



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13362267.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUE DATE] 2020-05-28
 [MANUFAC] H E Williams Inc
 [LUMCAT] MD4AERRG-4-L26/L66/840-A-DIM-UNV READING ONLY
 [LUMINAIRE] Formed white steel housing, prismatic lens, clear plastic
 [MORE] enclosure
 [LAMP] 308 White LEDs (28 on / 280 off)
 [BALLAST] One Phillips X1020C056V054BST2 driver
 [OTHER] 25.5 C, 120.089 V, 0.090347 A, 10.6957 W, 0.985806 PF, 60 Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	934
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	10.6957
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.08
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.43 ft
Luminous Width (90-270)	3.77 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3539	2920	2772
55	3828	3108	2330
65	3981	3045	1560
75	3096	2422	705
85	172	181	31

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	473.50	473.50	473.50	473.50	473.50	473.50	473.50	473.50	473.50	473.50
0.5	445.00	448.60	454.80	470.10	492.20	498.40	487.20	470.90	493.50	491.60
1.0	421.70	427.30	438.70	460.90	492.20	508.60	505.00	494.70	514.40	509.80
1.5	402.00	408.60	423.20	452.10	492.20	518.60	521.90	516.30	530.60	524.50
2.0	384.90	392.40	409.20	443.20	492.40	528.60	537.30	536.40	541.50	534.80
2.5	369.40	377.60	396.90	434.50	492.40	537.80	550.10	552.20	547.60	541.20
3.0	355.90	364.30	385.20	426.20	492.40	546.70	560.80	563.90	549.00	543.70
3.5	343.20	352.40	374.30	418.40	492.60	554.10	568.90	571.40	546.90	542.70
4.0	331.30	340.90	364.10	411.20	492.60	561.10	574.30	574.10	543.30	540.10
4.5	321.20	330.30	354.60	404.20	492.40	567.40	577.50	573.20	537.00	535.70
5.0	313.50	321.30	345.40	397.60	492.00	572.90	578.40	570.50	525.20	527.20
5.5	309.00	314.80	336.30	391.10	491.70	577.70	577.40	566.10	507.80	514.30
6.0	307.20	310.70	327.90	384.50	491.00	581.40	575.50	557.90	481.40	494.90
6.5	307.60	309.40	320.70	378.30	490.60	584.40	572.70	545.20	441.90	465.90
7.0	309.70	309.60	314.70	372.20	489.90	586.70	569.00	527.20	397.50	427.60
7.5	312.60	311.30	310.30	366.40	489.20	588.20	562.70	500.10	348.00	385.10
8.0	315.40	313.70	307.60	360.60	488.60	589.00	554.10	463.00	300.70	339.70
8.5	318.40	316.10	306.20	354.90	487.70	588.90	543.00	420.90	262.10	296.80
9.0	321.30	318.50	305.70	349.40	486.90	588.20	527.00	374.30	235.40	262.10
9.5	324.20	320.80	306.30	343.80	486.00	586.80	506.70	327.90	217.20	237.40
10.0	326.90	323.10	307.70	338.40	485.10	585.30	478.10	287.50	209.60	218.90
10.5	329.60	325.20	309.40	333.10	484.50	583.40	446.80	258.10	206.50	209.80
11.0	332.20	327.40	311.10	328.10	483.40	581.20	412.70	236.50	203.50	206.70
11.5	334.60	329.40	312.70	323.70	482.60	578.90	375.80	221.90	200.70	203.90
12.0	337.00	331.40	314.40	320.10	481.50	576.20	339.10	218.00	197.90	201.20
12.5	339.10	333.50	316.00	317.00	480.50	573.10	305.40	215.00	195.10	198.60
13.0	341.30	335.50	317.60	314.70	479.60	569.20	276.70	212.20	192.60	196.00
13.5	343.30	337.50	319.10	313.10	478.70	564.50	255.30	209.30	190.00	193.40
14.0	345.20	339.60	320.60	312.10	477.90	559.50	238.10	206.60	187.50	191.10
14.5	347.10	341.60	322.30	311.50	476.60	553.50	224.80	203.80	185.00	188.60
15.0	349.10	343.50	323.90	311.20	475.40	546.50	218.60	201.10	182.50	186.30
15.5	351.00	345.50	325.70	311.00	474.20	538.10	216.10	198.40	180.10	184.00
16.0	353.00	347.30	327.50	310.90	472.80	528.30	213.80	195.90	177.60	181.70
16.5	354.80	349.20	329.40	311.20	471.40	517.60	211.50	193.40	175.10	179.40
17.0	356.70	350.90	331.30	311.50	470.30	504.50	209.20	190.90	172.60	177.20
17.5	358.60	352.50	333.10	311.90	469.00	488.70	207.10	188.40	170.10	174.90
18.0	360.50	354.20	335.00	312.10	467.60	471.00	204.80	185.90	167.70	172.70
18.5	362.20	355.70	336.70	312.20	466.00	452.90	202.60	183.60	165.30	170.40
19.0	363.90	357.30	338.40	312.30	464.10	434.40	200.50	181.10	163.10	168.10
19.5	365.60	358.70	340.00	312.30	462.40	415.10	198.30	178.70	161.00	165.90
20.0	367.20	360.20	341.60	312.30	460.50	394.50	196.20	176.30	158.80	163.70
20.5	368.80	361.50	343.00	312.20	458.80	373.00	194.10	173.90	156.90	161.60
21.0	370.30	362.80	344.20	312.20	456.80	351.50	191.90	171.60	154.80	159.70
21.5	371.70	364.10	345.10	312.00	454.80	330.50	189.90	169.40	152.70	157.70
22.0	373.00	365.30	345.90	311.70	452.70	310.60	187.80	167.30	150.70	155.80
22.5	374.20	366.50	346.70	311.30	450.20	292.10	185.70	165.20	148.70	153.90
23.0	375.30	367.60	347.40	310.90	447.70	274.90	183.60	163.30	146.70	152.00
23.5	376.40	368.70	348.10	310.40	445.50	260.50	181.50	161.30	144.70	150.10
24.0	377.50	369.70	348.70	309.80	442.80	248.20	179.50	159.30	142.80	148.20
24.5	378.50	370.70	349.30	309.30	440.30	237.40	177.30	157.20	140.80	146.40
25.0	379.40	371.70	349.80	308.60	437.80	227.70	175.10	155.20	138.90	144.50
25.5	380.40	372.60	350.20	308.10	435.30	219.00	173.00	153.20	137.10	142.60
26.0	381.20	373.60	350.40	307.50	433.10	211.80	170.80	151.20	135.40	140.70
26.5	381.90	374.40	350.60	306.90	430.70	208.10	168.70	149.20	133.70	138.90

