



## IES ROAD REPORT

PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995  
 [TEST] s17050021h-01  
 [TESTLAB] LEADING TESTING LABORATORIES  
 [ISSUEDATE] 2017-07-21 17:02:23  
 [MANUFAC] LumenFocus, LLC  
 [LUMCAT] ALL MD 4 UV 850  
 [LUMINAIRE] ALL WITH ONE 167W LED ARRAY, TYPE IV OPTICS, CLEAR GLASS LENS

### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	22118
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	178.78
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	15338.38
Maximum Candela Angle	32.5H 65V
Maximum Candela (<90 Degrees Vertical)	15338.38
Maximum Candela Angle (<90 Degrees Vertical)	32.5H 65V
Maximum Candela At 90 Degrees Vertical	5.69 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2237.34 (10.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1049.1	N.A.	4.7
FM - Front-Medium (30-60)	8585.2	N.A.	38.8
FH - Front-High (60-80)	8769.2	N.A.	39.6
FVH - Front-Very High (80-90)	120.7	N.A.	0.5
BL - Back-Low (0-30)	568.6	N.A.	2.6
BM - Back-Medium (30-60)	1459.7	N.A.	6.6
BH - Back-High (60-80)	1427.3	N.A.	6.5
BVH - Back-Very High (80-90)	138.4	N.A.	0.6
UL - Uplight-Low (90-100)	0.1	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0

Total	22118.3	N.A.	100.0
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BUG Rating	B3-U1-G4
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**CANDELA TABULATION**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>0.0</b></u>	<u><b>2.5</b></u>	<u><b>5.0</b></u>	<u><b>7.5</b></u>	<u><b>10.0</b></u>	<u><b>12.5</b></u>	<u><b>15.0</b></u>	<u><b>17.5</b></u>	<u><b>20.0</b></u>	<u><b>22.5</b></u>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1472.28	1472.31	1471.67	1470.91	1472.35	1472.20	1471.62	1471.63	1470.96	1469.65
<b>5.0</b>	1533.27	1532.00	1531.75	1531.22	1530.48	1529.79	1531.05	1530.80	1530.37	1529.78
<b>7.5</b>	1626.69	1626.04	1626.07	1626.56	1624.96	1624.11	1623.60	1626.99	1626.56	1626.74
<b>10.0</b>	1773.24	1771.84	1771.28	1772.00	1770.31	1768.15	1766.69	1771.18	1769.10	1768.08
<b>12.5</b>	1946.14	1943.81	1942.51	1943.44	1941.07	1936.76	1934.95	1939.54	1935.73	1932.91
<b>15.0</b>	2123.77	2120.75	2118.71	2119.42	2117.25	2112.43	2109.39	2114.62	2108.85	2104.13
<b>17.5</b>	2356.06	2351.33	2347.47	2346.64	2342.11	2332.94	2325.83	2330.58	2320.85	2310.60
<b>20.0</b>	2672.51	2664.77	2658.08	2655.77	2648.50	2633.27	2620.34	2622.63	2608.00	2591.49
<b>22.5</b>	3051.18	3040.78	3031.26	3026.01	3015.48	2994.59	2976.03	2974.49	2953.73	2929.29
<b>25.0</b>	3448.78	3437.06	3425.85	3417.52	3404.48	3380.47	3358.03	3337.52	3329.34	3301.52
<b>27.5</b>	3872.42	3857.28	3842.57	3830.68	3813.84	3783.53	3755.00	3729.09	3718.15	3686.84
<b>30.0</b>	4350.24	4332.35	4314.08	4293.10	4267.54	4227.66	4188.68	4151.26	4132.74	4093.04
<b>32.5</b>	4927.42	4900.64	4873.64	4844.93	4808.94	4747.23	4688.77	4636.93	4606.87	4549.69
<b>35.0</b>	5645.77	5612.58	5578.51	5536.58	5483.13	5383.71	5293.61	5225.23	5178.96	5091.93
<b>37.5</b>	6519.76	6462.71	6406.85	6362.60	6304.01	6181.58	6067.56	5975.82	5904.68	5772.70
<b>40.0</b>	7260.62	7240.37	7218.04	7173.05	7115.94	6998.67	6889.70	6805.42	6725.47	6549.49
<b>42.5</b>	7731.53	7713.14	7694.01	7666.00	7633.68	7577.61	7515.77	7434.50	7341.53	7145.70
<b>45.0</b>	8135.77	8112.58	8088.33	8050.11	8011.57	7971.00	7925.83	7863.36	7800.65	7676.24
<b>47.5</b>	8643.52	8608.30	8570.98	8503.43	8434.32	8354.65	8278.25	8215.40	8159.60	8054.61
<b>50.0</b>	9239.10	9194.79	9148.78	9075.85	8998.21	8885.60	8778.51	8696.96	8639.14	8530.91
<b>52.5</b>	10211.09	10152.25	10092.79	10022.52	9945.32	9811.33	9680.25	9564.01	9498.78	9368.18
<b>55.0</b>	11298.63	11202.75	11107.84	11031.34	10952.47	10852.08	10757.78	10698.30	10670.45	10562.51
<b>57.5</b>	13292.78	13196.88	13101.87	13025.37	12936.54	12724.14	12506.37	12254.04	12108.56	11833.67
<b>60.0</b>	14013.32	13991.13	13970.54	13986.82	14004.40	14036.58	14061.87	14038.16	14042.86	13864.33
<b>62.5</b>	13932.40	13931.50	13930.63	13983.91	14040.80	14166.31	14290.33	14402.65	14532.90	14697.60
<b>65.0</b>	13072.93	13134.57	13194.13	13310.26	13431.06	13669.66	13906.82	14131.46	14332.61	14605.27
<b>67.5</b>	9442.06	9704.10	9958.25	10290.97	10634.60	11302.53	11964.85	12571.02	13029.50	13584.95
<b>70.0</b>	5167.90	5360.95	5548.87	5798.04	6061.67	6699.63	7347.42	8110.85	8689.97	9889.17
<b>72.5</b>	2347.77	2424.22	2498.89	2618.59	2744.90	3064.08	3396.81	3913.53	4253.71	4969.88
<b>75.0</b>	1173.00	1246.38	1318.29	1329.18	1339.44	1510.66	1671.73	1775.19	1831.61	2033.13
<b>77.5</b>	629.67	646.98	664.00	696.44	727.28	808.57	885.71	933.22	952.76	1058.88
<b>80.0</b>	292.34	313.25	333.88	355.05	375.38	421.88	466.85	504.28	525.91	573.86
<b>82.5</b>	135.98	150.68	165.22	174.47	183.44	207.34	230.03	248.04	255.44	282.58
<b>85.0</b>	51.44	52.56	53.68	58.36	62.94	69.21	75.25	80.11	77.17	93.90
<b>87.5</b>	8.25	8.82	9.39	9.56	9.72	14.73	19.63	15.67	11.10	15.89
<b>90.0</b>	0.67	0.60	0.54	0.55	0.56	0.52	0.49	1.21	1.59	0.99
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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
167.5	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
172.5	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
177.5	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.  
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>
0.0	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1468.13	1468.84	1468.46	1468.09	1467.73	1466.64	1464.55	1462.57	1461.82	1460.86
5.0	1529.33	1527.76	1526.59	1525.49	1522.17	1521.97	1520.73	1517.73	1514.90	1512.23
7.5	1624.81	1623.83	1623.82	1620.88	1618.11	1614.33	1612.70	1608.69	1605.25	1601.29
10.0	1766.67	1763.53	1761.95	1761.44	1756.83	1752.47	1746.15	1745.56	1739.22	1733.68
12.5	1931.00	1926.38	1921.55	1919.00	1915.06	1908.20	1900.58	1899.25	1891.67	1883.20
15.0	2101.19	2096.02	2088.51	2082.68	2077.53	2068.29	2057.41	2046.96	2044.55	2034.15
17.5	2303.25	2294.11	2279.70	2266.75	2255.42	2240.98	2223.49	2207.36	2201.50	2186.57
20.0	2577.57	2562.88	2538.95	2515.95	2495.05	2469.99	2438.27	2405.58	2387.71	2362.03
22.5	2908.60	2888.91	2858.43	2828.04	2798.33	2765.70	2723.50	2676.08	2646.27	2605.05
25.0	3278.06	3256.73	3222.50	3186.66	3151.36	3114.52	3063.35	3005.34	2968.82	2919.53
27.5	3661.51	3639.30	3605.92	3569.90	3533.98	3498.55	3445.11	3383.79	3347.21	3298.72
30.0	4062.86	4039.56	4008.41	3974.21	3939.70	3905.71	3858.55	3801.36	3770.36	3730.07
32.5	4508.24	4480.23	4449.47	4418.23	4389.07	4360.88	4319.75	4266.31	4245.13	4216.52
35.0	5025.05	4978.75	4935.94	4896.20	4871.16	4854.15	4825.35	4783.21	4778.28	4767.65
37.5	5659.01	5566.83	5483.27	5407.30	5372.80	5366.79	5360.09	5343.58	5365.46	5383.41
40.0	6384.98	6235.49	6101.89	5984.92	5929.84	5926.29	5937.37	5946.51	5997.32	6046.14
42.5	6982.87	6875.59	6757.64	6624.46	6558.31	6556.89	6579.64	6609.57	6677.64	6743.43
45.0	7555.35	7439.66	7331.78	7235.57	7196.32	7220.83	7261.88	7306.55	7391.65	7477.60
47.5	7961.54	7895.43	7841.58	7806.90	7819.71	7893.80	7971.41	8040.15	8146.49	8253.30
50.0	8448.97	8429.66	8424.02	8444.00	8501.94	8619.37	8732.56	8826.02	8953.56	9076.47
52.5	9266.34	9243.51	9230.83	9241.57	9295.99	9427.16	9554.99	9666.27	9771.16	9935.68
55.0	10466.28	10386.88	10318.03	10271.06	10270.45	10368.08	10470.18	10567.48	10661.35	10821.08
57.5	11609.07	11575.59	11533.88	11503.48	11491.73	11498.02	11517.06	11554.51	11592.44	11700.04
60.0	13670.62	13375.85	13088.74	12784.81	12575.01	12666.37	12707.41	12615.79	12433.86	12100.69
62.5	14826.32	14794.80	14744.04	14574.06	14358.02	13948.40	13529.73	13107.05	12727.40	12507.60
65.0	14871.11	15086.31	15274.41	15338.38	15244.05	14617.00	14057.92	13662.18	13356.11	13351.03
67.5	14117.61	14412.25	14601.81	14294.68	14056.49	14119.20	14192.77	14244.38	14237.02	14059.06
70.0	10985.93	11459.41	11933.30	12369.40	12812.89	13105.35	13395.06	13672.06	13921.99	13970.00
72.5	5673.17	6383.57	7166.98	8526.67	9813.38	10667.56	11456.22	11823.34	12132.40	11847.16
75.0	2269.38	2823.20	3364.16	4065.70	4773.19	5673.33	6538.45	7442.52	8318.13	8499.69
77.5	1167.52	1306.05	1457.64	1784.89	2103.53	2415.55	2764.19	3580.41	4376.25	4619.19

