

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT60WWT50120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3220530-23703E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-06-08
[ISSUEDATE] 2022-06-08 15:33:18
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] SLSEL8HT60WWT50120-277V_P
[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8623
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.36
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.43 m
Luminous Width (90-270)	0.09 m
Luminous Height	0.05 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9497	7513	7342
55	8832	6827	6757
65	7859	6183	6254
75	6188	5629	5838
85	2838	5276	5591

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333
1	2247.741	2248.213	2248.626	2250.394	2250.099	2250.767	2252.300	2250.532	2250.355	2249.353
2	2245.246	2246.916	2247.918	2250.767	2250.335	2252.202	2253.400	2251.750	2250.512	2248.390
3	2242.004	2244.971	2246.543	2248.803	2249.883	2252.673	2253.459	2251.848	2249.431	2247.211
4	2238.330	2241.807	2243.556	2247.349	2249.530	2252.556	2253.066	2250.748	2248.292	2245.560
5	2232.474	2236.149	2240.982	2245.069	2248.724	2251.494	2251.043	2249.196	2244.814	2242.692
6	2227.169	2233.417	2236.699	2242.633	2246.366	2249.687	2249.372	2247.211	2241.316	2238.172
7	2221.196	2226.737	2232.533	2239.705	2244.362	2246.504	2246.464	2243.281	2236.541	2232.985
8	2213.611	2219.624	2227.837	2235.264	2240.845	2244.932	2243.890	2238.487	2231.295	2227.837
9	2205.476	2212.648	2222.021	2231.629	2237.838	2241.336	2239.037	2234.046	2225.243	2221.510
10	2195.868	2203.944	2214.083	2226.697	2233.594	2237.406	2234.970	2228.171	2217.718	2213.041
11	2186.259	2195.259	2207.814	2220.685	2229.704	2232.415	2228.898	2220.822	2210.330	2206.439
12	2173.939	2185.316	2200.033	2215.085	2223.593	2226.501	2222.433	2213.807	2201.409	2197.636
13	2162.268	2174.568	2191.113	2207.618	2217.462	2220.547	2215.144	2205.496	2191.683	2188.578
14	2150.223	2163.722	2182.526	2200.092	2211.292	2213.827	2208.365	2196.772	2181.190	2177.378
15	2137.176	2152.797	2171.974	2191.407	2203.983	2207.500	2199.660	2186.790	2170.088	2165.982
16	2122.596	2138.767	2160.991	2183.607	2196.556	2199.051	2190.602	2176.553	2158.024	2154.054
17	2107.859	2125.858	2149.614	2174.490	2187.320	2190.720	2180.502	2164.449	2145.232	2140.929
18	2092.062	2111.337	2137.254	2164.331	2179.107	2181.327	2170.403	2152.542	2131.124	2127.862
19	2075.478	2096.365	2125.485	2153.603	2169.459	2171.837	2159.163	2139.514	2117.252	2112.791
20	2058.835	2080.331	2112.025	2142.520	2158.279	2162.130	2147.000	2125.956	2101.788	2097.622
21	2040.993	2064.062	2097.996	2130.751	2148.847	2150.125	2134.877	2112.045	2086.029	2082.021
22	2021.718	2047.497	2083.632	2118.607	2137.883	2139.259	2121.535	2096.424	2068.384	2064.867
23	2001.322	2028.850	2068.070	2105.836	2126.585	2127.096	2107.624	2080.213	2049.836	2047.340
24	1981.476	2010.125	2053.294	2092.789	2114.619	2113.951	2092.965	2063.374	2030.304	2028.673
25	1961.965	1991.281	2035.924	2079.172	2102.633	2100.805	2077.266	2045.532	2011.539	2010.105
26	1940.763	1971.278	2019.851	2064.062	2088.760	2087.483	2061.998	2026.846	1991.379	1990.220
27	1918.599	1951.079	2002.029	2048.814	2075.301	2073.139	2045.218	2008.003	1970.276	1970.316
28	1895.335	1930.192	1983.461	2034.038	2061.193	2057.695	2028.968	1989.022	1948.564	1949.016
29	1870.950	1908.362	1964.735	2017.631	2046.279	2042.605	2010.518	1968.252	1926.007	1926.439
30	1847.155	1885.667	1945.695	2001.774	2031.582	2026.610	1993.423	1946.678	1902.330	1904.039
31	1823.104	1863.287	1927.284	1984.247	2015.175	2011.225	1974.127	1925.417	1878.122	1880.165
32	1798.032	1839.826	1907.124	1968.410	1998.591	1993.541	1954.046	1902.939	1854.189	1856.135
33	1771.290	1816.031	1886.650	1950.647	1983.323	1976.289	1934.633	1879.537	1828.508	1831.888
34	1744.488	1791.194	1865.743	1932.039	1965.777	1957.799	1914.080	1855.820	1802.728	1806.383
35	1718.041	1766.495	1843.815	1913.510	1948.309	1940.292	1893.389	1831.455	1775.691	1780.702
36	1690.080	1741.914	1821.866	1894.372	1930.428	1920.760	1871.304	1806.324	1748.595	1754.057
37	1661.706	1714.523	1799.093	1874.880	1911.840	1901.858	1849.356	1780.466	1721.027	1727.845
38	1632.783	1687.820	1775.888	1854.700	1892.977	1882.838	1827.290	1754.784	1691.612	1700.533
39	1602.818	1661.431	1753.507	1834.913	1873.858	1861.931	1803.907	1727.551	1662.473	1671.393
40	1573.836	1634.139	1730.144	1814.380	1855.211	1841.594	1781.566	1701.182	1632.135	1643.256
41	1542.181	1606.925	1705.426	1793.159	1834.796	1820.786	1756.769	1672.848	1602.071	1614.529
42	1512.098	1577.274	1681.808	1772.586	1815.146	1799.899	1733.151	1644.494	1571.085	1584.878
43	1481.288	1549.687	1657.541	1751.542	1794.338	1778.638	1708.609	1615.413	1539.921	1554.737
44	1449.437	1520.999	1632.606	1728.435	1774.257	1756.828	1683.753	1587.079	1507.186	1523.377
45	1418.509	1491.584	1608.123	1706.703	1754.254	1734.389	1658.012	1557.173	1474.490	1492.881
46	1386.265	1461.521	1583.464	1685.050	1731.756	1712.775	1632.665	1526.894	1441.125	1461.816
47	1353.431	1432.401	1556.761	1662.512	1709.650	1690.001	1606.610	1497.695	1408.311	1429.572
48	1320.107	1402.201	1531.158	1639.012	1687.643	1665.852	1580.457	1465.726	1374.299	1398.035
49	1286.330	1371.509	1505.064	1616.042	1664.968	1643.079	1554.108	1434.071	1339.048	1365.299
50	1253.162	1341.504	1478.891	1592.424	1642.490	1620.836	1528.643	1403.497	1304.800	1332.623
51	1219.149	1310.714	1452.817	1568.845	1619.913	1595.980	1500.800	1371.509	1269.589	1300.674
52	1184.645	1279.020	1425.445	1544.873	1596.963	1571.733	1473.998	1339.127	1233.650	1267.152
53	1149.945	1247.817	1399.744	1520.921	1573.954	1547.820	1446.195	1306.883	1198.773	1233.257

