

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL8HT60WWT40120-277V_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] SLSEL8HT60WWT40120-277V_P
[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8484
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
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	9371	7158	6978
55	8708	6415	6371
65	7745	5719	5843
75	6085	5123	5418
85	2778	4733	5149

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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	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155
1	2219.568	2218.903	2218.903	2219.353	2219.490	2219.353	2219.803	2222.346	2220.663	2220.546
2	2217.240	2217.064	2216.848	2216.888	2218.961	2218.609	2220.292	2221.309	2220.487	2222.248
3	2214.286	2212.662	2213.796	2214.990	2216.340	2217.435	2218.883	2220.507	2220.644	2220.781
4	2209.121	2208.788	2209.884	2211.507	2214.286	2215.107	2217.709	2220.057	2218.101	2218.140
5	2203.956	2203.975	2206.264	2208.260	2211.586	2211.781	2215.381	2217.592	2215.401	2215.420
6	2198.849	2198.595	2201.021	2204.367	2207.908	2208.182	2211.997	2213.620	2210.862	2212.603
7	2191.904	2192.491	2195.054	2199.612	2203.447	2205.658	2208.299	2209.434	2207.595	2207.966
8	2183.863	2184.626	2189.615	2194.135	2199.769	2201.021	2204.836	2204.640	2202.214	2203.858
9	2175.783	2176.449	2181.985	2188.070	2194.095	2195.797	2198.517	2198.556	2195.328	2197.676
10	2167.253	2167.723	2174.355	2181.437	2188.461	2190.730	2193.411	2191.669	2187.952	2190.750
11	2158.019	2158.704	2165.864	2174.277	2181.692	2184.157	2184.881	2184.274	2180.361	2183.316
12	2146.183	2148.902	2157.061	2166.334	2174.942	2177.427	2178.718	2177.153	2171.929	2176.429
13	2134.992	2137.125	2146.222	2158.117	2166.803	2170.090	2169.327	2167.019	2162.225	2166.666
14	2123.273	2125.328	2136.479	2149.744	2159.839	2162.304	2161.110	2157.863	2151.778	2157.491
15	2109.715	2113.237	2125.817	2139.825	2150.311	2152.874	2151.583	2146.437	2140.666	2146.672
16	2095.805	2099.131	2114.098	2128.790	2141.683	2143.405	2140.646	2135.090	2128.438	2135.031
17	2081.054	2085.671	2100.794	2118.617	2131.882	2134.229	2129.925	2124.075	2114.704	2123.586
18	2066.303	2070.900	2087.941	2107.622	2121.904	2122.706	2117.756	2111.104	2101.401	2110.283
19	2049.380	2055.268	2074.246	2095.003	2110.126	2111.457	2105.842	2096.783	2086.825	2096.588
20	2031.792	2038.795	2060.062	2082.697	2099.190	2099.835	2092.734	2082.286	2072.270	2081.739
21	2014.399	2021.462	2045.780	2069.648	2088.097	2087.393	2080.076	2067.457	2055.210	2066.596
22	1997.026	2004.128	2030.324	2056.540	2074.930	2074.696	2065.383	2050.299	2038.619	2051.434
23	1977.403	1985.679	2013.225	2041.847	2061.412	2061.372	2048.832	2034.100	2019.877	2033.298
24	1957.487	1967.543	1996.791	2027.311	2047.462	2047.267	2034.041	2017.295	2002.524	2016.532
25	1936.827	1947.314	1978.695	2012.501	2034.394	2031.478	2017.881	1998.317	1982.960	1998.552
26	1915.933	1927.710	1961.615	1996.361	2019.623	2018.194	2000.313	1979.986	1962.887	1980.318
27	1893.415	1906.112	1942.912	1981.316	2004.284	2001.937	1983.586	1959.952	1941.973	1960.030
28	1871.229	1884.767	1924.208	1964.765	1989.435	1986.207	1965.352	1939.508	1919.963	1939.938
29	1847.713	1861.877	1903.627	1947.607	1973.471	1968.854	1946.590	1917.948	1897.151	1918.339
30	1823.453	1839.007	1883.906	1930.723	1956.939	1952.616	1925.461	1894.843	1873.929	1897.640
31	1799.116	1815.823	1863.579	1912.431	1940.584	1935.204	1906.229	1873.459	1850.667	1874.985
32	1773.780	1792.562	1842.391	1893.786	1923.309	1916.989	1886.019	1850.647	1826.505	1852.976
33	1748.092	1767.696	1821.125	1874.868	1905.818	1898.501	1864.871	1827.034	1800.289	1829.264
34	1721.759	1742.477	1799.605	1856.419	1887.839	1878.702	1843.624	1802.109	1774.836	1805.670
35	1695.152	1717.357	1775.873	1835.935	1868.842	1860.821	1821.732	1777.908	1748.992	1779.708
36	1667.332	1691.689	1753.727	1816.156	1850.119	1840.591	1799.389	1751.301	1721.387	1755.468
37	1639.668	1664.006	1729.683	1796.846	1831.299	1820.636	1775.873	1725.007	1692.882	1728.841
38	1611.026	1637.281	1706.793	1775.267	1811.480	1799.507	1752.514	1698.341	1664.808	1702.919
39	1582.052	1610.263	1682.357	1754.998	1790.879	1779.630	1727.550	1670.482	1635.755	1675.862
40	1553.038	1582.678	1657.726	1733.537	1771.569	1757.659	1704.054	1642.759	1605.529	1648.315
41	1523.340	1553.312	1633.564	1712.212	1751.144	1737.000	1680.009	1614.450	1576.593	1620.887
42	1492.624	1524.827	1608.581	1690.515	1730.446	1714.442	1654.106	1585.789	1545.389	1591.775
43	1462.182	1495.735	1583.617	1668.036	1709.649	1693.039	1630.043	1556.755	1514.614	1563.466
44	1430.332	1465.411	1558.086	1646.398	1688.128	1670.169	1604.316	1526.998	1482.647	1534.785
45	1399.597	1436.436	1532.183	1623.430	1667.390	1647.983	1576.848	1496.498	1450.522	1504.989
46	1367.570	1406.131	1506.534	1600.403	1645.185	1625.249	1551.767	1466.037	1417.322	1474.273
47	1335.661	1375.944	1479.908	1578.198	1623.625	1602.007	1525.668	1435.380	1384.669	1444.477
48	1301.620	1345.111	1454.024	1553.782	1600.853	1578.002	1499.276	1404.371	1351.234	1413.957
49	1269.163	1313.358	1427.084	1530.794	1578.432	1553.586	1471.671	1371.914	1317.095	1382.674
50	1236.608	1284.110	1400.712	1507.199	1555.797	1530.755	1444.790	1340.376	1282.936	1351.097
51	1202.488	1252.083	1373.557	1483.390	1532.828	1506.730	1417.224	1308.389	1248.914	1319.677
52	1168.349	1220.233	1346.519	1459.091	1509.684	1482.236	1389.678	1275.502	1213.640	1287.768
53	1134.288	1188.911	1319.169	1435.184	1486.794	1458.152	1362.112	1242.927	1178.092	1255.898

