

# RMHO

## HIGH OUTPUT REMOTE HEAD

### NEMA 4X LED

The RMHO series of high output remote heads are ideal for applications requiring maximum light output. It offers a brightness of up to 2 500 lumens which is perfect for high ceilings and long tunnels. Its cast aluminum housing is rated Nema 4x which makes it resistant to corrosion and wet environments.



### FEATURES & SPECIFICATIONS

#### MECHANIC




- Die cast, solid aluminum housing
- Impact resistant acrylic lens

- Stainless steel mounting hardware
- Fully gasketed for protection against wet and dust-filled environments

- LED lamps available in 12 to 24 VDC
- Suitable for installation both indoors and outdoors
- White color is standard, black is optional
- Temperature: -35°C to +25°C

#### COMPLIANCES

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

OVERVIEW			
<b>LIGHT SOURCE</b>	LED	<b>DC VOLTAGE (VDC)</b>	12, 24
 LED  ICES 005  CSA®			

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 Die cast, solid aluminum housing, fully adjustable for maximum spacing both tilt and swivel, fully gasketed for protection against wet and dust-filled environments and be ( ) V, ( ) W, ( ) lumens. 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, NEMA4X rated and be ICES005 compliant. The remote unit shall be Aimlite model: RMHO \_\_\_\_\_

## ORDERING GUIDE

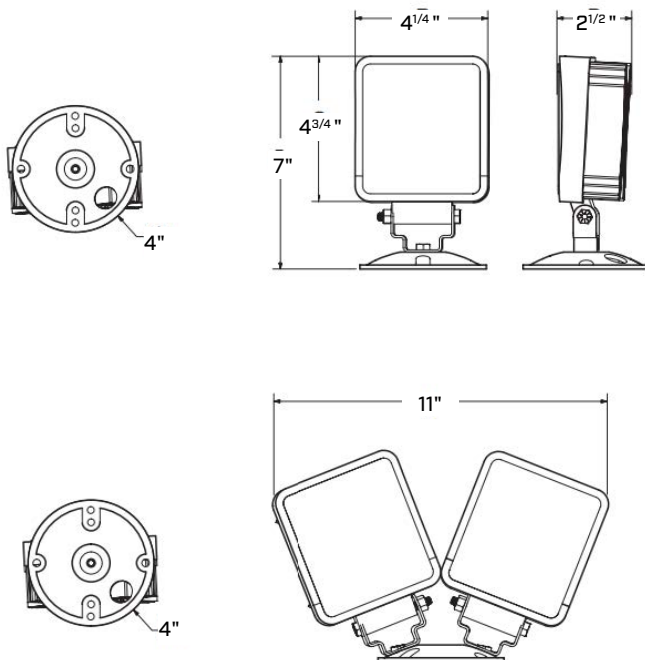
RMHO [ ] - [ ] [ ] [ ] [ ] / [ ]

SERIES	NBR OF HEADS	VOLTS (VDC OPERATIONAL)	WATTS (W)	LAMP TYPE	COLOR	OPTIONS
RMHO	1 - SINGLE HEAD 2 - DOUBLE HEAD	12-24V - 12 TO 24	5W - 5 9W - 9 14W - 14 30W - 30	LJ - LED ARRAY	WHT - WHITE (STANDARD) BLK - BLACK	LCP - LESS CANOPY VDR - TAMPERPROOF SCREW

## PHOTOMETRY PERFORMANCE

LED		LUMEN OUTPUT (LM)	EFFICIENCY (LM/W)
5W	LJ	630	126
9W	LJ	1 100	122
14W	LJ	1 460	104
30W	LJ	2 578	85

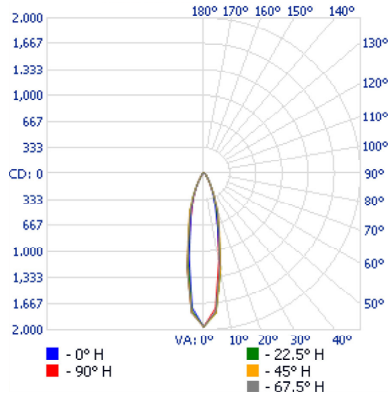
## DIMENSIONS



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

SQ-12V-5W • 642.1 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	481.0	74.9
0-40	548.2	85.4
0-60	611.0	95.1
60-90	31.1	4.8
70-100	12.2	1.9
90-120	0.0	0
0-90	642.1	100
90-180	0.1	0
0-180	642.1	100

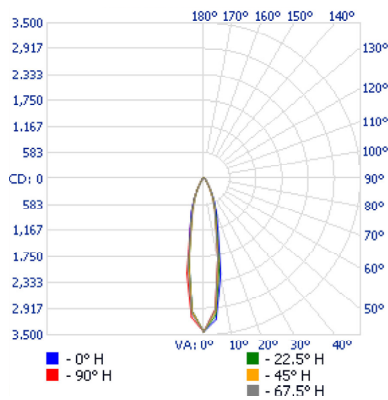
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	489.9	0.8	0.8
4.0"	122.5	1.7	1.7
6.0"	54.4	2.5	2.5
8.0"	30.6	3.3	3.4
10.0"	19.6	4.1	4.2

■ Vert. Spread: 23.4° ■ Hor. Spread: 23.8°

SQ-12V-9W • 1 105.1 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	835.2	75.6
0-40	948.6	85.8
0-60	1 051.8	95.2
60-90	53.1	4.8
70-100	20.9	1.9
90-120	0.1	0
0-90	1 104.9	100
90-180	0.2	0
0-180	1 105.1	100