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**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	619.81	656.00	698.14	810.07	917.37	1043.96	1179.72	1541.03	1905.47	2055.00
<b>82.5</b>	308.66	315.58	323.07	362.62	402.07	462.04	523.45	639.20	757.65	797.70
<b>85.0</b>	108.67	108.07	108.04	125.47	141.25	144.76	150.00	212.12	273.91	244.33
<b>87.5</b>	19.66	17.65	15.94	22.43	28.08	25.74	23.68	31.05	38.67	31.40
<b>90.0</b>	0.48	1.68	2.73	1.63	0.61	1.61	2.46	1.51	0.69	2.73
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>137.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>140.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>142.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>145.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>152.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>155.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>157.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>160.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</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**

	<u><b>50.0</b></u>	<u><b>52.5</b></u>	<u><b>55.0</b></u>	<u><b>57.5</b></u>	<u><b>60.0</b></u>	<u><b>62.5</b></u>	<u><b>65.0</b></u>	<u><b>67.5</b></u>	<u><b>70.0</b></u>	<u><b>72.5</b></u>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1460.45	1460.33	1459.03	1456.51	1454.24	1452.23	1450.27	1448.39	1446.59	1445.23
<b>5.0</b>	1508.55	1505.51	1503.05	1500.15	1496.24	1492.70	1489.69	1486.38	1481.24	1476.74
<b>7.5</b>	1595.53	1589.74	1582.11	1577.92	1570.59	1563.93	1557.11	1548.93	1539.21	1534.44
<b>10.0</b>	1728.39	1719.35	1710.10	1697.11	1691.39	1678.76	1666.60	1655.20	1641.88	1623.56
<b>12.5</b>	1875.95	1868.29	1856.83	1842.78	1833.80	1820.33	1804.10	1788.61	1773.73	1753.33
<b>15.0</b>	2024.36	2015.13	2003.76	1989.70	1978.23	1965.49	1948.15	1929.84	1911.91	1893.05
<b>17.5</b>	2171.75	2160.23	2147.96	2132.49	2113.64	2103.98	2087.32	2067.13	2047.34	2027.98
<b>20.0</b>	2335.72	2316.05	2297.35	2276.74	2251.69	2237.90	2219.64	2197.77	2175.80	2154.47
<b>22.5</b>	2560.12	2520.47	2483.94	2448.11	2407.65	2381.85	2353.08	2325.20	2297.04	2272.36
<b>25.0</b>	2861.32	2804.27	2748.73	2690.16	2622.43	2573.54	2523.32	2475.72	2429.50	2391.92

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

27.5	3235.36	3171.19	3102.83	3027.27	2930.91	2851.75	2769.32	2688.65	2610.43	2541.49
30.0	3670.86	3611.02	3540.85	3462.30	3341.62	3236.70	3118.81	2998.30	2873.57	2756.72
32.5	4169.50	4125.37	4059.70	3992.45	3858.77	3740.62	3589.74	3432.90	3255.89	3082.09
35.0	4738.04	4706.84	4657.58	4608.86	4469.25	4348.20	4167.42	3981.46	3749.80	3517.03
37.5	5375.64	5363.47	5329.96	5293.93	5163.57	5046.20	4842.34	4634.33	4344.53	4053.04
40.0	6064.45	6073.88	6062.33	6045.64	5932.30	5823.78	5612.18	5385.70	5043.02	4684.88
42.5	6782.59	6808.69	6816.11	6818.18	6725.80	6625.82	6421.75	6194.31	5823.47	5421.64
45.0	7536.17	7578.84	7596.04	7599.46	7519.30	7424.07	7231.32	7007.12	6635.01	6215.76
47.5	8329.82	8381.91	8404.43	8408.86	8331.96	8230.18	8046.30	7825.31	7463.67	7042.04
50.0	9164.59	9219.88	9245.43	9247.96	9170.11	9055.70	8869.76	8642.17	8284.94	7854.14
52.5	10029.35	10082.99	10104.77	10095.84	10006.65	9836.13	9630.25	9319.07	8889.12	8380.90
55.0	10906.20	10940.04	10905.21	10780.07	10534.43	10175.83	9789.83	9393.14	8978.77	8553.78
57.5	11655.78	11430.06	11149.44	10823.59	10526.77	10261.73	10032.32	9782.98	9487.43	9144.73
60.0	11770.25	11506.18	11302.22	11173.97	11006.06	10770.57	10555.29	10307.82	10037.33	9739.95
62.5	12317.65	12137.74	11951.78	11763.46	11549.06	11286.68	11066.53	10837.47	10603.91	10363.52
65.0	13239.51	12988.51	12733.10	12445.66	12150.13	11841.65	11583.36	11345.16	11129.59	10958.19
67.5	13901.59	13791.54	13610.98	13249.81	12893.10	12508.96	12167.13	11871.52	11628.36	11493.27
70.0	13981.55	13721.43	13482.29	13367.11	13180.12	12726.81	12312.25	12005.31	11728.89	11534.49
72.5	11712.71	11633.27	11556.49	11422.00	11333.34	11150.70	11388.49	10872.67	10386.58	9990.77
75.0	8786.90	8808.16	8736.73	8258.24	7800.56	7624.65	7081.72	6608.55	6147.13	5666.48
77.5	4929.46	4937.62	4901.25	4518.91	4134.59	3766.34	3222.22	2657.61	2092.75	1743.51
80.0	2213.58	2237.34	2219.95	1849.54	1488.40	1216.83	878.12	656.60	467.77	361.44
82.5	840.45	788.93	731.16	590.64	459.71	361.10	250.73	196.31	151.12	148.20
85.0	221.35	194.40	170.56	119.82	77.74	75.00	66.27	60.83	56.90	56.93
87.5	26.38	22.37	19.28	19.17	17.81	17.79	17.03	17.83	18.76	18.13
90.0	4.63	3.12	1.43	3.49	5.69	4.66	2.71	3.22	4.04	4.09
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

	<b>75.0</b>	<b>77.5</b>	<b>80.0</b>	<b>82.5</b>	<b>85.0</b>	<b>87.5</b>	<b>90.0</b>	<b>92.5</b>	<b>95.0</b>	<b>97.5</b>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1443.83	1442.17	1440.22	1438.20	1436.68	1434.50	1432.60	1430.63	1428.79	1426.90
<b>5.0</b>	1473.38	1469.59	1464.59	1460.20	1456.14	1451.83	1447.34	1442.84	1438.52	1434.25
<b>7.5</b>	1527.45	1517.79	1508.11	1500.61	1492.00	1485.31	1477.30	1468.89	1460.32	1452.20
<b>10.0</b>	1612.80	1599.03	1584.13	1568.17	1552.88	1539.96	1525.84	1511.28	1497.47	1484.84
<b>12.5</b>	1735.31	1715.66	1696.18	1674.15	1650.64	1626.17	1607.02	1584.48	1561.23	1539.54
<b>15.0</b>	1870.91	1847.28	1823.52	1799.62	1770.58	1739.70	1712.30	1682.85	1650.82	1618.12
<b>17.5</b>	2001.49	1980.08	1953.57	1926.38	1895.83	1861.39	1828.49	1794.02	1756.22	1715.04
<b>20.0</b>	2128.89	2105.28	2077.84	2048.88	2018.60	1981.89	1941.48	1906.36	1865.77	1816.62
<b>22.5</b>	2245.56	2220.11	2191.74	2161.91	2132.02	2094.22	2052.69	2013.01	1969.75	1915.49
<b>25.0</b>	2356.06	2325.67	2293.26	2260.98	2228.96	2190.85	2147.82	2104.54	2057.21	1999.96
<b>27.5</b>	2479.97	2431.11	2386.56	2345.53	2308.55	2267.80	2222.18	2176.00	2125.06	2065.51
<b>30.0</b>	2655.36	2568.54	2493.52	2428.05	2381.16	2333.55	2284.33	2234.79	2179.04	2116.50
<b>32.5</b>	2923.37	2778.41	2652.88	2538.53	2465.96	2396.29	2339.61	2283.59	2221.91	2155.48
<b>35.0</b>	3293.20	3078.63	2884.41	2698.11	2580.31	2465.99	2394.93	2324.99	2255.41	2183.44
<b>37.5</b>	3754.29	3473.76	3193.32	2921.23	2740.09	2557.32	2458.78	2364.60	2282.98	2205.45
<b>40.0</b>	4310.50	3940.33	3578.76	3213.99	2949.69	2684.06	2537.89	2397.42	2304.08	2212.46
<b>42.5</b>	4967.99	4511.41	4051.41	3587.62	3221.57	2862.30	2640.33	2438.92	2319.09	2210.57
<b>45.0</b>	5717.22	5204.31	4649.30	4081.86	3599.66	3130.54	2803.38	2514.26	2347.11	2210.04
<b>47.5</b>	6528.02	5954.33	5367.40	4722.05	4122.75	3533.12	3076.27	2673.84	2427.30	2237.54
<b>50.0</b>	7337.33	6754.07	6140.65	5461.19	4784.71	4104.43	3511.63	2971.13	2609.63	2335.19
<b>52.5</b>	7809.22	7192.84	6557.64	5903.20	5251.27	4596.77	3961.02	3347.86	2878.89	2498.36
<b>55.0</b>	8103.36	7612.22	7105.14	6526.41	5925.20	5303.52	4647.99	3990.72	3406.92	2879.38
<b>57.5</b>	8763.16	8321.10	7867.42	7333.80	6776.17	6191.37	5559.35	4908.08	4265.22	3632.11
<b>60.0</b>	9423.19	9058.96	8683.79	8210.86	7703.00	7147.55	6540.39	5901.58	5228.95	4520.80
<b>62.5</b>	10115.27	9834.29	9540.02	9131.21	8677.35	8151.64	7562.87	6915.53	6194.47	5370.85
<b>65.0</b>	10804.90	10650.62	10492.97	10195.35	9832.18	9345.03	8748.97	7978.76	7085.63	5986.22
<b>67.5</b>	11370.73	11257.99	11085.47	10774.56	10353.11	9698.24	8898.45	7802.44	6640.15	5362.66
<b>70.0</b>	11324.85	11114.30	10774.29	10360.97	9817.08	8941.08	7920.43	6606.26	5247.81	4178.73
<b>72.5</b>	9574.72	9214.74	8587.98	8082.40	7446.80	6434.49	5399.14	4340.45	3219.51	2590.31
<b>75.0</b>	5156.73	4687.46	3945.47	3506.98	3054.73	2397.16	1817.46	1568.53	1177.64	921.08
<b>77.5</b>	1379.30	971.80	603.58	527.73	461.60	464.90	465.22	427.17	373.20	348.96
<b>80.0</b>	273.17	254.32	231.19	229.07	226.98	223.85	222.72	233.54	236.72	235.50
<b>82.5</b>	144.68	139.10	129.70	130.99	131.97	132.46	134.34	146.70	152.16	152.96
<b>85.0</b>	56.11	56.30	53.45	54.28	54.95	57.92	61.70	70.24	72.25	72.42
<b>87.5</b>	17.26	18.26	19.07	18.34	17.33	17.83	18.59	18.91	18.30	19.07
<b>90.0</b>	3.85	4.29	3.35	2.94	2.25	1.38	0.00	0.00	0.00	0.00
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1424.95	1423.19	1421.83	1418.98	1417.06	1415.30	1413.56	1411.82	1410.14	1408.47
5.0	1430.00	1426.07	1422.03	1417.92	1413.78	1410.02	1406.30	1402.88	1399.28	1395.52
7.5	1444.00	1436.85	1430.07	1423.26	1416.56	1409.88	1403.64	1396.99	1390.89	1384.92
10.0	1471.76	1459.50	1447.07	1436.49	1425.64	1415.34	1404.93	1395.19	1385.00	1375.69
12.5	1519.44	1498.48	1480.02	1461.10	1444.47	1427.59	1411.72	1395.81	1382.09	1368.23
15.0	1588.29	1557.27	1528.74	1499.08	1473.21	1448.38	1424.94	1402.64	1381.87	1362.17
17.5	1674.15	1632.49	1592.07	1550.47	1510.58	1475.15	1440.11	1409.39	1379.18	1353.76
20.0	1767.04	1715.50	1664.65	1610.62	1555.94	1507.89	1459.15	1417.75	1377.14	1342.48
22.5	1859.79	1800.30	1738.29	1675.31	1609.22	1546.59	1484.61	1428.85	1376.22	1329.28
25.0	1937.90	1871.59	1801.67	1730.12	1654.21	1579.86	1507.02	1438.23	1373.83	1313.91
27.5	1997.54	1925.47	1848.28	1768.91	1684.59	1601.16	1518.65	1438.48	1364.42	1292.30
30.0	2042.77	1965.50	1880.21	1793.01	1700.03	1607.48	1516.19	1426.19	1343.91	1261.65
32.5	2075.86	1993.22	1898.59	1802.87	1702.10	1601.11	1500.58	1400.58	1311.35	1222.30
35.0	2096.66	2008.04	1905.04	1800.94	1691.50	1584.79	1473.60	1365.76	1270.13	1172.80
37.5	2108.39	2014.05	1902.28	1789.72	1671.97	1553.46	1438.00	1323.00	1221.27	1119.34
40.0	2111.18	2009.20	1891.57	1771.14	1646.34	1520.35	1397.82	1276.16	1169.66	1064.72
42.5	2103.06	1995.98	1872.56	1744.56	1614.14	1482.38	1354.64	1228.27	1117.53	1010.31
45.0	2091.21	1977.75	1850.30	1717.29	1581.07	1442.79	1309.54	1178.66	1064.74	959.44
47.5	2092.46	1965.37	1830.49	1691.49	1551.01	1409.24	1271.58	1136.35	1017.86	910.00
50.0	2141.01	1989.41	1836.44	1683.65	1531.96	1380.59	1237.15	1099.58	977.59	867.69
52.5	2236.91	2058.18	1884.14	1714.83	1545.10	1373.94	1216.27	1069.60	941.61	831.57
55.0	2490.44	2213.97	1968.77	1764.96	1567.99	1381.16	1209.19	1056.25	919.99	801.78
57.5	3111.51	2700.94	2341.90	2061.95	1785.96	1522.70	1286.49	1084.14	912.42	783.69
60.0	3877.51	3312.27	2821.83	2452.85	2097.68	1772.69	1472.64	1211.03	983.38	810.36

