

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT70WWT35120-277V_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 14:38:08
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] SLSEL8HT70WWT35120-277V_P
[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9553
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	70
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	10578	8072	7856
55	9847	7233	7170
65	8775	6454	6577
75	6935	5780	6099
85	3362	5338	5798

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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	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493
1	2498.121	2498.259	2497.945	2498.611	2498.729	2499.434	2499.924	2500.335	2498.670	2500.374
2	2494.928	2495.868	2495.829	2496.417	2497.730	2498.513	2499.003	2500.100	2499.885	2500.433
3	2491.519	2492.028	2493.517	2494.105	2494.889	2496.828	2498.650	2498.709	2498.082	2499.767
4	2486.856	2488.659	2489.207	2490.422	2492.028	2494.301	2495.947	2497.788	2495.026	2497.455
5	2481.174	2482.076	2483.251	2486.405	2489.893	2490.677	2492.636	2494.614	2491.539	2494.458
6	2474.827	2476.570	2477.961	2480.802	2486.445	2488.561	2488.933	2490.814	2487.699	2490.226
7	2468.577	2469.478	2472.397	2475.806	2481.135	2483.604	2485.681	2486.170	2482.899	2485.328
8	2459.173	2461.054	2465.148	2469.537	2474.631	2479.352	2479.039	2480.998	2477.021	2480.508
9	2450.121	2452.414	2457.488	2464.345	2469.419	2473.808	2472.672	2474.121	2468.694	2473.338
10	2440.678	2442.500	2449.553	2456.822	2463.189	2466.912	2465.971	2467.362	2461.876	2465.775
11	2429.452	2430.725	2439.659	2448.397	2455.842	2460.916	2459.761	2459.898	2453.197	2457.312
12	2418.363	2420.733	2428.433	2439.483	2448.025	2451.689	2450.043	2448.809	2443.597	2448.005
13	2404.218	2407.196	2419.382	2430.059	2439.483	2443.480	2440.717	2438.582	2431.274	2437.543
14	2390.856	2394.128	2406.510	2419.754	2430.667	2435.604	2430.627	2429.099	2420.087	2427.630
15	2376.554	2380.433	2394.030	2409.311	2420.890	2425.318	2420.224	2417.325	2406.216	2415.483
16	2360.900	2365.778	2380.786	2397.086	2410.683	2414.013	2408.508	2403.689	2392.678	2401.435
17	2345.207	2348.675	2366.836	2384.410	2398.399	2402.807	2396.655	2390.092	2378.513	2388.642
18	2327.280	2332.061	2351.417	2373.282	2387.800	2391.111	2382.823	2375.751	2363.897	2374.144
19	2308.883	2316.093	2337.057	2359.176	2374.888	2378.004	2369.226	2359.666	2345.990	2358.059
20	2289.487	2298.108	2321.324	2346.030	2363.035	2364.916	2355.179	2343.404	2329.651	2341.269
21	2269.935	2278.692	2304.456	2330.337	2349.909	2350.790	2338.487	2325.517	2311.078	2324.557
22	2250.245	2258.611	2286.470	2315.682	2334.666	2337.037	2322.657	2308.041	2291.525	2306.826
23	2228.420	2238.686	2267.270	2300.028	2319.600	2321.501	2305.337	2289.056	2271.306	2286.980
24	2206.006	2217.370	2249.324	2283.101	2305.220	2305.455	2286.999	2269.758	2250.323	2268.877
25	2183.770	2194.389	2229.987	2266.095	2288.900	2289.762	2269.229	2248.423	2227.734	2248.051
26	2158.614	2173.033	2209.670	2248.540	2273.598	2272.560	2250.852	2227.597	2204.282	2226.696
27	2134.653	2147.975	2189.157	2231.143	2256.181	2254.183	2230.810	2205.595	2182.751	2204.674
28	2109.007	2124.543	2166.901	2212.922	2239.842	2236.433	2210.238	2182.829	2157.281	2181.184
29	2081.598	2099.603	2146.643	2193.683	2220.563	2218.016	2189.588	2159.123	2132.282	2158.418
30	2055.678	2074.702	2123.270	2174.111	2203.185	2198.307	2167.371	2134.418	2106.225	2134.026
31	2028.191	2048.390	2100.622	2154.029	2183.770	2178.754	2145.585	2108.870	2079.149	2108.694
32	2000.037	2020.922	2075.681	2133.869	2165.216	2158.633	2122.153	2083.753	2051.427	2083.459
33	1971.570	1993.493	2051.191	2113.396	2145.546	2138.415	2098.232	2056.579	2022.568	2056.873
34	1942.025	1965.516	2026.898	2091.120	2124.622	2116.491	2074.506	2029.072	1993.219	2029.288
35	1912.246	1936.794	2001.506	2069.667	2102.659	2094.979	2049.996	2000.742	1964.419	2001.134
36	1881.957	1907.367	1975.528	2046.646	2082.264	2072.880	2024.840	1971.629	1933.346	1973.157
37	1850.179	1877.333	1949.647	2023.586	2061.222	2049.840	1998.724	1942.457	1901.412	1943.201
38	1817.872	1846.848	1924.001	2001.075	2038.672	2027.172	1973.392	1911.991	1868.928	1914.381
39	1785.839	1815.913	1895.652	1977.448	2016.553	2002.584	1945.866	1881.447	1836.171	1883.563
40	1753.042	1783.978	1869.007	1952.448	1993.983	1980.406	1918.496	1850.277	1803.099	1853.333
41	1719.423	1752.121	1840.931	1929.350	1970.786	1955.387	1891.243	1818.205	1770.146	1821.222
42	1684.569	1720.245	1813.268	1904.762	1948.432	1930.780	1862.894	1786.094	1734.822	1789.385
43	1650.224	1687.586	1785.408	1879.900	1924.804	1906.172	1834.603	1753.571	1699.909	1757.196
44	1614.880	1654.515	1755.922	1854.548	1900.471	1880.605	1805.274	1719.129	1664.291	1723.419
45	1579.948	1621.385	1727.769	1829.215	1877.020	1855.762	1775.926	1686.214	1628.262	1690.740
46	1544.016	1587.079	1698.753	1804.216	1852.020	1829.646	1746.420	1650.988	1590.802	1657.140
47	1506.792	1553.048	1668.915	1777.062	1826.218	1803.374	1716.876	1616.036	1554.126	1622.658
48	1470.978	1518.332	1639.449	1750.907	1801.219	1777.160	1686.685	1581.143	1515.765	1588.588
49	1433.479	1484.026	1608.650	1724.458	1776.298	1750.025	1655.142	1546.152	1478.305	1553.009
50	1395.823	1448.996	1578.890	1697.597	1750.241	1724.477	1626.459	1509.417	1439.102	1517.607
51	1358.462	1414.083	1548.581	1671.050	1724.810	1696.618	1594.759	1473.407	1400.290	1481.910
52	1320.003	1377.995	1517.822	1643.876	1699.086	1669.777	1564.353	1436.653	1360.558	1446.312
53	1281.564	1342.220	1487.220	1616.546	1672.539	1642.642	1533.104	1400.702	1320.747	1410.439

