

Filename: ZN-25-30-110

Manufacturer: AQUARII, INC.

Luminaire: ZINO

Lamp: 3000K, 110DEG

Lamp Output: 1 lamp, total luminaire Lumens: 1762.8

Max Candela: 922.2 at Horizontal: 90°, Vertical: 2.5°

Input Wattage: 27.3

Luminous Opening: Circular (Dia: 6.48")

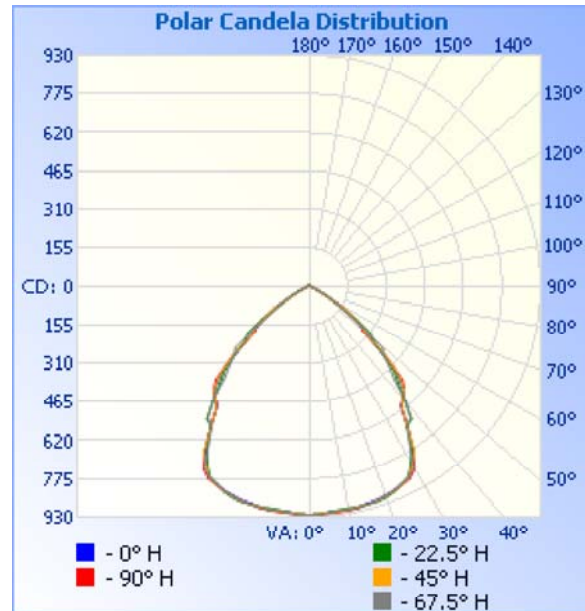
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 6 X 6

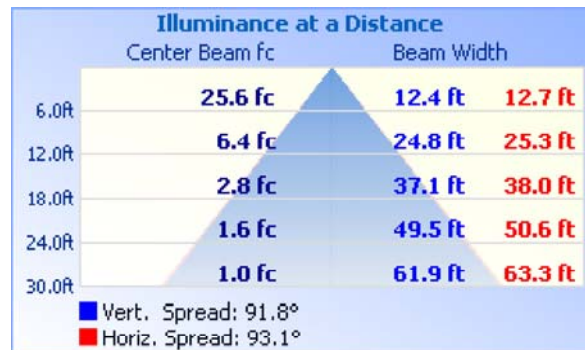
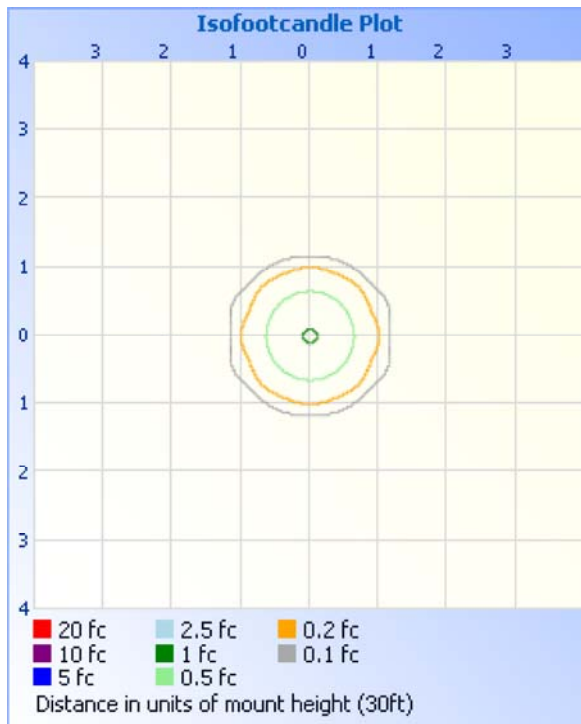


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	749.1	42.5%
0-40	1,186.5	67.3%
0-60	1,734.3	98.4%
60-90	28.5	1.6%
70-100	2.7	0.2%
90-120	0	0%
0-90	1,762.8	100%
90-180	0	0%
0-180	1,762.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	87.3	5.0%	90-100	0	0%
10-20	257.3	14.6%	100-110	0	0%
20-30	404.5	22.9%	110-120	0	0%
30-40	437.4	24.8%	120-130	0	0%
40-50	364.2	20.7%	130-140	0	0%
50-60	183.6	10.4%	140-150	0	0%
60-70	25.8	1.5%	150-160	0	0%
70-80	2.7	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			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	1.12	1.09	1.06	1.03	1.10	1.07	1.04	.91	1.02	1.00	.98	.99	.97	.95	.95	.94	.92	.91
2	1.05	.99	.94	.89	1.02	.97	.92	.82	.93	.90	.86	.90	.87	.84	.88	.85	.83	.81
3	.98	.89	.83	.78	.95	.88	.82	.73	.85	.80	.76	.83	.78	.75	.80	.77	.74	.72
4	.91	.81	.74	.69	.89	.80	.73	.66	.78	.72	.68	.76	.71	.67	.74	.69	.66	.64
5	.84	.74	.67	.61	.83	.73	.66	.59	.71	.65	.60	.69	.64	.60	.67	.63	.59	.57
6	.79	.68	.60	.55	.77	.67	.60	.53	.65	.59	.54	.64	.58	.54	.62	.57	.53	.52
7	.74	.62	.55	.49	.72	.61	.54	.48	.60	.53	.49	.59	.53	.49	.57	.52	.48	.47
8	.69	.57	.50	.45	.67	.56	.49	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9	.65	.53	.46	.41	.63	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.40	.38
10	.61	.49	.42	.37	.60	.48	.42	.37	.48	.41	.37	.47	.41	.37	.46	.41	.37	.35

Luminaire Report Summary

IESNA:LM-63-2002

[LUMCAT]

[LUMINAIRE] ZINO

[LAMP] 3000K, 110DEG

[USER DEFINED] 120.09 AC, 237.59 mA, 27.322 W, 0.9576 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

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