

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 401144-LED - Cupo

Manufacturer: Kuzco Lighting

Luminaire: Pendant

Luminaire Cat: 401144-LED

Lamp: 120V LED

Lamp Output: Total luminaire Lumens: 1527.6

Max Candela: 696.6 at Horizontal: 90°, Vertical: 5°

Input Wattage: 46.6

Luminous Opening: Circular (Dia: 26")

Test: 268_16

Test Date: 01 February 2016

Test Lab: Kuzco Lighting

Photometry : Type C

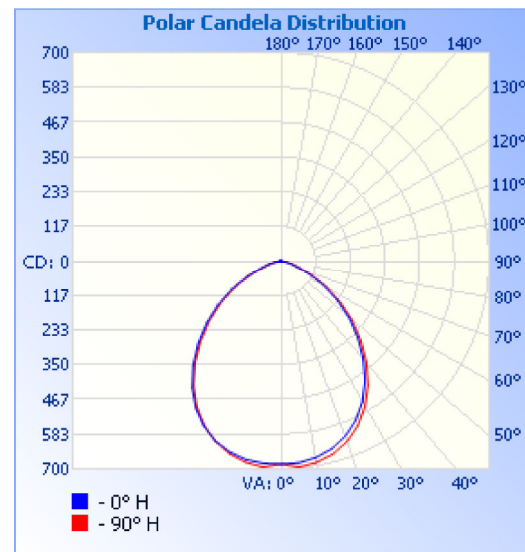
CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 7 X 7

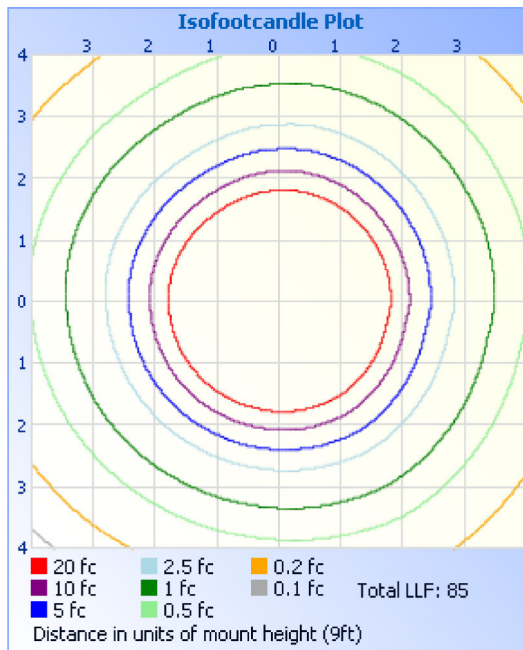
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	527.8	34.5%
0-40	842.0	55.1%
0-60	1,349.0	88.3%
60-90	164.6	10.8%
70-100	50.4	3.3%
90-120	4.5	0.3%
0-90	1,513.5	99.1%
90-180	14.1	0.9%
0-180	1,527.6	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	65.0	4.3%	90-100	1.1	0.1%
10-20	186.1	12.2%	100-110	1.5	0.1%
20-30	276.6	18.1%	110-120	1.9	0.1%
30-40	314.2	20.6%	120-130	2.1	0.1%
40-50	290.2	19.0%	130-140	2.1	0.1%
50-60	216.8	14.2%	140-150	2.0	0.1%
60-70	115.2	7.5%	150-160	1.7	0.1%
70-80	42.0	2.8%	160-170	1.2	0.1%
80-90	7.3	0.5%	170-180	0.4	0%



Illuminance at a Distance

	Center Beam fc	Beam Width	
1.5ft	304 fc	3.2 ft	3.3 ft
3.0ft	75.9 fc	6.5 ft	6.5 ft
4.5ft	33.8 fc	9.7 ft	9.8 ft
6.0ft	19.0 fc	13.0 ft	13.1 ft
7.5ft	12.2 fc	16.2 ft	16.3 ft
9.0ft	8.44 fc	19.5 ft	19.6 ft

■ Vert. Spread: 94.6°
■ Horiz. Spread: 94.8°

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1	1.10	1.06	1.03	1.00	1.08	1.04	1.01	.87	1.00	.97	.95	.96	.94	.92	.92	.90	.89	.87
2	1.02	.95	.89	.84	.99	.93	.87	.76	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3	.94	.84	.77	.72	.91	.83	.76	.66	.80	.74	.70	.77	.72	.68	.74	.70	.67	.65
4	.86	.76	.68	.62	.84	.74	.67	.58	.72	.65	.60	.70	.64	.60	.67	.63	.59	.57
5	.80	.68	.60	.54	.78	.67	.59	.52	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6	.74	.62	.54	.48	.72	.61	.53	.46	.59	.52	.47	.57	.51	.47	.56	.50	.46	.44
7	.69	.56	.48	.43	.67	.56	.48	.41	.54	.47	.42	.53	.46	.42	.51	.46	.41	.40
8	.64	.52	.44	.38	.63	.51	.43	.37	.50	.43	.38	.48	.42	.38	.47	.42	.37	.36
9	.60	.48	.40	.35	.59	.47	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
10	.57	.44	.37	.32	.55	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 268_16
[TESTLAB] Kuzco Lighting
[TESTDATE] 01 February 2016
[ISSUEDATE] 2016-02-01 11:55:23
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Kuzco Lighting
[LUMCAT] 401144-LED
[LUMINAIRE] Pendant
[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.