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54	1100.188	1157.315	1292.014	1411.609	1463.787	1433.404	1334.566	1209.923	1142.544	1223.383
55	1064.855	1125.269	1265.172	1386.743	1440.310	1409.301	1306.902	1176.820	1106.390	1191.200
56	1029.366	1093.399	1237.763	1362.797	1416.872	1384.396	1278.495	1143.972	1069.922	1158.430
57	995.128	1061.353	1210.686	1338.870	1393.884	1360.958	1250.890	1110.870	1033.787	1125.504
58	959.600	1029.483	1183.922	1314.747	1370.681	1336.092	1223.070	1076.730	997.085	1092.910
59	924.228	997.202	1156.689	1290.996	1347.322	1312.517	1195.641	1043.491	959.717	1059.847
60	888.602	965.078	1129.945	1266.561	1323.786	1287.886	1167.801	1009.293	922.878	1027.390
61	853.250	933.854	1102.985	1242.673	1300.563	1263.450	1139.844	976.132	885.413	994.268
62	817.154	901.455	1076.339	1218.003	1275.639	1238.995	1112.631	942.912	847.537	961.341
63	781.254	870.192	1050.143	1194.330	1252.573	1213.992	1085.241	909.418	809.993	928.924
64	745.119	838.518	1024.201	1170.364	1229.448	1189.870	1057.949	876.668	771.882	896.095
65	708.573	806.824	997.457	1146.652	1205.482	1165.395	1030.657	843.272	733.948	864.127
66	672.751	776.167	971.475	1122.784	1182.259	1141.194	1003.541	811.461	696.326	831.240
67	635.794	745.236	945.416	1099.073	1158.821	1116.661	976.719	778.104	658.274	799.507
68	599.973	714.403	919.670	1074.813	1136.068	1092.245	949.525	746.293	619.713	768.009
69	564.346	684.568	894.686	1051.747	1112.572	1068.826	923.739	714.266	582.482	735.845
70	528.094	654.400	869.723	1028.035	1089.584	1044.587	897.680	682.885	544.743	704.758
71	493.055	624.936	844.641	1004.989	1066.850	1021.618	871.679	651.622	507.121	674.160
72	457.428	595.805	820.186	982.099	1043.960	997.867	846.500	621.141	469.852	644.266
73	422.233	567.809	796.494	960.011	1021.501	974.684	821.477	591.462	432.543	613.824
74	387.311	539.989	772.919	936.984	999.120	952.029	797.140	561.823	396.310	585.006
75	352.447	512.501	749.442	915.346	976.777	929.334	772.078	532.555	360.312	556.227
76	319.638	486.012	726.728	892.886	955.218	906.229	748.445	504.558	324.901	527.742
77	286.282	459.815	704.171	871.229	933.502	884.376	725.124	477.540	290.507	500.430
78	254.060	434.949	681.868	849.963	911.570	862.269	701.804	450.796	256.114	473.706
79	222.737	410.416	660.171	828.384	890.324	840.592	679.129	424.913	221.759	447.999
80	192.276	386.959	638.749	807.235	868.803	818.973	656.435	399.812	190.241	422.565
81	163.243	364.088	617.600	786.555	847.772	798.196	634.914	375.905	160.015	397.875
82	135.481	342.176	596.744	766.013	826.975	776.813	613.530	352.800	131.588	374.692
83	111.183	321.419	577.043	745.960	806.746	756.153	592.382	330.770	105.118	351.939
84	86.962	301.268	557.401	725.926	786.282	735.493	571.859	309.700	80.408	330.516
85	62.742	282.173	538.248	706.538	766.131	715.988	551.962	289.744	58.399	310.013
86	43.256	264.037	519.466	686.876	746.449	696.365	532.652	270.650	41.945	290.684
87	26.099	246.782	501.115	667.958	727.335	676.664	513.323	252.201	25.512	271.335
88	12.110	230.661	483.253	649.020	708.064	657.393	494.933	235.435	9.156	252.044
89	6.378	215.342	465.861	630.766	689.224	638.807	476.934	219.470	1.565	235.571
90	0.743	200.982	449.075	612.591	670.795	620.280	459.248	204.308	0.313	219.725
91	0.567	187.933	432.543	595.042	652.757	602.144	442.208	190.378	0.333	204.934
92	0.587	175.021	416.676	577.513	634.699	584.439	425.852	177.349	0.372	191.611
93	0.626	163.497	400.732	560.218	616.622	567.281	410.025	165.297	0.411	178.386
94	0.665	152.522	385.706	543.100	599.092	549.908	394.119	153.872	0.450	166.491
95	0.724	142.661	371.033	527.194	582.424	533.298	378.879	143.640	0.470	155.378
96	0.783	133.251	357.182	510.858	565.266	516.942	364.382	134.014	0.528	145.224
97	0.880	126.502	343.252	494.835	548.891	500.665	349.865	126.071	0.587	135.345
98	0.998	117.600	329.929	479.497	532.594	484.642	336.151	117.502	0.685	126.873
99	1.115	108.620	316.997	464.315	516.864	469.460	323.003	108.913	0.783	118.695
100	1.252	101.831	304.515	449.525	501.252	454.357	310.091	102.007	0.920	111.163
101	1.369	95.708	292.444	435.106	486.070	439.527	297.824	95.805	1.096	104.198
102	1.526	90.112	280.843	421.078	470.849	425.069	285.675	90.171	1.291	98.075
103	1.683	84.928	269.593	407.070	456.607	411.335	274.230	84.967	1.506	92.147
104	1.898	80.252	258.833	393.728	441.914	397.699	263.176	80.232	1.722	86.708
105	2.113	75.948	248.406	380.385	428.063	383.946	252.377	75.889	1.937	81.856
106	2.348	71.957	238.506	367.570	414.153	371.072	242.067	71.879	2.152	77.356
107	2.582	68.337	228.724	354.952	400.653	358.121	232.226	68.279	2.387	73.131
108	2.817	65.031	219.353	342.685	387.487	345.913	222.894	64.972	2.622	69.316
109	3.032	61.940	210.334	330.673	374.692	333.646	213.601	61.940	2.837	65.814

