

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] 2023082902  
[TESTLAB]  
[TESTDATE] 2023-08-30  
[ISSUEDATE] 2023-08-30 10:17:02  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-2000H\_V1 SYSTEM  
[MANUFAC] BELUCE CANADA INC.  
[LUMINAIRE] ADATTO COMBO RM  
[LAMP] LED  
[OTHER]  
[OTHER] Gamma(deg) Fz(lm) Ft(lm) %Lum %Lamp  
[OTHER] 0- 10 29.86 29.86 21.32 21.32  
[OTHER] 10- 20 53.60 83.46 59.61 59.61  
[OTHER] 20- 30 32.99 116.45 83.17 83.17  
[OTHER] 30- 40 13.52 129.96 92.82 92.82  
[OTHER] 40- 50 5.74 135.71 96.93 96.93  
[OTHER] 50- 60 2.68 138.39 98.84 98.84  
[OTHER] 60- 70 1.07 139.46 99.61 99.61  
[OTHER] 70- 80 0.36 139.82 99.86 99.86  
[OTHER] 80- 90 0.19 140.01 100.00 100.00  
[OTHER] 90-100 0.00 140.01 100.00 100.00  
[OTHER] 100-110 0.00 140.01 100.00 100.00  
[OTHER] 110-120 0.00 140.01 100.00 100.00  
[OTHER] 120-130 0.00 140.01 100.00 100.00  
[OTHER] 130-140 0.00 140.01 100.00 100.00  
[OTHER] 140-150 0.00 140.01 100.00 100.00  
[OTHER] 150-160 0.00 140.01 100.00 100.00  
[OTHER] 160-170 0.00 140.01 100.00 100.00  
[OTHER] 170-180 0.00 140.01 100.00 100.00  
[OTHER]

Note: Candela values converted from Type-B to Type-C

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**CHARACTERISTICS**

Lumens Per Lamp	140.01 (1 lamp)
Total Lamp Lumens	140.01
Luminaire Lumens	141
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	N.A.
Total Luminaire Watts	0
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.58
Spacing Criterion (90-270)	0.54
Spacing Criterion (Diagonal)	0.56
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.03 m (Diameter)
Luminous Width (90-270)	0.03 m (Diameter)
Luminous Height	0.00 m

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18159	17499	7539
55	10034	7446	2318
65	4517	3346	602
75	3005	2240	0
85	5192	4381	0

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**CANDELA TABULATION**

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	346.09	346.41	346.73	347.05	347.36	347.68	347.99	348.32	348.65	349.14
<b>5.0</b>	341.32	341.63	342.00	342.43	342.91	343.30	343.52	343.75	343.99	344.13
<b>7.5</b>	322.35	322.52	322.82	323.27	323.40	323.72	324.21	324.70	325.35	326.33
<b>10.0</b>	294.53	295.68	297.02	298.26	299.50	300.63	301.47	302.23	302.30	302.16
<b>12.5</b>	258.75	259.01	259.54	259.79	260.06	259.94	260.64	259.28	260.10	261.46
<b>15.0</b>	218.22	218.94	219.83	220.93	222.08	223.65	225.56	227.78	230.63	232.26
<b>17.5</b>	178.24	179.45	180.68	181.84	182.82	183.25	183.20	182.60	180.84	179.38
<b>20.0</b>	141.15	141.02	140.91	140.99	141.40	142.23	143.51	144.90	147.53	150.43
<b>22.5</b>	114.68	115.88	116.88	117.85	118.91	120.28	119.78	118.62	116.56	113.60
<b>25.0</b>	91.09	91.62	91.96	92.09	91.88	91.19	89.97	88.39	89.12	90.31
<b>27.5</b>	66.91	67.22	67.60	68.13	68.85	69.78	70.94	72.29	74.63	72.72
<b>30.0</b>	41.80	42.56	43.54	44.57	45.54	46.37	46.96	47.27	47.22	47.14
<b>32.5</b>	36.79	36.87	36.80	36.52	35.99	35.47	35.15	34.99	34.91	34.95
<b>35.0</b>	30.86	31.09	31.27	31.35	31.40	31.45	31.73	30.81	29.71	28.32
<b>37.5</b>	25.08	25.36	25.57	25.58	25.45	25.06	24.49	23.67	23.21	23.29
<b>40.0</b>	19.70	19.70	19.69	19.70	19.75	19.78	19.88	20.00	20.16	19.86
<b>42.5</b>	13.73	13.94	14.18	14.44	14.88	14.92	14.92	14.74	14.42	13.95
<b>45.0</b>	9.08	9.15	9.25	9.38	9.50	9.56	9.58	9.99	10.43	10.86
<b>47.5</b>	7.14	7.17	7.21	7.26	7.31	7.34	7.37	7.40	7.47	7.48
<b>50.0</b>	6.05	6.13	6.18	6.24	6.29	6.31	6.25	6.14	6.00	5.92
<b>52.5</b>	5.10	5.12	5.15	5.19	5.21	5.16	5.17	5.19	5.21	5.24
<b>55.0</b>	4.07	4.09	4.12	4.17	4.21	4.27	4.32	4.28	4.21	4.12
<b>57.5</b>	3.05	3.07	3.10	3.13	3.16	3.17	3.16	3.15	3.15	3.18
<b>60.0</b>	2.04	2.04	2.05	2.09	2.11	2.15	2.20	2.27	2.35	2.42
<b>62.5</b>	1.69	1.69	1.70	1.70	1.71	1.70	1.67	1.65	1.62	1.56
<b>65.0</b>	1.35	1.35	1.35	1.35	1.34	1.33	1.33	1.31	1.31	1.30
<b>67.5</b>	1.00	1.00	1.01	1.01	1.02	1.03	1.05	1.05	1.06	1.06
<b>70.0</b>	0.66	0.66	0.67	0.68	0.69	0.71	0.73	0.75	0.75	0.74
<b>72.5</b>	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.60	0.59
<b>75.0</b>	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.54
<b>77.5</b>	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.49	0.47
<b>80.0</b>	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.43	0.43	0.42
<b>82.5</b>	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.38	0.37
<b>85.0</b>	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.31
<b>87.5</b>	0.27	0.27	0.27	0.27	0.27	0.27	0.26	0.27	0.27	0.26
<b>90.0</b>	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21

**Vert. Angles**      **Horizontal Angles**

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	349.25	349.46	349.70	349.95	350.27	350.54	350.88	351.20	351.49	351.76
<b>5.0</b>	344.27	344.16	344.01	343.82	343.85	343.27	343.08	343.08	343.25	343.62
<b>7.5</b>	327.43	328.74	330.47	332.59	334.71	336.61	335.62	334.29	332.41	330.30
<b>10.0</b>	301.46	300.18	298.49	296.18	293.41	291.03	293.57	296.90	300.95	305.41
<b>12.5</b>	263.50	266.21	269.65	273.70	278.49	282.95	278.31	272.73	266.62	259.74
<b>15.0</b>	231.34	229.63	227.04	223.85	219.63	214.76	220.40	227.42	235.48	244.88
<b>17.5</b>	177.80	180.81	184.62	189.21	194.26	202.31	195.85	187.91	178.97	169.01
<b>20.0</b>	153.93	156.04	152.73	148.34	142.97	136.73	141.24	149.33	157.92	160.90
<b>22.5</b>	109.79	105.24	106.04	111.36	117.12	123.18	120.28	112.18	103.85	104.99
<b>25.0</b>	91.93	93.88	95.97	90.41	84.22	77.09	78.29	85.67	92.88	88.85
<b>27.5</b>	70.33	67.31	63.72	63.42	66.66	69.95	69.41	62.11	54.91	58.53
<b>30.0</b>	48.53	50.91	53.30	55.31	51.24	46.83	43.91	48.03	51.78	47.12

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**CANDELA TABULATION - (Cont.)**