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

62.5	4591.01	3885.44	3264.67	2793.74	2347.50	1951.62	1585.46	1275.36	1009.52	826.99
65.0	4974.54	4149.19	3421.98	2852.83	2330.83	1885.74	1484.06	1176.49	921.68	773.44
67.5	4259.78	3537.05	2897.28	2379.53	1916.42	1547.61	1220.19	981.57	785.53	687.85
70.0	3265.66	2708.89	2206.05	1778.49	1406.97	1146.50	915.32	757.86	625.53	562.50
72.5	2054.91	1728.65	1443.37	1184.60	965.38	811.23	672.03	566.53	479.16	449.24
75.0	735.77	683.30	644.65	609.37	575.83	508.79	448.96	400.89	365.85	378.70
77.5	331.69	335.48	340.49	338.25	335.71	325.23	317.03	313.66	314.19	332.64
80.0	235.27	238.44	240.95	232.14	225.84	230.59	234.89	234.42	234.35	241.89
82.5	154.45	158.93	163.67	164.58	166.22	166.63	166.00	158.79	152.60	155.78
85.0	72.61	76.54	81.00	77.60	75.29	75.90	76.88	73.54	70.78	75.64
87.5	20.02	20.34	20.60	20.73	21.19	21.89	22.33	23.10	22.79	24.60
90.0	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
95.0	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
100.0	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
105.0	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
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1406.80	1405.89	1405.33	1403.20	1402.10	1400.60	1399.09	1397.59	1396.23	1395.08
5.0	1391.73	1388.55	1385.37	1382.43	1379.99	1376.16	1373.58	1371.33	1369.09	1366.30
7.5	1378.90	1372.91	1366.90	1361.90	1357.26	1353.11	1347.67	1343.28	1339.79	1336.43



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

10.0	1367.04	1358.44	1350.24	1342.02	1335.24	1329.16	1322.43	1316.69	1311.46	1307.57
12.5	1355.98	1344.24	1333.12	1322.48	1312.66	1305.13	1297.88	1290.08	1283.42	1278.80
15.0	1343.80	1328.41	1313.14	1299.48	1285.70	1276.65	1268.38	1259.29	1251.93	1246.41
17.5	1328.44	1308.45	1288.72	1271.63	1255.21	1242.86	1233.31	1222.55	1214.44	1207.66
20.0	1309.77	1283.04	1259.01	1237.19	1217.22	1200.73	1189.82	1177.42	1169.01	1161.22
22.5	1287.71	1251.84	1222.34	1194.93	1171.55	1150.86	1139.27	1125.57	1117.89	1110.38
25.0	1262.13	1214.89	1178.81	1144.59	1117.64	1092.18	1081.18	1067.44	1062.29	1057.50
27.5	1230.17	1171.27	1129.23	1088.02	1058.04	1028.13	1018.07	1005.58	1003.36	1002.61
30.0	1190.96	1121.43	1073.85	1026.20	994.78	963.90	953.25	942.45	944.07	948.79
32.5	1144.01	1067.54	1015.88	965.30	932.13	901.54	891.47	883.83	888.97	898.86
35.0	1091.03	1010.48	955.36	904.23	871.49	843.56	835.32	831.98	840.42	854.73
37.5	1034.37	952.47	895.72	845.76	814.77	791.07	785.14	785.98	797.31	815.22
40.0	977.44	895.28	838.18	790.86	762.67	744.22	740.89	745.30	758.01	776.99
42.5	921.47	840.19	783.83	740.36	715.51	702.65	701.73	708.33	720.78	738.38
45.0	867.56	788.03	733.29	694.80	673.18	664.87	665.59	674.39	684.63	700.42
47.5	817.00	739.34	686.25	652.89	634.10	629.21	631.35	640.82	650.46	664.28
50.0	773.71	697.57	645.00	615.40	598.32	595.33	597.94	607.37	615.71	626.87
52.5	736.42	661.33	608.64	581.67	565.31	563.10	565.02	572.66	579.30	589.37
55.0	702.12	628.99	575.95	550.47	533.94	531.29	532.37	539.38	546.07	556.94
57.5	675.84	602.17	547.31	522.28	505.27	503.08	504.02	510.65	516.23	524.45
60.0	672.21	589.90	526.84	501.18	482.80	479.79	478.96	483.04	487.22	495.64
62.5	676.84	595.78	531.71	503.02	480.83	474.55	470.18	471.98	477.89	493.46
65.0	649.48	591.93	544.53	520.74	502.89	501.97	501.63	502.83	509.50	526.01
67.5	599.55	555.40	521.89	518.10	517.60	525.47	533.90	543.97	557.61	577.01
70.0	503.64	490.64	483.86	492.79	503.24	517.58	533.89	557.14	584.72	630.31
72.5	423.69	430.55	440.01	457.59	475.70	498.32	523.87	561.50	606.15	688.04
75.0	391.61	406.08	417.72	416.64	418.59	443.56	474.86	542.65	616.19	739.36
77.5	343.01	338.82	333.04	324.88	321.37	345.97	379.34	472.73	568.57	734.43
80.0	241.02	231.33	224.02	229.90	237.94	261.03	288.90	362.76	431.39	538.64
82.5	153.98	152.18	151.19	159.27	168.00	182.85	200.64	250.16	295.12	365.70
85.0	76.79	77.46	78.24	84.83	91.20	96.38	102.27	132.59	152.73	185.09
87.5	25.12	26.79	27.61	28.72	30.04	32.44	35.13	36.87	35.55	46.21
90.0	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
95.0	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
100.0	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
105.0	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
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>150.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>152.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>155.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>157.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>160.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</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>150.0</b>	<b>152.5</b>	<b>155.0</b>	<b>157.5</b>	<b>160.0</b>	<b>162.5</b>	<b>165.0</b>	<b>167.5</b>	<b>170.0</b>	<b>172.5</b>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1393.96	1392.86	1392.24	1391.79	1391.36	1390.92	1390.30	1389.70	1389.14	1388.92
<b>5.0</b>	1363.46	1360.80	1359.11	1357.48	1356.10	1355.05	1354.02	1353.09	1352.25	1351.45
<b>7.5</b>	1332.84	1329.11	1325.55	1323.55	1321.63	1319.88	1318.19	1316.47	1315.01	1313.59
<b>10.0</b>	1303.71	1299.61	1295.52	1292.22	1289.58	1287.19	1285.83	1284.52	1283.23	1281.96
<b>12.5</b>	1274.71	1270.72	1266.83	1263.40	1261.31	1259.27	1258.30	1257.45	1256.96	1256.72
<b>15.0</b>	1242.79	1239.21	1235.68	1232.25	1231.39	1230.65	1230.59	1230.77	1230.73	1230.47
<b>17.5</b>	1204.45	1201.33	1198.33	1195.39	1195.21	1195.54	1196.07	1196.76	1197.52	1198.32
<b>20.0</b>	1158.79	1156.47	1154.80	1153.30	1154.28	1156.16	1158.12	1160.12	1161.98	1163.58
<b>22.5</b>	1110.21	1110.49	1111.33	1112.41	1115.51	1119.71	1123.86	1127.94	1131.69	1134.69
<b>25.0</b>	1060.68	1065.42	1070.95	1076.93	1084.17	1092.35	1100.19	1107.50	1114.10	1118.93
<b>27.5</b>	1010.95	1022.33	1035.00	1048.50	1062.96	1078.27	1092.91	1106.35	1118.55	1127.19
<b>30.0</b>	963.28	982.44	1004.13	1027.74	1052.03	1076.98	1100.86	1122.59	1142.50	1156.41
<b>32.5</b>	919.40	946.52	977.45	1011.89	1046.85	1082.40	1116.30	1146.43	1174.29	1193.71
<b>35.0</b>	879.54	912.42	949.89	992.40	1036.14	1081.72	1124.96	1162.21	1196.98	1221.31
<b>37.5</b>	842.13	877.47	917.83	964.76	1013.59	1065.81	1115.91	1159.99	1201.46	1230.57
<b>40.0</b>	803.86	839.62	879.94	927.12	977.16	1033.32	1087.62	1135.86	1181.70	1214.87
<b>42.5</b>	763.03	797.07	835.39	881.20	930.21	986.95	1042.31	1092.79	1141.14	1176.99
<b>45.0</b>	722.21	753.21	788.19	831.32	877.72	933.02	987.14	1036.80	1084.58	1120.25
<b>47.5</b>	682.83	709.75	740.11	778.54	820.55	873.61	926.06	975.99	1024.37	1061.15
<b>50.0</b>	641.91	664.92	691.47	727.23	766.92	820.07	873.35	927.18	979.29	1017.09
<b>52.5</b>	603.08	625.18	650.47	685.05	723.56	777.35	830.91	882.75	932.32	965.03
<b>55.0</b>	570.58	591.47	613.87	641.48	673.88	727.22	782.73	849.78	916.16	973.67
<b>57.5</b>	535.60	555.65	578.88	613.98	656.94	737.74	828.52	981.50	1137.35	1306.39
<b>60.0</b>	507.55	531.34	563.84	633.43	724.12	926.42	1153.30	1547.94	1943.58	2318.61
<b>62.5</b>	512.90	547.68	601.15	744.64	920.86	1292.31	1684.17	2234.61	2775.74	3194.35
<b>65.0</b>	548.47	598.47	669.71	857.85	1071.01	1461.76	1855.31	2287.59	2705.42	2946.69
<b>67.5</b>	601.56	650.94	712.68	853.89	1005.56	1257.73	1505.35	1729.90	1945.57	2040.56
<b>70.0</b>	678.42	736.21	793.09	836.27	884.70	1007.82	1127.68	1228.87	1326.70	1379.64
<b>72.5</b>	769.16	834.61	890.84	874.28	863.39	915.19	966.36	1018.15	1067.88	1080.41
<b>75.0</b>	853.54	870.69	888.11	925.13	964.34	1013.65	1062.34	1095.00	1126.12	1123.91
<b>77.5</b>	886.29	889.32	897.97	964.81	1034.18	1134.70	1233.00	1253.11	1272.22	1261.06
<b>80.0</b>	642.76	729.03	818.31	925.54	1035.75	1167.86	1295.53	1319.73	1342.49	1320.68
<b>82.5</b>	435.98	540.20	641.48	785.65	918.78	1010.40	1097.37	1152.74	1206.26	1182.52
<b>85.0</b>	214.03	293.93	368.84	456.98	539.93	619.70	695.96	686.71	677.73	677.11
<b>87.5</b>	56.68	56.79	52.99	61.73	73.37	110.64	143.23	117.82	96.36	114.54
<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>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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
167.5	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
172.5	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
177.5	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.  
Angles**