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110	3.267	59.123	201.784	318.954	361.995	321.986	204.738	59.064	3.091	62.488
111	3.502	56.521	193.489	307.704	349.728	310.580	196.443	56.482	3.326	59.455
112	3.717	54.095	185.663	296.611	337.657	299.292	188.402	54.153	3.561	56.716
113	3.972	51.884	177.975	285.969	325.879	288.395	180.616	51.923	3.795	54.075
114	4.206	49.830	170.736	275.619	314.669	277.752	173.182	49.869	4.011	51.610
115	4.441	47.913	163.654	265.289	303.439	267.559	166.178	48.049	4.226	49.419
116	4.676	46.152	157.002	255.468	292.581	257.698	159.252	46.308	4.441	47.306
117	4.911	44.547	150.741	245.882	282.134	247.897	152.717	44.684	4.676	45.330
118	5.145	43.021	144.559	236.784	271.980	238.643	146.496	43.178	4.911	43.550
119	5.361	41.554	138.631	227.687	261.963	229.585	140.568	41.848	5.145	41.828
120	5.615	40.243	133.016	218.962	252.260	220.801	134.953	40.517	5.380	40.185
121	5.850	39.011	127.558	210.608	242.771	212.271	129.358	39.285	5.615	38.678
122	6.084	37.837	122.374	202.254	233.615	203.878	124.095	38.170	5.850	37.309
123	6.319	36.761	117.209	194.565	224.655	196.072	118.852	37.074	6.065	35.939
124	6.534	35.685	112.024	186.759	215.968	188.207	113.589	36.018	6.300	34.687
125	6.789	34.726	107.505	179.266	207.517	180.792	108.972	35.078	6.515	33.513
126	7.024	33.807	103.162	172.164	199.280	173.436	104.590	34.179	6.750	32.418
127	7.278	32.946	98.975	165.141	191.376	166.412	100.403	33.318	6.965	31.283
128	7.513	32.105	95.023	158.430	183.511	159.487	96.373	32.496	7.180	30.246
129	7.767	31.322	91.208	151.974	176.057	152.991	92.499	31.713	7.395	29.229
130	8.002	30.598	87.667	145.713	168.917	146.809	88.919	30.990	7.610	28.231
131	8.256	29.874	84.145	139.629	161.854	140.627	85.319	30.305	7.806	27.253
132	8.510	29.209	80.780	133.603	155.104	134.718	81.934	29.640	8.021	26.314
133	8.745	28.583	77.591	127.949	148.570	129.006	78.726	29.033	8.217	25.433
134	8.999	27.996	74.539	122.471	142.212	123.450	75.635	28.407	8.432	24.533
135	9.254	27.390	71.585	116.974	136.068	117.893	72.681	27.859	8.608	23.653
136	9.508	26.842	68.807	111.496	130.101	112.337	69.824	27.311	8.804	22.851
137	9.762	26.314	66.166	106.742	124.389	107.524	67.105	26.783	8.999	22.068
138	10.036	25.844	63.583	102.027	118.695	102.790	64.522	26.314	9.176	21.384
139	10.310	25.414	61.118	97.586	112.983	98.349	62.038	25.883	9.352	20.503
140	10.584	24.983	58.810	93.360	107.896	94.084	59.671	25.453	9.508	18.918
141	10.878	24.573	56.579	89.271	103.025	89.858	57.401	25.042	9.645	17.706
142	11.152	24.181	54.408	85.300	98.310	85.906	55.210	24.651	9.821	17.764
143	11.425	23.810	52.373	81.504	93.790	82.091	53.136	24.299	9.997	17.197
144	11.699	23.477	50.397	77.865	89.467	78.374	51.121	23.927	10.173	16.551
145	11.934	23.144	48.480	74.285	85.221	74.852	49.184	23.575	10.330	15.945
146	12.149	22.792	46.660	70.979	81.171	71.468	47.326	23.164	10.467	15.456
147	12.306	22.479	44.880	67.711	77.259	68.181	45.526	22.616	10.545	15.064
148	12.443	22.147	43.198	64.542	73.541	64.953	43.784	21.970	10.584	14.614
149	12.521	21.853	41.554	61.549	69.922	61.960	42.122	21.481	10.623	14.106
150	12.580	21.560	39.989	58.634	66.498	59.025	40.537	21.325	10.643	13.675
151	12.678	21.286	38.463	55.875	63.212	56.208	39.011	20.640	10.662	12.814
152	12.756	21.031	37.035	53.234	60.003	53.586	37.563	20.249	10.702	11.934
153	12.795	20.797	35.685	50.710	57.049	50.984	36.174	20.308	10.721	11.093
154	12.834	20.562	34.355	48.304	54.134	48.578	34.824	19.877	10.741	10.467
155	12.932	20.366	33.083	45.917	51.297	46.191	33.533	19.466	10.780	10.115
156	12.951	20.151	31.870	43.667	48.676	43.961	32.281	19.368	10.780	10.193
157	12.912	19.877	30.677	41.515	46.132	41.809	31.068	18.821	10.799	10.486
158	12.893	19.525	29.561	39.480	43.687	39.735	29.757	17.901	10.780	10.467
159	12.814	19.095	28.466	37.504	41.339	37.759	28.172	17.177	10.760	10.408
160	12.736	18.586	27.409	35.626	39.109	35.861	26.490	16.453	10.721	10.428
161	12.658	18.058	26.412	33.826	36.957	34.042	25.179	15.710	10.662	10.447
162	12.521	17.510	25.453	32.105	34.942	32.320	23.790	15.006	10.604	10.408
163	12.404	17.001	24.514	30.500	33.005	30.637	22.284	14.477	10.525	10.369
164	12.267	16.512	23.614	28.916	31.166	29.053	20.484	14.067	10.447	10.369
165	12.091	16.082	22.792	27.468	29.405	27.566	19.408	13.793	10.369	10.291

