

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT70WWT40120-277V_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] SLSEL8HT70WWT40120-277V_P
[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10124
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
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	11210	8554	8325
55	10436	7666	7598
65	9299	6839	6970
75	7349	6126	6464
85	3563	5658	6145

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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	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892
1	2647.438	2647.584	2647.252	2647.958	2648.082	2648.830	2649.349	2649.785	2648.020	2649.826
2	2644.054	2645.051	2645.009	2645.632	2647.023	2647.854	2648.373	2649.536	2649.307	2649.888
3	2640.441	2640.981	2642.559	2643.182	2644.013	2646.068	2647.999	2648.061	2647.397	2649.183
4	2635.500	2637.410	2637.991	2639.279	2640.981	2643.390	2645.134	2647.085	2644.158	2646.733
5	2629.479	2630.434	2631.679	2635.022	2638.718	2639.549	2641.625	2643.722	2640.462	2643.556
6	2622.751	2624.599	2626.073	2629.084	2635.064	2637.306	2637.701	2639.694	2636.393	2639.071
7	2616.128	2617.083	2620.177	2623.789	2629.437	2632.053	2634.254	2634.773	2631.306	2633.880
8	2606.162	2608.155	2612.494	2617.145	2622.544	2627.548	2627.215	2629.292	2625.077	2628.773
9	2596.569	2598.999	2604.376	2611.643	2617.021	2621.672	2620.467	2622.004	2616.253	2621.173
10	2586.562	2588.493	2595.967	2603.670	2610.418	2614.363	2613.366	2614.841	2609.027	2613.159
11	2574.664	2576.014	2585.482	2594.742	2602.632	2608.010	2606.785	2606.930	2599.829	2604.189
12	2562.913	2565.425	2573.585	2585.295	2594.348	2598.230	2596.486	2595.178	2589.655	2594.327
13	2547.922	2551.078	2563.992	2575.308	2585.295	2589.531	2586.603	2584.340	2576.595	2583.240
14	2533.761	2537.229	2550.351	2564.387	2575.952	2581.184	2575.910	2574.291	2564.740	2572.733
15	2518.605	2522.716	2537.125	2553.320	2565.591	2570.283	2564.885	2561.812	2550.040	2559.860
16	2502.015	2507.185	2523.089	2540.364	2554.774	2558.303	2552.469	2547.361	2535.692	2544.973
17	2485.384	2489.059	2508.306	2526.930	2541.755	2546.427	2539.907	2532.952	2520.681	2531.415
18	2466.386	2471.452	2491.966	2515.137	2530.522	2534.031	2525.249	2517.753	2505.192	2516.051
19	2446.889	2454.530	2476.746	2500.188	2516.840	2520.141	2510.839	2500.707	2486.214	2499.004
20	2426.334	2435.470	2460.074	2486.256	2504.278	2506.271	2495.952	2483.474	2468.898	2481.211
21	2405.613	2414.894	2442.197	2469.625	2490.367	2491.301	2478.262	2464.517	2449.215	2463.500
22	2384.746	2393.612	2423.137	2454.094	2474.213	2476.726	2461.486	2445.997	2428.493	2444.709
23	2361.616	2372.496	2402.789	2437.505	2458.247	2460.261	2443.131	2425.877	2407.066	2423.676
24	2337.863	2349.906	2383.770	2419.565	2443.007	2443.256	2423.697	2405.426	2384.829	2404.492
25	2314.297	2325.551	2363.277	2401.543	2425.711	2426.625	2404.865	2382.815	2360.889	2382.421
26	2287.638	2302.919	2341.746	2382.940	2409.495	2408.395	2385.390	2360.744	2336.036	2359.789
27	2262.245	2276.364	2320.007	2364.502	2391.037	2388.919	2364.149	2337.427	2313.218	2336.451
28	2235.066	2251.531	2296.421	2345.193	2373.721	2370.108	2342.348	2313.301	2286.226	2311.557
29	2206.019	2225.100	2274.952	2324.803	2353.290	2350.591	2320.464	2288.178	2259.732	2287.430
30	2178.549	2198.710	2250.181	2304.061	2334.873	2329.703	2296.919	2261.996	2232.118	2261.580
31	2149.419	2170.826	2226.180	2282.779	2314.297	2308.982	2273.830	2234.921	2203.423	2234.734
32	2119.583	2141.716	2199.748	2261.414	2294.635	2287.659	2248.998	2208.303	2174.044	2207.991
33	2089.414	2112.648	2173.795	2239.717	2273.789	2266.231	2223.646	2179.505	2143.460	2179.816
34	2058.104	2082.998	2148.049	2216.110	2251.614	2242.998	2198.503	2150.353	2112.357	2150.582
35	2026.544	2052.560	2121.140	2193.374	2228.339	2220.200	2172.528	2120.330	2081.836	2120.745
36	1994.445	2021.374	2093.608	2168.978	2206.725	2196.779	2145.869	2089.476	2048.906	2091.096
37	1960.767	1989.545	2066.180	2144.540	2184.425	2172.362	2118.192	2058.561	2015.062	2059.349
38	1926.529	1957.237	2039.002	2120.683	2160.527	2148.339	2091.345	2026.274	1980.637	2028.807
39	1892.582	1924.453	2008.958	2095.643	2137.086	2122.282	2062.173	1993.905	1945.922	1996.147
40	1857.825	1890.609	1980.720	2069.150	2113.167	2098.778	2033.167	1960.871	1910.874	1964.110
41	1822.195	1856.849	1950.967	2044.670	2088.584	2072.264	2004.286	1926.882	1875.951	1930.080
42	1785.258	1823.067	1921.650	2018.613	2064.893	2046.186	1974.242	1892.852	1838.515	1896.340
43	1748.861	1788.456	1892.125	1992.264	2039.853	2020.108	1944.261	1858.385	1801.516	1862.226
44	1711.404	1753.408	1860.877	1965.397	2014.066	1993.012	1913.179	1821.884	1763.769	1826.431
45	1674.384	1718.298	1831.040	1938.551	1989.212	1966.685	1882.076	1787.002	1725.586	1791.799
46	1636.305	1681.942	1800.291	1912.057	1962.719	1939.008	1850.807	1749.671	1685.887	1756.190
47	1596.855	1645.877	1768.669	1883.280	1935.374	1911.165	1819.496	1712.629	1647.019	1719.647
48	1558.901	1609.085	1737.441	1855.561	1908.881	1883.384	1787.501	1675.651	1606.365	1683.541
49	1519.161	1572.729	1704.802	1827.531	1882.470	1854.627	1754.072	1638.568	1566.666	1645.835
50	1479.254	1535.605	1673.263	1799.066	1854.855	1827.552	1723.675	1599.638	1525.120	1608.317
51	1439.659	1498.605	1641.143	1770.932	1827.905	1798.027	1690.081	1561.475	1483.988	1570.487
52	1398.902	1460.360	1608.545	1742.134	1800.644	1769.582	1657.857	1522.524	1441.881	1532.760
53	1358.165	1422.447	1576.113	1713.169	1772.510	1740.826	1624.740	1484.424	1399.691	1494.743