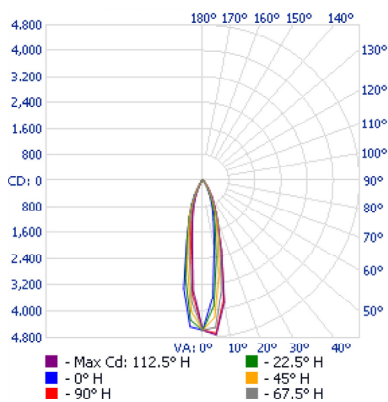
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	856.3	0.8	0.8
4.0"	214.1	1.7	1.6
6.0"	95.1	2.5	2.4
8.0"	53.5	3.4	3.2
10.0"	34.3	4.2	4.1

■ Vert. Spread: 23.8° ■ Hor. Spread: 22.9°

SQ-12V-14W • 1 460.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 142.6	78.2
0-40	1 289.7	88.3
0-60	1 407.8	96.4
60-90	52.7	3.6
70-100	18.7	1.3
90-120	0.0	0
0-90	1 460.6	100
90-180	0.1	0
0-180	1 460.7	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	1 143.8	0.8	0.8
4.0"	285.9	1.6	1.7
6.0"	127.1	2.4	2.5
8.0"	71.5	3.2	3.3
10.0"	45.8	4.0	4.2

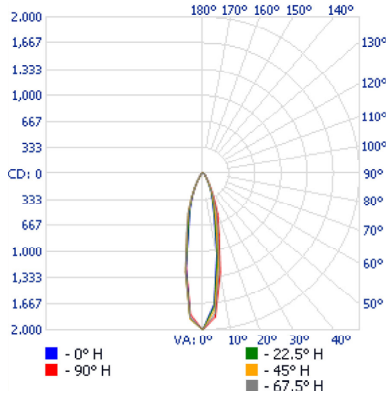
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

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

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

SQ-24V-5W • 659.0 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	493.6	74.9
0-40	562.7	85.4
0-60	627.1	95.2
60-90	31.8	4.8
70-100	12.4	1.9
90-120	0.0	0
0-90	658.9	100
90-180	0.1	0
0-180	659.0	100

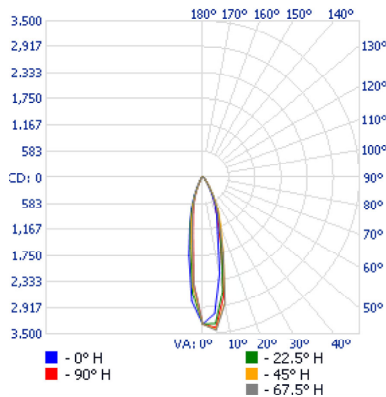
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	499.7	0.8	0.9
4.0"	124.9	1.6	1.8
6.0"	55.5	2.4	2.7
8.0"	31.2	3.2	3.6
10.0"	20.0	4.0	4.5

■ Vert. Spread: 22.6° ■ Hor. Spread: 25.3°

SQ-24V-9W • 1 114.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	835.1	74.9
0-40	954.7	85.7
0-60	1 060.8	95.2
60-90	53.8	4.8
70-100	21.1	1.9
90-120	0.1	0
0-90	1 114.6	100
90-180	0.1	0
0-180	1 114.7	100

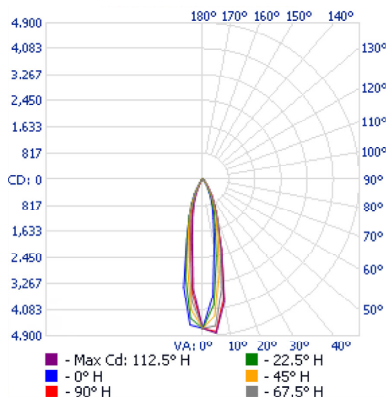
### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	820.9	0.9	0.8
4.0"	205.2	1.7	1.6
6.0"	91.2	2.6	2.4
8.0"	51.3	3.5	3.2
10.0"	32.8	4.4	4.0

■ Vert. Spread: 24.5° ■ Hor. Spread: 22.6°

SQ-24V-14W • 1 487.4 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 164.1	78.3
0-40	1 313.4	88.3
0-60	1 433.6	96.4
60-90	53.7	3.6
70-100	19.1	1.3
90-120	0.0	0
0-90	1 487.3	100
90-180	0.1	0
0-180	1 487.4	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0"	1 166.4	0.8	0.8
4.0"	291.6	1.6	1.7
6.0"	129.6	2.4	2.5
8.0"	72.9	3.2	3.3
10.0"	46.7	4.0	4.2

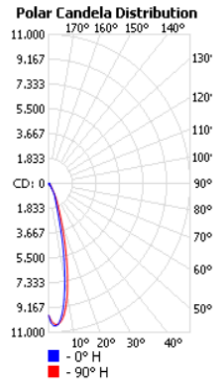
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

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

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

SQ-12-24V-30W · 2 578 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 112.3	82
0-40	2 315.1	90
0-60	2 491.9	97
60-90	83.7	3
0-90	2 575.7	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17.0"	33.7		6.1	6.3
34.0"	8.42		12.1	12.5
51.0"	3.47		18.2	18.8
68.0"	2.10		24.3	25.1
85.0"	1.35		30.4	31.3
102.0"	0.94		36.4	37.6

■ Vert. Spread: 20.3° ■ Hor. Spread: 20.9°

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