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54	1115.540	1216.850	1373.375	1497.106	1550.748	1523.436	1419.452	1274.462	1161.852	1199.834
55	1080.014	1184.842	1346.338	1473.075	1527.385	1499.169	1391.079	1241.589	1125.521	1166.608
56	1044.881	1153.403	1318.633	1450.007	1503.335	1474.332	1363.885	1208.460	1088.267	1132.733
57	1009.257	1121.847	1292.264	1425.681	1480.601	1450.027	1335.570	1175.175	1051.405	1098.563
58	973.810	1089.563	1265.187	1400.766	1456.570	1425.799	1308.572	1142.459	1014.602	1064.707
59	937.735	1058.046	1238.386	1377.227	1433.246	1401.611	1280.337	1109.605	977.524	1030.871
60	901.344	1025.802	1211.309	1352.469	1410.296	1376.205	1252.553	1075.691	938.697	996.996
61	865.740	994.580	1184.547	1327.593	1386.029	1351.388	1225.123	1042.347	900.853	963.259
62	828.721	962.551	1157.982	1303.307	1362.352	1325.962	1197.024	1009.120	862.302	929.423
63	792.253	930.229	1131.475	1279.001	1338.243	1301.518	1170.636	975.874	823.750	895.312
64	756.157	898.829	1104.752	1254.085	1314.212	1276.092	1142.871	942.293	785.238	862.282
65	719.040	867.686	1078.285	1229.838	1290.142	1251.708	1115.422	908.595	746.726	828.977
66	682.021	836.443	1051.778	1206.004	1265.678	1225.928	1088.090	876.626	707.938	796.104
67	645.238	804.573	1025.213	1180.951	1241.255	1201.701	1060.443	842.888	669.858	763.467
68	608.966	773.959	999.197	1157.215	1217.067	1177.179	1032.502	810.487	630.658	731.281
69	573.499	743.876	973.575	1132.536	1193.645	1152.893	1006.624	778.341	592.067	699.351
70	536.283	712.949	947.540	1108.643	1169.437	1128.253	979.627	746.038	553.948	667.481
71	500.345	683.043	922.192	1085.024	1145.976	1104.163	953.179	713.911	515.573	636.356
72	463.994	653.844	896.864	1061.072	1122.829	1080.034	926.633	682.335	477.670	606.018
73	428.705	624.724	872.794	1038.161	1099.702	1055.885	901.718	652.213	440.042	576.289
74	393.218	595.663	847.702	1014.366	1075.848	1032.011	875.113	621.777	402.925	546.737
75	358.400	567.270	823.455	991.377	1052.505	1007.902	850.355	591.281	366.083	518.796
76	324.682	540.017	799.464	968.761	1030.203	984.834	824.752	562.260	330.164	490.933
77	290.748	512.705	776.022	945.889	1007.155	961.510	800.623	533.788	295.169	463.601
78	257.973	486.434	752.424	923.332	984.637	938.914	776.180	505.729	260.174	437.547
79	226.063	460.556	729.454	901.089	962.217	915.904	752.542	478.515	225.179	412.376
80	195.352	435.817	706.877	879.023	939.857	892.738	728.236	451.910	193.092	387.893
81	165.937	411.531	684.733	856.800	917.221	870.318	705.305	426.622	162.518	364.059
82	137.780	387.893	662.942	835.402	895.332	848.233	682.493	401.530	133.457	341.816
83	113.159	365.592	641.603	813.886	874.013	826.108	660.014	377.499	106.538	320.202
84	88.618	343.997	620.460	792.783	852.457	804.926	638.144	354.490	81.328	300.062
85	64.095	323.208	600.025	771.621	831.806	783.391	616.786	332.836	59.085	279.902
86	44.191	303.382	580.062	751.422	810.742	762.720	595.761	311.773	42.422	259.781
87	26.841	284.559	560.354	730.947	790.091	741.774	575.032	291.730	25.760	242.431
88	18.058	266.501	540.803	710.886	769.794	721.123	555.264	272.690	9.137	226.024
89	9.451	249.681	522.116	691.433	749.909	701.454	535.635	255.163	1.572	210.776
90	0.845	233.510	503.705	672.059	729.808	681.392	516.733	238.069	0.314	196.157
91	0.570	218.538	485.864	653.274	710.257	661.959	498.007	222.035	0.334	182.855
92	0.589	204.154	468.514	634.529	691.374	642.703	479.890	207.298	0.354	170.613
93	0.629	190.734	451.203	616.137	672.472	623.977	462.147	193.406	0.413	158.902
94	0.688	178.257	434.894	597.490	653.923	605.429	444.836	180.182	0.452	148.115
95	0.727	166.742	418.507	580.003	635.570	587.528	428.056	168.295	0.491	138.251
96	0.806	155.680	402.984	562.790	617.041	569.687	412.062	157.114	0.531	129.232
97	0.904	145.639	387.657	545.617	599.514	552.003	395.910	146.818	0.570	120.646
98	1.022	136.404	372.763	528.738	582.164	535.046	380.407	137.072	0.668	113.061
99	1.159	127.778	358.655	512.724	564.971	518.580	365.827	128.289	0.786	106.046
100	1.277	120.135	344.508	496.337	548.152	501.917	351.248	120.528	0.943	99.405
101	1.415	112.491	331.107	480.735	531.941	485.805	337.454	112.766	1.120	93.451
102	1.552	104.848	318.080	465.114	515.829	470.243	323.994	105.005	1.336	88.008
103	1.729	98.698	305.347	449.945	500.031	454.740	310.928	98.737	1.533	82.998
104	1.926	92.921	293.283	435.464	484.508	440.003	298.372	93.019	1.768	78.321
105	2.142	87.753	281.336	420.747	469.359	425.050	286.209	87.674	1.985	74.195
106	2.358	82.919	269.920	406.697	454.268	410.843	274.518	82.841	2.220	70.324
107	2.613	78.498	258.975	392.629	439.413	396.657	263.062	78.439	2.436	66.669
108	2.849	74.470	248.365	379.267	425.207	382.922	252.334	74.333	2.672	63.408
109	3.085	70.658	238.226	366.043	411.354	369.580	241.704	70.639	2.908	60.401

