



Filename: ZN-75-30-14

Manufacturer: AQUARII, INC.

Luminaire: ZINO

Lamp: 3000K, 14DEG

Lamp Output: 1 lamp, total luminaire Lumens: 5591.8

Max Candela: 71,296.3 at Horizontal: 0°, Vertical: 0°

Input Wattage: 76.2

Luminous Opening: Circular (Dia: 6.48")

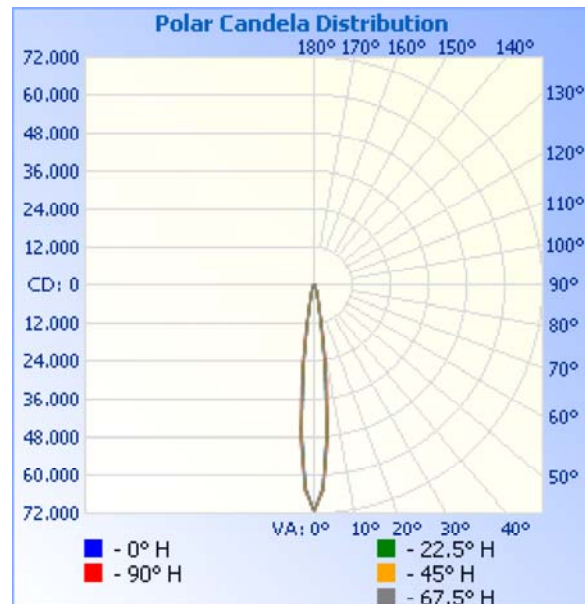
Test Lab: INTERTEK

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 2 X 2

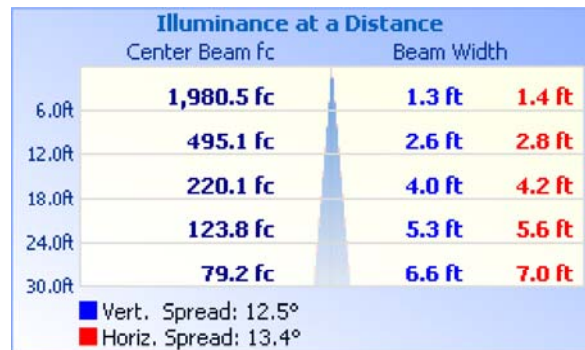
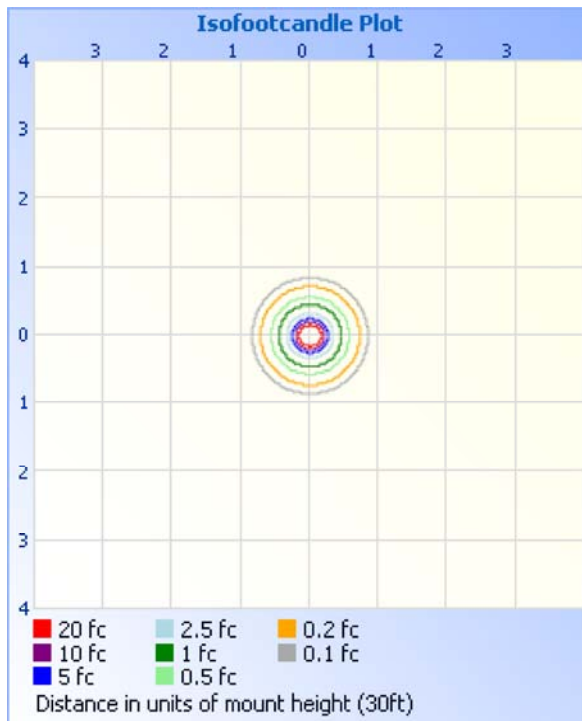


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5,229.5	93.5%
0-40	5,465.3	97.7%
0-60	5,591.8	100%
60-90	0.1	0%
70-100	0	0%
90-120	0	0%
0-90	5,591.8	100%
90-180	0	0%
0-180	5,591.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	3,283.0	58.7%	90-100	0	0%
10-20	1,404.4	25.1%	100-110	0	0%
20-30	542.1	9.7%	110-120	0	0%
30-40	235.8	4.2%	120-130	0	0%
40-50	100.3	1.8%	130-140	0	0%
50-60	26.2	0.5%	140-150	0	0%
60-70	0.1	0.0%	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

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	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	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00
1	1.16	1.14	1.12	1.10	1.13	1.11	1.10	.98	1.08	1.06	1.05	1.04	1.04	1.03	1.02	1.01	1.00	.99	.99	.98	.98
2	1.12	1.09	1.06	1.04	1.10	1.07	1.05	.96	1.04	1.02	1.01	1.01	1.01	1.00	.99	.99	.98	.97	.97	.95	.95
3	1.09	1.05	1.02	.99	1.08	1.04	1.01	.94	1.01	.99	.97	.99	.97	.96	.96	.97	.96	.94	.94	.93	.93
4	1.07	1.02	.98	.96	1.05	1.01	.98	.92	.99	.96	.94	.97	.95	.93	.93	.95	.94	.92	.91	.91	.91
5	1.04	.99	.95	.93	1.03	.98	.95	.90	.97	.94	.92	.95	.93	.91	.91	.94	.92	.90	.89	.89	.89
6	1.02	.96	.93	.90	1.01	.96	.92	.88	.94	.92	.89	.93	.91	.89	.89	.92	.90	.88	.87	.87	.87
7	1.00	.94	.90	.88	.99	.94	.90	.86	.92	.90	.87	.91	.89	.87	.87	.91	.88	.87	.86	.86	.86
8	.98	.92	.88	.86	.97	.92	.88	.85	.91	.88	.86	.90	.87	.85	.85	.89	.87	.85	.84	.84	.84
9	.96	.90	.87	.84	.95	.90	.87	.83	.89	.86	.84	.88	.86	.84	.84	.88	.85	.84	.83	.83	.83
10	.94	.88	.85	.83	.93	.88	.85	.82	.87	.85	.83	.87	.84	.82	.82	.86	.84	.82	.82	.82	.82

Luminaire Report Summary

IESNA:LM-63-2002
[LUMCAT]
[LUMINAIRE] ZINO
[LAMP] 3000K, 14DEG
[USER DEFINED] 120.09 AC, 640.3 mA, 76.19 W, 0.9908 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

Photometrics Pro 1.3.28 copyright 2003-2018 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.