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CANDELA TABULATION - (Cont.)

27.0	382.80	375.30	350.80	306.20	428.50	205.80	166.60	147.40	131.90	137.20
27.5	383.50	376.10	351.00	305.60	426.00	203.60	164.60	145.50	130.10	135.50
28.0	384.20	376.90	351.20	305.00	423.60	201.40	162.60	143.80	128.30	133.90
28.5	384.80	377.60	351.50	304.40	421.40	199.30	160.70	142.00	126.70	132.20
29.0	385.40	378.30	351.60	303.70	418.90	197.10	158.90	140.30	125.00	130.60
29.5	385.90	379.30	351.90	303.20	416.80	194.80	156.90	138.50	123.50	128.90
30.0	386.40	380.00	352.00	302.50	414.30	192.70	155.00	136.70	121.80	127.30
30.5	386.70	380.80	352.00	301.80	411.70	190.60	153.00	134.90	120.30	125.80
31.0	387.10	381.70	352.00	300.80	408.50	188.50	151.00	133.10	118.80	124.20
31.5	387.40	382.60	351.90	299.70	404.60	186.40	148.90	131.20	117.30	122.70
32.0	387.80	383.20	351.50	298.40	400.70	184.30	147.00	129.40	115.90	121.30
32.5	388.10	383.90	351.30	296.90	396.30	182.30	145.00	127.70	114.50	119.80
33.0	388.40	384.50	350.80	295.20	392.60	180.20	143.00	126.00	112.90	118.30
33.5	388.70	384.90	350.30	292.70	389.30	178.10	141.00	124.20	111.40	116.80
34.0	388.90	385.30	349.70	290.00	385.40	176.10	139.00	122.60	109.90	115.40
34.5	389.10	385.50	349.00	287.20	381.90	174.20	137.10	120.90	108.40	114.00
35.0	389.10	385.70	348.40	284.80	378.60	172.20	135.20	119.30	106.90	112.50
35.5	389.10	385.80	347.80	283.10	375.40	170.20	133.40	117.60	105.30	111.00
36.0	388.90	385.90	347.10	281.90	372.60	168.30	131.50	115.90	103.90	109.50
36.5	388.60	385.90	346.30	281.00	369.30	166.30	129.70	114.20	102.30	108.10
37.0	388.10	385.80	345.50	280.20	365.90	164.40	127.80	112.50	100.80	106.60
37.5	387.60	385.70	344.70	279.70	362.30	162.50	125.90	110.90	99.33	105.10
38.0	387.00	385.60	343.80	279.10	358.60	160.60	124.10	109.20	97.76	103.60
38.5	386.30	385.40	342.60	278.40	355.20	158.70	122.20	107.60	96.22	102.10
39.0	385.50	385.20	341.00	277.50	351.40	156.80	120.30	106.10	94.75	100.60
39.5	384.70	384.90	339.40	276.20	347.70	154.80	118.70	104.50	93.21	99.18
40.0	384.00	384.60	337.50	274.70	344.10	152.90	116.90	103.00	91.80	97.57
40.5	383.20	384.10	335.00	273.20	340.00	151.00	115.30	101.50	90.38	96.08
41.0	382.30	383.40	332.00	271.50	336.20	149.10	113.70	100.00	88.97	94.56
41.5	381.50	382.60	328.40	269.70	331.80	147.20	112.20	98.52	87.61	93.03
42.0	380.80	381.80	324.70	267.60	327.40	145.20	110.60	96.98	86.28	91.47
42.5	379.90	380.80	321.20	265.50	322.60	143.30	109.10	95.49	84.99	90.07
43.0	379.10	379.70	318.00	263.30	316.80	141.40	107.60	93.98	83.75	88.65
43.5	378.10	378.40	315.50	261.20	310.40	139.60	106.10	92.60	82.52	87.26
44.0	377.10	377.20	313.20	258.70	303.80	137.70	104.60	91.09	81.33	85.82
44.5	376.00	375.90	311.10	255.80	298.30	135.80	103.10	89.66	80.21	84.43
45.0	374.70	374.40	309.20	252.20	293.50	133.80	101.60	88.32	79.06	83.18
45.5	373.40	373.10	307.60	247.60	288.90	132.00	99.91	86.89	77.94	81.93
46.0	371.60	371.70	306.00	242.50	284.90	130.00	98.38	85.56	76.78	80.75
46.5	369.90	370.50	304.50	238.10	280.70	128.10	96.81	84.28	75.66	79.49
47.0	368.00	369.20	303.00	234.60	276.50	126.20	95.20	83.00	74.95	78.30
47.5	366.00	367.70	301.40	231.50	272.50	124.30	93.63	81.75	73.81	77.07
48.0	363.90	366.30	299.70	228.70	268.10	122.30	92.02	80.46	72.69	75.81
48.5	361.80	364.80	298.00	226.20	264.00	120.20	90.42	79.22	71.56	74.94
49.0	359.60	363.10	296.30	223.60	259.90	118.20	88.81	77.90	70.43	73.82
49.5	357.30	361.30	294.70	221.10	255.50	116.20	87.18	76.75	69.30	72.60
50.0	355.00	359.30	293.30	218.50	251.40	114.20	85.55	75.49	68.17	71.42
50.5	352.70	357.30	291.90	216.00	246.50	112.10	83.91	74.64	67.02	70.18
51.0	350.40	355.00	290.70	213.40	241.60	109.90	82.23	73.40	65.89	69.00
51.5	348.00	352.50	289.60	210.80	236.10	107.90	80.59	72.18	64.76	67.82
52.0	345.50	350.00	287.90	208.20	229.50	105.90	78.86	70.97	63.64	66.64
52.5	343.00	347.30	285.80	205.50	223.40	103.80	77.26	69.75	62.52	65.47
53.0	340.30	344.80	282.70	202.70	217.80	101.70	75.68	68.55	61.45	64.29
53.5	337.50	342.00	278.40	199.80	212.70	99.69	74.39	67.34	60.36	63.11
54.0	334.70	339.20	273.80	196.90	208.30	97.65	72.76	66.14	59.28	61.95
54.5	331.90	336.20	270.00	193.90	204.00	95.61	71.12	64.95	58.20	60.81