32.5	35.10	34.96	34.31	33.16	34.51	37.64	40.40	35.88	31.36	33.32
35.0	26.67	25.42	25.84	26.24	26.51	25.15	23.46	25.43	28.06	26.22
37.5	23.38	23.72	22.64	20.63	18.55	18.84	19.67	19.17	17.34	18.06
40.0	18.80	17.56	16.18	16.70	17.24	16.70	14.61	13.41	14.42	14.33
42.5	13.89	14.27	14.64	14.30	12.86	11.40	12.16	12.90	11.07	9.90
45.0	11.26	11.05	10.45	9.70	9.96	10.55	9.98	8.65	8.75	9.56
47.5	7.39	7.15	7.61	8.08	8.22	7.45	6.79	7.43	7.47	6.34
50.0	5.93	5.98	5.99	5.69	5.29	5.46	5.94	5.61	4.92	5.44
52.5	5.18	4.92	4.58	4.37	4.45	4.52	4.05	3.70	4.20	4.15
55.0	3.95	3.86	3.90	3.96	3.72	3.27	3.09	3.24	3.02	2.66
57.5	3.24	3.27	3.20	2.95	2.66	2.71	2.80	2.50	2.14	2.30
60.0	2.39	2.32	2.22	2.20	2.27	2.31	2.05	1.79	1.92	1.87
62.5	1.48	1.54	1.63	1.71	1.68	1.55	1.46	1.55	1.53	1.31
65.0	1.29	1.28	1.24	1.15	1.07	1.08	1.16	1.16	1.00	0.98
67.5	1.02	0.99	0.94	0.91	0.91	0.92	0.87	0.73	0.63	0.72
70.0	0.73	0.74	0.75	0.76	0.77	0.72	0.65	0.58	0.57	0.51
72.5	0.57	0.56	0.56	0.55	0.55	0.53	0.52	0.52	0.51	0.41
75.0	0.52	0.50	0.48	0.47	0.45	0.44	0.43	0.43	0.41	0.37
77.5	0.46	0.44	0.43	0.43	0.42	0.41	0.40	0.38	0.36	0.34
80.0	0.42	0.40	0.39	0.39	0.39	0.37	0.35	0.34	0.33	0.32
82.5	0.37	0.35	0.35	0.34	0.33	0.32	0.31	0.30	0.30	0.30
85.0	0.31	0.30	0.30	0.30	0.28	0.28	0.28	0.28	0.27	0.27
87.5	0.27	0.26	0.26	0.25	0.25	0.25	0.25	0.24	0.25	0.24
90.0	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21

**Vert. Horizontal Angles**  
**Angles**

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
2.5	352.15	352.23	352.31	352.37	352.41	352.44	352.45	352.45	352.44	352.42
5.0	344.16	344.77	345.63	346.52	347.60	348.84	350.25	350.72	349.61	348.44
7.5	327.97	325.01	322.45	318.96	320.42	322.96	325.93	328.76	332.99	336.91
10.0	310.61	315.92	315.21	309.19	302.83	296.15	289.10	286.18	292.44	299.43
12.5	251.99	254.98	262.16	270.66	280.97	284.33	265.92	242.17	213.76	194.17
15.0	243.43	224.85	199.69	167.84	165.21	191.61	219.12	227.80	166.33	106.02
17.5	179.24	191.00	203.45	185.16	145.66	107.33	95.08	91.52	81.85	60.45
20.0	149.04	136.81	132.06	145.98	160.19	142.46	103.51	67.56	51.43	36.43
22.5	115.14	125.43	116.21	101.90	97.58	112.82	124.33	86.15	47.37	36.20
25.0	78.99	72.51	83.47	95.56	79.58	62.73	73.83	88.50	60.68	30.40
27.5	66.38	65.08	53.75	50.13	60.82	58.47	43.41	46.30	58.81	35.61
30.0	40.15	42.03	47.85	41.42	31.76	37.93	39.61	27.41	29.05	34.59
32.5	37.18	33.25	27.25	31.19	31.61	22.66	24.02	25.41	15.40	18.25
35.0	22.26	24.45	26.89	21.73	21.38	23.23	15.67	15.53	14.63	8.28
37.5	20.49	18.22	16.07	19.29	17.14	15.17	16.46	10.47	10.49	7.88
40.0	12.56	13.83	14.77	12.02	13.73	13.16	11.21	11.34	6.67	7.28
42.5	10.99	10.36	9.51	11.32	9.56	10.12	9.90	8.48	7.59	5.08
45.0	8.07	7.87	8.61	7.29	8.38	7.51	7.77	7.40	6.60	4.86
47.5	6.66	6.89	5.80	6.74	5.94	6.36	5.77	6.15	5.41	5.20
50.0	5.42	4.70	5.47	4.82	5.09	4.69	4.89	4.26	5.07	3.67
52.5	3.67	4.27	3.88	3.97	3.86	3.73	3.47	3.76	2.73	3.41
55.0	3.13	3.02	2.98	3.19	2.77	2.99	2.65	2.40	2.88	2.17
57.5	2.24	2.11	2.53	2.08	2.50	1.87	2.20	1.96	1.60	1.72
60.0	1.59	1.77	1.68	1.77	1.67	1.74	1.40	1.60	1.52	1.20
62.5	1.37	1.39	1.25	1.44	1.19	1.35	1.21	1.04	1.15	1.24
65.0	1.09	0.96	1.01	1.00	0.99	0.92	1.02	0.80	0.68	0.71
67.5	0.68	0.63	0.76	0.65	0.76	0.61	0.73	0.63	0.46	0.35

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**CANDELA TABULATION - (Cont.)**

<b>70.0</b>	0.37	0.38	0.44	0.40	0.52	0.41	0.45	0.42	0.31	0.23
<b>72.5</b>	0.34	0.32	0.25	0.21	0.28	0.25	0.27	0.27	0.19	0.15
<b>75.0</b>	0.34	0.33	0.26	0.22	0.19	0.14	0.17	0.16	0.11	0.11
<b>77.5</b>	0.34	0.33	0.30	0.26	0.24	0.19	0.16	0.07	0.09	0.09
<b>80.0</b>	0.32	0.31	0.29	0.28	0.28	0.26	0.21	0.17	0.11	0.06
<b>82.5</b>	0.29	0.28	0.27	0.26	0.26	0.25	0.24	0.24	0.21	0.16
<b>85.0</b>	0.26	0.26	0.25	0.25	0.23	0.24	0.24	0.23	0.22	0.22
<b>87.5</b>	0.24	0.24	0.23	0.23	0.23	0.22	0.22	0.22	0.22	0.21
<b>90.0</b>	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21

**Vert. Angles**      **Horizontal Angles**

	<u><b>75.0</b></u>	<u><b>77.5</b></u>	<u><b>80.0</b></u>	<u><b>82.5</b></u>	<u><b>85.0</b></u>	<u><b>87.5</b></u>	<u><b>90.0</b></u>	<u><b>92.5</b></u>	<u><b>95.0</b></u>	<u><b>97.5</b></u>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	352.39	352.36	352.33	352.30	352.27	352.26	352.25	351.67	351.10	350.54
<b>5.0</b>	347.22	345.97	344.36	343.20	342.04	340.88	339.71	339.77	339.83	339.89
<b>7.5</b>	339.89	335.87	331.80	327.73	323.69	319.74	315.92	318.24	320.70	323.23
<b>10.0</b>	307.07	315.30	314.08	304.36	296.24	288.08	279.91	286.14	292.36	298.56
<b>12.5</b>	218.93	243.78	273.68	277.46	264.07	250.98	238.25	248.76	259.61	270.73
<b>15.0</b>	56.70	111.67	166.07	220.60	209.18	202.83	196.47	210.01	223.51	238.90
<b>17.5</b>	44.42	40.97	78.12	114.46	136.11	146.23	157.00	172.95	189.42	189.99
<b>20.0</b>	30.88	28.89	42.16	75.23	102.37	111.39	120.43	137.73	154.99	144.22
<b>22.5</b>	25.68	22.55	20.92	47.17	78.58	83.70	89.56	107.06	122.71	103.68
<b>25.0</b>	22.60	16.82	15.72	26.64	51.64	61.01	65.09	80.66	87.94	71.28
<b>27.5</b>	17.62	12.88	11.19	12.84	33.51	44.01	46.17	60.25	61.49	47.33
<b>30.0</b>	16.89	9.33	7.53	7.70	20.68	30.67	31.40	43.69	41.75	35.08
<b>32.5</b>	16.05	6.15	4.88	5.21	12.08	21.29	21.59	31.63	27.95	27.68
<b>35.0</b>	11.27	5.93	3.32	3.43	6.75	14.51	14.82	22.63	18.59	21.93
<b>37.5</b>	5.63	5.13	2.24	2.20	3.62	10.18	10.34	16.87	12.51	17.51
<b>40.0</b>	3.88	3.60	1.81	1.52	2.20	7.05	7.26	11.64	9.22	12.81
<b>42.5</b>	4.21	2.35	1.63	1.13	1.59	4.65	5.21	8.30	7.52	8.70
<b>45.0</b>	3.81	1.95	1.34	0.84	1.18	3.11	3.77	5.93	6.24	6.14
<b>47.5</b>	2.90	2.27	1.02	0.61	0.89	2.15	2.72	4.45	5.29	4.57
<b>50.0</b>	3.14	2.10	0.81	0.51	0.70	1.46	1.91	3.25	4.61	4.02
<b>52.5</b>	2.74	1.35	0.90	0.38	0.53	1.00	1.32	2.31	3.29	3.56
<b>55.0</b>	1.71	1.47	0.96	0.29	0.37	0.67	0.94	1.56	2.14	2.56
<b>57.5</b>	1.73	1.18	0.62	0.20	0.21	0.46	0.71	1.12	1.37	1.57
<b>60.0</b>	0.94	0.85	0.55	0.22	0.11	0.34	0.51	0.90	1.13	1.26
<b>62.5</b>	0.96	0.76	0.54	0.26	0.03	0.24	0.34	0.75	1.00	1.18
<b>65.0</b>	0.67	0.49	0.31	0.14	0.01	0.17	0.18	0.61	0.70	0.63
<b>67.5</b>	0.24	0.20	0.23	0.16	0.02	0.13	0.05	0.48	0.20	0.56
<b>70.0</b>	0.17	0.14	0.12	0.08	0.04	0.06	0.00	0.17	0.20	0.19
<b>72.5</b>	0.11	0.07	0.01	0.06	0.03	0.02	0.00	0.04	0.07	0.14
<b>75.0</b>	0.11	0.07	0.02	0.03	0.04	0.01	0.00	0.01	0.09	0.05
<b>77.5</b>	0.11	0.08	0.05	0.00	0.03	0.00	0.00	0.01	0.06	0.00
<b>80.0</b>	0.06	0.07	0.06	0.02	0.01	0.01	0.00	0.02	0.02	0.02
<b>82.5</b>	0.10	0.06	0.05	0.04	0.01	0.01	0.00	0.03	0.01	0.04
<b>85.0</b>	0.19	0.15	0.09	0.05	0.03	0.00	0.00	0.01	0.02	0.01
<b>87.5</b>	0.20	0.20	0.17	0.16	0.09	0.03	0.00	0.01	0.01	0.02
<b>90.0</b>	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00

