



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] 06853  
[TESTLAB] A.L.P.-LEXALITE  
[ISSUEDATE] 11/26/2019  
[MANUFAC] EVLUMA  
[LUMCAT]  
[LUMINAIRE] OLS-2-AA3-8F-3 AND 70 WATT 5000K OMNIMAX L.C.L. 2.5" BELOW TOP RIM  
[LAMP] EVLUMA OMNI-70-5K-MO  
[OPERATING\_ORIENTATION] POST TOP  
[DRIVER] INTERNAL  
[STABILIZATION] 65 MINUTES  
[OPERATING\_TIME] 95 MINUTES  
[POWER\_FACTOR] .996  
[WATTS] 71.42 @ 119.97 VOLTS  
[VOLTS] 119.97  
[CURRENT] .5975  
[NOTE] DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)  
[TEST\_DISTANCE] 22.25 FEET  
[TEMPERATURE] 24.4  
[INSTRUMENT] GONIOPHOTOMETER  
[PROCEDURE] IESNA LM-79-08  
[LUMENS\_PER\_WATT] 95.96

**CHARACTERISTICS**

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6852
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	71.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.14
Maximum Candela	5610.35
Maximum Candela Angle	285H 65V
Maximum Candela (<90 Degrees Vertical)	5610.35
Maximum Candela Angle (<90 Degrees Vertical)	285H 65V
Maximum Candela At 90 Degrees Vertical	629.684 (9.2% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2443.08 (35.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	186.7	N.A.	2.7
FM - Front-Medium (30-60)	1116.2	N.A.	16.3
FH - Front-High (60-80)	2345.4	N.A.	34.2
FVH - Front-Very High (80-90)	426.7	N.A.	6.2
BL - Back-Low (0-30)	112.1	N.A.	1.6
BM - Back-Medium (30-60)	542.1	N.A.	7.9
BH - Back-High (60-80)	865.9	N.A.	12.6
BVH - Back-Very High (80-90)	282.7	N.A.	4.1
UL - Uplight-Low (90-100)	357.5	N.A.	5.2
UH - Uplight-High (100-180)	616.8	N.A.	9.0
Total	6852.1	N.A.	100.0
BUG Rating	B2-U4-G3		

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**CANDELA TABULATION**

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>5.0</u>	<u>15.0</u>	<u>25.0</u>	<u>35.0</u>	<u>45.0</u>	<u>55.0</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>
0.0	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
2.5	176.971	171.995	164.026	163.469	164.696	165.411	167.486	169.027	168.989	168.999
5.0	177.214	177.084	175.449	172.161	168.223	168.949	170.037	169.453	169.308	169.122
7.5	195.670	196.546	196.571	198.868	200.064	197.089	194.577	193.291	193.618	193.079
10.0	225.442	226.314	227.889	235.406	240.400	243.891	243.162	238.008	236.442	233.946
12.5	260.299	261.357	264.679	272.148	284.757	293.924	298.710	294.095	291.898	288.321
15.0	308.006	308.204	314.563	331.912	355.982	376.772	387.876	382.793	379.644	373.151
17.5	359.750	361.122	369.149	398.253	438.105	477.123	500.550	500.763	497.755	489.558
20.0	400.091	401.652	412.992	446.791	496.994	547.828	588.179	584.949	577.140	567.093
22.5	425.627	426.802	438.740	474.032	531.198	607.217	667.616	666.204	658.078	644.821
25.0	414.004	415.080	428.335	461.955	518.901	611.021	690.720	692.646	684.355	670.909
27.5	425.014	424.514	431.470	461.635	524.176	619.010	697.453	701.165	690.997	680.306
30.0	442.636	441.122	441.333	467.854	530.569	626.813	711.943	707.793	700.302	681.725
32.5	548.061	545.055	529.968	554.870	636.055	746.693	839.557	852.344	849.460	836.483
35.0	617.480	610.101	585.513	614.159	697.131	810.992	922.917	975.792	991.686	999.060
37.5	619.941	611.933	587.079	616.387	696.067	809.872	936.009	1036.900	1081.080	1108.520
40.0	577.817	571.965	550.996	579.957	651.038	742.024	878.989	1027.840	1090.540	1125.600
42.5	565.014	557.221	538.999	561.264	630.175	701.985	811.784	942.801	1008.650	1047.760
45.0	653.402	647.384	618.766	640.828	729.191	799.800	859.008	947.406	1025.100	1084.690
47.5	721.596	718.923	677.411	705.013	797.763	861.328	888.588	960.075	1031.320	1113.100
50.0	753.963	746.336	704.093	741.994	844.534	924.011	950.313	1016.240	1082.410	1168.040
52.5	723.241	715.559	672.721	711.148	820.569	926.597	967.016	1028.730	1092.800	1185.470
55.0	754.872	748.861	727.238	766.151	922.137	1070.230	1129.700	1187.700	1252.760	1344.440
57.5	954.987	958.366	946.571	990.909	1268.490	1549.740	1631.660	1687.190	1773.500	1855.140
60.0	1258.770	1261.720	1225.280	1290.210	1658.320	2095.620	2316.950	2464.880	2612.900	2762.450
62.5	1464.850	1450.250	1387.850	1486.540	1888.990	2424.830	2898.370	3242.690	3475.130	3748.730
65.0	1550.890	1538.050	1468.950	1570.510	1933.170	2451.690	3114.570	3577.130	3862.650	4161.500
67.5	1556.820	1520.580	1434.160	1520.510	1845.940	2278.190	3055.230	3608.280	3880.580	4143.790
70.0	1465.820	1445.250	1344.810	1395.440	1670.560	1945.790	2763.040	3369.500	3664.900	3909.050
72.5	1339.970	1318.640	1218.470	1271.320	1479.350	1669.300	2283.360	2836.500	3115.660	3377.100
75.0	1285.280	1273.860	1168.880	1178.410	1368.140	1513.310	1999.470	2442.790	2673.710	2901.870
77.5	1121.140	1104.800	1017.350	1040.560	1224.350	1358.490	1751.780	2124.290	2321.350	2494.870
80.0	959.164	944.192	880.862	905.308	1079.820	1196.020	1502.750	1783.440	1940.400	2088.750
82.5	798.376	796.956	758.368	783.407	930.049	1002.770	1239.170	1426.120	1550.310	1655.690
85.0	578.130	577.618	560.848	586.015	684.220	720.799	906.463	1042.240	1129.410	1204.710
87.5	434.498	436.061	434.516	472.010	545.284	557.871	673.468	729.561	774.898	819.313
90.0	306.241	306.876	307.699	336.892	386.441	418.444	497.139	527.910	559.049	589.636
92.5	248.176	247.380	243.317	256.224	288.552	324.417	384.646	413.508	439.143	461.360
95.0	215.754	214.680	209.734	217.422	244.339	271.674	317.515	342.456	361.073	379.390
97.5	184.711	184.226	180.596	185.929	206.804	225.135	257.666	279.040	294.655	309.538
100.0	163.049	162.053	159.392	162.973	178.977	186.805	210.109	229.435	243.197	254.577
102.5	154.777	153.975	152.092	154.606	164.953	167.809	185.004	200.331	211.118	220.211
105.0	160.223	158.793	156.646	156.539	165.017	167.162	180.002	192.822	201.259	208.393
107.5	161.874	160.310	155.754	153.149	161.778	166.813	179.257	193.295	201.876	209.292
110.0	159.427	157.692	151.718	148.914	156.755	161.993	179.926	197.116	205.959	213.684
112.5	148.843	147.288	141.717	138.659	146.190	151.331	174.525	194.565	204.849	213.119
115.0	135.850	134.527	130.360	128.683	134.897	140.232	168.972	189.042	199.081	207.556
117.5	131.492	130.106	126.337	126.000	131.655	139.579	171.265	189.755	198.255	205.395
120.0	127.984	126.628	122.817	123.042	128.245	137.794	171.446	191.317	200.324	208.021
122.5	119.743	118.498	115.538	116.953	122.059	132.919	166.296	188.342	198.052	207.052
125.0	111.457	110.319	108.382	110.151	115.349	128.067	160.611	182.758	192.631	201.510
127.5	105.242	104.026	102.511	104.784	111.114	123.643	153.738	173.128	181.806	189.976
130.0	100.052	99.150	97.907	100.048	105.461	116.352	144.222	162.874	171.417	179.506

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**CANDELA TABULATION - (Cont.)**

