

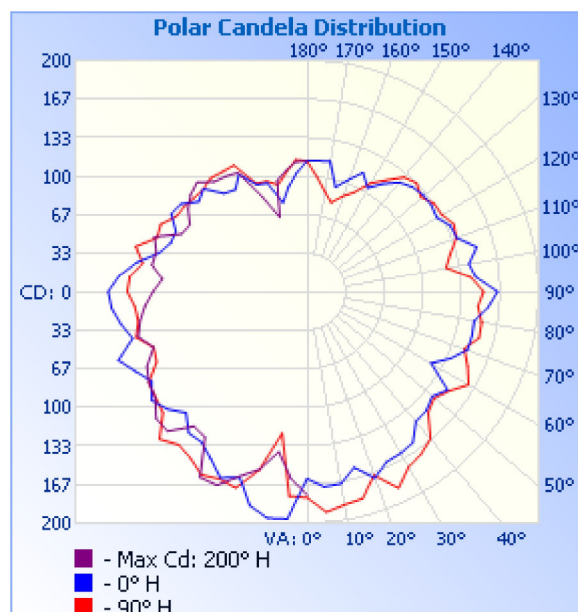
Photometrics Pro

Luminaire Photometric Report

Filename: C48602CH
Manufacturer: Matteo Lighting
Luminaire: Pendant
Luminaire Cat: C48602CH
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

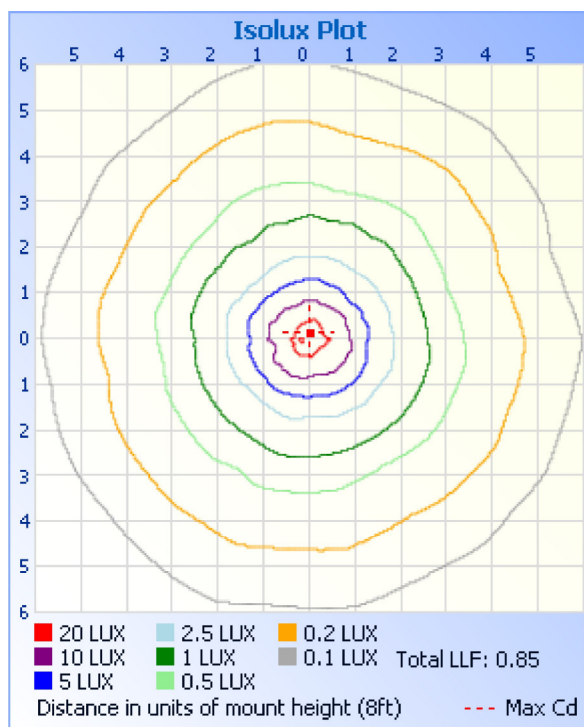
Zonal Lumen Summary

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 %:	<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	1.08	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	3
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	1
5	169	169	175	187	192	190	184	179	188	191	185	185	185	183	178	180	189	194	197	194	189	181	182	188	188	186	189	177	164	162	165	169	1
10	168	172	170	168	173	174	178	169	178	187	183	177	183	190	188	189	185	191	198	189	193	182	184	189	194	190	178	124	124	140	158	155	1
15	157	166	162	160	162	165	165	155	169	185	171	176	175	169	177	178	185	186	191	190	199	180	180	186	191	179	182	159	176	159	175	161	1
20	171	162	163	146	136	140	159	167	167	169	163	126	138	166	156	181	184	173	170	175	171	172	176	173	164	167	166	180	167	170	174	173	1
25	162	167	165	176	151	141	148	153	159	187	184	165	169	176	184	162	179	188	177	169	160	166	159	148	146	156	150	178	169	184	171	182	1
30	161	169	160	160	169	173	160	169	178	175	185	172	182	158	166	179	174	173	167	175	163	167	153	147	135	125	145	183	170	185	170	170	1
35	159	152	161	157	168	171	170	165	167	171	169	166	169	174	166	163	174	159	159	154	159	165	147	149	150	159	148	176	160	154	171	176	1
40	146	124	144	159	165	159	165	164	178	166	162	153	168	171	153	149	140	158	159	160	139	146	164	165	160	174	171	173	125	152	173	168	1
45	145	148	148	147	156	157	166	174	173	148	156	158	160	153	145	127	145	148	148	158	161	135	137	155	163	189	171	180	161	170	182	159	1
50	141	144	148	158	157	169	157	165	144	143	163	143	150	133	132	148	147	149	158	147	147	153	154	170	165	180	167	162	167	170	159	161	1
55	148	139	152	153	156	157	152	157	107	150	143	133	139	151	144	147	144	161	164	160	158	150	145	157	164	181	173	160	169	160	161	143	1
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65	137	135	142	154	146	142	159	161	170	153	145	147	152	161	146	171	159	165	163	158	154	138	153	135	158	174	160	143	147	153	150	139	1
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100	142	134	148	142	139	124	133	128	147	122	137	147	133	132	132	145	135	145	149	146	141	113	132	146	155	151	148	144	142	136	147	143	1
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115	136	134	136	143	129	120	116	132	143	140	144	150	150	138	143	140	148	134	125	111	135	140	143	157	156	141	120	139	130	119	128	139	1
120	129	135	128	129	117	128	134	135	148	134	148	154	142	137	150	142	141	128	136	134	139	140	146	150	147	141	125	131	133	117	125	129	1
125	131	131	121	120	142	123	128	131	131	134	154	148	144	151	143	132	140	144	133	115	124	137	130	135	142	150	142	129	135	126	133	120	1
130	131	126	109	110	120	128	130	126	129	128	139	134	138	141	138	134	144	130	122	121	109	132	135	135	145	141	143	127	138	131	133	125	1
135	129	125	113	109	121	132	133	130	126	134	111	115	131	141	133	138	125	133	127	92	95	119	129	140	128	125	139	127	136	134	137	128	1
140	124	116	122	118	101	107	105	110	111	130	118	123	134	126	142	121	123	119	112	111	119	119	121	120	123	129	125	129	122	125	125	130	1
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150	104	100	108	108	104	102	95	95	95	109	119	115	117	102	111	100	99	113	118	116	112	101	103	96	103	115	107	127	127	119	123	113	1
155	114	115	95	94	104	104	111	104	94	95	106	100	104	107	98	99	91	101	103	92	89	85	89	96	105	106	99	104	107	91	106	97	1
160	103	108	108	109	109	102	115	99	97	88	87	89	84	96	92	95	99	99	100	93	89	102	101	89	94	93	96	102	77	69	85	91	
165	94	96	97	92	100	100	104	101	96	80	76	79	74	79	76	82	87	83	80	90	89	91	88	84	91	89	98	96	102	100	93	95	1
170	115	115	107	103	107	107	114	114	107	88	86	91	92	89	90	80	83	95	92	90	89	88	85	84	84	84	92	105	109	106	110	114	1
175	114	112	113	112	111	113	114	117	110	100	102	108	108	108	105	103	103	101	104	107	108	102	105	111	112	112	108	115	112	113	114	114	1
180	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	1

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] 004_16
[TESTLAB] Matteo Lighting
[TESTDATE] 11 February 2016
[ISSUEDATE] 2016-02-11 11:32:36
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC] Matteo Lighting
[LUMCAT] C48602CH
[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.