

IES ROAD REPORT
PHOTOMETRIC FILENAME : 5749

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]
[DATE] 2008-05-04
[LUMCAT] SENSING08-0504-01
[LUMINAIRE] 5749 WITH 2 54 WATT FLUORESCENT LAMPS
[LAMP] 54 WATT HO FLUORESCENT LAMP
[LAMP] T5 54W

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	5000 (2 lamps)
Total Lamp Lumens	10000
Luminaire Lumens	6485
Total Luminaire Efficiency	65 %
Downward Total Efficiency	64 %
Upward Waste Light Ratio	0.01
Maximum Candela	2026.954
Maximum Candela Angle	270H 14V
Maximum Candela At 90 Degrees Vertical	28.495 (0.3% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	229.288 (2.3% Lamp Lumens)
Total Luminaire Watts	93.8
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	806.7	8.1	12.4
FM - Front-Medium (30-60)	1700.2	17.0	26.2
FH - Front-High (60-80)	610.5	6.1	9.4
FVH - Front-Very High (80-90)	32.0	0.3	0.5
BL - Back-Low (0-30)	812.3	8.1	12.5
BM - Back-Medium (30-60)	1741.8	17.4	26.9
BH - Back-High (60-80)	663.6	6.6	10.2
BVH - Back-Very High (80-90)	41.2	0.4	0.6
UL - Uplight-Low (90-100)	15.9	0.2	0.2
UH - Uplight-High (100-180)	60.5	0.6	0.9
Total	6484.7	64.8	100.0
BUG Rating	B2-U2-G2		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	1983.070	1983.070	1983.070	1983.070	1983.070	1983.070	1983.070	1983.070	1983.070	1983.070
1	1971.327	1973.051	1977.874	1988.266	1982.686	1994.428	1972.096	1974.216	1980.565	1992.692
2	1969.591	1971.327	1977.676	1988.266	1982.301	1994.044	1972.096	1974.787	1981.136	1995.197
3	1966.900	1969.207	1977.676	1987.683	1982.487	1992.308	1971.129	1975.754	1983.070	1997.504
4	1964.396	1967.285	1978.829	1989.419	1982.686	1991.725	1969.591	1975.754	1985.376	2001.744
5	1960.353	1965.350	1979.028	1989.803	1982.103	1989.803	1966.318	1974.787	1988.650	2003.852
6	1956.695	1962.660	1979.214	1991.539	1982.872	1988.067	1964.011	1974.216	1990.188	2006.357
7	1952.268	1959.969	1978.259	1992.494	1983.070	1984.992	1960.539	1973.435	1991.725	2009.445
8	1946.490	1956.112	1979.412	1995.197	1983.070	1982.487	1956.695	1971.327	1992.692	2013.103
9	1939.174	1951.115	1979.028	1996.933	1983.256	1979.214	1950.731	1969.591	1995.197	2018.100
10	1933.011	1948.028	1979.412	1999.041	1983.256	1976.138	1945.138	1967.086	1996.933	2022.725
11	1925.894	1943.601	1978.259	2000.194	1984.025	1971.129	1938.976	1963.813	1999.810	2024.846
12	1917.424	1937.822	1978.829	2003.468	1983.839	1967.285	1932.441	1960.738	2001.744	2026.185
13	1907.604	1931.672	1979.028	2006.742	1983.256	1961.891	1924.356	1956.881	2003.666	2025.999
14	1899.519	1926.464	1979.598	2009.060	1983.256	1957.080	1915.490	1951.301	2003.666	2026.954
15	1888.929	1919.917	1978.643	2010.015	1984.608	1950.148	1907.021	1947.259	2005.018	2026.383
16	1878.154	1912.415	1977.676	2011.553	1986.530	1945.523	1897.981	1942.249	2002.315	2025.230
17	1868.519	1906.252	1974.216	2011.367	1982.487	1937.054	1887.392	1937.822	1999.426	2022.142
18	1855.437	1897.981	1971.327	2009.445	1980.367	1930.122	1875.264	1931.275	1998.086	2021.956
19	1842.342	1889.314	1966.132	2006.357	1978.259	1923.004	1865.059	1926.080	1995.582	2021.572