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54	1242.948	1307.013	1456.695	1589.195	1646.756	1614.861	1502.345	1362.987	1280.760	1374.096
55	1204.156	1271.160	1426.583	1562.041	1620.738	1588.157	1470.782	1326.311	1240.382	1338.067
56	1164.992	1234.896	1396.255	1534.808	1595.190	1560.062	1439.141	1289.244	1199.709	1301.704
57	1124.829	1199.043	1366.024	1508.634	1569.505	1531.693	1408.401	1251.960	1158.037	1264.715
58	1084.959	1162.406	1335.245	1481.146	1542.508	1504.989	1376.721	1214.501	1116.874	1227.843
59	1045.129	1126.533	1305.387	1454.482	1516.529	1478.011	1345.414	1176.532	1075.202	1190.324
60	1005.181	1090.386	1275.196	1426.739	1489.669	1450.622	1313.890	1138.327	1033.256	1153.531
61	965.233	1054.886	1245.103	1400.055	1462.945	1422.096	1283.170	1101.358	991.369	1116.424
62	924.031	1018.445	1214.285	1372.235	1436.006	1394.276	1252.450	1063.584	948.933	1079.336
63	883.339	982.513	1183.879	1345.296	1409.655	1366.710	1221.064	1026.046	906.438	1042.582
64	843.626	947.777	1155.255	1318.357	1382.814	1339.379	1190.599	989.116	863.649	1005.788
65	802.816	911.963	1125.495	1290.772	1356.914	1312.107	1159.878	951.695	821.370	969.876
66	761.771	876.619	1096.107	1263.500	1330.563	1284.659	1129.472	914.627	778.425	933.181
67	721.353	841.393	1066.895	1237.364	1303.898	1256.702	1099.222	877.599	735.460	896.681
68	680.544	807.538	1037.684	1211.483	1277.449	1230.527	1069.501	842.275	692.279	861.279
69	639.988	773.820	1009.609	1185.309	1251.275	1203.294	1040.035	805.971	650.764	825.739
70	599.100	739.907	981.142	1158.527	1225.805	1176.434	1011.059	770.588	607.877	790.709
71	559.524	706.640	953.027	1132.548	1199.885	1150.259	981.886	734.931	565.578	756.364
72	519.440	673.706	925.716	1106.922	1174.455	1123.614	953.243	701.468	523.887	722.411
73	479.825	641.673	898.699	1081.413	1149.965	1097.968	924.776	667.006	482.450	688.459
74	440.445	610.542	871.995	1056.198	1124.417	1072.264	897.151	634.542	441.366	655.603
75	401.653	579.508	845.566	1030.983	1099.614	1046.873	869.370	600.942	401.300	623.707
76	363.880	549.885	819.803	1006.396	1074.987	1021.501	842.666	570.026	362.019	591.890
77	326.068	520.360	794.314	981.455	1049.988	995.855	816.452	539.443	323.286	560.818
78	289.803	491.933	768.746	957.475	1025.772	971.228	790.258	509.213	284.552	530.587
79	254.146	464.386	744.589	933.181	1001.850	946.778	764.240	479.962	245.917	501.748
80	219.723	437.820	720.295	909.435	977.537	922.347	738.967	452.004	210.769	473.595
81	187.181	412.174	696.903	886.297	954.007	898.542	714.829	424.850	176.660	446.538
82	155.226	387.077	673.412	862.591	930.516	874.777	690.300	398.558	145.293	420.207
83	126.309	363.978	650.803	840.021	907.731	851.639	667.104	373.519	115.494	394.443
84	101.075	341.153	629.017	817.726	884.691	828.443	644.142	350.107	88.026	370.482
85	75.938	319.210	607.074	795.842	862.709	805.912	621.592	327.204	63.870	347.423
86	50.782	299.070	586.111	773.664	840.550	783.793	599.766	305.437	45.649	325.402
87	31.425	279.870	565.382	752.426	818.568	761.889	578.098	284.983	27.448	304.203
88	15.086	261.258	545.222	731.737	796.821	740.612	557.546	265.979	9.463	283.749
89	10.266	243.782	525.474	710.304	775.799	719.551	537.151	247.759	1.332	263.315
90	5.505	227.756	506.548	690.477	754.620	698.842	517.324	230.988	0.372	246.152
91	0.744	212.533	488.053	670.415	734.362	678.193	498.124	215.197	0.392	229.578
92	0.666	198.074	470.009	650.274	713.615	658.248	479.472	200.249	0.411	214.394
93	0.705	185.143	452.631	631.505	694.062	638.774	461.800	186.769	0.451	199.837
94	0.744	172.742	435.449	612.403	674.372	619.397	443.541	173.839	0.490	186.319
95	0.803	161.320	418.972	593.810	654.937	600.687	426.750	162.084	0.549	174.191
96	0.882	150.681	402.985	575.727	636.481	582.310	410.313	151.445	0.588	162.475
97	0.980	141.003	387.331	558.036	618.045	564.031	394.326	141.277	0.666	151.700
98	1.097	132.010	372.285	540.599	599.512	546.026	378.731	132.010	0.784	141.982
99	1.254	124.017	357.983	523.593	581.820	529.059	363.606	124.036	0.901	133.009
100	1.391	116.082	343.661	506.881	564.383	511.897	349.362	116.101	1.058	124.722
101	1.528	108.128	330.182	490.502	547.084	495.224	335.276	108.186	1.234	116.846
102	1.685	101.839	317.075	474.790	530.000	479.374	321.718	101.662	1.430	109.969
103	1.881	96.020	304.360	459.077	513.993	463.132	308.846	95.883	1.665	103.386
104	2.096	90.612	291.958	443.619	497.790	448.047	296.464	90.456	1.900	97.352
105	2.331	85.734	280.321	428.749	481.725	432.981	284.376	85.558	2.155	91.945
106	2.586	81.248	269.036	414.172	466.052	417.895	272.719	81.012	2.410	86.870
107	2.821	77.153	258.005	400.047	451.181	403.671	261.689	76.957	2.684	82.188
108	3.076	73.332	247.524	386.117	436.076	389.447	250.874	73.254	2.939	77.858
109	3.311	69.904	237.473	372.794	421.892	376.086	240.627	69.747	3.213	73.940

