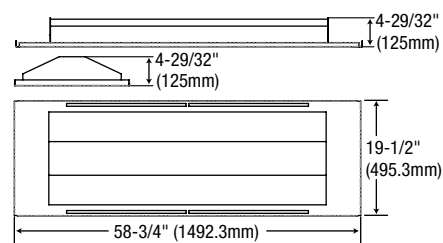
² Lumens based on calculated values. Specifications are subject to change at any time without notice.

TECHNICAL SPECIFICATION TABLE

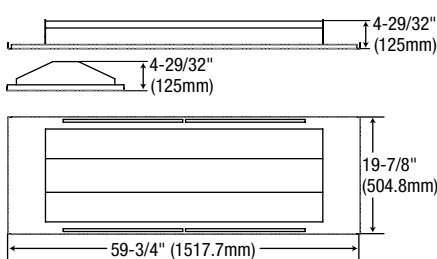
LUMEN PACKAGE	WATTS [W]	VOLTS [V]	3 000 K		3 500 K		4 000 K		5 000 K		CRI	LIFE L70 [HRS]	TESTED HOURS LM-80 [HRS]
			LUMEN [LM]	EFFICACY [LM/W]	LUMEN [LM]	EFFICACY [LM/W]	LUMEN [LM]	EFFICACY [LM/W]	LUMEN [LM]	EFFICACY [LM/W]			
A1	35	120-277 347	4 121	118	4 224	121	4 393	126	4 531	129	80+	201 000	10 000
A2	42		4 801	114	4 920	117	5 117	122	5 280	126	80+	201 000	10 000
A3	47		5 752	122	5 892	125	6 128	130	6 322	135	80+	201 000	10 000
A4	67		7 408	111	7 602	113	7 907	118	8 157	122	80+	201 000	10 000

DIMENSIONS

500MM X 1 500MM [METRIC]



20" X 60" [IMPERIAL]

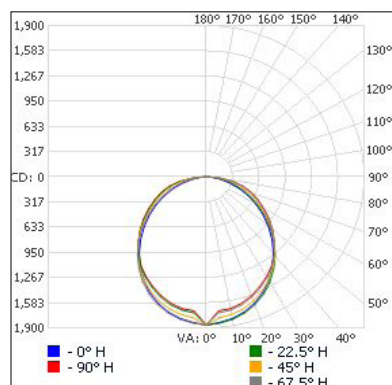


Note: Line drawings reference air handling slotted luminaire, static luminaire outer dimensions are identical.

PHOTOMETRIC DATA¹

V2MR-4MD-LA2-[2/8]-40K • 5 111.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 379.2	27
0-40	2 247.4	44
0-60	3 927.3	76.8
60-90	1182.5	23.1
70-100	559.4	10.9
90-120	1.1	0
0-90	5 109.9	100
90-180	1.1	0
0-180	5 111	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	645	4.3'	4.8'
3.3'	171	8.3'	9.3'
5.0'	74.5	12.6'	14.1'
6.7'	41.5	16.9'	18.9'
8.3'	27.0	21.0'	23.4'
10.0'	18.6	25.3'	28.2'

■ Vert. Spread: 103.3° ■ Hor. Spread: 109.3°

¹ Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.