20	1829.632	1881.229	1960.155	2002.898	1974.216	1914.535	1853.118	1919.346	1991.924	2018.484
21	1816.736	1873.144	1953.608	2000.777	1968.240	1905.297	1840.036	1912.415	1987.298	2013.872
22	1802.303	1862.939	1948.226	1997.888	1961.891	1896.630	1827.710	1905.297	1983.640	2009.631
23	1785.352	1853.118	1942.448	1994.428	1956.881	1887.392	1812.694	1896.047	1979.214	2003.852
24	1769.765	1843.297	1935.714	1989.233	1950.917	1877.757	1798.062	1885.271	1974.601	1997.318
25	1754.550	1833.489	1928.014	1984.025	1944.952	1866.981	1783.814	1875.066	1968.822	1989.803
26	1737.228	1821.163	1921.082	1977.676	1938.591	1856.206	1767.843	1863.906	1960.924	1982.487
27	1718.367	1807.684	1910.493	1969.008	1929.738	1844.847	1750.124	1852.349	1951.301	1974.216
28	1702.198	1795.942	1899.903	1959.002	1921.082	1831.170	1732.416	1839.069	1942.063	1964.966
29	1681.973	1781.508	1887.776	1950.334	1911.262	1819.427	1714.325	1825.974	1933.396	1955.728
30	1662.344	1765.909	1876.033	1940.327	1898.552	1804.994	1697.957	1814.232	1923.004	1944.370
31	1641.748	1748.784	1861.786	1930.891	1885.457	1789.977	1677.745	1799.984	1910.294	1933.396
32	1623.458	1733.768	1849.274	1919.346	1873.528	1775.730	1656.764	1783.430	1898.167	1924.158
33	1599.389	1717.016	1837.147	1909.141	1860.818	1758.022	1636.540	1766.876	1886.040	1915.304
34	1577.057	1699.693	1822.701	1896.630	1846.769	1739.534	1614.406	1751.475	1871.991	1904.913
35	1556.659	1684.094	1806.531	1885.073	1834.059	1722.410	1595.161	1737.228	1857.160	1894.509
36	1532.975	1664.849	1790.560	1875.450	1818.274	1706.240	1571.278	1719.322	1844.463	1884.887
37	1507.567	1645.207	1776.312	1864.092	1802.303	1687.367	1548.562	1700.648	1829.062	1873.144
38	1481.763	1625.566	1760.912	1854.085	1787.857	1666.957	1527.010	1683.908	1815.385	1859.095
39	1459.430	1607.090	1745.312	1841.760	1772.840	1649.448	1502.173	1663.882	1801.918	1843.496
40	1432.671	1585.142	1731.648	1829.831	1756.100	1628.455	1475.984	1642.901	1789.394	1828.678
41	1406.296	1562.623	1714.709	1816.736	1739.534	1607.288	1453.082	1623.458	1773.225	1810.003
42	1378.000	1541.444	1698.540	1804.411	1725.299	1587.460	1426.124	1599.389	1757.254	1789.394
43	1352.976	1517.376	1682.172	1786.121	1709.501	1563.578	1399.365	1576.871	1741.853	1766.107
44	1323.328	1490.815	1665.804	1769.567	1692.761	1538.753	1374.726	1552.220	1723.563	1744.742
45	1297.536	1467.900	1645.592	1751.661	1677.546	1513.532	1345.276	1529.701	1702.384	1719.136
46	1267.689	1439.987	1623.644	1729.143	1657.533	1490.430	1315.628	1502.744	1679.481	1692.377
47	1237.086	1413.228	1602.861	1703.152	1622.490	1461.935	1286.748	1476.766	1657.719	1666.771
48	1209.942	1388.589	1577.826	1679.667	1615.943	1433.440	1259.604	1452.697	1631.728	1635.585
49	1177.020	1359.524	1549.727	1649.832	1591.689	1408.417	1227.848	1424.785	1603.630	1604.399
50	1143.912	1329.292	1518.926	1619.800	1564.930	1380.120	1195.496	1395.136	1577.640	1572.246
51	1111.561	1300.810	1491.385	1587.646	1534.326	1349.318	1163.926	1366.257	1545.871	1542.982
52	1077.101	1271.161	1457.322	1558.196	1507.369	1322.944	1134.860	1340.651	1513.718	1508.906