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CANDELA TABULATION - (Cont.)

166	11.915	15.710	22.049	26.079	27.761	25.883	18.664	13.675	10.291	10.271
167	11.993	15.397	21.247	24.768	26.235	24.201	17.901	13.538	10.310	10.271
168	11.993	14.986	20.327	23.575	24.827	22.557	17.021	13.558	10.486	10.330
169	12.208	14.595	19.173	22.518	23.536	21.071	16.043	13.675	10.662	10.506
170	12.345	14.321	18.019	21.423	22.362	19.251	14.986	13.695	10.839	10.741
171	12.423	13.949	16.982	20.131	21.149	17.745	14.223	13.636	11.034	10.995
172	12.521	13.812	16.219	18.586	19.564	15.788	13.695	13.636	11.230	11.191
173	12.560	13.597	15.847	17.177	17.940	13.832	13.734	13.617	11.465	11.425
174	12.678	13.401	15.397	16.199	16.453	13.049	13.793	13.597	11.719	11.680
175	12.814	13.206	14.908	15.866	15.925	12.267	13.812	13.577	11.954	11.934
176	12.932	13.088	14.360	15.612	15.319	12.071	13.636	13.499	12.188	12.169
177	13.010	13.049	13.812	14.477	14.517	12.032	13.245	13.264	12.443	12.423
178	13.108	13.049	13.264	13.441	13.695	11.758	12.834	13.225	12.736	12.717
179	13.147	13.030	12.717	12.423	12.893	11.582	12.638	13.167	13.010	12.991
180	13.186	13.186	13.186	13.186	13.186	13.186	13.186	13.186	13.186	13.186