**Vert. Angles**      **Horizontal Angles**

	<u><b>100.0</b></u>	<u><b>102.5</b></u>	<u><b>105.0</b></u>	<u><b>107.5</b></u>	<u><b>110.0</b></u>	<u><b>112.5</b></u>	<u><b>115.0</b></u>	<u><b>117.5</b></u>	<u><b>120.0</b></u>	<u><b>122.5</b></u>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	349.98	349.44	348.89	348.35	347.81	347.26	346.72	346.16	345.61	345.05

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>5.0</b>	339.95	340.46	340.63	340.77	340.87	340.87	339.55	337.33	335.27	333.38
<b>7.5</b>	325.80	328.36	331.16	326.50	321.25	315.75	311.67	307.53	303.89	301.61
<b>10.0</b>	306.39	305.91	296.19	286.95	278.26	270.15	271.26	276.79	282.04	287.02
<b>12.5</b>	272.56	258.99	245.99	232.25	235.27	244.44	253.42	262.18	257.90	248.17
<b>15.0</b>	222.12	205.90	189.32	201.61	214.55	227.43	219.88	206.60	193.43	189.52
<b>17.5</b>	171.60	151.22	164.74	180.10	188.96	173.03	157.60	153.77	165.84	177.78
<b>20.0</b>	124.94	126.14	142.95	150.26	133.13	114.49	127.33	141.30	144.22	131.23
<b>22.5</b>	88.78	104.72	118.76	101.73	86.63	100.87	116.39	104.34	90.79	92.75
<b>25.0</b>	71.95	87.42	78.74	62.98	75.88	86.57	74.09	64.32	74.90	84.37
<b>27.5</b>	57.89	62.52	49.37	54.09	64.32	53.07	48.83	58.46	58.19	48.39
<b>30.0</b>	46.47	39.95	36.32	46.51	39.17	35.62	43.56	40.05	32.96	38.82
<b>32.5</b>	33.09	24.68	30.86	30.04	24.80	31.75	28.17	24.79	30.09	27.62
<b>35.0</b>	21.64	19.53	23.88	17.61	22.01	20.50	18.12	22.95	18.84	17.84
<b>37.5</b>	13.82	16.56	14.78	14.86	15.69	12.95	16.61	13.12	13.86	15.55
<b>40.0</b>	9.84	12.73	9.68	12.46	9.10	11.90	9.64	10.48	10.87	9.31
<b>42.5</b>	8.46	8.21	8.66	7.80	8.41	7.63	7.91	8.00	7.36	8.51
<b>45.0</b>	7.32	5.84	6.87	6.12	6.42	6.11	6.24	5.90	6.37	5.44
<b>47.5</b>	5.45	5.36	4.71	5.61	4.80	5.16	4.77	5.02	4.58	4.90
<b>50.0</b>	3.77	4.45	4.21	3.79	4.47	3.80	4.08	3.81	3.95	3.73
<b>52.5</b>	3.06	2.86	3.44	3.42	2.80	3.34	3.02	3.10	3.14	3.16
<b>55.0</b>	2.81	2.51	2.25	2.41	2.75	2.25	2.35	2.55	2.35	2.62
<b>57.5</b>	1.75	1.99	2.15	1.92	1.63	1.81	1.97	1.67	2.12	1.79
<b>60.0</b>	1.37	1.42	1.30	1.33	1.45	1.49	1.30	1.54	1.47	1.51
<b>62.5</b>	1.23	1.22	1.19	1.22	1.11	1.00	1.11	1.20	1.05	1.23
<b>65.0</b>	0.76	0.78	0.76	0.74	0.67	0.75	0.92	0.81	0.85	0.82
<b>67.5</b>	0.56	0.36	0.31	0.39	0.45	0.57	0.63	0.50	0.62	0.50
<b>70.0</b>	0.27	0.22	0.22	0.25	0.29	0.36	0.36	0.31	0.39	0.27
<b>72.5</b>	0.04	0.11	0.13	0.16	0.17	0.19	0.18	0.14	0.15	0.07
<b>75.0</b>	0.03	0.08	0.11	0.10	0.08	0.08	0.06	0.01	0.05	0.06
<b>77.5</b>	0.05	0.08	0.08	0.06	0.03	0.00	0.01	0.04	0.06	0.07
<b>80.0</b>	0.06	0.05	0.02	0.00	0.01	0.03	0.05	0.07	0.08	0.07
<b>82.5</b>	0.02	0.01	0.01	0.04	0.05	0.05	0.05	0.06	0.06	0.06
<b>85.0</b>	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
<b>87.5</b>	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Angles**      **Horizontal Angles**

	<b><u>125.0</u></b>	<b><u>127.5</u></b>	<b><u>130.0</u></b>	<b><u>132.5</u></b>	<b><u>135.0</u></b>	<b><u>137.5</u></b>	<b><u>140.0</u></b>	<b><u>142.5</u></b>	<b><u>145.0</u></b>	<b><u>147.5</u></b>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	344.48	343.91	343.36	342.47	341.75	341.02	339.66	339.40	338.86	338.27
<b>5.0</b>	331.67	330.01	328.56	327.20	326.03	325.06	324.27	323.40	323.28	322.87
<b>7.5</b>	303.59	304.88	306.48	307.50	308.32	308.94	309.03	308.71	306.45	303.97
<b>10.0</b>	291.69	291.34	285.05	279.08	273.96	269.39	265.66	262.05	264.08	265.60
<b>12.5</b>	239.17	230.82	226.55	232.10	237.15	241.65	245.69	248.79	244.20	239.47
<b>15.0</b>	198.73	207.46	215.55	214.37	206.05	198.62	191.85	186.00	189.62	192.78
<b>17.5</b>	180.20	168.95	158.28	149.04	155.89	162.09	167.60	171.29	165.03	160.19
<b>20.0</b>	118.53	121.41	130.43	139.01	135.56	127.55	119.98	115.23	118.91	122.05
<b>22.5</b>	103.25	109.80	100.29	90.88	88.73	94.05	99.05	99.97	94.09	88.44
<b>25.0</b>	74.80	64.81	68.39	74.91	76.88	69.99	63.00	61.13	65.94	70.05
<b>27.5</b>	49.48	56.31	55.77	48.38	44.48	49.60	54.69	54.71	51.95	49.26
<b>30.0</b>	41.92	35.41	32.90	38.09	41.32	38.13	34.70	36.56	39.48	42.08
<b>32.5</b>	22.62	27.13	30.08	26.65	24.85	28.07	31.09	28.74	26.07	24.72
<b>35.0</b>	21.80	19.56	17.53	20.46	21.67	19.26	17.43	18.40	19.04	18.73
<b>37.5</b>	12.65	14.13	15.69	13.46	12.60	13.68	13.93	13.30	13.11	14.63
<b>40.0</b>	11.27	10.31	9.01	10.02	10.00	9.27	10.21	11.76	12.16	11.77