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54	1317.241	1385.136	1543.765	1684.184	1745.186	1711.384	1592.142	1444.456	1357.314	1456.228
55	1276.131	1347.140	1511.852	1655.407	1717.613	1683.084	1558.693	1405.587	1314.521	1418.045
56	1234.626	1308.708	1479.711	1626.546	1690.538	1653.310	1525.161	1366.304	1271.417	1379.509
57	1192.062	1270.711	1447.674	1598.807	1663.318	1623.245	1492.584	1326.792	1227.255	1340.309
58	1149.809	1231.885	1415.055	1569.677	1634.706	1594.945	1459.010	1287.093	1183.632	1301.233
59	1107.598	1193.868	1383.413	1541.418	1607.175	1566.355	1425.831	1246.855	1139.469	1261.472
60	1065.262	1155.560	1351.417	1512.018	1578.709	1537.328	1392.424	1206.367	1095.016	1222.479
61	1022.927	1117.938	1319.525	1483.739	1550.388	1507.097	1359.867	1167.188	1050.625	1183.154
62	979.262	1079.319	1286.865	1454.256	1521.839	1477.614	1327.311	1127.157	1005.652	1143.850
63	936.138	1041.240	1254.641	1425.707	1493.913	1448.401	1294.049	1087.375	960.617	1104.899
64	894.051	1004.427	1224.306	1397.158	1465.468	1419.436	1261.763	1048.237	915.271	1065.906
65	850.802	966.472	1192.767	1367.923	1438.019	1390.534	1229.206	1008.580	870.465	1027.848
66	807.304	929.016	1161.623	1339.021	1410.093	1361.445	1196.982	969.296	824.952	988.959
67	764.470	891.684	1130.666	1311.324	1381.835	1331.817	1164.924	930.054	779.419	950.277
68	721.221	855.806	1099.708	1283.896	1353.805	1304.078	1133.427	892.619	733.658	912.759
69	678.242	820.073	1069.955	1256.157	1326.065	1275.217	1102.200	854.145	689.661	875.095
70	634.909	784.132	1039.786	1227.774	1299.074	1246.751	1071.491	816.647	644.211	837.971
71	592.968	748.877	1009.991	1200.242	1271.604	1219.012	1040.575	778.859	599.384	801.573
72	550.487	713.975	981.048	1173.084	1244.654	1190.774	1010.220	743.396	555.200	765.591
73	508.505	680.027	952.416	1146.051	1218.700	1163.596	980.051	706.874	511.287	729.609
74	466.771	647.035	924.116	1119.329	1191.626	1136.355	950.776	672.469	467.747	694.790
75	425.661	614.146	896.107	1092.607	1165.340	1109.446	921.334	636.861	425.287	660.988
76	385.630	582.753	868.804	1066.550	1139.241	1082.558	893.034	604.097	383.657	627.269
77	345.557	551.463	841.791	1040.118	1112.747	1055.379	865.253	571.686	342.609	594.339
78	307.125	521.336	814.695	1014.705	1087.084	1029.280	837.493	539.649	301.561	562.301
79	269.337	492.144	789.095	988.959	1061.733	1003.368	809.920	508.650	260.616	531.738
80	232.856	463.989	763.349	963.794	1035.966	977.477	783.136	479.021	223.367	501.902
81	198.369	436.810	738.558	939.273	1011.030	952.250	757.556	450.244	187.219	473.228
82	164.505	410.213	713.663	914.150	986.135	927.064	731.561	422.380	153.978	445.323
83	133.859	385.734	689.703	890.231	961.988	902.543	706.977	395.845	122.397	418.020
84	107.116	361.545	666.614	866.603	937.570	877.960	682.643	371.033	93.288	392.627
85	80.477	338.290	643.360	843.411	914.274	854.083	658.745	346.762	67.687	368.189
86	53.817	316.946	621.144	819.907	890.792	830.641	635.615	323.694	48.378	344.851
87	33.304	296.598	599.176	797.400	867.496	807.428	612.651	302.017	29.089	322.386
88	15.987	276.874	577.811	775.474	844.449	784.880	590.871	281.877	10.028	300.709
89	10.880	258.353	556.882	752.760	822.170	762.560	569.257	262.568	1.412	279.054
90	5.834	241.369	536.825	731.748	799.725	740.613	548.245	244.795	0.394	260.865
91	0.789	225.236	517.225	710.486	778.257	718.729	527.897	228.060	0.415	243.300
92	0.706	209.913	498.102	689.142	756.269	697.593	508.131	212.218	0.436	227.209
93	0.747	196.210	479.686	669.251	735.547	676.954	489.403	197.933	0.478	211.782
94	0.789	183.067	461.477	649.007	714.680	656.420	470.052	184.229	0.519	197.455
95	0.851	170.962	444.015	629.303	694.084	636.591	452.258	171.772	0.581	184.603
96	0.934	159.688	427.073	610.139	674.525	617.116	434.838	160.497	0.623	172.187
97	1.038	149.431	410.483	591.390	654.987	597.744	417.895	149.721	0.706	160.767
98	1.163	139.901	394.537	572.911	635.345	578.663	401.368	139.901	0.831	150.469
99	1.329	131.429	379.380	554.889	616.596	560.682	385.339	131.450	0.955	140.959
100	1.474	123.020	364.202	537.178	598.117	542.494	370.244	123.041	1.121	132.177
101	1.620	114.591	349.917	519.820	579.784	524.824	355.316	114.653	1.308	123.830
102	1.786	107.926	336.027	503.169	561.679	508.027	340.948	107.739	1.516	116.542
103	1.993	101.759	322.552	486.517	544.715	490.815	327.307	101.614	1.765	109.566
104	2.222	96.029	309.409	470.135	527.544	474.827	314.185	95.862	2.014	103.171
105	2.471	90.859	297.076	454.376	510.519	458.861	301.374	90.672	2.284	97.440
106	2.741	86.104	285.116	438.928	493.908	442.873	289.020	85.855	2.554	92.063
107	2.990	81.764	273.427	423.958	478.149	427.799	277.330	81.557	2.845	87.100
108	3.260	77.716	262.319	409.196	462.141	412.725	265.869	77.633	3.114	82.512
109	3.509	74.082	251.667	395.077	447.109	398.565	255.010	73.916	3.405	78.359