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110	3.546	66.671	227.795	359.707	407.864	362.900	230.792	66.573	3.468	70.276
111	3.801	63.713	218.489	346.776	393.816	349.676	221.192	63.693	3.742	66.847
112	4.075	61.009	209.457	334.237	380.416	337.176	212.180	61.009	4.016	63.752
113	4.349	58.482	200.876	322.286	367.152	324.931	203.540	58.501	4.291	60.813
114	4.643	56.190	192.667	310.590	354.045	313.019	195.213	56.248	4.545	58.070
115	4.918	54.015	184.751	298.972	341.741	301.499	187.240	54.172	4.800	55.563
116	5.192	52.056	177.169	288.001	329.771	290.391	179.560	52.232	5.055	53.251
117	5.447	50.234	170.155	277.225	317.741	279.537	172.350	50.371	5.309	51.056
118	5.721	48.490	163.083	266.763	306.221	268.879	165.120	48.725	5.564	48.980
119	5.995	46.864	156.402	256.791	295.015	258.809	158.518	47.158	5.858	47.099
120	6.250	45.394	150.152	246.897	283.945	248.797	152.092	45.669	6.113	45.296
121	6.505	43.984	143.981	237.356	273.385	239.217	145.822	44.258	6.387	43.553
122	6.779	42.671	138.201	228.187	262.943	230.048	140.004	43.004	6.661	42.005
123	7.033	41.417	132.617	219.351	253.049	220.996	134.322	41.789	6.916	40.536
124	7.308	40.242	127.367	210.515	243.135	212.239	128.817	40.594	7.190	39.086
125	7.582	39.145	122.136	202.169	233.770	203.579	123.605	39.517	7.445	37.754
126	7.856	38.126	116.885	194.156	224.601	195.625	118.413	38.518	7.700	36.578
127	8.150	37.146	111.654	186.201	215.569	187.690	113.202	37.538	7.954	35.305
128	8.425	36.225	107.207	178.560	206.812	180.010	108.598	36.617	8.189	34.129
129	8.699	35.344	102.955	171.311	198.446	172.663	104.327	35.775	8.425	33.032
130	8.993	34.501	98.841	164.298	190.374	165.532	100.232	34.952	8.679	31.974
131	9.267	33.718	94.903	157.460	182.440	158.675	96.216	34.149	8.914	30.936
132	9.541	32.934	91.161	150.897	174.799	152.013	92.395	33.404	9.169	29.956
133	9.835	32.209	87.556	144.549	167.491	145.666	88.732	32.699	9.404	28.996
134	10.109	31.523	84.108	138.319	160.281	139.337	85.283	32.033	9.620	27.958
135	10.403	30.896	80.836	132.441	153.483	133.401	81.992	31.386	9.855	27.017
136	10.678	30.269	77.682	126.426	146.920	127.680	78.720	30.779	10.070	26.096
137	10.971	29.682	74.645	120.999	140.376	122.116	75.683	30.191	10.266	25.195
138	11.285	29.153	71.785	115.612	134.165	116.552	72.803	29.662	10.482	24.294
139	11.598	28.643	69.022	110.204	128.190	110.988	70.021	29.153	10.658	23.393
140	11.912	28.193	66.377	105.365	122.410	106.110	67.337	28.663	10.834	22.158
141	12.225	27.703	63.830	100.683	116.630	101.408	64.751	28.232	10.991	20.180
142	12.539	27.272	61.440	96.294	110.870	96.941	62.283	27.781	11.167	20.062
143	12.852	26.860	59.089	92.062	105.757	92.611	59.912	27.370	11.363	19.396
144	13.146	26.449	56.856	87.909	100.879	88.457	57.698	26.978	11.559	18.730
145	13.420	26.057	54.759	83.932	96.137	84.500	55.484	26.586	11.716	18.005
146	13.675	25.705	52.663	80.131	91.592	80.660	53.427	26.136	11.853	17.417
147	13.832	25.352	50.665	76.408	87.184	76.918	51.370	25.528	11.931	16.927
148	13.969	24.980	48.764	72.921	82.972	73.391	49.430	24.823	11.951	16.398
149	14.067	24.647	46.923	69.492	78.936	69.963	47.549	24.274	11.971	15.869
150	14.126	24.333	45.159	66.240	75.096	66.691	45.786	24.059	11.990	15.321
151	14.243	24.000	43.474	63.125	71.432	63.536	44.023	23.334	12.010	14.478
152	14.341	23.706	41.848	60.147	67.827	60.519	42.377	22.864	12.029	13.479
153	14.380	23.451	40.261	57.287	64.418	57.620	40.829	22.864	12.049	12.598
154	14.420	23.197	38.812	54.524	61.146	54.896	39.301	22.413	12.069	11.873
155	14.498	22.962	37.401	51.918	57.992	52.212	37.832	21.943	12.088	11.422
156	14.537	22.707	35.990	49.372	54.975	49.724	36.441	21.825	12.088	11.481
157	14.498	22.394	34.678	46.942	52.075	47.275	35.089	21.277	12.088	11.775
158	14.459	22.002	33.404	44.650	49.391	44.944	33.659	20.238	12.069	11.794
159	14.380	21.512	32.170	42.436	46.668	42.710	31.876	19.357	12.049	11.736
160	14.302	20.944	30.955	40.300	44.180	40.536	29.976	18.554	11.990	11.657
161	14.185	20.356	29.858	38.283	41.809	38.498	28.467	17.711	11.892	11.657
162	14.047	19.729	28.741	36.304	39.497	36.519	26.900	16.908	11.814	11.579
163	13.910	19.161	27.703	34.501	37.323	34.678	25.274	16.300	11.736	11.540
164	13.734	18.632	26.684	32.718	35.265	32.914	23.256	15.850	11.638	11.540
165	13.558	18.122	25.763	31.053	33.267	31.210	22.002	15.536	11.559	11.481

