

DELUGE - RMNX HAZARDOUS LOCATION REMOTE

CLASS I, DIV 2, GROUPS A, B, C, D
 CLASS II, DIV 2, GROUPS F, G
 CLASS III, DIV 2

The RMNX 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 (bi-pin based) lamps.



FEATURES & SPECIFICATIONS

ELECTRICAL AND CIRCUITRY

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

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
- Temperature code: T4A
- For surface or suspended conduit mount use accessory JB032

AMBIENT TEMPERATURE

- -35 °C to +40 °C

APPROVALS

- CSA Certified to C22.2 #141-15
- CSA Certified to C22.2 #137
- CSA Certified type 2, 3, 3R, 4, 4X, 5, 12 or 12K
- CSA Certified to NSF 2
- IP66
- IK10
- Class I, Div 2, Groups A, B, C, D
- Class II, Div 2, Groups F, G
- Class III, Div 2

COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW	
LIGHT SOURCE	LED
DC VOLTAGE [VDC]	6, 12 OR 24
 LED  WET LOCATION  IP RATING  ICES 005  HAZARDOUS LOCATION  IMPACT RESISTANCE  	

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



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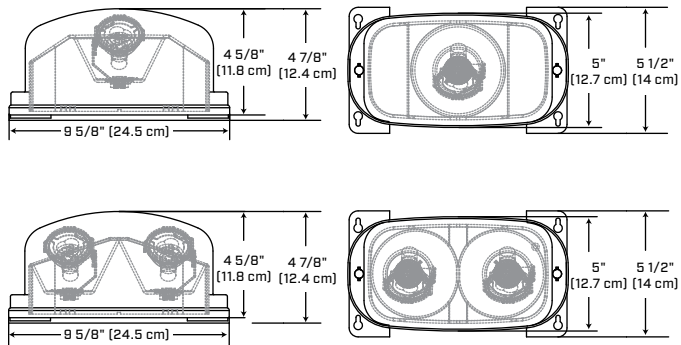
Remote head shall be completely protected from the elements within a fully gasketed polycarbonate housing, be fully adjustable both tilt and swivel and have a universal spider knockout pattern stamped into back plate for junction box mounting. The RMNX shall be () V, () W, () lumens. The MR16 LED's lamps shall be fully integrated in the molded shell to ensure extended life and maximum performance. The remote fixtures shall be HAZARDOUS LOCATION Class I, div 2, groups A, B, C, D Class II, div 2, groups F, G Class III, div 2, 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 ICES005 compliant. The remote unit shall be Aimlite model:

RMNX _____

ORDERING GUIDE - LED

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

DIMENSIONS



ACCESSORIES (order separately)

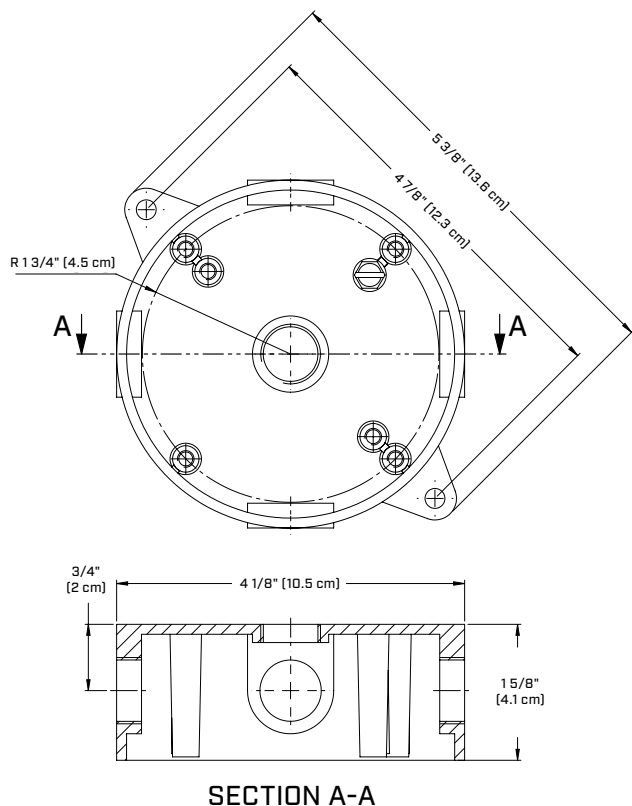
PART NUMBER	TYPE
J8032	JUNCTION BOX ROUND WATERPROOF WITH 5 X 1/2 INCH HUBS ALUMINUM