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110	3.758	70.656	241.410	381.207	432.242	384.592	244.587	70.552	3.675	74.477
111	4.028	67.521	231.548	367.504	417.355	370.577	234.413	67.500	3.966	70.843
112	4.319	64.656	221.976	354.215	403.154	357.330	224.862	64.656	4.256	67.563
113	4.609	61.977	212.882	341.550	389.097	344.353	215.706	61.998	4.547	64.448
114	4.921	59.548	204.183	329.155	375.207	331.729	206.882	59.610	4.817	61.541
115	5.211	57.243	195.794	316.842	362.168	319.521	198.431	57.409	5.087	58.884
116	5.502	55.167	187.759	305.215	349.481	307.748	190.292	55.354	5.357	56.434
117	5.772	53.236	180.326	293.795	336.733	296.245	182.651	53.381	5.627	54.108
118	6.063	51.388	172.831	282.708	324.524	284.950	174.990	51.637	5.897	51.907
119	6.353	49.665	165.750	272.140	312.648	274.278	167.993	49.976	6.208	49.914
120	6.623	48.108	159.127	261.654	300.917	263.668	161.183	48.398	6.478	48.004
121	6.893	46.613	152.587	251.543	289.726	253.515	154.538	46.903	6.769	46.156
122	7.184	45.222	146.462	241.826	278.659	243.798	148.372	45.575	7.059	44.516
123	7.454	43.893	140.544	232.462	268.174	234.206	142.351	44.287	7.329	42.958
124	7.745	42.647	134.980	223.098	257.668	224.925	136.516	43.021	7.620	41.422
125	8.035	41.484	129.436	214.253	247.743	215.748	130.993	41.879	7.890	40.010
126	8.326	40.405	123.872	205.761	238.026	207.318	125.491	40.820	8.160	38.764
127	8.637	39.366	118.328	197.331	228.454	198.909	119.968	39.782	8.430	37.415
128	8.928	38.391	113.615	189.233	219.173	190.770	115.089	38.806	8.679	36.169
129	9.219	37.456	109.109	181.551	210.308	182.984	110.563	37.913	8.928	35.006
130	9.530	36.564	104.749	174.118	201.753	175.426	106.223	37.041	9.198	33.885
131	9.821	35.733	100.576	166.872	193.344	168.159	101.967	36.190	9.447	32.785
132	10.112	34.902	96.610	159.916	185.247	161.099	97.918	35.401	9.717	31.747
133	10.423	34.134	92.789	153.189	177.502	154.372	94.035	34.653	9.966	30.729
134	10.714	33.408	89.135	146.586	169.861	147.666	90.381	33.947	10.195	29.629
135	11.025	32.743	85.668	140.357	162.657	141.375	86.893	33.262	10.444	28.632
136	11.316	32.079	82.325	133.983	155.701	135.312	83.425	32.619	10.672	27.656
137	11.627	31.456	79.107	128.232	148.766	129.415	80.207	31.996	10.880	26.701
138	11.959	30.895	76.075	122.522	142.184	123.519	77.155	31.435	11.108	25.746
139	12.292	30.355	73.148	116.791	135.852	117.622	74.207	30.895	11.295	24.791
140	12.624	29.878	70.345	111.663	129.727	112.452	71.362	30.376	11.482	23.483
141	12.956	29.359	67.646	106.701	123.602	107.469	68.621	29.919	11.648	21.386
142	13.288	28.902	65.113	102.050	117.497	102.735	66.005	29.442	11.835	21.261
143	13.620	28.466	62.621	97.565	112.078	98.146	63.493	29.006	12.042	20.555
144	13.932	28.030	60.254	93.163	106.908	93.745	61.147	28.591	12.250	19.849
145	14.223	27.615	58.032	88.948	101.884	89.550	58.801	28.175	12.416	19.081
146	14.493	27.241	55.811	84.920	97.067	85.481	56.620	27.698	12.562	18.458
147	14.659	26.867	53.693	80.975	92.395	81.515	54.440	27.054	12.645	17.939
148	14.804	26.473	51.679	77.280	87.931	77.778	52.385	26.307	12.665	17.379
149	14.908	26.120	49.727	73.646	83.654	74.144	50.392	25.725	12.686	16.818
150	14.970	25.788	47.859	70.199	79.584	70.677	48.523	25.497	12.707	16.237
151	15.095	25.435	46.073	66.898	75.702	67.334	46.654	24.729	12.728	15.344
152	15.198	25.123	44.350	63.742	71.881	64.137	44.910	24.230	12.748	14.285
153	15.240	24.853	42.668	60.711	68.268	61.064	43.270	24.230	12.769	13.351
154	15.282	24.583	41.131	57.783	64.801	58.178	41.650	23.753	12.790	12.582
155	15.365	24.334	39.636	55.022	61.458	55.333	40.093	23.254	12.811	12.105
156	15.406	24.064	38.141	52.323	58.261	52.696	38.619	23.130	12.811	12.167
157	15.365	23.732	36.750	49.748	55.188	50.101	37.186	22.549	12.811	12.479
158	15.323	23.317	35.401	47.319	52.343	47.630	35.671	21.448	12.790	12.499
159	15.240	22.798	34.093	44.972	49.457	45.263	33.781	20.514	12.769	12.437
160	15.157	22.196	32.805	42.709	46.820	42.958	31.767	19.662	12.707	12.354
161	15.032	21.573	31.643	40.571	44.308	40.799	30.169	18.770	12.603	12.354
162	14.887	20.908	30.459	38.474	41.858	38.702	28.507	17.918	12.520	12.271
163	14.742	20.306	29.359	36.564	39.553	36.750	26.784	17.275	12.437	12.229
164	14.555	19.746	28.279	34.674	37.373	34.882	24.646	16.797	12.333	12.229
165	14.368	19.206	27.303	32.909	35.255	33.075	23.317	16.465	12.250	12.167