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

42.5	7.04	7.24	7.48	6.78	7.62	8.95	8.47	7.97	8.98	9.97
45.0	6.02	5.55	5.65	6.55	6.07	6.02	6.96	7.36	6.97	6.72
47.5	4.33	4.94	4.78	4.58	5.26	5.25	4.84	5.23	5.69	5.55
50.0	4.08	3.57	4.02	4.02	3.70	4.10	4.28	3.98	3.79	3.92
52.5	3.07	3.30	2.87	3.21	3.23	2.93	3.10	3.28	3.20	3.11
55.0	2.44	2.46	2.55	2.21	2.49	2.58	2.45	2.51	2.69	2.74
57.5	2.10	1.78	1.90	1.95	1.78	2.02	2.16	2.06	1.99	2.10
60.0	1.44	1.51	1.34	1.55	1.57	1.44	1.58	1.70	1.64	1.57
62.5	1.04	1.15	1.11	1.05	1.21	1.19	1.10	1.13	1.19	1.17
65.0	0.82	0.75	0.86	0.74	0.76	0.83	0.80	0.72	0.70	0.76
67.5	0.57	0.44	0.47	0.50	0.42	0.47	0.54	0.57	0.55	0.54
70.0	0.27	0.21	0.18	0.30	0.34	0.34	0.36	0.39	0.41	0.40
72.5	0.09	0.13	0.13	0.19	0.26	0.25	0.24	0.23	0.23	0.22
75.0	0.08	0.12	0.13	0.14	0.14	0.16	0.15	0.16	0.16	0.16
77.5	0.10	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14
80.0	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.12
82.5	0.06	0.06	0.07	0.07	0.07	0.06	0.07	0.08	0.08	0.08
85.0	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87.5	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.03	0.03	0.03
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
2.5	337.71	337.20	336.72	336.38	335.64	335.09	334.58	334.09	333.63	333.18
5.0	322.44	321.99	321.53	320.92	320.23	319.54	318.89	318.28	317.53	316.73
7.5	301.44	299.29	297.54	296.02	294.66	293.63	292.84	291.96	291.33	290.91
10.0	266.74	267.15	267.27	266.92	266.09	265.14	263.68	262.21	260.54	257.71
12.5	235.53	232.20	229.54	227.46	225.96	223.82	224.87	224.85	224.67	224.16
15.0	195.25	197.15	198.22	197.83	196.73	193.91	191.68	189.75	188.17	187.01
17.5	155.53	151.49	147.18	149.34	150.32	151.52	151.82	151.76	151.40	150.64
20.0	124.64	126.65	124.31	120.81	117.83	115.13	113.52	112.24	111.49	111.16
22.5	83.10	81.53	84.79	87.73	90.26	92.28	93.68	94.33	93.77	93.37
25.0	73.79	72.11	70.55	69.24	68.26	67.40	69.18	70.49	71.45	72.05
27.5	49.17	51.49	53.55	55.36	56.43	55.37	54.51	53.79	53.28	52.96
30.0	40.29	38.24	36.25	34.72	35.06	35.32	35.43	35.28	34.87	34.33
32.5	25.20	25.34	25.20	25.22	25.33	25.49	25.76	26.19	26.90	27.60
35.0	18.42	18.09	18.93	20.14	21.29	22.39	23.28	23.41	23.47	23.55
37.5	16.01	16.74	16.47	16.39	16.29	16.63	17.39	18.08	18.59	18.86
40.0	11.38	12.28	13.08	13.76	14.00	13.94	13.93	13.94	13.99	14.07
42.5	10.17	9.86	9.55	9.48	9.73	9.92	10.09	10.19	10.13	9.93
45.0	7.15	7.47	7.48	7.15	6.76	6.38	6.01	5.99	5.94	5.87
47.5	5.18	4.78	4.77	4.69	4.55	4.45	4.42	4.41	4.38	4.36
50.0	3.91	3.86	3.80	3.75	3.74	3.76	3.78	3.80	3.79	3.76
52.5	3.15	3.24	3.30	3.27	3.23	3.19	3.17	3.15	3.14	3.15
55.0	2.66	2.61	2.61	2.63	2.64	2.65	2.64	2.61	2.58	2.55
57.5	2.18	2.17	2.12	2.07	2.01	1.99	1.99	1.98	1.97	1.95
60.0	1.54	1.56	1.57	1.56	1.50	1.46	1.43	1.40	1.36	1.34
62.5	1.10	1.02	0.98	1.02	1.04	1.06	1.07	1.06	1.06	1.05
65.0	0.79	0.81	0.80	0.80	0.78	0.77	0.78	0.79	0.77	0.77
67.5	0.56	0.57	0.58	0.58	0.56	0.55	0.54	0.52	0.51	0.50
70.0	0.39	0.37	0.35	0.33	0.31	0.29	0.27	0.26	0.24	0.23
72.5	0.21	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19
75.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
77.5	0.14	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	0.11	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11
<b>82.5</b>	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
<b>85.0</b>	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
<b>87.5</b>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>175.0</b>	<b>177.5</b>	<b>180.0</b>	<b>182.5</b>	<b>185.0</b>	<b>187.5</b>	<b>190.0</b>	<b>192.5</b>	<b>195.0</b>	<b>197.5</b>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	332.76	332.36	331.97	331.45	330.95	330.45	329.96	329.47	328.97	328.48
<b>5.0</b>	316.01	315.39	314.90	314.23	313.71	313.34	313.14	313.37	312.95	313.06
<b>7.5</b>	290.12	289.52	289.07	288.35	287.72	287.15	286.35	285.55	284.75	283.67
<b>10.0</b>	256.64	255.25	253.87	252.13	250.39	248.52	249.23	248.76	248.47	248.63
<b>12.5</b>	223.69	222.94	222.44	221.83	221.77	221.50	221.75	222.19	223.00	222.88
<b>15.0</b>	185.93	185.04	184.31	183.41	182.61	181.80	180.73	179.52	177.99	175.99
<b>17.5</b>	149.78	148.90	148.05	147.12	146.42	146.03	145.99	146.17	146.81	147.95
<b>20.0</b>	110.07	111.32	112.24	112.64	112.61	113.84	113.94	113.64	113.18	111.72
<b>22.5</b>	92.99	92.64	92.19	91.51	90.55	89.35	87.83	85.91	85.23	85.04
<b>25.0</b>	72.35	72.51	72.59	72.57	72.47	72.48	72.54	72.67	73.01	73.31
<b>27.5</b>	52.77	52.72	52.81	52.89	52.95	52.92	52.61	51.98	50.98	49.61
<b>30.0</b>	33.09	33.18	33.17	32.91	32.39	33.48	33.92	34.47	35.23	36.19
<b>32.5</b>	27.97	28.20	28.37	28.44	28.51	28.58	28.50	28.17	27.22	25.85
<b>35.0</b>	23.61	23.65	23.70	23.66	23.54	23.24	22.65	21.78	20.65	20.18
<b>37.5</b>	18.98	19.00	19.00	18.94	18.87	18.73	18.60	18.39	18.28	18.05
<b>40.0</b>	14.14	14.14	14.27	14.32	14.47	14.47	14.33	14.00	13.48	12.89
<b>42.5</b>	9.76	9.65	9.60	9.57	9.55	9.53	9.43	9.42	9.57	9.68
<b>45.0</b>	5.79	5.73	5.71	5.73	5.78	5.87	5.99	6.10	6.20	6.33
<b>47.5</b>	4.33	4.31	4.30	4.29	4.29	4.28	4.26	4.24	4.20	4.16
<b>50.0</b>	3.73	3.71	3.70	3.67	3.67	3.67	3.67	3.67	3.69	3.71
<b>52.5</b>	3.13	3.11	3.11	3.11	3.12	3.14	3.14	3.16	3.15	3.15
<b>55.0</b>	2.53	2.52	2.52	2.52	2.52	2.53	2.54	2.55	2.55	2.58
<b>57.5</b>	1.93	1.93	1.93	1.93	1.94	1.96	1.99	2.02	2.06	2.11
<b>60.0</b>	1.31	1.31	1.33	1.33	1.33	1.38	1.41	1.46	1.51	1.56
<b>62.5</b>	1.05	1.05	1.05	1.06	1.06	1.08	1.09	1.11	1.15	1.17
<b>65.0</b>	0.77	0.77	0.77	0.78	0.78	0.79	0.80	0.83	0.85	0.88
<b>67.5</b>	0.49	0.49	0.49	0.50	0.50	0.51	0.52	0.54	0.56	0.57
<b>70.0</b>	0.21	0.21	0.21	0.21	0.21	0.22	0.23	0.25	0.27	0.29
<b>72.5</b>	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.17
<b>75.0</b>	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14
<b>77.5</b>	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13
<b>80.0</b>	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10
<b>82.5</b>	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
<b>85.0</b>	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
<b>87.5</b>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200.0</b>	<b>202.5</b>	<b>205.0</b>	<b>207.5</b>	<b>210.0</b>	<b>212.5</b>	<b>215.0</b>	<b>217.5</b>	<b>220.0</b>	<b>222.5</b>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	327.98	327.47	327.25	326.30	325.68	325.06	324.43	323.81	323.24	325.02
<b>5.0</b>	313.39	313.92	314.53	315.24	316.17	317.33	318.71	319.94	318.11	316.54
<b>7.5</b>	282.50	281.28	279.86	278.25	276.57	274.98	272.68	270.45	273.10	275.91
<b>10.0</b>	248.79	249.42	250.34	251.62	253.50	255.64	258.47	261.58	257.64	253.96
<b>12.5</b>	222.20	220.79	218.87	216.34	213.20	209.38	205.01	200.05	204.64	209.20