<b>132.5</b>	94.051	93.548	92.988	94.213	98.668	109.279	137.313	155.802	164.317	171.676
<b>135.0</b>	88.381	87.899	87.606	88.994	93.737	105.063	133.899	152.596	160.714	166.736
<b>137.5</b>	84.042	83.544	83.083	84.397	88.933	101.450	132.381	150.181	156.777	161.908
<b>140.0</b>	81.131	80.523	79.728	80.568	85.776	101.023	134.772	151.002	156.312	159.907
<b>142.5</b>	78.764	78.147	77.137	77.840	84.203	102.485	138.473	153.540	158.177	160.858
<b>145.0</b>	76.671	76.306	75.514	76.773	84.786	105.714	142.437	156.494	160.819	163.532
<b>147.5</b>	73.466	73.142	72.446	74.080	82.757	105.011	140.320	154.188	158.458	160.956
<b>150.0</b>	69.234	68.981	68.719	70.978	80.504	101.977	132.302	144.219	148.424	150.902
<b>152.5</b>	64.563	64.365	64.254	67.133	76.593	95.391	119.800	129.504	133.081	135.011
<b>155.0</b>	59.203	59.037	59.341	62.421	71.100	86.306	104.221	111.297	114.168	115.720
<b>157.5</b>	53.026	53.033	53.512	56.593	64.250	75.997	88.460	93.758	95.301	96.790
<b>160.0</b>	47.382	47.341	47.913	50.782	57.013	65.873	74.186	77.525	78.317	79.458
<b>162.5</b>	42.385	42.264	42.620	45.074	49.580	56.067	61.748	63.828	64.174	64.695
<b>165.0</b>	37.373	37.334	37.565	39.219	42.808	47.245	51.007	52.066	52.184	52.429
<b>167.5</b>	32.614	32.584	32.618	33.801	36.118	38.974	41.197	41.779	41.713	41.898
<b>170.0</b>	28.315	28.183	27.990	28.496	29.369	30.986	32.483	33.197	33.205	33.473
<b>172.5</b>	25.070	24.805	24.704	24.894	25.281	25.646	26.262	26.702	26.632	26.789
<b>175.0</b>	25.919	25.620	25.404	25.623	26.085	26.276	26.580	26.690	26.741	26.797
<b>177.5</b>	26.686	26.374	26.168	26.417	26.856	27.075	27.312	27.398	27.435	27.463
<b>180.0</b>	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>
<b>0.0</b>	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
<b>2.5</b>	168.383	167.802	166.725	165.558	164.924	165.200	166.074	166.829	167.314	168.195
<b>5.0</b>	169.279	168.889	168.524	168.739	168.392	168.040	167.298	166.825	166.132	164.659
<b>7.5</b>	193.519	192.866	191.739	191.355	189.868	189.666	188.264	186.419	185.678	183.646
<b>10.0</b>	232.964	230.240	228.187	226.093	223.622	221.605	218.442	215.087	213.426	209.505
<b>12.5</b>	286.024	281.859	276.841	272.115	267.434	262.513	256.512	250.841	246.900	241.582
<b>15.0</b>	368.370	361.290	350.769	342.393	331.649	323.642	311.861	300.286	291.771	282.364
<b>17.5</b>	480.938	471.363	456.189	439.789	422.371	408.740	389.361	368.838	354.032	336.706
<b>20.0</b>	556.193	542.201	525.300	504.528	486.849	466.628	444.085	420.565	401.319	379.848
<b>22.5</b>	628.044	609.998	587.358	562.737	537.866	510.968	486.176	460.437	435.004	408.937
<b>25.0</b>	653.199	632.088	608.785	582.088	555.829	529.379	502.559	475.780	448.505	422.507
<b>27.5</b>	661.891	641.792	618.380	594.037	566.576	537.598	508.644	478.537	450.706	424.129
<b>30.0</b>	661.193	639.019	614.228	586.564	557.680	527.874	500.927	472.899	445.534	420.093
<b>32.5</b>	824.303	800.802	775.671	733.876	692.265	637.983	589.357	541.092	499.677	460.870
<b>35.0</b>	994.889	979.252	953.969	910.671	852.060	787.273	713.057	642.320	580.422	529.028
<b>37.5</b>	1115.090	1101.640	1075.580	1029.610	961.972	886.240	803.433	717.372	641.762	580.185
<b>40.0</b>	1131.600	1117.070	1079.100	1029.870	966.181	901.176	826.258	743.756	666.695	605.165
<b>42.5</b>	1057.650	1053.600	1032.050	993.001	944.743	888.055	820.273	742.415	668.096	611.749
<b>45.0</b>	1114.040	1127.940	1125.430	1101.490	1046.460	969.221	882.334	791.613	707.927	640.034
<b>47.5</b>	1182.270	1227.760	1250.700	1243.730	1194.300	1112.820	1001.180	882.481	780.840	697.564
<b>50.0</b>	1272.620	1342.320	1384.080	1380.730	1342.440	1263.120	1149.770	1014.920	895.414	792.679
<b>52.5</b>	1292.330	1381.890	1435.180	1438.860	1414.420	1353.310	1256.660	1127.020	996.418	875.343
<b>55.0</b>	1463.680	1561.670	1616.900	1629.780	1598.680	1513.760	1402.710	1261.660	1108.730	964.369
<b>57.5</b>	2009.250	2093.640	2179.650	2176.130	2102.140	1989.640	1806.430	1588.170	1379.610	1180.670
<b>60.0</b>	3002.080	3151.680	3358.520	3403.360	3368.350	3205.770	2914.720	2508.650	2139.170	1759.050
<b>62.5</b>	4045.130	4343.910	4636.990	4797.130	4812.690	4630.360	4274.750	3775.390	3227.160	2668.390
<b>65.0</b>	4470.200	4803.630	5089.290	5310.650	5379.930	5236.320	4902.110	4436.870	3872.770	3280.760
<b>67.5</b>	4408.390	4701.080	4929.790	5106.150	5150.430	5023.600	4732.520	4346.100	3906.440	3411.520
<b>70.0</b>	4078.210	4264.620	4458.520	4647.500	4716.060	4619.610	4376.100	4085.200	3686.710	3223.790
<b>72.5</b>	3580.140	3778.070	3893.130	4053.640	4066.690	3982.160	3761.230	3485.350	3158.860	2751.650
<b>75.0</b>	3077.650	3253.200	3377.480	3514.160	3545.920	3462.560	3278.050	3027.240	2742.560	2364.850
<b>77.5</b>	2610.760	2733.370	2816.200	2897.120	2920.120	2843.950	2695.560	2504.080	2267.550	1955.940

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**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	2196.080	2309.890	2371.910	2442.010	2443.080	2372.330	2240.080	2061.920	1842.100	1562.520
<b>82.5</b>	1741.720	1814.750	1854.040	1896.490	1874.910	1812.640	1695.710	1557.900	1382.010	1157.500
<b>85.0</b>	1267.740	1326.950	1328.430	1332.110	1299.670	1239.110	1139.190	1037.310	920.176	768.812
<b>87.5</b>	849.377	883.728	881.763	878.306	867.707	825.384	767.207	697.339	622.910	536.909
<b>90.0</b>	608.390	629.260	629.684	628.676	618.375	596.632	564.606	519.796	470.276	416.104
<b>92.5</b>	474.446	485.558	494.274	496.763	490.490	478.359	452.778	421.926	385.067	344.330
<b>95.0</b>	390.103	400.993	408.909	413.504	410.773	403.086	383.252	358.446	330.574	297.552
<b>97.5</b>	318.535	328.619	335.032	339.242	338.648	331.587	316.863	296.602	275.016	249.716
<b>100.0</b>	261.773	270.776	277.092	282.329	282.923	278.997	268.500	253.294	235.644	216.768
<b>102.5</b>	226.799	233.758	240.345	246.117	247.928	245.707	238.190	226.103	213.131	198.601
<b>105.0</b>	214.628	220.917	226.370	232.588	234.849	232.581	225.526	214.909	203.414	190.732
<b>107.5</b>	215.555	220.893	225.970	231.192	233.742	231.478	224.235	212.632	200.046	186.980
<b>110.0</b>	219.679	225.607	230.370	234.744	237.128	234.298	225.409	212.456	197.829	183.130
<b>112.5</b>	220.303	226.708	232.277	236.186	236.745	232.305	222.308	209.117	192.495	175.987
<b>115.0</b>	214.170	220.233	224.902	228.498	228.583	224.331	214.824	201.719	185.947	169.466
<b>117.5</b>	212.262	219.173	224.794	229.010	229.373	225.025	216.539	203.529	187.778	170.912
<b>120.0</b>	216.260	224.321	231.185	235.961	236.052	230.366	220.657	208.014	192.083	173.240
<b>122.5</b>	215.836	224.002	229.946	233.841	232.225	225.545	214.056	199.466	182.517	163.264
<b>125.0</b>	210.331	217.504	221.972	224.564	221.780	214.081	201.797	187.135	170.142	151.310
<b>127.5</b>	197.060	202.822	206.313	206.658	203.227	195.536	184.097	169.920	154.849	138.385
<b>130.0</b>	186.254	191.336	193.422	192.843	189.116	182.297	171.332	157.431	142.728	127.778
<b>132.5</b>	177.527	181.315	182.493	181.142	176.834	169.792	158.870	146.234	132.408	118.820
<b>135.0</b>	171.264	173.405	173.562	170.772	165.877	158.320	148.240	136.379	123.703	111.333
<b>137.5</b>	164.342	165.542	164.431	161.572	156.606	149.595	140.309	129.262	117.751	106.654
<b>140.0</b>	161.570	161.899	160.048	156.874	151.474	144.916	136.113	126.230	115.957	106.062
<b>142.5</b>	161.703	161.021	159.424	156.058	151.246	144.971	137.117	128.489	119.140	110.264
<b>145.0</b>	164.172	163.339	161.430	158.360	153.894	148.402	141.256	133.219	124.689	116.317
<b>147.5</b>	161.918	161.533	159.772	156.768	152.585	147.299	140.736	133.505	125.890	118.152
<b>150.0</b>	151.869	151.214	150.113	147.374	143.498	138.839	133.240	127.259	120.831	114.131
<b>152.5</b>	135.935	135.210	134.026	131.631	128.195	124.466	119.858	115.129	110.117	104.095
<b>155.0</b>	116.761	116.302	115.504	113.575	110.960	108.002	104.010	100.512	96.374	91.861
<b>157.5</b>	97.438	96.981	96.739	95.465	93.488	91.246	88.319	85.999	82.831	79.467
<b>160.0</b>	80.045	79.584	79.401	78.593	77.125	75.791	73.778	72.080	70.175	67.812
<b>162.5</b>	65.421	65.143	64.543	64.263	63.300	62.481	61.047	59.944	58.737	57.259
<b>165.0</b>	52.748	52.601	52.194	52.044	51.462	51.109	50.274	49.666	49.050	48.039
<b>167.5</b>	42.146	42.158	41.899	41.931	41.778	41.424	40.983	40.656	40.373	39.855
<b>170.0</b>	33.735	33.707	33.789	33.780	33.677	33.551	33.223	32.894	32.809	32.487
<b>172.5</b>	26.983	27.030	27.145	27.194	27.144	27.039	27.077	26.906	26.920	26.862
<b>175.0</b>	26.821	26.889	27.000	27.089	26.986	27.007	27.039	27.105	27.087	27.106
<b>177.5</b>	27.469	27.561	27.579	27.690	27.610	27.532	27.535	27.614	27.646	27.627
<b>180.0</b>	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

	<b><u>92.5</u></b>	<b><u>95.0</u></b>	<b><u>97.5</u></b>	<b><u>100.0</u></b>	<b><u>102.5</u></b>	<b><u>105.0</u></b>	<b><u>107.5</u></b>	<b><u>110.0</u></b>	<b><u>112.5</u></b>	<b><u>115.0</u></b>
<b>0.0</b>	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
<b>2.5</b>	168.843	168.609	168.752	168.502	168.150	167.864	167.188	166.593	166.041	165.359
<b>5.0</b>	163.045	162.799	162.130	162.304	162.408	162.652	162.398	162.282	161.391	160.443
<b>7.5</b>	181.801	180.799	179.607	178.385	177.339	175.568	174.235	172.879	172.208	171.219
<b>10.0</b>	206.462	204.789	202.284	199.834	197.480	194.460	192.284	190.554	189.125	186.978
<b>12.5</b>	235.582	231.672	226.962	222.898	218.175	213.956	210.858	208.068	205.511	202.315
<b>15.0</b>	272.117	264.216	256.576	249.953	243.726	237.487	232.732	228.142	224.484	219.942
<b>17.5</b>	320.980	307.215	295.432	283.864	274.603	265.682	258.903	252.899	248.034	242.563
<b>20.0</b>	360.451	343.790	328.079	315.297	304.656	295.391	287.741	280.910	275.336	270.031
<b>22.5</b>	386.982	366.606	349.309	334.990	323.446	313.627	305.637	298.915	293.118	288.062
<b>25.0</b>	398.925	378.348	360.734	347.260	336.663	328.477	321.413	315.036	309.791	305.493