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CANDELA TABULATION - (Cont.)

166	14.160	18.770	26.410	31.227	33.304	31.103	22.320	16.340	12.188	12.167
167	14.243	18.437	25.455	29.712	31.477	29.089	21.490	16.299	12.229	12.167
168	14.223	17.981	24.334	28.279	29.795	27.116	20.348	16.299	12.479	12.271
169	14.389	17.524	22.943	26.971	28.217	25.331	19.247	16.444	12.748	12.520
170	14.555	17.192	21.593	25.704	26.784	23.151	17.960	16.444	13.039	12.894
171	14.617	16.714	20.327	24.147	25.372	21.386	17.026	16.382	13.268	13.205
172	14.762	16.507	19.434	22.320	23.504	19.081	16.361	16.403	13.496	13.454
173	14.866	16.320	18.977	20.597	21.531	16.735	16.465	16.361	13.766	13.745
174	15.032	16.112	18.479	19.434	19.766	15.344	16.507	16.340	14.077	14.056
175	15.219	15.904	17.918	19.019	19.060	14.845	16.548	16.299	14.389	14.389
176	15.344	15.759	17.233	18.832	18.354	14.534	16.361	16.216	14.742	14.742
177	15.448	15.697	16.569	17.482	17.420	14.534	15.821	15.925	15.074	15.074
178	15.572	15.697	16.008	16.237	14.119	14.202	15.468	15.904	15.385	15.365
179	15.614	15.676	15.510	15.012	10.755	13.870	15.240	15.863	15.593	15.593
180	15.697	15.697	15.697	15.697	15.697	15.697	15.697	15.697	15.697	15.697