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CANDELA TABULATION - (Cont.)

166	13.362	17.711	24.921	29.466	31.425	29.349	21.061	15.419	11.500	11.481
167	13.440	17.398	24.020	28.036	29.701	27.448	20.278	15.380	11.540	11.481
168	13.420	16.967	22.962	26.684	28.114	25.587	19.200	15.380	11.775	11.579
169	13.577	16.536	21.649	25.450	26.625	23.902	18.162	15.517	12.029	11.814
170	13.734	16.222	20.376	24.255	25.274	21.845	16.947	15.517	12.304	12.167
171	13.793	15.771	19.180	22.785	23.941	20.180	16.065	15.458	12.519	12.460
172	13.930	15.576	18.338	21.061	22.178	18.005	15.438	15.478	12.735	12.696
173	14.028	15.399	17.907	19.435	20.317	15.791	15.536	15.438	12.989	12.970
174	14.185	15.203	17.437	18.338	18.651	14.478	15.576	15.419	13.283	13.264
175	14.361	15.007	16.908	17.946	17.985	14.008	15.615	15.380	13.577	13.577
176	14.478	14.870	16.261	17.770	17.319	13.714	15.438	15.301	13.910	13.910
177	14.576	14.811	15.634	16.496	16.438	13.714	14.929	15.027	14.224	14.224
178	14.694	14.811	15.105	15.321	13.322	13.401	14.596	15.007	14.518	14.498
179	14.733	14.792	14.635	14.165	10.149	13.087	14.380	14.968	14.714	14.714
180	14.811	14.811	14.811	14.811	14.811	14.811	14.811	14.811	14.811	14.811

