

Photometrics Pro

Luminaire Photometric Report

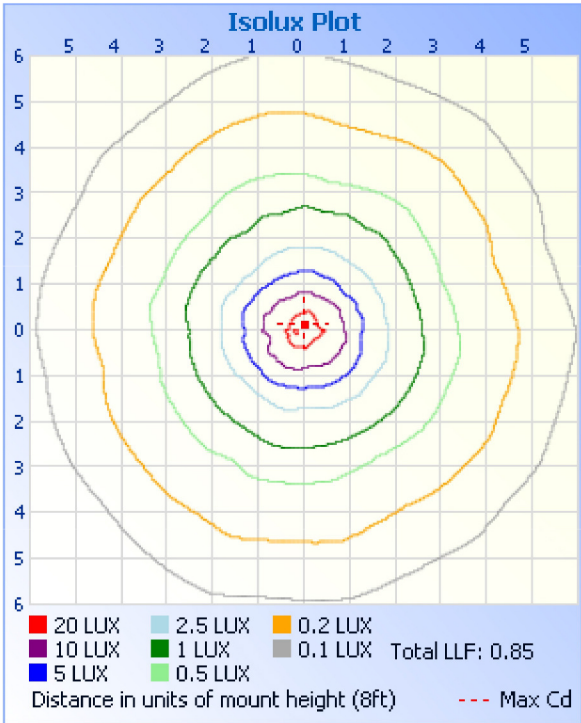
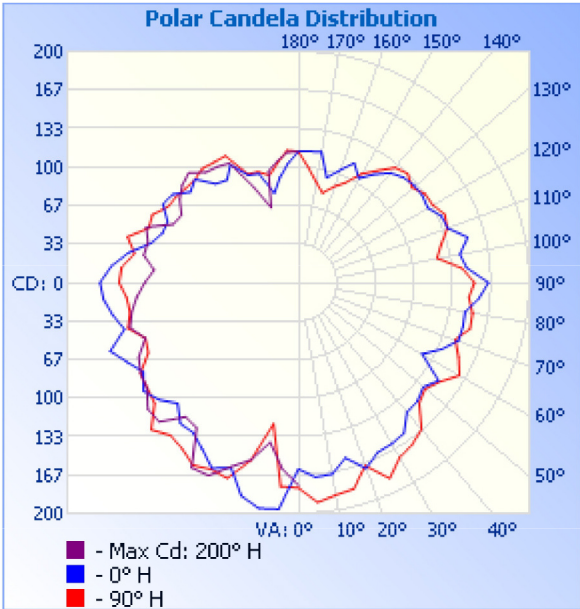
Filename: C48602BN
Manufacturer: Matteo Lighting
Luminaire: Pendant
Luminaire Cat: C48602BN
Lamp: 12V LED
Ballast Desc: Output DC 12V/ 2.6A Max.
Ballast Cat: DR-12V-2600-330
Lamp Output: 92 lamps, rated Lumens/lamp: 19.4
Max Candela: 198.9 at Horizontal: 200°, Vertical: 15°
Input Wattage: 34.5
Luminous Opening: Sphere (Dia X: 21.5", Dia Y: 21.5")
Test: 004_16
Test Date: 11 February 2016
Test Lab: Matteo Lighting
Photometry : Type C
CIE Class: General Diffuse
Cutoff Class: Noncutoff

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	142.6	8%	8%
0-40	244.9	13.7%	13.7%
0-60	503.9	28.2%	28.2%
60-90	468.9	26.3%	26.3%
70-100	474.3	26.6%	26.6%
90-120	439.1	24.6%	24.6%
0-90	972.8	54.5%	54.5%
90-180	812.0	45.5%	45.5%
0-180	1,784.8	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	16.9	0.9%	90-100	155.2	8.7%
10-20	48.5	2.7%	100-110	147.9	8.3%
20-30	77.2	4.3%	110-120	136.0	7.6%
30-40	102.3	5.7%	120-130	118.9	6.7%
40-50	121.8	6.8%	130-140	97.1	5.4%
50-60	137.2	7.7%	140-150	72.9	4.1%
60-70	149.8	8.4%	150-160	47.4	2.7%
70-80	156.9	8.8%	160-170	26.5	1.5%
80-90	162.2	9.1%	170-180	10.0	0.6%



Illuminance at a Distance

	Center Beam LUX	Beam Width
1.3ft	1,029 LUX	
2.7ft	239 LUX	
4.0ft	109 LUX	
5.3ft	61.9 LUX	
6.7ft	38.7 LUX	
8.0ft	27.2 LUX	

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	1.08	1.08	1.08	1.08	1.00	1.00	1.00	.55	.86	.86	.86	.73	.73	.73	.60	.60	.60	.55
1	.94	.88	.83	.78	.87	.81	.77	.38	.69	.65	.62	.57	.54	.52	.46	.44	.42	.37
2	.84	.75	.67	.60	.77	.69	.62	.29	.58	.53	.48	.48	.44	.40	.39	.35	.33	.28
3	.76	.65	.56	.48	.70	.59	.52	.23	.50	.44	.39	.41	.36	.32	.33	.29	.26	.22
4	.69	.56	.47	.40	.63	.52	.44	.19	.44	.37	.32	.36	.31	.27	.29	.25	.22	.18
5	.63	.50	.40	.34	.58	.46	.38	.16	.39	.32	.27	.32	.27	.22	.26	.22	.18	.15
6	.58	.44	.35	.29	.53	.41	.33	.14	.35	.28	.23	.29	.23	.19	.23	.19	.16	.13
7	.53	.40	.31	.25	.49	.37	.29	.12	.31	.25	.20	.26	.21	.17	.21	.17	.14	.11
8	.50	.36	.28	.22	.45	.33	.26	.11	.28	.22	.17	.24	.18	.15	.19	.15	.12	.10
9	.46	.33	.25	.19	.42	.30	.23	.10	.26	.20	.15	.22	.17	.13	.18	.14	.11	.08
10	.43	.30	.22	.17	.40	.28	.21	.09	.24	.18	.14	.20	.15	.12	.16	.12	.10	.08

Candela Table - Type C																																	
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320
0	162	162	163	162	166	167	170	170	169	178	175	175	170	171	165	166	162	163	162	162	163	162	166	167	170	170	169	178	175	175	170	171	171
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Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 004_16
[TESTLAB] Matteo Lighting
[TESTDATE] 11 February 2016
[ISSUE DATE] 2016-02-11 11:32:36
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Matteo Lighting
[LUMCAT] C48602BN
[LUMINAIRE] Pendant
[LAMP] 12V LED
[BALLAST] Output DC 12V/ 2.6A Max.
[BALLASTCAT] DR-12V-2600-330
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.