



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERLG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 13362267.02
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 2020-05-28
[MANUFAC] H E Williams Inc
[LUMCAT] MD4AERLG-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.
[OTHER] This file was created with mirrored data from test number
[MORE] 13362267.01

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)	0.32
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	747	960	2772
55	665	809	2330
65	547	647	1560
75	352	438	705
85	188	189	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	493.50	470.90	487.20	498.40	492.20	470.10	454.80	448.60	445.00	428.90
1.0	514.40	494.70	505.00	508.60	492.20	460.90	438.70	427.30	421.70	412.10
1.5	530.60	516.30	521.90	518.60	492.20	452.10	423.20	408.60	402.00	396.70
2.0	541.50	536.40	537.30	528.60	492.40	443.20	409.20	392.40	384.90	382.90
2.5	547.60	552.20	550.10	537.80	492.40	434.50	396.90	377.60	369.40	370.20
3.0	549.00	563.90	560.80	546.70	492.40	426.20	385.20	364.30	355.90	358.00
3.5	546.90	571.40	568.90	554.10	492.60	418.40	374.30	352.40	343.20	346.70
4.0	543.30	574.10	574.30	561.10	492.60	411.20	364.10	340.90	331.30	336.80
4.5	537.00	573.20	577.50	567.40	492.40	404.20	354.60	330.30	321.20	329.30
5.0	525.20	570.50	578.40	572.90	492.00	397.60	345.40	321.30	313.50	324.60
5.5	507.80	566.10	577.40	577.70	491.70	391.10	336.30	314.80	309.00	322.30
6.0	481.40	557.90	575.50	581.40	491.00	384.50	327.90	310.70	307.20	321.80
6.5	441.90	545.20	572.70	584.40	490.60	378.30	320.70	309.40	307.60	323.00
7.0	397.50	527.20	569.00	586.70	489.90	372.20	314.70	309.60	309.70	325.20
7.5	348.00	500.10	562.70	588.20	489.20	366.40	310.30	311.30	312.60	327.40
8.0	300.70	463.00	554.10	589.00	488.60	360.60	307.60	313.70	315.40	329.60
8.5	262.10	420.90	543.00	588.90	487.70	354.90	306.20	316.10	318.40	331.80
9.0	235.40	374.30	527.00	588.20	486.90	349.40	305.70	318.50	321.30	334.00
9.5	217.20	327.90	506.70	586.80	486.00	343.80	306.30	320.80	324.20	336.20
10.0	209.60	287.50	478.10	585.30	485.10	338.40	307.70	323.10	326.90	338.40
10.5	206.50	258.10	446.80	583.40	484.50	333.10	309.40	325.20	329.60	340.50
11.0	203.50	236.50	412.70	581.20	483.40	328.10	311.10	327.40	332.20	342.40
11.5	200.70	221.90	375.80	578.90	482.60	323.70	312.70	329.40	334.60	344.40
12.0	197.90	218.00	339.10	576.20	481.50	320.10	314.40	331.40	337.00	346.30
12.5	195.10	215.00	305.40	573.10	480.50	317.00	316.00	333.50	339.10	348.20
13.0	192.60	212.20	276.70	569.20	479.60	314.70	317.60	335.50	341.30	350.00
13.5	190.00	209.30	255.30	564.50	478.70	313.10	319.10	337.50	343.30	351.70
14.0	187.50	206.60	238.10	559.50	477.90	312.10	320.60	339.60	345.20	353.50
14.5	185.00	203.80	224.80	553.50	476.60	311.50	322.30	341.60	347.10	355.10
15.0	182.50	201.10	218.60	546.50	475.40	311.20	323.90	343.50	349.10	356.70
15.5	180.10	198.40	216.10	538.10	474.20	311.00	325.70	345.50	351.00	358.20
16.0	177.60	195.90	213.80	528.30	472.80	310.90	327.50	347.30	353.00	359.80
16.5	175.10	193.40	211.50	517.60	471.40	311.20	329.40	349.20	354.80	361.30
17.0	172.60	190.90	209.20	504.50	470.30	311.50	331.30	350.90	356.70	362.70
17.5	170.10	188.40	207.10	488.70	469.00	311.90	333.10	352.50	358.60	364.10
18.0	167.70	185.90	204.80	471.00	467.60	312.10	335.00	354.20	360.50	365.50
18.5	165.30	183.60	202.60	452.90	466.00	312.20	336.70	355.70	362.20	366.70
19.0	163.10	181.10	200.50	434.40	464.10	312.30	338.40	357.30	363.90	368.10
19.5	161.00	178.70	198.30	415.10	462.40	312.30	340.00	358.70	365.60	369.30
20.0	158.80	176.30	196.20	394.50	460.50	312.30	341.60	360.20	367.20	370.50
20.5	156.90	173.90	194.10	373.00	458.80	312.20	343.00	361.50	368.80	371.70
21.0	154.80	171.60	191.90	351.50	456.80	312.20	344.20	362.80	370.30	372.70
21.5	152.70	169.40	189.90	330.50	454.80	312.00	345.10	364.10	371.70	373.80
22.0	150.70	167.30	187.80	310.60	452.70	311.70	345.90	365.30	373.00	374.90
22.5	148.70	165.20	185.70	292.10	450.20	311.30	346.70	366.50	374.20	375.80
23.0	146.70	163.30	183.60	274.90	447.70	310.90	347.40	367.60	375.30	376.80
23.5	144.70	161.30	181.50	260.50	445.50	310.40	348.10	368.70	376.40	377.60
24.0	142.80	159.30	179.50	248.20	442.80	309.80	348.70	369.70	377.50	378.40
24.5	140.80	157.20	177.30	237.40	440.30	309.30	349.30	370.70	378.50	379.20
25.0	138.90	155.20	175.10	227.70	437.80	308.60	349.80	371.70	379.40	379.90
25.5	137.10	153.20	173.00	219.00	435.30	308.10	350.20	372.60	380.40	380.50
26.0	135.40	151.20	170.80	211.80	433.10	307.50	350.40	373.60	381.20	381.00
26.5	133.70	149.20	168.70	208.10	430.70	306.90	350.60	374.40	381.90	381.60

