

# RMSM PAR18/MR16 MINI REMOTE

PLASTIC CONSTRUCTION

SINGLE, DOUBLE, TRIPLE, OR QUAD

6 V, 12 V & 24 V LAMPS

LED, QUARTZ & TUNGSTEN



The RMSM series of commercial thermoplastic PAR18/MR16 remotes provides the perfect balance of value and performance. The heads are fully adjustable and both tilt and swivel are lockable. The standard canopy is designed to mount directly to typical electrical junction boxes. Available in 6 V, 12 V and 24 V models, utilizing either LED, tungsten or quartz halogen lamps.

## FEATURES & SPECIFICATIONS






- UV stabilized, high impact thermoplastic, composite head construction
- Fully adjustable - both tilt and swivel
- 5" diameter thermoplastic canopy standard
- Two surface canopy mounting holes designed to match standard electrical junction boxes
- White color is standard,
- black is optional
- Variety of lamp options:
  - 6 VDC, 12 VDC or 24 VDC
  - Tungsten lamps
  - Quartz halogen lamps
  - LED lamps
- AimLite's LED current technology ensures the lumens output remains constant throughout the battery's discharge whether at 6 V, 12 V, or 24 V applications.

### NUCLEUS

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

### APPROVALS

- CSA Certified to C22.2 #141-15
- Meets requirements of ICES-005

OVERVIEW			
<b>LIGHT SOURCE</b>	LED OR INCANDESCENT	<b>DC VOLTAGE (VDC)</b>	6, 12, 24
 NUCLEUS COMPATIBLE	 QUICKSHIP	 LED	 ICES 005 

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.

## QUICK SHIP ORDERING GUIDE



PART NO	DC VOLTS (VDC)	NBR OF HEADS	HEAD	LAMP (W)	LIGHT SOURCE	COLOR
RMSM1-06V2WLJWHT	6	1	RMSM	2	LED	WHITE
RMSM1-12V2WLJWHT	12	1	RMSM	2	LED	WHITE
RMSM1-06-12V3WLJ	6-12	1	RMSM	3	LED	WHITE
RMSM1-06-12V4WLJ	6-12	1	RMSM	4	LED	WHITE
RMSM1-06V08WQ	6	1	RMSM	8	QUARTZ	WHITE
RMSM1-06V09WT	6	1	RMSM	9	TUNGSTEN	WHITE
RMSM1-12V09WT	12	1	RMSM	9	TUNGSTEN	WHITE
RMSM1-12V12WQ	12	1	RMSM	12	QUARTZ	WHITE
RMSM1-24V09WT	24	1	RMSM	9	TUNGSTEN	WHITE
RMSM1-24V12WQ	24	1	RMSM	12	QUARTZ	WHITE
RMSM2-06V2WLJWHT	6	2	RMSM	2	LED	WHITE
RMSM2-12V2WLJWHT	12	2	RMSM	2	LED	WHITE
RMSM2-06-12V3WLJ	6-12	2	RMSM	3	LED	WHITE
RMSM2-06-12V4WLJ	6-12	2	RMSM	4	LED	WHITE
RMSM2-06V08WQ	6	2	RMSM	8	QUARTZ	WHITE
RMSM2-06V09WT	6	2	RMSM	9	TUNGSTEN	WHITE
RMSM2-12V09WT	12	2	RMSM	9	TUNGSTEN	WHITE
RMSM2-12V12WQ	12	2	RMSM	12	QUARTZ	WHITE
RMSM2-24V09WT	24	2	RMSM	9	TUNGSTEN	WHITE
RMSM2-24V12WQ	24	2	RMSM	12	QUARTZ	WHITE

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

## ORDERING GUIDE - LED

SERIES	NBR OF HEADS	VOLTS (VDC OPERATIONAL)	WATTAGE (W)	LAMP TYPE	COLOR	OPTIONS
RMSM	1 - SINGLE HEAD	06-12V - 6 TO 12	3W - 3	LJ - LED	WHT - WHITE [STANDARD] BLK - BLACK	LCP - LESS CANOPY VDR - TAMPER PROOF SCREWS WGD - WIREGUARD (ORDER SEPARATELY)
	2 - DOUBLE HEAD		4W - 4			
	3 - TRIPLE HEAD		5W - 5			
	4 - QUAD HEAD (REQUIRE 9.53" DIA. CANOPY)	12-24V - 12 TO 24	6W - 6	LA - LED		
			7W - 7			
		24V - 24	4W - 4	LR - LED		
		5W - 5	LA - LED			
	1 - SINGLE HEAD	NUC - NUCLEUS DRIVER	4W - 4	LJ - LED		
	2 - DOUBLE HEAD		2.5W - 2.5			