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

27.5	400.663	379.794	362.900	349.946	339.279	330.631	323.945	317.967	313.212	309.422
30.0	397.639	379.858	365.095	353.041	343.107	334.991	328.357	323.525	319.637	317.150
32.5	432.136	408.605	388.678	374.215	362.248	353.617	345.533	340.046	336.962	334.218
35.0	490.117	460.143	434.897	416.898	402.404	392.461	384.313	378.202	373.832	370.304
37.5	536.008	503.945	476.868	455.280	440.275	430.378	420.861	412.262	406.952	402.653
40.0	562.673	530.637	505.247	484.377	467.760	455.397	444.446	435.300	428.497	424.233
42.5	570.505	540.562	516.186	496.834	480.058	468.944	459.265	450.908	444.929	440.736
45.0	594.219	563.598	541.832	526.334	514.488	508.441	502.919	496.773	491.005	488.498
47.5	642.954	609.534	584.393	568.443	558.573	554.480	549.531	548.398	547.250	547.298
50.0	720.630	668.892	630.936	604.508	586.033	579.247	575.611	571.220	572.647	575.088
52.5	776.207	696.188	637.124	597.025	569.571	550.001	541.964	535.801	530.791	530.532
55.0	836.200	735.332	655.483	595.837	553.028	523.312	503.466	494.803	485.598	479.352
57.5	1000.540	855.931	740.507	654.793	590.567	550.339	520.498	502.527	494.941	487.508
60.0	1452.130	1201.940	1000.220	857.778	756.104	693.010	651.636	625.289	618.583	609.880
62.5	2175.390	1757.090	1422.330	1170.520	992.975	888.218	821.198	785.331	771.884	760.815
65.0	2688.390	2164.210	1750.750	1422.010	1166.380	1012.330	916.546	866.893	845.083	836.236
67.5	2850.920	2302.310	1853.900	1505.160	1220.890	1032.200	923.804	866.356	841.455	831.951
70.0	2694.270	2178.380	1768.340	1462.840	1198.960	1005.960	897.496	844.169	825.508	821.760
72.5	2313.160	1870.410	1519.820	1270.600	1063.460	895.406	800.661	757.042	745.750	748.784
75.0	1977.920	1602.770	1312.370	1102.690	940.478	805.786	731.769	697.931	696.792	707.038
77.5	1645.980	1344.360	1113.410	948.959	822.945	717.035	658.626	632.147	637.784	652.409
80.0	1292.830	1051.480	885.008	762.500	675.738	601.653	563.626	549.678	558.030	576.290
82.5	939.975	764.760	654.309	575.215	524.357	481.696	464.167	459.557	472.278	495.221
85.0	640.321	537.072	473.048	425.834	398.805	375.002	368.917	368.328	385.880	409.514
87.5	467.367	407.202	364.661	335.374	319.829	306.379	306.733	308.564	329.168	355.181
90.0	368.354	328.556	298.238	278.195	268.518	260.925	265.624	269.614	292.320	320.248
92.5	307.401	277.736	254.573	239.349	234.389	231.679	237.109	243.767	267.070	293.904
95.0	270.002	245.679	225.446	212.966	209.513	207.830	212.968	220.822	240.250	262.340
97.5	229.157	210.291	194.250	184.365	182.720	182.822	188.250	194.608	208.743	227.245
100.0	200.852	185.834	173.145	165.534	163.987	164.301	170.679	174.178	183.806	199.609
102.5	184.642	171.500	161.094	154.881	153.096	153.266	156.368	157.551	164.767	175.771
105.0	179.320	168.347	158.766	152.385	149.034	147.348	147.928	147.955	152.067	157.313
107.5	175.282	164.377	155.403	149.677	145.666	143.123	142.575	142.358	143.697	146.086
110.0	169.545	157.559	148.291	141.975	136.536	133.311	131.876	131.359	131.054	131.891
112.5	160.627	147.698	138.403	131.760	126.309	122.733	120.951	119.809	118.831	118.677
115.0	153.501	139.894	129.882	122.588	117.015	113.156	110.626	108.854	107.450	106.584
117.5	153.482	138.582	127.357	118.738	112.450	108.047	105.343	103.175	101.519	100.162
120.0	154.656	138.684	126.475	116.819	109.922	105.342	102.376	100.179	98.326	97.068
122.5	145.185	130.134	118.995	110.368	104.236	100.185	97.562	95.582	93.877	92.889
125.0	134.433	120.548	110.114	102.377	96.997	93.558	90.942	89.068	87.660	86.557
127.5	124.117	112.072	102.956	96.573	92.040	88.975	86.667	85.103	83.673	82.654
130.0	114.994	104.553	96.759	91.194	87.174	84.427	82.313	80.758	79.477	78.590
132.5	107.410	98.121	91.186	86.293	82.790	80.360	78.365	76.898	75.832	74.882
135.0	101.244	93.073	86.845	82.674	79.620	77.388	75.531	73.944	72.828	71.846
137.5	97.380	89.936	84.335	80.408	77.513	75.377	73.517	72.017	70.886	69.835
140.0	97.434	90.502	85.203	81.261	78.328	76.193	74.397	72.816	71.677	70.398
142.5	101.976	95.071	89.709	85.341	82.241	79.622	77.628	75.691	74.279	72.598
145.0	108.414	101.429	95.683	90.911	87.029	83.738	81.253	78.686	76.798	74.714
147.5	110.777	104.124	98.393	93.412	89.217	85.558	82.368	79.401	77.075	74.916
150.0	107.948	101.937	96.353	91.507	87.206	83.550	80.211	77.220	74.676	72.588
152.5	98.997	94.043	89.169	85.033	81.004	77.878	74.840	72.242	69.790	67.923
155.0	87.606	83.626	79.734	76.485	73.006	70.551	67.952	65.685	63.632	62.049
157.5	76.203	73.327	70.387	67.877	65.283	63.147	61.005	59.256	57.722	56.153
160.0	65.806	63.660	61.637	59.764	57.807	56.229	54.631	53.426	52.201	51.019
162.5	55.938	54.451	53.430	52.034	50.740	49.601	48.556	47.765	46.944	45.982
165.0	47.302	46.325	45.705	44.866	43.934	43.237	42.517	42.049	41.612	41.074

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	39.586	38.914	38.631	38.157	37.591	37.230	36.766	36.533	36.391	35.933
<b>170.0</b>	32.370	31.895	31.818	31.667	31.435	31.382	31.145	31.239	31.263	31.074
<b>172.5</b>	26.824	26.808	26.858	26.877	26.873	26.955	27.018	27.101	27.309	27.229
<b>175.0</b>	27.177	27.194	27.222	27.226	27.270	27.372	27.445	27.476	27.582	27.571
<b>177.5</b>	27.729	27.679	27.712	27.726	27.729	27.813	27.828	27.892	28.034	27.933
<b>180.0</b>	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

	<b>117.5</b>	<b>120.0</b>	<b>125.0</b>	<b>135.0</b>	<b>145.0</b>	<b>155.0</b>	<b>165.0</b>	<b>175.0</b>	<b>180.0</b>	<b>185.0</b>
<b>0.0</b>	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
<b>2.5</b>	164.322	163.458	161.969	157.799	152.752	148.327	150.498	153.933	161.678	159.363
<b>5.0</b>	159.798	158.902	156.528	152.184	147.342	145.102	144.479	145.833	163.013	160.990
<b>7.5</b>	171.169	170.315	169.290	163.938	160.218	157.115	157.607	159.860	173.590	172.202
<b>10.0</b>	185.697	183.433	181.655	178.796	175.359	173.405	171.631	173.357	185.046	183.705
<b>12.5</b>	200.199	198.036	194.968	189.886	188.857	187.659	186.886	187.399	198.982	197.904
<b>15.0</b>	217.178	214.134	209.743	203.542	201.459	201.920	201.744	204.064	213.985	213.476
<b>17.5</b>	239.612	235.017	229.699	221.381	218.540	216.479	217.570	219.031	227.629	227.147
<b>20.0</b>	266.351	262.178	257.424	250.657	248.392	244.285	239.551	238.553	249.663	247.616
<b>22.5</b>	284.321	281.448	277.219	273.709	275.054	275.419	272.338	269.753	279.197	277.078
<b>25.0</b>	302.186	299.764	296.254	296.200	297.686	298.915	297.569	296.548	303.218	301.541
<b>27.5</b>	307.136	305.135	303.954	306.426	314.895	321.602	321.753	319.870	324.968	323.207
<b>30.0</b>	315.671	314.599	314.218	319.419	331.392	338.531	340.282	339.653	340.183	339.253
<b>32.5</b>	332.161	330.083	327.386	335.041	349.314	357.298	357.489	353.623	354.049	351.329
<b>35.0</b>	367.383	364.986	362.797	372.527	384.570	390.391	386.575	379.586	383.432	379.381
<b>37.5</b>	400.052	396.779	396.053	408.118	424.975	431.402	425.116	415.280	418.288	414.794
<b>40.0</b>	420.752	418.637	417.791	431.829	454.694	462.803	454.144	441.011	439.829	437.391
<b>42.5</b>	438.631	437.241	434.452	441.421	466.805	481.394	475.948	461.933	459.036	456.279
<b>45.0</b>	486.331	485.629	476.374	456.286	471.131	483.926	479.757	470.980	463.708	462.274
<b>47.5</b>	546.320	543.009	528.362	486.394	472.711	467.675	456.148	451.609	435.367	433.663
<b>50.0</b>	575.535	571.401	552.019	505.108	468.710	449.140	427.050	414.835	400.641	399.481
<b>52.5</b>	535.483	535.102	528.854	492.997	470.143	442.793	412.346	391.083	379.688	378.644
<b>55.0</b>	478.226	480.292	481.006	470.815	479.003	454.965	418.010	389.913	384.592	382.497
<b>57.5</b>	483.695	484.553	488.738	495.441	514.333	490.764	445.762	415.983	415.099	412.158
<b>60.0</b>	604.419	605.936	610.633	613.051	612.244	566.056	504.840	466.205	468.396	463.727
<b>62.5</b>	756.681	762.152	770.576	773.796	754.482	688.285	600.272	542.455	542.896	534.419
<b>65.0</b>	834.128	844.219	863.260	898.353	875.872	797.659	698.430	632.152	626.668	613.694
<b>67.5</b>	833.230	846.428	882.119	939.043	937.620	859.340	760.406	701.612	697.820	680.700
<b>70.0</b>	827.556	844.820	886.374	947.540	950.619	873.479	784.711	742.478	734.628	722.142
<b>72.5</b>	758.062	772.506	817.355	878.605	898.173	839.851	769.910	738.548	726.186	717.161
<b>75.0</b>	718.793	736.407	783.995	817.566	833.996	793.574	743.262	714.379	693.986	688.163
<b>77.5</b>	665.623	687.974	735.419	764.840	783.093	752.275	719.393	686.931	665.782	662.373
<b>80.0</b>	592.210	612.633	658.672	682.868	705.120	695.684	680.481	652.719	634.215	630.957
<b>82.5</b>	514.275	534.208	585.244	607.622	640.803	643.440	642.999	610.992	598.705	596.750
<b>85.0</b>	429.687	449.998	503.786	542.101	592.823	609.100	617.471	585.377	577.497	577.738
<b>87.5</b>	376.876	399.077	454.006	503.559	565.226	588.123	597.266	567.297	563.625	563.731
<b>90.0</b>	343.582	368.055	423.642	478.458	542.094	566.005	578.754	554.042	549.390	551.874
<b>92.5</b>	318.870	340.640	398.190	457.048	521.229	541.223	556.835	535.843	534.727	535.099
<b>95.0</b>	288.830	307.155	362.940	427.334	494.833	509.387	522.061	510.040	507.871	504.202
<b>97.5</b>	249.315	264.566	311.857	381.001	454.923	463.752	475.031	470.033	460.662	454.236
<b>100.0</b>	214.432	225.553	260.618	322.537	392.530	403.364	398.994	404.791	396.838	392.142
<b>102.5</b>	183.197	189.676	214.628	267.665	326.504	330.873	324.688	337.316	332.553	329.619
<b>105.0</b>	161.282	165.528	180.624	221.800	268.723	264.791	259.665	273.196	265.438	262.291
<b>107.5</b>	147.595	149.121	156.787	182.521	214.510	207.846	199.377	214.385	209.864	209.866
<b>110.0</b>	132.272	132.591	136.390	153.294	172.745	164.858	158.536	172.748	169.973	169.887
<b>112.5</b>	117.967	117.969	119.628	131.445	145.722	139.149	132.277	138.975	133.765	133.752