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CANDELA TABULATION - (Cont.)

27.0	131.90	147.40	166.60	205.80	428.50	306.20	350.80	375.30	382.80	381.90
27.5	130.10	145.50	164.60	203.60	426.00	305.60	351.00	376.10	383.50	382.20
28.0	128.30	143.80	162.60	201.40	423.60	305.00	351.20	376.90	384.20	382.40
28.5	126.70	142.00	160.70	199.30	421.40	304.40	351.50	377.60	384.80	382.50
29.0	125.00	140.30	158.90	197.10	418.90	303.70	351.60	378.30	385.40	382.70
29.5	123.50	138.50	156.90	194.80	416.80	303.20	351.90	379.30	385.90	382.90
30.0	121.80	136.70	155.00	192.70	414.30	302.50	352.00	380.00	386.40	383.00
30.5	120.30	134.90	153.00	190.60	411.70	301.80	352.00	380.80	386.70	383.30
31.0	118.80	133.10	151.00	188.50	408.50	300.80	352.00	381.70	387.10	383.50
31.5	117.30	131.20	148.90	186.40	404.60	299.70	351.90	382.60	387.40	383.80
32.0	115.90	129.40	147.00	184.30	400.70	298.40	351.50	383.20	387.80	384.00
32.5	114.50	127.70	145.00	182.30	396.30	296.90	351.30	383.90	388.10	384.40
33.0	112.90	126.00	143.00	180.20	392.60	295.20	350.80	384.50	388.40	384.50
33.5	111.40	124.20	141.00	178.10	389.30	292.70	350.30	384.90	388.70	384.70
34.0	109.90	122.60	139.00	176.10	385.40	290.00	349.70	385.30	388.90	384.70
34.5	108.40	120.90	137.10	174.20	381.90	287.20	349.00	385.50	389.10	384.70
35.0	106.90	119.30	135.20	172.20	378.60	284.80	348.40	385.70	389.10	384.50
35.5	105.30	117.60	133.40	170.20	375.40	283.10	347.80	385.80	389.10	384.10
36.0	103.90	115.90	131.50	168.30	372.60	281.90	347.10	385.90	388.90	383.60
36.5	102.30	114.20	129.70	166.30	369.30	281.00	346.30	385.90	388.60	382.80
37.0	100.80	112.50	127.80	164.40	365.90	280.20	345.50	385.80	388.10	381.90
37.5	99.33	110.90	125.90	162.50	362.30	279.70	344.70	385.70	387.60	380.70
38.0	97.76	109.20	124.10	160.60	358.60	279.10	343.80	385.60	387.00	379.50
38.5	96.22	107.60	122.20	158.70	355.20	278.40	342.60	385.40	386.30	377.90
39.0	94.75	106.10	120.30	156.80	351.40	277.50	341.00	385.20	385.50	376.40
39.5	93.21	104.50	118.70	154.80	347.70	276.20	339.40	384.90	384.70	374.70
40.0	91.80	103.00	116.90	152.90	344.10	274.70	337.50	384.60	384.00	373.00
40.5	90.38	101.50	115.30	151.00	340.00	273.20	335.00	384.10	383.20	371.30
41.0	88.97	100.00	113.70	149.10	336.20	271.50	332.00	383.40	382.30	369.50
41.5	87.61	98.52	112.20	147.20	331.80	269.70	328.40	382.60	381.50	367.60
42.0	86.28	96.98	110.60	145.20	327.40	267.60	324.70	381.80	380.80	365.90
42.5	84.99	95.49	109.10	143.30	322.60	265.50	321.20	380.80	379.90	364.30
43.0	83.75	93.98	107.60	141.40	316.80	263.30	318.00	379.70	379.10	362.70
43.5	82.52	92.60	106.10	139.60	310.40	261.20	315.50	378.40	378.10	361.20
44.0	81.33	91.09	104.60	137.70	303.80	258.70	313.20	377.20	377.10	359.80
44.5	80.21	89.66	103.10	135.80	298.30	255.80	311.10	375.90	376.00	358.40
45.0	79.06	88.32	101.60	133.80	293.50	252.20	309.20	374.40	374.70	357.10
45.5	77.94	86.89	99.91	132.00	288.90	247.60	307.60	373.10	373.40	355.90
46.0	76.78	85.56	98.38	130.00	284.90	242.50	306.00	371.70	371.60	354.40
46.5	75.66	84.28	96.81	128.10	280.70	238.10	304.50	370.50	369.90	353.00
47.0	74.95	83.00	95.20	126.20	276.50	234.60	303.00	369.20	368.00	351.50
47.5	73.81	81.75	93.63	124.30	272.50	231.50	301.40	367.70	366.00	349.80
48.0	72.69	80.46	92.02	122.30	268.10	228.70	299.70	366.30	363.90	348.00
48.5	71.56	79.22	90.42	120.20	264.00	226.20	298.00	364.80	361.80	346.10
49.0	70.43	77.90	88.81	118.20	259.90	223.60	296.30	363.10	359.60	344.10
49.5	69.30	76.75	87.18	116.20	255.50	221.10	294.70	361.30	357.30	341.90
50.0	68.17	75.49	85.55	114.20	251.40	218.50	293.30	359.30	355.00	339.70
50.5	67.02	74.64	83.91	112.10	246.50	216.00	291.90	357.30	352.70	337.40
51.0	65.89	73.40	82.23	109.90	241.60	213.40	290.70	355.00	350.40	335.00
51.5	64.76	72.18	80.59	107.90	236.10	210.80	289.60	352.50	348.00	332.60
52.0	63.64	70.97	78.86	105.90	229.50	208.20	287.90	350.00	345.50	330.00
52.5	62.52	69.75	77.26	103.80	223.40	205.50	285.80	347.30	343.00	327.40
53.0	61.45	68.55	75.68	101.70	217.80	202.70	282.70	344.80	340.30	324.50
53.5	60.36	67.34	74.39	99.69	212.70	199.80	278.40	342.00	337.50	321.60
54.0	59.28	66.14	72.76	97.65	208.30	196.90	273.80	339.20	334.70	318.60
54.5	58.20	64.95	71.12	95.61	204.00	193.90	270.00	336.20	331.90	315.60