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CANDELA TABULATION - (Cont.)

110	3.321	67.239	228.303	353.252	397.639	356.671	231.742	67.161	3.144	57.513
111	3.556	64.076	218.872	340.775	384.062	344.135	222.094	64.017	3.399	54.919
112	3.792	61.128	209.695	328.553	371.113	331.559	212.780	61.069	3.635	52.561
113	4.048	58.436	200.932	316.547	358.007	319.672	203.781	58.378	3.871	50.302
114	4.284	55.941	192.640	305.092	345.687	307.745	195.273	55.862	4.107	48.160
115	4.539	53.642	184.486	293.951	333.485	296.486	187.158	53.642	4.323	46.274
116	4.775	51.461	176.783	282.908	321.774	285.423	179.377	51.520	4.559	44.466
117	5.030	49.516	169.415	272.278	310.240	274.675	171.714	49.555	4.794	42.717
118	5.266	47.669	162.380	262.218	298.961	264.359	164.561	47.708	5.030	41.165
119	5.502	45.940	155.503	252.196	287.899	254.024	157.586	46.097	5.266	39.672
120	5.738	44.328	148.960	242.254	277.170	244.298	150.984	44.505	5.521	38.237
121	5.993	42.855	142.810	232.960	266.796	234.728	144.657	42.992	5.738	36.901
122	6.248	41.420	136.699	223.764	256.775	225.552	138.546	41.636	5.973	35.702
123	6.465	40.143	130.981	214.961	246.872	216.651	132.730	40.359	6.209	34.504
124	6.700	38.905	125.460	206.237	237.224	207.770	126.501	39.121	6.445	33.364
125	6.956	37.746	119.958	197.965	227.989	199.419	121.176	37.962	6.661	32.303
126	7.211	36.646	114.436	189.869	218.832	191.284	115.871	36.921	6.897	31.301
127	7.467	35.604	109.583	182.069	210.069	183.483	111.037	35.919	7.113	30.299
128	7.722	34.641	105.025	174.602	201.423	175.781	106.302	34.956	7.349	29.336
129	7.978	33.738	100.623	167.253	193.151	168.472	101.881	34.091	7.565	28.413
130	8.233	32.873	96.516	160.219	185.193	161.359	97.735	33.227	7.781	27.469
131	8.488	32.087	92.528	153.361	177.373	154.442	93.589	32.382	7.997	26.546
132	8.744	31.262	88.637	146.759	169.886	147.919	89.718	31.635	8.213	25.681
133	8.999	30.554	84.943	140.491	162.459	141.552	86.083	30.928	8.410	24.817
134	9.255	29.847	81.465	134.321	155.483	135.265	82.566	30.240	8.626	23.952
135	9.510	29.199	78.086	128.407	148.685	129.311	79.166	29.592	8.822	23.186
136	9.766	28.550	74.961	122.689	142.063	123.554	75.905	28.982	9.019	22.439
137	10.041	27.961	71.916	116.991	135.795	117.777	72.859	28.393	9.215	21.732
138	10.316	27.411	68.968	111.293	129.488	112.020	69.872	27.843	9.412	21.064
139	10.591	26.900	66.198	106.282	123.593	106.989	67.082	27.332	9.589	20.219
140	10.886	26.428	63.585	101.507	117.679	102.234	64.410	26.860	9.746	18.608
141	11.180	25.956	61.030	96.851	111.784	97.558	61.816	26.408	9.903	17.527
142	11.455	25.524	58.613	92.469	106.577	93.058	59.380	25.976	10.080	17.566
143	11.731	25.112	56.314	88.225	101.527	88.834	57.041	25.564	10.257	16.996
144	12.006	24.719	54.094	84.157	96.752	84.747	54.782	25.151	10.434	16.407
145	12.241	24.345	51.952	80.208	91.997	80.738	52.620	24.738	10.611	15.837
146	12.458	23.952	49.909	76.474	87.537	76.926	50.596	24.286	10.748	15.425
147	12.615	23.599	47.924	72.859	83.194	73.311	48.573	23.677	10.827	15.071
148	12.752	23.245	46.038	69.381	79.048	69.735	46.627	22.989	10.866	14.560
149	12.811	22.911	44.230	66.021	75.079	66.414	44.820	22.459	10.886	13.990
150	12.890	22.577	42.501	62.779	71.287	63.211	43.071	22.243	10.925	13.420
151	13.008	22.262	40.851	59.733	67.652	60.087	41.361	21.535	10.945	12.615
152	13.086	21.968	39.259	56.806	64.194	57.140	39.750	21.084	10.964	11.711
153	13.126	21.712	37.766	54.055	60.873	54.369	38.237	21.084	11.004	10.925
154	13.165	21.457	36.292	51.382	57.651	51.677	36.764	20.651	11.023	10.493
155	13.244	21.221	34.936	48.808	54.625	49.103	35.349	20.160	11.023	10.375
156	13.263	21.005	33.620	46.392	51.736	46.667	34.013	20.081	11.043	10.630
157	13.244	20.730	32.323	44.014	49.005	44.309	32.696	19.629	11.043	10.787
158	13.204	20.415	31.085	41.794	46.313	42.049	31.262	18.726	11.043	10.689
159	13.145	20.042	29.886	39.672	43.778	39.907	29.552	17.999	11.004	10.650
160	13.067	19.551	28.766	37.608	41.342	37.785	27.725	17.291	10.964	10.591
161	12.968	19.020	27.705	35.683	39.023	35.879	26.291	16.505	10.905	10.611
162	12.831	18.470	26.664	33.816	36.822	33.993	24.836	15.759	10.827	10.571
163	12.713	17.920	25.662	32.067	34.759	32.225	23.284	15.169	10.768	10.532
164	12.556	17.389	24.699	30.397	32.755	30.535	21.339	14.737	10.689	10.532
165	12.399	16.879	23.795	28.806	30.888	28.943	20.199	14.364	10.591	10.473

