

RMSM PAR18/MR16 MINI REMOTE

PLASTIC CONSTRUCTION
 SINGLE, DOUBLE, TRIPLE, OR QUAD
 6 V, 12 V & 24 V LAMPS
 LED, & 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 or tungsten 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 V DC, 12 V DC or 24 V DC
 - Tungsten 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			
LIGHT SOURCE	LED OR INCANDESCENT	DC VOLTAGE (V DC)	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.

TYPICAL SPECIFICATION



TYPICAL SPECIFICATION

Remote head shall be () V, () W, () lumens, fully adjustable for maximum spacing, injection molded, impact resistant, flame retardant thermoplastic. The LED's, lens and circuit boards shall be fully integrated in the molded shell to ensure extended life and maximum performance. Fixture shall be supplied with a canopy for installation on any four-inch octagon box. The remote fixtures shall be certified to CSA 22.2 No.141-15 and be ICES005 compliant. The remote unit shall be Aimlite model: RMSM _____

QUICK SHIP ORDERING GUIDE



PART NO	DC VOLTS (V DC)	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
RMSM1-06V09WT	6	1	RMSM	9	TUNGSTEN	WHITE
RMSM1-12V09WT	12	1	RMSM	9	TUNGSTEN	WHITE
RMSM1-24V09WT	24	1	RMSM	9	TUNGSTEN	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
RMSM2-06V09WT	6	2	RMSM	9	TUNGSTEN	WHITE
RMSM2-12V09WT	12	2	RMSM	9	TUNGSTEN	WHITE
RMSM2-24V09WT	24	2	RMSM	9	TUNGSTEN	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

RMSM [] - [] [] [] [] / []

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

ORDERING GUIDE - INCANDESCENT

RMSM [] - [] [] [] [] / []

SERIES	NBR OF HEADS	VOLTS (V DC)	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	
TUNGSTEN	Q9WT	9WT	9WT, 18WT

WIREGUARD¹

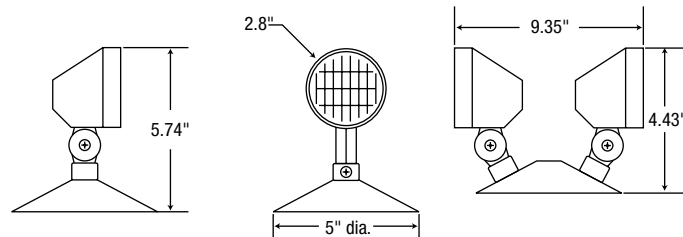
	PART NUMBER	DIMENSIONS (IN)
1 HEAD	WGD550-V2	11 X 8.75 X 6.75
2 HEADS	WGD630-V2	15.25 X 12.25 X 9

¹ 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
2.5W [NUCLEUS]	LJ	254	102	5 000	20
3W	LJ	313	104	5 000	20
4W	LJ	388	107	5 000	28
5W [NUCLEUS]	LJ	473	95	5 000	28
5W	LJ	590	118	5 000	28
4W	LR	388	80	5 000	24
5W	LA	435	87	5 000	24
6W	LA	507	84	5 000	24
7W	LA	652	90	5 000	24

