

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_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 15:13:03  
[LAMPPOSITION] 0,0  
[OTHER]  
[MANUFAC] BEGHELLI  
[LUMCAT] SLSEL8HT60WWT35120-277V\_P  
[LAMP] LED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8521
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	60
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.32
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	9411	7189	7009
55	8746	6443	6399
65	7779	5744	5869
75	6112	5146	5442
85	2790	4754	5172

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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	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839
1	2229.250	2228.582	2228.582	2229.034	2229.171	2229.034	2229.485	2232.040	2230.350	2230.232
2	2226.911	2226.735	2226.518	2226.558	2228.641	2228.287	2229.977	2230.999	2230.173	2231.942
3	2223.944	2222.313	2223.453	2224.652	2226.008	2227.108	2228.562	2230.193	2230.330	2230.468
4	2218.757	2218.423	2219.523	2221.154	2223.944	2224.770	2227.383	2229.741	2227.776	2227.815
5	2213.569	2213.589	2215.888	2217.892	2221.233	2221.429	2225.045	2227.265	2225.064	2225.084
6	2208.441	2208.185	2210.622	2213.982	2217.539	2217.814	2221.645	2223.276	2220.506	2222.255
7	2201.465	2202.055	2204.629	2209.207	2213.059	2215.279	2217.932	2219.071	2217.224	2217.598
8	2193.389	2194.156	2199.166	2203.705	2209.364	2210.622	2214.454	2214.257	2211.821	2213.471
9	2185.274	2185.942	2191.503	2197.614	2203.666	2205.376	2208.107	2208.146	2204.904	2207.262
10	2176.707	2177.179	2183.840	2190.953	2198.007	2200.286	2202.978	2201.230	2197.496	2200.306
11	2167.433	2168.120	2175.312	2183.761	2191.208	2193.684	2194.411	2193.802	2189.872	2192.839
12	2155.545	2158.276	2166.470	2175.784	2184.429	2186.925	2188.222	2186.650	2181.403	2185.923
13	2144.305	2146.447	2155.584	2167.531	2176.255	2179.556	2178.790	2176.471	2171.657	2176.118
14	2132.535	2134.598	2145.798	2159.121	2169.260	2171.736	2170.537	2167.275	2161.164	2166.902
15	2118.918	2122.455	2135.090	2149.159	2159.691	2162.265	2160.968	2155.800	2150.003	2156.036
16	2104.947	2108.288	2123.320	2138.076	2151.025	2152.754	2149.984	2144.403	2137.723	2144.344
17	2090.132	2094.769	2109.958	2127.859	2141.181	2143.539	2139.216	2133.341	2123.929	2132.850
18	2075.316	2079.934	2097.048	2116.816	2131.160	2131.965	2126.994	2120.313	2110.567	2119.488
19	2058.319	2064.234	2083.294	2104.142	2119.331	2120.667	2115.027	2105.930	2095.928	2105.733
20	2040.654	2047.689	2069.048	2091.782	2108.347	2108.995	2101.862	2091.370	2081.309	2090.819
21	2023.186	2030.279	2054.704	2078.676	2097.205	2096.498	2089.149	2076.475	2064.175	2075.611
22	2005.737	2012.870	2039.181	2065.511	2083.981	2083.746	2074.392	2059.243	2047.512	2060.382
23	1986.029	1994.341	2022.007	2050.754	2070.404	2070.364	2057.769	2042.973	2028.688	2042.167
24	1966.026	1976.125	2005.501	2036.155	2056.393	2056.197	2042.914	2026.094	2011.259	2025.328
25	1945.276	1955.808	1987.326	2021.280	2043.268	2040.340	2026.684	2007.034	1991.609	2007.270
26	1924.290	1936.119	1970.172	2005.069	2028.432	2026.998	2009.038	1988.623	1971.449	1988.957
27	1901.674	1914.426	1951.387	1989.959	2013.027	2010.669	1992.238	1968.502	1950.444	1968.580
28	1879.391	1892.989	1932.602	1973.335	1998.113	1994.871	1973.925	1947.968	1928.338	1948.400
29	1855.773	1869.999	1911.931	1956.103	1982.079	1977.442	1955.081	1926.314	1905.427	1926.707
30	1831.407	1847.029	1892.124	1939.145	1965.475	1961.133	1933.860	1903.108	1882.103	1905.918
31	1806.963	1823.744	1871.708	1920.773	1949.049	1943.645	1914.544	1881.631	1858.740	1883.164
32	1781.517	1800.381	1850.428	1902.047	1931.698	1925.351	1894.246	1858.720	1834.473	1861.058
33	1755.718	1775.406	1829.069	1883.046	1914.131	1906.783	1873.005	1835.003	1808.142	1837.243
34	1729.269	1750.078	1807.455	1864.517	1896.074	1886.897	1851.666	1809.970	1782.578	1813.546
35	1702.546	1724.848	1783.620	1843.944	1876.994	1868.938	1829.678	1785.663	1756.621	1787.471
36	1674.605	1699.068	1761.377	1824.078	1858.189	1848.620	1807.238	1758.940	1728.896	1763.125
37	1646.820	1671.264	1737.227	1804.684	1839.287	1828.578	1783.620	1732.531	1700.267	1736.383
38	1618.054	1644.423	1714.238	1783.011	1819.382	1807.356	1760.158	1705.749	1672.070	1710.347
39	1588.953	1617.287	1689.695	1762.654	1798.691	1787.393	1735.086	1677.768	1642.890	1683.172
40	1559.813	1589.582	1664.957	1741.098	1779.297	1765.326	1711.487	1649.925	1612.532	1655.505
41	1529.985	1560.088	1640.690	1719.681	1758.783	1744.576	1687.338	1621.492	1583.471	1627.957
42	1499.135	1531.478	1615.597	1697.889	1737.994	1721.921	1661.322	1592.706	1552.130	1598.719
43	1468.561	1502.259	1590.525	1675.312	1717.106	1700.424	1637.153	1563.546	1521.221	1570.286
44	1436.571	1471.803	1564.882	1653.580	1695.492	1677.454	1611.314	1533.659	1489.114	1541.480
45	1405.702	1442.702	1538.866	1630.511	1674.664	1655.171	1583.726	1503.026	1456.849	1511.554
46	1373.536	1412.265	1513.106	1607.384	1652.362	1632.339	1558.535	1472.432	1423.504	1480.704
47	1341.488	1381.946	1486.363	1585.082	1630.708	1608.995	1532.323	1441.641	1390.709	1450.778
48	1307.298	1350.978	1460.367	1560.559	1607.836	1584.885	1505.816	1410.496	1357.129	1420.125
49	1274.699	1319.087	1433.309	1537.471	1585.318	1560.363	1478.091	1377.898	1322.840	1388.705
50	1242.002	1289.711	1406.822	1513.774	1562.583	1537.432	1451.092	1346.223	1288.532	1356.991
51	1207.734	1257.545	1379.549	1489.861	1539.515	1513.302	1423.406	1314.096	1254.362	1325.434
52	1173.445	1225.556	1352.393	1465.456	1516.269	1488.701	1395.740	1281.066	1218.934	1293.386
53	1139.236	1194.097	1324.923	1441.444	1493.280	1464.513	1368.054	1248.349	1183.231	1261.377