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CANDELA TABULATION - (Cont.)

166	12.222	16.427	22.989	27.352	29.140	27.135	19.335	13.951	10.532	10.453
167	12.300	16.014	22.204	25.937	27.528	25.288	18.647	13.833	10.532	10.394
168	12.300	15.464	21.319	24.660	25.996	23.540	17.802	13.715	10.709	10.473
169	12.497	14.933	20.239	23.500	24.601	21.928	16.918	13.951	10.905	10.709
170	12.654	14.560	19.020	22.420	23.324	20.081	15.798	13.990	11.082	10.984
171	12.713	14.206	17.900	21.162	22.125	18.627	14.973	13.971	11.279	11.220
172	12.811	14.128	16.879	19.649	20.671	16.682	14.226	13.971	11.475	11.436
173	12.870	14.049	16.328	18.116	18.942	14.540	13.971	13.971	11.711	11.672
174	12.968	13.892	15.700	16.780	17.331	13.794	14.069	13.971	11.966	11.927
175	13.106	13.735	15.189	16.289	16.387	13.047	14.088	13.971	12.202	12.182
176	13.224	13.597	14.756	15.994	15.916	12.300	13.971	13.872	12.458	12.438
177	13.322	13.440	14.246	14.914	15.110	12.320	13.656	13.617	12.713	12.713
178	13.420	13.440	13.794	13.931	12.870	12.104	13.322	13.597	13.027	13.008
179	13.460	13.361	13.263	12.968	10.591	11.907	13.008	13.519	13.302	13.283
180	13.401	13.401	13.401	13.401	13.401	13.401	13.401	13.401	13.401	13.401

