

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_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 15:49:55  
[LAMPPOSITION] 0,0  
[OTHER]  
[MANUFAC] BEGHELLI  
[LUMCAT] SLSEL8HT55WWT50120-277V\_P  
[LAMP] LED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7313
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	55
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.38
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	8052	6465	6350
55	7490	5898	5878
65	6671	5369	5466
75	5267	4917	5136
85	2437	4641	4938

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	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826
1	1904.785	1905.787	1905.335	1907.103	1908.007	1907.378	1907.968	1906.475	1906.710	1905.728
2	1902.977	1903.841	1905.040	1907.241	1909.147	1909.324	1909.481	1907.693	1906.494	1905.217
3	1899.695	1901.916	1904.313	1907.457	1910.071	1910.247	1910.326	1908.440	1905.767	1903.409
4	1895.942	1900.442	1903.016	1907.378	1910.365	1910.719	1909.992	1907.516	1904.333	1900.992
5	1891.913	1897.396	1901.562	1906.140	1910.306	1910.306	1909.422	1907.143	1901.994	1898.300
6	1887.571	1892.935	1898.968	1905.119	1909.658	1910.169	1908.518	1905.649	1898.712	1893.800
7	1881.400	1889.025	1895.549	1902.937	1908.892	1909.186	1906.632	1902.407	1894.881	1888.907
8	1874.915	1883.129	1891.501	1900.795	1906.926	1907.064	1905.237	1898.418	1889.575	1884.918
9	1867.841	1877.156	1887.177	1897.160	1904.588	1904.961	1901.444	1895.450	1885.409	1879.317
10	1860.335	1869.983	1882.599	1893.505	1901.817	1902.643	1897.750	1891.127	1879.101	1872.380
11	1851.983	1863.872	1877.097	1890.105	1898.948	1899.852	1893.918	1884.584	1872.322	1865.444
12	1842.786	1856.011	1870.867	1885.389	1894.586	1895.667	1888.769	1878.905	1865.365	1857.682
13	1832.607	1846.009	1864.127	1880.260	1891.108	1891.461	1883.031	1873.363	1857.387	1849.193
14	1821.839	1838.188	1857.289	1875.014	1886.549	1887.001	1878.177	1865.404	1847.542	1839.937
15	1811.051	1826.771	1848.800	1868.372	1881.066	1881.518	1872.046	1857.171	1838.797	1829.856
16	1799.142	1816.690	1840.546	1862.516	1874.837	1875.643	1864.108	1848.642	1827.891	1818.989
17	1785.701	1806.452	1830.524	1854.852	1869.040	1868.784	1857.151	1838.955	1817.162	1807.965
18	1773.125	1794.092	1821.485	1847.542	1862.457	1861.966	1848.682	1828.520	1805.548	1796.214
19	1759.114	1781.830	1811.404	1839.721	1855.166	1854.223	1839.917	1818.361	1792.343	1783.382
20	1745.063	1768.644	1801.206	1831.232	1847.129	1845.420	1829.935	1806.904	1780.042	1770.668
21	1729.638	1755.223	1790.692	1821.407	1839.505	1837.166	1819.717	1794.288	1765.107	1755.596
22	1714.526	1741.271	1777.762	1812.524	1830.760	1828.481	1809.066	1781.889	1751.529	1741.625
23	1697.528	1726.159	1765.756	1802.129	1822.094	1818.616	1798.219	1769.588	1736.397	1725.786
24	1680.216	1710.498	1752.924	1791.262	1812.426	1809.302	1786.487	1755.066	1720.068	1710.007
25	1662.904	1694.758	1739.718	1779.570	1802.306	1798.671	1774.284	1740.033	1703.679	1693.284
26	1644.707	1678.408	1726.100	1768.919	1792.029	1787.096	1760.686	1725.354	1686.583	1676.699
27	1626.275	1661.626	1711.559	1756.716	1780.867	1775.286	1747.461	1709.240	1668.426	1658.993
28	1606.506	1644.118	1696.742	1744.179	1770.452	1764.007	1733.076	1692.419	1650.150	1640.502
29	1586.521	1625.783	1681.238	1731.367	1758.072	1751.037	1719.734	1675.696	1630.794	1620.910
30	1566.340	1606.624	1665.360	1718.083	1746.341	1738.795	1704.426	1657.362	1610.731	1601.279
31	1544.921	1588.467	1649.895	1704.681	1733.332	1725.786	1688.725	1639.598	1590.510	1581.609
32	1524.563	1569.111	1634.096	1690.218	1720.559	1712.168	1673.142	1620.930	1570.565	1561.919
33	1501.827	1548.792	1615.487	1675.775	1706.784	1697.803	1656.714	1602.085	1548.026	1540.480
34	1478.717	1527.884	1598.233	1660.703	1692.439	1684.225	1639.480	1581.039	1525.722	1518.785
35	1456.237	1506.700	1580.882	1645.886	1678.271	1668.033	1622.679	1560.857	1502.750	1497.150
36	1432.833	1485.713	1562.980	1630.441	1663.395	1652.803	1605.406	1540.342	1479.386	1474.453
37	1408.682	1464.117	1543.958	1613.620	1647.989	1637.220	1586.227	1519.021	1455.687	1451.482
38	1384.355	1441.656	1525.093	1597.860	1632.759	1621.205	1567.735	1496.737	1431.143	1427.645
39	1359.713	1418.901	1505.875	1580.980	1617.471	1604.345	1548.438	1473.942	1406.717	1403.553
40	1334.245	1396.224	1486.322	1564.395	1601.358	1587.700	1528.964	1450.558	1381.545	1379.304
41	1308.601	1372.466	1465.984	1546.709	1585.342	1570.545	1509.274	1428.195	1355.900	1354.407
42	1282.721	1348.747	1446.687	1529.338	1568.855	1552.742	1489.643	1403.868	1329.686	1329.038
43	1256.468	1325.127	1426.073	1511.829	1552.467	1535.547	1468.951	1379.285	1302.549	1302.902
44	1230.175	1300.701	1405.008	1493.947	1535.390	1517.311	1447.748	1355.429	1275.686	1277.592
45	1202.664	1276.040	1383.903	1475.672	1517.292	1498.859	1427.213	1330.315	1247.546	1250.789
46	1176.096	1251.594	1363.073	1456.414	1499.508	1480.545	1405.931	1304.710	1218.915	1224.162
47	1147.740	1226.166	1342.223	1437.962	1481.645	1461.425	1384.571	1279.066	1190.618	1197.083
48	1119.443	1200.601	1319.664	1418.625	1462.918	1442.128	1361.913	1252.832	1162.007	1170.614
49	1091.067	1174.642	1297.695	1398.660	1443.936	1422.890	1339.787	1226.441	1132.609	1143.063
50	1062.653	1148.978	1275.981	1379.796	1425.818	1402.944	1317.169	1200.699	1102.976	1114.923
51	1033.923	1122.961	1253.599	1359.850	1405.656	1382.920	1294.060	1173.718	1073.991	1087.078
52	1004.467	1096.609	1231.551	1339.708	1386.988	1363.132	1271.677	1146.325	1043.395	1058.762
53	975.855	1070.375	1209.070	1319.625	1367.593	1342.911	1248.647	1119.109	1012.818	1030.602

