

**Filename: AX-150-30-110**

Manufacturer: AQUARII, INC.

Luminaire: AXCELERON

Lamp: 3000K, 110DEG

Lamp Output: 1 lamp, total luminaire Lumens: 8316.2

Max Candela: 4,366.4 at Horizontal: 90°, Vertical: 2.5°

Input Wattage: 156.3

Luminous Opening: Circular (Dia: 9.48")

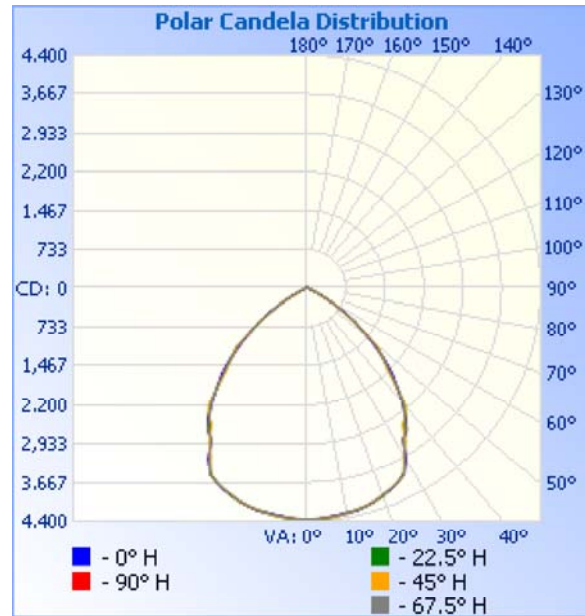
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 6 X 6

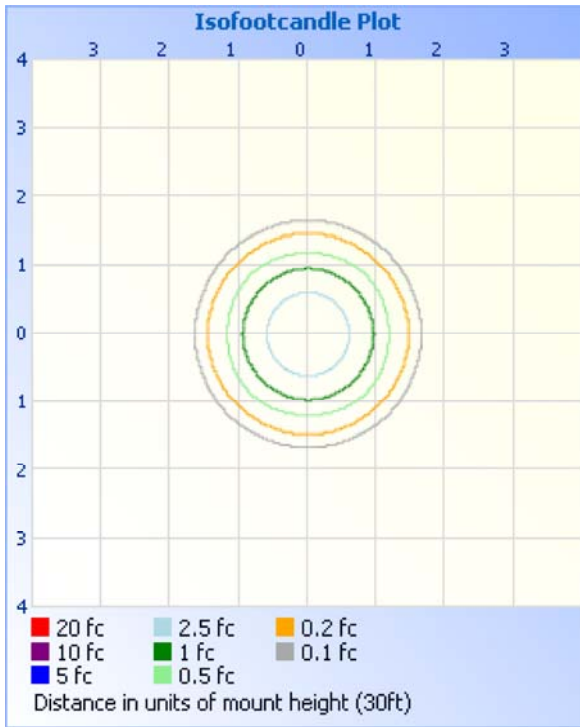
**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	3,463.5	41.6%
0-40	5,477.5	65.9%
0-60	8,128.1	97.7%
60-90	188.2	2.3%
70-100	13.5	0.2%
90-120	0	0%
0-90	8,316.2	100%
90-180	0	0%
0-180	8,316.2	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	413.9	5.0%	90-100	0	0%
10-20	1,202.8	14.5%	100-110	0	0%
20-30	1,846.9	22.2%	110-120	0	0%
30-40	2,014.0	24.2%	120-130	0	0%
40-50	1,700.8	20.5%	130-140	0	0%
50-60	949.7	11.4%	140-150	0	0%
60-70	174.6	2.1%	150-160	0	0%
70-80	13.5	0.2%	160-170	0	0%
80-90	0	0.0%	170-180	0	0%





#### Coefficients Of Utilization - Zonal Cavity Method

		Effective Floor Cavity Reflectance: 20%															
RCC %:		80				70				50				30			
RW %:		70	50	30	0	70	50	30	0	50	30	20	0	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		1.12	1.09	1.06	1.03	1.09	1.06	1.04	.91	1.02	1.00	.98	.98	.97	.95	.95	.94
2		1.04	.98	.93	.89	1.02	.97	.92	.81	.93	.89	.86	.90	.87	.84	.87	.85
3		.97	.89	.83	.78	.95	.88	.82	.73	.85	.80	.76	.82	.78	.74	.80	.76
4		.90	.81	.74	.68	.88	.79	.73	.65	.77	.71	.67	.75	.70	.66	.73	.69
5		.84	.73	.66	.61	.82	.72	.65	.58	.70	.64	.60	.69	.63	.59	.67	.62
6		.78	.67	.59	.54	.77	.66	.59	.52	.65	.58	.53	.63	.57	.53	.61	.57
7		.73	.61	.54	.49	.72	.61	.54	.47	.59	.53	.48	.58	.52	.48	.57	.52
8		.68	.57	.49	.44	.67	.56	.49	.43	.55	.48	.44	.54	.48	.43	.52	.47
9		.64	.52	.45	.40	.63	.52	.45	.39	.51	.44	.40	.50	.44	.40	.49	.43
10		.60	.48	.41	.37	.59	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40

#### Luminaire Report Summary

IESNA:LM-63-2002  
 [LUMCAT]  
 [LUMINAIRE] AXCELERON  
 [LAMP] 3000K, 110DEG  
 [USER DEFINED] 120.03 AC, 1308.6 mA, 156.31 W, 0.9951 PF  
 [TEST]  
 [TESTLAB] INTERTEK  
 [ISSUEDATE] 2018-01-25  
 [MANUFAC] AQUARII, INC.

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
 FILE: CANDELA MULTIPLIER: 1  
 FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 17  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

