



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SWLSEL4HT6226LMWT35120-277V.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] DG3211126-60857E-10
 [TESTLAB] BACL
 [TESTDATE] 2021-12-02
 [ISSUE DATE] 2021-12-02 13:13:57
 [LAMPPOSITION] 0,0
 [OTHER]
 [MANUFAC] BEGHELLI
 [LUMCAT] SWLSEL4HT6226LMWT35120-277V
 [LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6226
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	46
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.23 m
Luminous Width (90-270)	0.11 m
Luminous Height	0.05 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11423	9055	8756
55	10738	8142	7977
65	9680	7190	7254
75	7701	6292	6643
85	3386	5536	6294

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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	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361
1	1740.942	1740.712	1740.742	1740.952	1740.952	1740.952	1741.580	1741.590	1741.151	1741.550
2	1739.664	1739.435	1739.864	1739.874	1740.083	1740.512	1741.371	1741.171	1740.503	1740.702
3	1737.729	1737.509	1737.938	1738.158	1738.796	1739.225	1740.303	1740.313	1739.195	1739.615
4	1735.194	1735.604	1735.404	1736.043	1736.691	1737.330	1738.188	1738.407	1737.270	1738.118
5	1732.401	1732.391	1732.391	1733.458	1734.107	1735.165	1736.242	1736.681	1734.646	1735.484
6	1728.619	1728.819	1729.028	1730.006	1731.293	1732.241	1733.728	1733.748	1731.852	1732.500
7	1724.079	1724.289	1725.147	1726.634	1727.522	1728.998	1729.856	1730.285	1727.412	1728.689
8	1719.450	1719.450	1720.567	1722.074	1723.581	1724.977	1726.055	1726.494	1723.321	1724.598
9	1713.802	1714.441	1715.489	1717.404	1719.570	1720.188	1721.715	1721.505	1718.223	1719.500
10	1707.706	1708.135	1709.602	1711.927	1714.082	1714.920	1716.447	1716.237	1712.924	1713.812
11	1701.311	1701.520	1703.406	1706.180	1708.734	1709.981	1711.109	1711.099	1706.249	1707.966
12	1693.867	1694.296	1696.611	1699.165	1702.398	1703.655	1704.553	1704.134	1699.574	1701.500
13	1685.696	1686.544	1689.248	1692.850	1696.082	1697.339	1698.048	1697.419	1691.742	1693.867
14	1677.404	1678.282	1681.196	1686.085	1688.888	1690.575	1690.864	1689.796	1683.500	1686.284
15	1668.484	1669.342	1672.884	1678.033	1681.266	1682.732	1682.752	1681.485	1675.059	1677.853
16	1658.876	1659.734	1664.144	1669.552	1673.214	1674.670	1674.441	1673.174	1665.760	1668.983
17	1649.058	1649.696	1654.545	1660.123	1664.892	1665.910	1665.271	1663.266	1655.853	1659.534
18	1638.342	1639.629	1644.678	1650.904	1655.863	1656.880	1655.833	1653.757	1645.077	1648.938
19	1627.287	1628.165	1634.451	1641.904	1645.845	1647.671	1646.025	1643.670	1634.121	1638.651
20	1615.314	1616.800	1623.296	1631.228	1636.586	1637.823	1635.957	1632.754	1622.996	1627.526
21	1602.911	1603.959	1611.752	1620.522	1626.119	1627.337	1624.623	1621.001	1610.624	1615.324
22	1589.781	1591.697	1599.489	1609.517	1615.553	1616.341	1612.989	1608.708	1597.593	1602.921