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CANDELA TABULATION - (Cont.)

53	1042.257	1245.171	1422.863	1522.968	1473.678	1291.559	1101.170	1311.771	1479.456	1472.326
54	1011.654	1215.138	1390.710	1487.343	1439.801	1261.340	1066.512	1281.751	1448.655	1438.450
55	976.426	1189.148	1352.009	1448.655	1402.837	1230.539	1032.250	1252.673	1411.889	1397.827
56	940.813	1155.841	1312.738	1413.426	1369.729	1203.966	1001.064	1226.112	1374.726	1353.944
57	908.846	1128.313	1272.699	1370.113	1330.644	1172.011	965.638	1195.496	1341.420	1313.892
58	871.497	1095.007	1236.503	1324.481	1290.604	1140.639	928.487	1162.388	1302.149	1265.767
59	834.160	1060.361	1191.454	1275.774	1249.784	1107.717	896.148	1128.896	1259.604	1217.258
60	796.998	1028.394	1143.912	1231.890	1209.558	1078.068	858.415	1097.896	1214.369	1168.737
61	763.307	991.058	1100.587	1180.480	1163.926	1040.534	821.066	1061.514	1167.782	1124.469
62	725.189	951.390	1050.342	1129.280	1120.613	1002.986	781.981	1021.661	1125.238	1072.674
63	691.312	915.591	998.374	1082.880	1069.984	964.100	748.104	985.664	1075.762	1020.508
64	651.273	872.278	952.357	1030.130	1017.432	928.673	708.449	942.350	1024.550	974.491
65	612.386	827.229	891.907	975.074	971.032	885.558	669.563	898.653	979.315	925.982
66	578.113	786.408	844.167	927.136	917.129	841.476	634.520	858.985	926.950	875.539
67	539.425	738.098	790.066	872.662	863.226	800.470	594.865	812.597	874.770	829.920
68	499.373	690.730	743.293	824.340	815.486	753.883	554.441	765.043	827.799	802.392
69	459.916	642.804	691.697	786.024	759.847	704.593	519.585	723.466	775.818	767.548
70	421.414	594.282	645.296	739.251	707.098	656.654	479.744	675.912	725.003	717.303
71	387.339	552.321	598.325	688.622	659.742	613.924	440.857	627.006	680.140	663.202
72	349.221	503.800	555.210	632.214	618.152	566.370	401.190	576.575	650.120	595.820
73	311.674	456.258	500.724	577.344	569.061	516.894	367.511	527.484	608.914	528.252
74	276.061	414.482	442.581	512.467	516.894	474.932	329.394	483.786	554.243	460.871
75	245.260	365.961	385.020	448.173	466.265	426.411	292.615	434.694	499.571	402.355
76	211.767	320.726	335.358	387.525	407.737	379.254	256.048	385.020	436.232	337.478
77	183.855	283.377	282.026	337.280	349.407	331.502	225.816	342.674	372.322	285.684
78	153.053	242.755	239.866	284.915	294.550	293.000	192.126	298.394	310.905	232.364
79	125.128	202.715	196.366	237.758	250.840	251.422	161.708	261.045	261.429	186.930
80	102.610	169.607	159.972	200.793	207.142	216.194	136.102	229.288	211.184	148.812
81	80.860	134.565	132.258	164.015	167.871	178.262	109.542	188.468	171.715	121.669
82	60.636	104.532	104.916	133.213	138.607	141.881	85.287	148.812	133.213	97.030
83	43.896	78.356	82.584	110.112	109.926	113.770	67.183	116.659	102.610	78.157
84	31.955	60.252	65.075	88.176	87.209	85.089	49.476	86.440	82.398	63.525
85	22.332	44.082	52.750	70.457	70.072	63.141	35.427	61.988	65.261	52.365
86	14.434	31.955	41.577	57.176	54.672	46.202	25.408	46.401	51.782	41.974
87	9.821	23.870	32.724	47.170	42.743	34.658	16.170	32.153	40.622	33.492
88	5.394	16.368	27.912	38.502	34.658	23.870	10.007	22.915	33.108	29.066
89	2.889	12.512	24.453	31.769	28.495	16.170	5.778	16.554	26.759	25.792
90	2.120	12.127	22.717	28.495	24.453	12.127	3.075	11.941	22.518	24.837
91	2.120	12.127	21.948	27.342	21.365	10.974	1.352	9.622	19.443	23.101
92	2.691	11.557	21.750	28.297	21.179	10.974	2.120	10.007	18.873	22.915
93	2.889	11.941	22.134	28.880	21.564	11.358	2.306	10.007	19.059	23.684
94	3.075	11.743	21.750	28.880	21.179	10.776	1.922	9.622	18.674	23.684
95	2.889	11.941	20.596	28.297	20.410	10.974	2.306	9.436	18.092	22.915
96	3.856	10.974	20.026	28.495	20.596	11.358	2.505	10.007	17.137	21.564
97	3.075	10.974	20.026	27.528	20.026	11.358	3.075	9.622	17.521	20.795
98	3.274	10.391	19.642	25.990	19.828	10.590	2.691	8.469	17.521	20.795
99	4.427	10.776	19.642	23.684	19.642	9.821	2.691	8.469	17.521	20.212
100	4.625	9.622	18.476	22.332	18.873	9.436	4.042	8.283	16.368	19.443
101	4.241	9.622	18.674	21.365	18.476	9.821	3.658	8.283	16.554	18.674
102	4.811	9.238	17.707	20.981	18.674	9.052	4.241	7.700	16.170	18.290
103	5.010	9.052	17.323	19.443	17.906	8.469	4.427	7.700	16.554	18.476
104	5.394	8.668	16.368	19.059	16.938	8.283	4.811	8.469	15.401	18.092
105	5.394	7.899	16.368	18.674	15.984	8.668	4.625	7.700	15.215	17.137
106	6.349	8.283	15.401	18.674	15.401	7.514	4.811	8.085	14.434	17.323
107	6.547	8.085	15.215	18.290	15.599	7.316	5.964	7.899	13.479	16.554
108	6.163	7.118	14.248	17.521	15.016	7.700	5.964	7.899	13.094	16.170