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CANDELA TABULATION - (Cont.)

55.0	328.80	333.30	266.90	190.80	200.10	93.57	69.49	63.79	57.13	59.66
55.5	325.80	330.20	264.00	187.60	195.50	91.45	67.91	62.62	56.07	58.50
56.0	322.80	327.20	261.10	184.50	190.50	89.37	66.31	61.48	55.01	57.39
56.5	319.60	323.90	258.10	181.30	186.00	87.24	64.74	60.33	53.95	56.25
57.0	316.40	320.60	255.00	178.00	181.10	85.17	63.18	59.17	52.86	55.12
57.5	313.20	317.00	251.80	174.60	175.90	83.13	61.60	58.03	51.75	53.98
58.0	309.80	313.20	248.40	171.20	169.90	81.07	60.09	56.90	50.63	52.83
58.5	306.30	309.20	244.90	167.80	162.90	79.07	58.59	55.80	49.49	51.68
59.0	302.70	305.20	241.40	164.30	157.10	77.05	57.09	54.71	48.36	50.51
59.5	299.00	301.20	237.70	161.00	151.90	75.07	55.67	53.61	47.22	49.35
60.0	295.20	296.30	233.90	157.50	147.50	73.42	54.19	52.50	46.09	48.18
60.5	291.30	290.60	230.10	154.10	143.30	71.39	52.79	51.38	44.97	47.03
61.0	287.30	284.50	226.10	150.60	138.60	69.34	51.38	50.24	43.84	45.85
61.5	283.10	278.50	222.10	147.20	134.00	67.28	49.99	49.10	42.72	44.69
62.0	279.20	272.90	218.00	143.70	128.80	65.23	48.68	47.96	41.59	43.54
62.5	274.80	267.80	213.90	140.40	121.70	63.16	47.34	46.81	40.46	42.39
63.0	270.60	262.80	209.80	136.90	116.00	61.11	46.04	45.66	39.34	41.25
63.5	266.00	258.20	205.50	133.40	111.30	59.05	44.75	44.51	38.19	40.09
64.0	261.50	253.80	201.30	129.80	107.10	56.98	43.46	43.35	37.02	38.93
64.5	256.70	249.20	197.10	126.20	103.30	54.95	42.21	42.18	35.84	37.75
65.0	251.90	244.40	192.70	122.80	98.70	52.98	40.97	40.98	34.64	36.57
65.5	246.80	239.70	188.50	119.20	92.62	50.98	39.75	39.77	33.40	35.37
66.0	242.00	234.90	184.10	115.60	87.39	48.96	38.53	38.55	32.14	34.14
66.5	236.90	229.90	179.60	112.10	83.41	46.95	37.28	37.32	30.84	32.90
67.0	231.90	224.80	175.00	108.50	79.71	44.95	36.03	36.05	29.52	31.63
67.5	226.50	219.70	170.30	104.90	75.75	42.98	34.77	34.78	28.17	30.36
68.0	221.40	214.40	165.70	101.40	71.15	41.03	33.53	33.49	26.84	29.08
68.5	215.40	209.10	160.90	97.78	66.75	39.08	32.28	32.17	25.55	27.75
69.0	209.90	203.30	156.00	94.19	63.17	37.17	31.04	30.85	24.29	26.40
69.5	204.00	197.80	151.10	90.53	59.86	35.28	29.84	29.50	23.12	25.06
70.0	198.30	191.60	146.10	86.89	56.02	33.41	28.64	28.12	22.14	23.78
70.5	191.90	185.60	141.00	83.28	52.30	31.62	27.45	26.73	21.26	22.52
71.0	185.30	179.50	136.00	79.75	49.22	29.79	26.27	25.33	20.36	21.36
71.5	177.90	173.00	130.80	76.25	46.01	28.07	25.10	23.96	19.49	20.38
72.0	170.90	166.60	125.50	73.04	42.83	26.35	23.97	22.73	18.62	19.49
72.5	164.30	158.90	120.30	69.55	40.07	24.67	22.82	21.67	17.75	18.61
73.0	155.50	152.00	115.10	66.04	37.21	23.05	21.67	20.72	16.90	17.72
73.5	147.10	145.20	109.80	62.51	34.58	21.47	20.51	19.78	16.05	16.84
74.0	138.70	137.10	104.50	59.02	32.06	19.91	19.35	18.86	15.23	15.99
74.5	129.80	129.00	99.29	55.50	29.64	18.44	18.18	17.95	14.42	15.14
75.0	120.00	120.90	93.87	52.05	27.33	17.01	16.98	17.05	13.63	14.31
75.5	108.50	112.40	88.45	48.67	25.07	15.65	15.77	16.16	12.85	13.50
76.0	98.75	103.10	82.86	45.36	22.90	14.37	14.64	15.28	12.09	12.71