**Horizontal Angles**

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1388.94	1388.99	1389.06	1388.99	1388.94	1388.92	1389.14	1389.70	1390.30	1390.92
5.0	1351.39	1351.54	1351.73	1351.54	1351.39	1351.45	1352.25	1353.09	1354.02	1355.05
7.5	1313.02	1313.20	1313.42	1313.20	1313.02	1313.59	1315.01	1316.47	1318.19	1319.88
10.0	1281.26	1281.41	1281.61	1281.41	1281.26	1281.96	1283.23	1284.52	1285.83	1287.19
12.5	1256.61	1256.67	1256.74	1256.67	1256.61	1256.72	1256.96	1257.45	1258.30	1259.27
15.0	1230.50	1231.33	1232.20	1231.33	1230.50	1230.47	1230.73	1230.77	1230.59	1230.64
17.5	1199.19	1200.21	1201.27	1200.21	1199.19	1198.32	1197.52	1196.76	1196.06	1195.53
20.0	1165.21	1166.74	1168.32	1166.74	1165.21	1163.58	1161.98	1160.12	1158.12	1156.16
22.5	1137.47	1138.87	1140.29	1138.87	1137.47	1134.69	1131.69	1127.94	1123.86	1119.71
25.0	1123.64	1127.51	1131.39	1127.51	1123.64	1118.93	1114.10	1107.50	1100.19	1092.35
27.5	1135.43	1140.90	1146.35	1140.90	1135.43	1127.19	1118.55	1106.35	1092.91	1078.27
30.0	1169.58	1177.31	1184.98	1177.31	1169.58	1156.41	1142.50	1122.59	1100.86	1076.98
32.5	1212.08	1221.80	1231.46	1221.80	1212.08	1193.71	1174.29	1146.43	1116.29	1082.39
35.0	1244.47	1256.77	1269.04	1256.77	1244.47	1221.31	1196.98	1162.21	1124.95	1081.71
37.5	1258.28	1271.82	1285.39	1271.82	1258.27	1230.57	1201.46	1159.99	1115.91	1065.81
40.0	1246.61	1261.56	1276.54	1261.55	1246.60	1214.87	1181.70	1135.86	1087.61	1033.32
42.5	1211.37	1226.60	1241.89	1226.60	1211.37	1176.99	1141.14	1092.79	1042.30	986.94

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

45.0	1154.64	1170.45	1186.34	1170.45	1154.64	1120.25	1084.58	1036.79	987.14	933.02
47.5	1096.73	1113.16	1129.66	1113.15	1096.72	1061.14	1024.37	975.99	926.06	873.60
50.0	1053.77	1071.23	1088.74	1071.23	1053.77	1017.09	979.28	927.17	873.35	820.07
52.5	996.75	1011.65	1026.79	1011.65	996.75	965.02	932.31	882.74	830.91	777.34
55.0	1030.27	1064.88	1099.37	1064.88	1030.27	973.67	916.16	849.78	782.73	727.22
57.5	1473.71	1589.40	1704.11	1589.40	1473.71	1306.39	1137.35	981.50	828.51	737.73
60.0	2678.99	2910.86	3132.17	2910.85	2687.58	2318.60	1943.57	1547.93	1153.29	926.41
62.5	3597.06	3790.72	3977.04	3790.72	3603.59	3194.34	2775.73	2234.60	1684.16	1292.30
65.0	3179.63	3237.25	3294.19	3237.24	3181.44	2946.67	2705.40	2287.57	1855.29	1461.75
67.5	2133.25	2135.13	2138.30	2135.12	2133.35	2040.55	1945.56	1729.89	1505.33	1257.72
70.0	1431.54	1400.58	1371.32	1400.57	1430.83	1379.63	1326.69	1228.86	1127.67	1007.81
72.5	1092.62	1092.03	1091.70	1092.03	1092.61	1080.41	1067.88	1018.15	966.36	915.19
75.0	1121.52	1131.59	1141.31	1131.59	1121.69	1123.91	1126.03	1095.00	1062.34	1013.66
77.5	1250.18	1251.88	1253.38	1251.88	1250.20	1261.06	1271.90	1253.11	1233.00	1134.70
80.0	1299.57	1280.00	1260.69	1280.00	1299.36	1320.68	1342.02	1319.73	1296.31	1167.86
82.5	1159.77	1116.00	1072.87	1116.00	1159.43	1182.52	1205.90	1152.74	1098.71	1010.39
85.0	678.11	620.64	564.07	620.64	677.82	677.10	677.75	686.70	695.89	619.69
87.5	131.14	92.10	54.31	92.10	131.07	114.54	96.43	117.81	143.08	110.63
90.0	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
95.0	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
100.0	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
105.0	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
110.0	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
115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>200.0</b></u>	<u><b>202.5</b></u>	<u><b>205.0</b></u>	<u><b>207.5</b></u>	<u><b>210.0</b></u>	<u><b>212.5</b></u>	<u><b>215.0</b></u>	<u><b>217.5</b></u>	<u><b>220.0</b></u>	<u><b>222.5</b></u>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1391.36	1391.79	1392.24	1392.86	1393.96	1395.08	1396.23	1397.59	1399.09	1400.60
<b>5.0</b>	1356.10	1357.48	1359.11	1360.80	1363.46	1366.30	1369.09	1371.33	1373.58	1376.16
<b>7.5</b>	1321.63	1323.55	1325.55	1329.11	1332.84	1336.43	1339.79	1343.16	1347.67	1353.11
<b>10.0</b>	1289.58	1292.22	1295.52	1299.61	1303.71	1307.57	1311.46	1316.69	1322.43	1329.16
<b>12.5</b>	1261.31	1263.40	1266.83	1270.72	1274.71	1278.80	1283.42	1290.08	1297.88	1305.13
<b>15.0</b>	1231.39	1232.23	1235.67	1239.21	1242.79	1246.41	1251.93	1259.29	1268.38	1276.65
<b>17.5</b>	1195.21	1195.39	1198.33	1201.33	1204.45	1207.66	1214.44	1222.55	1233.31	1242.86
<b>20.0</b>	1154.28	1153.30	1154.80	1156.47	1158.79	1161.22	1169.01	1177.42	1189.82	1200.73
<b>22.5</b>	1115.51	1112.41	1111.32	1110.49	1110.20	1110.12	1117.89	1125.57	1139.27	1150.86
<b>25.0</b>	1084.17	1076.93	1070.95	1065.42	1060.68	1057.50	1062.29	1067.20	1081.18	1092.18
<b>27.5</b>	1062.96	1048.50	1035.00	1022.33	1010.95	1002.60	1003.36	1005.58	1018.07	1027.60
<b>30.0</b>	1052.02	1027.74	1004.13	982.44	963.28	948.79	944.06	942.44	953.25	963.90
<b>32.5</b>	1046.85	1011.88	977.44	946.51	919.40	898.86	888.96	883.83	891.47	901.54
<b>35.0</b>	1036.13	992.40	949.88	912.41	879.53	854.72	840.42	831.98	835.32	843.56
<b>37.5</b>	1013.58	964.76	917.83	877.46	842.13	815.22	797.31	785.98	785.13	791.06
<b>40.0</b>	977.16	927.12	879.93	839.62	803.85	776.98	758.01	745.30	740.89	744.21
<b>42.5</b>	930.20	881.19	835.39	797.06	763.02	738.38	720.78	708.33	701.73	702.65
<b>45.0</b>	877.72	831.32	788.19	753.21	722.21	700.41	684.63	674.39	665.59	664.87
<b>47.5</b>	820.55	778.54	740.10	709.74	682.83	664.27	650.46	640.82	631.35	629.21
<b>50.0</b>	766.91	727.23	691.47	664.92	641.91	626.87	615.71	607.37	597.94	595.33
<b>52.5</b>	723.56	685.05	650.47	625.18	603.08	589.37	579.30	572.66	565.02	563.09
<b>55.0</b>	673.88	641.48	613.86	591.47	570.58	556.94	546.07	539.38	532.37	531.29
<b>57.5</b>	656.93	613.98	578.87	555.64	535.60	524.45	516.23	510.65	504.02	503.08
<b>60.0</b>	724.12	633.43	563.84	531.34	507.54	495.64	487.22	483.04	478.96	479.79
<b>62.5</b>	920.86	744.64	601.14	547.68	512.90	493.46	477.89	471.98	470.18	474.55
<b>65.0</b>	1071.01	857.85	669.71	598.47	548.47	526.01	509.51	502.84	501.63	501.97
<b>67.5</b>	1005.56	853.89	712.68	650.94	601.57	577.02	557.62	543.97	533.90	525.47
<b>70.0</b>	884.70	836.26	793.09	736.21	678.42	630.31	584.72	557.14	533.89	517.58
<b>72.5</b>	863.39	874.28	890.84	834.61	769.16	688.04	606.15	561.49	523.86	498.31
<b>75.0</b>	964.34	925.13	888.11	870.69	853.54	739.36	616.18	542.64	474.85	443.55
<b>77.5</b>	1034.18	964.81	897.96	889.31	886.28	734.42	568.56	472.72	379.34	345.97
<b>80.0</b>	1035.75	925.53	818.31	729.02	642.75	538.63	431.38	362.75	288.90	261.03
<b>82.5</b>	921.66	785.64	647.01	540.19	435.97	365.69	295.11	250.15	200.64	182.85
<b>85.0</b>	541.55	456.97	371.03	293.92	216.39	185.08	153.89	132.58	103.38	96.37
<b>87.5</b>	73.67	61.72	53.09	56.79	56.71	46.21	35.70	36.87	35.16	32.44
<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>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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
167.5	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
172.5	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
177.5	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.  
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	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1402.10	1403.20	1405.33	1405.89	1406.80	1408.48	1410.15	1411.82	1413.56	1415.30
5.0	1379.99	1382.43	1385.37	1388.55	1391.73	1395.52	1399.28	1402.88	1406.30	1410.03
7.5	1357.27	1361.90	1366.91	1372.92	1378.91	1384.93	1390.90	1396.99	1403.64	1409.80
10.0	1335.24	1342.02	1350.24	1358.44	1367.04	1375.69	1385.00	1395.19	1404.93	1415.34
12.5	1312.66	1322.49	1333.13	1344.25	1355.99	1368.24	1382.10	1395.16	1411.72	1427.59
15.0	1285.70	1299.48	1313.14	1328.41	1343.80	1362.17	1381.87	1402.65	1424.95	1448.39
17.5	1255.21	1271.63	1288.72	1308.45	1328.45	1353.76	1379.19	1409.39	1440.11	1475.15
20.0	1217.22	1237.19	1259.01	1283.04	1309.77	1342.48	1377.14	1417.76	1459.16	1507.89
22.5	1171.55	1194.93	1222.34	1251.85	1287.71	1329.28	1376.22	1428.85	1484.62	1546.60
25.0	1117.64	1144.59	1178.81	1214.89	1262.13	1313.91	1373.83	1438.24	1507.03	1579.87
27.5	1058.04	1088.02	1129.23	1171.27	1230.17	1292.30	1364.43	1438.49	1518.66	1601.17
30.0	994.78	1024.96	1073.85	1121.44	1190.97	1261.66	1343.91	1426.19	1516.20	1607.49
32.5	932.13	965.30	1015.88	1067.54	1144.01	1220.61	1311.36	1400.59	1500.59	1601.11
35.0	871.49	904.23	955.36	1010.48	1091.03	1172.80	1270.13	1364.05	1473.60	1581.51
37.5	814.77	845.75	895.72	952.47	1034.37	1119.34	1221.27	1323.00	1438.00	1553.46
40.0	762.66	790.86	838.18	895.28	977.44	1064.71	1169.66	1276.16	1397.82	1520.35
42.5	715.50	740.36	783.83	840.19	921.47	1010.31	1117.53	1228.27	1354.64	1482.38
45.0	673.18	694.80	733.29	788.03	867.56	959.44	1064.74	1178.66	1309.54	1442.79
47.5	634.10	652.89	686.25	739.34	817.00	910.00	1017.86	1136.35	1271.58	1409.24
50.0	598.32	615.40	645.00	697.56	773.71	867.69	977.59	1099.58	1237.15	1380.60
52.5	565.31	581.67	608.64	661.33	736.42	831.57	941.62	1069.60	1216.27	1373.94
55.0	533.94	550.47	575.95	628.99	702.12	801.79	920.00	1056.26	1209.19	1381.16
57.5	505.27	522.28	547.31	602.17	675.84	783.70	912.43	1084.15	1286.51	1522.72
60.0	482.80	501.18	526.84	589.90	672.21	810.37	983.39	1211.04	1472.66	1772.71
62.5	480.83	503.02	531.72	595.79	676.85	826.99	1009.52	1275.37	1585.47	1951.63
65.0	502.89	520.74	544.53	591.93	649.48	773.44	921.68	1176.48	1484.05	1885.73
67.5	517.60	518.10	521.89	555.40	599.55	687.85	785.52	981.56	1220.16	1547.58
70.0	503.24	492.79	483.86	490.63	503.63	562.49	625.52	757.84	915.30	1146.48
72.5	475.70	457.59	440.01	430.54	423.68	449.23	479.15	566.52	672.02	811.21
75.0	418.58	416.64	417.72	406.08	391.61	378.70	365.85	400.89	448.95	508.77
77.5	321.36	324.87	333.03	338.82	343.00	332.63	314.18	313.65	317.03	325.23