## ORDERING GUIDE - INCANDESCENT

SERIES	NBR OF HEADS	VOLTS (VDC)	LAMP	COLOR	OPTIONS
RMSM	1 - SINGLE HEAD 2 - DOUBLE HEAD 3 - TRIPLE HEAD 4 - QUAD HEAD (REQUIRE 9.53" DIA. CANOPY)	06V - 6 12V - 12 24V - 24	SEE LAMP SELECTION CHART BELOW	WHT - WHITE (STANDARD) BLK - BLACK	LCP - LESS CANOPY WGD - WIREGUARD (ORDER SEPARATELY)

## LAMP SELECTION - INCANDESCENT

PAR18 • SMALL HEAD	6 V	12 V	24 V
QUARTZ HALOGEN	10WQ	10WQ, 12WQ	12WQ
TUNGSTEN	Q9WT	9WT	9WT, 18WT

## WIREGUARD<sup>1</sup>

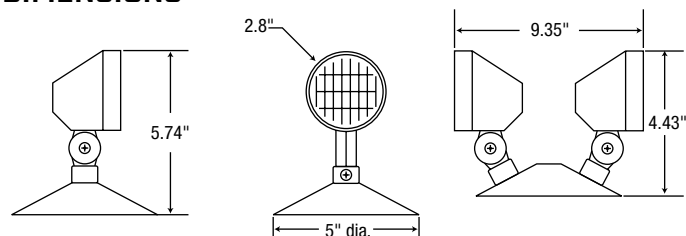
	PART NUMBER	DIMENSIONS (IN)
1 HEAD	WGD550	8.5 X 6 X 7
2 HEADS	WGD630	12 X 9 X 9

<sup>1</sup> Please contact AimLite customer service representative for more information

## PHOTOMETRY PERFORMANCE

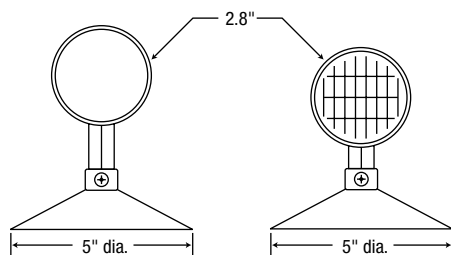
LED		LUMEN OUTPUT [LM]	LM/W	CCT	BEAM ANGLE [°]
2W	LJ	216	63	5 000	20
3W	LJ	313	104	5 000	20
4W	LJ	429	107	5 000	28
5W	LJ	591	118	5 000	28
4W	LR	320	80	5 000	24
5W	LA	438	87	5 000	24
6W	LA	505	84	5 000	24
7W	LA	631	90	5 000	24

## DIMENSIONS



### LED

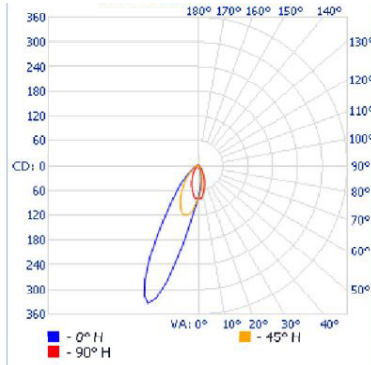
### QUARTZ TUNGSTEN



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

### PAR18-6V2WLJ • 124.0 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	68.9	55.6%
0-40	93.3	75.3%
0-60	116.1	93.6%
60-90	7.9	6.4%
0-90	124.0	100%

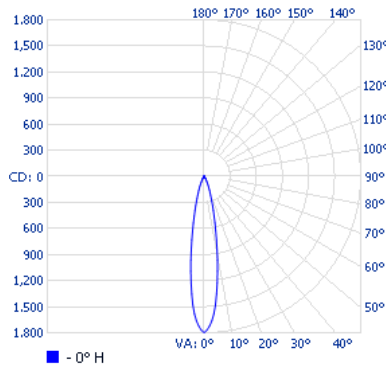
#### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	19.75	0.7'	0.8'
4.0'	4.94	1.5'	1.6'
6.0'	2.19	2.2'	2.4'
8.0'	1.23	3.0'	3.2'
10.0'	0.79	3.7'	4.1'

■ Vert. Spread: 21.2° ■ Hor. Spread: 22.9°

### PAR18-06-12V3WLJ • 309.0 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	282.9	91.6%
0-40	297.5	96.3%
0-60	306.9	99.3%
60-90	2.1	0.7%
70-100	0.3	0.1%
90-120	0	0%
0-90	309.0	100%
90-180	0	0%
0-180	309.0	100%