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**CANDELA TABULATION - (Cont.)**

54	945.554	1043.257	1186.118	1299.660	1348.453	1322.474	1225.911	1091.421	982.202	1002.128
55	915.881	1016.336	1163.245	1279.734	1328.861	1301.782	1202.821	1064.441	950.722	973.792
56	886.150	989.748	1141.039	1258.983	1309.525	1281.051	1179.437	1035.967	919.261	944.768
57	856.025	963.200	1118.362	1239.116	1289.835	1260.319	1155.993	1008.161	887.840	916.038
58	825.763	935.984	1095.685	1218.227	1270.302	1240.059	1132.668	980.139	856.831	888.213
59	795.265	909.043	1073.185	1198.066	1250.179	1219.288	1109.087	951.685	824.957	859.385
60	764.944	882.475	1049.978	1177.747	1229.998	1198.321	1085.428	923.447	792.534	830.558
61	733.680	854.964	1026.869	1156.858	1209.247	1176.823	1062.063	895.071	760.523	802.123
62	703.182	828.042	1004.526	1136.421	1189.419	1155.817	1038.325	867.324	727.981	773.551
63	672.035	800.807	981.829	1115.474	1168.609	1134.869	1015.196	838.831	695.086	744.861
64	641.400	774.514	959.368	1094.762	1148.467	1113.312	990.908	810.612	662.524	716.642
65	610.293	747.769	936.397	1073.421	1127.579	1092.148	967.739	782.335	630.258	689.072
66	579.284	720.946	914.309	1052.670	1106.945	1071.260	945.180	754.627	597.304	661.168
67	547.921	694.142	891.809	1031.840	1085.919	1049.860	921.600	726.134	564.212	633.382
68	517.384	668.282	869.407	1010.775	1065.993	1028.676	898.372	698.800	532.122	606.559
69	486.139	642.363	847.359	990.849	1045.812	1007.552	875.637	671.485	499.522	579.500
70	455.386	616.306	825.311	969.901	1025.493	986.604	852.861	643.778	466.823	552.932
71	425.026	590.662	803.852	949.897	1004.958	965.932	830.027	616.758	434.674	526.797
72	394.331	565.450	782.256	929.578	984.914	944.846	807.724	590.111	402.604	501.683
73	364.049	540.611	761.033	909.514	965.264	925.176	785.990	564.251	370.652	476.412
74	334.102	516.185	739.968	889.765	945.593	904.602	763.902	537.998	339.073	451.986
75	305.038	491.779	719.295	869.879	925.962	884.381	741.854	511.882	307.966	428.111
76	275.798	468.709	698.682	850.051	906.076	864.455	720.691	487.358	276.859	404.785
77	247.383	445.266	678.441	830.361	886.798	844.294	699.468	462.873	245.772	382.030
78	219.617	423.041	658.594	811.064	867.108	824.505	678.677	439.017	216.748	360.375
79	192.813	401.052	639.140	791.983	847.477	805.031	657.867	415.652	188.686	339.172
80	166.540	379.475	619.253	772.726	828.121	785.224	637.784	392.838	161.784	318.951
81	141.584	358.842	600.585	753.979	808.863	766.044	618.369	371.084	135.826	299.516
82	118.985	338.877	581.426	734.839	789.724	746.669	597.913	349.685	111.223	280.102
83	96.426	319.442	563.288	716.623	771.095	727.549	579.304	329.051	88.900	260.726
84	73.867	300.931	545.347	698.230	752.937	709.116	560.321	309.872	67.972	243.748
85	55.042	283.108	527.779	680.564	734.662	690.684	541.790	290.831	48.930	227.673
86	38.044	266.032	510.054	662.682	716.348	672.330	523.869	272.791	35.037	212.169
87	23.227	249.584	493.096	645.251	698.210	654.212	506.065	255.440	21.144	197.804
88	11.044	234.355	476.471	627.762	681.055	636.566	488.910	239.483	7.369	184.402
89	5.817	219.676	460.318	610.725	663.585	619.312	471.932	223.959	1.199	171.512
90	0.629	205.802	444.185	593.825	646.352	602.039	455.307	209.202	0.275	159.584
91	0.491	192.911	429.133	577.594	629.649	585.493	439.096	195.682	0.275	148.520
92	0.511	180.413	413.844	561.009	612.828	568.928	423.375	182.870	0.314	138.341
93	0.550	168.800	399.185	545.111	596.066	552.186	408.008	170.981	0.334	128.752
94	0.590	158.247	384.801	529.528	580.070	536.406	392.897	159.525	0.373	119.869
95	0.629	148.049	371.025	513.984	564.055	520.567	378.689	149.267	0.413	111.714
96	0.707	138.557	356.995	499.187	548.098	505.220	364.718	139.520	0.432	104.149
97	0.806	129.891	343.809	483.997	532.613	489.991	350.923	130.461	0.491	97.212
98	0.924	122.051	331.017	469.574	517.482	475.076	337.580	122.503	0.531	90.904
99	1.041	114.249	318.499	455.229	502.587	460.141	324.669	114.564	0.648	85.186
100	1.159	106.448	306.276	441.002	487.574	446.111	312.211	106.625	0.806	79.782
101	1.277	100.101	294.564	427.502	473.465	431.903	300.008	100.022	0.983	74.869
102	1.395	94.107	283.265	413.903	459.238	417.892	288.119	93.989	1.140	70.487
103	1.533	88.723	272.222	400.619	445.246	404.805	276.800	88.625	1.317	66.321
104	1.670	83.810	261.708	387.807	431.844	391.718	265.953	83.555	1.513	62.529
105	1.808	79.192	251.372	375.211	418.266	378.729	255.224	78.858	1.710	59.149
106	1.965	74.869	241.213	362.595	405.237	366.014	244.868	74.614	1.886	55.985
107	2.142	71.037	231.741	350.628	392.386	353.831	235.160	70.802	2.083	53.018
108	2.319	67.382	222.368	338.779	379.849	341.942	225.590	67.186	2.299	50.365
109	2.515	64.160	213.368	326.968	367.567	330.073	216.296	63.845	2.496	47.928

