

Filename: ZN-50-30-36

Manufacturer: AQUARII, INC.

Luminaire: ZINO

Lamp: 3000K, 36DEG

Lamp Output: 1 lamp, total luminaire Lumens: 4171.3

Max Candela: 8,446.0 at Horizontal: 90° , Vertical: 2.5°

Input Wattage: 52

Luminous Opening: Circular (Dia: 6.48")

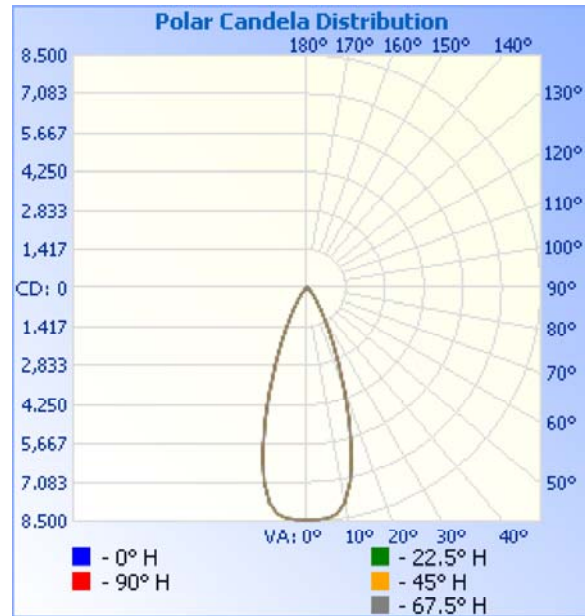
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 4 X 4

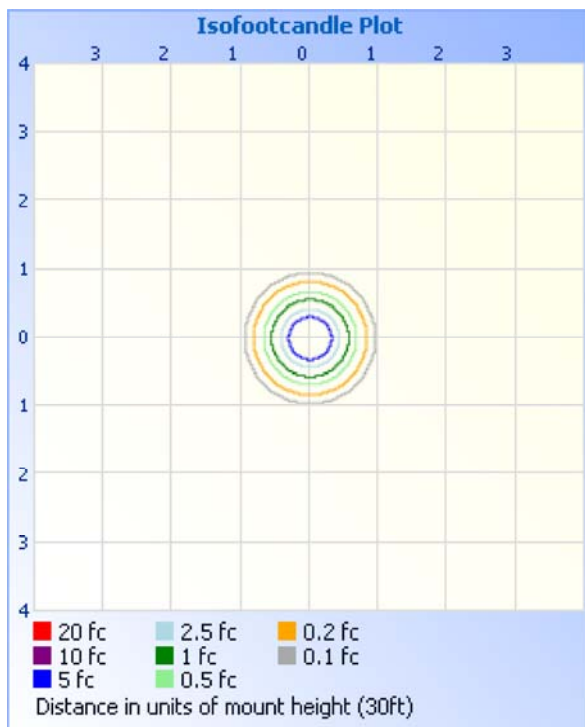
**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	3,520.8	84.4%
0-40	3,962.0	95%
0-60	4,167.7	99.9%
60-90	3.6	0.1%
70-100	0	0%
90-120	0	0%
0-90	4,171.3	100%
90-180	0	0%
0-180	4,171.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	788.5	18.9%	90-100	0	0%
10-20	1,674.2	40.1%	100-110	0	0%
20-30	1,058.1	25.4%	110-120	0	0%
30-40	441.2	10.6%	120-130	0	0%
40-50	157.6	3.8%	130-140	0	0%
50-60	48.1	1.2%	140-150	0	0%
60-70	3.6	0.1%	150-160	0	0%
70-80	0	0.0%	160-170	0	0%
80-90	0	0.0%	170-180	0	0%





Coefficients Of Utilization - Zonal Cavity Method

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	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			1.00											
1		1.14	1.12	1.10	1.08	1.12	1.10	1.08	.95	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95			.95											
2		1.09	1.05	1.02	.99	1.07	1.03	1.00	.91	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90			.90											
3		1.05	.99	.95	.92	1.03	.98	.94	.86	.95	.92	.89	.93	.90	.88	.91	.89	.87	.85			.85											
4		1.01	.94	.89	.86	.99	.93	.88	.82	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81			.81											
5		.96	.89	.84	.80	.95	.88	.84	.78	.87	.83	.79	.85	.82	.79	.84	.81	.78	.77			.77											
6		.93	.85	.80	.76	.91	.84	.79	.74	.83	.78	.75	.81	.78	.75	.80	.77	.74	.73			.73											
7		.89	.81	.76	.72	.88	.80	.75	.71	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70			.70											
8		.86	.77	.72	.69	.84	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.68	.67			.67											
9		.82	.74	.69	.66	.81	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64			.64											
10		.79	.71	.66	.63	.78	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61			.61											

Luminaire Report Summary

IESNA:LM-63-2002
 [LUMCAT]
 [LUMINAIRE] ZINO
 [LAMP] 3000K, 36DEG
 [USER DEFINED] 120.01 AC, 441.3 mA, 52.15 W, 0.9846 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