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	237.93	229.90	224.02	231.33	241.01	241.88	234.34	234.41	234.89	230.59
<b>82.5</b>	168.00	159.27	151.19	152.17	153.98	155.78	152.60	158.79	165.99	166.62
<b>85.0</b>	91.20	84.83	78.23	77.45	76.78	75.64	70.78	73.54	76.88	75.89
<b>87.5</b>	30.10	28.72	27.64	26.78	25.18	24.60	22.83	23.10	22.37	21.89
<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>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>137.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>140.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>142.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>145.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>152.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>155.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>157.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>160.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</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**

	<u><b>250.0</b></u>	<u><b>252.5</b></u>	<u><b>255.0</b></u>	<u><b>257.5</b></u>	<u><b>260.0</b></u>	<u><b>262.5</b></u>	<u><b>265.0</b></u>	<u><b>267.5</b></u>	<u><b>270.0</b></u>	<u><b>272.5</b></u>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1417.06	1418.98	1421.83	1423.19	1424.95	1426.90	1428.79	1430.63	1432.60	1434.50
<b>5.0</b>	1413.79	1417.93	1422.03	1426.08	1430.00	1434.25	1438.52	1442.84	1447.34	1451.83
<b>7.5</b>	1416.56	1423.26	1430.07	1436.85	1444.01	1452.21	1460.33	1468.89	1477.30	1485.31
<b>10.0</b>	1425.64	1436.50	1447.07	1459.50	1471.76	1484.84	1497.47	1511.28	1525.85	1539.96
<b>12.5</b>	1444.47	1461.11	1480.03	1498.48	1519.44	1539.54	1561.24	1584.49	1607.03	1626.17
<b>15.0</b>	1473.22	1499.08	1528.74	1557.28	1588.30	1618.13	1650.83	1682.86	1712.31	1739.13
<b>17.5</b>	1510.59	1550.48	1592.08	1632.50	1674.16	1715.05	1756.22	1794.03	1828.50	1861.40
<b>20.0</b>	1555.37	1610.63	1664.66	1715.51	1767.05	1816.63	1865.78	1906.37	1941.49	1981.90
<b>22.5</b>	1609.23	1675.32	1738.30	1800.31	1859.80	1915.50	1969.76	2013.02	2052.70	2094.23
<b>25.0</b>	1654.22	1730.13	1801.68	1871.60	1937.91	1999.97	2057.21	2104.55	2147.83	2190.86

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

27.5	1684.59	1768.92	1848.28	1925.47	1997.54	2065.51	2125.06	2176.00	2222.18	2267.80
30.0	1700.03	1793.01	1880.22	1965.51	2042.78	2116.50	2179.04	2234.79	2284.34	2333.55
32.5	1702.11	1802.88	1898.60	1993.22	2075.87	2155.49	2221.92	2283.60	2339.62	2396.30
35.0	1691.51	1800.95	1905.04	2008.04	2096.66	2183.44	2255.41	2324.99	2394.94	2466.00
37.5	1671.97	1787.03	1902.28	2013.59	2108.40	2203.07	2282.99	2361.57	2458.78	2557.33
40.0	1646.34	1771.14	1891.57	2009.20	2111.18	2212.46	2304.08	2397.42	2537.89	2684.06
42.5	1614.14	1744.56	1872.56	1995.99	2103.06	2210.56	2319.09	2438.92	2640.34	2862.32
45.0	1581.07	1717.29	1850.30	1977.75	2091.21	2210.04	2347.12	2514.27	2803.39	3130.56
47.5	1551.01	1691.49	1830.49	1965.37	2092.46	2237.54	2427.31	2673.85	3076.30	3533.16
50.0	1531.96	1683.65	1836.45	1989.42	2141.02	2335.20	2609.66	2971.15	3511.67	4104.46
52.5	1545.10	1714.84	1884.15	2058.18	2236.92	2498.37	2878.91	3347.89	3961.07	4596.82
55.0	1568.00	1764.97	1968.79	2214.01	2490.48	2879.43	3406.98	3990.78	4648.07	5303.58
57.5	1785.99	2061.98	2341.93	2700.98	3111.57	3632.18	4265.30	4908.16	5559.42	6191.44
60.0	2097.71	2452.89	2821.87	3312.33	3877.57	4520.87	5229.02	5901.66	6540.48	7147.62
62.5	2347.52	2793.77	3264.71	3885.49	4591.07	5370.91	6194.55	6915.62	7562.96	8151.71
65.0	2330.82	2852.82	3421.98	4149.18	4974.53	5986.23	7085.66	7978.80	8749.03	9345.10
67.5	1916.39	2379.49	2897.24	3536.99	4259.70	5362.57	6640.08	7802.38	8898.42	9698.22
70.0	1406.94	1778.45	2206.01	2708.82	3265.58	4178.62	5247.68	6606.13	7920.30	8940.95
72.5	965.35	1184.56	1443.32	1728.56	2054.79	2590.17	3219.33	4340.19	5398.84	6434.15
75.0	575.81	609.34	644.61	683.26	735.71	920.99	1177.50	1568.33	1817.22	2396.89
77.5	335.70	338.23	340.47	335.46	331.68	348.94	373.17	427.14	465.18	464.85
80.0	225.83	232.13	240.94	238.43	235.27	235.49	236.71	233.53	222.71	223.84
82.5	166.21	164.58	163.67	158.92	154.44	152.96	152.16	146.70	134.34	132.46
85.0	75.28	77.60	81.00	76.54	72.60	72.41	72.24	70.24	61.70	57.92
87.5	21.21	20.73	20.62	20.34	20.04	19.07	18.34	18.91	18.60	17.83
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