76.5	86.23	92.92	77.32	42.09	20.83	13.17	13.68	14.42	11.35	11.93
77.0	74.34	83.09	72.32	38.94	18.84	12.03	12.80	13.57	10.63	11.17
77.5	64.30	72.87	66.53	35.82	16.92	10.95	11.93	12.75	9.92	10.43
78.0	50.57	61.80	60.58	32.75	15.10	9.93	11.09	11.93	9.24	9.72
78.5	41.94	51.84	55.25	29.79	13.35	8.99	10.28	11.14	8.57	9.02
79.0	31.89	41.69	49.18	26.92	11.71	8.12	9.50	10.38	7.94	8.36
79.5	24.62	32.42	43.24	24.14	10.16	7.30	8.73	9.63	7.32	7.72
80.0	19.30	25.25	37.21	21.45	8.72	6.54	7.99	8.90	6.74	7.11
80.5	14.63	18.88	31.20	18.86	7.38	5.82	7.28	8.20	6.17	6.51
81.0	11.81	14.26	25.38	16.36	6.13	5.16	6.61	7.53	5.63	5.95
81.5	9.57	11.03	20.20	14.04	4.99	4.53	5.97	6.89	5.12	5.41
82.0	7.72	8.82	15.11	11.74	3.96	3.93	5.37	6.27	4.65	4.91
82.5	6.50	6.95	11.16	9.59	3.06	3.35	4.80	5.69	4.21	4.44

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

83.0	5.34	5.74	7.78	7.64	2.28	2.85	4.26	5.14	3.80	4.01
83.5	4.41	4.62	5.91	5.91	1.63	2.40	3.76	4.63	3.42	3.61
84.0	3.65	3.71	4.17	4.37	1.11	2.00	3.29	4.15	3.08	3.24
84.5	2.90	3.01	3.18	3.06	0.71	1.63	2.86	3.71	2.76	2.89
85.0	2.24	2.31	2.36	2.02	0.40	1.31	2.46	3.29	2.45	2.58
85.5	1.82	1.81	1.77	1.26	0.19	1.03	2.08	2.93	2.16	2.29
86.0	1.59	1.54	1.28	0.78	0.05	0.77	1.73	2.56	1.87	2.00
86.5	1.01	1.16	0.96	0.48	0.00	0.54	1.41	2.20	1.38	1.73
87.0	0.33	0.46	0.69	0.27	0.00	0.33	1.09	1.87	0.66	1.34
87.5	0.00	0.00	0.21	0.10	0.00	0.13	0.74	1.38	0.08	0.65
88.0	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.62	0.00	0.08
88.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
89.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	473.50	473.50	473.50	473.50	473.50	473.50	473.50
0.5	486.60	487.40	492.00	477.80	451.80	428.90	445.00
1.0	500.40	495.70	491.70	467.50	435.90	412.10	421.70
1.5	511.80	503.00	491.30	458.00	422.10	396.70	402.00
2.0	521.10	509.80	490.90	448.80	408.80	382.90	384.90
2.5	527.70	515.50	490.40	440.20	396.60	370.20	369.40
3.0	532.10	520.70	490.00	432.40	385.20	358.00	355.90
3.5	534.00	525.10	489.40	424.90	374.90	346.70	343.20
4.0	534.00	528.80	489.00	417.80	365.00	336.80	331.30
4.5	532.40	531.60	488.40	410.70	355.30	329.30	321.20
5.0	529.90	533.50	487.70	403.80	346.50	324.60	313.50
5.5	526.80	534.60	487.10	397.00	338.50	322.30	309.00
6.0	521.60	535.30	486.40	390.60	331.90	321.80	307.20
6.5	513.80	535.50	485.70	384.30	326.60	323.00	307.60
7.0	503.80	535.00	485.00	378.40	323.00	325.20	309.70
7.5	489.60	533.90	484.30	372.40	320.90	327.40	312.60
8.0	471.50	532.50	483.40	366.50	319.80	329.60	315.40
8.5	446.20	530.90	482.50	360.80	319.60	331.80	318.40
9.0	416.00	529.10	481.50	355.10	320.40	334.00	321.30
9.5	383.80	527.10	480.50	349.40	321.60	336.20	324.20
10.0	349.00	524.40	479.50	343.80	322.80	338.40	326.90
10.5	314.40	521.00	478.30	338.80	324.20	340.50	329.60
11.0	282.90	516.40	477.10	334.00	325.30	342.40	332.20
11.5	256.90	510.90	475.80	329.70	326.50	344.40	334.60
12.0	237.50	504.60	474.60	325.70	327.70	346.30	337.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES****CANDELA TABULATION - (Cont.)**