23	1576.002	1578.327	1587.197	1597.504	1603.959	1604.947	1601.285	1596.386	1583.954	1589.931
24	1562.402	1563.889	1573.817	1584.922	1592.265	1592.585	1588.354	1582.827	1569.726	1575.972
25	1547.276	1549.801	1560.117	1572.390	1579.933	1580.222	1575.343	1568.988	1555.209	1562.293
26	1532.310	1534.894	1546.468	1559.309	1567.321	1567.571	1562.123	1554.211	1540.162	1547.286
27	1516.725	1519.529	1532.170	1545.909	1554.321	1554.380	1547.616	1539.035	1524.468	1531.991
28	1499.913	1503.345	1517.024	1531.611	1540.651	1540.701	1533.098	1523.470	1507.565	1516.206
29	1483.390	1487.101	1501.469	1517.084	1526.323	1525.974	1517.932	1507.855	1491.132	1499.943
30	1465.949	1470.040	1485.475	1502.387	1512.694	1511.986	1502.587	1490.793	1472.993	1483.041
31	1448.199	1452.409	1469.092	1487.291	1497.428	1496.381	1486.513	1473.821	1455.363	1465.699
32	1430.099	1434.839	1452.709	1471.816	1482.592	1481.534	1470.549	1456.630	1436.605	1447.989
33	1411.860	1416.819	1435.507	1455.872	1466.867	1465.420	1453.317	1437.962	1418.386	1429.850
34	1392.354	1397.952	1418.186	1439.189	1451.042	1448.987	1435.727	1419.912	1399.049	1411.292
35	1372.110	1378.994	1400.506	1423.265	1435.138	1433.452	1418.954	1400.516	1378.625	1392.115
36	1352.234	1358.660	1381.628	1405.195	1418.605	1415.582	1400.286	1380.790	1358.211	1372.728
37	1331.571	1339.044	1363.718	1389.221	1403.070	1399.598	1382.596	1361.174	1337.946	1352.793
38	1311.206	1318.540	1343.953	1370.573	1384.811	1380.950	1363.249	1340.381	1319.558	1332.449
39	1288.827	1297.337	1324.866	1353.252	1367.660	1363.998	1344.003	1319.578	1301.578	1314.589
40	1266.836	1276.085	1305.669	1334.594	1349.480	1345.120	1324.277	1298.156	1283.508	1296.729
41	1244.676	1254.304	1284.895	1315.996	1331.521	1326.931	1304.392	1276.774	1259.502	1278.859
42	1221.807	1232.214	1265.299	1297.747	1313.651	1308.682	1284.406	1254.514	1236.005	1256.719
43	1199.028	1209.574	1243.758	1277.851	1294.873	1288.837	1263.264	1231.655	1211.979	1233.730
44	1175.112	1186.955	1223.373	1258.814	1276.504	1269.999	1242.890	1208.876	1187.664	1210.492
45	1151.714	1163.917	1202.600	1239.457	1257.108	1250.163	1221.428	1185.738	1162.690	1186.766
46	1126.970	1140.450	1180.999	1219.412	1237.971	1231.226	1200.924	1162.450	1137.696	1162.999
47	1102.235	1116.633	1158.848	1199.587	1218.155	1210.143	1179.003	1138.205	1112.383	1138.943
48	1077.691	1092.607	1137.347	1179.851	1199.487	1191.216	1156.923	1113.869	1086.042	1114.248
49	1051.849	1067.992	1114.927	1159.158	1179.452	1170.303	1134.443	1089.295	1059.920	1089.743
50	1026.346	1043.417	1093.325	1139.053	1160.475	1150.148	1112.472	1064.770	1033.570	1064.600
51	1000.145	1018.982	1070.567	1118.369	1140.011	1129.933	1090.292	1039.327	1006.341	1039.157
52	974.353	992.941	1047.858	1097.406	1119.427	1108.811	1067.164	1013.604	979.411	1013.604
53	948.072	968.506	1025.348	1076.663	1099.751	1088.217	1044.286	987.942	951.414	987.483

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CANDELA TABULATION - (Cont.)