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	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892	2648.892
1	2648.477	2649.556	2648.477	2649.702	2646.982	2646.359	2647.438
2	2648.726	2649.058	2647.355	2647.501	2645.258	2644.469	2644.054
3	2647.397	2647.522	2646.089	2644.802	2642.725	2639.569	2640.441
4	2646.089	2646.172	2644.677	2642.310	2638.220	2634.379	2635.500
5	2644.033	2642.684	2642.455	2639.715	2634.233	2628.876	2629.479
6	2640.213	2639.362	2638.157	2634.711	2628.170	2621.672	2622.751
7	2636.185	2635.915	2635.064	2629.105	2621.090	2613.719	2616.128
8	2630.060	2631.077	2630.018	2623.499	2613.823	2606.141	2606.162
9	2624.309	2625.367	2623.250	2617.291	2606.826	2596.507	2596.569
10	2617.291	2619.595	2617.311	2610.958	2598.770	2586.479	2586.562
11	2609.027	2613.678	2610.958	2602.757	2588.409	2573.315	2574.664
12	2601.199	2604.397	2602.570	2593.123	2576.616	2561.584	2562.913
13	2591.379	2596.839	2595.012	2584.402	2566.338	2547.984	2547.922
14	2581.309	2587.724	2585.004	2573.294	2554.379	2534.260	2533.761
15	2569.993	2578.049	2575.682	2562.643	2540.136	2518.646	2518.605
16	2558.303	2566.878	2564.719	2550.621	2526.785	2502.783	2502.015
17	2544.309	2556.850	2553.798	2538.848	2511.400	2485.986	2485.384
18	2532.225	2544.434	2542.316	2524.896	2496.762	2468.836	2466.386
19	2517.047	2531.581	2529.360	2510.341	2479.965	2450.128	2446.889
20	2501.787	2518.708	2515.843	2496.098	2463.790	2430.030	2426.334
21	2485.384	2504.091	2501.620	2480.816	2444.605	2410.554	2405.613
22	2468.690	2488.415	2486.962	2464.559	2427.684	2389.438	2384.746
23	2451.395	2473.196	2471.867	2448.571	2408.582	2367.409	2361.616
24	2433.809	2456.357	2456.150	2431.982	2389.085	2345.338	2337.863
25	2414.437	2439.872	2440.702	2413.773	2367.326	2321.378	2314.297
26	2394.089	2421.579	2422.867	2394.297	2345.463	2296.877	2287.638
27	2374.593	2403.869	2405.883	2376.586	2324.783	2271.983	2262.245
28	2352.709	2385.224	2387.653	2356.882	2302.151	2245.987	2235.066
29	2330.659	2366.059	2368.904	2337.323	2279.125	2219.785	2206.019
30	2308.961	2345.836	2348.971	2316.104	2254.708	2192.730	2178.549
31	2285.686	2325.136	2328.852	2293.991	2230.851	2164.804	2149.419
32	2262.888	2303.874	2308.442	2272.419	2205.770	2135.383	2119.583
33	2238.056	2282.572	2287.202	2250.078	2180.916	2107.270	2089.414
34	2212.248	2259.815	2266.314	2227.820	2154.631	2076.603	2058.104
35	2186.709	2236.374	2244.866	2203.880	2128.199	2046.124	2026.544
36	2160.423	2214.220	2223.003	2180.252	2099.983	2015.747	1994.445

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CANDELA TABULATION - (Cont.)

37	2134.387	2190.197	2200.081	2155.669	2073.759	1983.253	1960.767
38	2106.772	2165.863	2176.556	2131.168	2045.667	1951.673	1926.529
39	2079.365	2142.194	2153.032	2107.021	2017.408	1919.781	1892.582
40	2051.107	2116.323	2128.739	2081.607	1987.634	1886.519	1857.825
41	2022.682	2092.217	2104.447	2056.090	1959.210	1852.841	1822.195
42	1992.742	2065.911	2079.801	2029.513	1929.145	1818.686	1785.258
43	1963.695	2039.376	2055.301	2003.165	1900.222	1784.490	1748.861
44	1933.796	2012.550	2029.098	1977.004	1869.535	1748.715	1711.404
45	1902.423	1986.285	2003.871	1949.534	1839.512	1713.024	1674.384
46	1872.982	1959.085	1979.018	1923.435	1808.014	1678.641	1636.305
47	1842.232	1932.011	1951.984	1894.907	1776.102	1642.243	1596.855
48	1810.278	1904.375	1925.283	1867.292	1745.456	1605.597	1558.901
49	1778.365	1876.345	1897.378	1839.263	1713.958	1569.594	1519.161
50	1747.283	1848.481	1871.611	1812.229	1681.880	1532.926	1479.254
51	1715.017	1819.995	1844.349	1783.597	1649.261	1495.491	1439.659
52	1683.022	1790.324	1815.967	1754.529	1618.013	1458.180	1398.902
53	1650.839	1762.377	1789.432	1726.146	1586.287	1421.886	1358.165
54	1617.431	1734.098	1760.986	1696.663	1554.125	1383.267	1317.241
55	1585.332	1704.657	1732.728	1668.654	1522.171	1345.313	1276.131
56	1552.174	1675.609	1706.193	1639.959	1489.677	1307.358	1234.626
57	1519.887	1645.960	1676.897	1610.621	1457.225	1269.922	1192.062
58	1486.999	1616.622	1649.593	1581.429	1425.084	1230.639	1149.809
59	1454.505	1587.927	1620.712	1552.713	1392.860	1193.972	1107.598
60	1421.699	1558.465	1591.644	1523.438	1361.445	1156.162	1065.262
61	1388.853	1529.272	1563.282	1494.723	1329.159	1117.128	1022.927
62	1356.608	1499.976	1535.916	1465.634	1297.039	1080.191	979.262
63	1324.363	1470.825	1507.679	1437.022	1266.019	1042.112	936.138
64	1291.142	1441.777	1478.673	1407.768	1234.127	1004.427	894.051
65	1259.126	1412.647	1451.017	1379.073	1202.983	966.701	850.802
66	1227.421	1383.163	1422.343	1350.109	1172.005	929.514	807.304
67	1195.737	1353.825	1394.417	1321.477	1141.068	892.951	764.470
68	1164.405	1325.588	1366.055	1293.779	1110.588	856.159	721.221
69	1133.282	1297.039	1338.938	1265.957	1080.440	820.551	678.242
70	1102.158	1268.137	1310.680	1236.972	1049.856	784.195	634.909
71	1071.574	1239.712	1282.733	1209.669	1020.518	749.188	592.968
72	1041.489	1211.828	1256.053	1182.490	991.803	714.390	550.487
73	1011.507	1184.068	1227.774	1154.377	961.697	680.775	508.505
74	981.899	1155.643	1201.488	1127.780	933.646	646.890	466.771
75	952.520	1128.714	1174.288	1099.833	905.450	614.354	425.661
76	923.950	1101.701	1147.110	1073.630	878.313	582.545	385.630
77	895.235	1074.419	1120.284	1047.095	850.781	551.006	345.557
78	867.599	1048.029	1094.663	1021.120	824.101	520.713	307.125
79	840.130	1021.515	1068.751	994.855	797.587	491.271	269.337
80	813.159	995.354	1043.025	970.168	771.529	462.805	232.856
81	786.624	969.275	1017.715	944.588	746.116	435.232	198.369
82	760.234	944.152	992.613	919.777	721.242	408.843	164.505
83	734.904	918.925	967.697	895.069	696.513	383.574	133.859
84	709.739	894.591	943.343	870.880	672.760	359.199	107.116
85	685.592	869.759	918.842	847.501	649.568	336.172	80.477
86	661.465	845.798	894.944	823.416	626.355	314.558	53.817
87	637.795	821.423	871.046	800.743	604.180	292.965	33.304
88	615.475	798.438	848.601	777.426	582.338	271.475	15.987
89	593.114	775.640	825.202	755.397	561.429	253.204	10.880
90	571.084	752.988	802.881	733.554	540.708	235.659	5.834
91	550.134	731.021	780.873	711.836	520.651	219.672	0.789
92	529.953	709.178	759.217	691.156	501.196	204.536	0.706