12.5	221.90	497.20	473.20	322.30	328.80	348.20	339.10
13.0	210.20	488.00	472.20	318.90	329.90	350.00	341.30
13.5	205.50	477.60	470.80	316.30	331.00	351.70	343.30
14.0	203.20	465.30	469.60	314.00	332.10	353.50	345.20
14.5	201.10	450.00	468.10	312.30	333.10	355.10	347.10
15.0	199.00	432.80	466.70	310.90	333.90	356.70	349.10
15.5	197.00	415.00	464.90	309.80	334.70	358.20	351.00
16.0	194.80	396.70	463.40	308.90	335.40	359.80	353.00
16.5	192.80	377.40	462.10	308.20	336.10	361.30	354.80
17.0	190.90	357.40	460.60	307.70	336.80	362.70	356.70
17.5	189.00	337.20	459.30	307.50	337.50	364.10	358.60
18.0	187.10	317.10	458.00	307.40	338.00	365.50	360.50
18.5	185.20	297.60	456.50	307.20	338.50	366.70	362.20
19.0	183.30	279.60	454.90	307.10	339.10	368.10	363.90
19.5	181.40	263.00	452.90	306.80	339.50	369.30	365.60
20.0	179.60	249.40	451.20	306.40	340.00	370.50	367.20
20.5	177.80	238.00	449.30	306.20	340.30	371.70	368.80
21.0	175.90	228.30	447.60	305.70	340.70	372.70	370.30
21.5	174.00	219.40	445.90	305.30	341.10	373.80	371.70
22.0	172.20	212.00	444.00	304.70	341.40	374.90	373.00
22.5	170.20	206.00	442.20	304.20	341.70	375.80	374.20
23.0	168.30	203.20	440.10	303.50	342.00	376.80	375.30
23.5	166.40	201.50	438.10	302.90	342.20	377.60	376.40
24.0	164.50	199.80	436.20	302.10	342.40	378.40	377.50
24.5	162.60	198.10	434.20	301.50	342.60	379.20	378.50
25.0	160.80	196.40	432.30	300.70	342.80	379.90	379.40
25.5	159.00	194.80	430.10	299.90	342.80	380.50	380.40
26.0	157.20	193.10	427.90	299.10	342.90	381.00	381.20
26.5	155.60	191.50	425.50	298.30	342.90	381.60	381.90
27.0	153.90	189.90	423.00	297.50	342.80	381.90	382.80
27.5	152.30	188.20	420.50	296.50	342.70	382.20	383.50
28.0	150.60	186.50	417.80	295.70	342.70	382.40	384.20
28.5	148.90	184.80	415.40	294.80	342.60	382.50	384.80
29.0	147.20	183.20	412.80	293.90	342.30	382.70	385.40
29.5	145.50	181.50	409.80	293.00	342.20	382.90	385.90
30.0	143.80	179.90	406.90	292.10	341.90	383.00	386.40
30.5	142.30	178.30	404.10	291.20	341.50	383.30	386.70
31.0	140.70	176.70	401.40	290.30	341.10	383.50	387.10
31.5	139.10	175.10	399.00	289.40	340.60	383.80	387.40
32.0	137.60	173.60	396.60	288.30	340.00	384.00	387.80
32.5	136.00	172.10	394.20	287.30	339.40	384.40	388.10
33.0	134.60	170.50	392.00	286.20	338.60	384.50	388.40
33.5	133.20	169.00	389.70	284.90	337.90	384.70	388.70
34.0	131.70	167.50	387.00	283.70	337.20	384.70	388.90
34.5	130.30	166.00	384.30	282.20	336.50	384.70	389.10
35.0	128.80	164.50	381.60	280.70	335.60	384.50	389.10
35.5	127.40	162.90	378.90	279.20	334.70	384.10	389.10
36.0	125.80	161.30	375.80	277.50	333.80	383.60	388.90
36.5	124.20	159.70	372.80	275.80	332.90	382.80	388.60
37.0	122.70	158.10	369.90	274.00	331.80	381.90	388.10
37.5	121.20	156.40	367.10	272.20	330.60	380.70	387.60
38.0	119.70	154.70	364.50	270.40	329.50	379.50	387.00
38.5	118.10	153.00	361.50	268.50	328.10	377.90	386.30
39.0	116.60	151.30	358.70	266.60	326.60	376.40	385.50
39.5	115.10	149.50	355.50	264.60	324.90	374.70	384.70
40.0	113.40	147.80	352.20	262.70	323.10	373.00	384.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES****CANDELA TABULATION - (Cont.)**