54	920.673	942.514	1001.931	1055.361	1078.618	1066.426	1020.738	962.200	923.696	962.140
55	894.023	916.941	979.541	1034.707	1059.132	1045.812	997.989	936.398	895.789	935.639
56	866.485	890.471	956.852	1013.714	1038.738	1025.228	975.500	910.037	866.924	909.219
57	839.096	864.459	933.045	992.083	1016.857	1003.118	951.075	883.018	838.308	882.788
58	810.870	838.747	910.436	971.988	997.810	983.223	928.805	856.996	809.044	855.629
59	782.663	811.788	886.111	950.017	976.558	960.833	904.489	829.877	779.959	829.198
60	755.105	785.546	863.771	929.463	956.882	940.469	881.721	803.386	750.635	801.980
61	726.240	759.555	840.812	908.391	936.438	919.236	858.832	776.337	720.742	775.140
62	696.995	732.007	817.155	886.280	915.205	897.755	835.175	748.729	690.959	748.100
63	668.320	705.785	794.367	866.425	895.310	877.221	812.107	722.139	660.657	720.822
64	639.674	678.746	770.859	845.292	875.065	856.118	788.590	694.790	630.395	693.323
65	611.377	652.365	748.819	825.038	855.639	836.273	766.130	668.090	600.033	666.693
66	583.081	627.122	725.242	803.756	834.836	814.372	741.785	640.821	569.621	639.424
67	554.775	601.889	703.321	783.810	815.499	794.666	720.263	615.079	539.100	612.665
68	525.331	576.655	680.782	763.556	795.514	773.663	697.454	589.397	508.209	585.306
69	495.418	549.666	658.272	743.451	775.579	753.748	674.516	563.704	477.747	559.105
70	465.295	523.555	632.460	723.456	756.861	734.012	652.964	537.334	446.607	532.155
71	435.762	497.393	614.820	703.301	736.936	713.478	632.640	510.514	416.186	505.924
72	405.530	471.182	597.229	683.466	718.198	693.792	612.335	484.422	385.604	480.292
73	376.046	445.640	575.827	664.368	698.931	674.376	592.031	458.531	355.213	454.290
74	346.602	420.576	555.034	644.753	679.953	654.441	570.689	432.968	325.100	429.296
75	316.849	395.442	533.742	627.461	661.245	638.916	549.656	407.904	295.367	404.133
76	288.323	371.306	513.797	610.210	642.637	620.726	529.142	383.439	265.703	379.987
77	258.819	347.440	493.482	592.949	626.214	602.487	508.987	359.443	236.778	355.991
78	231.371	324.511	474.116	574.790	609.811	584.438	489.122	336.315	208.093	332.713
79	203.832	302.072	454.779	556.660	593.418	565.929	469.446	313.825	180.834	310.503
80	176.753	279.902	435.931	538.641	576.027	547.810	450.389	291.795	155.122	288.742
81	150.891	259.617	417.812	521.230	558.566	530.339	431.880	270.942	129.409	267.649
82	126.017	239.562	399.533	504.038	541.634	513.008	413.841	251.046	103.747	247.854
83	103.009	220.535	382.322	486.977	524.772	496.026	395.991	231.730	81.487	228.657
84	80.769	202.505	365.190	470.713	508.309	479.174	378.849	213.361	61.173	210.408
85	60.544	185.055	348.418	453.861	491.556	462.641	361.788	196.130	42.904	193.176
86	43.662	169.200	332.464	438.166	475.912	446.498	345.544	179.926	30.112	176.993
87	26.830	154.044	316.899	422.521	460.167	430.793	329.830	164.660	17.331	161.857
88	14.098	140.155	301.693	407.076	444.512	415.218	314.604	150.562	4.650	148.437
