

DELUGE - RMN

WET LOCATION ANTI VANDAL REMOTE

The RMN series of wet location anti vandal remotes is designed to perform in extreme environments. The single or double lamp assemblies are completely protected from the elements within a fully gasketed polycarbonate housing. Available in 6 V, 12 V or 24 V models, utilizing LED lamps.



FEATURES & SPECIFICATIONS

ELECTRICAL AND CIRCUITRY

- 6 VDC, 12 VDC or 24 VDC
- LED lamps

NUCLEUS

- This unit can be connected to Nucleus's smart battery unit. Please view the Nucleus brochure for more details on this technology

MECHANICAL

- Polycarbonate enclosure is

fully gasketed around lens and canopy to prevent water infiltration

- Stainless steel tamper proof screws and bits
- Wet location
- Lamps are fully adjustable
- Fully gasketed housing
- Available in white and black
- Universal spider knockout pattern stamped into backplate for junction box mounting
- For surface or suspended conduit mount use accessory JB031

AMBIENT

TEMPERATURE









- -35°C to +40°C

- Meets requirements of ICES-005

APPROVALS

- CSA Certified to C22.2 #141-15
- CSA Certified type 2, 3, 3R, 4, 4X, 5, 12 or 12K
- CSA Certified to NSF 2
- IP66
- IK10

COMPLIANCE

OVERVIEW	
LIGHT SOURCE	LED
DC VOLTAGE [VDC]	6, 12 OR 24
<div>  NUCLEUS COMPATIBLE  LED  WET LOCATION  IP66 RATING  ICES 005  IK10 IMPACT RESISTANCE  CSA  CSA </div>	

For complete warranty details, please see our terms and conditions 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.



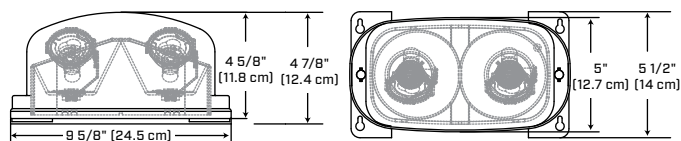
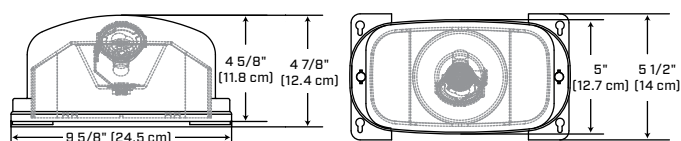
Remote head shall be completely protected from the elements within a fully gasketed polycarbonate housing, be fully adjustable both tilt and swivel and have a universal spider knockout pattern stamped into back plate for junction box mounting. The RMN shall be () V, () W, () lumens. The MR16 LED's lamps shall be fully integrated in the molded shell to ensure extended life and maximum performance. The remote fixtures shall be certified to CSA 22.2 No.141-15, CSA Certified type 2, 3, 3R, 4, 4X, 5, 12, CSA Certified to NSF 2, IP66, IK10 and be ICESQ05 compliant. The remote unit shall be Aimlite model:

RMN _____

ORDERING GUIDE - LED

RMN			-				
SERIES	NBR OF HEADS	VOLTAGE (VDC)		WATTAGE (W)		LAMP TYPE	COLOR
RMN	1- SINGLE HEAD	06-24V - 6VDC TO 24VDC OPERATIONAL		4W - 4 WATTS		LR - LED	BLK - BLACK WHT - WHITE
	2- DOUBLE HEAD			5W - 5 WATTS		LA - LED	
		12-24V - 12VDC TO 24 VDC OPERATIONAL		6W - 6 WATTS		LA - LED	
				7W - 7 WATTS			
	1- SINGLE HEAD	NUC - NUCLEUS DRIVER		5W - 5 WATTS		LA - LED	
2- DOUBLE HEAD	NUC - NUCLEUS DRIVER		2.5W - 2.5 WATTS 5W - 5 WATTS				

DIMENSIONS



LEXAN GUARD

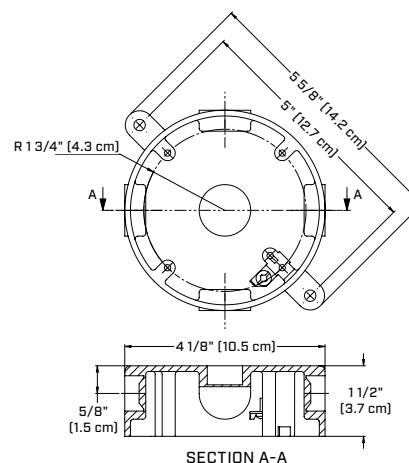
	PART NUMBER	DIMENSIONS (IN)
WALL MOUNT	PGD104	14 x 7.25 x 7.5

LUMEN TABLE

WATTS	LUMENS
4W LR	388
5W LA	435
6W LA	507
7W LA	652

ACCESSORIES (ORDER SEPARATELY)