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54	1104.987	1162.363	1297.650	1417.767	1470.172	1439.656	1340.387	1215.201	1147.528	1228.719
55	1069.500	1130.177	1270.691	1392.792	1446.592	1415.448	1312.603	1181.954	1111.216	1196.396
56	1033.856	1098.168	1243.162	1368.741	1423.052	1390.434	1284.072	1148.962	1074.589	1163.483
57	999.469	1065.983	1215.967	1344.710	1399.964	1366.894	1256.347	1115.715	1038.297	1130.413
58	963.786	1033.974	1189.086	1320.482	1376.660	1341.920	1228.405	1081.427	1001.434	1097.677
59	928.260	1001.552	1161.734	1296.628	1353.199	1318.242	1200.856	1048.043	963.904	1064.470
60	892.478	969.288	1134.874	1272.086	1329.560	1293.504	1172.895	1013.695	926.904	1031.871
61	856.971	937.927	1107.797	1248.094	1306.236	1268.961	1144.816	980.390	889.275	998.605
62	820.718	905.388	1081.034	1223.316	1281.203	1244.400	1117.484	947.025	851.234	965.535
63	784.661	873.988	1054.724	1199.540	1258.036	1219.288	1089.975	913.385	813.527	932.976
64	748.369	842.175	1028.668	1175.469	1234.811	1195.060	1062.564	880.492	775.249	900.004
65	711.664	810.343	1001.808	1151.654	1210.740	1170.478	1035.153	846.950	737.149	867.897
66	675.686	779.553	975.713	1127.682	1187.416	1146.172	1007.919	815.000	699.363	834.866
67	638.568	748.487	949.540	1103.867	1163.876	1121.532	980.979	781.498	661.145	802.994
68	602.590	717.519	923.681	1079.501	1141.024	1097.009	953.666	749.548	622.416	771.359
69	566.808	687.554	898.589	1056.335	1117.425	1073.489	927.768	717.382	585.023	739.055
70	530.398	657.254	873.516	1032.520	1094.337	1049.143	901.595	685.864	547.119	707.832
71	495.205	627.662	848.326	1009.373	1071.504	1026.075	875.481	654.464	509.333	677.100
72	459.424	598.404	823.764	986.383	1048.514	1002.220	850.192	623.850	471.901	647.076
73	424.074	570.286	799.968	964.198	1025.957	978.936	825.061	594.042	434.430	616.501
74	389.000	542.344	776.291	941.071	1003.478	956.182	800.617	564.273	398.039	587.558
75	353.985	514.737	752.711	919.339	981.038	933.388	775.446	534.878	361.884	558.654
76	321.033	488.132	729.898	896.781	959.384	910.182	751.709	506.759	326.318	530.044
77	287.530	461.821	707.243	875.029	937.573	888.234	728.287	479.623	291.775	502.613
78	255.168	436.847	684.842	853.670	915.546	866.030	704.865	452.763	257.231	475.772
79	223.709	412.206	663.051	831.997	894.207	844.258	682.091	426.766	222.727	449.953
80	193.115	388.646	641.535	810.756	872.593	822.546	659.298	401.556	191.071	424.408
81	163.955	365.676	620.294	789.986	851.470	801.678	637.684	377.545	160.713	399.611
82	136.072	343.669	599.348	769.355	830.582	780.201	616.207	354.339	132.162	376.326
83	111.668	322.821	579.561	749.214	810.265	759.451	594.966	332.213	105.576	353.474
84	87.342	302.582	559.832	729.093	789.711	738.701	574.353	311.051	80.759	331.958
85	63.016	283.404	540.596	709.620	769.472	719.111	554.370	291.008	58.654	311.365
86	43.445	265.189	521.732	689.873	749.705	699.403	534.976	271.830	42.128	291.952
87	26.212	247.858	503.301	670.872	730.508	679.616	515.562	253.301	25.623	272.518
88	12.163	231.667	485.361	651.851	711.153	660.261	497.092	236.461	9.196	253.144
89	6.406	216.281	467.893	633.518	692.230	641.594	479.014	220.428	1.572	236.599
90	0.747	201.859	451.033	615.264	673.721	622.986	461.251	205.199	0.314	220.683
91	0.570	188.753	434.430	597.638	655.604	604.771	444.137	191.209	0.334	205.828
92	0.589	175.784	418.494	580.032	637.467	586.988	427.710	178.122	0.373	192.447
93	0.629	164.210	402.480	562.662	619.311	569.755	411.813	166.018	0.413	179.164
94	0.668	153.187	387.389	545.469	601.705	552.307	395.838	154.543	0.452	167.217
95	0.727	143.284	372.652	529.494	584.964	535.624	380.531	144.266	0.472	156.056
96	0.786	133.832	358.740	513.086	567.732	519.197	365.971	134.599	0.531	145.858
97	0.884	127.053	344.750	496.994	551.285	502.849	351.391	126.621	0.589	135.935
98	1.002	118.113	331.368	481.588	534.917	486.756	337.617	118.015	0.688	127.427
99	1.120	109.094	318.380	466.340	519.119	471.508	324.412	109.388	0.786	119.213
100	1.258	102.275	305.844	451.485	503.439	456.339	311.444	102.452	0.924	111.648
101	1.375	96.125	293.720	437.004	488.191	441.445	299.124	96.223	1.100	104.653
102	1.533	90.505	282.068	422.915	472.903	426.924	286.921	90.564	1.297	98.503
103	1.690	85.298	270.769	408.846	458.599	413.130	275.426	85.338	1.513	92.549
104	1.906	80.602	259.962	395.445	443.842	399.434	264.324	80.582	1.729	87.086
105	2.122	76.279	249.489	382.044	429.930	385.620	253.478	76.220	1.945	82.213
106	2.358	72.271	239.546	369.174	415.959	372.691	243.123	72.192	2.161	77.694
107	2.594	68.636	229.722	356.500	402.401	359.683	233.239	68.577	2.397	73.450
108	2.830	65.315	220.310	344.180	389.177	347.422	223.866	65.256	2.633	69.618
109	3.046	62.210	211.251	332.115	376.326	335.102	214.533	62.210	2.849	66.101