40.5	111.90	146.00	348.90	260.60	321.20	371.30	383.20
41.0	110.20	144.30	345.50	258.50	319.10	369.50	382.30
41.5	108.70	142.60	341.90	256.30	317.00	367.60	381.50
42.0	107.00	140.80	338.20	253.90	314.80	365.90	380.80
42.5	105.30	139.00	334.10	251.50	312.60	364.30	379.90
43.0	103.60	137.30	330.30	249.10	310.40	362.70	379.10
43.5	101.90	135.40	326.30	246.50	308.20	361.20	378.10
44.0	100.30	133.60	322.50	244.00	306.00	359.80	377.10
44.5	98.68	131.60	318.60	241.30	303.90	358.40	376.00
45.0	97.07	129.80	314.40	238.70	301.80	357.10	374.70
45.5	95.50	127.80	310.00	236.10	299.80	355.90	373.40
46.0	93.97	126.00	305.50	233.50	297.90	354.40	371.60
46.5	92.49	124.20	301.30	231.20	295.90	353.00	369.90
47.0	90.93	122.50	297.40	228.80	293.90	351.50	368.00
47.5	89.51	120.80	293.90	226.30	291.90	349.80	366.00
48.0	88.00	119.10	290.50	223.90	289.90	348.00	363.90
48.5	86.56	117.40	287.30	221.60	287.80	346.10	361.80
49.0	85.01	115.80	283.80	219.20	285.80	344.10	359.60
49.5	83.54	114.20	280.20	216.90	283.60	341.90	357.30
50.0	82.04	112.40	276.60	214.50	281.40	339.70	355.00
50.5	80.49	110.70	273.00	212.10	279.20	337.40	352.70
51.0	79.03	109.00	269.20	209.80	277.00	335.00	350.40
51.5	77.51	107.20	265.40	207.40	274.80	332.60	348.00
52.0	75.96	105.30	261.50	205.00	272.60	330.00	345.50
52.5	74.90	103.40	257.80	202.50	270.50	327.40	343.00
53.0	73.43	101.60	254.00	200.00	268.30	324.50	340.30
53.5	71.98	99.70	249.90	197.60	266.00	321.60	337.50
54.0	70.53	97.89	245.90	195.20	263.60	318.60	334.70
54.5	69.12	96.02	242.40	192.70	261.20	315.60	331.90
55.0	67.67	94.25	238.90	190.20	258.60	312.50	328.80
55.5	66.24	92.38	235.70	187.80	255.80	309.30	325.80
56.0	64.81	90.59	231.90	185.20	253.00	306.10	322.80
56.5	63.38	88.77	227.60	182.60	250.10	302.80	319.60
57.0	61.95	87.00	223.60	179.90	247.10	299.40	316.40
57.5	60.53	85.18	219.60	177.20	244.00	296.00	313.20
58.0	59.12	83.32	215.30	174.50	240.80	292.50	309.80
58.5	57.70	81.55	211.30	171.70	237.70	289.10	306.30
59.0	56.28	79.67	206.70	168.80	234.40	285.60	302.70
59.5	54.89	77.73	202.20	165.90	231.00	281.80	299.00
60.0	53.52	75.78	198.20	163.10	227.60	277.90	295.20
60.5	52.15	74.26	194.50	160.10	224.10	274.00	291.30
61.0	50.78	72.31	189.90	157.20	220.50	270.10	287.30
61.5	49.46	70.37	185.10	154.30	216.80	265.90	283.10
62.0	48.15	68.43	180.50	151.30	213.10	261.90	279.20
62.5	46.87	66.50	175.70	148.40	209.30	257.60	274.80
63.0	45.63	64.59	171.30	145.50	205.50	253.40	270.60
63.5	44.39	62.67	166.60	142.50	201.50	249.00	266.00
64.0	43.18	60.71	162.20	139.40	197.60	244.40	261.50
64.5	41.98	58.74	158.20	136.40	193.80	239.80	256.70
65.0	40.79	56.82	153.30	133.30	189.60	234.80	251.90
65.5	39.60	54.92	149.20	130.30	185.60	230.10	246.80
66.0	38.41	53.03	144.40	127.20	181.50	225.20	242.00
66.5	37.19	51.18	139.90	124.10	177.20	220.10	236.90
67.0	35.95	49.34	135.40	121.00	172.80	214.70	231.90
67.5	34.73	47.52	131.40	118.00	168.50	209.50	226.50
68.0	33.48	45.73	127.00	114.80	164.10	204.00	221.40