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55.0	57.13	63.79	69.49	93.57	200.10	190.80	266.90	333.30	328.80	312.50
55.5	56.07	62.62	67.91	91.45	195.50	187.60	264.00	330.20	325.80	309.30
56.0	55.01	61.48	66.31	89.37	190.50	184.50	261.10	327.20	322.80	306.10
56.5	53.95	60.33	64.74	87.24	186.00	181.30	258.10	323.90	319.60	302.80
57.0	52.86	59.17	63.18	85.17	181.10	178.00	255.00	320.60	316.40	299.40
57.5	51.75	58.03	61.60	83.13	175.90	174.60	251.80	317.00	313.20	296.00
58.0	50.63	56.90	60.09	81.07	169.90	171.20	248.40	313.20	309.80	292.50
58.5	49.49	55.80	58.59	79.07	162.90	167.80	244.90	309.20	306.30	289.10
59.0	48.36	54.71	57.09	77.05	157.10	164.30	241.40	305.20	302.70	285.60
59.5	47.22	53.61	55.67	75.07	151.90	161.00	237.70	301.20	299.00	281.80
60.0	46.09	52.50	54.19	73.42	147.50	157.50	233.90	296.30	295.20	277.90
60.5	44.97	51.38	52.79	71.39	143.30	154.10	230.10	290.60	291.30	274.00
61.0	43.84	50.24	51.38	69.34	138.60	150.60	226.10	284.50	287.30	270.10
61.5	42.72	49.10	49.99	67.28	134.00	147.20	222.10	278.50	283.10	265.90
62.0	41.59	47.96	48.68	65.23	128.80	143.70	218.00	272.90	279.20	261.90
62.5	40.46	46.81	47.34	63.16	121.70	140.40	213.90	267.80	274.80	257.60
63.0	39.34	45.66	46.04	61.11	116.00	136.90	209.80	262.80	270.60	253.40
63.5	38.19	44.51	44.75	59.05	111.30	133.40	205.50	258.20	266.00	249.00
64.0	37.02	43.35	43.46	56.98	107.10	129.80	201.30	253.80	261.50	244.40
64.5	35.84	42.18	42.21	54.95	103.30	126.20	197.10	249.20	256.70	239.80
65.0	34.64	40.98	40.97	52.98	98.70	122.80	192.70	244.40	251.90	234.80
65.5	33.40	39.77	39.75	50.98	92.62	119.20	188.50	239.70	246.80	230.10
66.0	32.14	38.55	38.53	48.96	87.39	115.60	184.10	234.90	242.00	225.20
66.5	30.84	37.32	37.28	46.95	83.41	112.10	179.60	229.90	236.90	220.10
67.0	29.52	36.05	36.03	44.95	79.71	108.50	175.00	224.80	231.90	214.70
67.5	28.17	34.78	34.77	42.98	75.75	104.90	170.30	219.70	226.50	209.50
68.0	26.84	33.49	33.53	41.03	71.15	101.40	165.70	214.40	221.40	204.00
68.5	25.55	32.17	32.28	39.08	66.75	97.78	160.90	209.10	215.40	198.20
69.0	24.29	30.85	31.04	37.17	63.17	94.19	156.00	203.30	209.90	192.60
69.5	23.12	29.50	29.84	35.28	59.86	90.53	151.10	197.80	204.00	186.50
70.0	22.14	28.12	28.64	33.41	56.02	86.89	146.10	191.60	198.30	180.80
70.5	21.26	26.73	27.45	31.62	52.30	83.28	141.00	185.60	191.90	174.60
71.0	20.36	25.33	26.27	29.79	49.22	79.75	136.00	179.50	185.30	168.60
71.5	19.49	23.96	25.10	28.07	46.01	76.25	130.80	173.00	177.90	162.40
72.0	18.62	22.73	23.97	26.35	42.83	73.04	125.50	166.60	170.90	155.00
72.5	17.75	21.67	22.82	24.67	40.07	69.55	120.30	158.90	164.30	148.60
73.0	16.90	20.72	21.67	23.05	37.21	66.04	115.10	152.00	155.50	141.70
73.5	16.05	19.78	20.51	21.47	34.58	62.51	109.80	145.20	147.10	134.20
74.0	15.23	18.86	19.35	19.91	32.06	59.02	104.50	137.10	138.70	126.30
74.5	14.42	17.95	18.18	18.44	29.64	55.50	99.29	129.00	129.80	118.30
75.0	13.63	17.05	16.98	17.01	27.33	52.05	93.87	120.90	120.00	110.60
75.5	12.85	16.16	15.77	15.65	25.07	48.67	88.45	112.40	108.50	101.80
76.0	12.09	15.28	14.64	14.37	22.90	45.36	82.86	103.10	98.75	91.93
76.5	11.35	14.42	13.68	13.17	20.83	42.09	77.32	92.92	86.23	83.19
77.0	10.63	13.57	12.80	12.03	18.84	38.94	72.32	83.09	74.34	73.42
77.5	9.92	12.75	11.93	10.95	16.92	35.82	66.53	72.87	64.30	62.86
78.0	9.24	11.93	11.09	9.93	15.10	32.75	60.58	61.80	50.57	53.44
78.5	8.57	11.14	10.28	8.99	13.35	29.79	55.25	51.84	41.94	43.58
79.0	7.94	10.38	9.50	8.12	11.71	26.92	49.18	41.69	31.89	34.17
79.5	7.32	9.63	8.73	7.30	10.16	24.14	43.24	32.42	24.62	27.21
80.0	6.74	8.90	7.99	6.54	8.72	21.45	37.21	25.25	19.30	20.72
80.5	6.17	8.20	7.28	5.82	7.38	18.86	31.20	18.88	14.63	15.95
81.0	5.63	7.53	6.61	5.16	6.13	16.36	25.38	14.26	11.81	12.43
81.5	5.12	6.89	5.97	4.53	4.99	14.04	20.20	11.03	9.57	9.82
82.0	4.65	6.27	5.37	3.93	3.96	11.74	15.11	8.82	7.72	7.64
82.5	4.21	5.69	4.80	3.35	3.06	9.59	11.16	6.95	6.50	6.33