**Vert.
Angles**

Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333	2249.333
1	2249.294	2247.918	2247.349	2248.547	2248.076	2246.484	2247.741
2	2247.918	2245.875	2244.460	2244.657	2243.635	2243.281	2245.246
3	2245.167	2243.674	2241.925	2240.746	2239.843	2238.801	2242.004
4	2243.203	2241.257	2238.172	2237.937	2235.893	2235.284	2238.330
5	2239.469	2237.406	2234.419	2232.219	2231.256	2227.955	2232.474
6	2234.164	2233.358	2230.214	2227.660	2224.909	2222.689	2227.169
7	2229.566	2227.974	2225.243	2221.962	2218.248	2214.751	2221.196
8	2224.536	2222.257	2219.466	2214.476	2210.074	2206.655	2213.611
9	2217.836	2216.814	2212.982	2207.854	2201.822	2198.953	2205.476
10	2210.369	2209.386	2206.066	2199.778	2193.765	2188.971	2195.868
11	2203.059	2202.156	2197.676	2191.565	2184.589	2178.203	2186.259
12	2194.984	2192.744	2189.128	2182.349	2173.802	2166.885	2173.939
13	2185.866	2184.432	2180.817	2171.562	2162.150	2154.958	2162.268
14	2176.081	2175.472	2171.031	2162.032	2151.363	2141.970	2150.223
15	2164.311	2165.667	2161.167	2150.891	2139.494	2128.648	2137.176
16	2154.408	2155.076	2150.773	2139.593	2125.445	2113.833	2122.596
17	2142.894	2143.955	2139.278	2127.509	2111.691	2098.978	2107.859
18	2129.139	2131.281	2127.803	2115.090	2098.153	2083.494	2092.062
19	2115.523	2119.276	2116.033	2102.181	2082.748	2066.616	2075.478
20	2102.358	2105.718	2102.790	2087.778	2067.854	2049.737	2058.835
21	2087.857	2093.555	2089.743	2073.572	2051.093	2031.798	2040.993
22	2071.626	2079.545	2075.065	2059.130	2034.647	2012.954	2021.718
23	2056.045	2064.631	2061.664	2043.528	2017.120	1994.111	2001.322
24	2038.832	2049.010	2046.770	2027.436	1998.709	1973.793	1981.476
25	2021.266	2033.153	2030.344	2010.695	1980.160	1952.789	1961.965
26	2003.798	2016.825	2015.116	1993.698	1961.454	1932.452	1940.763
27	1985.504	2000.359	1999.062	1976.210	1940.862	1909.875	1918.599
28	1965.659	1983.795	1982.419	1958.172	1919.130	1886.748	1895.335
29	1946.206	1965.934	1964.892	1939.643	1899.363	1863.680	1870.950
30	1926.243	1947.287	1947.739	1921.822	1877.945	1840.828	1847.155
31	1905.336	1928.168	1928.954	1901.858	1855.722	1816.149	1823.104
32	1883.820	1909.855	1910.563	1882.504	1834.324	1790.801	1798.032
33	1861.636	1890.010	1892.112	1863.012	1810.745	1766.299	1771.290
34	1839.059	1869.928	1873.799	1842.616	1788.149	1739.478	1744.488
35	1815.834	1849.356	1853.403	1821.906	1764.137	1713.207	1718.041
36	1793.316	1828.135	1833.165	1799.525	1739.497	1685.502	1690.080

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CANDELA TABULATION - (Cont.)

37	1768.637	1807.110	1812.906	1778.481	1715.093	1657.953	1661.706
38	1744.645	1785.791	1792.570	1756.219	1689.667	1630.759	1632.783
39	1720.045	1764.059	1770.661	1734.782	1665.499	1602.386	1602.818
40	1694.304	1741.836	1749.951	1711.772	1639.916	1572.834	1573.836
41	1669.939	1720.241	1729.555	1688.744	1613.998	1543.969	1542.181
42	1644.435	1696.800	1707.214	1666.186	1588.474	1514.043	1512.098
43	1617.182	1673.241	1685.678	1642.725	1561.280	1483.626	1481.288
44	1591.539	1650.664	1663.298	1619.382	1534.832	1453.229	1449.437
45	1565.111	1627.360	1640.721	1595.430	1507.893	1422.793	1418.509
46	1538.172	1603.899	1617.810	1571.556	1481.092	1391.845	1386.265
47	1510.782	1580.045	1595.666	1547.997	1454.172	1360.230	1353.431
48	1483.489	1556.407	1572.048	1523.986	1426.192	1328.752	1320.107
49	1455.744	1532.199	1549.510	1499.444	1398.703	1296.704	1286.330
50	1427.351	1508.208	1525.813	1475.217	1370.978	1264.441	1253.162
51	1400.039	1483.646	1503.020	1450.419	1343.882	1232.334	1219.149
52	1371.803	1458.495	1478.714	1425.779	1315.489	1199.559	1184.645
53	1343.155	1434.012	1455.273	1401.513	1287.430	1167.433	1149.945
54	1316.098	1409.353	1431.537	1376.932	1260.078	1134.285	1115.540
55	1287.548	1384.438	1407.643	1351.958	1231.980	1101.589	1080.014
56	1258.978	1359.621	1383.534	1327.868	1204.688	1069.030	1044.881
57	1230.389	1334.568	1359.798	1302.521	1176.864	1036.000	1009.257
58	1202.605	1309.909	1336.062	1277.998	1148.845	1002.636	973.810
59	1175.214	1285.190	1312.502	1253.555	1121.533	969.920	937.735
60	1147.175	1260.275	1288.629	1229.131	1094.181	937.715	901.344
61	1118.762	1235.301	1265.285	1204.137	1066.574	905.117	865.740
62	1090.782	1210.425	1241.392	1179.831	1039.635	871.910	828.721
63	1063.685	1185.765	1217.617	1155.486	1013.403	840.334	792.253
64	1035.725	1161.184	1193.625	1130.905	986.032	807.874	756.157
65	1009.159	1137.311	1170.184	1107.012	959.840	776.160	719.040
66	981.591	1112.415	1146.762	1083.001	933.785	743.975	682.021
67	954.967	1088.424	1123.242	1059.323	907.711	713.479	645.238
68	928.244	1064.157	1100.213	1035.528	881.754	681.530	608.966
69	901.836	1040.048	1076.733	1012.401	856.387	651.467	573.499
70	876.331	1016.567	1053.723	988.901	831.924	621.384	536.283
71	850.434	993.165	1030.911	965.892	806.891	591.890	500.345
72	825.735	969.841	1008.334	943.551	782.703	562.692	463.994
73	800.368	947.029	985.286	920.974	758.574	534.515	428.705
74	775.688	924.295	963.809	898.161	734.799	506.515	393.218
75	752.384	901.423	941.232	876.135	711.927	479.301	358.400
76	728.413	879.062	919.206	854.108	689.213	452.853	324.682
77	704.735	857.114	897.533	832.769	666.675	427.408	290.748
78	681.726	835.225	876.370	811.391	644.766	402.571	257.973
79	659.562	813.670	855.267	790.071	623.349	378.639	226.063
80	636.966	792.351	834.420	769.322	602.206	355.924	195.352
81	615.509	771.385	813.454	748.946	581.594	333.288	165.937
82	594.307	750.400	792.862	728.864	561.572	312.696	137.780
83	573.931	729.867	772.937	708.724	542.139	292.634	113.159
84	553.594	709.687	753.053	689.272	522.706	272.553	88.618
85	533.926	690.136	733.639	670.310	504.020	252.511	64.095
86	515.121	670.998	714.147	651.427	485.726	235.789	44.191
87	496.101	651.526	694.754	632.957	467.846	219.402	26.841
88	478.161	632.662	675.969	614.507	450.535	204.135	18.058
89	460.516	614.251	657.774	596.763	434.088	190.066	9.451
90	442.793	596.115	639.638	579.001	417.642	176.724	0.845
91	426.347	578.274	622.032	561.827	401.805	164.247	0.570
92	410.274	561.002	604.544	545.224	386.479	153.047	0.589