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

<b>115.0</b>	105.491	105.286	106.294	115.730	127.143	121.474	113.001	113.702	107.758	107.441
<b>117.5</b>	99.053	98.516	98.895	106.483	115.001	109.790	99.697	95.858	90.192	89.581
<b>120.0</b>	95.836	95.172	95.021	100.979	107.609	102.363	90.723	84.583	79.542	78.616
<b>122.5</b>	91.748	91.164	90.841	95.534	101.310	96.422	84.809	77.362	72.497	71.669
<b>125.0</b>	85.591	84.998	84.920	89.231	94.737	90.826	80.304	72.113	67.325	66.626
<b>127.5</b>	81.758	81.249	80.774	83.725	88.360	84.781	75.522	67.496	63.331	62.417
<b>130.0</b>	77.603	77.043	76.361	78.283	81.888	78.876	70.360	63.339	60.084	59.201
<b>132.5</b>	73.966	73.143	72.484	73.166	75.317	72.560	65.838	59.933	57.303	56.552
<b>135.0</b>	70.848	69.984	69.019	68.289	69.211	66.936	62.067	57.489	54.958	54.249
<b>137.5</b>	68.818	67.892	66.520	64.662	64.829	62.737	58.961	55.248	53.110	52.554
<b>140.0</b>	69.203	68.106	66.241	63.121	62.289	60.173	56.525	53.483	51.814	51.175
<b>142.5</b>	71.165	69.909	67.469	63.135	61.219	58.706	55.151	52.104	50.461	49.742
<b>145.0</b>	73.024	71.550	68.850	64.051	60.993	57.366	53.940	50.856	48.834	47.979
<b>147.5</b>	73.035	71.443	68.894	64.264	60.538	56.116	52.574	49.311	47.416	46.550
<b>150.0</b>	70.730	69.187	66.731	62.673	58.702	54.072	50.579	47.984	46.291	45.456
<b>152.5</b>	66.221	64.753	62.429	58.957	55.636	51.661	48.626	46.573	44.957	44.181
<b>155.0</b>	60.567	59.261	57.309	54.783	52.456	49.216	46.761	45.041	43.786	43.019
<b>157.5</b>	55.104	54.071	52.530	50.919	49.489	47.058	44.897	43.307	42.397	41.729
<b>160.0</b>	50.167	49.454	48.452	47.444	46.352	44.499	42.845	41.558	40.714	40.077
<b>162.5</b>	45.324	44.860	44.251	43.641	42.936	41.668	40.337	39.324	38.226	37.611
<b>165.0</b>	40.767	40.458	40.176	39.834	39.399	38.397	37.209	36.133	35.112	34.620
<b>167.5</b>	35.855	35.728	35.644	35.737	35.604	34.714	33.822	32.988	32.293	31.944
<b>170.0</b>	31.115	31.136	31.394	31.707	31.709	31.077	30.509	30.276	29.866	29.657
<b>172.5</b>	27.358	27.477	27.902	28.435	28.960	28.730	28.178	27.890	27.485	27.247
<b>175.0</b>	27.573	27.614	27.645	27.797	27.874	27.652	27.248	27.184	27.405	27.167
<b>177.5</b>	27.944	27.918	27.944	27.925	27.971	27.683	27.205	27.226	27.448	27.191
<b>180.0</b>	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

**Vert. Horizontal Angles**

	<b>195.0</b>	<b>205.0</b>	<b>215.0</b>	<b>225.0</b>	<b>235.0</b>	<b>240.0</b>	<b>242.5</b>	<b>245.0</b>	<b>247.5</b>	<b>250.0</b>
<b>0.0</b>	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
<b>2.5</b>	155.667	154.602	155.639	160.944	167.398	168.537	169.079	169.665	170.439	171.197
<b>5.0</b>	157.577	156.322	161.144	167.908	172.184	174.525	175.612	176.804	178.072	179.347
<b>7.5</b>	169.731	170.899	176.185	180.747	187.301	190.607	191.706	192.961	194.868	196.377
<b>10.0</b>	183.715	185.323	189.034	194.806	201.545	205.154	207.287	209.311	211.872	214.364
<b>12.5</b>	198.476	198.694	201.795	207.461	215.027	219.434	222.242	225.409	229.362	232.534
<b>15.0</b>	213.019	212.689	214.061	218.419	226.855	233.011	236.326	240.306	245.066	249.562
<b>17.5</b>	225.904	225.195	226.408	230.393	239.841	246.631	250.422	255.291	260.460	265.437
<b>20.0</b>	245.171	242.537	244.733	249.456	258.764	265.572	270.176	274.964	280.202	285.507
<b>22.5</b>	274.270	269.205	269.743	271.749	278.959	285.714	289.902	294.477	299.236	304.861
<b>25.0</b>	297.348	292.905	290.168	290.329	294.967	299.663	303.166	307.111	311.412	316.776
<b>27.5</b>	317.891	312.931	305.741	300.289	302.200	305.292	307.647	310.680	314.506	318.222
<b>30.0</b>	334.449	329.342	319.570	312.291	313.766	317.697	320.313	323.584	326.778	330.850
<b>32.5</b>	350.958	349.051	339.147	328.784	328.521	331.867	335.847	338.902	343.466	348.056
<b>35.0</b>	379.408	379.756	373.720	362.409	361.248	364.762	367.710	370.976	375.770	382.362
<b>37.5</b>	415.309	417.232	413.750	401.665	396.156	400.063	402.531	405.364	410.958	417.282
<b>40.0</b>	440.040	444.818	446.503	434.708	428.580	430.660	433.023	436.177	440.915	446.393
<b>42.5</b>	459.681	464.168	461.620	447.864	453.236	454.976	458.028	459.581	464.624	470.210
<b>45.0</b>	461.179	464.572	464.024	458.613	484.949	497.944	504.392	508.936	513.150	514.659
<b>47.5</b>	434.934	442.713	454.346	469.662	512.606	541.307	554.994	563.101	566.144	563.594
<b>50.0</b>	408.631	424.663	442.193	461.870	512.529	546.248	558.267	565.223	566.836	568.225
<b>52.5</b>	393.573	418.925	443.750	447.893	473.752	496.823	502.262	510.412	513.863	521.228
<b>55.0</b>	398.195	430.533	457.412	447.176	449.117	459.042	465.154	470.471	478.600	488.935
<b>57.5</b>	426.114	462.068	489.767	472.734	462.284	466.708	471.670	478.783	492.570	502.085
<b>60.0</b>	483.163	527.621	574.806	567.481	567.604	584.446	597.060	606.503	625.325	637.376



