

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 52323W - Zircon

Manufacturer: Kuzco Lighting

Luminaire: Ceiling Mounted

Luminaire Cat: 52323W

Lamp Cat: Satco 60W Frosted x 3

Lamp Output: Total luminaire Lumens: 159.1333

Max Candela: 110.9 at Horizontal: 230°, Vertical: 5°

Input Wattage: 171.2

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

Test: 474_16

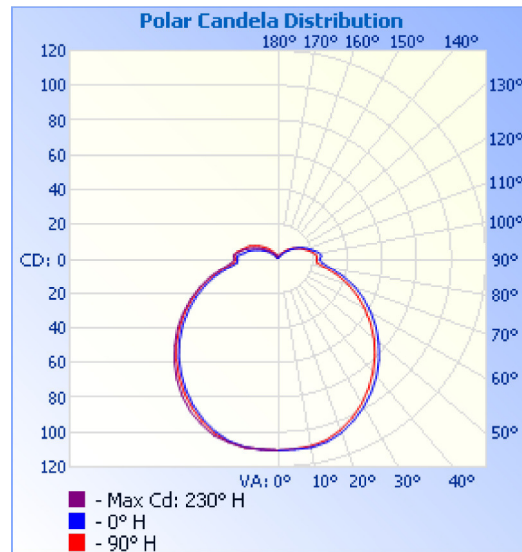
Test Date: 21 June 2016

Test Lab: Kuzco Lighting

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

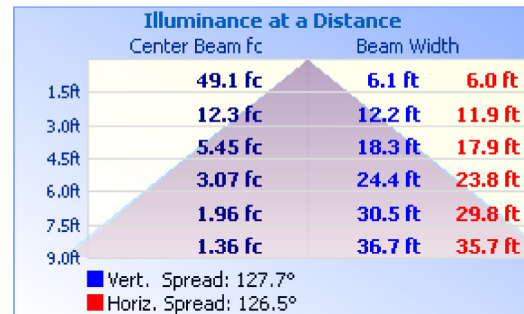
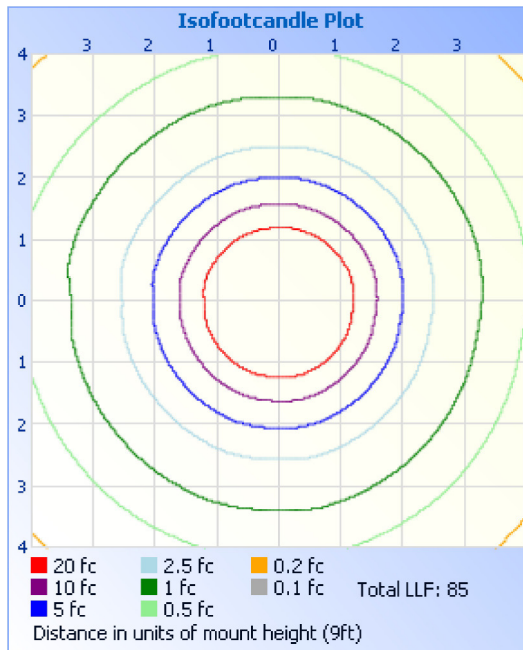


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	89.0	18.6%
0-40	148.0	31%
0-60	273.3	57.2%
60-90	123.1	25.8%
70-100	96.2	20.2%
90-120	62.7	13.1%
0-90	396.4	83%
90-180	81.0	17%
0-180	477.4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	10.5	2.2%	90-100	26.5	5.5%
10-20	30.8	6.5%	100-110	21.3	4.5%
20-30	47.7	10.0%	110-120	14.9	3.1%
30-40	59.0	12.4%	120-130	9.2	1.9%
40-50	63.7	13.3%	130-140	5.0	1%
50-60	61.6	12.9%	140-150	2.4	0.5%
60-70	53.3	11.2%	150-160	1.1	0.2%
70-80	40.6	8.5%	160-170	0.5	0.1%
80-90	29.2	6.1%	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	1.15	1.15	1.15	1.15	1.10	1.10	1.10	.83	1.02	1.02	1.02	.94	.94	.94	.86	.86	.86	.83
1	1.03	.97	.92	.87	.98	.93	.88	.65	.86	.82	.78	.79	.76	.73	.72	.70	.68	.65
2	.92	.83	.76	.69	.88	.80	.73	.53	.74	.68	.63	.68	.63	.59	.62	.59	.55	.52
3	.84	.72	.64	.57	.80	.70	.62	.45	.64	.57	.52	.59	.54	.49	.54	.50	.46	.43
4	.76	.64	.54	.47	.73	.61	.53	.38	.57	.49	.44	.52	.46	.41	.48	.43	.39	.36
5	.70	.57	.47	.40	.67	.54	.46	.33	.50	.43	.37	.47	.40	.35	.43	.38	.33	.31
6	.64	.51	.41	.35	.61	.49	.40	.28	.45	.38	.32	.42	.36	.31	.39	.33	.29	.27
7	.60	.46	.37	.31	.57	.44	.36	.25	.41	.34	.28	.38	.32	.27	.35	.30	.26	.23
8	.55	.42	.33	.27	.53	.40	.32	.22	.37	.30	.25	.35	.29	.24	.32	.27	.23	.21
9	.52	.38	.30	.24	.49	.37	.29	.20	.34	.27	.23	.32	.26	.22	.30	.25	.21	.19
10	.48	.35	.27	.22	.46	.34	.26	.18	.32	.25	.20	.30	.24	.20	.28	.22	.19	.17

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 474_16
[TESTLAB] Kuzco Lighting
[TESTDATE] 21 June 2016
[ISSUEDATE] 2016-06-21 16:31:35
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Kuzco Lighting
[LUMCAT] 52323W
[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.