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**CANDELA TABULATION - (Cont.)**

110	2.712	61.114	204.859	315.748	355.010	318.872	207.610	60.780	2.712	45.609
111	2.928	58.264	196.468	304.783	343.416	307.377	199.062	58.048	2.908	43.467
112	3.124	55.690	188.509	294.034	331.901	296.549	190.946	55.435	3.124	41.542
113	3.360	53.253	180.747	283.698	320.700	285.800	182.988	53.057	3.341	39.694
114	3.576	51.013	173.339	273.263	309.617	275.562	175.501	50.836	3.537	37.985
115	3.812	48.970	166.147	263.359	298.927	265.501	168.328	48.812	3.753	36.452
116	4.028	47.044	159.348	253.789	288.414	255.911	161.372	46.946	3.950	34.978
117	4.245	45.295	152.922	244.435	278.313	246.302	154.710	45.138	4.166	33.544
118	4.461	43.625	146.614	235.475	268.370	237.184	148.304	43.546	4.382	32.286
119	4.677	42.092	140.542	226.534	258.643	228.302	142.035	42.072	4.598	31.127
120	4.893	40.657	134.725	217.927	249.112	219.538	136.219	40.598	4.814	29.967
121	5.129	39.321	129.223	209.575	240.053	211.108	130.599	39.282	5.031	28.867
122	5.345	38.044	123.859	201.538	230.994	202.933	125.175	38.083	5.247	27.904
123	5.561	36.904	118.514	193.756	222.289	195.033	119.771	36.943	5.463	26.961
124	5.777	35.764	113.149	185.994	213.603	187.330	114.348	35.784	5.679	26.057
125	6.013	34.742	108.452	178.586	205.252	179.824	109.592	34.801	5.876	25.173
126	6.229	33.740	103.972	171.453	197.116	172.651	105.112	33.839	6.092	24.308
127	6.465	32.797	99.708	164.477	189.433	165.498	100.808	32.935	6.288	23.424
128	6.681	31.932	95.542	157.717	181.769	158.719	96.465	32.050	6.485	22.638
129	6.917	31.087	91.631	151.232	174.400	152.352	92.594	31.264	6.681	21.871
130	7.153	30.341	87.858	145.003	167.464	145.985	88.861	30.518	6.878	21.085
131	7.369	29.574	84.302	138.872	160.429	139.835	85.206	29.751	7.074	20.378
132	7.605	28.867	80.804	132.996	153.649	133.880	81.609	29.083	7.271	19.729
133	7.841	28.199	77.522	127.435	147.302	128.201	78.347	28.435	7.448	19.120
134	8.057	27.570	74.339	121.913	140.915	122.660	75.144	27.806	7.644	18.531
135	8.293	26.961	71.391	116.372	134.922	117.118	72.157	27.197	7.801	17.961
136	8.528	26.371	68.483	110.850	128.948	111.577	69.210	26.627	7.998	17.371
137	8.764	25.821	65.732	105.937	123.230	106.586	66.478	26.096	8.175	16.821
138	9.000	25.330	63.138	101.280	117.511	101.889	63.806	25.605	8.332	16.271
139	9.236	24.839	60.623	96.741	111.793	97.369	61.310	25.133	8.489	15.544
140	9.491	24.387	58.205	92.496	106.743	93.086	58.893	24.681	8.646	14.168
141	9.747	23.954	55.926	88.350	101.810	88.920	56.594	24.269	8.784	13.638
142	9.983	23.542	53.764	84.361	97.134	84.891	54.374	23.856	8.961	13.579
143	10.238	23.129	51.642	80.548	92.575	80.941	52.232	23.463	9.138	13.166
144	10.474	22.756	49.638	76.854	88.212	77.267	50.188	23.090	9.295	12.793
145	10.690	22.402	47.712	73.337	83.968	73.710	48.223	22.716	9.432	12.498
146	10.906	22.028	45.845	69.917	79.998	70.251	46.376	22.284	9.531	12.242
147	11.024	21.675	44.057	66.636	76.048	66.970	44.548	21.714	9.590	11.771
148	11.142	21.341	42.347	63.492	72.315	63.806	42.819	21.125	9.609	11.063
149	11.201	21.026	40.697	60.485	68.738	60.799	41.168	20.535	9.629	10.474
150	11.260	20.712	39.105	57.557	65.378	57.871	39.557	20.181	9.668	9.963
151	11.358	20.417	37.631	54.806	62.018	55.101	38.024	19.729	9.688	9.472
152	11.437	20.122	36.157	52.173	58.893	52.467	36.531	19.218	9.707	8.980
153	11.476	19.828	34.782	49.638	55.906	49.913	35.155	18.943	9.727	8.941
154	11.496	19.572	33.446	47.201	52.998	47.437	33.780	18.806	9.747	9.216
155	11.594	19.317	32.168	44.863	50.267	45.138	32.483	18.295	9.766	9.334
156	11.614	19.081	30.930	42.662	47.614	42.917	31.245	18.020	9.766	9.275
157	11.594	18.845	29.771	40.500	45.059	40.716	30.046	17.823	9.766	9.236
158	11.555	18.590	28.631	38.456	42.642	38.692	28.769	17.135	9.747	8.941
159	11.496	18.373	27.511	36.511	40.304	36.727	27.216	16.546	9.727	8.804
160	11.417	18.118	26.450	34.625	38.063	34.841	25.566	16.114	9.688	8.823
161	11.319	17.843	25.467	32.856	35.941	33.033	24.151	15.603	9.629	8.843
162	11.221	17.469	24.465	31.146	33.937	31.304	22.775	14.994	9.570	8.823
163	11.103	17.037	23.522	29.515	32.031	29.673	21.439	14.443	9.511	8.902
164	10.965	16.546	22.638	27.963	30.184	28.081	19.710	13.972	9.432	8.902
165	10.828	16.035	21.773	26.509	28.474	26.587	18.550	13.480	9.354	8.921

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

166	10.670	15.544	20.967	25.114	26.843	24.976	17.528	12.969	9.295	8.882
167	10.729	15.052	20.221	23.797	25.330	23.208	16.939	12.380	9.314	8.882
168	10.729	14.483	19.533	22.598	23.915	21.596	16.153	11.889	9.472	9.157
169	10.887	13.638	18.865	21.459	22.579	20.083	15.878	11.673	9.629	9.413
170	11.024	12.852	18.059	20.417	21.321	18.373	14.994	11.614	9.766	9.629
171	11.044	12.066	17.116	19.474	20.201	17.135	14.207	11.731	9.943	9.845
172	11.162	11.771	16.074	18.531	19.159	15.838	13.441	11.849	10.120	10.042
173	11.181	11.673	15.072	17.312	18.039	14.050	12.675	11.928	10.317	10.258
174	11.280	11.692	13.932	15.956	16.585	12.812	11.908	11.948	10.513	10.493
175	11.397	11.673	13.127	14.738	15.170	11.574	11.771	12.026	10.729	10.710
176	11.515	11.692	12.341	13.834	14.011	10.336	11.712	12.026	10.945	10.926
177	11.614	11.712	12.144	12.950	12.459	10.336	11.496	11.869	11.181	11.162
178	11.712	11.731	11.987	12.046	10.887	10.376	11.456	11.869	11.437	11.417
179	11.731	11.712	11.614	11.338	9.334	10.356	11.358	11.830	11.653	11.633
180	11.771	11.771	11.771	11.771	11.771	11.771	11.771	11.771	11.771	11.771