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CANDELA TABULATION - (Cont.)

93	509.917	687.751	737.707	670.497	482.198	190.707	0.747
94	490.192	666.697	716.445	649.796	464.010	177.398	0.789
95	471.567	646.391	695.911	629.926	446.029	165.480	0.851
96	453.400	626.417	675.771	610.596	428.837	154.352	0.934
97	435.481	606.713	655.672	591.432	412.040	143.846	1.038
98	418.601	587.508	636.155	572.579	395.700	134.648	1.163
99	402.136	568.862	616.866	554.287	380.231	125.989	1.329
100	386.003	550.550	598.263	536.576	365.095	118.016	1.474
101	370.431	532.299	579.618	518.969	350.374	110.646	1.620
102	355.565	514.775	561.762	501.653	336.255	104.085	1.786
103	341.280	497.770	544.113	485.084	322.822	97.876	1.993
104	327.348	480.911	527.191	468.827	309.409	92.167	2.222
105	314.143	465.027	510.373	453.047	296.017	87.080	2.471
106	300.959	448.811	493.763	437.516	282.666	82.346	2.741
107	287.774	433.571	477.755	422.401	270.956	77.923	2.990
108	274.631	418.020	461.705	407.659	259.765	73.999	3.260
109	263.315	403.257	446.237	393.187	249.010	70.303	3.509
110	252.332	388.889	431.495	379.463	238.670	66.794	3.758
111	241.639	374.999	416.587	365.863	228.704	63.659	4.028
112	231.548	361.337	402.323	352.720	219.153	60.773	4.319
113	221.873	348.256	388.308	339.702	209.892	58.053	4.609
114	212.322	335.425	374.480	327.286	201.047	55.499	4.921
115	203.311	323.009	361.213	315.181	192.638	53.236	5.211
116	194.673	310.966	348.340	302.993	184.479	51.077	5.502
117	186.389	298.031	335.757	290.805	176.692	49.000	5.772
118	178.437	285.137	323.382	278.638	169.197	47.132	6.063
119	170.900	274.403	311.506	267.821	162.013	45.388	6.353
120	163.570	263.731	299.360	257.419	155.141	43.685	6.623
121	156.573	253.308	287.213	247.286	148.538	42.149	6.893
122	149.867	243.134	275.109	237.486	142.268	40.695	7.184
123	143.472	233.334	264.457	227.790	136.122	39.304	7.454
124	137.160	223.845	254.034	218.675	130.225	37.996	7.745
125	131.284	214.502	243.819	209.560	124.702	36.813	8.035
126	125.616	205.657	233.977	201.089	119.345	35.650	8.326
127	120.030	196.999	224.343	192.535	114.134	34.549	8.637
128	114.632	188.486	214.959	184.354	109.296	33.594	8.928
129	109.587	180.451	206.114	176.630	104.604	32.619	9.219
130	104.707	172.644	197.393	169.072	100.140	31.726	9.530
131	99.973	164.941	188.714	161.619	95.862	30.916	9.821
132	95.489	157.611	180.534	154.455	91.710	30.085	10.112
133	91.128	150.448	172.519	147.666	87.786	29.317	10.423
134	86.934	143.472	164.775	141.084	84.028	28.653	10.714
135	82.823	136.765	157.196	134.668	80.519	28.051	11.025
136	78.878	130.163	149.908	128.626	77.238	27.449	11.316
137	74.975	123.809	142.828	122.750	73.958	26.930	11.627
138	71.362	117.684	135.976	117.041	70.885	26.369	11.959
139	67.853	111.850	129.498	111.663	67.957	25.808	12.292
140	64.365	106.078	123.103	106.431	65.320	25.393	12.624
141	61.043	100.472	116.916	101.406	62.725	25.019	12.956
142	57.762	95.094	110.978	96.693	60.358	24.708	13.288
143	54.523	89.800	105.289	92.229	58.178	24.500	13.620
144	51.534	84.837	99.807	87.786	56.122	24.293	13.932
145	48.606	80.020	94.430	83.695	54.067	24.085	14.223
146	45.741	75.183	89.322	79.730	52.198	23.981	14.493
147	43.000	70.719	84.381	75.785	50.371	23.836	14.659
148	40.342	66.400	79.605	72.151	48.627	23.690	14.804