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

68.5	32.25	43.98	122.20	111.70	159.60	198.20	215.40
69.0	31.02	42.24	117.90	108.50	155.00	192.60	209.90
69.5	29.78	40.51	113.30	105.30	150.50	186.50	204.00
70.0	28.53	38.80	109.60	101.90	145.70	180.80	198.30
70.5	27.28	37.10	105.20	98.74	141.10	174.60	191.90
71.0	26.02	35.42	100.80	95.34	136.40	168.60	185.30
71.5	24.77	33.77	96.61	92.03	131.70	162.40	177.90
72.0	23.53	32.13	92.65	88.59	126.90	155.00	170.90
72.5	22.27	30.51	88.30	85.17	122.10	148.60	164.30
73.0	21.01	28.92	84.01	81.80	117.20	141.70	155.50
73.5	19.74	27.39	80.09	78.42	112.40	134.20	147.10
74.0	18.46	25.91	76.12	75.24	107.40	126.30	138.70
74.5	17.22	24.45	72.25	72.06	102.50	118.30	129.80
75.0	16.04	23.05	68.54	68.73	97.52	110.60	120.00
75.5	14.99	21.68	64.55	65.41	92.65	101.80	108.50
76.0	14.09	20.33	60.90	62.11	87.62	91.93	98.75
76.5	13.23	19.01	57.26	58.83	82.36	83.19	86.23
77.0	12.39	17.73	53.64	55.59	77.28	73.42	74.34
77.5	11.57	16.47	50.13	52.39	72.54	62.86	64.30
78.0	10.76	15.25	46.67	49.24	66.84	53.44	50.57
78.5	9.99	14.09	43.13	46.15	61.56	43.58	41.94
79.0	9.25	12.92	39.73	43.09	55.96	34.17	31.89
79.5	8.51	11.81	36.21	40.10	50.04	27.21	24.62
80.0	7.82	10.74	32.72	37.12	44.10	20.72	19.30
80.5	7.15	9.70	29.35	34.17	38.18	15.95	14.63
81.0	6.51	8.65	26.00	31.30	32.26	12.43	11.81
81.5	5.91	7.64	22.52	28.48	26.63	9.82	9.57
82.0	5.34	6.75	19.33	25.74	20.90	7.64	7.72
82.5	4.80	6.00	16.54	23.08	16.00	6.33	6.50
83.0	4.30	5.31	14.16	20.46	11.95	5.08	5.34
83.5	3.82	4.66	12.24	17.94	8.99	4.10	4.41
84.0	3.38	4.06	10.63	15.43	6.55	3.28	3.65
84.5	2.99	3.50	9.29	13.06	4.91	2.53	2.90
85.0	2.63	2.99	8.04	10.72	3.61	2.00	2.24
85.5	2.30	2.53	6.92	8.47	2.67	1.68	1.82
86.0	2.01	2.12	5.89	6.44	1.94	1.17	1.59
86.5	1.75	1.75	4.95	4.60	1.44	0.47	1.01
87.0	1.48	1.43	4.08	3.10	0.96	0.00	0.33
87.5	1.23	1.15	3.26	2.05	0.23	0.00	0.00
88.0	0.77	0.90	2.42	1.27	0.00	0.00	0.00
88.5	0.10	0.66	1.61	0.66	0.00	0.00	0.00
89.0	0.00	0.26	0.98	0.00	0.00	0.00	0.00
89.5	0.00	0.00	0.43	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	133.06	N.A.	14.30
0-30	263.55	N.A.	28.20
0-40	424.27	N.A.	45.40
0-60	752.24	N.A.	80.60
0-80	927.95	N.A.	99.40
0-90	933.54	N.A.	100.00
10-90	892.98	N.A.	95.70
20-40	291.21	N.A.	31.20
20-50	461.62	N.A.	49.40
40-70	446.66	N.A.	47.80
60-80	175.71	N.A.	18.80
70-80	57.01	N.A.	6.10
80-90	5.59	N.A.	0.60
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	933.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	40.56
10-20	92.50
20-30	130.49
30-40	160.73
40-50	170.40
50-60	157.57
60-70	118.69
70-80	57.01
80-90	5.59
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 : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.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	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	102	99	95	98	95	92	94	92	90	91	89	87	85
2	99	91	85	79	97	90	83	78	86	81	77	83	79	75	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	76	64	55	48	74	63	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.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	19.3	20.9	19.6	21.2	21.5	UGR Viewed Endwise			
	3H	21.4	22.9	21.8	23.2	23.5	13.9	15.5	14.3	15.8
	4H	22.0	23.4	22.4	23.7	24.1	15.1	16.6	15.5	16.9
	6H	22.1	23.4	22.5	23.8	24.2	15.3	16.7	15.7	17.1
	8H	22.1	23.3	22.5	23.7	24.1	15.4	16.7	15.8	17.0
	12H	22.1	23.2	22.5	23.6	24.1	15.4	16.6	15.8	17.0