	<b>275.0</b>	<b>277.5</b>	<b>280.0</b>	<b>282.5</b>	<b>285.0</b>	<b>287.5</b>	<b>290.0</b>	<b>292.5</b>	<b>295.0</b>	<b>297.5</b>
<b>0.0</b>	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
<b>2.5</b>	1436.68	1438.20	1440.22	1442.17	1443.83	1445.23	1446.59	1448.39	1450.27	1452.23
<b>5.0</b>	1456.14	1460.20	1464.60	1469.60	1473.38	1476.74	1481.24	1486.39	1489.69	1492.71
<b>7.5</b>	1492.00	1500.61	1508.11	1517.79	1527.45	1534.44	1539.22	1548.94	1557.12	1563.94
<b>10.0</b>	1552.88	1568.17	1584.13	1599.04	1612.81	1623.56	1641.89	1655.21	1666.61	1678.77
<b>12.5</b>	1650.64	1674.15	1696.18	1715.67	1735.32	1753.34	1773.74	1788.62	1804.11	1820.34
<b>15.0</b>	1770.59	1799.49	1823.52	1846.87	1870.92	1893.06	1911.92	1929.84	1948.16	1965.50
<b>17.5</b>	1895.84	1926.39	1953.58	1980.09	2001.50	2027.99	2047.35	2067.14	2087.32	2103.98
<b>20.0</b>	2018.61	2048.89	2077.85	2105.29	2128.90	2154.48	2175.81	2197.78	2219.65	2237.91
<b>22.5</b>	2132.03	2161.92	2191.75	2220.12	2245.57	2272.37	2297.05	2325.21	2353.09	2381.86
<b>25.0</b>	2228.97	2260.98	2293.26	2325.67	2356.06	2391.93	2429.51	2475.73	2523.33	2573.55
<b>27.5</b>	2308.55	2345.54	2386.57	2431.12	2479.98	2541.50	2610.45	2688.67	2769.34	2851.77
<b>30.0</b>	2381.16	2428.05	2493.53	2568.55	2655.38	2756.74	2873.59	2998.32	3118.83	3236.72
<b>32.5</b>	2465.97	2538.55	2652.90	2778.42	2923.39	3082.12	3255.91	3432.92	3589.77	3740.65
<b>35.0</b>	2580.32	2698.13	2884.42	3078.65	3293.22	3517.06	3749.83	3981.50	4167.46	4348.23
<b>37.5</b>	2740.10	2921.25	3193.34	3465.31	3754.32	4049.62	4344.57	4630.87	4842.38	5046.25
<b>40.0</b>	2949.71	3214.02	3578.79	3940.37	4310.53	4684.92	5043.06	5385.75	5612.23	5823.83
<b>42.5</b>	3221.59	3587.66	4051.44	4511.44	4968.02	5421.68	5823.52	6194.36	6421.80	6625.87
<b>45.0</b>	3599.69	4081.90	4649.34	5204.35	5717.27	6215.81	6635.06	7007.18	7231.37	7424.12
<b>47.5</b>	4122.80	4722.10	5367.46	5954.39	6528.07	7042.10	7463.72	7825.37	8046.35	8230.23
<b>50.0</b>	4784.76	5461.24	6140.70	6754.13	7337.37	7854.19	8284.99	8642.22	8869.81	9055.76
<b>52.5</b>	5251.31	5903.23	6557.66	7192.85	7809.21	8380.90	8889.12	9319.08	9630.28	9836.18
<b>55.0</b>	5925.26	6526.47	7105.19	7612.27	8103.41	8553.81	8978.77	9393.14	9789.81	10175.82
<b>57.5</b>	6776.24	7333.86	7867.48	8321.15	8763.20	9144.77	9487.46	9783.01	10032.35	10261.76
<b>60.0</b>	7703.07	8210.93	8683.84	9059.02	9423.25	9739.99	10037.36	10307.85	10555.32	10770.60
<b>62.5</b>	8677.43	9131.29	9540.08	9834.35	10115.32	10363.56	10603.94	10837.51	11066.56	11286.71
<b>65.0</b>	9832.26	10195.43	10493.04	10650.69	10804.95	10958.23	11129.62	11345.19	11583.38	11841.68
<b>67.5</b>	10353.12	10774.57	11085.48	11258.00	11370.75	11493.30	11628.39	11871.55	12167.15	12509.00
<b>70.0</b>	9816.98	10360.88	10774.20	11114.22	11324.79	11534.45	11728.87	12005.30	12312.25	12726.79
<b>72.5</b>	7446.47	8082.08	8587.66	9214.46	9574.46	9990.54	10386.38	10872.50	11388.33	11510.54
<b>75.0</b>	3054.45	3506.64	3945.08	4687.08	5156.38	5666.14	6146.79	6608.19	7081.32	7624.28
<b>77.5</b>	461.55	527.67	603.51	971.64	1379.05	1743.24	2092.48	2657.37	3222.02	3766.15
<b>80.0</b>	226.97	229.06	231.18	254.31	273.15	361.41	467.73	656.54	878.01	1216.70
<b>82.5</b>	131.97	130.98	129.69	139.09	144.67	148.19	151.11	196.29	250.72	361.07
<b>85.0</b>	54.94	54.28	53.44	56.29	56.11	56.93	56.90	60.82	66.26	74.99
<b>87.5</b>	17.35	18.33	19.05	18.26	17.29	18.13	18.75	17.83	17.07	17.79
<b>90.0</b>	2.25	2.94	3.35	4.29	3.85	4.09	4.04	3.22	2.71	4.65
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	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>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	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1454.24	1456.51	1459.03	1460.33	1460.45	1460.86	1461.82	1462.57	1464.55	1466.65
5.0	1496.25	1500.16	1503.05	1505.52	1508.56	1512.24	1514.91	1517.74	1520.73	1521.98
7.5	1570.59	1577.93	1582.12	1589.75	1595.54	1601.29	1605.25	1608.53	1612.70	1614.34
10.0	1691.40	1697.12	1710.10	1719.35	1728.40	1733.69	1739.23	1745.57	1746.16	1752.48
12.5	1833.81	1842.79	1856.83	1868.29	1875.95	1882.85	1891.67	1899.25	1900.59	1908.21
15.0	1978.24	1989.71	2003.77	2015.14	2024.36	2034.15	2044.56	2046.96	2057.42	2068.29
17.5	2113.64	2132.50	2147.97	2160.24	2171.76	2186.57	2201.50	2207.36	2223.49	2240.98
20.0	2251.69	2276.75	2297.36	2316.06	2335.73	2362.04	2387.72	2405.59	2438.28	2470.00
22.5	2407.66	2448.12	2483.95	2520.48	2560.14	2605.06	2646.28	2676.10	2723.51	2765.71
25.0	2622.44	2690.17	2748.74	2804.28	2861.34	2919.55	2968.83	3005.35	3063.36	3114.53
27.5	2930.93	3027.29	3102.85	3171.21	3235.38	3298.74	3347.23	3383.81	3445.12	3498.34
30.0	3341.64	3462.33	3540.87	3611.04	3670.89	3730.10	3770.38	3800.63	3858.57	3905.72
32.5	3858.80	3992.49	4059.73	4122.58	4169.53	4215.27	4245.15	4266.34	4319.77	4360.90
35.0	4469.29	4608.63	4657.62	4706.88	4738.08	4767.68	4778.31	4783.24	4825.38	4854.17
37.5	5163.62	5293.97	5330.01	5363.52	5375.68	5383.45	5365.49	5343.61	5360.12	5366.81
40.0	5932.35	6045.69	6062.38	6073.92	6064.49	6046.18	5997.36	5946.54	5937.41	5926.32
42.5	6725.85	6818.23	6816.16	6808.74	6782.64	6743.47	6677.68	6609.61	6579.67	6556.92
45.0	7519.34	7599.51	7596.09	7578.89	7536.22	7477.65	7391.70	7306.59	7261.92	7220.86
47.5	8332.01	8408.91	8404.49	8381.97	8329.87	8253.35	8146.54	8040.19	7971.45	7893.83
50.0	9170.17	9248.02	9245.49	9219.94	9164.64	9076.52	8953.61	8826.07	8732.60	8619.41
52.5	10006.70	10095.89	10104.82	10083.04	10029.41	9935.74	9771.21	9666.32	9555.04	9427.21
55.0	10534.42	10780.09	10905.25	10940.10	10906.25	10821.13	10661.40	10567.53	10470.23	10368.13
57.5	10526.78	10823.58	11149.42	11430.06	11655.81	11700.09	11592.51	11554.57	11517.13	11498.08
60.0	11006.08	11174.00	11302.26	11506.20	11770.25	12100.69	12433.89	12615.83	12707.46	12666.43

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

62.5	11549.09	11763.49	11951.82	12137.79	12317.70	12507.63	12727.39	13107.06	13529.76	13948.45
65.0	12150.16	12445.70	12733.14	12988.56	13239.55	13351.07	13356.17	13662.22	14057.93	14616.98
67.5	12893.16	13249.85	13611.00	13791.57	13901.61	14059.08	14237.04	14244.39	14192.75	14119.16
70.0	13180.07	13367.04	13482.20	13721.35	13981.50	13969.96	13921.95	13672.02	13395.01	13105.29
72.5	11333.15	11421.82	11556.33	11633.11	11712.53	11846.97	12132.22	11823.17	11456.07	10667.39
75.0	7800.22	8257.95	8736.48	8807.95	8786.71	8499.49	8317.92	7442.28	6538.20	5673.10
77.5	4134.40	4518.73	4901.06	4937.41	4929.23	4618.97	4376.04	3580.26	2764.09	2415.47
80.0	1488.28	1849.42	2219.83	2237.22	2213.45	2054.90	1905.41	1540.97	1179.67	1043.91
82.5	459.68	590.59	731.10	788.87	840.39	797.65	757.61	639.17	523.42	462.02
85.0	77.73	119.80	170.54	194.37	221.31	244.30	273.89	212.10	149.99	144.75
87.5	17.81	19.17	19.31	22.37	26.27	31.40	38.53	31.05	23.91	25.74
90.0	5.68	3.49	1.44	3.12	4.62	2.73	0.71	1.51	2.46	1.61
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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
167.5	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
172.5	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
177.5	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>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	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1467.74	1468.09	1468.46	1468.84	1468.13	1469.65	1470.96	1471.63	1471.62	1472.20
5.0	1522.17	1525.49	1526.59	1527.77	1529.33	1529.78	1530.37	1530.80	1531.05	1529.79
7.5	1618.12	1620.89	1623.82	1623.83	1624.81	1626.74	1626.57	1627.00	1623.60	1624.11