**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	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826	1905.826
1	1904.588	1903.920	1904.195	1903.566	1903.350	1903.016	1904.785
2	1902.485	1901.346	1900.717	1900.619	1899.931	1900.088	1902.977
3	1899.970	1898.280	1898.280	1896.688	1895.686	1896.119	1899.695
4	1897.298	1895.490	1894.468	1892.169	1892.071	1892.660	1895.942
5	1893.918	1891.461	1889.477	1887.256	1886.608	1887.060	1891.913
6	1889.830	1886.863	1884.898	1882.422	1880.988	1881.125	1887.571
7	1884.977	1881.518	1879.101	1876.743	1874.385	1874.031	1881.400
8	1879.160	1876.114	1874.424	1871.143	1867.448	1867.075	1874.915
9	1873.245	1870.396	1867.959	1863.341	1860.158	1858.920	1867.841
10	1866.937	1863.420	1860.669	1855.658	1851.983	1850.804	1860.335
11	1858.900	1856.385	1852.749	1847.562	1842.865	1841.902	1851.983
12	1851.983	1848.819	1845.852	1839.131	1833.747	1832.097	1842.786
13	1843.573	1840.193	1837.206	1830.898	1823.706	1821.465	1832.607
14	1834.356	1831.821	1827.891	1821.033	1813.527	1810.795	1821.839
15	1824.747	1822.605	1818.636	1811.483	1802.699	1799.064	1811.051
16	1814.686	1812.780	1809.046	1799.673	1790.123	1786.605	1799.142
17	1803.839	1802.247	1799.103	1789.415	1777.978	1773.400	1785.701
18	1792.166	1791.950	1788.747	1778.037	1765.854	1759.408	1773.125
19	1780.219	1780.494	1776.524	1765.559	1752.373	1745.103	1759.114
20	1768.173	1768.467	1765.146	1753.356	1738.618	1730.443	1745.063
21	1754.928	1756.245	1753.336	1739.915	1723.566	1714.821	1729.638
22	1741.271	1743.432	1740.839	1727.221	1708.690	1698.354	1714.526
23	1726.867	1730.915	1727.594	1712.541	1693.932	1681.081	1697.528
24	1712.247	1717.297	1714.428	1698.295	1678.074	1664.790	1680.216
25	1697.351	1703.050	1701.065	1684.421	1661.823	1646.495	1662.904
26	1681.238	1688.882	1686.720	1669.428	1645.965	1628.102	1644.707
27	1664.692	1673.633	1671.923	1654.041	1628.279	1609.277	1626.275
28	1647.851	1658.129	1657.618	1638.694	1610.770	1589.724	1606.506
29	1631.620	1642.546	1642.663	1622.541	1592.751	1570.585	1586.521
30	1613.698	1626.648	1626.864	1606.015	1574.436	1550.305	1566.340
31	1594.971	1610.456	1610.436	1589.037	1554.805	1528.493	1544.921
32	1576.676	1593.576	1594.971	1571.744	1535.705	1507.231	1524.563
33	1557.360	1577.010	1578.189	1554.078	1515.877	1485.379	1501.827
34	1538.613	1559.050	1561.152	1536.294	1495.814	1463.488	1478.717
35	1518.510	1541.777	1543.624	1518.156	1475.455	1440.418	1456.237
36	1497.680	1523.718	1527.137	1500.038	1455.176	1416.641	1432.833

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

37	1477.715	1505.207	1509.549	1481.272	1433.992	1393.276	1408.682
38	1456.944	1486.519	1491.117	1462.309	1412.907	1369.636	1384.355
39	1436.252	1467.536	1473.274	1443.209	1391.213	1344.994	1359.713
40	1414.125	1448.455	1455.176	1423.460	1369.499	1320.450	1334.245
41	1392.176	1429.099	1436.331	1404.732	1347.234	1295.435	1308.601
42	1370.717	1409.213	1417.604	1384.826	1324.007	1270.518	1282.721
43	1348.413	1389.700	1398.444	1364.507	1302.116	1244.834	1256.468