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**CANDELA TABULATION - (Cont.)**

110	3.281	59.381	202.664	320.345	363.574	323.391	205.631	59.322	3.105	62.760
111	3.517	56.767	194.333	309.047	351.254	311.935	197.300	56.728	3.340	59.715
112	3.733	54.331	186.473	297.905	339.130	300.597	189.224	54.390	3.576	56.964
113	3.989	52.110	178.751	287.216	327.301	289.653	181.404	52.150	3.812	54.311
114	4.225	50.047	171.481	276.821	316.042	278.963	173.937	50.086	4.028	51.835
115	4.460	48.122	164.368	266.447	304.763	268.726	166.902	48.259	4.244	49.635
116	4.696	46.353	157.687	256.583	293.858	258.823	159.947	46.510	4.460	47.512
117	4.932	44.742	151.399	246.954	283.365	248.978	153.384	44.879	4.696	45.528
118	5.168	43.209	145.190	237.817	273.167	239.684	147.135	43.366	4.932	43.740
119	5.384	41.735	139.236	228.680	263.106	230.586	141.181	42.030	5.168	42.011
120	5.639	40.419	133.597	219.917	253.360	221.764	135.542	40.694	5.404	40.360
121	5.875	39.181	128.114	211.526	243.830	213.197	129.922	39.456	5.639	38.847
122	6.111	38.002	122.907	203.136	234.634	204.767	124.636	38.336	5.875	37.472
123	6.347	36.921	117.720	195.414	225.635	196.927	119.370	37.236	6.091	36.096
124	6.563	35.841	112.513	187.574	216.910	189.028	114.085	36.175	6.327	34.838
125	6.818	34.878	107.974	180.048	208.422	181.581	109.447	35.231	6.543	33.660
126	7.054	33.954	103.612	172.915	200.149	174.192	105.046	34.328	6.779	32.559
127	7.310	33.090	99.407	165.861	192.211	167.138	100.841	33.463	6.995	31.419
128	7.545	32.245	95.437	159.121	184.312	160.182	96.793	32.638	7.211	30.378
129	7.801	31.459	91.606	152.637	176.825	153.659	92.903	31.852	7.427	29.356
130	8.037	30.732	88.049	146.349	169.653	147.449	89.307	31.125	7.644	28.354
131	8.292	30.005	84.512	140.238	162.560	141.240	85.691	30.437	7.840	27.372
132	8.548	29.337	81.133	134.186	155.781	135.306	82.292	29.769	8.056	26.429
133	8.783	28.708	77.930	128.507	149.218	129.568	79.069	29.160	8.253	25.544
134	9.039	28.118	74.864	123.006	142.832	123.988	75.965	28.531	8.469	24.640
135	9.294	27.509	71.897	117.484	136.662	118.408	72.998	27.981	8.646	23.756
136	9.550	26.959	69.107	111.982	130.669	112.827	70.129	27.431	8.842	22.951
137	9.805	26.429	66.454	107.207	124.931	107.993	67.398	26.900	9.039	22.165
138	10.080	25.957	63.861	102.472	119.213	103.238	64.804	26.429	9.216	21.477
139	10.355	25.525	61.385	98.011	113.476	98.778	62.308	25.996	9.392	20.593
140	10.630	25.092	59.066	93.767	108.367	94.494	59.931	25.564	9.550	19.001
141	10.925	24.680	56.826	89.660	103.474	90.250	57.651	25.151	9.687	17.783
142	11.200	24.287	54.645	85.672	98.738	86.281	55.451	24.758	9.864	17.842
143	11.475	23.913	52.602	81.860	94.199	82.449	53.368	24.405	10.041	17.272
144	11.750	23.579	50.617	78.205	89.857	78.716	51.344	24.031	10.218	16.623
145	11.986	23.245	48.691	74.609	85.593	75.179	49.399	23.678	10.375	16.014
146	12.202	22.892	46.864	71.288	81.526	71.779	47.532	23.265	10.512	15.523
147	12.360	22.577	45.076	68.007	77.596	68.478	45.724	22.715	10.591	15.130
148	12.497	22.243	43.386	64.824	73.862	65.236	43.975	22.066	10.630	14.678
149	12.576	21.948	41.735	61.817	70.227	62.230	42.305	21.575	10.670	14.167
150	12.635	21.654	40.163	58.889	66.788	59.282	40.714	21.418	10.689	13.735
151	12.733	21.379	38.631	56.119	63.487	56.453	39.181	20.730	10.709	12.870
152	12.811	21.123	37.196	53.466	60.265	53.820	37.727	20.337	10.748	11.986
153	12.851	20.887	35.841	50.931	57.298	51.206	36.332	20.396	10.768	11.141
154	12.890	20.652	34.504	48.514	54.370	48.790	34.976	19.964	10.788	10.512
155	12.988	20.455	33.227	46.117	51.521	46.392	33.679	19.551	10.827	10.159
156	13.008	20.239	32.009	43.858	48.888	44.152	32.422	19.453	10.827	10.237
157	12.969	19.964	30.810	41.696	46.333	41.991	31.203	18.903	10.846	10.532
158	12.949	19.610	29.690	39.653	43.877	39.908	29.887	17.979	10.827	10.512
159	12.870	19.178	28.590	37.668	41.519	37.923	28.295	17.252	10.807	10.454
160	12.792	18.667	27.529	35.782	39.279	36.017	26.605	16.525	10.768	10.473
161	12.713	18.136	26.527	33.974	37.118	34.190	25.289	15.779	10.709	10.493
162	12.576	17.586	25.564	32.245	35.094	32.461	23.894	15.071	10.650	10.454
163	12.458	17.075	24.621	30.633	33.149	30.771	22.381	14.541	10.571	10.414
164	12.320	16.584	23.717	29.042	31.302	29.179	20.573	14.128	10.493	10.414
165	12.143	16.152	22.892	27.588	29.533	27.686	19.492	13.853	10.414	10.336

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

166	11.967	15.779	22.145	26.193	27.883	25.996	18.746	13.735	10.336	10.316
167	12.045	15.464	21.339	24.876	26.350	24.306	17.979	13.597	10.355	10.316
168	12.045	15.051	20.416	23.678	24.935	22.656	17.095	13.617	10.532	10.375
169	12.261	14.658	19.256	22.617	23.638	21.162	16.113	13.735	10.709	10.552
170	12.399	14.383	18.097	21.516	22.459	19.335	15.051	13.755	10.886	10.788
171	12.477	14.010	17.056	20.219	21.241	17.822	14.285	13.696	11.082	11.043
172	12.576	13.873	16.289	18.667	19.649	15.857	13.755	13.696	11.279	11.239
173	12.615	13.656	15.916	17.252	18.019	13.892	13.794	13.676	11.515	11.475
174	12.733	13.460	15.464	16.270	16.525	13.106	13.853	13.656	11.770	11.731
175	12.870	13.263	14.973	15.936	15.995	12.320	13.873	13.637	12.006	11.986
176	12.988	13.145	14.423	15.680	15.386	12.124	13.696	13.558	12.242	12.222
177	13.067	13.106	13.873	14.541	14.580	12.084	13.303	13.322	12.497	12.477
178	13.165	13.106	13.322	13.499	13.755	11.809	12.890	13.283	12.792	12.772
179	13.204	13.087	12.772	12.477	12.949	11.632	12.694	13.224	13.067	13.047
180	13.244	13.244	13.244	13.244	13.244	13.244	13.244	13.244	13.244	13.244

