

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 52323B - Zircon

Manufacturer: Kuzco Lighting

Luminaire: Ceiling Mounted

Luminaire Cat: 52323B

Lamp Cat: Satco 60W Frosted x 3

Lamp Output: Total luminaire Lumens: 131.5

Max Candela: 99.3 at Horizontal: 160°, Vertical: 5°

Input Wattage: 171.5

Luminous Opening: Rectangle w/Luminous Sides (L: 19.69", W: 19.69", H: 7.87")

Test: 475_16

Test Date: 23 June 2016

Test Lab: Kuzco Lighting

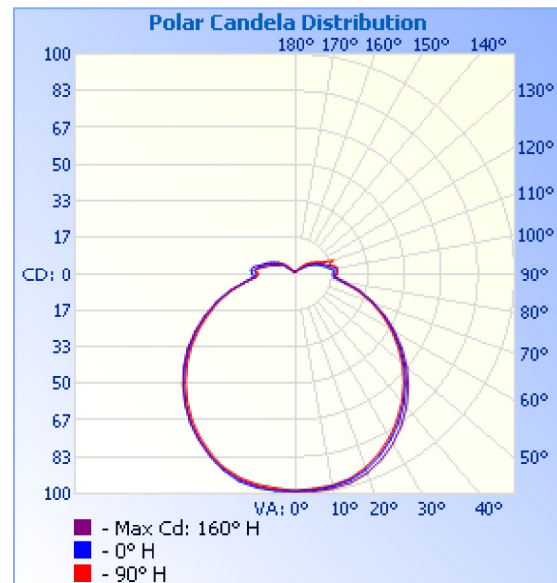
Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

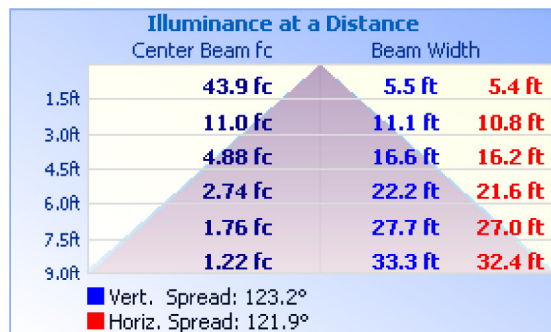
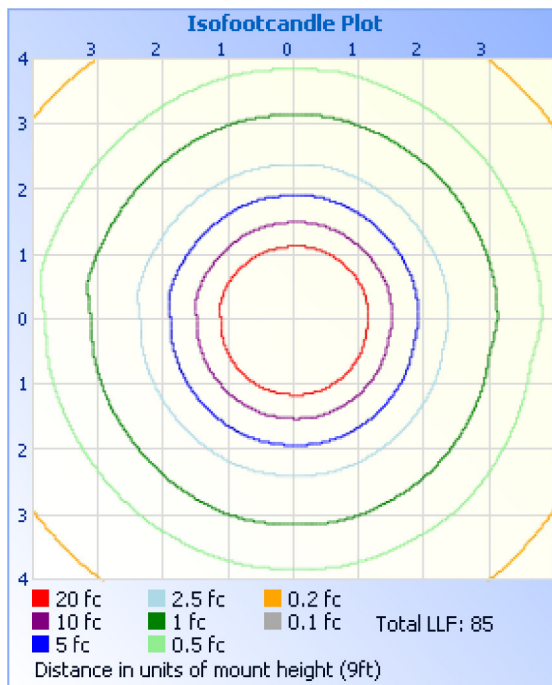
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	79.0	20%
0-40	130.9	33.2%
0-60	238.7	60.5%
60-90	97.1	24.6%
70-100	73.1	18.5%
90-120	46.7	11.8%
0-90	335.8	85.1%
90-180	58.7	14.9%
0-180	394.5	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	9.4	2.4%	90-100	19.9	5%
10-20	27.4	6.9%	100-110	15.8	4%
20-30	42.2	10.7%	110-120	11.0	2.8%
30-40	51.9	13.1%	120-130	6.7	1.7%
40-50	55.3	14.0%	130-140	3.2	0.8%
50-60	52.5	13.3%	140-150	1.2	0.3%
60-70	43.9	11.1%	150-160	0.5	0.1%
70-80	31.8	8.1%	160-170	0.2	0.1%
80-90	21.4	5.4%	170-180	0.1	0%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>
RCR: 0	1.16	1.16	1.16	1.16	1.11	1.11	1.11	.85	1.03	1.03	1.03	.95	.95	.95	.88	.88	.88	.85
1	1.03	.98	.93	.89	.99	.94	.90	.68	.87	.84	.80	.81	.78	.75	.75	.72	.70	.67
2	.93	.84	.77	.71	.89	.81	.74	.56	.75	.70	.65	.70	.65	.61	.65	.61	.58	.55
3	.85	.74	.65	.58	.81	.71	.63	.47	.66	.59	.54	.61	.55	.51	.57	.52	.48	.45
4	.77	.65	.56	.49	.74	.62	.54	.40	.58	.51	.45	.54	.48	.43	.50	.45	.41	.38
5	.71	.58	.48	.42	.68	.56	.47	.34	.52	.44	.39	.48	.42	.37	.45	.40	.35	.33
6	.65	.52	.43	.36	.62	.50	.41	.30	.47	.39	.34	.44	.37	.32	.41	.35	.31	.28
7	.60	.47	.38	.32	.58	.45	.37	.27	.42	.35	.30	.40	.33	.28	.37	.31	.27	.25
8	.56	.42	.34	.28	.54	.41	.33	.24	.39	.31	.26	.36	.30	.25	.34	.28	.24	.22
9	.52	.39	.31	.25	.50	.38	.30	.21	.35	.28	.24	.33	.27	.23	.31	.26	.22	.20
10	.49	.36	.28	.23	.47	.35	.27	.19	.33	.26	.21	.31	.25	.21	.29	.24	.20	.18

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 475_16
[TESTLAB] Kuzco Lighting
[TESTDATE] 23 June 2016
[ISSUEDATE] 2016-06-23 14:10:42
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Kuzco Lighting
[LUMCAT] 52323B
[LUMINAIRE] Ceiling Mounted
[LAMPCAT] Satco 60W Frosted x 3

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 37
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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