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERLG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

83.0	3.80	5.14	4.26	2.85	2.28	7.64	7.78	5.74	5.34	5.08
83.5	3.42	4.63	3.76	2.40	1.63	5.91	5.91	4.62	4.41	4.10
84.0	3.08	4.15	3.29	2.00	1.11	4.37	4.17	3.71	3.65	3.28
84.5	2.76	3.71	2.86	1.63	0.71	3.06	3.18	3.01	2.90	2.53
85.0	2.45	3.29	2.46	1.31	0.40	2.02	2.36	2.31	2.24	2.00
85.5	2.16	2.93	2.08	1.03	0.19	1.26	1.77	1.81	1.82	1.68
86.0	1.87	2.56	1.73	0.77	0.05	0.78	1.28	1.54	1.59	1.17
86.5	1.38	2.20	1.41	0.54	0.00	0.48	0.96	1.16	1.01	0.47
87.0	0.66	1.87	1.09	0.33	0.00	0.27	0.69	0.46	0.33	0.00
87.5	0.08	1.38	0.74	0.13	0.00	0.10	0.21	0.00	0.00	0.00
88.0	0.00	0.62	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88.5	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	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 : MD4AERLG-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 : MD4AERLG-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 : MD4AERLG-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	451.80	477.80	492.00	487.40	486.60	491.60	493.50
1.0	435.90	467.50	491.70	495.70	500.40	509.80	514.40
1.5	422.10	458.00	491.30	503.00	511.80	524.50	530.60
2.0	408.80	448.80	490.90	509.80	521.10	534.80	541.50
2.5	396.60	440.20	490.40	515.50	527.70	541.20	547.60
3.0	385.20	432.40	490.00	520.70	532.10	543.70	549.00
3.5	374.90	424.90	489.40	525.10	534.00	542.70	546.90
4.0	365.00	417.80	489.00	528.80	534.00	540.10	543.30
4.5	355.30	410.70	488.40	531.60	532.40	535.70	537.00
5.0	346.50	403.80	487.70	533.50	529.90	527.20	525.20
5.5	338.50	397.00	487.10	534.60	526.80	514.30	507.80
6.0	331.90	390.60	486.40	535.30	521.60	494.90	481.40
6.5	326.60	384.30	485.70	535.50	513.80	465.90	441.90
7.0	323.00	378.40	485.00	535.00	503.80	427.60	397.50
7.5	320.90	372.40	484.30	533.90	489.60	385.10	348.00
8.0	319.80	366.50	483.40	532.50	471.50	339.70	300.70
8.5	319.60	360.80	482.50	530.90	446.20	296.80	262.10
9.0	320.40	355.10	481.50	529.10	416.00	262.10	235.40
9.5	321.60	349.40	480.50	527.10	383.80	237.40	217.20
10.0	322.80	343.80	479.50	524.40	349.00	218.90	209.60
10.5	324.20	338.80	478.30	521.00	314.40	209.80	206.50
11.0	325.30	334.00	477.10	516.40	282.90	206.70	203.50
11.5	326.50	329.70	475.80	510.90	256.90	203.90	200.70
12.0	327.70	325.70	474.60	504.60	237.50	201.20	197.90