89	5.029	127.125	287.415	392.309	430.064	400.271	299.797	137.332	0.509	135.017
90	2.684	115.301	273.147	377.493	414.829	385.345	285.469	125.179	0.249	121.607
91	0.459	104.535	260.036	363.893	401.119	371.476	272.029	114.214	0.259	110.522
92	0.449	94.528	246.836	349.465	386.233	357.018	258.320	103.747	0.269	100.534
93	0.469	85.857	234.673	336.554	373.062	343.758	246.157	94.687	0.299	91.345
94	0.519	77.855	222.750	323.204	359.663	330.358	233.765	86.416	0.339	83.004
95	0.579	70.611	211.346	310.403	346.243	317.467	222.211	78.783	0.359	75.590
96	0.609	64.425	200.739	298.530	333.950	305.195	211.156	72.108	0.389	68.865
97	0.649	59.207	189.954	285.978	321.099	292.853	200.290	65.922	0.429	62.899
98	0.708	53.999	180.365	274.584	309.336	281.308	190.183	60.983	0.469	57.531
99	0.768	48.800	170.797	263.429	297.562	269.585	180.325	56.044	0.509	52.821
100	0.828	44.869	161.936	252.513	286.108	258.689	171.315	51.105	0.559	48.561
101	0.878	41.397	153.535	242.136	275.172	248.053	162.385	47.184	0.589	44.819
102	0.928	38.314	145.354	231.690	264.047	237.507	154.034	43.792	0.629	41.507
103	0.978	35.580	137.910	222.141	253.880	227.719	146.192	40.768	0.668	38.454
104	1.018	33.136	130.597	212.303	243.414	217.761	138.479	37.955	0.698	35.810
105	1.068	31.000	123.822	203.284	233.665	208.721	131.615	35.620	0.728	33.335
106	1.098	29.015	117.347	194.414	224.097	199.482	124.730	33.365	0.698	31.130
107	1.098	27.329	111.350	186.062	215.067	191.041	118.484	31.409	0.718	29.204
108	1.137	25.712	105.563	177.871	206.087	182.690	112.468	29.643	0.768	27.359
109	1.197	24.315	100.125	170.028	197.527	174.628	106.661	27.967	0.818	25.732

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CANDELA TABULATION - (Cont.)

110	1.267	23.018	95.106	162.555	189.255	166.965	101.362	26.510	0.888	24.246
111	1.317	21.801	90.068	155.202	181.133	159.512	96.164	25.124	0.948	22.869
112	1.377	20.783	85.797	148.447	173.660	152.508	91.495	23.896	1.028	21.651
113	1.437	19.766	81.437	141.762	166.107	145.703	86.985	22.759	1.088	20.464
114	1.487	18.888	77.496	135.446	159.113	139.217	82.734	21.701	1.147	19.446
115	1.557	18.059	73.685	129.220	152.089	132.981	78.643	20.713	1.217	18.479
116	1.626	17.291	70.033	123.313	145.433	126.815	74.882	19.845	1.287	17.591
117	1.676	16.643	66.730	117.895	139.098	121.268	71.330	19.027	1.357	16.772
118	1.746	15.964	63.567	112.298	132.852	115.571	67.858	18.249	1.437	16.024
119	1.796	15.435	60.394	107.399	127.155	110.532	64.745	17.561	1.517	15.306
120	1.876	14.877	57.232	102.340	121.368	105.373	61.711	16.892	1.596	14.687
121	1.946	14.388	54.548	97.701	115.970	100.554	58.688	16.303	1.676	14.078
122	2.005	13.949	52.053	93.281	110.731	95.994	55.655	15.745	1.746	13.530
123	2.095	13.490	49.499	88.811	105.613	91.505	53.071	15.226	1.836	13.031
124	2.155	13.160	47.334	84.909	100.903	87.424	50.566	14.747	1.896	12.532
125	2.255	12.771	45.089	80.998	96.394	83.393	48.302	14.298	1.986	12.033