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109	7.316	7.899	14.818	16.938	14.049	7.316	5.964	7.316	12.710	15.016
110	7.514	8.085	14.248	17.137	13.665	7.316	6.163	7.118	12.512	15.016
111	7.118	7.700	13.280	16.554	13.665	6.932	7.316	7.700	12.710	14.818
112	7.899	8.085	12.326	15.785	13.280	7.899	6.733	6.547	11.557	14.818
113	8.283	8.469	11.743	14.248	12.896	7.118	7.899	6.547	11.358	14.632
114	8.668	8.283	11.941	13.665	11.557	7.514	8.085	6.932	11.358	13.665
115	8.668	8.283	11.172	13.280	10.974	8.283	8.085	6.349	11.358	13.479
116	9.821	9.238	11.172	13.094	11.172	8.283	8.469	5.964	10.391	13.094
117	10.007	8.469	10.391	11.941	10.974	8.469	8.668	5.778	10.205	13.665
118	9.622	8.668	11.172	11.941	10.391	8.469	9.622	6.547	10.391	12.710
119	10.205	9.238	10.974	11.358	10.007	8.854	9.238	5.580	10.391	12.512
120	10.776	8.469	10.776	11.941	10.007	8.854	9.622	5.580	10.205	12.127
121	11.172	8.283	10.974	11.743	10.776	7.899	10.007	6.349	9.238	12.710
122	10.590	8.469	11.941	11.743	11.358	8.469	10.974	6.163	9.622	11.941
123	11.172	8.668	11.743	11.172	10.974	7.700	10.590	6.163	9.436	11.557
124	11.172	8.668	12.127	12.127	11.172	7.514	10.974	6.163	9.052	11.358
125	12.127	7.899	11.941	12.127	11.743	7.899	10.974	6.932	8.854	11.941
126	11.557	8.668	12.896	12.512	12.326	7.700	11.743	7.316	8.854	11.743
127	11.941	7.700	12.512	12.127	12.512	7.700	11.941	6.547	9.436	11.358
128	11.941	7.514	12.896	12.710	12.127	7.118	12.127	7.514	8.854	10.974
129	12.896	8.085	12.710	13.094	12.127	7.700	11.743	7.514	9.821	11.557
130	12.326	7.700	13.479	14.049	13.094	7.700	12.512	7.316	10.007	11.557
131	12.512	7.514	13.479	13.863	13.094	6.733	12.326	7.118	9.821	11.557
132	12.326	7.700	13.094	14.248	12.710	7.316	12.896	8.283	9.821	11.172
133	13.094	7.700	12.896	14.049	12.512	7.316	12.127	8.854	10.007	11.941
134	13.094	7.700	12.710	15.215	12.326	6.547	12.326	8.085	10.974	12.896
135	12.896	7.514	13.479	15.401	13.094	7.118	12.512	8.085	10.974	13.863
136	12.512	8.283	12.896	15.401	12.512	7.316	13.094	8.854	11.358	13.665
137	13.280	8.469	12.710	14.632	12.512	7.316	12.710	8.668	11.557	13.280
138	13.280	7.899	11.557	15.016	11.557	7.316	12.896	8.469	11.743	13.479
139	13.280	8.668	11.743	14.434	11.743	8.085	12.512	8.469	10.974	13.479
140	12.896	8.469	10.776	14.049	10.974	8.085	13.479	9.238	10.776	12.326
141	13.863	8.668	10.590	12.710	10.776	7.700	13.280	8.854	10.007	11.941
142	13.863	9.238	9.622	12.512	9.622	9.052	13.665	11.941	10.590	11.743
143	13.863	10.776	10.007	11.941	9.821	9.238	13.280	13.665	10.205	11.941
144	13.665	13.665	9.622	12.127	9.436	11.941	13.665	14.434	9.821	11.941
145	13.863	13.280	8.854	11.557	8.668	12.896	13.665	14.434	9.238	10.974
146	14.434	14.434	8.668	10.776	8.469	14.049	14.632	14.818	9.821	10.776
147	14.632	15.215	8.854	10.205	8.668	14.434	14.049	14.248	10.007	11.358
148	15.016	15.599	8.854	10.776	8.469	14.248	14.434	14.632	10.007	10.974
149	14.434	15.215	8.283	10.391	7.700	14.434	14.049	15.215	9.821	10.391
150	15.016	16.368	9.238	10.007	8.668	14.818	14.818	15.401	9.622	10.590
151	15.599	16.554	9.436	9.238	8.854	15.984	14.818	14.818	10.205	10.391
152	15.785	17.323	8.668	9.821	8.085	15.984	15.016	14.434	9.238	10.974
153	15.215	16.752	9.622	9.436	8.854	15.984	14.434	14.248	9.821	10.974
154	15.401	17.323	9.821	9.052	9.052	15.984	15.016	15.016	9.622	10.205
155	16.368	17.707	10.391	9.238	9.436	17.137	14.818	15.016	10.776	10.776
156	16.554	18.476	10.391	9.238	9.622	17.323	15.599	14.632	13.280	10.590
157	16.368	18.674	13.094	9.821	10.974	17.707	15.215	13.479	14.434	12.710
158	16.938	18.290	14.818	9.436	13.479	17.137	15.401	13.665	14.434	15.215
159	16.554	18.092	15.984	10.007	14.632	17.906	15.599	14.248	14.248	14.818
160	17.521	19.059	16.368	10.974	15.215	18.476	16.752	14.248	14.434	15.215
161	17.906	18.873	17.707	14.248	15.785	18.873	16.752	14.049	14.818	16.368
162	18.476	19.443	18.476	15.016	17.521	18.476	17.137	14.049	15.401	16.554
163	18.092	19.059	19.443	16.170	18.290	19.443	16.938	14.248	15.599	16.752
164	18.873	19.642	19.443	16.938	19.059	19.257	17.906	15.016	15.215	16.554

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CANDELA TABULATION - (Cont.)

165	19.443	19.443	20.410	18.873	19.059	19.642	18.476	15.785	14.818	16.938
166	18.873	19.257	20.981	19.443	20.795	18.873	18.873	15.785	14.434	17.906
167	19.257	18.674	21.750	19.828	20.981	19.059	18.476	15.785	15.016	18.476
168	19.443	19.443	21.564	20.795	21.564	18.873	19.059	15.785	15.215	18.290
169	19.443	19.443	22.134	21.948	21.365	19.642	19.059	16.938	15.016	18.476
170	20.212	19.828	21.179	22.134	22.134	19.059	20.026	17.137	15.401	19.059
171	20.212	19.443	21.365	22.332	22.134	19.642	19.828	17.521	15.984	18.873
172	20.026	19.828	20.981	21.365	21.948	19.642	19.828	17.137	16.554	16.170
173	20.212	20.596	20.981	20.795	20.981	20.795	20.026	18.290	16.368	15.599
174	20.981	21.179	20.212	18.290	20.795	21.179	21.179	18.476	16.938	15.599
175	21.179	20.795	20.981	18.092	20.410	20.981	21.179	19.443	17.137	16.554
176	21.564	21.179	20.795	17.906	21.179	20.596	21.365	19.257	18.476	16.752
177	20.981	21.365	21.365	18.290	20.596	21.750	20.795	20.026	18.674	16.554
178	21.365	21.179	21.564	19.059	20.795	21.564	21.564	20.026	19.443	17.707
179	21.179	21.564	21.179	19.257	20.596	21.365	21.948	20.981	19.443	20.981
180	21.208	21.208	21.208	21.208	21.208	21.208	21.208	21.208	21.208	21.208