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

62.5	560.779	626.395	695.667	699.777	705.651	726.389	746.206	759.349	775.512	788.531
65.0	628.738	709.947	796.079	808.113	799.204	818.732	829.446	839.595	848.661	863.639
67.5	684.726	751.786	837.381	853.076	836.163	848.940	854.371	857.976	864.195	871.471
70.0	705.778	754.047	817.588	822.809	791.904	796.106	791.408	786.841	788.207	794.871
72.5	697.660	724.272	756.403	764.558	754.279	758.148	745.474	740.663	732.590	730.065
75.0	684.934	700.424	711.279	710.542	700.219	693.295	684.779	676.744	664.513	657.782
77.5	665.053	670.874	645.583	632.862	631.534	619.480	609.247	597.751	583.580	572.368
80.0	631.248	628.810	584.906	568.605	570.242	557.552	539.535	523.673	506.959	492.898
82.5	598.543	596.771	543.691	514.553	495.524	476.626	456.243	433.907	414.279	396.417
85.0	580.613	576.455	522.455	486.731	461.485	430.443	406.076	380.821	357.831	338.612
87.5	568.223	562.656	510.916	473.552	439.722	407.250	381.142	353.439	328.501	306.528
90.0	555.187	545.476	499.306	460.887	424.041	387.551	360.797	332.951	306.570	284.272
92.5	534.547	521.602	481.260	442.838	399.756	356.803	330.738	306.897	279.428	258.308
95.0	499.908	482.113	449.806	411.818	353.452	309.808	288.940	267.578	243.560	226.442
97.5	446.238	429.385	404.024	364.139	294.800	258.413	239.702	224.757	208.506	195.205
100.0	380.377	357.363	340.504	300.425	233.165	205.727	190.865	182.526	171.697	163.077
102.5	308.931	291.459	276.937	240.671	180.205	161.468	152.789	148.652	142.375	138.466
105.0	249.870	227.222	219.875	189.803	144.447	133.263	129.525	127.530	124.937	123.285
107.5	195.595	177.459	174.126	152.609	124.328	118.097	116.778	115.904	115.086	114.029
110.0	157.021	144.145	144.990	131.360	112.517	108.354	107.976	107.858	107.784	107.512
112.5	127.782	122.354	125.344	117.297	103.167	100.734	100.737	100.731	101.251	101.595
115.0	106.128	106.357	111.626	105.899	94.831	92.973	93.261	93.569	94.299	94.911
117.5	90.826	95.380	102.329	97.484	88.392	86.734	87.219	87.848	88.587	89.320
120.0	81.242	87.441	95.771	92.229	84.430	83.299	83.739	84.391	85.136	85.973
122.5	74.950	82.179	90.041	87.460	80.421	79.548	79.790	80.450	81.023	81.814
125.0	69.897	77.211	84.235	82.027	75.867	75.010	75.389	75.915	76.469	77.246
127.5	65.698	72.485	78.458	76.733	71.907	71.375	71.757	72.215	72.993	73.692
130.0	62.248	67.810	72.537	71.314	68.005	67.455	67.671	68.200	68.817	69.603
132.5	58.609	62.527	65.665	65.136	63.133	63.105	63.309	63.812	64.363	65.108
135.0	55.581	58.208	59.905	59.879	59.105	59.341	59.590	60.088	60.653	61.438
137.5	53.035	55.278	56.421	56.396	56.515	56.914	57.284	57.912	58.526	59.385
140.0	51.399	53.448	54.403	54.608	55.056	55.597	56.136	56.790	57.630	58.730
142.5	50.002	52.240	53.370	53.633	53.990	54.733	55.341	56.201	57.316	58.751
145.0	48.198	50.479	52.045	52.518	52.902	53.824	54.619	55.674	57.041	58.910
147.5	46.363	48.011	49.800	50.681	51.439	52.612	53.556	54.727	56.298	58.234
150.0	45.016	45.939	47.273	47.962	48.974	50.365	51.403	52.669	54.230	56.318
152.5	43.704	44.329	45.234	45.691	46.636	48.046	49.017	50.304	51.717	53.747
155.0	42.600	43.072	43.775	44.146	44.766	45.975	46.902	48.005	49.357	51.090
157.5	41.277	41.471	41.958	42.276	42.889	43.676	44.306	45.364	46.422	47.870
160.0	39.393	39.464	39.939	40.378	40.903	41.390	41.841	42.526	43.348	44.506
162.5	37.027	37.336	37.819	38.348	38.852	39.264	39.529	40.010	40.534	41.326
165.0	34.545	35.056	35.699	36.153	36.526	36.759	36.829	37.206	37.462	38.002
167.5	31.994	32.508	33.203	33.502	33.588	33.582	33.472	33.697	33.677	34.026
170.0	29.767	30.296	30.870	30.760	30.563	30.330	30.077	30.008	29.811	29.736
172.5	27.381	27.818	28.235	28.085	27.997	27.922	27.880	27.848	27.802	27.819
175.0	27.084	27.457	27.902	28.110	28.302	28.309	28.303	28.289	28.266	28.300
177.5	27.110	27.461	27.921	28.102	28.352	28.396	28.378	28.381	28.389	28.433
180.0	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>	<u>275.0</u>
0.0	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
2.5	171.952	172.901	173.488	173.878	174.409	174.568	174.771	174.790	174.584	174.511
5.0	180.934	181.379	182.661	183.373	184.164	184.674	185.555	186.539	187.757	188.306
7.5	197.726	199.097	200.882	202.294	203.993	205.758	207.532	210.257	212.510	213.101

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

10.0	216.646	219.616	222.930	226.157	229.005	233.148	236.666	241.776	245.338	248.143
12.5	236.890	240.991	246.342	250.846	255.746	261.832	267.291	274.279	279.793	285.885
15.0	255.018	260.085	266.438	272.551	279.493	287.364	295.852	304.844	312.889	321.524
17.5	271.752	277.910	285.191	292.352	301.826	311.727	322.597	334.228	346.451	358.278
20.0	292.721	299.820	308.115	316.955	327.268	340.466	353.741	369.636	386.205	403.185
22.5	311.778	318.690	328.172	338.095	350.399	365.440	381.702	400.552	420.918	442.933
25.0	322.664	329.850	338.100	347.878	359.559	374.049	390.465	409.582	429.807	452.803
27.5	323.321	329.229	336.368	345.141	355.755	369.324	385.519	404.961	427.732	452.223
30.0	335.651	341.025	347.701	355.669	366.312	378.933	395.172	416.011	439.872	468.930
32.5	353.515	358.612	366.373	374.910	386.413	402.298	420.505	445.645	479.659	518.761
35.0	390.045	395.788	403.945	414.347	427.055	444.560	470.139	501.896	547.671	605.746
37.5	425.308	433.887	443.807	456.444	470.492	487.867	514.480	553.000	607.007	673.341
40.0	453.417	461.682	470.587	481.737	494.347	510.508	536.039	572.399	621.626	682.626
42.5	475.139	481.182	486.228	491.790	500.260	515.153	536.985	568.338	608.502	659.814
45.0	515.461	513.616	514.617	517.368	524.504	534.861	552.841	581.862	624.323	682.447
47.5	562.537	559.028	561.226	565.544	570.711	580.881	599.836	632.971	685.225	761.770
50.0	568.631	571.102	576.801	585.068	596.776	618.428	651.717	703.607	776.893	875.292
52.5	530.817	540.411	551.472	565.418	587.259	621.529	673.554	747.258	845.992	968.094
55.0	501.323	515.852	532.480	556.777	594.194	648.539	728.350	835.493	962.781	1130.760
57.5	518.124	538.488	565.759	606.270	663.869	750.046	878.211	1044.900	1240.210	1481.280
60.0	653.774	680.906	717.201	774.975	866.779	1024.090	1250.050	1551.540	1912.620	2351.900
62.5	808.767	840.807	889.788	984.912	1148.320	1426.450	1807.030	2274.610	2806.500	3459.080
65.0	884.054	923.092	993.615	1128.100	1369.670	1731.780	2198.440	2775.470	3421.630	4150.070
67.5	886.102	925.044	1003.520	1161.360	1440.060	1828.470	2306.400	2879.920	3516.790	4144.710
70.0	805.237	837.163	915.753	1064.570	1314.170	1631.360	2038.350	2521.160	3085.540	3581.430
72.5	726.710	744.256	802.481	916.914	1110.230	1347.810	1674.350	2069.240	2549.710	3001.840
75.0	655.705	668.705	707.415	791.289	926.862	1100.800	1351.370	1652.480	2013.570	2363.290
77.5	564.036	565.075	587.539	643.664	742.649	868.730	1051.040	1281.610	1552.980	1822.720
80.0	475.482	465.281	472.647	499.083	555.894	630.147	752.633	910.805	1126.440	1333.120
82.5	378.276	364.581	364.851	378.951	406.475	446.621	518.007	598.095	719.584	840.197
85.0	319.640	302.787	298.259	307.080	324.751	345.131	387.361	434.334	499.504	558.556
87.5	287.011	268.172	260.982	265.586	277.765	291.726	324.717	359.324	404.700	441.818
90.0	262.863	243.372	235.091	235.742	243.522	252.360	279.969	308.284	345.544	375.968
92.5	238.407	219.526	211.343	211.307	216.771	222.778	245.461	268.904	299.698	323.375
95.0	209.339	194.166	186.575	187.607	191.065	195.176	213.768	232.627	258.982	278.903
97.5	181.865	169.937	165.281	166.211	169.700	172.918	187.870	204.779	226.731	245.017
100.0	155.100	146.950	143.720	144.861	149.137	152.422	164.111	179.429	198.863	214.919
102.5	133.886	129.327	127.782	129.638	134.367	139.155	149.353	163.247	180.160	194.916
105.0	121.035	118.610	118.368	120.203	124.851	130.402	140.147	153.747	170.002	185.831
107.5	112.802	111.529	111.355	113.062	117.483	123.933	133.581	146.890	163.406	180.967
110.0	107.189	106.663	106.968	109.139	113.528	120.416	130.597	143.894	161.235	180.825
112.5	101.585	101.400	101.975	104.127	107.932	114.373	123.662	136.554	153.356	172.381
115.0	95.245	95.642	96.537	98.805	102.746	109.204	118.386	130.805	147.066	165.230
117.5	90.068	91.059	92.487	95.105	99.562	106.809	116.737	129.281	144.660	161.549
120.0	86.984	88.085	89.638	92.324	96.685	103.452	112.918	125.541	141.021	157.346
122.5	82.864	83.809	85.461	87.936	91.692	97.879	106.961	119.672	135.325	153.170
125.0	78.260	79.483	81.150	83.698	87.430	93.531	102.541	114.974	130.634	148.909
127.5	74.668	75.954	77.618	80.099	83.696	89.492	97.822	109.659	125.464	144.056
130.0	70.719	71.961	73.666	76.317	79.835	85.233	93.007	103.993	118.822	136.796
132.5	66.356	67.733	69.342	71.949	75.358	80.293	87.288	96.817	109.589	125.405
135.0	62.581	63.985	65.732	68.251	71.706	76.365	82.824	91.483	103.124	116.822
137.5	60.586	62.116	63.969	66.576	70.172	74.933	81.199	89.522	100.178	112.586
140.0	60.194	61.954	64.148	67.001	71.036	76.072	82.868	91.129	101.214	112.348
142.5	60.627	62.673	65.324	68.634	73.148	78.571	85.680	94.130	103.718	114.428
145.0	61.174	63.982	67.111	70.992	75.795	81.373	88.152	96.318	105.429	114.915
147.5	60.748	63.706	67.105	71.280	76.239	82.091	88.578	95.846	104.124	112.625