**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	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839	2229.839
1	2230.723	2229.093	2230.036	2228.935	2229.387	2227.737	2229.250
2	2230.763	2229.073	2229.368	2227.894	2227.521	2225.752	2226.911
3	2229.898	2227.972	2229.210	2226.420	2224.396	2222.608	2223.944
4	2228.287	2227.108	2226.636	2224.043	2221.272	2218.914	2218.757
5	2226.066	2225.163	2223.964	2220.918	2217.519	2214.198	2213.569
6	2223.119	2222.844	2220.820	2217.932	2213.019	2208.441	2208.441
7	2219.386	2219.661	2216.831	2212.037	2207.301	2201.328	2201.465
8	2215.161	2214.631	2213.805	2207.282	2200.070	2194.392	2193.389
9	2209.699	2209.954	2208.991	2201.819	2193.625	2186.158	2185.274
10	2204.315	2205.965	2203.489	2195.531	2186.728	2177.748	2176.707
11	2197.653	2200.031	2197.123	2189.695	2178.692	2167.826	2167.433
12	2190.206	2193.291	2190.933	2182.661	2169.221	2158.374	2155.545
13	2182.052	2186.119	2184.547	2174.271	2159.416	2146.329	2144.305
14	2174.605	2178.259	2176.609	2165.153	2149.434	2134.795	2132.535
15	2165.232	2170.734	2167.826	2155.918	2139.059	2122.376	2118.918
16	2154.346	2161.086	2158.453	2145.700	2127.112	2108.170	2104.947
17	2143.657	2151.851	2148.766	2135.031	2114.497	2094.258	2090.132
18	2132.771	2142.399	2138.744	2124.557	2102.118	2078.303	2075.316
19	2119.704	2130.708	2129.725	2112.532	2087.754	2062.819	2058.319
20	2107.089	2119.979	2117.877	2099.897	2073.272	2046.529	2040.654
21	2093.845	2107.168	2106.500	2087.616	2058.476	2029.906	2023.186
22	2079.462	2094.003	2094.730	2073.724	2043.307	2012.418	2005.737
23	2065.000	2080.562	2081.545	2059.911	2026.762	1992.906	1986.029
24	2049.457	2067.024	2067.987	2044.741	2009.864	1973.689	1966.026
25	2034.131	2052.778	2054.232	2030.613	1993.476	1954.943	1945.276
26	2016.682	2038.061	2039.809	2016.034	1974.770	1935.038	1924.290
27	2000.117	2022.498	2025.406	1999.351	1957.537	1913.797	1901.674
28	1981.608	2006.641	2010.001	1983.612	1939.047	1892.340	1879.391
29	1962.862	1991.432	1993.201	1966.596	1919.044	1869.409	1855.773
30	1944.470	1973.807	1978.071	1949.088	1898.471	1847.441	1831.407
31	1924.408	1956.555	1960.504	1931.168	1878.507	1823.449	1806.963
32	1904.739	1939.086	1944.490	1911.990	1857.168	1800.047	1781.517
33	1884.363	1920.026	1925.960	1893.716	1835.907	1775.112	1755.718
34	1862.905	1901.458	1908.787	1874.518	1813.055	1750.884	1729.269
35	1841.429	1881.946	1890.768	1855.792	1791.087	1724.416	1702.546
36	1818.714	1862.886	1870.903	1835.494	1769.295	1698.400	1674.605

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

37	1796.647	1843.197	1851.430	1814.411	1744.989	1671.520	1646.820
38	1774.424	1822.074	1831.329	1793.955	1721.587	1644.993	1618.054
39	1750.334	1802.051	1812.288	1773.225	1697.536	1616.993	1588.953
40	1726.401	1780.928	1791.558	1752.141	1673.760	1589.247	1559.813
41	1702.900	1759.333	1771.712	1730.154	1648.864	1561.778	1529.985
42	1678.495	1737.994	1750.334	1708.009	1623.850	1532.716	1499.135
43	1652.813	1715.731	1729.938	1686.060	1598.895	1503.910	1468.561