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	1983.070	1983.070	1983.070
1	1986.530	1995.197	1971.327
2	1988.067	1995.383	1969.591
3	1990.002	1994.614	1966.900
4	1991.155	1994.428	1964.396
5	1993.275	1992.692	1960.353
6	1994.428	1991.539	1956.695
7	1995.582	1988.067	1952.268
8	1996.735	1985.761	1946.490
9	1999.426	1982.872	1939.174
10	2000.976	1979.214	1933.011
11	2003.282	1974.216	1925.894
12	2003.282	1969.976	1917.424
13	2003.852	1964.396	1907.604
14	2002.129	1959.200	1899.519
15	2000.393	1952.839	1888.929
16	1997.702	1946.292	1878.154
17	1995.582	1940.910	1868.519
18	1991.539	1934.164	1855.437
19	1987.497	1926.662	1842.342
20	1981.334	1919.532	1829.632
21	1978.643	1909.340	1816.736
22	1973.249	1899.320	1802.303
23	1967.855	1889.500	1785.352
24	1959.969	1878.154	1769.765
25	1952.839	1864.675	1754.550
26	1942.832	1851.394	1737.228
27	1933.780	1839.639	1718.367
28	1923.575	1826.173	1702.198
29	1912.216	1810.772	1681.973
30	1899.519	1794.788	1662.344
31	1888.346	1779.970	1641.748
32	1874.880	1763.020	1623.458
33	1860.050	1745.126	1599.389
34	1844.649	1727.605	1577.057
35	1831.170	1711.436	1556.659

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CANDELA TABULATION - (Cont.)

36	1817.319	1692.947	1532.975
37	1802.873	1672.549	1507.567
38	1790.560	1653.875	1481.763
39	1774.961	1630.774	1459.430
40	1759.758	1608.441	1432.671
41	1743.006	1587.460	1406.296
42	1726.836	1563.194	1378.000
43	1706.624	1536.819	1352.976
44	1688.334	1514.300	1323.328
45	1665.419	1486.958	1297.536
46	1640.780	1460.013	1267.689
47	1613.438	1430.948	1237.086
48	1588.614	1405.726	1209.942
49	1558.382	1375.693	1177.020
50	1527.779	1346.231	1143.912
51	1493.704	1315.826	1111.561
52	1463.473	1289.451	1077.101
53	1428.244	1259.418	1042.257
54	1392.632	1230.340	1011.654
55	1359.325	1203.395	976.426
56	1320.637	1171.242	940.813
57	1280.585	1138.518	908.846
58	1238.041	1105.410	871.497
59	1198.584	1074.410	834.160
60	1150.832	1036.677	796.998
61	1102.707	997.022	763.307
62	1053.616	956.015	725.189
63	1009.335	918.096	691.312
64	957.553	873.617	651.273
65	904.803	827.799	612.386
66	858.415	786.991	578.113
67	805.467	740.206	539.425
68	754.838	692.466	499.373
69	704.593	643.957	459.916
70	662.433	601.214	421.414
71	631.631	552.891	387.339
72	587.934	510.161	349.221
73	539.995	462.222	311.674
74	478.590	413.329	276.061
75	416.590	365.961	245.260
76	354.801	324.570	211.767
77	302.634	282.224	183.855
78	246.413	245.074	153.053
79	197.520	209.448	125.128
80	159.786	175.572	102.610
81	124.744	138.037	80.860
82	96.646	103.379	60.636
83	75.652	78.740	43.896
84	61.417	56.978	31.955
85	49.278	41.193	22.332
86	40.622	30.616	14.434
87	32.339	20.981	9.821
88	25.606	15.016	5.394
89	22.134	11.172	2.889
90	20.410	10.007	2.120
91	20.212	9.821	2.120

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CANDELA TABULATION - (Cont.)