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

150.0	58.946	61.875	65.280	69.329	73.939	79.481	85.276	91.914	98.674	105.497
152.5	56.154	58.864	61.900	65.567	69.662	74.405	79.202	84.597	90.237	95.939
155.0	53.172	55.422	58.006	61.096	64.402	67.980	71.711	75.655	80.056	84.220
157.5	49.471	51.194	53.189	55.518	57.976	60.821	63.551	66.526	69.501	72.446
160.0	45.673	47.003	48.460	50.096	51.723	53.680	55.437	57.549	59.643	61.532
162.5	42.178	43.162	43.989	45.080	46.140	47.389	48.605	49.879	51.153	52.208
165.0	38.565	39.106	39.706	40.321	40.893	41.725	42.304	43.060	43.731	44.384
167.5	34.269	34.580	34.935	35.195	35.472	35.949	36.364	36.809	37.037	37.538
170.0	29.581	29.552	29.359	29.273	29.094	29.269	29.414	29.638	29.786	30.012
172.5	27.860	27.799	27.657	27.583	27.509	27.454	27.395	27.354	27.318	27.267
175.0	28.271	28.244	28.206	28.093	28.056	27.977	27.980	27.938	27.916	27.835
177.5	28.457	28.427	28.372	28.333	28.281	28.278	28.227	28.270	28.280	28.204
180.0	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>	<u>300.0</u>
0.0	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216	169.216
2.5	174.267	174.452	174.306	174.275	174.556	174.493	174.683	174.733	174.519	175.029
5.0	189.686	190.668	191.035	191.450	191.514	192.132	192.544	192.553	192.454	193.650
7.5	215.665	217.103	218.290	219.012	221.065	222.643	224.108	225.325	224.790	226.228
10.0	252.767	256.973	260.432	263.514	268.144	270.744	274.129	276.769	278.104	281.628
12.5	292.735	300.701	306.645	311.848	319.348	324.219	329.913	333.470	336.473	341.394
15.0	330.968	340.375	348.364	355.831	364.841	372.524	380.420	386.541	391.246	397.885
17.5	373.570	387.437	400.513	412.703	428.998	440.458	454.039	463.270	472.597	482.503
20.0	421.206	439.636	456.874	475.481	495.740	511.393	528.974	542.783	556.559	571.314
22.5	466.456	491.285	515.824	541.866	567.975	590.353	613.683	633.709	648.604	658.262
25.0	475.998	500.805	524.607	549.063	573.827	599.445	624.811	647.211	667.447	683.913
27.5	479.719	507.650	533.884	559.776	586.980	610.639	634.696	655.643	673.985	687.143
30.0	499.580	529.403	558.926	588.457	617.739	641.800	666.919	689.759	706.911	719.076
32.5	563.376	612.596	658.602	708.375	752.855	783.662	812.934	836.837	848.043	857.911
35.0	669.797	741.449	813.289	885.538	939.715	973.331	1000.780	1007.800	1007.310	988.500
37.5	754.724	843.474	932.328	1009.840	1073.590	1112.860	1135.100	1138.680	1121.060	1086.420
40.0	754.993	835.686	917.990	992.272	1051.840	1100.390	1128.680	1137.090	1125.810	1087.700
42.5	720.583	790.036	857.328	919.142	970.991	1013.120	1032.520	1030.700	1019.320	978.987
45.0	759.590	852.305	937.616	1010.720	1072.550	1095.880	1102.440	1074.110	1036.900	974.379
47.5	863.686	983.247	1093.330	1177.440	1226.150	1234.260	1200.340	1137.640	1062.320	985.728
50.0	999.488	1140.950	1254.440	1332.910	1380.810	1380.120	1323.670	1231.050	1136.240	1047.710
52.5	1114.030	1262.240	1368.290	1431.780	1462.370	1442.910	1371.910	1268.680	1157.470	1074.990
55.0	1315.350	1489.060	1619.880	1686.370	1719.840	1677.650	1607.830	1482.700	1353.010	1265.950
57.5	1756.250	2016.920	2210.070	2332.890	2451.910	2395.690	2342.410	2150.020	1985.610	1856.350
60.0	2801.100	3258.770	3585.110	3726.430	3837.330	3727.640	3542.270	3239.380	2979.740	2819.040
62.5	4064.640	4592.620	4911.770	5083.110	5097.500	4907.440	4596.860	4152.730	3795.710	3511.680
65.0	4762.780	5221.310	5488.080	5610.350	5531.110	5334.550	4966.270	4494.810	4069.550	3737.190
67.5	4678.080	5084.830	5358.730	5489.120	5447.220	5264.360	4949.280	4578.640	4194.990	3864.040
70.0	3991.960	4302.860	4587.550	4671.560	4592.730	4503.730	4262.450	3961.540	3637.820	3285.160
72.5	3390.070	3645.100	3925.770	4019.670	3986.370	3889.090	3671.770	3369.880	3054.650	2734.170
75.0	2665.710	2878.290	3091.170	3165.230	3154.110	3051.690	2889.180	2697.270	2476.300	2253.580
77.5	2060.100	2250.310	2404.680	2493.600	2496.280	2459.510	2341.960	2202.260	2050.120	1884.480
80.0	1527.000	1680.760	1803.730	1888.150	1908.550	1895.160	1805.280	1712.780	1604.620	1482.530
82.5	975.150	1071.770	1151.710	1199.390	1235.350	1250.050	1210.740	1151.420	1085.220	1014.400
85.0	621.758	676.347	718.135	742.732	771.200	791.739	777.950	750.796	727.399	691.797
87.5	477.841	510.065	534.786	546.881	555.270	560.869	552.399	542.322	530.124	513.835
90.0	403.866	428.437	445.442	452.055	453.811	452.536	442.896	435.253	425.851	411.769
92.5	347.269	367.854	383.647	387.207	387.780	384.538	375.220	368.415	358.775	345.803
95.0	300.260	320.174	335.663	338.994	340.620	337.462	328.225	320.170	311.533	298.873

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	262.411	279.694	293.327	296.893	296.576	292.485	283.757	275.526	266.150	253.586
<b>100.0</b>	230.183	244.331	257.155	261.293	260.238	255.940	247.736	238.944	229.194	216.565
<b>102.5</b>	208.770	221.321	232.564	237.373	236.490	232.326	224.586	216.106	206.764	195.072
<b>105.0</b>	200.391	212.952	223.576	229.100	229.203	225.681	218.238	208.735	198.619	187.058
<b>107.5</b>	198.326	213.080	224.852	231.118	231.418	227.705	220.263	210.121	199.494	187.701
<b>110.0</b>	200.137	217.006	231.077	239.361	241.700	238.924	232.328	221.234	209.840	196.465
<b>112.5</b>	191.941	209.578	223.768	231.630	234.078	231.758	226.308	217.031	207.278	195.296
<b>115.0</b>	183.311	199.832	211.963	218.708	221.319	219.367	214.209	206.427	198.457	189.555
<b>117.5</b>	177.633	192.175	203.642	210.840	214.091	212.574	208.617	202.031	194.561	187.636
<b>120.0</b>	173.849	188.273	199.908	207.623	210.668	208.689	204.038	197.143	189.472	183.196
<b>122.5</b>	170.885	186.638	197.418	204.342	206.841	204.207	198.167	191.250	183.614	175.713
<b>125.0</b>	167.608	183.701	195.778	202.794	205.658	203.957	197.605	190.059	182.199	172.586
<b>127.5</b>	163.429	180.771	194.049	202.930	205.931	205.768	200.990	193.141	184.373	173.779
<b>130.0</b>	156.099	173.422	186.310	195.364	199.466	200.036	196.495	189.465	180.920	169.963
<b>132.5</b>	142.103	158.074	170.667	179.087	184.745	185.668	183.964	179.950	172.739	163.497
<b>135.0</b>	131.484	145.846	157.613	166.434	172.697	175.940	175.867	174.017	168.159	160.666
<b>137.5</b>	125.647	138.150	148.662	156.941	162.960	166.707	168.336	167.527	164.250	158.246
<b>140.0</b>	124.145	135.294	145.233	153.454	159.127	163.508	165.290	165.495	162.928	158.360
<b>142.5</b>	124.863	135.282	144.723	152.112	158.353	162.134	164.710	165.007	162.824	158.935
<b>145.0</b>	125.033	134.720	143.176	150.861	156.568	160.504	162.822	163.189	162.065	157.667
<b>147.5</b>	120.665	128.988	136.599	142.777	148.504	151.834	154.175	154.771	153.006	149.401
<b>150.0</b>	112.320	118.550	124.195	129.438	133.516	136.036	137.600	138.359	136.705	133.925
<b>152.5</b>	100.756	105.830	110.403	114.096	117.182	118.826	119.648	120.532	119.096	116.663
<b>155.0</b>	88.035	91.923	95.335	98.103	100.325	101.146	101.947	102.559	101.393	99.460
<b>157.5</b>	74.948	77.703	80.029	81.953	83.720	84.218	85.197	85.802	84.606	83.087
<b>160.0</b>	63.122	65.052	66.655	67.847	68.836	69.793	70.127	70.585	69.627	68.835
<b>162.5</b>	53.024	54.322	55.328	55.973	56.702	57.335	57.288	57.635	56.992	56.754
<b>165.0</b>	44.803	45.541	46.037	46.253	46.634	46.995	46.921	47.120	46.846	46.702
<b>167.5</b>	37.621	37.961	38.109	38.318	38.505	38.638	38.616	38.512	38.123	37.929
<b>170.0</b>	30.083	30.386	30.436	30.562	30.663	30.798	30.631	30.618	30.032	29.841
<b>172.5</b>	27.137	27.090	27.057	27.029	26.940	26.959	26.927	26.770	26.621	26.464
<b>175.0</b>	27.796	27.764	27.694	27.756	27.705	27.620	27.629	27.495	27.426	27.334
<b>177.5</b>	28.214	28.128	28.186	28.161	28.175	28.129	28.157	28.062	27.957	27.903
<b>180.0</b>	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691	27.691