44	1325.854	1370.226	1379.462	1344.739	1279.380	1219.112	1230.175
45	1302.863	1349.435	1359.889	1323.948	1256.153	1192.642	1202.664
46	1279.990	1329.588	1340.730	1303.295	1233.339	1166.664	1176.096
47	1256.055	1309.191	1321.512	1283.232	1209.738	1139.644	1147.740
48	1233.241	1289.225	1301.861	1263.188	1186.825	1113.017	1119.443
49	1209.778	1267.904	1281.562	1242.142	1162.930	1085.388	1091.067
50	1186.157	1247.232	1261.439	1221.470	1139.585	1058.565	1062.653
51	1162.183	1226.068	1241.631	1200.876	1115.926	1031.133	1033.923
52	1138.583	1205.317	1221.195	1179.201	1092.404	1003.740	1004.467
53	1114.609	1184.094	1201.583	1158.705	1068.862	976.504	975.855
54	1090.694	1163.048	1181.264	1137.404	1044.829	948.501	945.554
55	1067.054	1142.690	1160.985	1117.085	1022.192	920.735	915.881
56	1042.884	1121.251	1140.568	1095.587	998.237	892.693	886.150
57	1018.674	1099.576	1120.445	1074.974	974.755	864.848	856.025
58	995.368	1078.884	1100.716	1054.439	951.331	837.239	825.763
59	971.964	1058.231	1079.906	1033.314	928.065	809.355	795.265
60	948.030	1037.224	1060.039	1012.425	905.211	782.119	764.944
61	924.567	1015.825	1040.369	992.008	881.905	754.333	733.680
62	900.947	995.290	1019.834	971.473	858.874	726.409	703.182
63	877.326	974.421	1000.615	950.663	836.492	699.625	672.035
64	854.257	954.141	980.375	930.403	813.599	672.251	641.400
65	831.796	933.292	960.901	910.104	791.846	645.684	610.293
66	808.981	913.110	940.877	889.923	769.837	618.801	579.284
67	786.226	893.008	920.774	869.938	747.946	592.568	547.921
68	764.492	872.748	901.438	850.700	726.507	566.138	517.384
69	741.972	852.606	881.650	830.420	705.166	540.690	486.139
70	720.455	832.739	862.235	811.104	684.396	515.733	455.386
71	698.859	812.911	843.724	791.787	663.900	490.639	425.026
72	677.754	793.732	824.623	772.883	643.306	466.292	394.331
73	656.806	774.592	805.759	753.900	623.066	442.397	364.049
74	636.428	755.688	787.228	735.134	603.690	419.288	334.102
75	616.345	736.470	768.658	716.819	584.393	396.336	305.038
76	596.734	717.586	750.461	698.426	565.234	374.268	275.798
77	576.867	699.428	732.422	680.583	546.821	352.731	247.383
78	558.159	681.173	714.736	662.937	528.526	331.881	219.617
79	539.668	663.487	697.051	645.232	510.506	312.309	192.813
80	521.078	645.291	679.758	628.096	493.056	293.150	166.540
81	503.000	628.096	662.524	611.432	475.646	273.990	141.584
82	485.550	611.000	645.487	594.140	459.041	254.831	118.985
83	468.238	593.570	628.902	578.026	442.554	238.049	96.426
84	451.456	577.496	612.553	561.657	426.755	222.014	73.867
85	435.264	560.891	596.125	545.681	411.250	206.961	55.042
86	419.268	544.915	580.345	529.882	395.923	192.793	38.044
87	403.685	529.037	564.742	514.692	381.381	179.234	23.227
88	388.691	513.709	549.061	499.600	367.017	166.402	11.044
89	374.071	498.559	533.989	484.842	353.104	154.867	5.817
90	359.785	483.703	518.838	470.321	339.702	143.883	0.629
91	346.108	468.749	504.375	455.995	326.556	133.409	0.491
92	332.864	454.698	489.991	442.141	313.920	124.173	0.511

