

Filename: ZN-50-30-110

Manufacturer: AQUARII, INC.

Luminaire: ZINO

Lamp: 3000K, 110DEG

Lamp Output: 1 lamp, total luminaire Lumens: 2996.1

Max Candela: 1,572.0 at Horizontal: 45° , Vertical: 2.5°

Input Wattage: 51.5

Luminous Opening: Circular (Dia: 6.48")

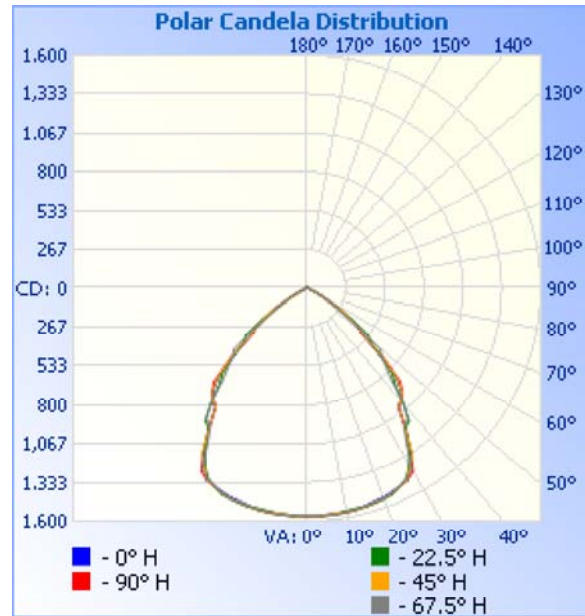
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

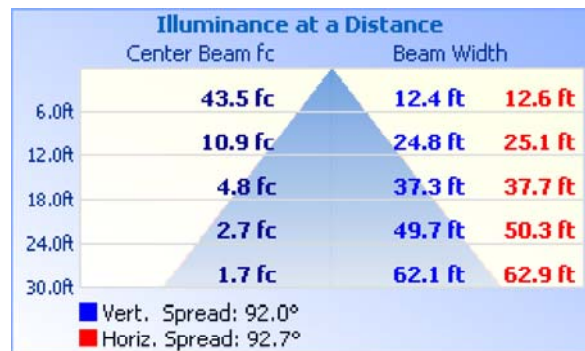
Nema Type: 6 X 6

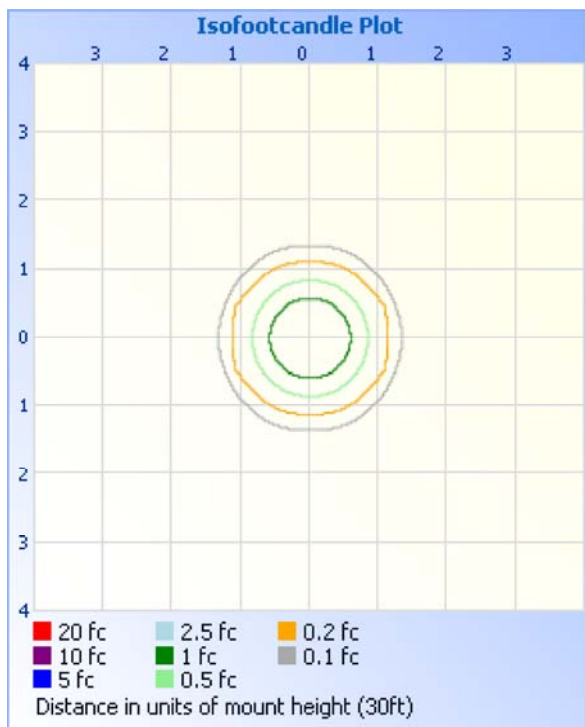
**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	1,277.6	42.6%
0-40	2,021.7	67.5%
0-60	2,948.8	98.4%
60-90	47.3	1.6%
70-100	4.4	0.1%
90-120	0	0%
0-90	2,996.1	100%
90-180	0	0%
0-180	2,996.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	149.1	5.0%	90-100	0	0%
10-20	438.4	14.6%	100-110	0	0%
20-30	690.1	23.0%	110-120	0	0%
30-40	744.2	24.8%	120-130	0	0%
40-50	618.1	20.6%	130-140	0	0%
50-60	309.1	10.3%	140-150	0	0%
60-70	42.9	1.4%	150-160	0	0%
70-80	4.4	0.1%	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	1.10	1.07	1.04	.91	1.02	1.00	.98	.99	.97	.95	.95	.94
2		1.05	.99	.94	.89	1.02	.97	.92	.82	.94	.90	.86	.90	.87	.85	.88	.85
3		.98	.89	.83	.78	.95	.88	.82	.73	.85	.80	.76	.83	.79	.75	.80	.77
4		.91	.81	.74	.69	.89	.80	.74	.66	.78	.72	.68	.76	.71	.67	.74	.69
5		.85	.74	.67	.61	.83	.73	.66	.59	.71	.65	.60	.69	.64	.60	.68	.63
6		.79	.68	.60	.55	.77	.67	.60	.53	.65	.59	.54	.64	.58	.54	.62	.57
7		.74	.62	.55	.49	.72	.61	.54	.48	.60	.54	.49	.59	.53	.49	.57	.52
8		.69	.57	.50	.45	.68	.57	.50	.44	.55	.49	.44	.54	.48	.44	.53	.48
9		.65	.53	.46	.41	.63	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44
10		.61	.49	.42	.37	.60	.49	.42	.37	.48	.41	.37	.47	.41	.37	.46	.41

Luminaire Report Summary

IESNA:LM-63-2002
[LUMCAT]
[LUMINAIRE] ZINO
[LAMP] 3000K, 110DEG
[USER DEFINED] 120.01 AC, 436.67 mA, 51.582 W, 0.9843 PF
[TEST]
[TESTLAB] INTERTEK
[ISSUEDATE] 2018-01-26
[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