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

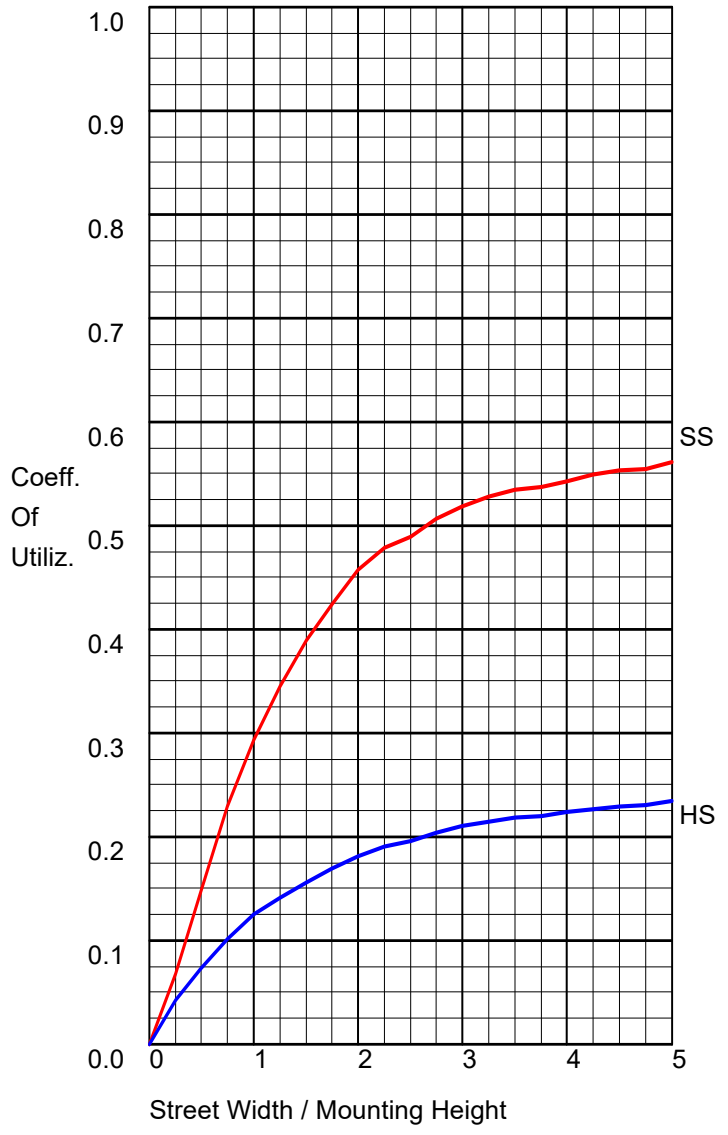
	<b>305.0</b>	<b>315.0</b>	<b>325.0</b>	<b>335.0</b>	<b>345.0</b>	<b>355.0</b>	<b>360.0</b>
<b>0.0</b>	169.216	169.216	169.216	169.216	169.216	169.216	169.216
<b>2.5</b>	175.488	177.011	177.755	178.377	178.890	181.314	176.971
<b>5.0</b>	194.263	195.469	195.515	195.808	194.284	193.732	177.214
<b>7.5</b>	227.039	227.859	225.259	221.252	218.513	215.348	195.670
<b>10.0</b>	283.472	285.050	277.020	266.373	257.057	249.798	225.442
<b>12.5</b>	343.623	343.788	330.203	311.102	292.395	284.166	260.299
<b>15.0</b>	404.761	406.522	387.896	361.886	341.178	333.042	308.006
<b>17.5</b>	493.882	492.457	461.220	420.850	392.158	379.581	359.750
<b>20.0</b>	582.175	568.447	520.286	467.881	429.184	412.808	400.091
<b>22.5</b>	661.442	620.244	555.332	493.716	448.322	428.163	425.627
<b>25.0</b>	688.616	609.137	531.890	472.224	431.110	415.221	414.004
<b>27.5</b>	700.489	623.913	528.379	464.740	430.635	424.157	425.014
<b>30.0</b>	725.159	660.519	563.913	488.630	458.697	462.942	442.636
<b>32.5</b>	851.785	788.807	682.875	581.606	544.878	566.863	548.061
<b>35.0</b>	948.031	840.249	721.953	626.654	584.085	609.368	617.480
<b>37.5</b>	989.217	838.945	706.799	613.064	569.680	589.618	619.941
<b>40.0</b>	937.104	751.054	651.427	571.216	538.049	555.201	577.817
<b>42.5</b>	842.590	708.873	642.643	570.796	549.965	577.621	565.014

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 06853-1.IES**

**CANDELA TABULATION - (Cont.)**

45.0	858.471	802.847	740.752	654.123	634.753	670.696	653.402
47.5	882.003	869.420	808.577	713.826	689.354	727.179	721.596
50.0	952.409	933.841	827.618	725.964	679.956	719.671	753.963
52.5	988.231	974.917	859.336	726.205	683.227	713.177	723.241
55.0	1165.300	1135.080	973.845	789.833	749.711	774.649	754.872
57.5	1725.390	1698.680	1408.810	1069.830	1037.830	1060.230	954.987
60.0	2501.420	2263.990	1819.690	1390.520	1359.030	1386.140	1258.770
62.5	3013.910	2477.330	1979.600	1545.210	1461.950	1516.260	1464.850
65.0	3110.780	2325.140	1882.710	1583.300	1493.870	1536.650	1550.890
67.5	3233.890	2226.810	1850.140	1578.570	1497.030	1545.040	1556.820
70.0	2687.480	1793.300	1580.530	1401.540	1364.280	1435.730	1465.820
72.5	2177.630	1532.500	1436.390	1299.440	1231.900	1306.320	1339.970
75.0	1816.280	1321.640	1265.420	1145.610	1143.900	1215.420	1285.280
77.5	1515.040	1213.660	1174.580	1040.010	1028.080	1089.970	1121.140
80.0	1234.230	1021.860	992.384	876.682	865.418	902.866	959.164
82.5	884.988	759.057	765.296	694.104	721.901	740.019	798.376
85.0	622.989	536.702	545.035	506.315	515.976	530.153	578.130
87.5	479.249	430.307	429.329	399.048	388.055	388.176	434.498
90.0	381.884	335.256	305.979	281.528	276.667	279.485	306.241
92.5	320.570	276.046	249.465	228.869	226.970	233.225	248.176
95.0	273.494	234.407	213.659	195.726	195.982	203.109	215.754
97.5	228.293	196.341	187.062	171.295	169.556	175.104	184.711
100.0	191.485	164.817	163.229	152.904	151.284	155.824	163.049
102.5	172.800	150.529	149.775	144.190	145.320	151.241	154.777
105.0	165.231	144.520	146.572	142.639	148.092	156.535	160.223
107.5	165.062	142.559	143.128	140.413	147.525	156.280	161.874
110.0	170.487	139.241	140.840	138.656	145.030	153.332	159.427
112.5	170.048	135.515	133.957	131.492	135.403	141.129	148.843
115.0	169.730	133.821	127.656	124.566	125.837	129.956	135.850
117.5	170.704	135.509	125.404	122.073	122.938	127.141	131.492
120.0	167.966	133.564	120.924	117.371	118.265	122.174	127.984
122.5	160.600	128.612	114.807	111.061	111.499	114.477	119.743
125.0	154.892	123.652	108.276	104.358	104.328	106.833	111.457
127.5	151.913	119.311	104.278	100.006	99.782	101.700	105.242
130.0	146.196	112.231	98.308	94.040	93.896	96.171	100.052
132.5	140.840	107.276	92.988	87.774	88.047	90.181	94.051
135.0	139.730	104.638	89.167	83.926	83.839	85.274	88.381
137.5	139.410	103.833	86.943	80.840	80.193	81.415	84.042
140.0	141.936	104.362	85.020	78.345	77.716	78.883	81.131
142.5	144.152	105.280	83.281	75.425	74.930	76.359	78.764
145.0	143.650	105.171	82.015	73.501	72.770	74.092	76.671
147.5	136.679	102.383	79.819	70.669	69.344	70.463	73.466
150.0	124.265	96.281	75.981	67.386	65.909	66.808	69.234
152.5	109.445	88.147	71.019	63.139	61.371	61.802	64.563
155.0	94.180	78.667	65.488	58.290	56.190	56.411	59.203
157.5	79.914	69.500	59.465	52.943	50.653	50.526	53.026
160.0	67.141	60.315	52.952	47.482	45.185	45.077	47.382
162.5	55.917	51.759	46.536	42.209	40.402	40.375	42.385
165.0	46.233	43.586	40.058	36.972	35.547	35.518	37.373
167.5	37.497	35.475	33.443	31.684	30.899	30.918	32.614
170.0	29.472	28.061	27.097	26.655	26.460	26.623	28.315
172.5	26.347	25.975	25.721	25.122	24.598	24.506	25.070
175.0	27.221	26.909	26.702	26.153	25.633	25.558	25.919
177.5	27.828	27.626	27.434	26.947	26.442	26.317	26.686
180.0	27.691	27.691	27.691	27.691	27.691	27.691	27.691