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**CANDELA TABULATION - (Cont.)**

15.0	174.20	170.08	173.67	175.92	178.85	182.60	186.66	192.05	184.92	178.46
17.5	149.61	151.72	153.29	150.15	145.88	140.95	135.34	129.19	133.93	140.42
20.0	110.05	107.90	105.29	104.56	107.51	111.53	115.93	120.70	115.87	108.41
22.5	85.24	85.82	86.75	87.96	86.95	83.50	79.74	75.58	78.07	84.01
25.0	71.19	68.49	65.41	62.06	58.43	60.70	63.29	65.75	64.62	60.04
27.5	48.14	48.49	49.81	51.25	52.85	51.76	47.92	44.07	42.81	46.07
30.0	37.27	38.46	37.42	35.83	34.06	32.15	34.92	37.25	38.43	34.32
32.5	24.30	22.66	20.97	23.06	25.03	26.86	26.40	24.56	22.15	24.94
35.0	20.03	19.92	19.95	19.47	17.77	15.98	14.98	17.25	19.23	17.90
37.5	17.41	16.28	15.13	13.92	13.59	13.99	14.25	12.70	10.88	11.14
40.0	12.24	11.95	12.13	12.30	12.51	11.19	9.82	9.28	9.73	9.62
42.5	9.83	9.99	9.77	9.17	8.42	8.10	8.45	8.72	7.50	6.37
45.0	6.42	6.45	6.40	6.61	6.91	7.15	6.59	5.87	5.79	6.15
47.5	4.30	4.52	4.74	4.91	4.90	4.78	4.72	5.02	5.16	4.62
50.0	3.74	3.74	3.68	3.60	3.50	3.76	3.94	3.87	3.67	3.76
52.5	3.13	3.09	3.08	3.13	3.20	3.20	3.07	2.90	3.09	3.23
55.0	2.61	2.65	2.70	2.70	2.64	2.56	2.56	2.65	2.62	2.39
57.5	2.15	2.15	2.13	2.10	2.12	2.17	2.25	2.16	2.00	2.04
60.0	1.58	1.59	1.64	1.69	1.75	1.76	1.70	1.60	1.70	1.76
62.5	1.18	1.20	1.22	1.24	1.24	1.24	1.27	1.34	1.37	1.27
65.0	0.90	0.90	0.90	0.89	0.90	0.93	0.96	0.96	0.92	0.92
67.5	0.58	0.60	0.63	0.65	0.68	0.69	0.68	0.67	0.66	0.69
70.0	0.30	0.33	0.36	0.39	0.41	0.43	0.43	0.47	0.50	0.51
72.5	0.16	0.15	0.16	0.16	0.16	0.20	0.24	0.27	0.30	0.30
75.0	0.13	0.13	0.13	0.14	0.14	0.15	0.14	0.14	0.15	0.15
77.5	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.13
80.0	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.10	0.10	0.10
82.5	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08
85.0	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
87.5	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
2.5	325.65	326.36	327.17	328.07	329.33	329.99	331.06	332.22	333.44	334.74
5.0	314.92	313.23	311.49	309.69	308.54	305.67	303.58	301.46	299.33	297.70
7.5	277.83	280.76	284.13	287.94	292.05	296.53	293.76	289.33	284.76	280.07
10.0	250.43	245.27	240.38	235.24	236.72	242.67	249.27	256.50	264.94	266.80
12.5	214.64	220.81	227.70	224.11	216.18	207.96	199.56	197.74	206.66	217.17
15.0	169.86	161.53	160.78	169.70	179.24	189.30	185.69	174.53	163.29	157.79
17.5	147.28	154.39	144.96	134.56	124.10	126.85	139.78	150.83	147.93	134.60
20.0	100.63	97.55	106.02	114.55	117.13	105.65	94.58	97.62	110.53	120.78
22.5	89.89	88.13	80.00	71.47	77.16	85.93	87.63	76.88	67.30	80.19
25.0	55.29	58.01	64.29	67.81	59.54	51.64	59.20	67.60	60.38	50.93
27.5	49.65	46.51	41.28	41.27	47.44	48.29	40.76	40.53	48.44	45.57
30.0	30.14	32.01	35.63	33.52	28.30	31.18	36.65	31.27	28.45	35.29
32.5	27.51	24.97	20.86	22.77	25.79	22.15	20.76	25.65	23.13	20.47
35.0	15.64	16.84	19.21	17.05	14.63	17.62	17.08	13.82	18.23	16.50
37.5	12.97	12.65	10.96	12.43	13.56	11.00	12.18	12.76	10.09	13.51
40.0	8.01	7.93	9.43	8.83	8.35	10.00	8.58	8.73	9.42	8.01
42.5	6.91	6.97	6.12	6.67	7.27	6.34	7.37	6.84	6.82	7.08
45.0	5.68	5.08	5.53	5.49	5.19	5.96	5.46	5.84	5.68	5.84
47.5	4.43	4.79	4.58	4.45	4.91	4.56	4.95	4.77	5.01	4.84
50.0	4.04	3.77	3.73	4.11	3.79	4.12	4.03	4.20	4.10	4.42

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**CANDELA TABULATION - (Cont.)**

52.5	3.00	3.03	3.35	3.09	3.34	3.35	3.41	3.47	3.55	3.37
55.0	2.40	2.61	2.42	2.59	2.71	2.64	2.91	2.73	2.87	2.99
57.5	2.16	1.91	1.92	2.09	1.95	2.33	2.04	2.47	2.18	2.33
60.0	1.59	1.55	1.69	1.52	1.64	1.65	1.77	1.71	1.96	1.81
62.5	1.23	1.33	1.26	1.24	1.35	1.16	1.39	1.29	1.43	1.59
65.0	0.99	0.99	0.91	1.02	0.99	1.00	0.99	1.03	0.95	1.15
67.5	0.70	0.65	0.70	0.77	0.71	0.82	0.73	0.83	0.66	0.73
70.0	0.46	0.45	0.49	0.49	0.53	0.61	0.55	0.63	0.54	0.50
72.5	0.30	0.33	0.35	0.35	0.38	0.42	0.43	0.48	0.44	0.43
75.0	0.18	0.21	0.22	0.24	0.27	0.31	0.33	0.37	0.38	0.38
77.5	0.13	0.13	0.14	0.14	0.17	0.20	0.23	0.27	0.30	0.36
80.0	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.19	0.23
82.5	0.07	0.08	0.08	0.08	0.09	0.10	0.10	0.12	0.12	0.13
85.0	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09
87.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.03