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

93	319.992	440.589	475.823	428.563	301.894	115.546	0.550
94	307.337	426.892	461.989	415.299	289.730	107.273	0.590
95	295.370	413.078	448.213	402.074	277.586	99.885	0.629
96	283.364	400.266	435.008	389.360	265.442	93.203	0.707
97	271.357	387.277	421.921	376.842	254.909	86.797	0.806
98	259.370	374.759	409.187	364.914	244.514	81.138	0.924
99	248.935	362.792	396.434	352.966	234.767	75.970	1.041
100	238.894	350.726	384.467	341.412	225.217	71.175	1.159
101	228.990	339.034	372.146	329.955	215.942	66.773	1.277
102	219.656	327.676	360.394	318.754	207.256	62.863	1.395
103	210.754	316.691	348.918	308.064	198.747	59.208	1.533
104	201.872	305.923	337.501	297.826	190.632	55.808	1.670
105	193.737	295.331	326.968	287.294	182.732	52.841	1.808
106	185.660	284.739	316.278	276.741	175.304	50.109	1.965
107	177.996	274.128	305.942	266.208	167.974	47.476	2.142
108	170.470	263.556	295.802	256.776	161.038	45.098	2.319
109	163.553	254.123	285.368	247.540	154.415	42.996	2.515
110	156.695	245.045	274.953	238.599	148.049	40.913	2.712
111	150.092	236.182	264.518	230.110	141.800	39.105	2.928
112	143.922	227.555	255.283	221.778	135.983	37.415	3.124
113	137.811	219.263	246.224	213.603	130.225	35.823	3.360
114	131.974	210.931	237.538	205.645	124.821	34.310	3.576
115	126.472	203.189	228.970	197.942	119.752	32.994	3.812
116	121.186	195.407	220.638	190.455	114.642	31.736	4.028
117	116.038	187.999	212.601	183.263	109.926	30.498	4.245
118	111.243	180.630	204.761	176.326	105.308	29.378	4.461
119	106.586	173.791	197.136	169.429	101.044	28.376	4.677
120	102.027	166.835	189.571	162.787	96.760	27.354	4.893
121	97.625	160.271	182.221	156.302	92.692	26.450	5.129
122	93.577	153.747	175.245	150.112	88.841	25.566	5.345
123	89.607	147.597	168.348	144.197	85.029	24.681	5.561
124	85.716	141.525	161.706	138.263	81.472	23.817	5.777
125	82.120	135.747	155.162	132.642	78.053	23.109	6.013
126	78.564	130.206	148.913	127.199	74.771	22.421	6.229
127	75.164	124.625	142.763	121.835	71.627	21.753	6.465
128	71.863	119.300	136.769	116.765	68.561	21.183	6.681
129	68.758	114.210	131.051	111.773	65.692	20.594	6.917
130	65.732	109.238	125.549	106.959	62.941	20.063	7.153
131	62.804	104.385	120.105	102.302	60.288	19.552	7.369
132	60.033	99.727	114.780	97.821	57.773	19.061	7.605
133	57.321	95.168	109.631	93.537	55.258	18.550	7.841
134	54.727	90.767	104.679	89.352	52.959	18.118	8.057
135	52.173	86.522	99.924	85.343	50.777	17.686	8.293
136	49.697	82.396	95.267	81.472	48.695	17.312	8.528
137	47.280	78.328	90.826	77.817	46.749	16.978	8.764
138	45.039	74.535	86.463	74.221	44.823	16.664	9.000
139	42.839	70.782	82.258	70.841	43.015	16.349	9.236
140	40.638	67.166	78.210	67.540	41.306	16.133	9.491
141	38.574	63.688	74.358	64.336	39.773	15.917	9.747
142	36.511	60.249	70.546	61.389	38.240	15.740	9.983
143	34.507	56.889	66.891	58.520	36.884	15.622	10.238
144	32.601	53.745	63.393	55.788	35.607	15.524	10.474
145	30.675	50.679	60.053	53.155	34.349	15.426	10.690
146	28.749	47.653	56.732	50.620	33.190	15.347	10.906
147	26.980	44.784	53.607	48.203	32.031	15.269	11.024
148	25.389	42.072	50.620	45.884	30.930	15.190	11.142