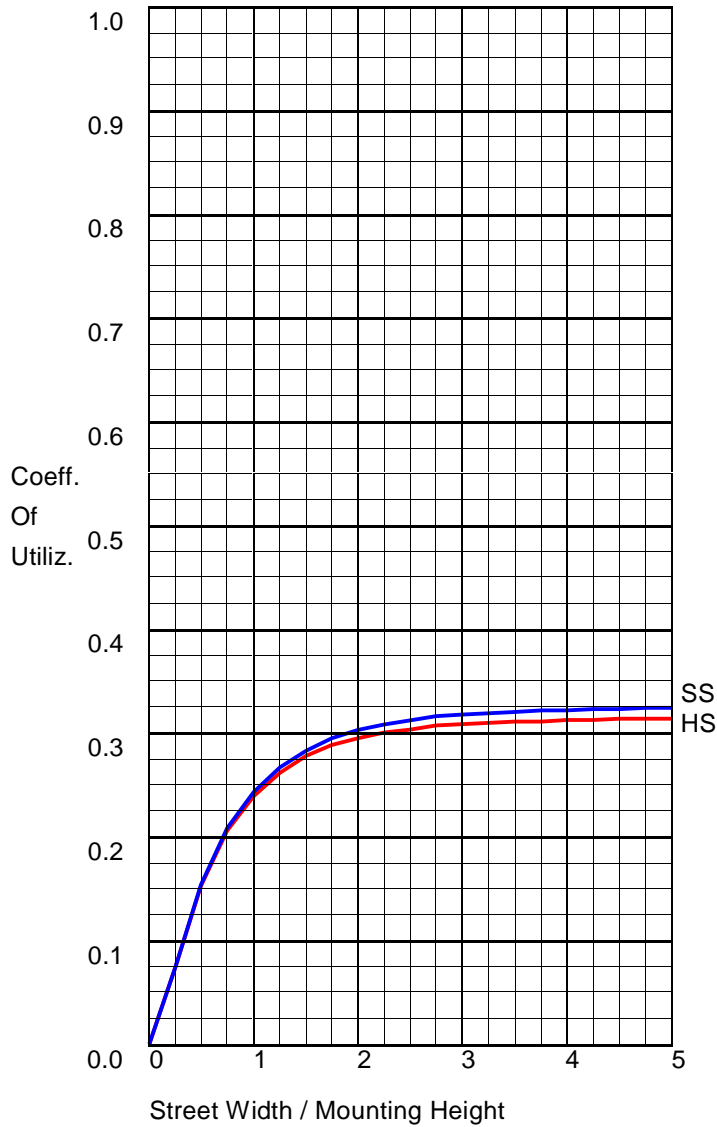
92	19.059	9.821	2.691
93	18.873	10.590	2.889
94	18.092	10.776	3.075
95	18.476	10.007	2.889
96	17.521	9.436	3.856
97	17.707	8.854	3.075
98	17.323	9.238	3.274
99	17.707	8.085	4.427
100	16.554	8.085	4.625
101	16.554	8.854	4.241
102	16.368	8.283	4.811
103	16.554	8.283	5.010
104	15.984	8.469	5.394
105	15.016	8.668	5.394
106	13.863	8.085	6.349
107	13.280	8.085	6.547
108	13.479	8.854	6.163
109	13.094	7.700	7.316
110	12.896	7.514	7.514
111	11.941	7.899	7.118
112	11.941	7.118	7.899
113	12.127	6.932	8.283
114	11.172	6.932	8.668
115	11.172	6.932	8.668
116	10.590	6.733	9.821
117	11.172	6.163	10.007
118	10.391	6.932	9.622
119	10.391	6.163	10.205
120	9.622	6.163	10.776
121	9.436	6.932	11.172
122	9.821	6.547	10.590
123	9.622	6.932	11.172
124	9.052	6.932	11.172
125	9.821	7.514	12.127
126	9.821	7.700	11.557
127	9.622	7.316	11.941
128	9.622	8.085	11.941
129	9.622	7.316	12.896
130	10.590	7.514	12.326
131	10.974	9.052	12.512
132	11.358	8.469	12.326
133	10.974	9.052	13.094
134	11.743	9.052	13.094
135	12.512	9.052	12.896
136	12.127	8.854	12.512
137	11.358	8.854	13.280
138	11.172	9.821	13.280
139	10.974	10.007	13.280
140	11.172	11.557	12.896
141	10.776	14.248	13.863
142	10.776	14.632	13.863
143	9.821	14.818	13.863
144	10.205	14.434	13.665
145	9.821	15.016	13.863
146	10.590	14.818	14.434
147	10.205	15.599	14.632

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CANDELA TABULATION - (Cont.)

148	10.205	15.016	15.016
149	9.821	15.215	14.434
150	9.622	15.785	15.016
151	9.821	15.785	15.599
152	9.821	15.016	15.785
153	9.821	15.016	15.215
154	12.326	14.632	15.401
155	14.434	15.016	16.368
156	14.248	14.248	16.554
157	14.248	14.248	16.368
158	15.401	13.863	16.938
159	15.215	13.863	16.554
160	15.599	14.434	17.521
161	15.016	15.016	17.906
162	15.599	15.016	18.476
163	15.401	15.785	18.092
164	15.984	15.984	18.873
165	15.016	15.984	19.443
166	14.818	15.984	18.873
167	14.818	16.170	19.257
168	15.984	17.137	19.443
169	16.368	17.137	19.443
170	15.984	17.137	20.212
171	16.368	17.323	20.212
172	16.938	18.476	20.026
173	17.707	18.873	20.212
174	17.323	18.476	20.981
175	17.906	18.873	21.179
176	18.290	20.026	21.564
177	18.873	20.212	20.981
178	20.410	20.795	21.365
179	20.596	21.179	21.179
180	21.208	21.208	21.208