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

10.0	1756.84	1761.45	1761.95	1763.53	1766.67	1768.09	1769.11	1771.19	1766.69	1768.15
12.5	1915.07	1919.01	1921.56	1926.39	1931.00	1932.91	1935.73	1939.54	1934.95	1936.76
15.0	2077.53	2082.68	2088.51	2096.02	2101.19	2104.13	2108.85	2114.42	2109.39	2112.43
17.5	2255.42	2266.75	2279.70	2294.11	2303.25	2310.60	2320.85	2330.58	2325.83	2332.95
20.0	2495.06	2515.96	2538.96	2562.89	2577.58	2591.50	2608.01	2622.63	2620.34	2633.27
22.5	2798.34	2828.05	2858.44	2888.21	2908.61	2929.30	2953.74	2974.50	2976.04	2994.60
25.0	3151.37	3186.28	3222.51	3256.74	3278.07	3301.53	3329.35	3337.53	3358.03	3380.47
27.5	3533.99	3569.91	3605.93	3639.31	3661.52	3686.84	3718.15	3729.09	3755.00	3783.53
30.0	3939.71	3974.22	4008.42	4039.57	4062.87	4093.05	4132.75	4151.27	4188.68	4227.66
32.5	4389.09	4418.25	4449.48	4480.24	4508.25	4549.70	4606.88	4636.94	4688.78	4747.23
35.0	4871.18	4896.22	4935.95	4978.76	5025.06	5091.94	5178.97	5225.24	5293.62	5383.72
37.5	5372.82	5407.32	5483.28	5566.84	5659.02	5772.71	5904.69	5975.82	6067.56	6181.58
40.0	5929.87	5984.93	6101.90	6235.50	6384.99	6549.50	6725.48	6805.43	6889.70	6998.67
42.5	6558.34	6624.48	6757.65	6875.60	6982.87	7145.70	7341.53	7434.50	7515.78	7577.61
45.0	7196.34	7235.58	7331.79	7439.67	7555.36	7676.25	7800.65	7863.36	7925.83	7971.00
47.5	7819.74	7806.93	7841.60	7895.44	7961.54	8054.62	8159.61	8215.41	8278.26	8354.65
50.0	8501.99	8444.04	8424.05	8429.68	8448.99	8530.92	8639.15	8696.97	8778.53	8885.61
52.5	9296.03	9241.62	9230.87	9243.55	9266.37	9368.21	9498.80	9564.03	9680.27	9811.35
55.0	10270.50	10271.11	10318.08	10386.92	10466.32	10562.54	10670.47	10698.32	10757.79	10852.09
57.5	11491.79	11503.53	11533.92	11575.63	11609.12	11833.72	12108.61	12254.09	12506.42	12724.17
60.0	12575.06	12784.87	13088.80	13375.91	13670.67	13864.37	14042.89	14038.19	14061.89	14036.59
62.5	14358.09	14574.12	14744.09	14794.84	14826.34	14697.62	14532.91	14402.66	14290.34	14166.31
65.0	15244.01	15338.36	15274.40	15086.30	14871.12	14605.28	14332.61	14131.46	13906.82	13669.66
67.5	14056.43	14294.61	14601.75	14412.20	14117.58	13584.90	13029.44	12570.96	11964.79	11302.47
70.0	12812.84	12369.30	11933.16	11459.26	10985.79	9889.05	8689.86	8110.75	7347.33	6699.57
72.5	9813.20	8526.48	7166.80	6383.41	5673.02	4969.76	4253.62	3913.45	3396.76	3064.04
75.0	4773.01	4065.55	3364.04	2823.12	2269.34	2033.10	1831.58	1775.16	1671.71	1510.64
77.5	2103.48	1784.85	1457.61	1306.02	1167.50	1058.85	952.74	933.20	885.69	808.56
80.0	917.34	810.05	698.13	655.99	619.79	573.85	525.90	504.27	466.84	421.87
82.5	402.05	362.60	323.06	315.57	308.65	282.57	255.43	248.03	230.56	207.33
85.0	141.24	125.46	108.03	108.06	108.75	93.90	77.69	80.10	75.35	69.21
87.5	28.05	22.43	16.12	17.64	19.63	15.89	11.19	15.67	19.58	14.73
90.0	0.61	1.63	2.73	1.68	0.49	0.99	1.58	1.21	0.49	0.52
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
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**

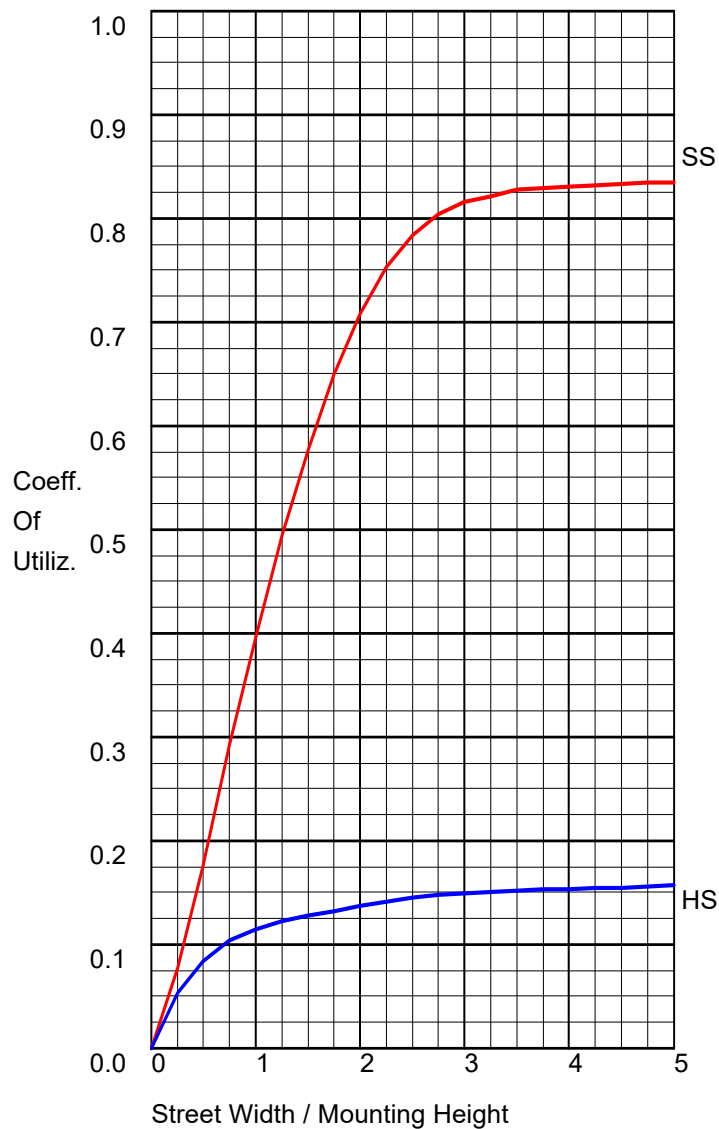
	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	1427.41	1427.41	1427.41	1427.41	1427.41
2.5	1472.35	1470.91	1471.67	1472.31	1472.28
5.0	1530.48	1531.22	1531.75	1532.00	1533.27
7.5	1624.97	1626.57	1626.07	1626.04	1626.69
10.0	1770.32	1772.01	1771.28	1771.84	1773.24
12.5	1941.07	1943.44	1942.51	1943.81	1946.14
15.0	2117.25	2119.43	2118.71	2120.75	2123.77
17.5	2342.11	2346.64	2347.47	2351.33	2356.06
20.0	2648.50	2655.77	2658.08	2664.77	2672.51
22.5	3015.48	3026.01	3031.26	3040.78	3051.18
25.0	3404.48	3417.52	3425.85	3437.06	3448.78
27.5	3813.84	3830.68	3842.57	3857.28	3872.42
30.0	4267.55	4293.11	4314.08	4332.35	4350.24
32.5	4808.95	4844.93	4873.64	4900.64	4927.42
35.0	5483.13	5536.58	5578.51	5612.58	5645.77
37.5	6304.01	6362.60	6406.85	6462.71	6519.76
40.0	7115.94	7173.05	7218.04	7240.37	7260.62
42.5	7633.68	7666.00	7694.01	7713.14	7731.53
45.0	8011.58	8050.12	8088.33	8112.58	8135.77
47.5	8434.32	8503.43	8570.98	8608.30	8643.52
50.0	8998.22	9075.85	9148.78	9194.79	9239.10
52.5	9945.33	10022.52	10092.79	10152.25	10211.09
55.0	10952.49	11031.35	11107.84	11202.75	11298.63
57.5	12936.56	13025.39	13101.88	13196.89	13292.78
60.0	14004.40	13986.82	13970.55	13991.14	14013.32
62.5	14040.79	13983.91	13932.56	13931.50	13932.40
65.0	13431.05	13310.25	13197.92	13134.57	13072.93
67.5	10634.55	10290.92	9967.93	9704.08	9442.06
70.0	6061.63	5798.01	5555.29	5360.94	5167.90
72.5	2744.87	2618.56	2501.58	2424.21	2347.77
75.0	1345.95	1329.17	1318.49	1246.37	1173.00
77.5	729.89	696.44	664.53	646.98	629.67
80.0	376.59	355.05	334.16	313.25	292.34
82.5	183.91	174.47	165.32	150.68	135.98
85.0	63.03	58.36	53.71	52.56	51.44
87.5	9.76	9.56	9.39	8.82	8.25
90.0	0.56	0.55	0.54	0.60	0.67
92.5	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00
<b>135.0</b>	0.00	0.00	0.00	0.00	0.00
<b>137.5</b>	0.00	0.00	0.00	0.00	0.00
<b>140.0</b>	0.00	0.00	0.00	0.00	0.00
<b>142.5</b>	0.00	0.00	0.00	0.00	0.00
<b>145.0</b>	0.00	0.00	0.00	0.00	0.00
<b>147.5</b>	0.00	0.00	0.00	0.00	0.00
<b>150.0</b>	0.00	0.00	0.00	0.00	0.00
<b>152.5</b>	0.00	0.00	0.00	0.00	0.00
<b>155.0</b>	0.00	0.00	0.00	0.00	0.00
<b>157.5</b>	0.00	0.00	0.00	0.00	0.00
<b>160.0</b>	0.00	0.00	0.00	0.00	0.00
<b>162.5</b>	0.00	0.00	0.00	0.00	0.00
<b>165.0</b>	0.00	0.00	0.00	0.00	0.00
<b>167.5</b>	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00

