

# 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 quartz halogen or LED (bi-pin based) lamps.



### FEATURES & SPECIFICATIONS

#### ELECTRICAL AND CIRCUITRY

- 6 VDC, 12 VDC or 24 VDC
- Quartz halogen lamps - bi-pin based
- LED lamps - bi-pin based

#### 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

#### AMBIENT TEMPERATURE








- -35°C to +40°C

#### 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

#### COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW	
LIGHT SOURCE	LED OR QUARTZ HALOGEN
DC VOLTAGE (VDC)	6, 12 OR 24
<div>  NUCLEUS COMPATIBLE            LED            WET LOCATION            IP66 RATING            ICES 005             </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.

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

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 and be ICES005 compliant. The remote unit shall be Aimlite model: RMN \_\_\_\_\_

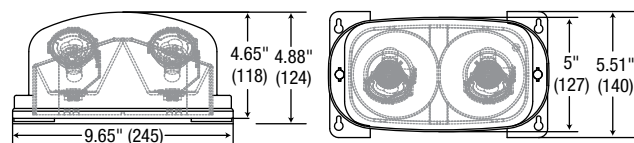
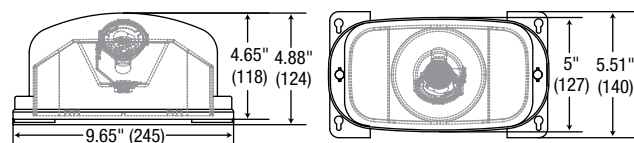
## ORDERING GUIDE - LED

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					

## ORDERING GUIDE - INCANDESCENT

RMN		-			
SERIES	NBR OF HEADS	VOLTAGE (VDC)		LAMP TYPE	COLOR
RMN	1 - SINGLE HEAD	6V - 6		10WQ - QUARTZ HALOGEN	BLK - BLACK WHT - WHITE
	2 - DOUBLE HEAD	24V - 24		12WQ - QUARTZ HALOGEN	

## DIMENSIONS



## LEXAN GUARD

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

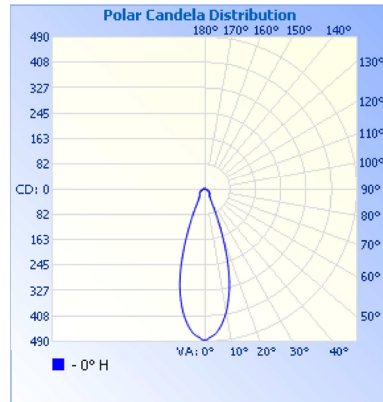
## LUMEN TABLE

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

## PHOTOMETRIC DATA<sup>1</sup>

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

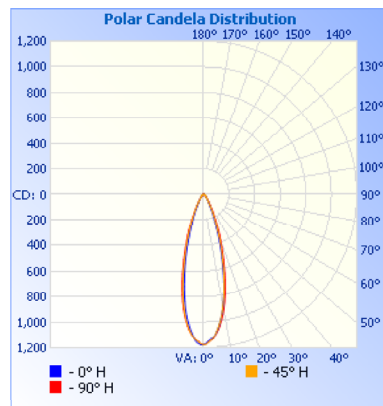
### ILLUMINANCE AT A DISTANCE

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

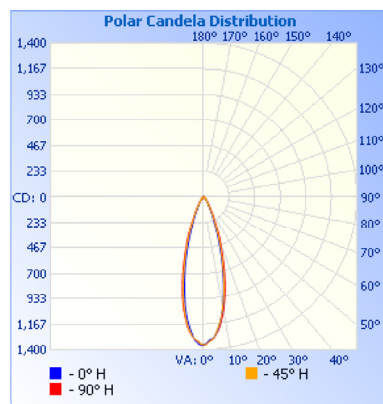
### ILLUMINANCE AT A DISTANCE

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'	17.1	4.3'	4.7'
10.0'	11.8	5.2'	5.7'

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

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'

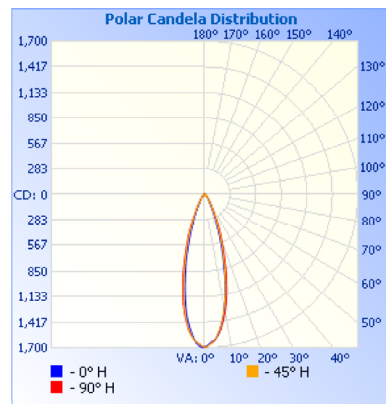
■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

<sup>1</sup> Complete IES files available on our website.

## PHOTOMETRIC DATA<sup>1</sup>

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°

<sup>1</sup> Complete IES files available on our website.