LUMEN TABLE

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

LEXAN GUARD

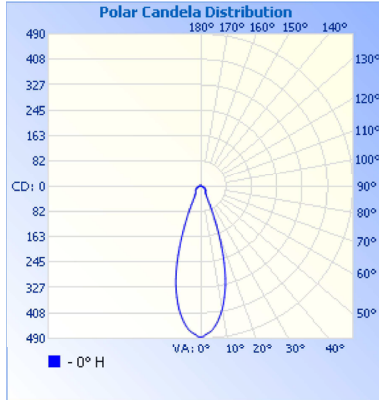
	PART NUMBER	DIMENSIONS (IN)
WALL MOUNT	PGD104	14 x 7.25 x 7.5



PHOTOMETRIC DATA¹

MR16-06-24V4WLR • 228.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

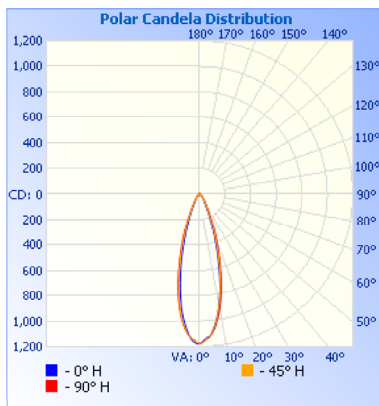
ZONE	LUMENS	% FIXTURE
0-30	164.4	71.9
0-40	182.0	79.6
0-60	214.8	93.9
60-90	13.9	6.1
70-100	4.1	1.8
90-120	0	0
0-90	228.7	100
90-180	0	0
0-180	228.7	100

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

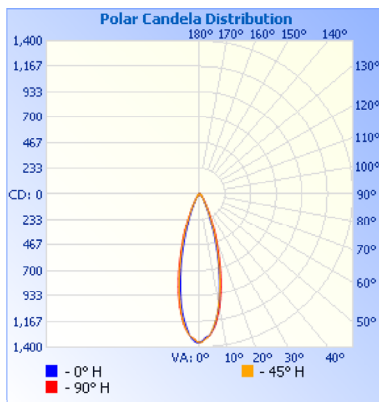
ZONE	LUMENS	% FIXTURE
0-30	352.6	80
0-40	391.8	88.9
0-60	427.2	96.9
60-90	13.5	3.1
70-100	4.3	1
90-120	0	0
0-90	440.7	100
90-180	0	0
0-180	440.7	100

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'	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

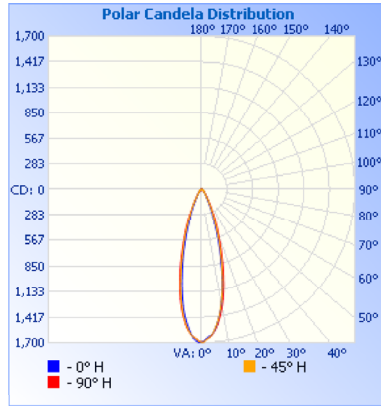
CENTER BEAM FC			BEAM WIDTH	
1.7'	470		0.9'	1.0'
3.3'	125		1.7'	1.9'
5.0'	54.3		2.6'	2.8'
6.7'	30.2		3.5'	3.8'
8.3'	19.7		4.3'	4.7'
10.0'	13.6		5.2'	5.7'
■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°				

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.