**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	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493	2499.493
1	2499.101	2500.120	2499.101	2500.257	2497.690	2497.103	2498.121
2	2499.336	2499.650	2498.043	2498.180	2496.064	2495.320	2494.928
3	2498.082	2498.200	2496.848	2495.633	2493.674	2490.696	2491.519
4	2496.848	2496.926	2495.516	2493.282	2489.423	2485.798	2486.856
5	2494.908	2493.635	2493.419	2490.833	2485.661	2480.606	2481.174
6	2491.303	2490.500	2489.364	2486.112	2479.940	2473.808	2474.827
7	2487.503	2487.248	2486.445	2480.822	2473.259	2466.304	2468.577
8	2481.723	2482.683	2481.684	2475.532	2466.402	2459.153	2459.173
9	2476.296	2477.295	2475.297	2469.674	2459.800	2450.063	2450.121
10	2469.674	2471.849	2469.694	2463.698	2452.198	2440.600	2440.678
11	2461.876	2466.265	2463.698	2455.960	2442.422	2428.178	2429.452
12	2454.490	2457.507	2455.783	2446.869	2431.294	2417.109	2418.363
13	2445.223	2450.376	2448.652	2438.640	2421.596	2404.276	2404.218
14	2435.721	2441.775	2439.209	2428.159	2410.311	2391.326	2390.856
15	2425.044	2432.645	2430.412	2418.108	2396.871	2376.593	2376.554
16	2414.013	2422.105	2420.067	2406.764	2384.273	2361.625	2360.900
17	2400.809	2412.642	2409.762	2395.656	2369.755	2345.775	2345.207
18	2389.406	2400.926	2398.928	2382.490	2355.943	2329.592	2327.280
19	2375.084	2388.799	2386.702	2368.756	2340.093	2311.940	2308.883
20	2360.684	2376.652	2373.948	2355.316	2324.831	2292.975	2289.487
21	2345.207	2362.859	2360.528	2340.897	2306.728	2274.598	2269.935
22	2329.455	2348.067	2346.696	2325.556	2290.761	2254.673	2250.245
23	2313.135	2333.706	2332.452	2310.470	2272.736	2233.886	2228.420
24	2296.541	2317.817	2317.621	2294.816	2254.340	2213.060	2206.006
25	2278.261	2302.261	2303.045	2277.634	2233.807	2190.451	2183.770
26	2259.061	2285.001	2286.216	2259.257	2213.177	2167.332	2158.614
27	2240.665	2268.289	2270.189	2242.545	2193.664	2143.841	2134.653
28	2220.015	2250.696	2252.988	2223.953	2172.308	2119.312	2109.007
29	2199.208	2232.612	2235.296	2205.497	2150.581	2094.587	2081.598
30	2178.735	2213.530	2216.488	2185.474	2127.541	2069.059	2055.678
31	2156.772	2193.997	2197.504	2164.609	2105.030	2042.708	2028.191
32	2135.260	2173.935	2178.245	2144.253	2081.363	2014.946	2000.037
33	2111.828	2153.833	2158.202	2123.172	2057.911	1988.419	1971.570
34	2087.476	2132.361	2138.493	2102.170	2033.108	1959.482	1942.025
35	2063.378	2110.241	2118.254	2079.580	2008.168	1930.721	1912.246
36	2038.574	2089.337	2097.624	2057.285	1981.542	1902.058	1881.957

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CANDELA TABULATION - (Cont.)

37	2014.006	2066.669	2075.995	2034.088	1956.798	1871.397	1850.179
38	1987.949	2043.707	2053.797	2010.969	1930.290	1841.598	1817.872
39	1962.088	2021.373	2031.600	1988.184	1903.625	1811.504	1785.839
40	1935.423	1996.961	2008.677	1964.204	1875.531	1780.118	1753.042
41	1908.602	1974.215	1985.755	1940.125	1848.709	1748.340	1719.423
42	1880.350	1949.392	1962.499	1915.047	1820.340	1716.112	1684.569
43	1852.941	1924.354	1939.381	1890.185	1793.049	1683.844	1650.224
44	1824.729	1899.041	1914.656	1865.500	1764.092	1650.087	1614.880
45	1795.126	1874.257	1890.852	1839.580	1735.762	1616.408	1579.948
46	1767.344	1848.592	1867.400	1814.953	1706.041	1583.964	1544.016
47	1738.329	1823.044	1841.891	1788.033	1675.929	1549.620	1506.792
48	1708.177	1796.967	1816.696	1761.976	1647.011	1515.040	1470.978
49	1678.064	1770.518	1790.365	1735.527	1617.290	1481.068	1433.479
50	1648.735	1744.226	1766.051	1710.018	1587.021	1446.468	1395.823
51	1618.289	1717.346	1740.327	1683.001	1556.242	1411.144	1358.462
52	1588.098	1689.349	1713.545	1655.573	1526.756	1375.938	1320.003
53	1557.731	1662.978	1688.507	1628.791	1496.820	1341.691	1281.564
54	1526.207	1636.294	1661.666	1600.970	1466.472	1305.250	1242.948
55	1495.918	1608.513	1635.001	1574.541	1436.320	1269.436	1204.156
56	1464.630	1581.104	1609.963	1547.465	1405.659	1233.622	1164.992
57	1434.165	1553.127	1582.319	1519.781	1375.036	1198.298	1124.829
58	1403.131	1525.443	1556.555	1492.235	1344.708	1161.230	1084.959
59	1372.470	1498.367	1529.303	1465.140	1314.302	1126.631	1045.129
60	1341.515	1470.567	1501.874	1437.515	1284.659	1090.954	1005.181
61	1310.520	1443.020	1475.112	1410.419	1254.194	1054.122	965.233
62	1280.094	1415.376	1449.290	1382.971	1223.885	1019.268	924.031
63	1249.668	1387.869	1422.645	1355.974	1194.615	983.336	883.339
64	1218.321	1360.460	1395.275	1328.369	1164.522	947.777	843.626
65	1188.110	1332.973	1369.179	1301.293	1135.134	912.178	802.816
66	1158.194	1305.152	1342.122	1273.962	1105.903	877.089	761.771
67	1128.296	1277.469	1315.771	1246.945	1076.711	842.588	721.353
68	1098.732	1250.824	1289.009	1220.809	1047.950	807.871	680.544
69	1069.364	1223.885	1263.422	1194.556	1019.503	774.271	639.988
70	1039.996	1196.613	1236.757	1167.206	990.644	739.966	599.100
71	1011.137	1169.792	1210.386	1141.443	962.960	706.934	559.524
72	982.748	1143.480	1185.211	1115.797	935.865	674.098	519.440
73	954.458	1117.286	1158.527	1089.269	907.457	642.379	479.825
74	926.520	1090.464	1133.723	1064.172	880.988	610.405	440.445
75	898.797	1065.054	1108.058	1037.801	854.382	579.704	401.653
76	871.839	1039.565	1082.412	1013.077	828.776	549.689	363.880
77	844.743	1013.821	1057.099	988.038	802.797	519.929	326.068
78	818.666	988.920	1032.923	963.529	777.621	491.345	289.803
79	792.746	963.901	1008.472	938.745	752.602	463.563	254.146
80	767.296	939.215	984.198	915.450	728.015	436.703	219.723
81	742.258	914.608	960.316	891.313	704.034	410.685	187.181
82	717.357	890.902	936.629	867.901	680.563	385.784	155.226
83	693.455	867.097	913.119	844.586	657.229	361.940	126.309
84	669.709	844.136	890.137	821.762	634.816	338.940	101.075
85	646.924	820.704	867.019	799.701	612.932	317.212	75.938
86	624.158	798.095	844.469	776.975	591.028	296.817	50.782
87	601.823	775.094	821.919	755.580	570.104	276.441	31.425
88	580.762	753.406	800.740	733.579	549.493	256.164	15.086
89	559.662	731.894	778.660	712.792	529.764	238.923	10.266
90	538.875	710.519	757.598	692.181	510.212	222.368	5.505
91	519.106	689.791	736.831	671.688	491.286	207.282	0.744
92	500.063	669.180	716.397	652.174	472.928	193.000	0.666