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERLG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

12.5	328.80	322.30	473.20	497.20	221.90	198.60	195.10
13.0	329.90	318.90	472.20	488.00	210.20	196.00	192.60
13.5	331.00	316.30	470.80	477.60	205.50	193.40	190.00
14.0	332.10	314.00	469.60	465.30	203.20	191.10	187.50
14.5	333.10	312.30	468.10	450.00	201.10	188.60	185.00
15.0	333.90	310.90	466.70	432.80	199.00	186.30	182.50
15.5	334.70	309.80	464.90	415.00	197.00	184.00	180.10
16.0	335.40	308.90	463.40	396.70	194.80	181.70	177.60
16.5	336.10	308.20	462.10	377.40	192.80	179.40	175.10
17.0	336.80	307.70	460.60	357.40	190.90	177.20	172.60
17.5	337.50	307.50	459.30	337.20	189.00	174.90	170.10
18.0	338.00	307.40	458.00	317.10	187.10	172.70	167.70
18.5	338.50	307.20	456.50	297.60	185.20	170.40	165.30
19.0	339.10	307.10	454.90	279.60	183.30	168.10	163.10
19.5	339.50	306.80	452.90	263.00	181.40	165.90	161.00
20.0	340.00	306.40	451.20	249.40	179.60	163.70	158.80
20.5	340.30	306.20	449.30	238.00	177.80	161.60	156.90
21.0	340.70	305.70	447.60	228.30	175.90	159.70	154.80
21.5	341.10	305.30	445.90	219.40	174.00	157.70	152.70
22.0	341.40	304.70	444.00	212.00	172.20	155.80	150.70
22.5	341.70	304.20	442.20	206.00	170.20	153.90	148.70
23.0	342.00	303.50	440.10	203.20	168.30	152.00	146.70
23.5	342.20	302.90	438.10	201.50	166.40	150.10	144.70
24.0	342.40	302.10	436.20	199.80	164.50	148.20	142.80
24.5	342.60	301.50	434.20	198.10	162.60	146.40	140.80
25.0	342.80	300.70	432.30	196.40	160.80	144.50	138.90
25.5	342.80	299.90	430.10	194.80	159.00	142.60	137.10
26.0	342.90	299.10	427.90	193.10	157.20	140.70	135.40
26.5	342.90	298.30	425.50	191.50	155.60	138.90	133.70
27.0	342.80	297.50	423.00	189.90	153.90	137.20	131.90
27.5	342.70	296.50	420.50	188.20	152.30	135.50	130.10
28.0	342.70	295.70	417.80	186.50	150.60	133.90	128.30
28.5	342.60	294.80	415.40	184.80	148.90	132.20	126.70
29.0	342.30	293.90	412.80	183.20	147.20	130.60	125.00
29.5	342.20	293.00	409.80	181.50	145.50	128.90	123.50
30.0	341.90	292.10	406.90	179.90	143.80	127.30	121.80
30.5	341.50	291.20	404.10	178.30	142.30	125.80	120.30
31.0	341.10	290.30	401.40	176.70	140.70	124.20	118.80
31.5	340.60	289.40	399.00	175.10	139.10	122.70	117.30
32.0	340.00	288.30	396.60	173.60	137.60	121.30	115.90
32.5	339.40	287.30	394.20	172.10	136.00	119.80	114.50
33.0	338.60	286.20	392.00	170.50	134.60	118.30	112.90
33.5	337.90	284.90	389.70	169.00	133.20	116.80	111.40
34.0	337.20	283.70	387.00	167.50	131.70	115.40	109.90
34.5	336.50	282.20	384.30	166.00	130.30	114.00	108.40
35.0	335.60	280.70	381.60	164.50	128.80	112.50	106.90
35.5	334.70	279.20	378.90	162.90	127.40	111.00	105.30
36.0	333.80	277.50	375.80	161.30	125.80	109.50	103.90
36.5	332.90	275.80	372.80	159.70	124.20	108.10	102.30
37.0	331.80	274.00	369.90	158.10	122.70	106.60	100.80
37.5	330.60	272.20	367.10	156.40	121.20	105.10	99.33
38.0	329.50	270.40	364.50	154.70	119.70	103.60	97.76
38.5	328.10	268.50	361.50	153.00	118.10	102.10	96.22
39.0	326.60	266.60	358.70	151.30	116.60	100.60	94.75
39.5	324.90	264.60	355.50	149.50	115.10	99.18	93.21
40.0	323.10	262.70	352.20	147.80	113.40	97.57	91.80