126	2.325	12.452	43.033	77.217	91.894	79.551	46.077	13.879	2.065	11.634
127	2.415	12.143	41.128	73.774	87.823	75.910	43.961	13.470	2.155	11.225
128	2.524	11.853	39.152	70.153	83.562	72.308	41.896	13.131	2.235	10.856
129	2.614	11.624	37.496	67.000	79.831	69.025	40.090	12.801	2.325	10.496
130	2.724	11.345	35.740	64.765	76.099	65.633	38.184	12.462	2.415	10.177
131	2.834	11.145	34.143	61.203	72.487	62.550	36.568	12.203	2.504	9.868
132	2.933	10.945	32.637	57.621	69.125	59.466	34.812	11.913	2.574	9.569
133	3.043	10.756	31.090	54.737	65.673	56.393	33.215	11.694	2.664	9.249
134	3.173	10.586	29.743	52.123	62.530	53.709	31.759	11.464	2.754	8.740
135	3.283	10.397	28.436	49.659	59.387	51.105	30.302	11.215	2.814	8.561
136	3.392	10.247	27.189	47.194	56.244	48.611	28.985	11.015	2.894	8.371
137	3.512	10.077	26.052	44.939	53.520	46.246	27.738	10.786	2.973	8.232
138	3.662	9.958	24.964	42.744	50.846	43.971	26.530	10.586	3.063	8.072
139	3.811	9.848	23.936	40.649	48.331	41.856	25.473	10.457	3.133	7.882
140	3.941	9.768	23.028	38.683	45.907	39.771	24.395	10.317	3.203	7.703
141	4.081	9.688	22.150	36.797	43.562	37.805	23.437	10.207	3.303	7.493
142	4.250	9.578	21.302	34.991	41.337	36.019	22.539	10.117	3.402	7.284
143	4.390	9.519	20.494	33.315	39.242	34.213	21.631	10.037	3.462	7.094
144	4.470	9.439	19.686	31.699	37.236	32.557	20.793	9.958	3.502	6.895
145	4.540	9.399	18.957	30.182	35.341	30.960	19.955	9.888	3.522	6.735
146	4.620	9.359	18.239	28.716	33.525	29.424	19.177	9.698	3.542	6.575
147	4.699	9.319	17.561	27.299	31.779	28.017	18.449	9.429	3.572	6.356
148	4.809	9.299	16.972	26.022	30.172	26.640	17.770	9.409	3.612	6.266
149	4.899	9.259	16.353	24.744	28.576	25.313	17.112	9.379	3.642	6.106
150	4.989	9.229	15.824	23.547	27.109	24.106	16.523	9.309	3.672	6.046
151	5.059	9.189	15.316	22.430	25.672	22.929	15.924	9.239	3.722	5.927
152	5.128	9.149	14.797	21.352	24.365	21.871	15.415	9.120	3.772	5.757
153	5.218	9.120	14.348	20.344	23.118	20.813	14.877	9.040	3.821	5.627
154	5.298	9.090	13.919	19.406	21.951	19.825	14.388	8.830	3.871	5.558
155	5.368	9.080	13.500	18.479	20.843	18.888	13.919	8.710	3.931	5.528
156	5.438	9.050	13.091	17.620	19.756	17.950	13.460	8.591	3.991	5.508
157	5.498	9.040	12.731	16.842	18.768	17.132	13.051	8.581	4.041	5.478
158	5.558	9.010	12.362	16.074	17.800	16.333	12.652	8.461	4.101	5.418
159	5.607	9.000	12.033	15.375	16.882	15.575	12.183	8.421	4.151	5.208
160	5.637	8.970	11.714	14.707	16.064	14.897	11.754	8.281	4.191	4.919
161	5.657	8.930	11.374	14.048	15.236	14.218	11.295	8.192	4.231	4.670
162	5.667	8.910	11.095	13.470	14.507	13.589	10.736	8.002	4.260	4.480
163	5.667	8.880	10.786	12.881	13.809	13.001	10.317	7.862	4.290	4.350
164	5.667	8.860	10.516	12.372	13.160	12.442	9.858	7.822	4.320	4.270
165	5.647	8.840	10.217	11.863	12.552	11.913	9.459	7.802	4.340	4.240

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CANDELA TABULATION - (Cont.)