**Vert. Angles**      **Horizontal Angles**

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
2.5	336.11	337.54	339.02	340.57	342.16	343.80	345.48	347.19	348.93	347.87
5.0	302.42	305.77	309.30	313.01	316.88	320.89	325.02	329.26	333.58	330.52
7.5	275.81	270.34	266.00	273.74	280.63	287.80	295.22	302.86	310.70	304.29
10.0	258.66	250.49	242.33	234.21	236.32	246.40	256.83	267.58	278.62	269.06
12.5	228.28	231.65	221.05	208.59	197.26	201.28	214.80	228.76	243.11	230.41
15.0	172.24	185.16	198.83	183.66	169.39	155.42	171.48	188.16	205.31	190.16
17.5	121.66	131.16	146.82	161.51	142.85	127.50	130.40	148.64	167.35	150.68
20.0	106.47	93.96	101.06	116.35	118.31	103.07	94.94	112.84	131.17	114.49
22.5	92.23	80.73	68.91	79.74	93.66	82.73	69.19	83.27	99.58	84.48
25.0	59.49	69.63	58.92	52.68	64.93	65.92	53.72	60.30	74.36	61.14
27.5	37.55	45.31	49.28	39.97	43.98	52.19	41.84	43.32	54.78	43.93
30.0	32.85	27.36	35.49	33.08	28.43	37.36	32.24	30.61	40.33	31.13
32.5	26.35	22.56	22.19	27.14	20.95	25.26	24.97	22.00	29.29	22.43
35.0	15.60	19.52	14.90	18.64	17.29	17.21	19.53	15.78	21.69	16.14
37.5	11.53	12.52	12.94	11.89	14.20	11.58	15.35	11.20	16.19	11.75
40.0	10.37	8.12	10.44	8.51	10.79	8.81	11.38	8.90	12.03	9.05
42.5	6.89	7.54	7.20	7.71	7.76	7.73	8.49	7.61	9.40	7.88
45.0	5.82	6.20	5.97	6.77	6.11	6.89	6.83	6.66	7.79	6.88
47.5	5.24	4.84	5.63	5.36	5.52	6.19	5.65	5.85	6.74	6.05
50.0	4.03	4.66	4.47	4.42	5.12	5.03	4.53	5.11	5.81	5.28
52.5	3.92	3.53	3.61	4.17	4.12	3.87	3.95	4.41	4.94	4.56
55.0	2.67	3.05	3.29	3.09	2.92	3.26	3.50	3.76	4.10	3.89
57.5	2.57	2.40	2.27	2.48	2.73	2.98	3.11	3.22	3.39	3.32
60.0	1.91	2.11	2.22	2.19	2.25	2.39	2.52	2.61	2.85	2.70
62.5	1.52	1.48	1.56	1.61	1.64	1.67	1.90	2.04	2.39	2.11
65.0	1.29	1.30	1.34	1.36	1.47	1.59	1.50	1.49	1.95	1.54
67.5	0.89	1.04	1.13	1.11	0.98	0.99	1.38	0.97	1.54	1.00
70.0	0.58	0.70	0.76	0.78	0.76	0.86	0.86	0.89	1.14	0.93
72.5	0.45	0.48	0.56	0.60	0.70	0.61	0.74	0.83	0.93	0.87
75.0	0.41	0.40	0.41	0.46	0.56	0.52	0.49	0.65	0.78	0.67
77.5	0.34	0.33	0.33	0.35	0.38	0.48	0.41	0.55	0.65	0.58
80.0	0.27	0.32	0.32	0.29	0.29	0.38	0.36	0.36	0.52	0.38
82.5	0.16	0.20	0.25	0.28	0.26	0.23	0.30	0.24	0.43	0.24
85.0	0.11	0.12	0.13	0.17	0.22	0.25	0.19	0.24	0.34	0.25
87.5	0.07	0.08	0.09	0.10	0.11	0.12	0.19	0.18	0.27	0.21

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES

CANDELA TABULATION - (Cont.)

	90.0	0.04	0.04	0.05	0.07	0.08	0.10	0.08	0.03	0.21	0.36
Vert. Angles	Horizontal Angles										
	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>	
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	
2.5	346.84	345.84	344.88	343.96	343.08	342.25	341.46	340.73	340.05	339.44	
5.0	327.54	324.67	321.92	319.31	316.85	314.57	312.49	310.60	311.95	315.38	
7.5	298.08	292.11	286.40	280.98	275.90	281.44	289.46	296.13	303.23	310.15	
10.0	259.80	250.86	242.28	242.20	253.04	264.00	275.06	286.19	285.68	277.36	
12.5	218.11	206.24	204.10	217.73	232.59	245.61	243.69	233.36	223.55	215.29	
15.0	175.47	161.32	177.41	193.75	210.39	198.70	187.11	173.89	181.01	194.06	
17.5	134.49	133.95	151.93	171.43	159.53	144.90	136.80	151.76	167.03	171.04	
20.0	98.27	109.43	128.02	127.31	111.84	105.69	121.01	137.31	127.14	113.20	
22.5	70.75	88.31	101.96	87.26	76.12	90.91	106.50	91.64	78.43	89.15	
25.0	55.78	70.22	69.95	57.13	65.08	77.99	66.94	57.44	69.11	78.23	
27.5	43.48	55.39	47.00	43.26	54.33	50.28	41.27	51.43	55.08	46.18	
30.0	33.55	39.45	30.53	35.96	38.97	30.44	36.82	39.83	32.20	35.75	
32.5	26.10	26.83	22.68	29.69	24.72	25.38	29.62	23.37	26.57	29.64	
35.0	20.48	18.41	18.92	20.70	16.96	22.14	18.03	19.22	21.26	16.85	
37.5	16.20	12.60	15.72	13.53	14.92	14.60	13.68	16.00	12.53	15.55	
40.0	12.12	9.70	12.14	9.91	12.22	9.69	12.56	9.89	11.79	11.02	
42.5	9.09	8.55	8.80	8.98	8.47	9.08	8.41	8.96	8.66	8.73	
45.0	7.29	7.62	6.87	7.87	6.98	7.45	7.12	7.27	7.12	7.39	
47.5	6.00	6.82	6.19	6.11	6.60	5.72	6.42	5.89	6.16	5.87	
50.0	4.82	5.47	5.72	4.99	5.16	5.56	4.76	5.32	4.92	5.09	
52.5	4.19	4.19	4.57	4.72	4.15	4.12	4.65	3.98	4.21	4.12	
55.0	3.72	3.55	3.27	3.51	3.81	3.57	3.12	3.53	3.39	3.26	
57.5	3.32	3.26	3.06	2.85	2.64	2.81	3.04	2.79	2.63	2.95	
60.0	2.69	2.62	2.54	2.53	2.60	2.49	2.28	2.19	2.39	2.12	
62.5	2.03	1.83	1.87	1.87	1.85	1.77	1.83	1.96	1.78	1.65	
65.0	1.60	1.77	1.70	1.58	1.58	1.57	1.57	1.44	1.19	1.35	
67.5	1.48	1.10	1.12	1.30	1.37	1.28	1.13	0.95	0.90	1.14	
70.0	0.92	0.96	0.88	0.92	0.93	0.89	0.76	0.70	0.77	0.91	
72.5	0.81	0.70	0.80	0.73	0.71	0.65	0.64	0.63	0.68	0.74	
75.0	0.53	0.58	0.67	0.59	0.56	0.58	0.60	0.61	0.61	0.64	
77.5	0.44	0.54	0.46	0.49	0.49	0.53	0.56	0.59	0.54	0.54	
80.0	0.39	0.45	0.39	0.43	0.51	0.53	0.49	0.47	0.45	0.43	
82.5	0.34	0.31	0.39	0.45	0.45	0.40	0.39	0.37	0.38	0.37	
85.0	0.23	0.38	0.40	0.36	0.34	0.33	0.34	0.33	0.33	0.32	
87.5	0.35	0.34	0.33	0.33	0.31	0.31	0.30	0.29	0.29	0.28	
90.0	0.34	0.34	0.33	0.32	0.30	0.29	0.28	0.26	0.25	0.25	

Vert. Angles	Horizontal Angles										
	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>	
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	
2.5	338.88	338.39	338.28	337.57	337.18	336.87	336.61	336.43	336.32	336.27	
5.0	318.75	322.04	326.06	328.26	331.03	333.67	336.19	338.58	340.83	343.15	
7.5	316.86	322.53	317.38	313.67	310.30	307.49	305.27	304.31	302.28	301.36	
10.0	270.37	264.02	258.34	257.82	265.11	272.10	279.41	284.80	290.38	296.19	
12.5	218.61	229.13	239.58	249.85	255.34	248.79	242.80	237.48	232.97	229.15	
15.0	207.12	212.23	202.80	194.02	185.89	187.26	196.03	205.32	212.46	220.62	
17.5	160.33	147.71	145.81	157.34	168.59	179.25	170.46	162.87	155.85	150.61	
20.0	110.78	124.07	137.48	134.28	124.40	114.79	118.44	127.31	135.77	141.17	
22.5	102.64	100.78	90.17	83.35	93.89	103.76	105.77	98.86	92.04	89.42	

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**CANDELA TABULATION - (Cont.)**