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CANDELA TABULATION - (Cont.)

93	394.535	544.241	587.391	528.542	371.683	142.417	0.629
94	378.992	527.206	570.217	512.272	357.142	132.474	0.688
95	364.393	511.015	553.476	496.356	343.113	123.455	0.727
96	350.226	495.001	537.502	480.893	329.948	115.360	0.806
97	336.354	479.124	521.547	465.645	317.039	107.618	0.904
98	323.208	463.975	505.749	450.987	304.738	100.741	1.022
99	310.653	449.081	490.678	436.427	292.379	94.453	1.159
100	298.234	434.462	475.548	422.181	280.000	88.598	1.277
101	286.052	420.000	461.086	408.486	267.680	83.155	1.415
102	273.889	406.265	446.683	394.967	256.971	78.459	1.552
103	261.726	392.825	432.772	381.861	246.636	74.018	1.729
104	251.076	379.562	418.742	368.991	236.458	69.794	1.926
105	240.977	366.731	405.656	356.435	227.105	66.218	2.142
106	231.231	354.097	392.354	344.331	217.987	62.818	2.358
107	221.505	341.895	379.405	332.483	208.949	59.576	2.613
108	212.564	330.046	366.770	321.106	200.480	56.766	2.849
109	203.958	318.552	354.568	309.827	192.443	54.153	3.085
110	195.391	307.096	342.641	299.060	184.466	51.618	3.321
111	187.295	296.348	331.088	288.036	176.980	49.319	3.556
112	179.829	285.286	319.888	277.013	169.867	47.295	3.792
113	172.421	274.243	308.629	266.029	162.872	45.311	4.048
114	165.151	263.220	297.959	256.283	156.112	43.464	4.284
115	158.509	253.552	287.093	246.813	149.864	41.833	4.539
116	151.907	244.022	276.208	237.735	143.674	40.241	4.775
117	145.561	234.768	265.361	228.735	137.780	38.728	5.030
118	139.627	226.004	255.537	220.286	132.199	37.392	5.266
119	133.889	217.300	246.164	211.818	126.756	36.095	5.502
120	128.309	208.851	236.850	203.722	121.569	34.838	5.738
121	122.964	200.618	227.949	195.764	116.578	33.718	5.993
122	117.993	192.817	219.323	188.101	111.862	32.657	6.248
123	113.022	184.977	210.717	180.516	107.225	31.615	6.465
124	108.267	177.589	202.523	173.403	102.785	30.633	6.700
125	103.747	170.515	194.389	166.291	98.560	29.768	6.956
126	99.444	163.520	186.745	159.610	94.473	28.865	7.211
127	95.141	156.780	179.102	153.067	90.563	28.020	7.467
128	91.054	150.178	171.891	146.799	86.829	27.332	7.722
129	87.222	143.930	164.719	140.648	83.273	26.585	7.978
130	83.430	137.662	157.841	134.773	79.893	25.917	8.233
131	79.815	131.806	151.121	129.075	76.533	25.229	8.488
132	76.396	125.990	144.578	123.455	73.389	24.542	8.744
133	73.016	120.272	138.291	118.091	70.305	23.854	8.999
134	69.794	114.928	132.258	112.943	67.475	23.304	9.255
135	66.611	109.563	126.206	107.972	64.783	22.793	9.510
136	63.545	104.455	120.528	103.236	62.170	22.282	9.766
137	60.519	99.523	114.810	98.658	59.714	21.850	10.041
138	57.709	94.768	109.524	94.159	57.297	21.437	10.316
139	54.939	90.072	104.337	89.973	54.998	21.025	10.591
140	52.168	85.493	99.287	85.847	52.915	20.749	10.886
141	49.594	81.190	94.453	81.976	50.950	20.474	11.180
142	47.001	76.926	89.738	78.164	49.084	20.239	11.455
143	44.427	72.741	85.218	74.706	47.335	20.081	11.731
144	42.029	68.792	80.836	71.208	45.704	19.964	12.006
145	39.672	64.881	76.553	67.947	44.132	19.806	12.241
146	37.235	61.148	72.525	64.822	42.658	19.708	12.458
147	34.936	57.611	68.516	61.718	41.244	19.610	12.615
148	32.775	54.094	64.764	58.829	39.829	19.512	12.752

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CANDELA TABULATION - (Cont.)