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

149	23.817	39.419	47.712	43.664	29.908	15.170	11.201
150	22.225	36.924	44.922	41.502	28.946	15.111	11.260
151	20.908	34.585	42.269	39.439	27.963	15.072	11.358
152	19.611	32.208	39.734	37.435	27.000	15.052	11.437
153	18.413	29.967	37.277	35.509	26.077	15.052	11.476
154	17.175	27.924	34.978	33.701	25.114	15.033	11.496
155	14.817	26.155	32.738	31.913	24.131	15.033	11.594
156	13.913	24.367	30.577	30.164	23.168	14.954	11.614
157	13.048	22.598	28.454	28.395	22.363	14.836	11.594
158	12.478	21.105	26.666	26.745	21.537	14.659	11.555
159	11.535	19.690	24.858	25.232	20.692	14.365	11.496
160	10.651	18.354	23.070	23.738	19.867	13.991	11.417
161	9.865	16.939	21.616	22.225	19.042	13.559	11.319
162	9.452	15.760	20.201	20.908	18.236	13.048	11.221
163	8.725	14.640	18.904	19.670	17.430	12.576	11.103
164	8.666	12.635	17.686	18.531	16.703	12.144	10.965
165	9.059	11.162	16.664	17.411	15.976	11.712	10.828
166	9.334	10.376	15.819	16.467	15.072	11.338	10.670
167	9.413	9.688	14.777	15.563	14.011	11.240	10.729
168	9.609	8.941	13.421	14.365	12.989	11.476	10.729
169	9.570	8.823	12.105	13.127	12.144	11.830	10.887
170	9.511	9.177	10.887	12.125	11.515	11.948	11.024
171	9.550	9.550	9.806	11.397	11.555	11.849	11.044
172	9.590	9.786	8.902	11.594	12.046	11.673	11.162
173	9.766	9.943	8.823	12.105	12.164	11.574	11.181
174	9.983	10.002	9.059	11.496	11.967	11.319	11.280
175	10.159	10.081	8.784	11.103	11.633	10.906	11.397
176	10.415	10.159	8.862	9.806	11.260	10.670	11.515
177	10.670	10.140	9.157	9.472	10.749	10.690	11.614
178	11.004	10.356	9.354	8.509	10.415	10.749	11.712
179	11.378	10.808	9.963	7.900	10.081	10.985	11.731
180	11.771	11.771	11.771	11.771	11.771	11.771	11.771



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	699.11	N.A.	9.60
0-30	1491.1	N.A.	20.40
0-40	2459.61	N.A.	33.60
0-60	4477.83	N.A.	61.20
0-80	5990.61	N.A.	81.90
0-90	6459.86	N.A.	88.30
10-90	6279.41	N.A.	85.90
20-40	1760.5	N.A.	24.10
20-50	2792.78	N.A.	38.20
40-70	2868.84	N.A.	39.20
60-80	1512.78	N.A.	20.70
70-80	662.16	N.A.	9.10
80-90	469.26	N.A.	6.40
90-110	537.49	N.A.	7.30
90-120	675.97	N.A.	9.20
90-130	760.68	N.A.	10.40
90-150	835.19	N.A.	11.40
90-180	853.54	N.A.	11.70
110-180	316.05	N.A.	4.30
0-180	7313.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	180.45
10-20	518.66
20-30	791.98
30-40	968.52
40-50	1032.28
50-60	985.94
60-70	850.62
70-80	662.16
80-90	469.26
90-100	321.96
100-110	215.53
110-120	138.47
120-130	84.71
130-140	48.64
140-150	25.86
150-160	12.36
160-170	4.84
170-180	1.16

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_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	94	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	44	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	33	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