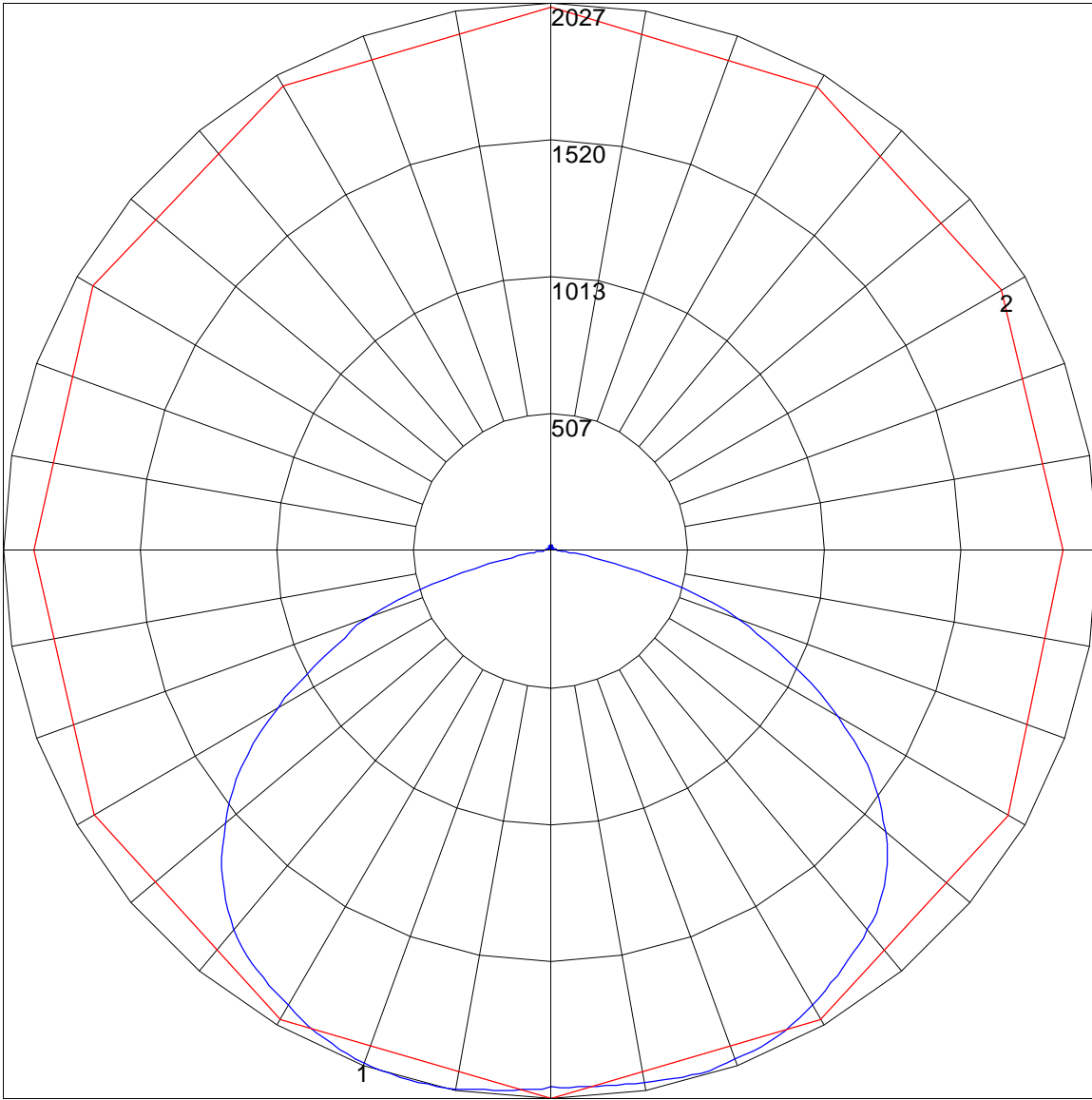
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

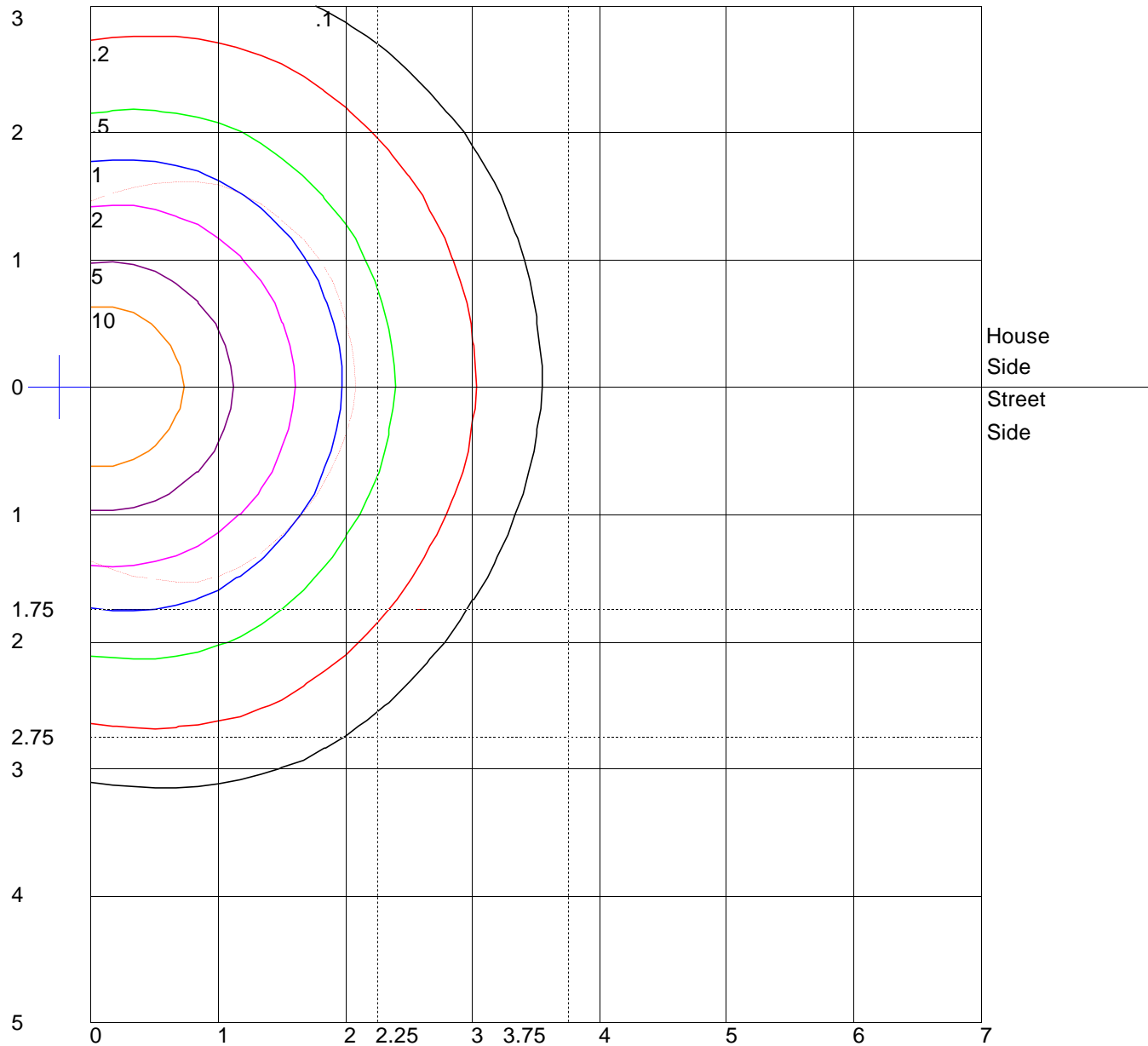
	Lumens	Percent Of Lamp
Downward Street Side	3149.4	31.5
Downward House Side	3258.9	32.6
Downward Total	6408.3	64.1
Upward Street Side	38.7	0.4
Upward House Side	37.6	0.4
Upward Total	76.3	0.8
Total Flux	6484.6	64.8