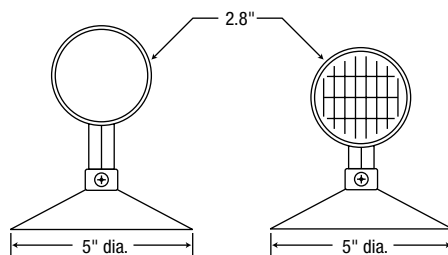
DIMENSIONS



LEXAN GUARD

	PART NUMBER	DIMENSIONS (IN)
1 HEAD	PGD103	7 X 7.25 X 8.5
2 HEADS	PGD104	14 X 7.25 X 7.5
3 HEADS	PGD104	14 X 7.25 X 7.5

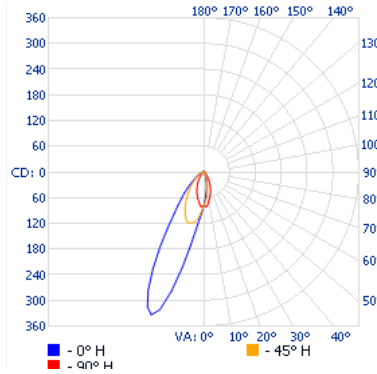
LED



PHOTOMETRIC DATA¹

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%

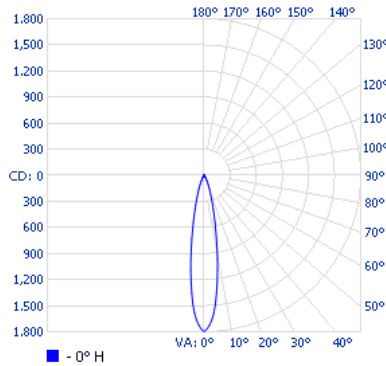
ILLUMINANCE AT A DISTANCE

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%

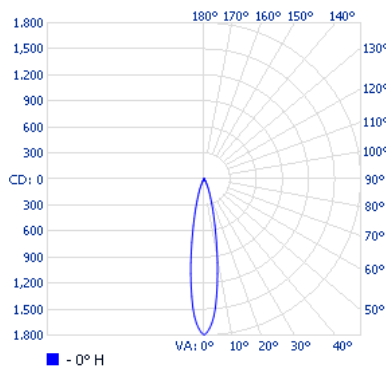
ILLUMINANCE AT A DISTANCE

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'

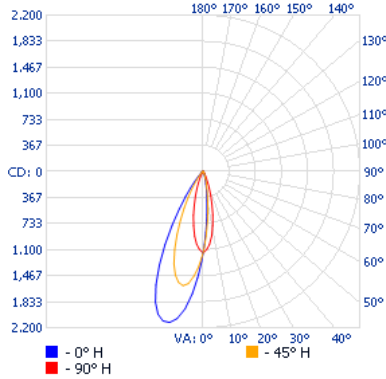
■ Vert. Spread: 26.6° ■ Hor. Spread: 27.1°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

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%

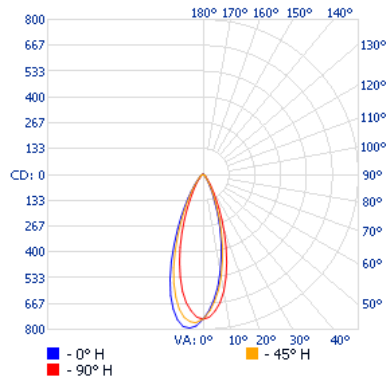
ILLUMINANCE AT A DISTANCE

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

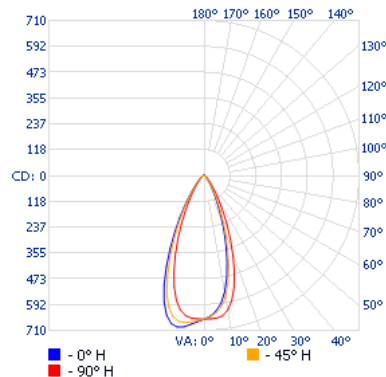
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	168		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'

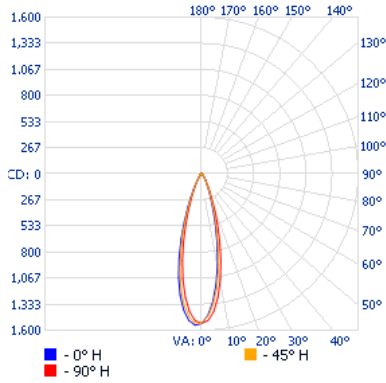
■ Vert. Spread: 29.3° ■ Hor. Spread: : 31.7°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

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%

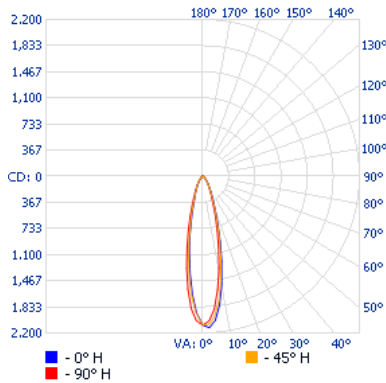
ILLUMINANCE AT A DISTANCE

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°

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.