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MD4AERLG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES****CANDELA TABULATION - (Cont.)**

40.5	321.20	260.60	348.90	146.00	111.90	96.08	90.38
41.0	319.10	258.50	345.50	144.30	110.20	94.56	88.97
41.5	317.00	256.30	341.90	142.60	108.70	93.03	87.61
42.0	314.80	253.90	338.20	140.80	107.00	91.47	86.28
42.5	312.60	251.50	334.10	139.00	105.30	90.07	84.99
43.0	310.40	249.10	330.30	137.30	103.60	88.65	83.75
43.5	308.20	246.50	326.30	135.40	101.90	87.26	82.52
44.0	306.00	244.00	322.50	133.60	100.30	85.82	81.33
44.5	303.90	241.30	318.60	131.60	98.68	84.43	80.21
45.0	301.80	238.70	314.40	129.80	97.07	83.18	79.06
45.5	299.80	236.10	310.00	127.80	95.50	81.93	77.94
46.0	297.90	233.50	305.50	126.00	93.97	80.75	76.78
46.5	295.90	231.20	301.30	124.20	92.49	79.49	75.66
47.0	293.90	228.80	297.40	122.50	90.93	78.30	74.95
47.5	291.90	226.30	293.90	120.80	89.51	77.07	73.81
48.0	289.90	223.90	290.50	119.10	88.00	75.81	72.69
48.5	287.80	221.60	287.30	117.40	86.56	74.94	71.56
49.0	285.80	219.20	283.80	115.80	85.01	73.82	70.43
49.5	283.60	216.90	280.20	114.20	83.54	72.60	69.30
50.0	281.40	214.50	276.60	112.40	82.04	71.42	68.17
50.5	279.20	212.10	273.00	110.70	80.49	70.18	67.02
51.0	277.00	209.80	269.20	109.00	79.03	69.00	65.89
51.5	274.80	207.40	265.40	107.20	77.51	67.82	64.76
52.0	272.60	205.00	261.50	105.30	75.96	66.64	63.64
52.5	270.50	202.50	257.80	103.40	74.90	65.47	62.52
53.0	268.30	200.00	254.00	101.60	73.43	64.29	61.45
53.5	266.00	197.60	249.90	99.70	71.98	63.11	60.36
54.0	263.60	195.20	245.90	97.89	70.53	61.95	59.28
54.5	261.20	192.70	242.40	96.02	69.12	60.81	58.20
55.0	258.60	190.20	238.90	94.25	67.67	59.66	57.13
55.5	255.80	187.80	235.70	92.38	66.24	58.50	56.07
56.0	253.00	185.20	231.90	90.59	64.81	57.39	55.01
56.5	250.10	182.60	227.60	88.77	63.38	56.25	53.95
57.0	247.10	179.90	223.60	87.00	61.95	55.12	52.86
57.5	244.00	177.20	219.60	85.18	60.53	53.98	51.75
58.0	240.80	174.50	215.30	83.32	59.12	52.83	50.63
58.5	237.70	171.70	211.30	81.55	57.70	51.68	49.49
59.0	234.40	168.80	206.70	79.67	56.28	50.51	48.36
59.5	231.00	165.90	202.20	77.73	54.89	49.35	47.22
60.0	227.60	163.10	198.20	75.78	53.52	48.18	46.09
60.5	224.10	160.10	194.50	74.26	52.15	47.03	44.97
61.0	220.50	157.20	189.90	72.31	50.78	45.85	43.84
61.5	216.80	154.30	185.10	70.37	49.46	44.69	42.72
62.0	213.10	151.30	180.50	68.43	48.15	43.54	41.59
62.5	209.30	148.40	175.70	66.50	46.87	42.39	40.46
63.0	205.50	145.50	171.30	64.59	45.63	41.25	39.34
63.5	201.50	142.50	166.60	62.67	44.39	40.09	38.19
64.0	197.60	139.40	162.20	60.71	43.18	38.93	37.02
64.5	193.80	136.40	158.20	58.74	41.98	37.75	35.84
65.0	189.60	133.30	153.30	56.82	40.79	36.57	34.64
65.5	185.60	130.30	149.20	54.92	39.60	35.37	33.40
66.0	181.50	127.20	144.40	53.03	38.41	34.14	32.14
66.5	177.20	124.10	139.90	51.18	37.19	32.90	30.84
67.0	172.80	121.00	135.40	49.34	35.95	31.63	29.52
67.5	168.50	118.00	131.40	47.52	34.73	30.36	28.17
68.0	164.10	114.80	127.00	45.73	33.48	29.08	26.84

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MD4AERLG-4-L26-L66-840-A-DIM-UNV READING ONLY.IES

CANDELA TABULATION - (Cont.)