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CANDELA TABULATION - (Cont.)

149	37.726	62.206	75.079	68.621	46.966	23.649	14.908
150	35.235	58.302	70.615	65.216	45.429	23.545	14.970
151	33.096	54.523	66.483	61.915	43.831	23.441	15.095
152	31.020	50.931	62.476	58.821	42.377	23.400	15.198
153	29.172	47.547	58.634	55.769	40.944	23.317	15.240
154	26.493	44.391	55.001	52.842	39.533	23.254	15.282
155	23.794	41.339	51.492	50.039	38.162	23.192	15.365
156	21.095	38.370	48.191	47.339	36.771	23.047	15.406
157	19.870	35.671	45.056	44.744	35.401	22.881	15.365
158	18.728	33.262	42.107	42.211	33.947	22.735	15.323
159	17.835	31.041	39.159	39.782	32.473	22.528	15.240
160	16.984	28.923	36.377	37.394	31.061	22.279	15.157
161	15.801	26.805	33.906	34.965	29.712	21.946	15.032
162	15.157	24.687	31.705	32.785	28.362	21.448	14.887
163	13.870	22.549	29.649	30.771	27.075	20.742	14.742
164	12.998	19.725	27.864	28.944	25.788	19.891	14.555
165	12.479	16.652	26.057	27.282	24.479	18.977	14.368
166	12.250	16.257	24.272	25.621	23.441	18.085	14.160
167	12.499	15.282	22.922	23.960	22.445	17.316	14.243
168	13.018	14.036	21.448	22.715	21.157	16.631	14.223
169	13.226	13.454	19.496	21.261	19.559	16.050	14.389
170	13.330	12.894	17.399	19.496	18.043	15.904	14.555
171	13.579	12.520	15.489	17.835	16.880	16.216	14.617
172	13.641	12.956	13.330	16.590	16.050	16.610	14.762
173	13.870	13.641	11.025	15.946	16.133	16.797	14.866
174	14.140	14.056	11.959	15.884	16.756	16.423	15.032
175	14.389	14.347	12.250	16.008	16.735	15.718	15.219
176	14.659	14.451	12.395	14.555	16.216	15.115	15.344
177	14.929	14.493	12.748	13.932	15.178	15.074	15.448
178	15.157	14.534	12.998	12.499	14.638	15.012	15.572
179	15.427	14.762	13.247	11.191	13.953	15.012	15.614
180	15.697	15.697	15.697	15.697	15.697	15.697	15.697

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	971.57	N.A.	9.60
0-30	2071.93	N.A.	20.50
0-40	3417.01	N.A.	33.80
0-60	6217.08	N.A.	61.40
0-80	8309.9	N.A.	82.10
0-90	8956.36	N.A.	88.50
10-90	8705.57	N.A.	86.00
20-40	2445.44	N.A.	24.20
20-50	3878.21	N.A.	38.30
40-70	3977.97	N.A.	39.30
60-80	2092.82	N.A.	20.70
70-80	914.91	N.A.	9.00
80-90	646.46	N.A.	6.40
90-110	736.86	N.A.	7.30
90-120	926.06	N.A.	9.10
90-130	1041.51	N.A.	10.30
90-150	1143.05	N.A.	11.30
90-180	1167.94	N.A.	11.50
110-180	431.07	N.A.	4.30
0-180	10124.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	250.79
10-20	720.78
20-30	1100.37
30-40	1345.08
40-50	1432.77
50-60	1367.3
60-70	1177.91
70-80	914.91
80-90	646.46
90-100	441.84
100-110	295.02
110-120	189.20
120-130	115.45
130-140	66.31
140-150	35.23
150-160	16.79
160-170	6.53
170-180	1.56

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT70WWT40120-277V_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