44	1628.114	1693.409	1707.989	1664.014	1573.272	1474.338	1436.571
45	1602.747	1670.478	1686.532	1641.161	1547.610	1444.745	1405.702
46	1577.497	1648.589	1664.289	1618.034	1521.575	1414.210	1373.536
47	1551.186	1625.108	1642.478	1594.258	1496.148	1384.481	1341.488
48	1524.778	1602.432	1620.058	1570.934	1469.936	1353.768	1307.298
49	1497.386	1578.892	1597.186	1547.728	1443.449	1322.703	1274.699
50	1471.292	1554.586	1574.432	1524.679	1416.372	1292.384	1242.002
51	1444.667	1531.124	1552.051	1501.179	1390.356	1261.023	1207.734
52	1416.883	1506.622	1528.236	1476.833	1363.318	1229.368	1173.445
53	1389.491	1483.121	1505.698	1452.939	1336.005	1197.791	1139.236
54	1362.532	1458.618	1481.903	1428.299	1309.302	1165.939	1104.987
55	1335.082	1434.253	1458.795	1404.130	1281.950	1134.068	1069.500
56	1307.651	1409.593	1434.410	1379.608	1255.069	1102.629	1033.856
57	1280.122	1384.893	1411.381	1355.065	1227.226	1070.699	999.469
58	1252.731	1360.115	1387.231	1330.621	1199.854	1038.277	963.786
59	1225.595	1335.593	1363.534	1305.745	1173.052	1006.288	928.260
60	1197.693	1311.542	1339.424	1281.714	1146.427	974.514	892.478
61	1170.184	1286.528	1316.179	1257.309	1118.624	942.230	856.971
62	1142.576	1261.789	1292.403	1232.767	1092.450	910.045	820.718
63	1115.106	1237.404	1268.490	1208.697	1066.042	878.979	784.661
64	1088.206	1212.371	1244.537	1183.801	1039.692	847.225	748.369
65	1061.011	1187.495	1220.192	1159.966	1012.811	815.433	711.664
66	1034.327	1163.798	1196.141	1135.994	986.717	784.544	675.686
67	1007.526	1139.550	1172.954	1112.336	961.015	753.537	638.568
68	981.136	1114.595	1149.650	1087.538	935.157	722.491	602.590
69	954.649	1090.387	1125.697	1063.978	909.435	692.014	566.808
70	928.731	1066.297	1102.668	1040.320	884.736	662.206	530.398
71	902.932	1042.973	1079.069	1017.173	859.565	632.496	495.205
72	877.643	1019.492	1056.197	994.301	834.984	603.160	459.424
73	852.020	995.736	1033.227	970.722	810.559	574.825	424.074
74	827.379	972.353	1010.905	948.047	787.098	546.235	389.000
75	802.778	949.285	987.994	925.312	762.556	518.588	353.985
76	778.295	926.295	965.240	902.853	739.841	491.904	321.033
77	754.303	903.423	943.291	881.062	716.537	465.653	287.530
78	730.783	881.199	921.225	858.877	693.802	439.656	255.168
79	707.636	859.192	899.257	836.850	671.972	415.114	223.709
80	684.862	837.145	877.996	815.433	649.827	391.260	193.115
81	662.324	815.452	856.264	794.211	628.389	367.563	163.955
82	640.454	793.759	835.278	773.324	607.364	345.575	136.072
83	619.292	772.675	814.450	752.869	586.811	324.589	111.668
84	597.893	751.552	793.229	732.178	566.435	304.115	87.342
85	577.301	731.156	773.186	711.939	546.923	284.092	63.016
86	557.317	711.074	753.222	692.840	527.824	264.089	43.445
87	537.727	691.130	733.259	673.406	508.940	246.188	26.212
88	518.431	671.815	713.648	654.012	490.647	229.427	12.163
89	499.941	652.794	694.746	635.286	472.805	214.238	6.406
90	481.156	633.341	675.646	617.032	455.651	199.324	0.747
91	463.609	614.792	656.881	598.601	438.399	185.510	0.570
92	446.259	596.361	638.607	581.093	422.286	172.837	0.589

