

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			
LIGHT SOURCE		LED	DC VOLTAGE (VDC)
			12, 24
 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 Die cast, solid aluminum housing, fully adjustable for maximum spacing both tilt and swivel, fully gas-keted 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 _____

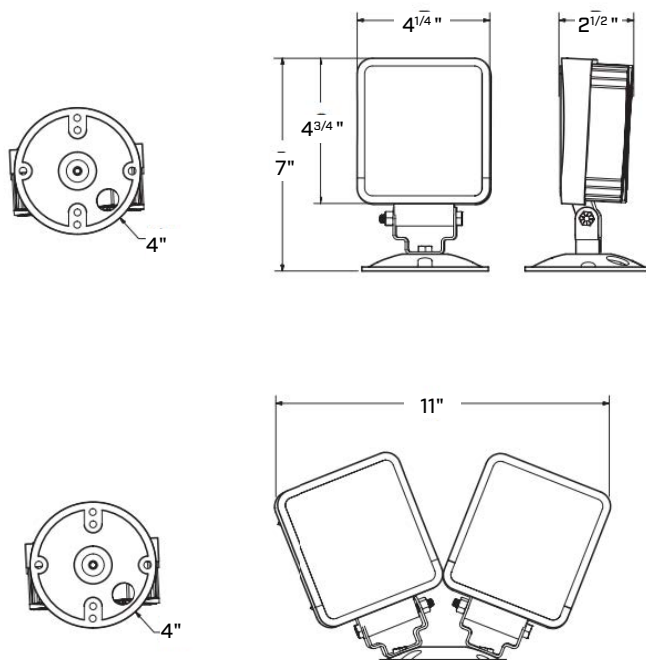
ORDERING GUIDE

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 TP - 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

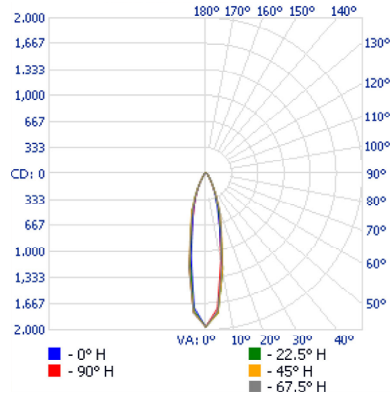
DIMENSIONS



PHOTOMETRIC DATA¹

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

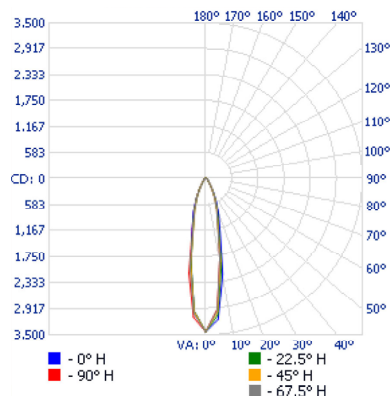
ILLUMINANCE AT A DISTANCE

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

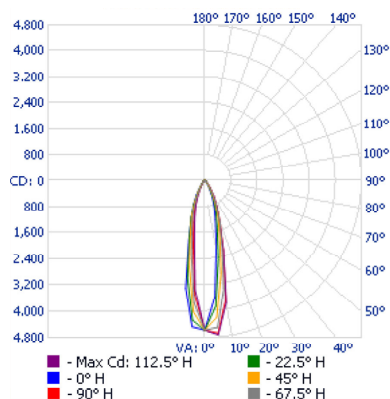
ILLUMINANCE AT A DISTANCE

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

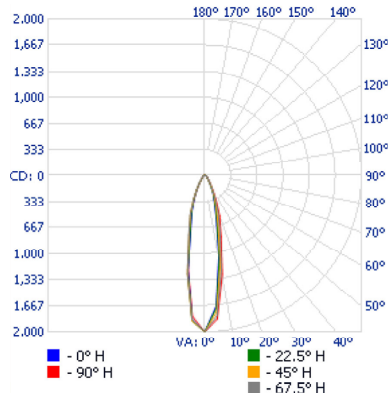
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

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

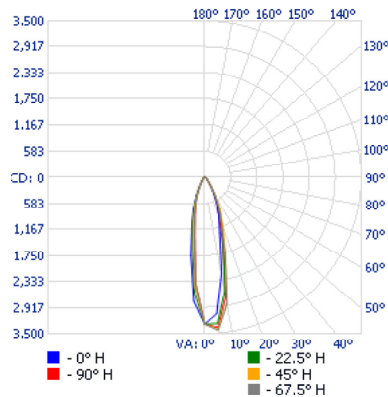
ILLUMINANCE AT A DISTANCE

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

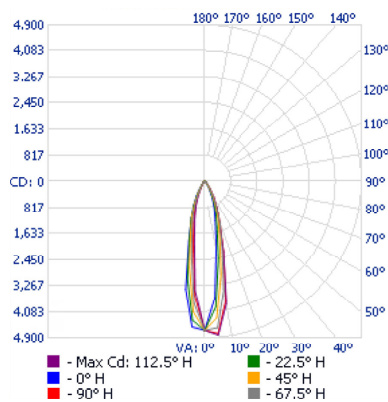
ILLUMINANCE AT A DISTANCE

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

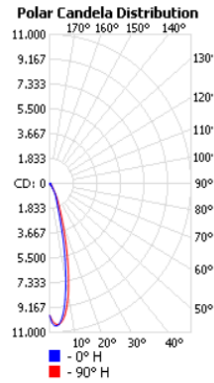
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

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°

¹ Complete IES files available on our website.