149	30.751	50.754	61.128	56.020	38.552	19.453	12.811
150	28.904	47.629	57.651	53.328	37.294	19.374	12.890
151	27.194	44.623	54.310	50.695	35.997	19.295	13.008
152	25.603	41.695	51.068	48.160	34.838	19.276	13.086
153	24.011	38.886	48.022	45.763	33.679	19.217	13.126
154	22.400	36.174	45.055	43.444	32.480	19.138	13.165
155	19.669	33.679	42.246	41.145	31.281	19.079	13.244
156	17.743	31.478	39.514	38.945	30.083	18.981	13.263
157	16.702	29.395	36.842	36.744	29.002	18.883	13.244
158	15.759	27.489	34.307	34.582	27.941	18.765	13.204
159	15.091	25.642	32.048	32.500	26.880	18.588	13.145
160	14.226	23.795	29.985	30.633	25.740	18.352	13.067
161	13.067	21.948	28.059	28.825	24.601	17.999	12.968
162	12.536	20.258	26.330	27.175	23.461	17.507	12.831
163	11.495	18.745	24.601	25.603	22.400	16.898	12.713
164	10.728	16.466	22.872	24.031	21.378	16.171	12.556
165	10.316	14.403	21.359	22.459	20.376	15.484	12.399
166	10.394	13.813	20.121	21.084	19.492	14.855	12.222
167	10.846	12.890	19.138	19.885	18.627	14.285	12.300
168	11.239	11.731	17.920	18.883	17.448	13.735	12.300
169	11.279	11.121	16.211	17.625	16.132	13.440	12.497
170	11.259	10.768	14.501	16.132	15.012	13.558	12.654
171	11.475	10.630	12.909	14.855	14.088	13.912	12.713
172	11.534	11.298	10.945	13.794	13.597	14.128	12.811
173	11.711	11.711	9.766	13.519	13.971	14.147	12.870
174	11.947	11.966	10.611	13.695	14.403	13.813	12.968
175	12.104	12.124	10.434	13.617	14.206	13.224	13.106
176	12.300	12.182	10.571	12.241	13.735	12.909	13.224
177	12.477	12.104	10.846	11.829	13.067	12.811	13.322
178	12.674	12.124	11.023	10.886	12.516	12.674	13.420
179	13.047	12.477	11.455	9.432	11.907	12.713	13.460
180	13.401	13.401	13.401	13.401	13.401	13.401	13.401

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	825.25	N.A.	9.60
0-30	1760.23	N.A.	20.40
0-40	2903.56	N.A.	33.70
0-60	5285.45	N.A.	61.30
0-80	7069.09	N.A.	82.00
0-90	7621.5	N.A.	88.40
10-90	7408.49	N.A.	85.90
20-40	2078.31	N.A.	24.10
20-50	3296.73	N.A.	38.20
40-70	3385.18	N.A.	39.30
60-80	1783.64	N.A.	20.70
70-80	780.35	N.A.	9.00
80-90	552.41	N.A.	6.40
90-110	631.43	N.A.	7.30
90-120	793.84	N.A.	9.20
90-130	893.05	N.A.	10.40
90-150	980.23	N.A.	11.40
90-180	1001.55	N.A.	11.60
110-180	370.13	N.A.	4.30
0-180	8623.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	213.01
10-20	612.24
20-30	934.97
30-40	1143.33
40-50	1218.43
50-60	1163.47
60-70	1003.29
70-80	780.35
80-90	552.41
90-100	378.40
100-110	253.03
110-120	162.41
120-130	99.21
130-140	56.95
140-150	30.24
150-160	14.39
160-170	5.59
170-180	1.33

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT60WWT50120-277V_P.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	91	91	91	88
1	104	98	93	88	100	95	90	86	88	84	81	82	79	76	77	74	72	69
2	93	84	77	70	90	81	74	68	76	70	65	71	66	62	66	62	59	56
3	85	73	64	57	81	71	63	56	66	59	54	62	56	51	58	53	49	46
4	77	65	55	48	74	62	54	47	58	51	45	55	48	43	51	46	41	39
5	71	57	48	41	68	56	47	40	52	45	39	49	42	37	46	40	36	33
6	65	51	42	36	63	50	41	35	47	39	34	44	37	32	41	36	31	29
7	60	47	37	31	58	45	37	31	43	35	30	40	34	29	38	32	28	25
8	56	42	34	28	54	41	33	27	39	32	26	37	30	25	35	29	25	23
9	52	39	30	25	50	38	30	24	36	29	24	34	27	23	32	26	22	20
10	49	36	28	22	47	35	27	22	33	26	21	31	25	21	30	24	20	18