POLAR GRAPH



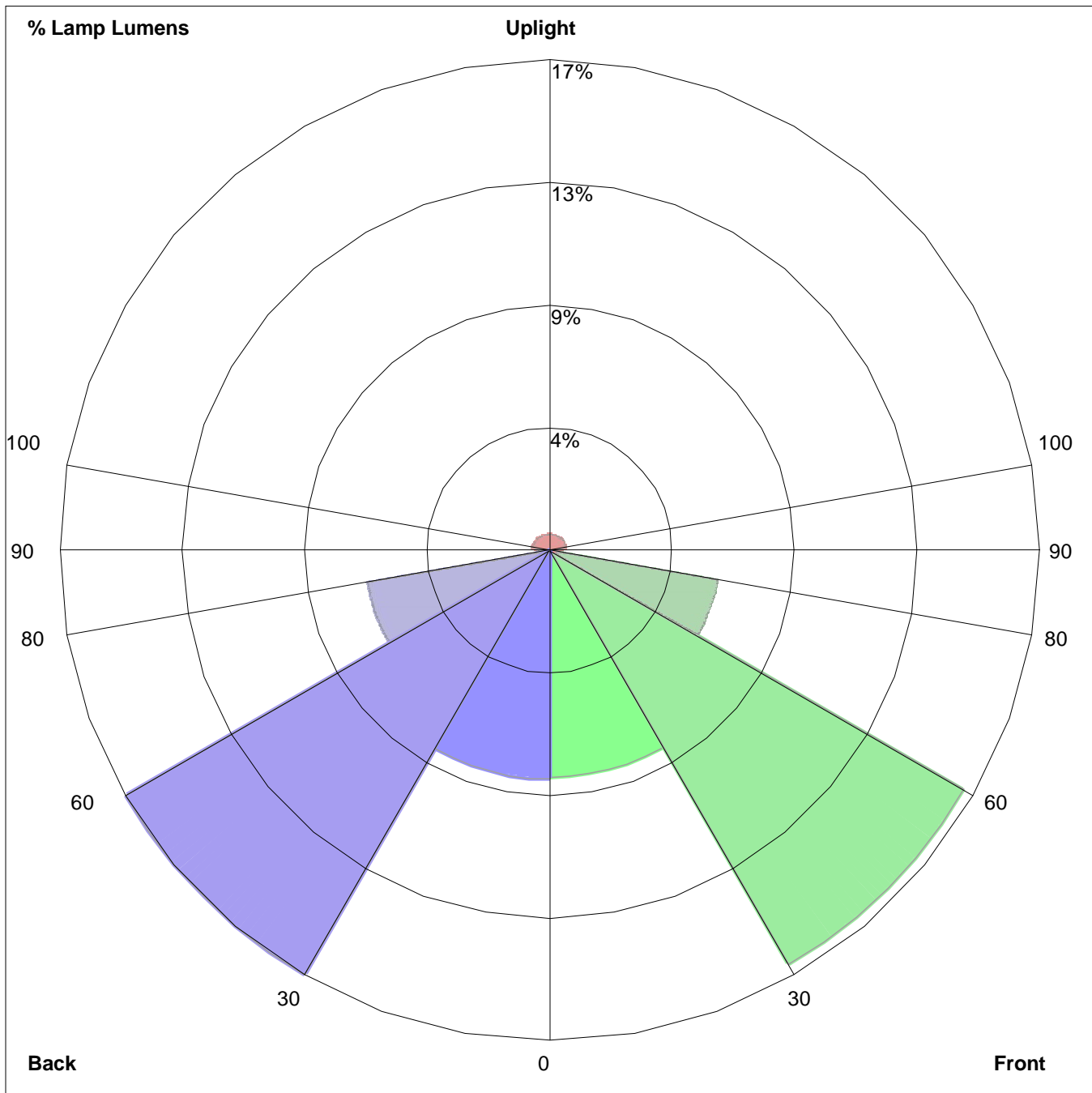
Maximum Candela = 2026.954 Located At Horizontal Angle = 270, Vertical Angle = 14
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (14) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:
 Front: Low=8.1%, Medium=17.0%, High=6.1%, Very High=0.3%
 Back: Low=8.1%, Medium=17.4%, High=6.6%, Very High=0.4%
 Uplight: Low=0.2%, High=0.6%

BUG Rating : B2-U2-G2