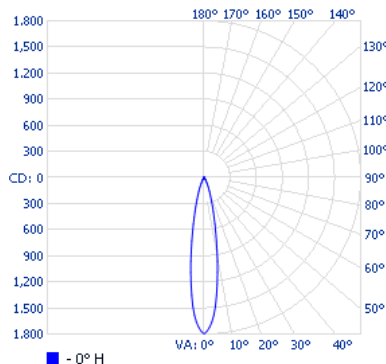
#### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	622	0.6'	
3.3'	165	1.1'	
5.0	71.8	1.7'	
6.7	40.0	2.3'	
8.3	26.1	2.8'	
10.0	18.0	3.4'	

■ Vert. Spread: 19.3°

### PAR18-06-12V4WLJ • 429.5 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	325.3	75.7%
0-40	369.4	86%
0-60	410.4	95.5%
60-90	19.2	4.5%
0-90	429.5	100%

#### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	402	0.8'	8.2'
3.3'	107	1.6'	16.4'
5.0	46.4	2.4'	24.6'
6.7	25.9	3.2'	32.8'
8.3	16.9	3.9'	41.0'
10.0	11.6	4.7'	49.2'

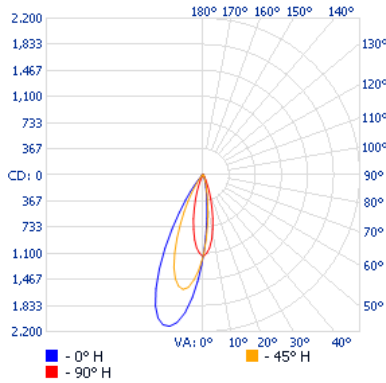
■ Vert. Spread: 26.6° ■ Hor. Spread: 27.1°

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

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

PAR18-06-12V5WLJ • 655.3 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	515.6	78.7%
0-40	595.7	90.9%
0-60	637.2	97.2%
60-90	18.0	2.8%
0-90	655.3	100%

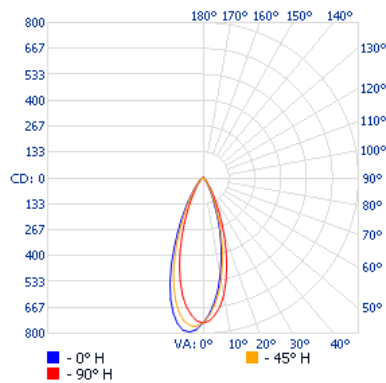
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH
1.7'	396	
3.3'	105	0.9'    0.9'
5.0	45.8	1.7'    1.7'
6.7	25.5	2.5'    2.6'
8.3	16.6	3.4'    3.5'
10.0	11.5	4.2'    4.3'
		5.1'    5.2'

■ Vert. Spread: 28.6°    ■ Hor. Spread: 29.4°

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%

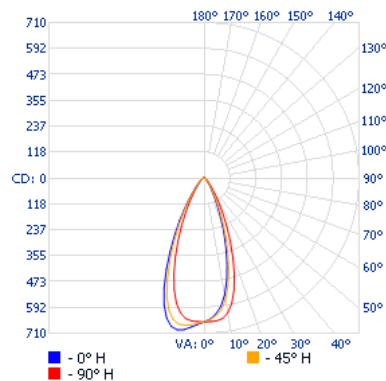
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH
1.7'	168	
3.3'	44.5	1.1'    1.1'
5.0	19.4	2.1'    2.1'
6.7	10.8	3.2'    3.2'
8.3	7.04	4.3'    4.3'
10.0	4.85	5.3'    5.3'
		6.4'    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	
3.3'	108	0.9'    1.0'
5.0	47.0	1.7'    1.9'
6.7	26.2	2.6'    2.8'
8.3	17.1	3.5'    3.8'
10.0	11.8	4.3'    4.7'
		5.2'    5.7'

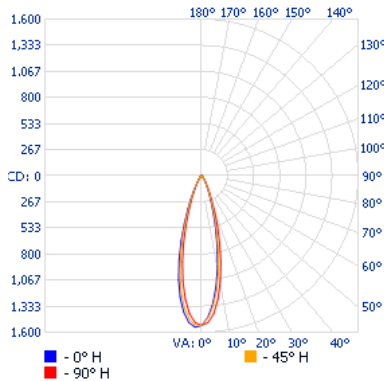
■ Vert. Spread: 29.3°    ■ Hor. Spread: 31.7°

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

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

MR16-12-24V6WLA • 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%

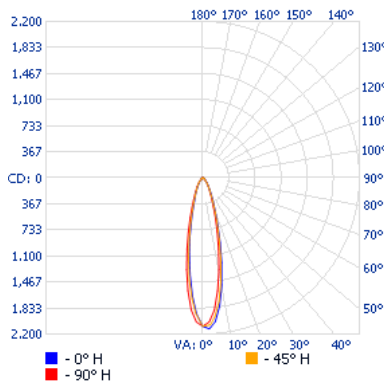
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH
1.7'	470	
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°

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	
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.