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

93	429.792	578.657	620.962	563.546	406.410	161.224	0.629
94	413.248	560.776	603.022	546.156	390.828	149.729	0.668
95	397.390	543.700	585.671	529.788	375.697	139.708	0.727
96	382.260	526.939	568.400	513.499	361.157	130.472	0.786
97	366.973	510.296	551.658	497.367	347.068	121.630	0.884
98	352.649	494.419	535.251	481.569	333.530	113.593	1.002
99	338.914	478.464	519.414	466.340	320.306	106.402	1.120
100	325.297	463.059	503.478	451.053	307.573	99.583	1.258
101	312.269	447.909	487.935	436.729	295.331	93.355	1.375
102	299.811	433.192	472.785	422.109	282.323	87.774	1.533
103	287.393	419.005	458.009	408.335	269.315	82.646	1.690
104	274.994	404.602	443.311	394.522	258.803	77.694	1.906
105	262.615	391.142	429.223	381.180	248.428	73.469	2.122
106	251.965	377.387	415.429	368.093	238.210	69.441	2.358
107	241.197	364.497	401.812	355.380	228.150	65.649	2.594
108	231.451	351.647	388.588	342.903	218.875	62.328	2.830
109	221.882	339.346	375.521	330.740	209.836	59.263	3.046
110	212.548	327.458	362.945	319.107	200.955	56.256	3.281
111	203.568	315.570	350.625	307.789	192.643	53.584	3.517
112	195.296	304.331	338.639	296.864	184.646	51.246	3.733
113	186.965	293.307	326.652	285.664	176.865	48.868	3.989
114	178.810	281.478	315.236	274.464	169.260	46.687	4.225
115	171.461	269.689	304.173	263.283	162.226	44.801	4.460
116	164.132	259.726	293.347	253.360	155.349	42.973	4.696
117	157.078	249.784	281.596	243.771	148.707	41.205	4.932
118	150.318	240.293	269.924	234.516	142.439	39.633	5.168
119	143.991	231.019	260.218	225.477	136.387	38.159	5.384
120	137.743	221.882	250.570	216.576	130.571	36.705	5.639
121	131.809	213.059	240.902	208.068	125.049	35.389	5.875
122	126.208	204.629	231.726	199.815	119.724	34.229	6.111
123	120.746	196.298	222.648	191.661	114.537	33.031	6.347
124	115.460	188.281	213.825	183.938	109.664	31.911	6.563
125	110.489	180.578	205.494	176.354	104.987	30.928	6.818
126	105.694	173.053	196.966	169.084	100.448	29.946	7.054
127	100.979	165.782	189.067	161.970	96.086	29.003	7.310
128	96.518	158.709	181.089	155.231	91.979	28.236	7.545
129	92.235	151.910	173.642	148.569	88.030	27.411	7.801
130	88.128	145.170	166.175	142.203	84.276	26.645	8.037
131	84.119	138.784	159.121	136.092	80.661	25.977	8.292
132	80.386	132.536	152.047	130.020	77.203	25.269	8.548
133	76.692	126.523	145.347	124.204	73.803	24.562	8.783
134	73.194	120.726	138.804	118.683	70.679	23.854	9.039
135	69.756	115.028	132.496	113.358	67.771	23.285	9.294
136	66.376	109.506	126.326	108.268	64.922	22.754	9.550
137	63.153	104.162	120.353	103.297	62.249	22.282	9.805
138	60.108	99.053	114.596	98.542	59.636	21.831	10.080
139	57.101	94.101	109.054	93.964	57.200	21.398	10.355
140	54.174	89.228	103.631	89.601	54.901	21.064	10.630
141	51.383	84.611	98.562	85.455	52.798	20.789	10.925
142	48.593	80.052	93.492	81.427	50.794	20.534	11.200
143	45.901	75.572	88.717	77.674	48.927	20.376	11.475
144	43.327	71.445	84.119	74.059	47.198	20.219	11.750
145	40.832	67.319	79.600	70.542	45.488	20.062	11.986
146	38.297	63.291	75.257	67.162	43.897	19.964	12.202
147	35.880	59.538	71.072	63.920	42.404	19.866	12.360
148	33.601	55.863	67.083	60.776	40.891	19.728	12.497

