

Filename: Rheos(Medium)

Manufacturer: Aquarii, Inc.

Luminaire: Rheos(Medium)

Lamp Output: 1 lamp, rated Lumens/lamp: 8545.1

Max Candela: 35,779.7 at Horizontal: 0°, Vertical: 0°

Input Wattage: 138.5

Luminous Opening: Circular (Dia: 11.04")

Test Date: 2019-03-26

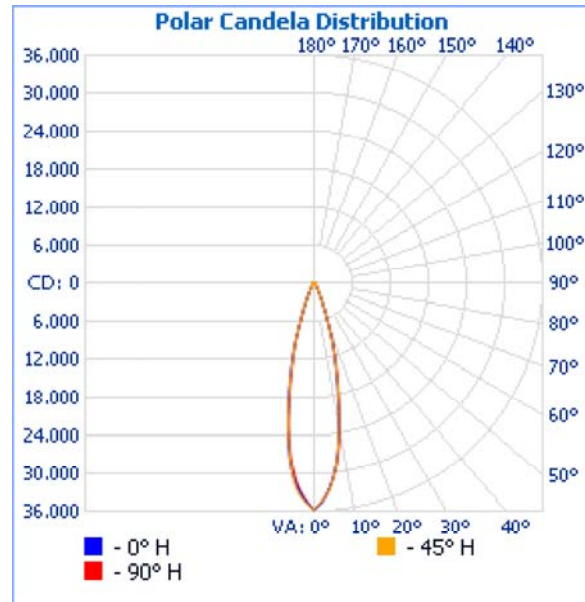
Test Lab: Intertek

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

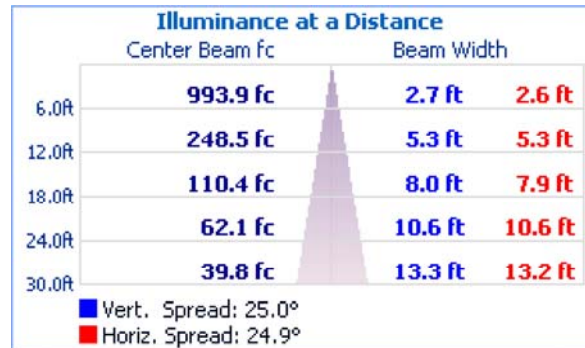
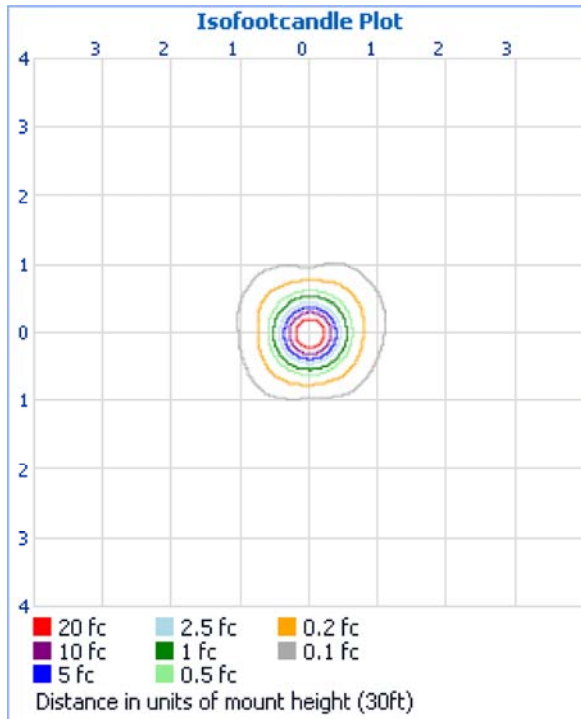
Nema Type: 3 X 3

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	7,601.7	89%	89%
0-40	7,934.0	92.8%	92.8%
0-60	8,340.9	97.6%	97.6%
60-90	204.2	2.4%	2.4%
0-90	8,545.1	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	2,756.0	32.3%
10-20	3,638.6	42.6%
20-30	1,207.0	14.1%
30-40	332.4	3.9%
40-50	225.9	2.6%
50-60	180.9	2.1%
60-70	121.3	1.4%
70-80	65.1	0.8%
80-90	17.7	0.2%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.12	1.10	1.08	1.12	1.10	1.08	.96	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2	1.10	1.06	1.03	1.00	1.08	1.04	1.01	.92	1.01	.99	.97	.98	.96	.94	.96	.94	.93	.91
3	1.06	1.01	.97	.93	1.04	.99	.96	.88	.97	.94	.91	.95	.92	.90	.92	.90	.89	.87
4	1.02	.96	.92	.88	1.01	.95	.91	.85	.93	.90	.87	.91	.88	.86	.90	.87	.85	.84
5	.99	.92	.88	.84	.97	.91	.87	.82	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6	.96	.89	.84	.81	.94	.88	.84	.79	.87	.83	.80	.85	.82	.80	.84	.81	.79	.78
7	.93	.86	.81	.78	.92	.85	.81	.76	.84	.80	.77	.83	.79	.77	.82	.79	.77	.75
8	.90	.83	.78	.75	.89	.82	.78	.74	.81	.77	.75	.80	.77	.74	.80	.76	.74	.73
9	.87	.80	.76	.73	.87	.80	.76	.72	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
10	.85	.78	.73	.71	.84	.77	.73	.70	.77	.73	.70	.76	.73	.70	.75	.72	.70	.69

Luminaire Report Summary

IESNA:LM-63-2002

[TEST]

[TESTDATE] 2019-03-26

[TESTLAB] Intertek

[ISSUEDATE] 2019-03-26

[MANUFAC] Aquarii, Inc.

[LUMINAIRE] Lieto_RGBW(Medium)

[_TOTALLUMINAIRELUMENS] 8545.1

FILE: CANDELA MULTIPLIER: 1

FILE: VERTICAL ANGLES: 91, HORIZONTAL ANGLES: 73

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: STANDARD

FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.