

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 51562CH - Malta

Manufacturer: Kuzco Lighting

Luminaire: Ceiling Mount

Luminaire Cat: 51562CH

Lamp: 120V 60Wx2

Lamp Cat: A19 Noma 120V

Lamp Output: Total luminaire Lumens: 273.35

Max Candela: 169.2 at Horizontal: 80°, Vertical: 5°

Input Wattage: 121.8

Luminous Opening: Circular (Dia: 15")

Test: 012_15

Test Date: 26 August 2015

Test Lab: Kuzco Lighting

Photometry : Type C

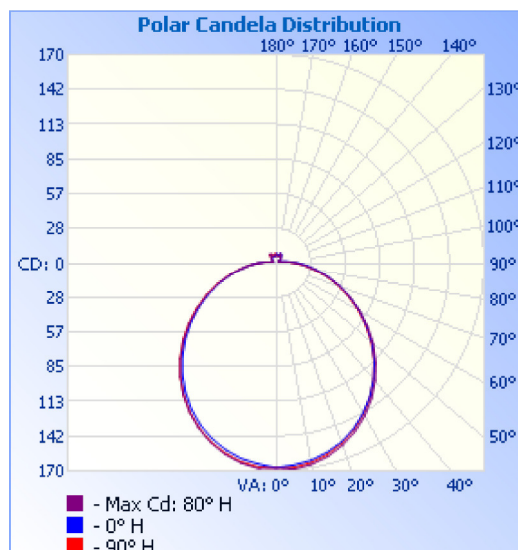
CIE Class: Direct

Cutoff Class: Semicutoff

Nema Type: 7 X 7

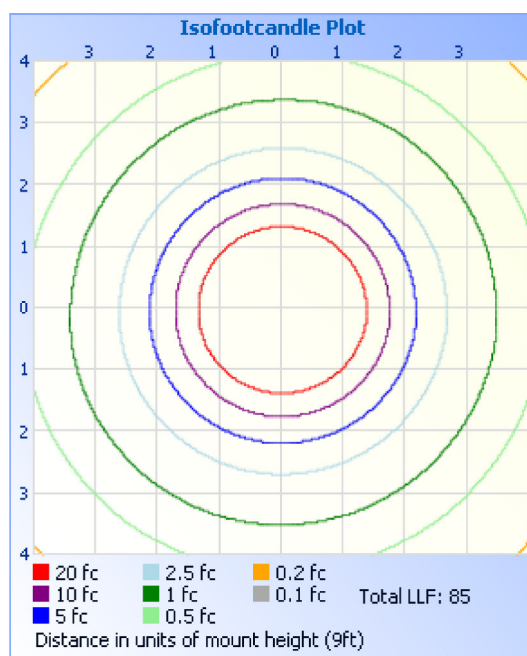
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	129.6	23.7%
0-40	212.3	38.8%
0-60	377.0	69%
60-90	133.1	24.3%
70-100	81.7	15%
90-120	19.4	3.6%
0-90	510.1	93.3%
90-180	36.6	6.7%
0-180	546.7	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	15.8	2.9%	90-100	12.1	2.2%
10-20	45.3	8.3%	100-110	4.8	0.9%
20-30	68.5	12.5%	110-120	2.5	0.5%
30-40	82.6	15.1%	120-130	2.8	0.5%
40-50	86.0	15.7%	130-140	3.9	0.7%
50-60	78.8	14.4%	140-150	4.4	0.8%
60-70	63.4	11.6%	150-160	3.6	0.7%
70-80	44.0	8.1%	160-170	1.8	0.3%
80-90	25.6	4.7%	170-180	0.7	0.1%



Illuminance at a Distance

	Center Beam fc	Beam Width
1.5ft	74.4 fc	4.5 ft 4.6 ft
3.0ft	18.6 fc	9.0 ft 9.1 ft
4.5ft	8.27 fc	13.5 ft 13.7 ft
6.0ft	4.65 fc	18.0 ft 18.3 ft
7.5ft	2.98 fc	22.5 ft 22.9 ft
9.0ft	2.07 fc	26.9 ft 27.4 ft

Vert. Spread: 112.5°
 Horiz. Spread: 113.5°

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	50	30	20	50	30	20	0
RCR: 0	1.17	1.17	1.17	1.17	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1	1.06	1.00	.96	.91	1.02	.98	.93	.76	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2	.96	.87	.80	.73	.92	.84	.78	.63	.80	.74	.69	.75	.71	.67	.71	.68	.64	.62
3	.87	.76	.67	.61	.84	.74	.66	.53	.70	.63	.58	.66	.61	.56	.63	.58	.54	.52
4	.80	.67	.58	.51	.77	.65	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5	.73	.60	.51	.44	.70	.58	.50	.40	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38
6	.67	.54	.45	.38	.65	.52	.44	.35	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33
7	.62	.49	.40	.34	.60	.48	.39	.31	.45	.38	.33	.43	.37	.32	.41	.36	.31	.29
8	.58	.44	.36	.30	.56	.43	.35	.28	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9	.54	.41	.32	.27	.53	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10	.51	.38	.30	.24	.49	.37	.29	.23	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 012_15
[TESTLAB] Kuzco Lighting
[TESTDATE] 26 August 2015
[ISSUEDATE] 2015-08-26 10:32:09
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Kuzco Lighting
[LUMCAT] 51562CH
[LUMINAIRE] Ceiling Mount
[LAMPCAT] A19 Noma 120V
[LAMP] 120V 60Wx2

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

Photometrics Pro 1.3.29 copyright 2003-2020 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.