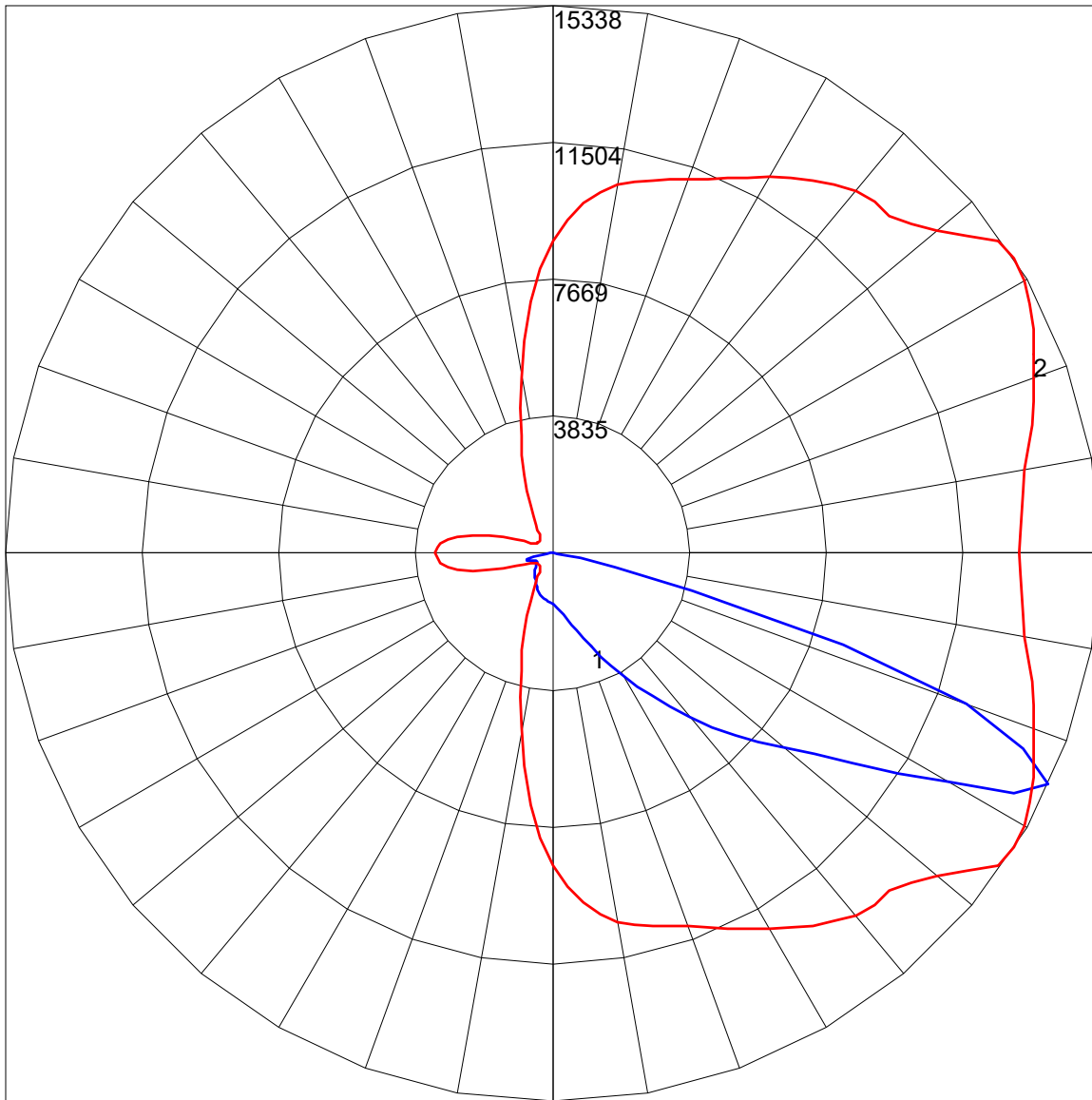
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	18524.2	83.8
Downward House Side	3594.0	16.2
Downward Total	22118.2	100.0
Upward Street Side	0.1	0.0
Upward House Side	0.0	0.0
Upward Total	0.1	0.0
Total Flux	22118.3	100.0

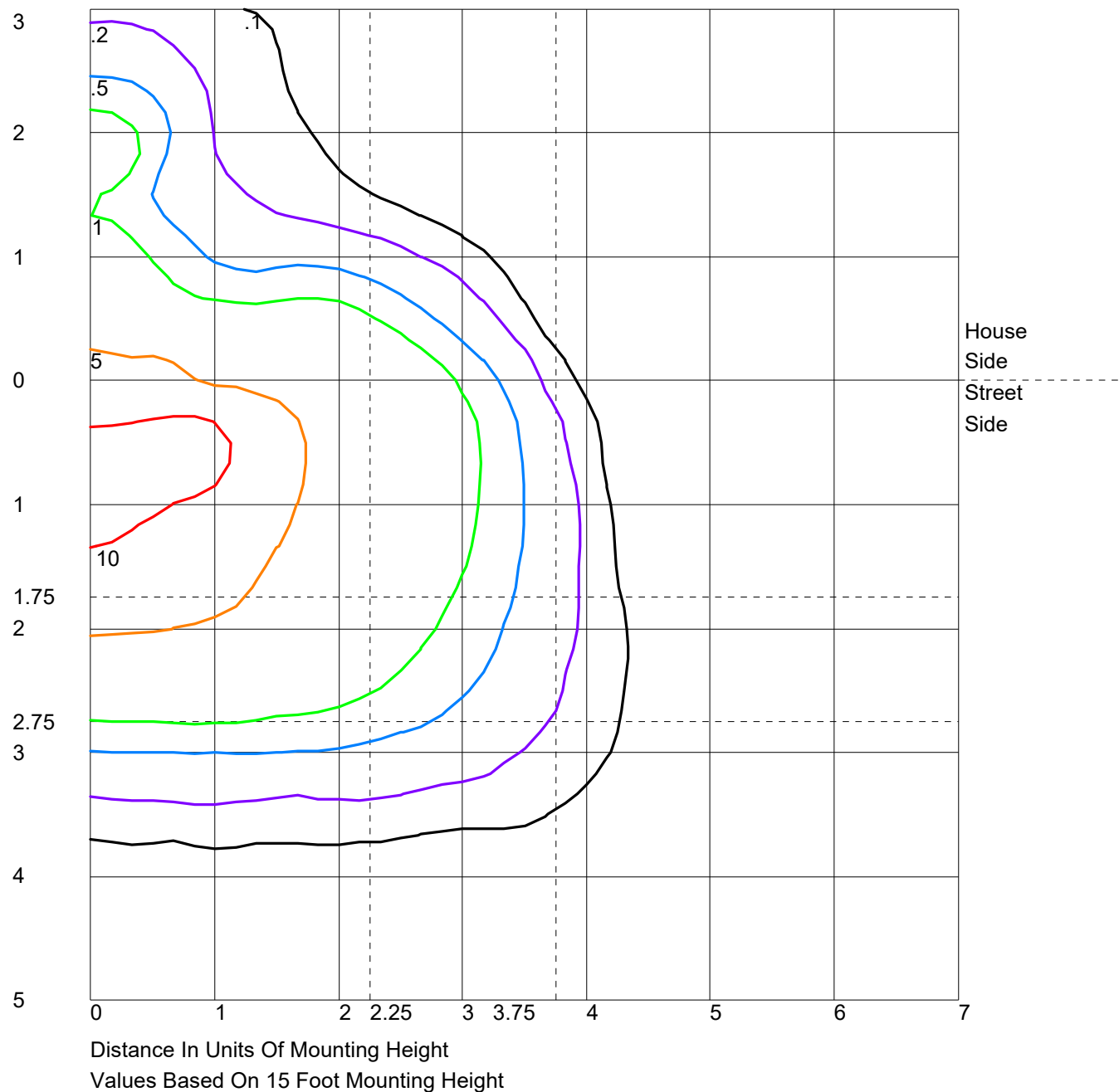
POLAR GRAPH



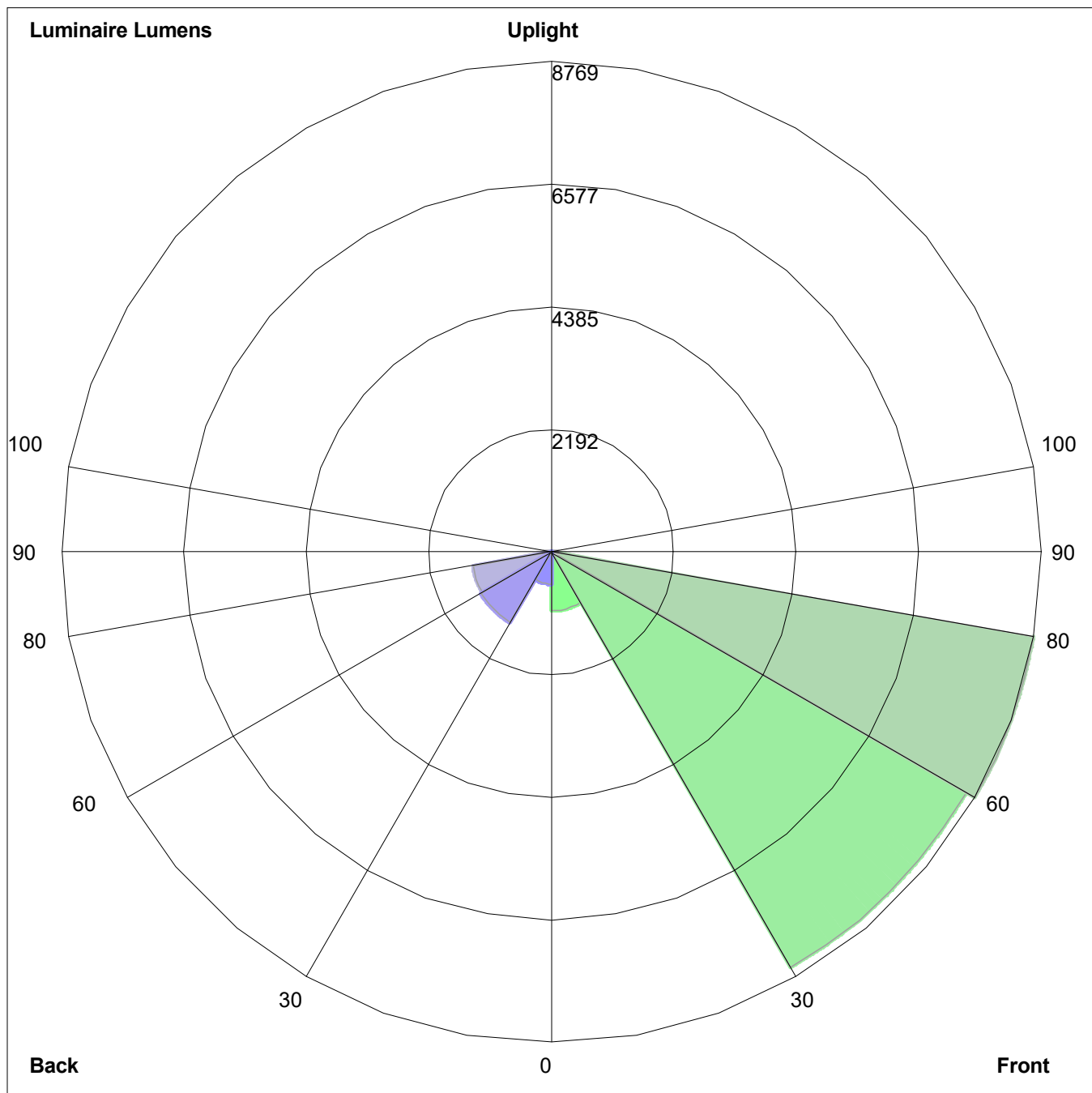
Maximum Candela = 15338.38 Located At Horizontal Angle = 32.5, Vertical Angle = 65  
# 1 - Vertical Plane Through Horizontal Angles (32.5 - 212.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)



ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1049.1, Medium=8585.2, High=8769.2, Very High=120.7  
Back: Low=568.6, Medium=1459.7, High=1427.3, Very High=138.4  
Uplight: Low=0.1, High=0.0

BUG Rating : B3-U1-G4