4H	2H	19.7	21.1	20.1	21.4	21.8	15.4	16.5	15.8	16.9
	3H	22.0	23.2	22.4	23.6	24.0	15.0	16.4	15.4	16.8
	4H	22.8	23.8	23.2	24.2	24.7	16.4	17.6	16.8	18.0
	6H	23.0	23.8	23.4	24.3	24.7	16.7	17.8	17.2	18.2
	8H	22.9	23.8	23.4	24.2	24.7	16.8	17.7	17.3	18.2
	12H	22.9	23.6	23.4	24.1	24.6	16.8	17.7	17.3	18.1

8H	4H	22.9	23.8	23.4	24.2	24.7	16.8	17.6	17.3	18.0
	6H	23.1	23.8	23.6	24.3	24.7	17.3	18.1	17.8	18.6
	8H	23.0	23.7	23.6	24.2	24.7	17.5	18.1	18.0	18.6
	12H	23.0	23.6	23.5	24.1	24.6	17.4	18.1	17.9	18.6

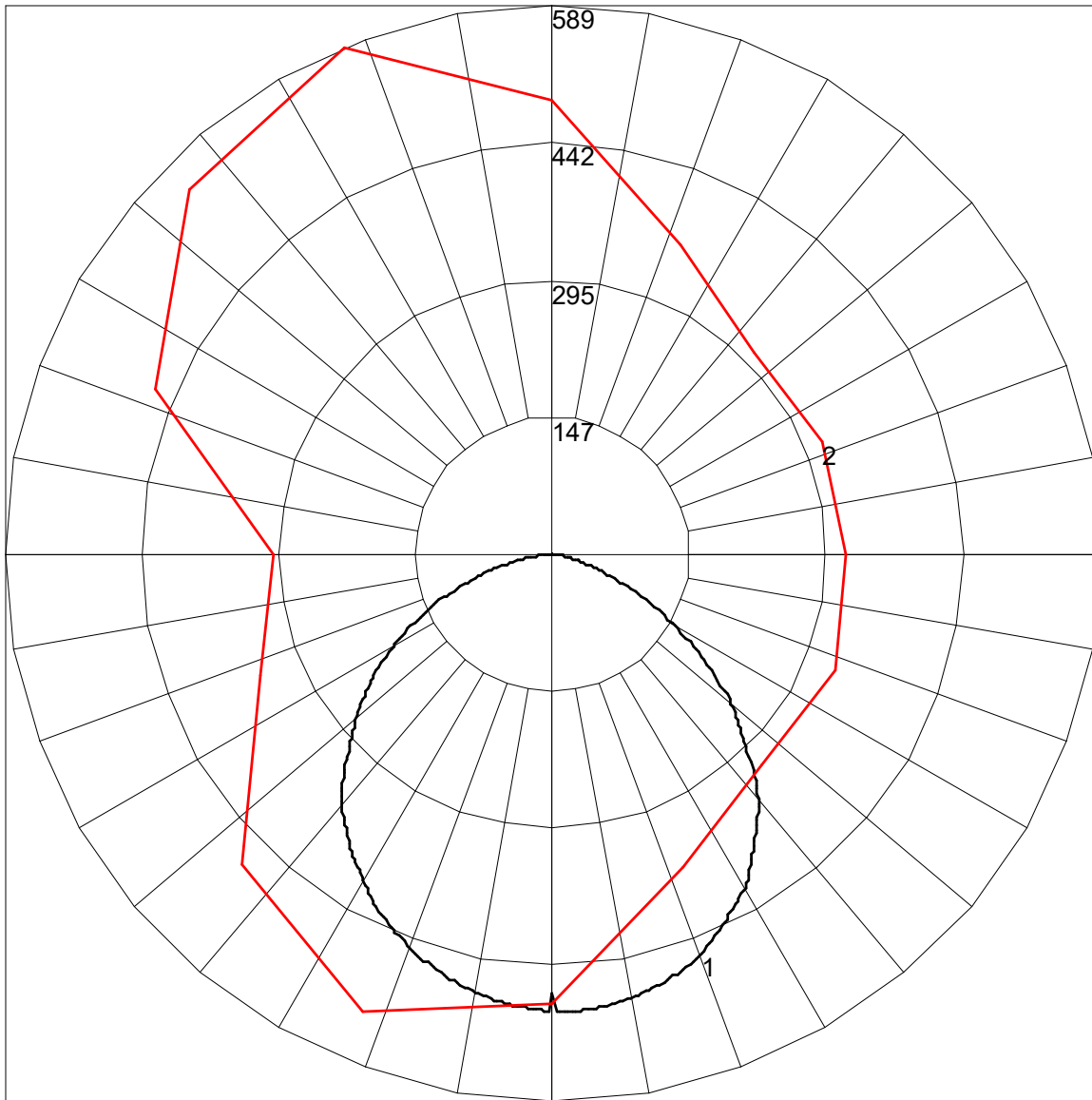
12H	4H	22.9	23.7	23.4	24.1	24.6	17.4	18.0	17.9	18.5
	6H	23.1	23.7	23.6	24.2	24.7	17.3	18.1	17.8	18.5
	8H	23.1	23.6	23.6	24.1	24.6	17.5	18.1	18.0	18.6

Maximum UGR = 24.7

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERRG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

POLAR GRAPH



Maximum Candela = 589 Located At Horizontal Angle = 112.5, Vertical Angle = 8

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (8) (Through Max. Cd.)