

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 401214BK-LED - Mina

Manufacturer: Kuzco Lighting

Luminaire: Pendant

Luminaire Cat: 401214BK-LED

Lamp: 120V LED

Lamp Cat: DIS 01-600-930-120-S1

Lamp Output: Total luminaire Lumens: 338.3

Max Candela: 92.0 at Horizontal: 90°, Vertical: 5°

Input Wattage: 9.5

Luminous Opening: Circular (Dia: 2.68")

Test: 069_15

Test Date: 09 September 2015

Test Lab: Kuzco Lighting

Photometry : Type C

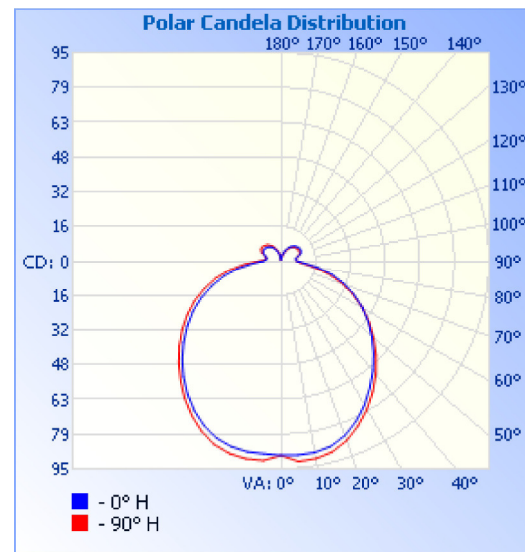
CIE Class: Semi-Direct

Cutoff Class: Semicutoff

Nema Type: 5 X 7

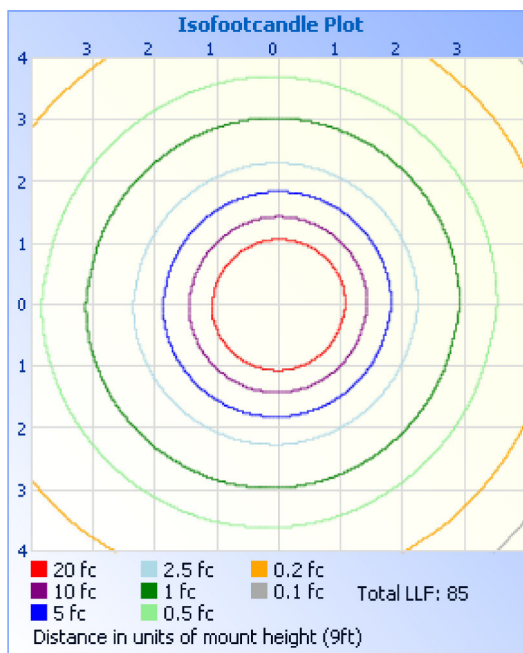
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	71.1	21%
0-40	116.6	34.5%
0-60	209.5	61.9%
60-90	78.8	23.3%
70-100	48.5	14.3%
90-120	25.0	7.4%
0-90	288.3	85.2%
90-180	50.0	14.8%
0-180	338.3	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	8.5	2.5%	90-100	7.8	2.3%
10-20	24.8	7.3%	100-110	7.9	2.3%
20-30	37.8	11.2%	110-120	9.2	2.7%
30-40	45.4	13.4%	120-130	8.8	2.6%
40-50	47.7	14.1%	130-140	7.2	2.1%
50-60	45.2	13.4%	140-150	5.1	1.5%
60-70	38.2	11.3%	150-160	2.8	0.8%
70-80	26.8	7.9%	160-170	1.0	0.3%
80-90	13.8	4.1%	170-180	0.1	0%



Illuminance at a Distance

	Center Beam fc	Beam Width	
1.5ft	39.5 fc	4.9 ft	5.2 ft
3.0ft	9.87 fc	9.7 ft	10.5 ft
4.5ft	4.39 fc	14.6 ft	15.7 ft
6.0ft	2.47 fc	19.5 ft	21.0 ft
7.5ft	1.58 fc	24.4 ft	26.2 ft
9.0ft	1.10 fc	29.2 ft	31.5 ft

■ Vert. Spread: 116.8°
■ Horiz. Spread: 120.4°

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	1.04	.99	.94	.90	1.00	.95	.91	.69	.88	.85	.81	.82	.79	.76	.76	.74	.72	.68
2	.94	.85	.78	.72	.90	.82	.76	.57	.76	.71	.66	.71	.66	.62	.66	.62	.59	.56
3	.85	.74	.66	.59	.82	.72	.64	.48	.67	.60	.55	.62	.56	.52	.57	.53	.49	.46
4	.78	.66	.57	.50	.74	.63	.55	.41	.59	.52	.46	.55	.49	.44	.51	.46	.42	.39
5	.72	.58	.49	.42	.68	.56	.48	.35	.53	.45	.40	.49	.43	.38	.46	.40	.36	.34
6	.66	.52	.43	.37	.63	.51	.42	.31	.47	.40	.35	.44	.38	.33	.41	.36	.32	.29
7	.61	.47	.39	.32	.58	.46	.38	.27	.43	.36	.30	.40	.34	.29	.38	.32	.28	.26
8	.57	.43	.35	.29	.54	.42	.34	.25	.39	.32	.27	.37	.31	.26	.35	.29	.25	.23
9	.53	.39	.31	.26	.51	.38	.31	.22	.36	.29	.24	.34	.28	.23	.32	.27	.23	.21
10	.50	.36	.28	.23	.48	.35	.28	.20	.33	.27	.22	.31	.25	.21	.30	.24	.20	.19

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 069_15
[TESTLAB] Kuzco Lighting
[TESTDATE] 09 September 2015
[ISSUEDATE] 2015-09-09 14:39:12
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Kuzco Lighting
[LUMCAT] 401214BK-LED
[LUMINAIRE] Pendant
[LAMPCAT] DIS 01-600-930-120-S1
[LAMP] 120V LED

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.