**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	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155	2220.155
1	2221.035	2219.411	2220.350	2219.255	2219.705	2218.061	2219.568
2	2221.074	2219.392	2219.685	2218.218	2217.846	2216.085	2217.240
3	2220.213	2218.296	2219.529	2216.751	2214.736	2212.955	2214.286
4	2218.609	2217.435	2216.966	2214.383	2211.625	2209.277	2209.121
5	2216.398	2215.499	2214.305	2211.273	2207.888	2204.582	2203.956
6	2213.464	2213.190	2211.175	2208.299	2203.408	2198.849	2198.849
7	2209.747	2210.021	2207.203	2202.430	2197.715	2191.767	2191.904
8	2205.540	2205.012	2204.190	2197.695	2190.515	2184.861	2183.863
9	2200.102	2200.356	2199.397	2192.256	2184.098	2176.664	2175.783
10	2194.741	2196.384	2193.919	2185.996	2177.231	2168.290	2167.253
11	2188.109	2190.476	2187.581	2180.185	2169.229	2158.410	2158.019
12	2180.694	2183.766	2181.418	2173.181	2159.799	2149.000	2146.183
13	2172.575	2176.625	2175.059	2164.827	2150.037	2137.007	2134.992
14	2165.160	2168.799	2167.156	2155.750	2140.098	2125.523	2123.273
15	2155.828	2161.306	2158.410	2146.555	2129.769	2113.159	2109.715
16	2144.989	2151.700	2149.078	2136.381	2117.874	2099.014	2095.805
17	2134.347	2142.505	2139.433	2125.758	2105.313	2085.162	2081.054
18	2123.508	2133.094	2129.456	2115.330	2092.988	2069.276	2066.303
19	2110.498	2121.454	2120.476	2103.357	2078.687	2053.860	2049.380
20	2097.938	2110.772	2108.678	2090.777	2064.268	2037.641	2031.792
21	2084.752	2098.016	2097.351	2078.550	2049.536	2021.090	2014.399
22	2070.431	2084.908	2085.632	2064.718	2034.433	2003.678	1997.026
23	2056.031	2071.526	2072.504	2050.964	2017.960	1984.251	1977.403
24	2040.556	2058.047	2059.005	2035.861	2001.135	1965.117	1957.487
25	2025.296	2043.863	2045.310	2021.794	1984.818	1946.453	1936.827
26	2007.923	2029.209	2030.950	2007.278	1966.193	1926.634	1915.933
27	1991.431	2013.714	2016.610	1990.668	1949.035	1905.486	1893.415
28	1973.001	1997.926	2001.272	1974.997	1930.626	1884.122	1871.229
29	1954.337	1982.783	1984.544	1958.054	1910.709	1861.290	1847.713
30	1936.025	1965.234	1969.480	1940.623	1890.226	1839.418	1823.453
31	1916.050	1948.057	1951.990	1922.780	1870.348	1815.530	1799.116
32	1896.467	1930.665	1936.045	1903.686	1849.102	1792.229	1773.780
33	1876.179	1911.687	1917.596	1885.491	1827.933	1767.402	1748.092
34	1854.815	1893.199	1900.497	1866.377	1805.180	1743.280	1721.759
35	1833.431	1873.772	1882.556	1847.732	1783.308	1716.927	1695.152
36	1810.815	1854.795	1862.777	1827.523	1761.611	1691.024	1667.332

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CANDELA TABULATION - (Cont.)