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

149	31.478	52.346	63.271	57.868	39.535	19.689	12.576
150	29.533	49.065	59.538	54.999	38.199	19.610	12.635
151	27.745	45.862	56.040	52.189	36.843	19.512	12.733
152	26.094	42.816	52.602	49.536	35.624	19.473	12.811
153	24.444	39.869	49.418	47.001	34.387	19.394	12.851
154	22.774	37.079	46.333	44.545	33.149	19.335	12.890
155	20.101	34.426	43.386	42.148	31.930	19.256	12.988
156	17.920	32.107	40.517	39.849	30.673	19.158	13.008
157	16.879	29.926	37.747	37.609	29.513	19.040	12.969
158	15.798	27.942	35.055	35.349	28.374	18.883	12.949
159	15.150	26.055	32.697	33.149	27.273	18.687	12.870
160	14.383	24.149	30.535	31.184	26.114	18.451	12.792
161	13.303	22.243	28.511	29.317	24.955	18.176	12.713
162	12.752	20.475	26.743	27.588	23.795	17.763	12.576
163	11.691	18.883	24.955	25.977	22.656	17.193	12.458
164	10.905	16.623	23.186	24.346	21.595	16.525	12.320
165	10.414	14.364	21.654	22.734	20.553	15.779	12.143
166	10.237	13.931	20.318	21.320	19.591	15.091	11.967
167	10.473	13.087	19.256	20.042	18.765	14.482	12.045
168	10.945	11.908	18.117	19.001	17.724	13.912	12.045
169	11.122	11.298	16.506	17.901	16.447	13.421	12.261
170	11.102	10.846	14.776	16.466	15.228	13.263	12.399
171	11.279	10.512	13.126	15.091	14.266	13.499	12.477
172	11.436	10.905	11.161	13.990	13.519	13.853	12.576
173	11.613	11.475	9.589	13.322	13.558	13.990	12.615
174	11.849	11.770	10.257	13.362	14.069	13.755	12.733
175	11.986	12.006	10.296	13.480	14.069	13.165	12.870
176	12.163	12.084	10.375	12.222	13.656	12.733	12.988
177	12.320	11.986	10.709	11.829	12.910	12.694	13.067
178	12.497	11.947	10.866	10.925	12.399	12.536	13.165
179	12.792	12.261	11.279	9.373	11.750	12.517	13.204
180	13.244	13.244	13.244	13.244	13.244	13.244	13.244



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_P.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	817.93	N.A.	9.60
0-30	1744.27	N.A.	20.50
0-40	2876.5	N.A.	33.80
0-60	5233.28	N.A.	61.40
0-80	6994.64	N.A.	82.10
0-90	7538.57	N.A.	88.50
10-90	7327.44	N.A.	86.00
20-40	2058.57	N.A.	24.20
20-50	3264.52	N.A.	38.30
40-70	3348.16	N.A.	39.30
60-80	1761.36	N.A.	20.70
70-80	769.98	N.A.	9.00
80-90	543.93	N.A.	6.40
90-110	619.95	N.A.	7.30
90-120	779.03	N.A.	9.10
90-130	876.10	N.A.	10.30
90-150	961.41	N.A.	11.30
90-180	982.30	N.A.	11.50
110-180	362.35	N.A.	4.30
0-180	8520.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	211.13
10-20	606.80
20-30	926.34
30-40	1132.23
40-50	1205.96
50-60	1150.83
60-70	991.38
70-80	769.98
80-90	543.93
90-100	371.79
100-110	248.15
110-120	159.09
120-130	97.07
130-140	55.70
140-150	29.61
150-160	14.10
160-170	5.48
170-180	1.31

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL8HT60WWT35120-277V\_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	42	39
5	71	57	48	41	68	56	47	40	52	45	39	49	42	37	46	40	36	33
6	65	52	42	36	63	50	41	35	47	39	34	44	38	33	41	36	31	29
7	60	47	38	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	26	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 : SLSEL8HT60WWT35120-277V\_P.IES**