25.0	68.26	58.80	68.96	79.20	75.21	67.66	64.41	70.61	76.62	78.21
27.5	46.64	55.68	54.96	47.76	47.74	53.94	57.95	54.03	50.09	51.88
30.0	42.21	36.16	33.07	39.01	41.52	37.48	35.39	40.36	45.48	44.41
32.5	24.31	26.15	30.99	27.16	25.14	29.77	32.68	29.84	26.76	29.62
35.0	20.43	21.26	17.93	20.81	23.42	20.74	19.48	22.10	23.67	21.52
37.5	14.98	13.65	16.83	15.61	14.06	16.13	16.60	14.55	14.29	16.37
40.0	10.90	12.56	10.67	11.52	12.50	10.79	11.01	12.77	12.85	12.23
42.5	9.41	8.19	9.51	8.81	8.30	9.67	9.44	8.78	10.08	11.52
45.0	6.90	7.71	6.69	7.29	7.40	6.75	7.74	8.33	7.84	7.89
47.5	6.21	5.68	6.39	5.71	5.98	6.34	5.84	6.15	6.93	6.69
50.0	4.89	5.14	4.71	5.27	4.77	4.84	5.28	4.90	4.76	5.13
52.5	4.11	4.09	4.16	3.84	4.23	3.84	3.77	4.10	3.95	3.72
55.0	3.50	3.22	3.35	3.24	3.02	3.25	3.00	2.99	3.35	3.45
57.5	2.50	2.85	2.42	2.61	2.43	2.41	2.71	2.60	2.58	2.84
60.0	2.18	2.07	2.08	1.95	2.16	2.01	2.07	2.32	2.26	2.18
62.5	1.79	1.56	1.75	1.63	1.67	1.75	1.64	1.73	1.91	1.89
65.0	1.33	1.36	1.35	1.40	1.27	1.37	1.40	1.31	1.38	1.46
67.5	1.03	1.16	1.05	1.12	1.04	0.99	1.05	1.09	1.07	1.11
70.0	0.82	0.93	0.85	0.82	0.81	0.79	0.82	0.90	0.92	0.89
72.5	0.70	0.72	0.69	0.68	0.70	0.69	0.66	0.67	0.69	0.69
75.0	0.60	0.61	0.59	0.57	0.58	0.57	0.55	0.52	0.52	0.53
77.5	0.50	0.50	0.49	0.47	0.49	0.48	0.47	0.47	0.46	0.47
80.0	0.41	0.42	0.42	0.41	0.43	0.43	0.42	0.42	0.42	0.42
82.5	0.37	0.38	0.37	0.37	0.37	0.38	0.37	0.37	0.37	0.37
85.0	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.31
87.5	0.28	0.28	0.27	0.27	0.26	0.27	0.26	0.26	0.26	0.26
90.0	0.23	0.23	0.22	0.23	0.21	0.21	0.21	0.21	0.21	0.21

**Vert.  
Angles**

**Horizontal Angles**

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82	355.82
2.5	336.70	337.87	338.73	339.57	340.70	341.11	341.77	342.39	342.98	343.55
5.0	343.87	341.57	340.82	340.28	339.94	339.66	339.41	339.32	339.40	339.92
7.5	303.91	307.22	309.47	311.71	313.79	315.49	316.81	318.01	319.06	319.76
10.0	293.25	290.43	288.30	286.44	285.36	284.82	284.82	285.53	286.26	287.58
12.5	234.48	239.97	245.06	249.57	253.52	256.77	259.26	260.98	262.53	259.30
15.0	214.68	210.23	206.42	203.44	201.12	199.49	202.13	205.10	208.33	211.04
17.5	157.68	164.16	170.11	175.50	180.10	178.90	177.13	175.72	174.75	174.35
20.0	135.80	131.02	126.74	123.61	125.00	128.82	132.16	134.95	137.45	138.73
22.5	94.82	99.87	104.62	106.33	105.04	104.04	103.42	103.28	103.64	104.73
25.0	75.43	72.50	69.84	74.39	78.82	82.86	86.42	89.42	89.26	89.06
27.5	57.02	62.00	63.64	61.84	60.13	58.67	58.53	60.08	61.89	63.37
30.0	41.69	38.84	41.08	43.40	45.42	47.38	45.27	43.99	42.85	41.91
32.5	31.99	32.80	30.71	28.45	26.04	27.98	29.86	31.60	33.21	34.60
35.0	19.01	20.15	22.24	24.27	24.84	24.82	24.93	25.14	25.70	26.97
37.5	18.06	17.73	17.28	17.65	19.16	20.61	21.95	22.66	22.94	23.18
40.0	12.87	14.44	15.99	15.80	15.60	15.45	15.87	16.71	17.47	18.14
42.5	11.11	10.68	11.08	12.04	12.91	13.25	13.12	12.98	12.91	12.80
45.0	8.80	9.50	9.22	8.88	8.71	8.96	9.11	9.16	9.16	9.10
47.5	6.29	6.45	6.76	7.01	6.79	6.61	6.42	6.36	6.55	6.69
50.0	5.30	5.09	4.85	5.08	5.37	5.62	5.72	5.73	5.75	5.78
52.5	4.04	4.38	4.47	4.44	4.42	4.52	4.70	4.83	4.90	4.98
55.0	3.39	3.43	3.66	3.88	3.95	3.94	3.92	3.92	3.94	3.95
57.5	3.05	2.99	2.94	2.98	3.10	3.19	3.26	3.23	3.18	3.13
60.0	2.33	2.47	2.51	2.47	2.42	2.37	2.37	2.37	2.31	2.24

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**CANDELA TABULATION - (Cont.)**

<b>62.5</b>	1.82	1.81	1.85	1.87	1.88	1.85	1.84	1.82	1.80	1.77
<b>65.0</b>	1.48	1.45	1.44	1.44	1.47	1.48	1.49	1.49	1.45	1.41
<b>67.5</b>	1.16	1.20	1.19	1.17	1.14	1.12	1.11	1.10	1.08	1.05
<b>70.0</b>	0.87	0.87	0.88	0.86	0.84	0.81	0.78	0.75	0.72	0.69
<b>72.5</b>	0.65	0.61	0.58	0.59	0.59	0.59	0.59	0.60	0.59	0.60
<b>75.0</b>	0.53	0.53	0.54	0.54	0.53	0.53	0.53	0.54	0.54	0.54
<b>77.5</b>	0.47	0.47	0.49	0.48	0.48	0.48	0.48	0.49	0.48	0.48
<b>80.0</b>	0.41	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.43
<b>82.5</b>	0.36	0.37	0.37	0.37	0.38	0.37	0.37	0.37	0.37	0.37
<b>85.0</b>	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
<b>87.5</b>	0.27	0.26	0.26	0.26	0.27	0.26	0.26	0.26	0.26	0.26
<b>90.0</b>	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21

**Vert. Horizontal Angles**  
**Angles**

	<b><u>350.0</u></b>	<b><u>352.5</u></b>	<b><u>355.0</u></b>	<b><u>357.5</u></b>	<b><u>360.0</u></b>
<b>0.0</b>	355.82	355.82	355.82	355.82	355.82
<b>2.5</b>	344.10	344.62	345.12	345.61	346.09
<b>5.0</b>	339.82	340.03	340.36	340.80	341.32
<b>7.5</b>	320.44	321.08	321.44	321.86	322.35
<b>10.0</b>	288.85	290.24	291.75	293.01	294.53
<b>12.5</b>	258.55	258.13	258.33	258.26	258.75
<b>15.0</b>	213.15	214.94	216.14	217.18	218.22
<b>17.5</b>	174.53	174.93	175.74	176.87	178.24
<b>20.0</b>	139.95	140.74	141.09	141.17	141.15
<b>22.5</b>	107.38	109.69	111.58	113.21	114.68
<b>25.0</b>	89.13	89.46	89.89	90.51	91.09
<b>27.5</b>	64.52	65.40	66.03	66.49	66.91
<b>30.0</b>	41.27	40.94	40.88	41.18	41.80
<b>32.5</b>	35.37	35.82	36.18	36.51	36.79
<b>35.0</b>	28.11	29.09	29.86	30.41	30.86
<b>37.5</b>	23.55	23.88	24.32	24.68	25.08
<b>40.0</b>	18.72	19.13	19.43	19.59	19.70
<b>42.5</b>	12.97	13.14	13.34	13.52	13.73
<b>45.0</b>	9.07	9.02	9.01	9.03	9.08
<b>47.5</b>	6.83	6.94	7.01	7.07	7.14
<b>50.0</b>	5.82	5.88	5.94	6.00	6.05
<b>52.5</b>	5.05	5.04	5.05	5.07	5.10
<b>55.0</b>	3.97	4.00	4.02	4.04	4.07
<b>57.5</b>	3.10	3.07	3.05	3.05	3.05
<b>60.0</b>	2.17	2.12	2.08	2.05	2.04
<b>62.5</b>	1.74	1.72	1.70	1.69	1.69
<b>65.0</b>	1.39	1.37	1.36	1.35	1.35
<b>67.5</b>	1.04	1.02	1.01	1.00	1.00
<b>70.0</b>	0.68	0.67	0.67	0.66	0.66
<b>72.5</b>	0.60	0.60	0.60	0.60	0.60
<b>75.0</b>	0.54	0.54	0.55	0.55	0.55
<b>77.5</b>	0.48	0.49	0.49	0.49	0.49
<b>80.0</b>	0.43	0.43	0.43	0.43	0.43
<b>82.5</b>	0.37	0.38	0.38	0.38	0.38
<b>85.0</b>	0.32	0.32	0.32	0.32	0.32
<b>87.5</b>	0.26	0.27	0.27	0.27	0.27
<b>90.0</b>	0.21	0.21	0.21	0.21	0.21