37	1788.844	1835.192	1843.389	1806.530	1737.410	1664.260	1639.668
38	1766.717	1814.160	1823.375	1786.164	1714.110	1637.849	1611.026
39	1742.732	1794.225	1804.417	1765.524	1690.163	1609.970	1582.052
40	1718.903	1773.193	1783.777	1744.532	1666.490	1582.345	1553.038
41	1695.504	1751.692	1764.018	1722.639	1641.703	1554.995	1523.340
42	1671.205	1730.446	1742.732	1700.591	1616.798	1526.059	1492.624
43	1645.635	1708.279	1722.424	1678.738	1591.951	1497.378	1462.182
44	1621.043	1686.055	1700.571	1656.787	1566.440	1467.934	1430.332
45	1595.786	1663.223	1679.207	1634.034	1540.889	1438.471	1399.597
46	1570.646	1641.429	1657.061	1611.007	1514.966	1408.068	1367.570
47	1544.450	1618.050	1635.344	1587.334	1489.650	1378.468	1335.661
48	1518.155	1595.473	1613.022	1564.111	1463.552	1347.889	1301.620
49	1490.883	1572.035	1590.249	1541.006	1437.180	1316.958	1269.163
50	1464.902	1547.834	1567.594	1518.058	1410.220	1286.771	1236.608
51	1438.392	1524.475	1545.310	1494.659	1384.317	1255.546	1202.488
52	1410.729	1500.078	1521.599	1470.419	1357.397	1224.029	1168.349
53	1383.456	1476.679	1499.159	1446.629	1330.203	1192.589	1134.288
54	1356.615	1452.283	1475.466	1422.096	1303.615	1160.876	1100.188
55	1329.283	1428.024	1452.459	1398.032	1276.382	1129.143	1064.855
56	1301.972	1403.471	1428.180	1373.616	1249.618	1097.840	1029.366
57	1274.563	1378.878	1405.251	1349.180	1221.896	1066.048	995.128
58	1247.290	1354.208	1381.207	1324.842	1194.643	1033.768	959.600
59	1220.272	1329.792	1357.612	1300.074	1167.958	1001.917	924.228
60	1192.491	1305.846	1333.607	1276.147	1141.448	970.282	888.602
61	1165.101	1280.941	1310.463	1251.849	1113.765	938.138	853.250
62	1137.614	1256.309	1286.790	1227.413	1087.706	906.092	817.154
63	1110.263	1232.030	1262.981	1203.447	1061.412	875.161	781.254
64	1083.480	1207.106	1239.132	1178.659	1035.176	843.546	745.119
65	1056.403	1182.337	1214.892	1154.928	1008.412	811.891	708.573
66	1029.835	1158.743	1190.946	1131.060	982.431	781.136	672.751
67	1003.150	1134.601	1167.860	1107.505	956.841	750.264	635.794
68	976.875	1109.755	1144.657	1082.815	931.095	719.353	599.973
69	950.503	1085.652	1120.808	1059.357	905.486	689.009	564.346
70	924.698	1061.666	1097.879	1035.802	880.894	659.330	528.094
71	899.010	1038.443	1074.383	1012.756	855.832	629.749	493.055
72	873.831	1015.064	1051.610	989.983	831.357	600.540	457.428
73	848.319	991.411	1028.740	966.506	807.039	572.328	422.233
74	823.786	968.130	1006.515	943.929	783.680	543.863	387.311
75	799.292	945.162	983.703	921.294	759.244	516.336	352.447
76	774.915	922.272	961.048	898.932	736.628	489.768	319.638
77	751.027	899.499	939.195	877.235	713.425	463.630	286.282
78	727.609	877.372	917.224	855.147	690.789	437.747	254.060
79	704.562	855.460	895.351	833.216	669.053	413.311	222.737
80	681.887	833.509	874.183	811.891	647.005	389.561	192.276
81	659.447	811.911	852.545	790.762	625.660	365.966	163.243
82	637.673	790.312	831.651	769.965	604.727	344.074	135.481
83	616.602	769.319	810.913	749.599	584.263	323.180	111.183
84	595.297	748.288	789.784	728.998	563.975	302.794	86.962
85	574.794	727.981	769.828	708.847	544.547	282.858	62.742
86	554.897	707.986	749.951	689.831	525.531	262.942	43.256
87	535.391	688.128	730.074	670.482	506.730	245.119	26.099
88	516.179	668.897	710.549	651.172	488.516	228.431	12.110
89	497.770	649.959	691.728	632.527	470.752	213.307	6.378
90	479.066	630.590	672.712	614.352	453.672	198.458	0.743
91	461.596	612.122	654.028	596.001	436.495	184.705	0.567
92	444.321	593.771	635.834	578.569	420.452	172.086	0.587

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CANDELA TABULATION - (Cont.)