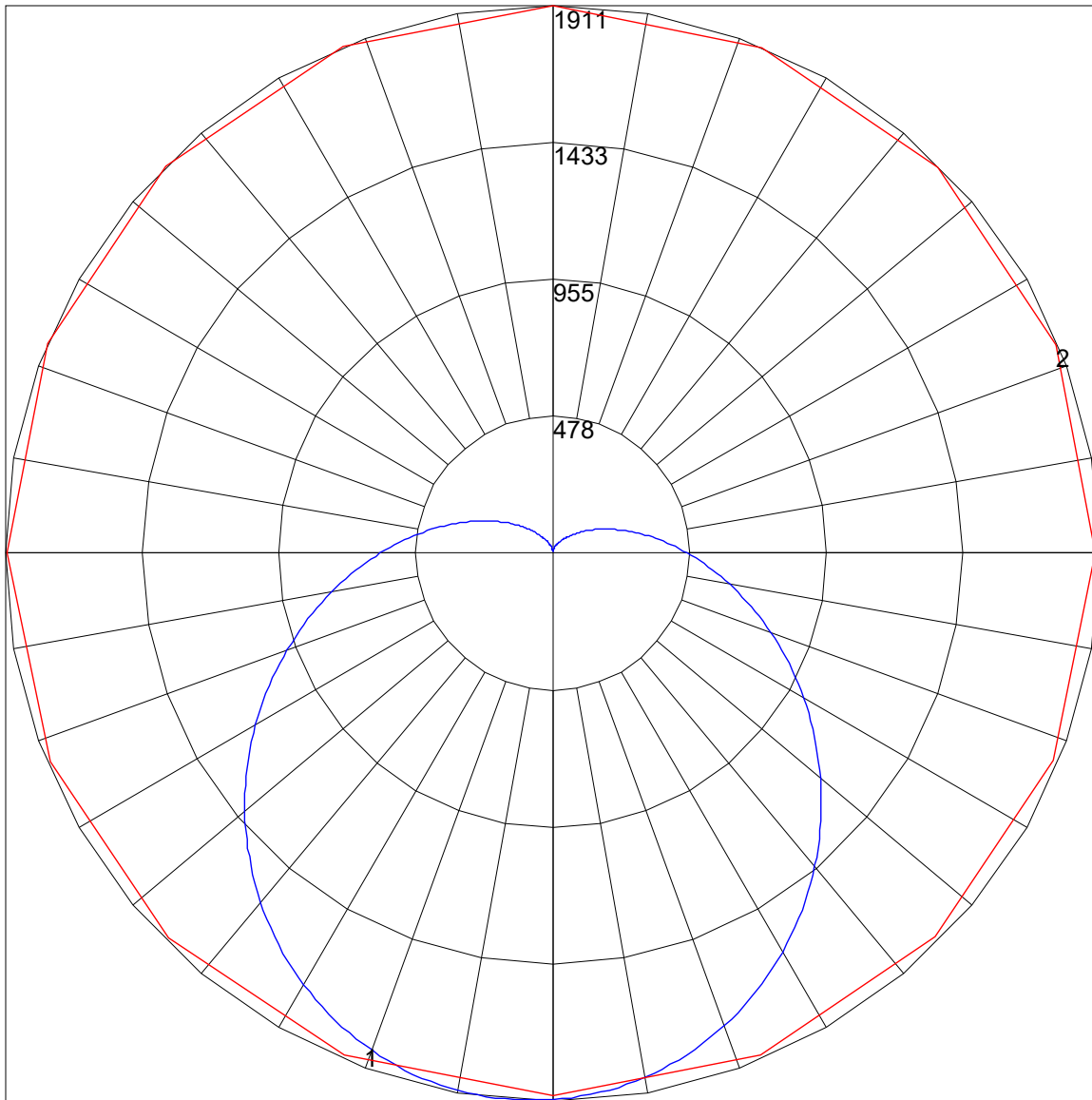
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT55WWT50120-277V\_P.IES**

**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	15.5	16.9	16.0	17.5	18.1	19.1	20.6	19.7	21.1	21.7
	3H	16.9	18.2	17.4	18.8	19.4	21.9	23.2	22.4	23.8	24.4
	4H	17.3	18.6	17.9	19.2	19.8	23.3	24.5	23.9	25.1	25.8
	6H	17.6	18.7	18.2	19.3	20.0	24.8	25.9	25.4	26.5	27.2
	8H	17.6	18.7	18.2	19.3	20.0	25.5	26.7	26.1	27.3	27.9
	12H	17.6	18.7	18.2	19.3	20.0	26.4	27.5	27.0	28.1	28.8
4H	2H	16.6	17.8	17.1	18.4	19.0	19.5	20.8	20.1	21.4	22.0
	3H	18.2	19.3	18.8	19.9	20.6	22.5	23.6	23.1	24.2	24.8
	4H	18.8	19.8	19.4	20.4	21.1	24.0	25.0	24.6	25.6	26.3
	6H	19.2	20.0	19.8	20.7	21.4	25.7	26.6	26.3	27.2	27.9
	8H	19.2	20.1	19.9	20.7	21.4	26.6	27.4	27.2	28.1	28.8
	12H	19.3	20.0	19.9	20.7	21.4	27.6	28.3	28.2	29.0	29.7
8H	4H	19.7	20.5	20.3	21.2	21.9	24.2	25.1	24.8	25.7	26.4
	6H	20.3	21.0	20.9	21.7	22.4	26.1	26.8	26.7	27.4	28.2
	8H	20.5	21.1	21.2	21.8	22.5	27.1	27.7	27.8	28.4	29.1
	12H	20.6	21.2	21.3	21.8	22.6	28.2	28.8	28.9	29.5	30.3
12H	4H	20.0	20.7	20.6	21.4	22.1	24.2	25.0	24.9	25.6	26.4
	6H	20.7	21.3	21.4	22.0	22.8	26.1	26.7	26.8	27.4	28.2
	8H	21.0	21.6	21.7	22.2	23.0	27.2	27.7	27.8	28.4	29.2

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 1910.719 Located At Horizontal Angle = 112.5, Vertical Angle = 4  
# 1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)