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CANDELA TABULATION - (Cont.)

93	481.157	648.961	696.099	632.681	455.002	179.951	0.705
94	462.545	629.095	676.037	613.147	437.839	167.393	0.744
95	444.971	609.934	656.661	594.398	420.873	156.147	0.803
96	427.828	591.087	637.657	576.158	404.651	145.646	0.882
97	410.920	572.494	618.692	558.075	388.801	135.733	0.980
98	394.992	554.372	600.276	540.285	373.382	127.053	1.097
99	379.456	536.778	582.075	523.025	358.786	118.884	1.254
100	364.233	519.498	564.520	506.313	344.504	111.360	1.391
101	349.539	502.277	546.927	489.699	330.613	104.405	1.528
102	335.511	485.741	530.078	473.359	317.290	98.214	1.685
103	322.032	469.696	513.425	457.725	304.615	92.356	1.881
104	308.886	453.787	497.457	442.385	291.958	86.968	2.096
105	296.425	438.799	481.588	427.495	279.321	82.168	2.331
106	283.984	423.498	465.914	412.840	266.724	77.701	2.586
107	271.543	409.118	450.809	398.577	255.674	73.528	2.821
108	259.142	394.443	435.665	384.667	245.114	69.825	3.076
109	248.464	380.513	421.069	371.011	234.965	66.338	3.311
110	238.100	366.956	407.158	358.061	225.209	63.027	3.546
111	228.010	353.849	393.091	345.229	215.805	60.069	3.801
112	218.489	340.957	379.632	332.827	206.792	57.345	4.075
113	209.359	328.615	366.407	320.543	198.054	54.779	4.349
114	200.347	316.507	353.359	308.827	189.708	52.369	4.643
115	191.844	304.791	340.840	297.405	181.773	50.234	4.918
116	183.693	293.428	328.693	285.904	174.074	48.196	5.192
117	175.876	281.222	316.820	274.404	166.727	46.237	5.447
118	168.373	269.055	305.144	262.923	159.654	44.474	5.721
119	161.261	258.926	293.937	252.716	152.875	42.828	5.995
120	154.345	248.856	282.476	242.900	146.391	41.221	6.250
121	147.742	239.021	271.014	233.339	140.160	39.772	6.505
122	141.414	229.421	259.592	224.092	134.244	38.400	6.779
123	135.380	220.174	249.542	214.943	128.444	37.087	7.033
124	129.424	211.220	239.707	206.342	122.880	35.853	7.308
125	123.879	202.404	230.067	197.741	117.669	34.736	7.582
126	118.531	194.058	220.781	189.747	112.614	33.639	7.856
127	113.261	185.888	211.690	181.676	107.697	32.601	8.150
128	108.167	177.855	202.835	173.956	103.132	31.700	8.425
129	103.406	170.273	194.489	166.668	98.704	30.779	8.699
130	98.802	162.906	186.260	159.537	94.492	29.936	8.993
131	94.335	155.638	178.071	152.503	90.456	29.172	9.267
132	90.103	148.722	170.351	145.744	86.537	28.389	9.541
133	85.989	141.963	162.789	139.337	82.834	27.664	9.835
134	82.031	135.380	155.481	133.127	79.288	27.037	10.109
135	78.152	129.052	148.330	127.073	75.977	26.469	10.403
136	74.430	122.821	141.453	121.372	72.882	25.900	10.678
137	70.746	116.826	134.773	115.827	69.786	25.411	10.971
138	67.337	111.047	128.307	110.439	66.887	24.882	11.285
139	64.026	105.541	122.195	105.365	64.124	24.353	11.598
140	60.735	100.095	116.160	100.428	61.636	23.961	11.912
141	57.600	94.805	110.322	95.687	59.187	23.608	12.225
142	54.505	89.731	104.719	91.239	56.954	23.314	12.539
143	51.448	84.735	99.350	87.027	54.896	23.118	12.852
144	48.627	80.052	94.178	82.834	52.957	22.922	13.146
145	45.865	75.507	89.104	78.975	51.017	22.727	13.420
146	43.161	70.942	84.284	75.233	49.254	22.629	13.675
147	40.575	66.730	79.621	71.510	47.530	22.491	13.832
148	38.067	62.655	75.115	68.082	45.884	22.354	13.969