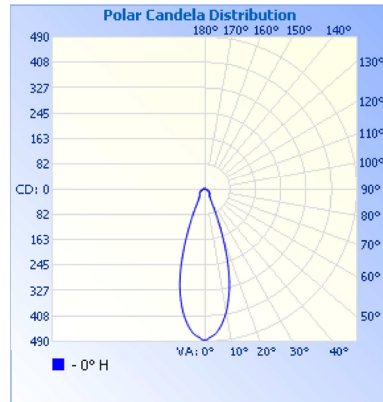
PART NUMBER	TYPE
JB031	4-INCH OCTAGONAL PVC BOX WITH 5 X 1/2 INCH THREADED HUBS



PHOTOMETRIC DATA¹

MR16-06-24V4WLR • 228.7 LM


POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

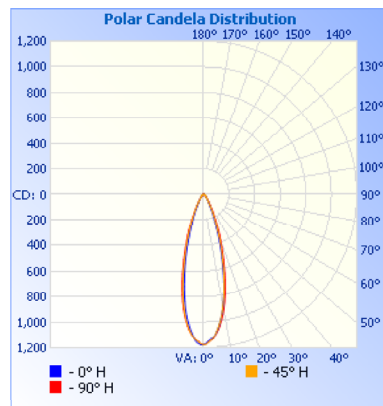
ZONE	LUMENS	% FIXTURE
0-30	164.4	71.9
0-40	182.0	79.6
0-60	214.8	93.9
60-90	13.9	6.1
70-100	4.1	1.8
90-120	0	0
0-90	228.7	100
90-180	0	0
0-180	228.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	168		1.1'	
3.3'	44.5		2.1'	
5.0'	19.4		3.2'	
6.7'	10.8		4.3'	
8.3'	7.04		5.3'	
10.0'	4.85		6.4'	
■ Vert. Spread: 35.4°				

MR16-06-24V5WLA • 440.7 LM


POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

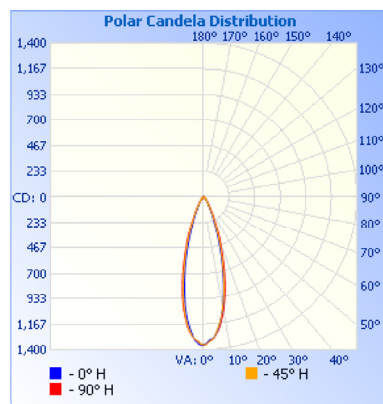
ZONE	LUMENS	% FIXTURE
0-30	352.6	80
0-40	391.8	88.9
0-60	427.2	96.9
60-90	13.5	3.1
70-100	4.3	1
90-120	0	0
0-90	440.7	100
90-180	0	0
0-180	440.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	407		0.9'	1.0'
3.3'	108		1.7'	1.9'
5.0'	47.0		2.6'	2.8'
6.7'	26.2		3.5'	3.8'
8.3'	171		4.3'	4.7'
10.0'	11.8		5.2'	5.7'
<div>■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°</div>				

MR16-12-24V6WLA • 508.7 LM

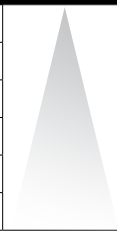
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	407.0	80
0-40	452.3	88.9
0-60	493.1	96.9
60-90	15.6	3.1
70-100	4.9	1
90-120	0	0
0-90	508.7	100
90-180	0	0
0-180	508.7	100

ILLUMINANCE AT A DISTANCE

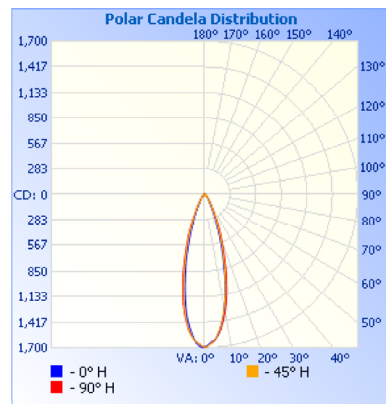
CENTER BEAM FC			BEAM WIDTH	
1.7'	470		0.9'	1.0'
3.3'	125		1.7'	1.9'
5.0'	54.3		2.6'	2.8'
6.7'	30.2		3.5'	3.8'
8.3'	19.7		4.3'	4.7'
10.0'	13.6		5.2'	5.7'
■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°				

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

MR16-12-24V7WLA • 635.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	508.2	80
0-40	564.7	88.9
0-60	615.7	96.9
60-90	19.5	3.1
70-100	6.1	1
90-120	0	0
0-90	635.2	100
90-180	0	0
0-180	635.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	587	0.9'	1.0'
3.3'	156	1.7'	1.9'
5.0'	67.8	2.6'	2.8'
6.7'	37.8	3.5'	3.8'
8.3'	24.6	4.3'	4.7'
10.0'	16.9	5.2'	5.7'

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

¹ Complete IES files available on our website.