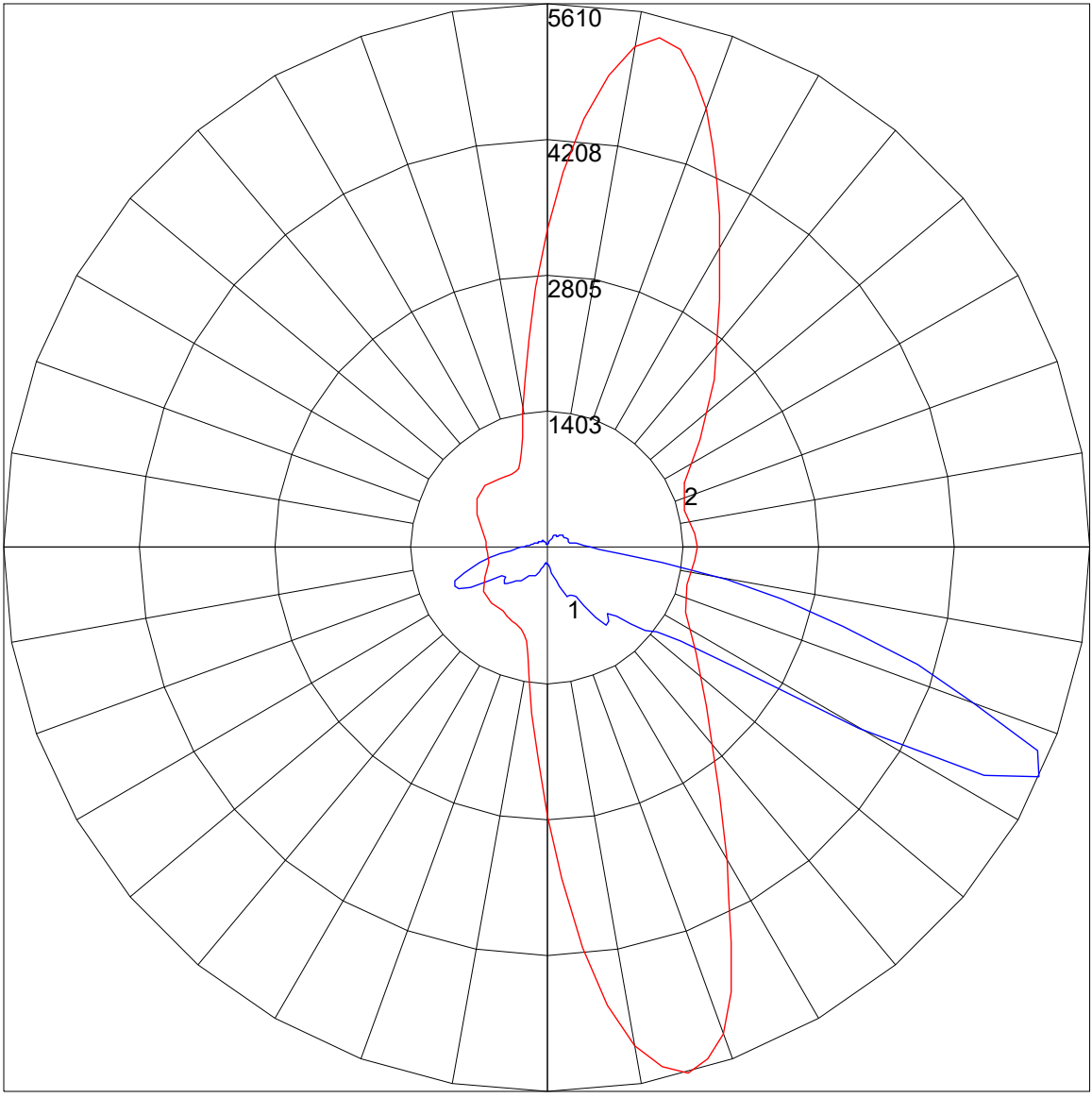
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

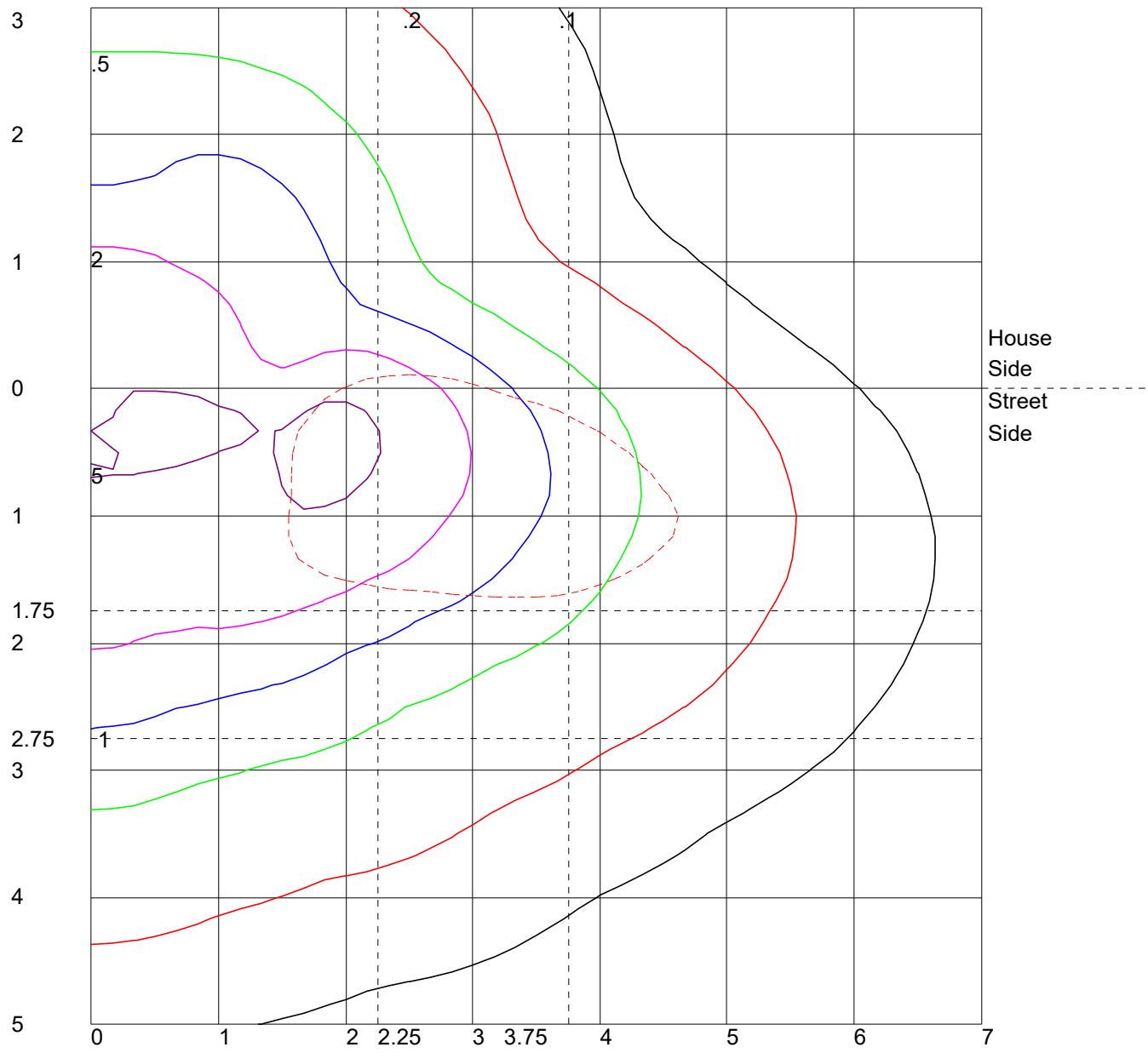
	Lumens	Percent Of Luminaire
Downward Street Side	4075.0	59.5
Downward House Side	1802.9	26.3
Downward Total	5877.9	85.8
Upward Street Side	499.9	7.3
Upward House Side	474.4	6.9
Upward Total	974.3	14.2
<b>Total Flux</b>	<b>6852.2</b>	<b>100.0</b>

POLAR GRAPH



Maximum Candela = 5610.35 Located At Horizontal Angle = 285, Vertical Angle = 65  
# 1 - Vertical Plane Through Horizontal Angles (285 - 105) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

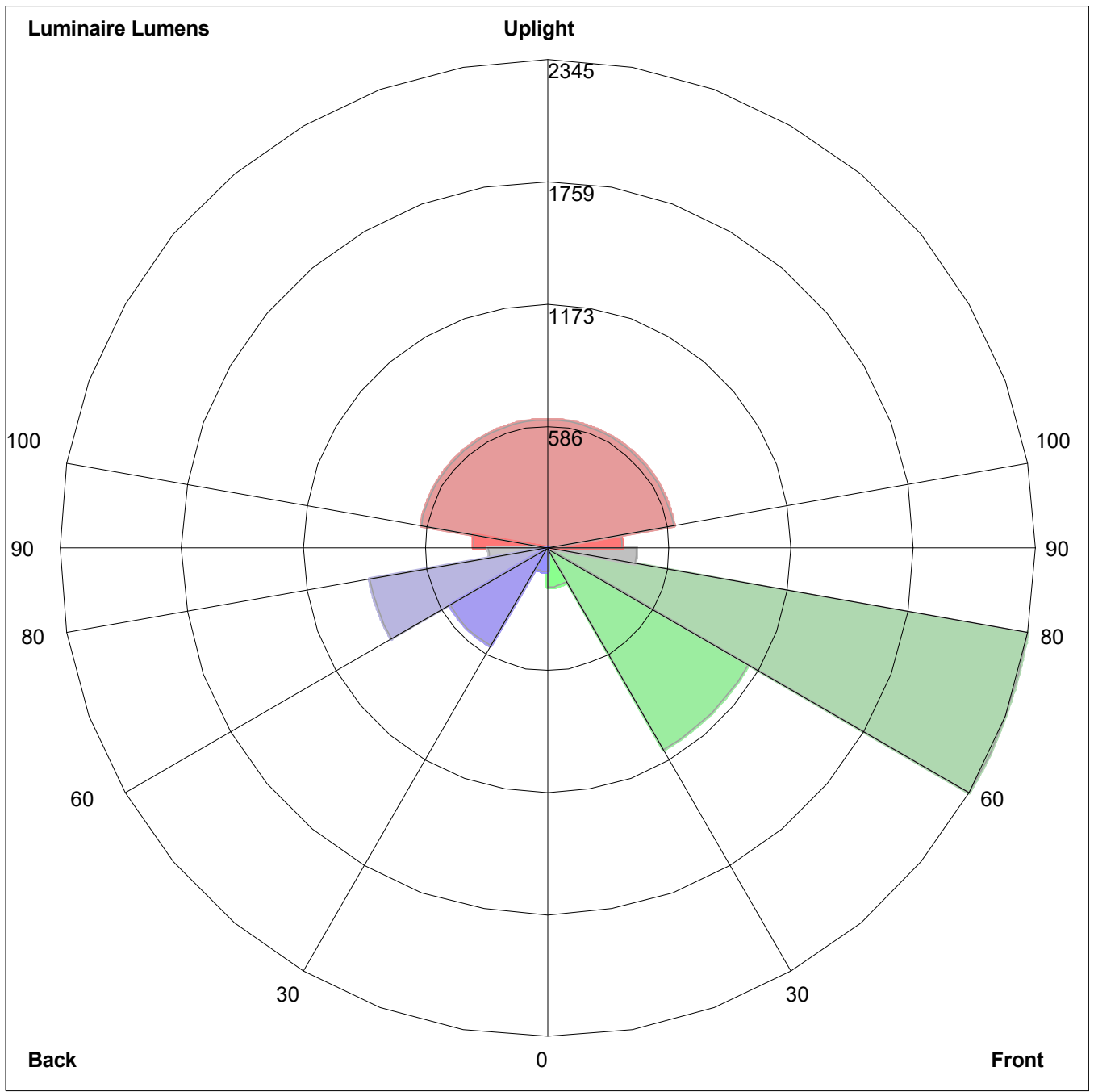
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 8 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
 Front: Low=186.7, Medium=1116.2, High=2345.4, Very High=426.7  
 Back: Low=112.1, Medium=542.1, High=865.9, Very High=282.7  
 Uplight: Low=357.5, High=616.8

BUG Rating : B2-U4-G3