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CANDELA TABULATION - (Cont.)

149	35.598	58.697	70.844	64.751	44.317	22.315	14.067
150	33.247	55.014	66.632	61.538	42.867	22.217	14.126
151	31.229	51.448	62.733	58.423	41.358	22.119	14.243
152	29.270	48.059	58.952	55.504	39.987	22.080	14.341
153	27.527	44.865	55.327	52.624	38.635	22.002	14.380
154	24.999	41.887	51.899	49.861	37.303	21.943	14.420
155	22.452	39.007	48.588	47.216	36.010	21.884	14.498
156	19.905	36.206	45.473	44.669	34.697	21.747	14.537
157	18.749	33.659	42.514	42.221	33.404	21.590	14.498
158	17.672	31.386	39.732	39.830	32.033	21.453	14.459
159	16.829	29.290	36.950	37.538	30.642	21.257	14.380
160	16.026	27.291	34.325	35.285	29.309	21.022	14.302
161	14.909	25.293	31.994	32.993	28.036	20.709	14.185
162	14.302	23.295	29.917	30.936	26.763	20.238	14.047
163	13.087	21.277	27.977	29.035	25.548	19.572	13.910
164	12.265	18.612	26.292	27.311	24.333	18.769	13.734
165	11.775	15.713	24.588	25.744	23.099	17.907	13.558
166	11.559	15.340	22.903	24.176	22.119	17.065	13.362
167	11.794	14.420	21.629	22.609	21.179	16.340	13.440
168	12.284	13.244	20.238	21.434	19.964	15.693	13.420
169	12.480	12.696	18.397	20.062	18.456	15.145	13.577
170	12.578	12.167	16.418	18.397	17.025	15.007	13.734
171	12.813	11.814	14.616	16.829	15.928	15.301	13.793
172	12.872	12.225	12.578	15.654	15.145	15.674	13.930
173	13.087	12.872	10.403	15.047	15.223	15.850	14.028
174	13.342	13.264	11.285	14.988	15.811	15.497	14.185
175	13.577	13.538	11.559	15.105	15.791	14.831	14.361
176	13.832	13.636	11.696	13.734	15.301	14.263	14.478
177	14.087	13.675	12.029	13.146	14.322	14.224	14.576
178	14.302	13.714	12.265	11.794	13.812	14.165	14.694
179	14.557	13.930	12.500	10.560	13.166	14.165	14.733
180	14.811	14.811	14.811	14.811	14.811	14.811	14.811

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	916.77	N.A.	9.60
0-30	1955.08	N.A.	20.50
0-40	3224.29	N.A.	33.80
0-60	5866.43	N.A.	61.40
0-80	7841.21	N.A.	82.10
0-90	8451.21	N.A.	88.50
10-90	8214.57	N.A.	86.00
20-40	2307.52	N.A.	24.20
20-50	3659.48	N.A.	38.30
40-70	3753.61	N.A.	39.30
60-80	1974.78	N.A.	20.70
70-80	863.31	N.A.	9.00
80-90	610.00	N.A.	6.40
90-110	695.30	N.A.	7.30
90-120	873.83	N.A.	9.10
90-130	982.77	N.A.	10.30
90-150	1078.58	N.A.	11.30
90-180	1102.06	N.A.	11.50
110-180	406.76	N.A.	4.30
0-180	9553.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	236.65
10-20	680.12
20-30	1038.3
30-40	1269.21
40-50	1351.96
50-60	1290.18
60-70	1111.47
70-80	863.31
80-90	610.00
90-100	416.92
100-110	278.38
110-120	178.53
120-130	108.93
130-140	62.57
140-150	33.25
150-160	15.85
160-170	6.16
170-180	1.47

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT70WWT35120-277V_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	32	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