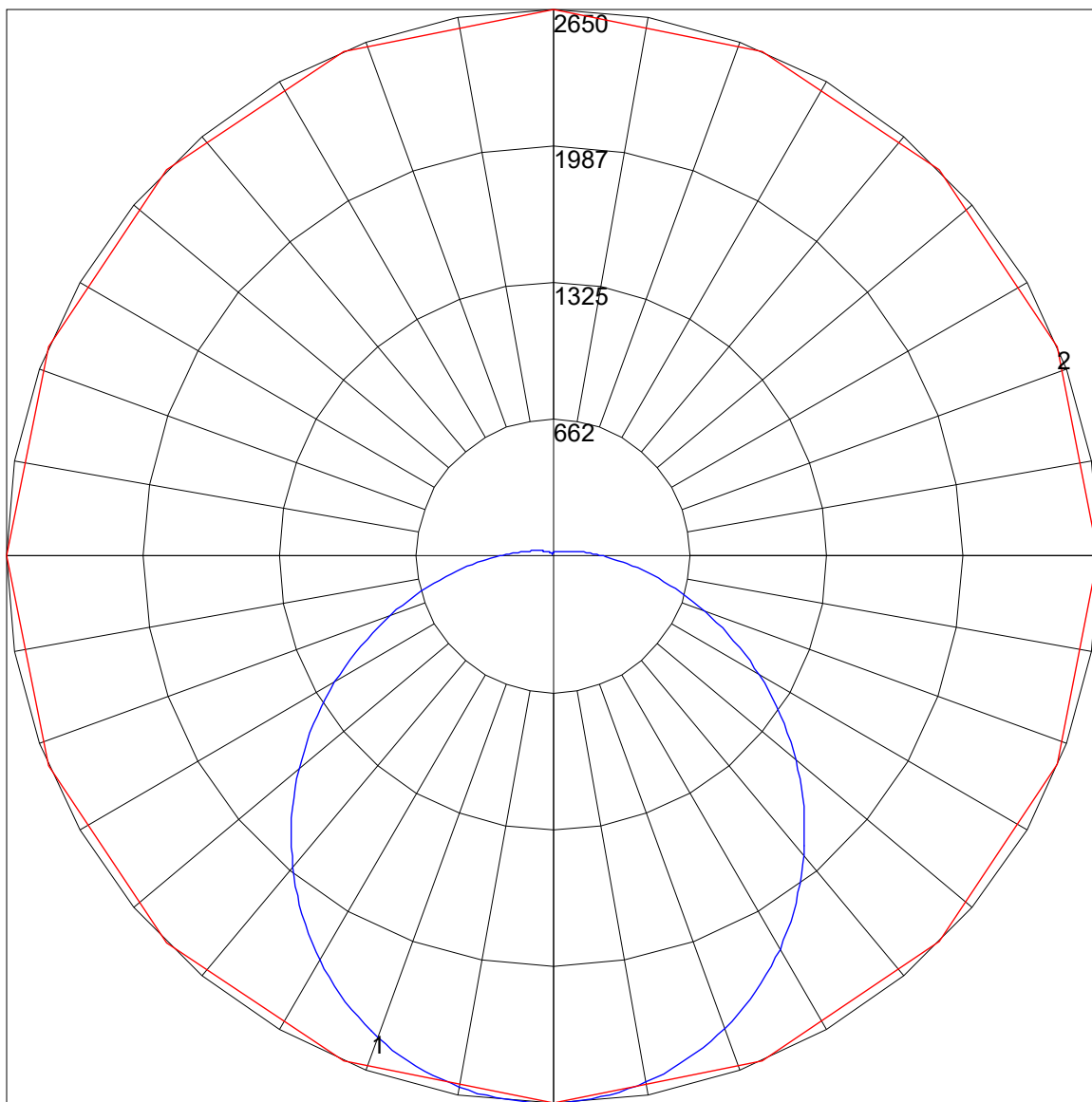
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT70WWT40120-277V_P.IES

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	16.6	18.1	17.1	18.6	19.2	19.7	21.2	20.3	21.7	22.3
	3H	18.0	19.3	18.6	19.9	20.5	22.4	23.8	23.0	24.3	24.9
	4H	18.5	19.7	19.0	20.3	20.9	23.8	25.0	24.4	25.6	26.3
	6H	18.7	19.9	19.3	20.4	21.1	25.2	26.4	25.8	27.0	27.7
	8H	18.7	19.9	19.3	20.5	21.1	26.0	27.1	26.6	27.7	28.4
	12H	18.7	19.8	19.3	20.4	21.1	26.9	27.9	27.5	28.5	29.2
4H	2H	17.7	18.9	18.2	19.5	20.1	20.1	21.4	20.7	21.9	22.6
	3H	19.3	20.4	19.9	21.0	21.7	23.0	24.1	23.6	24.7	25.4
	4H	19.9	20.9	20.5	21.5	22.2	24.5	25.5	25.1	26.1	26.8
	6H	20.3	21.1	20.9	21.8	22.5	26.2	27.0	26.8	27.7	28.4
	8H	20.4	21.2	21.0	21.8	22.5	27.0	27.9	27.7	28.5	29.2
	12H	20.4	21.1	21.1	21.8	22.5	28.0	28.8	28.7	29.4	30.1
8H	4H	20.8	21.6	21.4	22.3	23.0	24.7	25.5	25.3	26.2	26.9
	6H	21.4	22.1	22.0	22.8	23.5	26.5	27.2	27.2	27.9	28.6
	8H	21.6	22.2	22.2	22.9	23.6	27.5	28.1	28.2	28.8	29.6
	12H	21.7	22.2	22.3	22.9	23.7	28.6	29.2	29.3	29.9	30.7
12H	4H	21.1	21.8	21.7	22.5	23.2	24.7	25.5	25.4	26.1	26.9
	6H	21.8	22.4	22.5	23.1	23.9	26.5	27.2	27.2	27.8	28.6
	8H	22.1	22.6	22.7	23.3	24.1	27.6	28.2	28.3	28.8	29.6

Maximum UGR = 30.7

POLAR GRAPH



Maximum Candela = 2649.888 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.)