93	427.926	576.143	618.265	561.099	404.644	160.524	0.626
94	411.453	558.340	600.403	543.784	389.130	149.079	0.665
95	395.665	541.339	583.128	527.488	374.066	139.101	0.724
96	380.600	524.651	565.931	511.269	359.588	129.906	0.783
97	365.379	508.080	549.262	495.207	345.561	121.102	0.880
98	351.117	492.272	532.926	479.477	332.081	113.100	0.998
99	337.442	476.386	517.158	464.315	318.915	105.940	1.115
100	323.884	461.048	501.291	449.094	306.237	99.151	1.252
101	310.913	445.964	485.816	434.832	294.049	92.949	1.369
102	298.509	431.310	470.732	420.276	281.097	87.393	1.526
103	286.145	417.185	456.020	406.562	268.146	82.287	1.683
104	273.800	402.845	441.386	392.808	257.679	77.356	1.898
105	261.474	389.443	427.358	379.524	247.349	73.150	2.113
106	250.871	375.748	413.624	366.494	237.176	69.140	2.348
107	240.149	362.914	400.066	353.836	227.159	65.364	2.582
108	230.446	350.119	386.900	341.413	217.925	62.057	2.817
109	220.918	337.872	373.890	329.303	208.925	59.005	3.032
110	211.625	326.036	361.369	317.721	200.082	56.012	3.267
111	202.684	314.200	349.102	306.452	191.807	53.351	3.502
112	194.448	303.009	337.168	295.575	183.844	51.023	3.717
113	186.153	292.033	325.234	284.423	176.097	48.656	3.972
114	178.033	280.256	313.867	273.271	168.525	46.484	4.206
115	170.716	268.517	302.852	262.140	161.521	44.606	4.441
116	163.419	258.598	292.073	252.260	154.674	42.787	4.676
117	156.395	248.699	280.373	242.712	148.061	41.026	4.911
118	149.665	239.250	268.752	233.498	141.820	39.461	5.145
119	143.366	230.015	259.088	224.498	135.794	37.994	5.361
120	137.144	220.918	249.482	215.636	130.004	36.546	5.615
121	131.236	212.134	239.856	207.164	124.506	35.235	5.850
122	125.660	203.741	230.720	198.947	119.204	34.081	6.084
123	120.221	195.445	221.681	190.828	114.039	32.887	6.319
124	114.959	187.463	212.897	183.140	109.187	31.772	6.534
125	110.009	179.794	204.601	175.588	104.531	30.794	6.789
126	105.235	172.301	196.111	168.349	100.012	29.816	7.024
127	100.540	165.062	188.246	161.267	95.668	28.877	7.278
128	96.099	158.019	180.303	154.556	91.580	28.114	7.513
129	91.834	151.250	172.888	147.924	87.647	27.292	7.767
130	87.745	144.540	165.454	141.585	83.910	26.529	8.002
131	83.754	138.181	158.430	135.501	80.311	25.864	8.256
132	80.037	131.960	151.387	129.456	76.867	25.159	8.510
133	76.359	125.973	144.716	123.665	73.483	24.455	8.745
134	72.876	120.202	138.201	118.167	70.372	23.751	8.999
135	69.453	114.528	131.921	112.865	67.477	23.183	9.254
136	66.088	109.031	125.778	107.798	64.640	22.655	9.508
137	62.879	103.709	119.830	102.849	61.979	22.186	9.762
138	59.847	98.623	114.098	98.114	59.377	21.736	10.036
139	56.853	93.693	108.581	93.556	56.951	21.305	10.310
140	53.938	88.841	103.181	89.212	54.662	20.973	10.584
141	51.160	84.243	98.134	85.084	52.569	20.699	10.878
142	48.382	79.704	93.086	81.074	50.573	20.444	11.152
143	45.702	75.244	88.332	77.337	48.715	20.288	11.425
144	43.139	71.135	83.754	73.737	46.993	20.131	11.699
145	40.654	67.027	79.254	70.235	45.291	19.975	11.934
146	38.130	63.016	74.931	66.870	43.706	19.877	12.149
147	35.724	59.279	70.763	63.642	42.219	19.779	12.306
148	33.455	55.621	66.792	60.512	40.713	19.642	12.443

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CANDELA TABULATION - (Cont.)

149	31.342	52.119	62.996	57.616	39.363	19.603	12.521
150	29.405	48.852	59.279	54.760	38.033	19.525	12.580
151	27.625	45.663	55.797	51.962	36.683	19.427	12.678
152	25.981	42.630	52.373	49.321	35.470	19.388	12.756
153	24.338	39.696	49.204	46.797	34.237	19.310	12.795
154	22.675	36.917	46.132	44.352	33.005	19.251	12.834
155	20.014	34.276	43.198	41.965	31.792	19.173	12.932
156	17.842	31.968	40.341	39.676	30.540	19.075	12.951
157	16.806	29.796	37.583	37.446	29.385	18.958	12.912
158	15.730	27.820	34.902	35.196	28.251	18.801	12.893
159	15.084	25.942	32.555	33.005	27.155	18.605	12.814
160	14.321	24.044	30.403	31.048	26.001	18.371	12.736
161	13.245	22.147	28.388	29.190	24.846	18.097	12.658
162	12.697	20.386	26.627	27.468	23.692	17.686	12.521
163	11.641	18.801	24.846	25.864	22.557	17.119	12.404
164	10.858	16.551	23.086	24.240	21.501	16.453	12.267
165	10.369	14.301	21.560	22.636	20.464	15.710	12.091
166	10.193	13.871	20.229	21.227	19.505	15.025	11.915
167	10.428	13.030	19.173	19.955	18.684	14.419	11.993
168	10.897	11.856	18.038	18.918	17.647	13.851	11.993
169	11.073	11.249	16.434	17.823	16.375	13.362	12.208
170	11.054	10.799	14.712	16.395	15.162	13.206	12.345
171	11.230	10.467	13.069	15.025	14.204	13.441	12.423
172	11.386	10.858	11.112	13.930	13.460	13.793	12.521
173	11.562	11.425	9.547	13.264	13.499	13.930	12.560
174	11.797	11.719	10.212	13.304	14.008	13.695	12.678
175	11.934	11.954	10.252	13.421	14.008	13.108	12.814
176	12.110	12.032	10.330	12.169	13.597	12.678	12.932
177	12.267	11.934	10.662	11.778	12.854	12.638	13.010
178	12.443	11.895	10.819	10.878	12.345	12.482	13.108
179	12.736	12.208	11.230	9.332	11.699	12.462	13.147
180	13.186	13.186	13.186	13.186	13.186	13.186	13.186