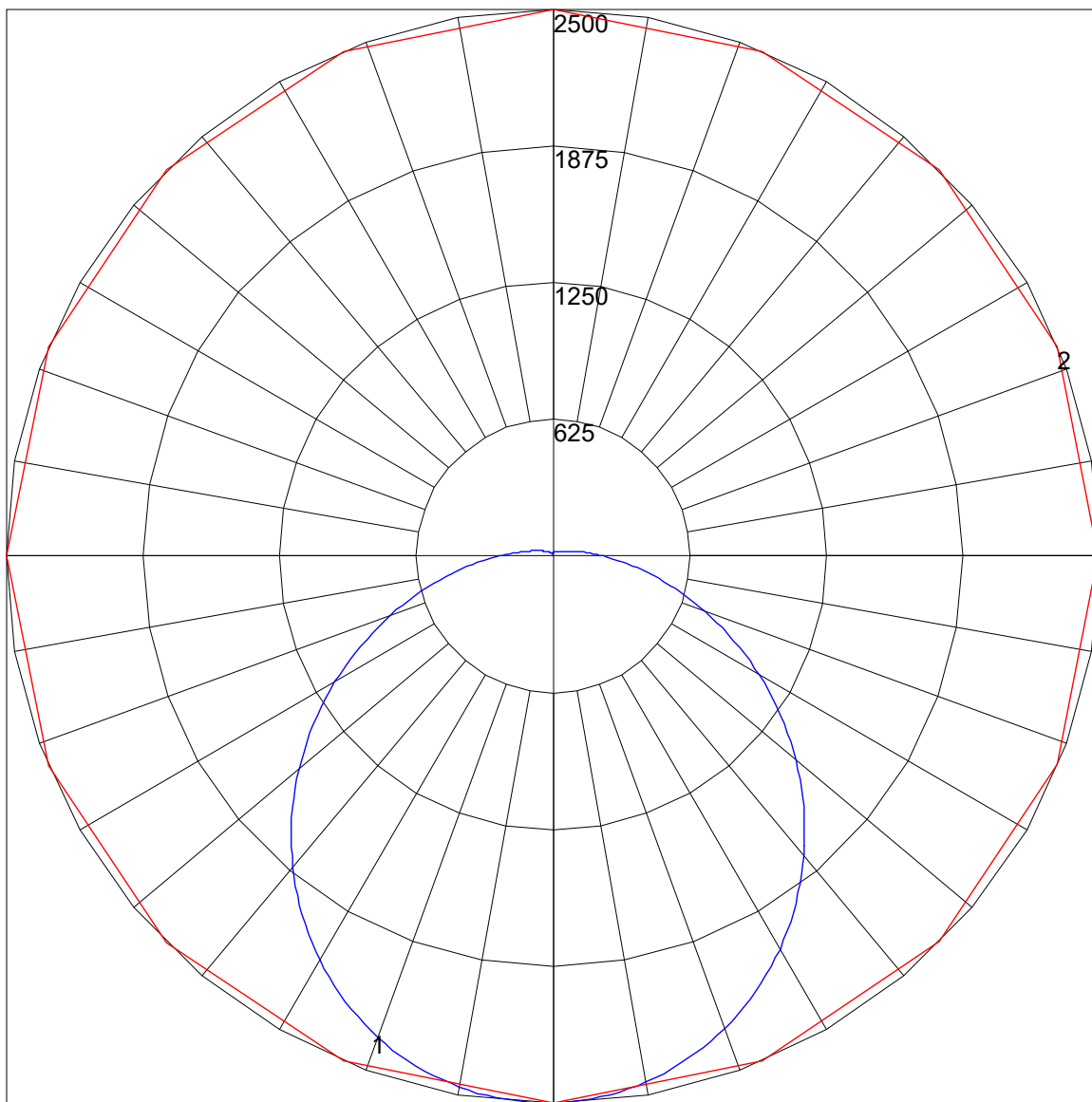
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT70WWT35120-277V_P.IES

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	16.4	17.9	16.9	18.4	19.0	19.5	21.0	20.1	21.5	22.1
	3H	17.8	19.1	18.4	19.7	20.3	22.2	23.6	22.8	24.1	24.7
	4H	18.3	19.5	18.8	20.1	20.7	23.6	24.8	24.2	25.4	26.1
	6H	18.5	19.7	19.1	20.2	20.9	25.0	26.2	25.6	26.8	27.5
	8H	18.5	19.7	19.1	20.3	20.9	25.8	26.9	26.4	27.5	28.2
	12H	18.5	19.6	19.1	20.2	20.9	26.7	27.7	27.3	28.3	29.0
4H	2H	17.5	18.7	18.0	19.3	19.9	19.9	21.2	20.5	21.7	22.4
	3H	19.1	20.2	19.7	20.8	21.5	22.8	23.9	23.4	24.5	25.2
	4H	19.7	20.7	20.3	21.3	22.0	24.3	25.3	24.9	25.9	26.6
	6H	20.1	20.9	20.7	21.6	22.3	26.0	26.8	26.6	27.5	28.2
	8H	20.2	21.0	20.8	21.6	22.3	26.8	27.7	27.5	28.3	29.0
	12H	20.2	20.9	20.9	21.6	22.3	27.8	28.6	28.5	29.2	29.9
8H	4H	20.6	21.4	21.2	22.1	22.8	24.5	25.3	25.1	26.0	26.7
	6H	21.2	21.9	21.8	22.6	23.3	26.3	27.0	27.0	27.7	28.4
	8H	21.4	22.0	22.0	22.7	23.4	27.3	27.9	28.0	28.6	29.4
	12H	21.5	22.0	22.1	22.7	23.5	28.4	29.0	29.1	29.7	30.5
12H	4H	20.9	21.6	21.5	22.3	23.0	24.5	25.3	25.2	25.9	26.7
	6H	21.6	22.2	22.3	22.9	23.7	26.3	27.0	27.0	27.6	28.4
	8H	21.9	22.4	22.5	23.1	23.9	27.4	28.0	28.1	28.6	29.4

Maximum UGR = 30.5

POLAR GRAPH



Maximum Candela = 2500.433 Located At Horizontal Angle = 202.5, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)