68.5	159.60	111.70	122.20	43.98	32.25	27.75	25.55
69.0	155.00	108.50	117.90	42.24	31.02	26.40	24.29
69.5	150.50	105.30	113.30	40.51	29.78	25.06	23.12
70.0	145.70	101.90	109.60	38.80	28.53	23.78	22.14
70.5	141.10	98.74	105.20	37.10	27.28	22.52	21.26
71.0	136.40	95.34	100.80	35.42	26.02	21.36	20.36
71.5	131.70	92.03	96.61	33.77	24.77	20.38	19.49
72.0	126.90	88.59	92.65	32.13	23.53	19.49	18.62
72.5	122.10	85.17	88.30	30.51	22.27	18.61	17.75
73.0	117.20	81.80	84.01	28.92	21.01	17.72	16.90
73.5	112.40	78.42	80.09	27.39	19.74	16.84	16.05
74.0	107.40	75.24	76.12	25.91	18.46	15.99	15.23
74.5	102.50	72.06	72.25	24.45	17.22	15.14	14.42
75.0	97.52	68.73	68.54	23.05	16.04	14.31	13.63
75.5	92.65	65.41	64.55	21.68	14.99	13.50	12.85
76.0	87.62	62.11	60.90	20.33	14.09	12.71	12.09
76.5	82.36	58.83	57.26	19.01	13.23	11.93	11.35
77.0	77.28	55.59	53.64	17.73	12.39	11.17	10.63
77.5	72.54	52.39	50.13	16.47	11.57	10.43	9.92
78.0	66.84	49.24	46.67	15.25	10.76	9.72	9.24
78.5	61.56	46.15	43.13	14.09	9.99	9.02	8.57
79.0	55.96	43.09	39.73	12.92	9.25	8.36	7.94
79.5	50.04	40.10	36.21	11.81	8.51	7.72	7.32
80.0	44.10	37.12	32.72	10.74	7.82	7.11	6.74
80.5	38.18	34.17	29.35	9.70	7.15	6.51	6.17
81.0	32.26	31.30	26.00	8.65	6.51	5.95	5.63
81.5	26.63	28.48	22.52	7.64	5.91	5.41	5.12
82.0	20.90	25.74	19.33	6.75	5.34	4.91	4.65
82.5	16.00	23.08	16.54	6.00	4.80	4.44	4.21
83.0	11.95	20.46	14.16	5.31	4.30	4.01	3.80
83.5	8.99	17.94	12.24	4.66	3.82	3.61	3.42
84.0	6.55	15.43	10.63	4.06	3.38	3.24	3.08
84.5	4.91	13.06	9.29	3.50	2.99	2.89	2.76
85.0	3.61	10.72	8.04	2.99	2.63	2.58	2.45
85.5	2.67	8.47	6.92	2.53	2.30	2.29	2.16
86.0	1.94	6.44	5.89	2.12	2.01	2.00	1.87
86.5	1.44	4.60	4.95	1.75	1.75	1.73	1.38
87.0	0.96	3.10	4.08	1.43	1.48	1.34	0.66
87.5	0.23	2.05	3.26	1.15	1.23	0.65	0.08
88.0	0.00	1.27	2.42	0.90	0.77	0.08	0.00
88.5	0.00	0.66	1.61	0.66	0.10	0.00	0.00
89.0	0.00	0.00	0.98	0.26	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 : MD4AERLG-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 : MD4AERLG-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 : MD4AERLG-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 : MD4AERLG-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 : MD4AERLG-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 : MD4AERLG-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	7.3	9.0	7.7	9.3	9.6	13.9	15.5	14.3	15.8	16.1
	3H	8.6	10.1	9.0	10.4	10.8	15.1	16.6	15.5	16.9	17.2
	4H	8.9	10.3	9.3	10.7	11.0	15.3	16.7	15.7	17.1	17.4
	6H	9.1	10.4	9.5	10.8	11.2	15.4	16.7	15.8	17.0	17.4
	8H	9.2	10.4	9.6	10.8	11.2	15.4	16.6	15.8	17.0	17.4
	12H	9.2	10.3	9.6	10.7	11.1	15.4	16.5	15.8	16.9	17.3