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	83.33	59.50	59.30
0-30	116.65	83.30	83.00
0-40	130.39	93.10	92.80
0-60	138.90	99.20	98.80
0-80	140.35	100.20	99.90
0-90	140.54	100.40	100.00
10-90	110.83	79.20	78.90
20-40	47.06	33.60	33.50
20-50	52.87	37.80	37.60
40-70	9.59	6.80	6.80
60-80	1.44	1.00	1.00
70-80	0.36	0.30	0.30
80-90	0.19	0.10	0.10
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	140.54	100.40	100.00

Total Luminaire Efficiency = 100.40%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	29.71
10-20	53.62
20-30	33.32
30-40	13.74
40-50	5.81
50-60	2.70
60-70	1.08
70-80	0.36
80-90	0.19
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	117	117	117	117	112	112	112	107	107	107	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	105	102	98	107	103	100	97	100	98	95	97	95	93	95	93	91	90
3	105	99	95	91	103	98	94	91	95	92	89	93	90	88	91	88	86	85
4	101	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	81
5	96	89	84	80	95	88	83	80	87	82	79	85	81	79	83	80	78	77
6	93	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	70
8	86	77	72	69	85	77	72	69	76	71	68	75	71	68	74	70	68	67
9	83	74	69	66	82	74	69	66	73	68	65	72	68	65	71	68	65	64
10	80	71	66	63	79	71	66	63	70	66	63	69	65	63	69	65	62	61

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : ADATTO COMBO RM.IES**

**UGR TABLE - CORRECTED**

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

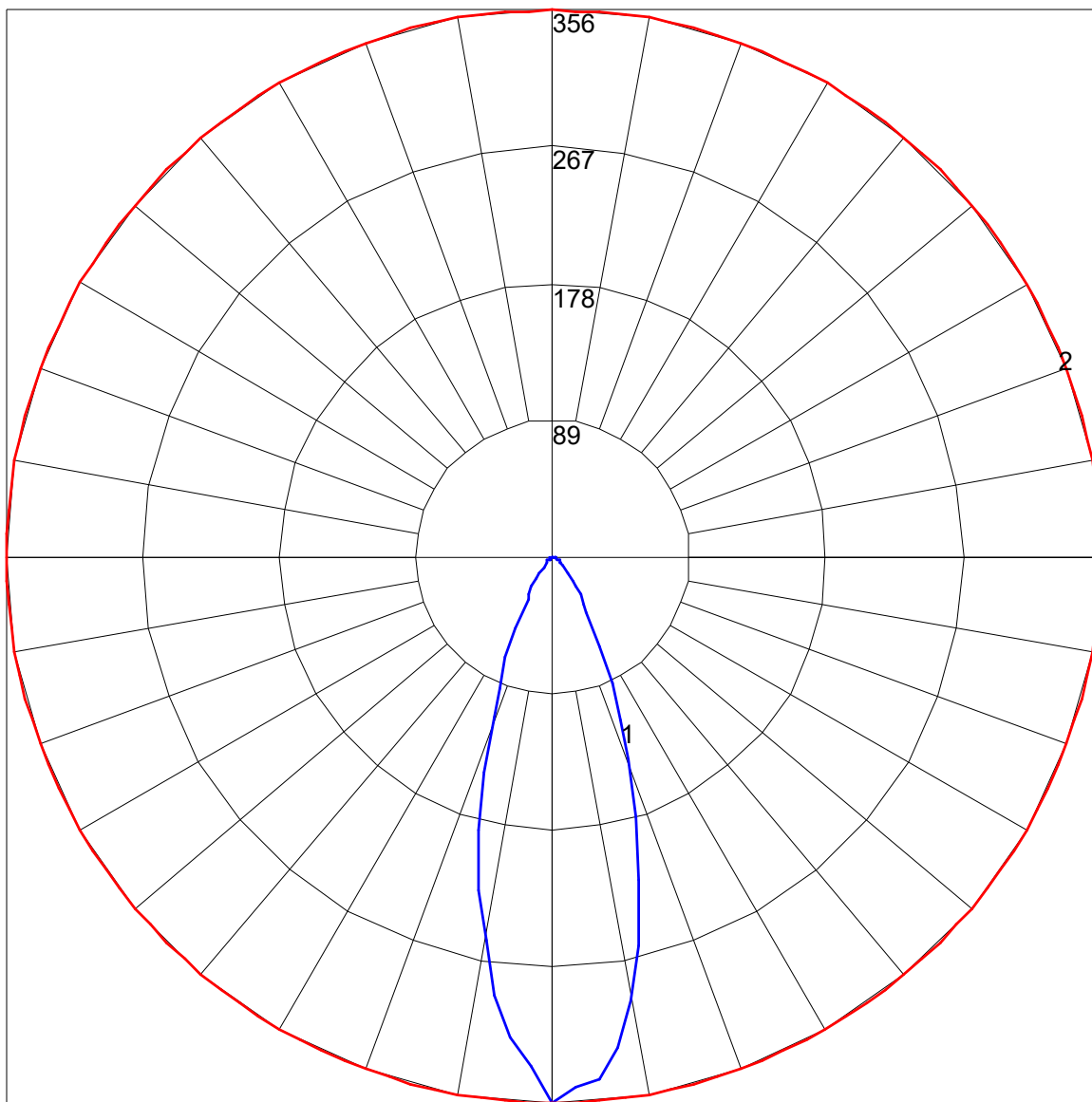
Room Size UGR Viewed Crosswise

X=2H	Y=2H	9.4	10.5	9.7	10.8	11.1	0.0	0.0	0.0	0.2	0.5
	3H	9.9	10.9	10.3	11.2	11.6	1.7	2.7	2.1	3.0	3.4
	4H	10.2	11.1	10.6	11.5	11.9	3.4	4.3	3.8	4.6	5.0
	6H	10.7	11.5	11.1	11.9	12.3	5.3	6.2	5.8	6.6	7.0
	8H	11.0	11.7	11.4	12.1	12.5	6.5	7.3	6.9	7.7	8.1
	12H	11.3	12.1	11.8	12.5	12.9	7.8	8.6	8.3	9.0	9.4
4H	2H	9.2	10.1	9.6	10.5	10.9	0.7	1.6	1.1	2.0	2.4
	3H	10.0	10.7	10.4	11.1	11.5	3.5	4.2	3.9	4.6	5.0
	4H	10.4	11.1	10.8	11.5	11.9	5.1	5.8	5.5	6.2	6.6
	6H	11.1	11.7	11.6	12.1	12.6	7.1	7.6	7.5	8.1	8.6
	8H	11.6	12.1	12.0	12.5	13.0	8.3	8.8	8.7	9.2	9.7
	12H	12.1	12.6	12.6	13.1	13.5	9.6	10.1	10.1	10.6	11.1
8H	4H	10.5	11.0	11.0	11.5	11.9	6.0	6.5	6.4	6.9	7.4
	6H	11.4	11.8	11.9	12.3	12.8	8.1	8.6	8.6	9.1	9.5
	8H	12.0	12.4	12.5	12.9	13.4	9.4	9.8	10.0	10.3	10.8
	12H	12.8	13.2	13.4	13.7	14.3	11.0	11.3	11.5	11.8	12.4
12H	4H	10.5	11.0	11.0	11.4	11.9	6.2	6.7	6.7	7.1	7.6
	6H	11.5	11.9	12.0	12.3	12.9	8.5	8.9	9.0	9.3	9.9
	8H	12.2	12.6	12.7	13.1	13.6	9.9	10.2	10.4	10.7	11.3

Maximum UGR = 14.3



POLAR GRAPH



Maximum Candela = 355.82 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)