**UGR TABLE - CORRECTED**

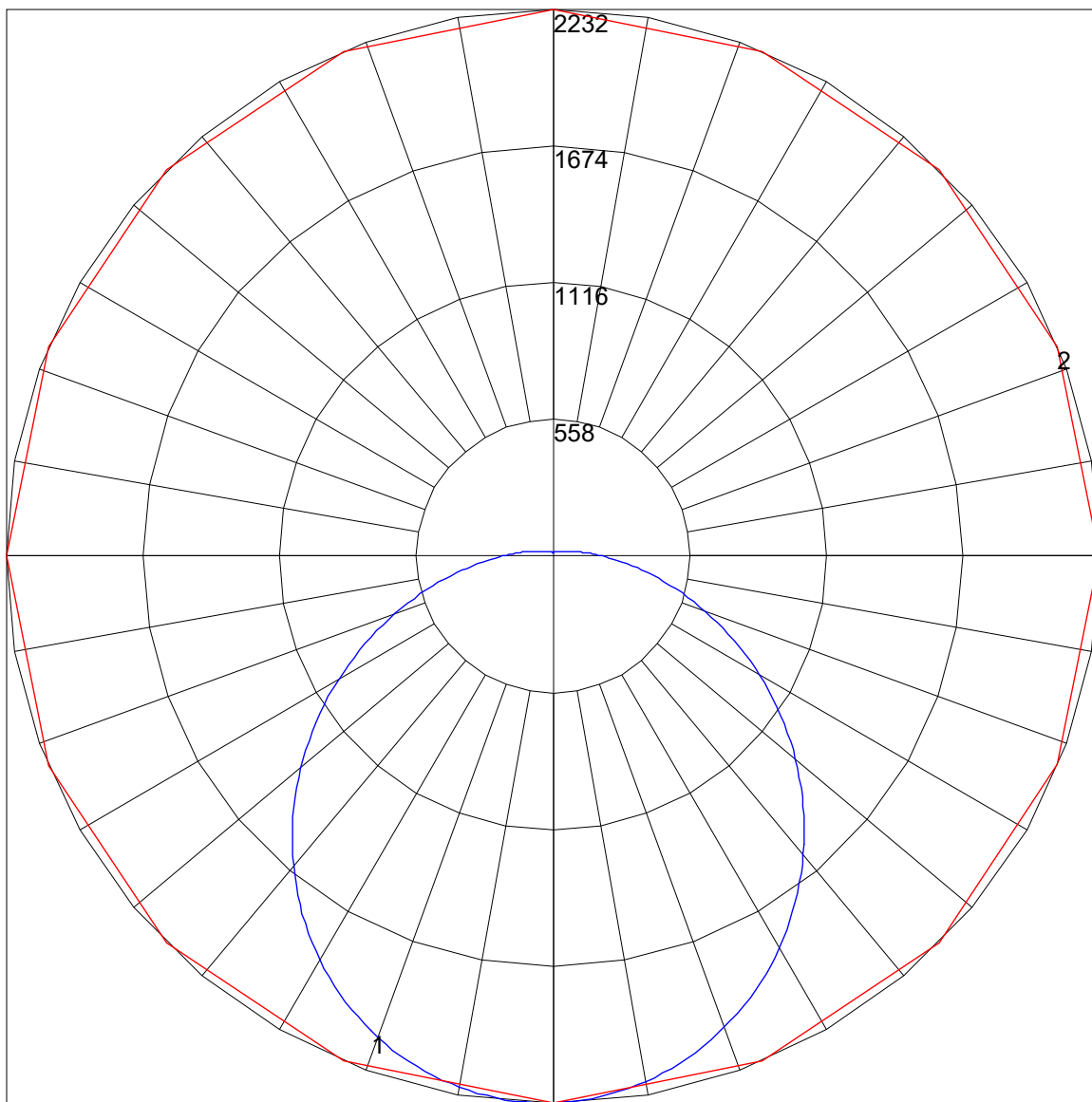
Reflectances

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	16.0	17.5	16.5	18.0	18.6	19.1	20.6	19.7	21.1	21.7
	3H	17.4	18.7	17.9	19.3	19.9	21.8	23.2	22.4	23.7	24.3
	4H	17.8	19.1	18.4	19.7	20.3	23.2	24.4	23.8	25.0	25.7
	6H	18.1	19.2	18.7	19.8	20.5	24.6	25.8	25.2	26.4	27.1
	8H	18.1	19.2	18.7	19.8	20.5	25.4	26.5	26.0	27.1	27.8
	12H	18.1	19.2	18.7	19.8	20.5	26.3	27.3	26.9	27.9	28.6
4H	2H	17.1	18.3	17.6	18.9	19.5	19.5	20.8	20.1	21.3	22.0
	3H	18.7	19.8	19.3	20.4	21.1	22.4	23.5	23.0	24.1	24.8
	4H	19.3	20.3	19.9	20.9	21.6	23.9	24.9	24.5	25.5	26.2
	6H	19.6	20.5	20.3	21.2	21.9	25.6	26.4	26.2	27.1	27.8
	8H	19.7	20.6	20.4	21.2	21.9	26.4	27.3	27.1	27.9	28.6
	12H	19.8	20.5	20.4	21.2	21.9	27.4	28.2	28.1	28.8	29.6
8H	4H	20.2	21.0	20.8	21.6	22.4	24.1	24.9	24.7	25.6	26.3
	6H	20.8	21.5	21.4	22.1	22.9	25.9	26.6	26.6	27.3	28.0
	8H	21.0	21.6	21.6	22.3	23.0	26.9	27.5	27.6	28.2	29.0
	12H	21.1	21.6	21.7	22.3	23.1	28.0	28.6	28.7	29.3	30.1
12H	4H	20.5	21.2	21.1	21.9	22.6	24.1	24.9	24.8	25.5	26.3
	6H	21.2	21.8	21.9	22.5	23.3	25.9	26.6	26.6	27.2	28.0
	8H	21.5	22.0	22.1	22.7	23.5	27.0	27.6	27.7	28.2	29.0

Maximum UGR = 30.1

POLAR GRAPH



Maximum Candela = 2232.04 Located At Horizontal Angle = 157.5, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)