UGR Viewed Endwise

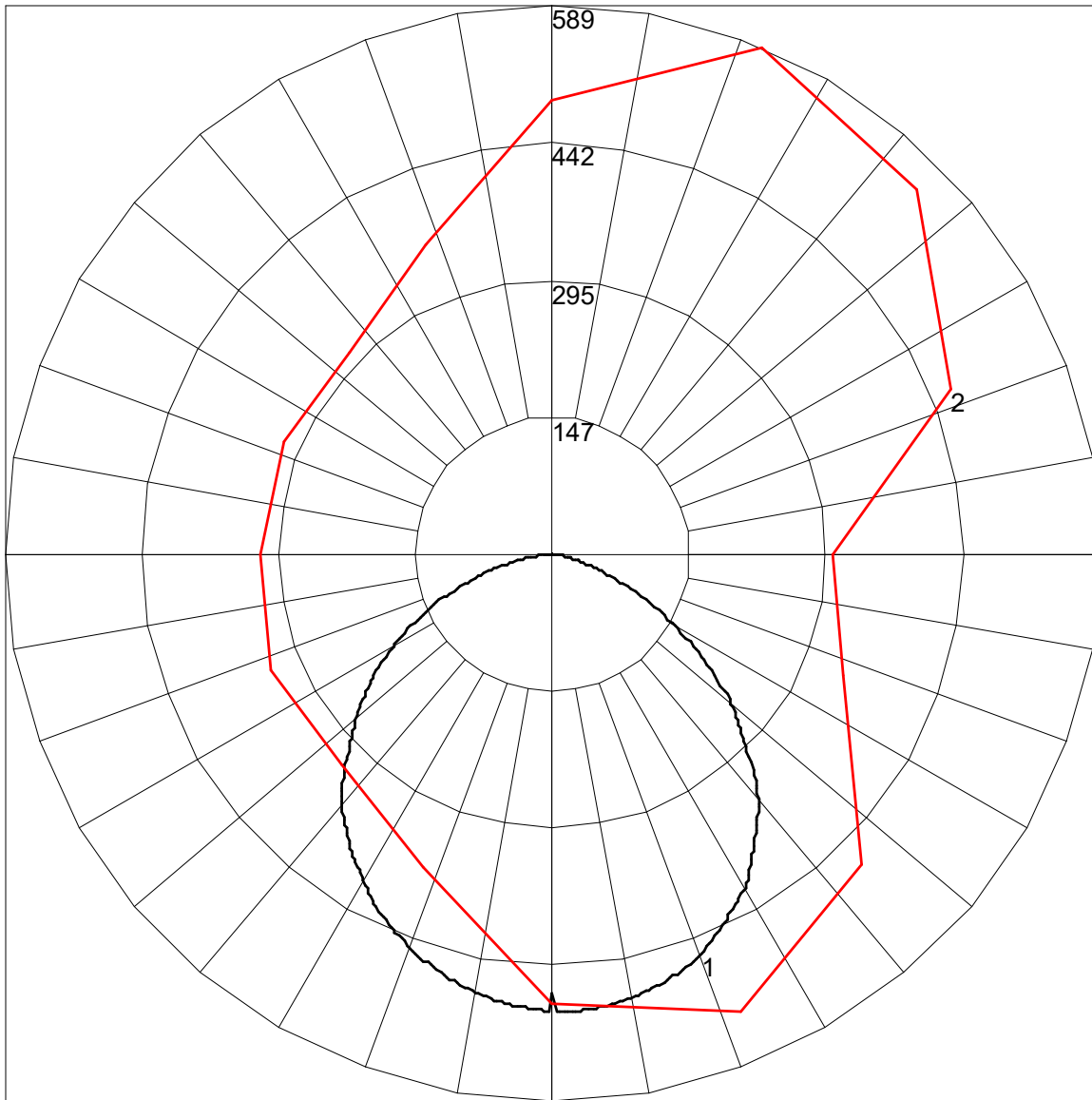
4H	2H	8.0	9.3	8.4	9.7	10.1	15.0	16.4	15.4	16.8	17.1
	3H	9.4	10.6	9.8	11.0	11.4	16.4	17.6	16.8	18.0	18.4
	4H	9.9	10.9	10.3	11.3	11.8	16.7	17.8	17.2	18.2	18.6
	6H	10.2	11.0	10.6	11.5	11.9	16.8	17.7	17.3	18.2	18.6
	8H	10.2	11.0	10.7	11.5	12.0	16.8	17.7	17.3	18.1	18.6
	12H	10.2	11.0	10.7	11.5	11.9	16.8	17.6	17.3	18.0	18.5

8H	4H	10.1	11.0	10.6	11.4	11.9	17.3	18.1	17.8	18.6	19.0
	6H	10.5	11.2	11.0	11.6	12.1	17.5	18.1	18.0	18.6	19.1
	8H	10.5	11.2	11.1	11.7	12.2	17.4	18.1	17.9	18.6	19.1
	12H	10.6	11.2	11.1	11.7	12.2	17.4	18.0	17.9	18.5	19.0

12H	4H	10.1	10.9	10.6	11.4	11.8	17.3	18.1	17.8	18.5	19.0
	6H	10.5	11.1	11.0	11.6	12.1	17.5	18.1	18.0	18.6	19.1
	8H	10.6	11.1	11.1	11.6	12.2	17.5	18.0	18.0	18.5	19.1

Maximum UGR = 19.1

POLAR GRAPH



Maximum Candela = 589 Located At Horizontal Angle = 67.5, Vertical Angle = 8
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (8) (Through Max. Cd.)