

Filename: **ZN-75-30-110**

Manufacturer: AQUARII, INC.

Luminaire: ZINO

Lamp: 3000K, 110DEG

Lamp Output: 1 lamp, total luminaire Lumens: 3837.3

Max Candela: 2,022.9 at Horizontal: 0°, Vertical: 0°

Input Wattage: 74.8

Luminous Opening: Circular (Dia: 6.48")

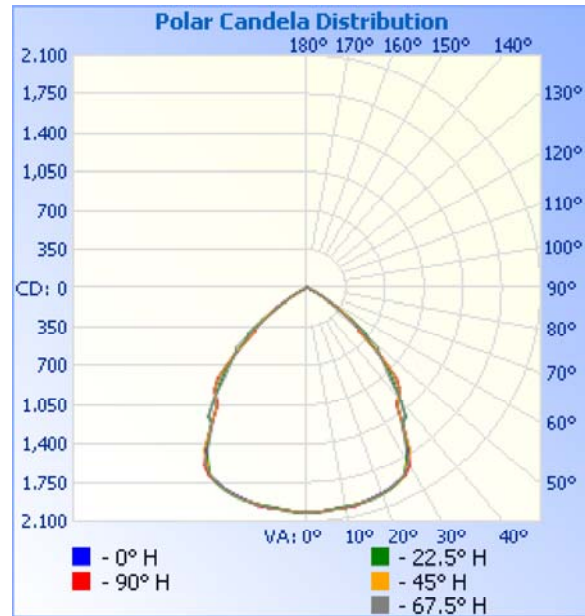
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 6 X 6

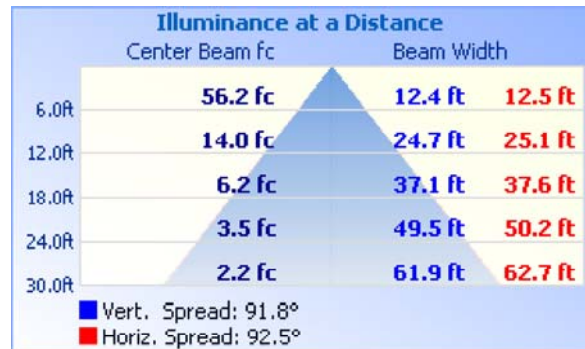


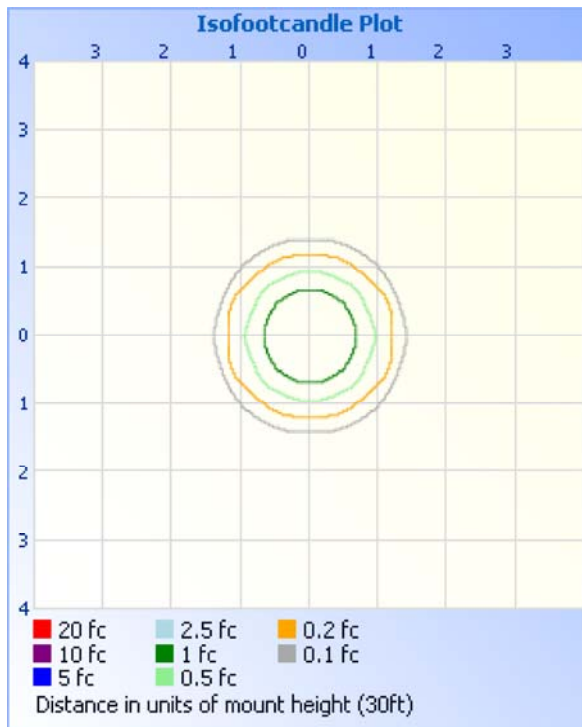
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,641.1	42.8%
0-40	2,594.5	67.6%
0-60	3,777.7	98.4%
60-90	59.6	1.6%
90-180	5.2	0.1%
0-90	3,837.3	100%
90-180	0	0%
0-180	3,837.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	191.6	5.0%	90-100	0	0%
10-20	563.9	14.7%	100-110	0	0%
20-30	885.6	23.1%	110-120	0	0%
30-40	953.4	24.8%	120-130	0	0%
40-50	789.0	20.6%	130-140	0	0%
50-60	394.1	10.3%	140-150	0	0%
60-70	54.4	1.4%	150-160	0	0%
70-80	5.2	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				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	.93	.91			
2		1.05	.99	.94	.89	1.02	.97	.92	.82	.94	.90	.86	.90	.87	.85	.88	.85	.83	.81			
3		.98	.89	.83	.78	.95	.88	.82	.73	.85	.80	.76	.83	.79	.75	.80	.77	.74	.72			
4		.91	.81	.74	.69	.89	.80	.74	.66	.78	.72	.68	.76	.71	.67	.74	.70	.66	.64			
5		.85	.74	.67	.61	.83	.73	.66	.59	.71	.65	.60	.69	.64	.60	.68	.63	.59	.58			
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	.54	.49	.59	.53	.49	.57	.52	.48	.47			
8		.69	.57	.50	.45	.68	.57	.50	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42			
9		.65	.53	.46	.41	.63	.52	.45	.40	.51	.45	.41	.50	.45	.40	.49	.44	.40	.39			
10		.61	.49	.42	.37	.60	.49	.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, 628.67 mA, 74.782 W, 0.9906 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