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	814.38	N.A.	9.60
0-30	1736.7	N.A.	20.50
0-40	2864.01	N.A.	33.80
0-60	5210.55	N.A.	61.40
0-80	6964.26	N.A.	82.10
0-90	7505.83	N.A.	88.50
10-90	7295.61	N.A.	86.00
20-40	2049.63	N.A.	24.20
20-50	3250.35	N.A.	38.30
40-70	3333.62	N.A.	39.30
60-80	1753.71	N.A.	20.70
70-80	766.63	N.A.	9.00
80-90	541.57	N.A.	6.40
90-110	617.25	N.A.	7.30
90-120	775.65	N.A.	9.10
90-130	872.30	N.A.	10.30
90-150	957.23	N.A.	11.30
90-180	978.03	N.A.	11.50
110-180	360.78	N.A.	4.30
0-180	8483.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	210.22
10-20	604.16
20-30	922.32
30-40	1127.31
40-50	1200.72
50-60	1145.83
60-70	987.07
70-80	766.63
80-90	541.57
90-100	370.18
100-110	247.08
110-120	158.40
120-130	96.65
130-140	55.46
140-150	29.48
150-160	14.04
160-170	5.46
170-180	1.30

IES INDOOR REPORT
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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

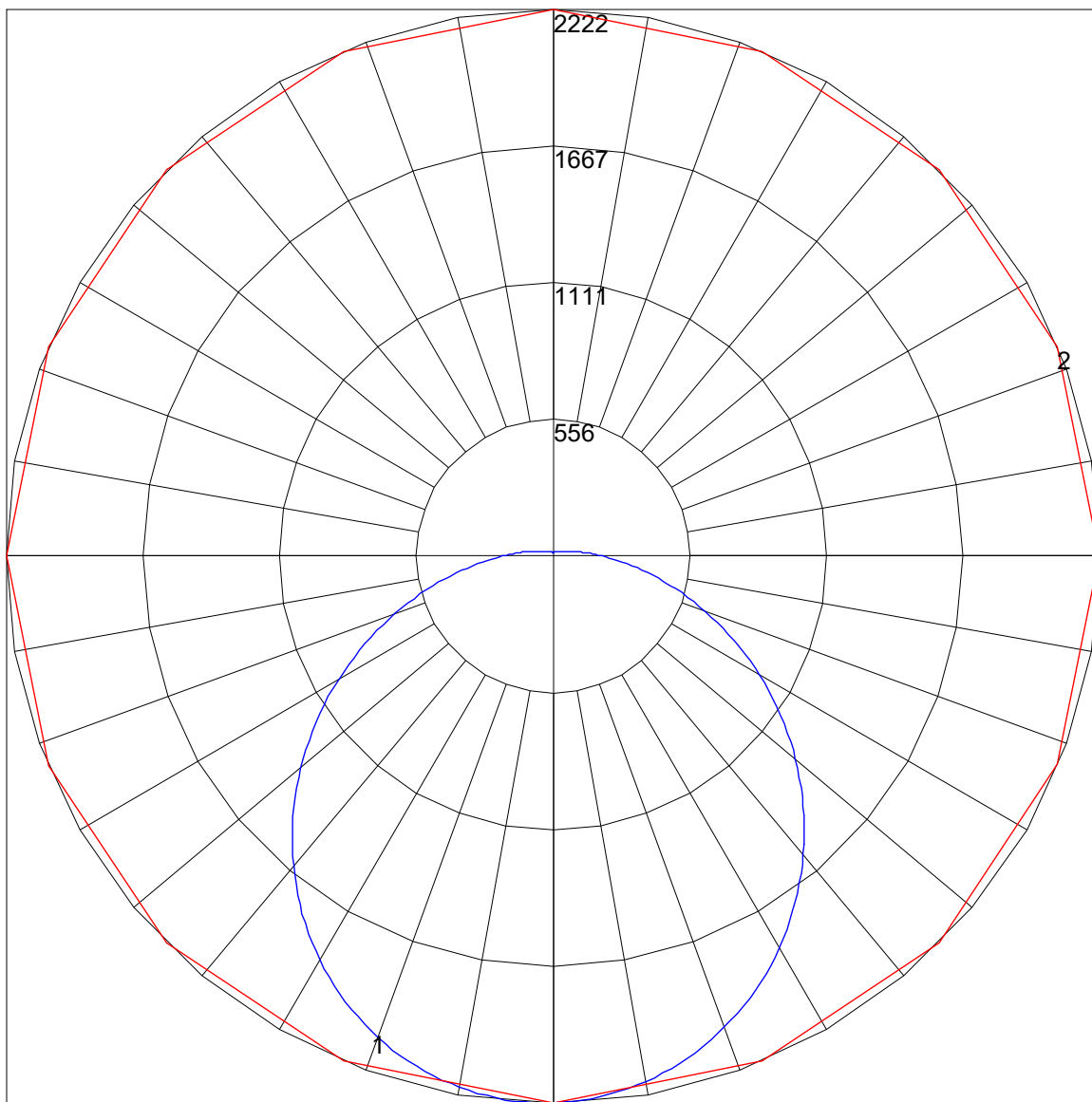
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLSEL8HT60WWT40120-277V_P.IES

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 = 2222.346 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.)