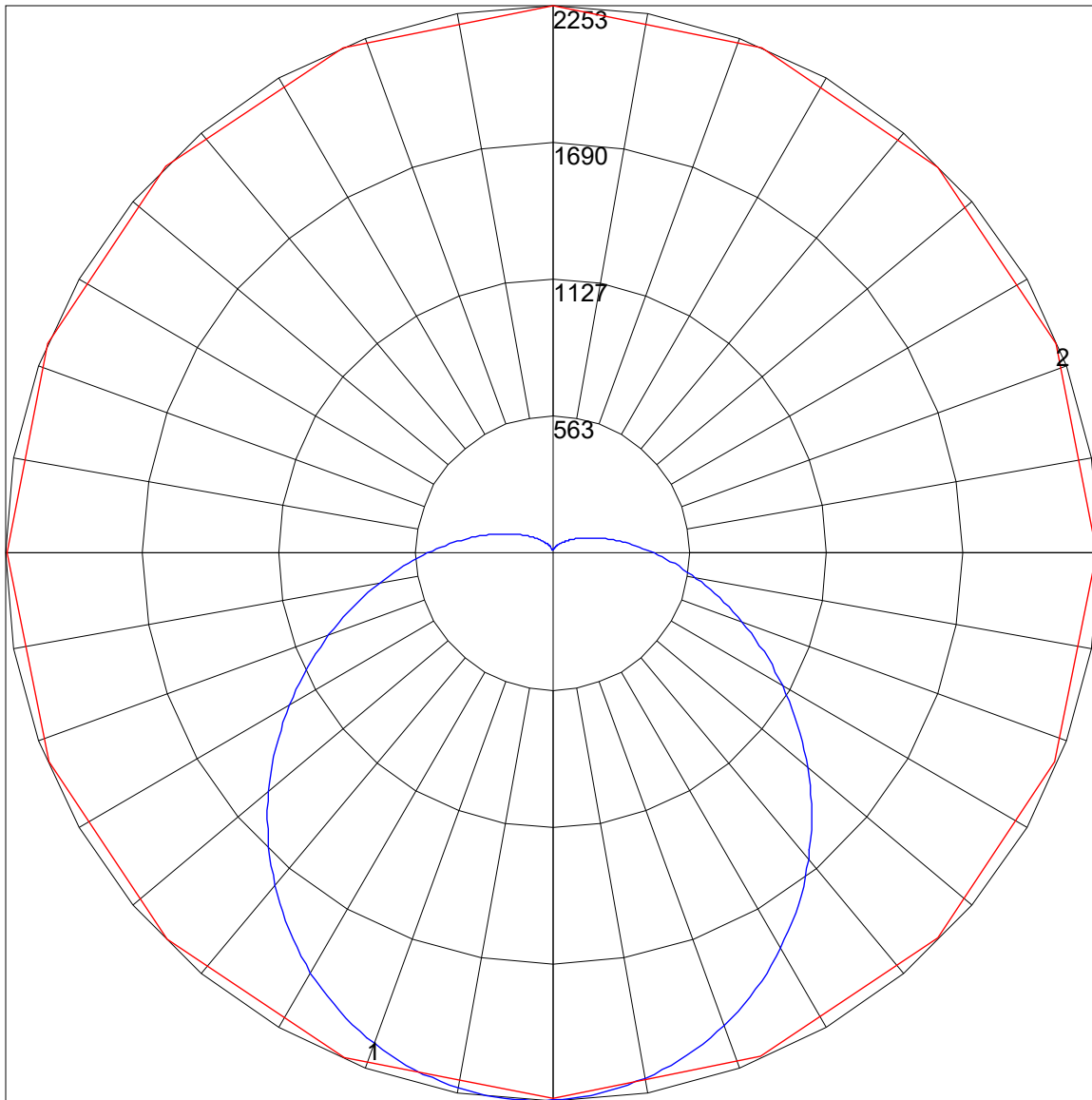
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT60WWT50120-277V_P.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	16.1	17.5	16.6	18.1	18.7	19.6	21.0	20.1	21.6	22.2
	3H	17.5	18.8	18.0	19.4	20.0	22.3	23.6	22.8	24.2	24.8
	4H	17.9	19.2	18.5	19.8	20.4	23.7	24.9	24.2	25.5	26.1
	6H	18.2	19.3	18.8	19.9	20.6	25.1	26.3	25.7	26.9	27.6
	8H	18.2	19.3	18.8	19.9	20.6	25.9	27.0	26.5	27.6	28.3
	12H	18.2	19.3	18.8	19.9	20.6	26.8	27.9	27.4	28.5	29.2
4H	2H	17.2	18.4	17.7	19.0	19.6	20.0	21.2	20.5	21.8	22.4
	3H	18.8	19.9	19.4	20.5	21.2	22.9	24.0	23.5	24.6	25.2
	4H	19.4	20.4	20.0	21.0	21.7	24.4	25.4	25.0	26.0	26.7
	6H	19.8	20.6	20.4	21.3	22.0	26.1	27.0	26.7	27.6	28.3
	8H	19.8	20.7	20.5	21.3	22.0	26.9	27.8	27.6	28.4	29.1
	12H	19.9	20.6	20.5	21.3	22.0	27.9	28.7	28.6	29.4	30.1
8H	4H	20.3	21.1	20.9	21.7	22.5	24.6	25.4	25.2	26.1	26.8
	6H	20.9	21.6	21.5	22.3	23.0	26.4	27.1	27.1	27.8	28.5
	8H	21.1	21.7	21.7	22.4	23.1	27.4	28.1	28.1	28.8	29.5
	12H	21.2	21.8	21.8	22.4	23.2	28.6	29.2	29.3	29.8	30.6
12H	4H	20.6	21.3	21.2	22.0	22.7	24.6	25.4	25.3	26.0	26.8
	6H	21.3	21.9	22.0	22.6	23.4	26.5	27.1	27.2	27.8	28.6
	8H	21.6	22.1	22.2	22.8	23.6	27.5	28.1	28.2	28.8	29.6

Maximum UGR = 30.6

POLAR GRAPH



Maximum Candela = 2253.459 Located At Horizontal Angle = 135, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)