

Filename: Rheos(Wide)

Manufacturer: Aquarii, Inc.

Luminaire: Rheos(Wide)

Lamp Output: 1 lamp, rated Lumens/lamp: 8643.9

Max Candela: 21,170.3 at Horizontal: 0°, Vertical: 0°

Input Wattage: 138.1

Luminous Opening: Circular (Dia: 11.04")

Test Date: 2019-03-27

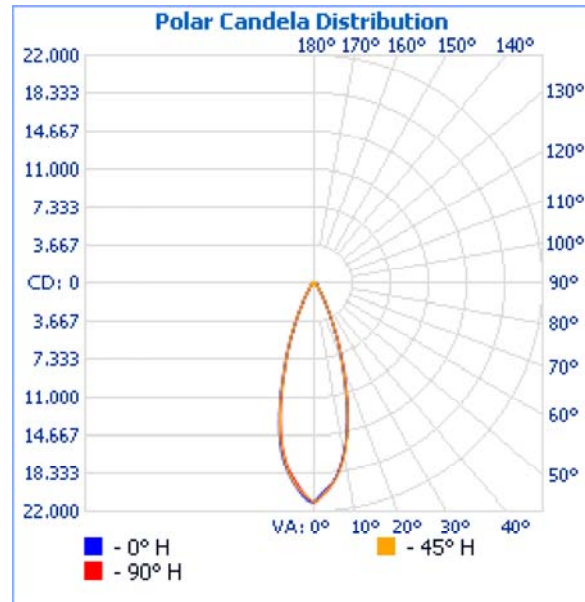
Test Lab: Intertek/Aquarii

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

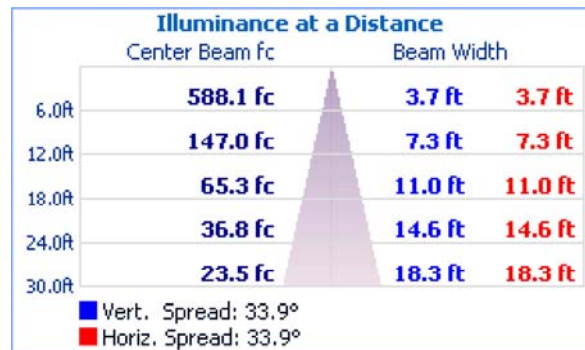
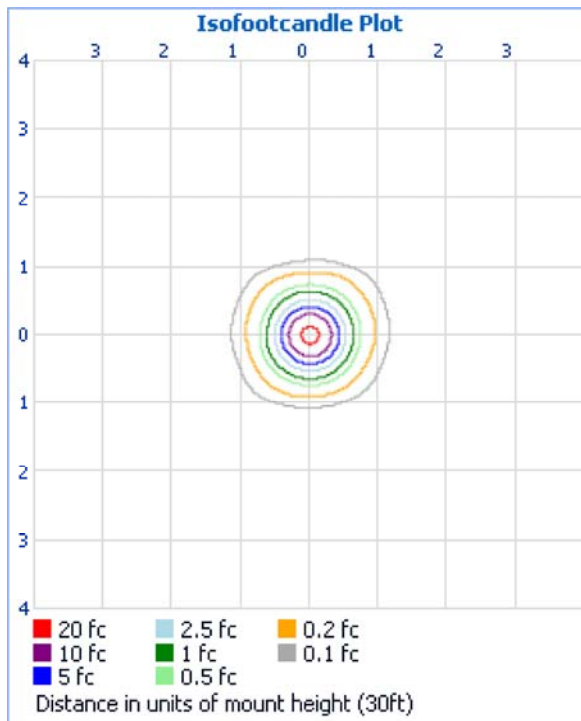
Nema Type: 4 X 4

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	7,194.8	83.2%	83.2%
0-40	7,896.8	91.4%	91.4%
0-60	8,397.9	97.2%	97.2%
60-90	246.1	2.8%	2.8%
0-90	8,643.9	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	1,780.0	20.6%
10-20	3,375.4	39.0%
20-30	2,039.3	23.6%
30-40	702.0	8.1%
40-50	314.0	3.6%
50-60	187.1	2.2%
60-70	135.6	1.6%
70-80	80.3	0.9%
80-90	30.2	0.3%



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	1.11	1.09	1.07	1.11	1.09	1.07	.94	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2	1.09	1.04	1.00	.97	1.07	1.02	.99	.89	.99	.96	.94	.96	.94	.92	.94	.92	.90	.89
3	1.04	.98	.94	.90	1.02	.97	.93	.85	.94	.91	.88	.92	.89	.86	.90	.87	.85	.84
4	1.00	.93	.88	.84	.98	.92	.87	.80	.90	.86	.83	.88	.84	.82	.86	.83	.81	.79
5	.96	.88	.83	.79	.94	.87	.82	.76	.85	.81	.78	.84	.80	.77	.82	.79	.77	.75
6	.92	.84	.79	.75	.90	.83	.78	.73	.82	.77	.74	.80	.77	.74	.79	.76	.73	.72
7	.88	.80	.75	.71	.87	.79	.74	.70	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
8	.85	.77	.71	.68	.84	.76	.71	.67	.75	.71	.67	.74	.70	.67	.73	.70	.67	.66
9	.82	.73	.68	.65	.81	.73	.68	.64	.72	.68	.65	.71	.67	.64	.71	.67	.64	.63
10	.79	.71	.66	.62	.78	.70	.65	.62	.69	.65	.62	.69	.65	.62	.68	.64	.62	.61

Luminaire Report Summary

IESNA:LM-63-2002

[TEST]

[TESTDATE] 2019-03-27

[TESTLAB] Intertek/Aquarii

[ISSUEDATE] 2019-03-27

[MANUFAC] Aquarii, Inc.

[LUMINAIRE] Lieto_RGBW_(Wide)

[_TOTALLUMINAIRELUMENS] 8643.9

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.