166	5.627	8.820	9.938	11.374	11.983	11.414	8.880	7.812	4.380	4.250
167	5.627	8.800	9.698	10.945	11.454	10.935	8.421	7.852	4.450	4.340
168	5.647	8.770	9.469	10.526	10.955	10.397	8.122	7.892	4.550	4.460
169	5.707	8.740	9.279	10.127	10.506	9.868	8.042	7.812	4.670	4.600
170	5.787	8.641	9.100	9.768	10.047	9.339	7.942	7.663	4.779	4.729
171	5.827	8.471	8.950	9.449	9.638	8.840	7.912	7.553	4.849	4.829
172	5.847	7.992	8.840	9.189	9.299	8.311	7.862	7.363	4.929	4.919
173	5.837	7.483	8.750	8.970	9.000	7.922	7.793	7.184	4.999	4.989
174	5.797	7.094	8.661	8.810	8.780	7.583	7.703	6.875	5.059	5.049
175	5.727	6.725	8.461	8.681	8.621	7.254	7.483	6.575	5.059	5.059
176	5.647	6.356	7.822	8.521	8.491	7.004	7.054	6.286	5.059	5.069
177	5.548	5.987	7.014	8.082	8.192	6.505	6.535	5.997	5.079	5.089
178	5.448	5.677	6.366	7.034	7.543	5.997	6.007	5.687	5.119	5.119
179	5.348	5.368	5.717	5.987	6.485	5.448	5.488	5.368	5.168	5.168
180	5.258	5.258	5.258	5.258	5.258	5.258	5.258	5.258	5.258	5.258

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	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361	1741.361
1	1741.341	1741.361	1741.141	1741.151	1740.912	1740.283	1740.942
2	1740.712	1741.131	1740.712	1740.064	1739.644	1739.016	1739.664
3	1740.044	1739.624	1739.624	1738.756	1738.108	1737.050	1737.729
4	1738.337	1738.327	1738.128	1736.841	1735.763	1734.276	1735.194
5	1735.514	1735.723	1735.514	1734.416	1733.119	1731.183	1732.401
6	1733.349	1733.359	1732.939	1731.423	1729.497	1726.933	1728.619
7	1729.547	1729.966	1729.348	1727.841	1725.486	1722.513	1724.079
8	1725.666	1726.314	1725.885	1723.521	1720.737	1717.744	1719.450
9	1721.196	1721.844	1721.046	1719.310	1715.668	1711.787	1713.802
10	1716.147	1717.215	1716.177	1713.783	1710.151	1705.641	1707.706
11	1710.091	1711.597	1710.979	1708.155	1704.064	1699.135	1701.311
12	1704.034	1705.541	1705.341	1702.119	1696.990	1691.413	1693.867
13	1697.469	1699.205	1698.577	1694.915	1690.205	1683.570	1685.696
14	1689.447	1692.031	1691.612	1687.531	1681.974	1674.900	1677.404
15	1681.655	1684.458	1683.830	1680.188	1673.353	1665.860	1668.484
16	1673.004	1676.227	1675.828	1671.697	1664.633	1656.501	1658.876
17	1664.403	1667.626	1667.666	1662.687	1654.775	1646.414	1649.058
18	1654.675	1658.726	1658.327	1653.558	1645.216	1636.037	1638.342
19	1644.578	1648.888	1648.719	1644.159	1634.500	1624.214	1627.287
20	1634.071	1639.699	1639.270	1633.842	1623.795	1612.660	1615.314
21	1622.797	1629.023	1628.614	1622.986	1612.081	1600.078	1602.911
22	1611.402	1617.419	1617.678	1611.592	1600.048	1587.217	1589.781
23	1599.319	1605.965	1606.653	1599.918	1587.716	1573.368	1576.002
24	1586.159	1593.702	1594.610	1587.646	1574.585	1559.798	1562.402
25	1572.859	1581.250	1582.368	1574.974	1561.075	1545.430	1547.276
26	1559.319	1568.379	1569.706	1561.894	1546.907	1529.965	1532.310
27	1545.091	1555.189	1556.316	1548.943	1533.088	1514.679	1516.725
28	1530.135	1540.731	1542.926	1534.435	1517.543	1498.456	1499.913
29	1515.148	1526.533	1528.957	1520.177	1502.676	1482.252	1483.390
30	1499.524	1511.996	1514.889	1505.311	1486.922	1465.091	1465.949
31	1483.260	1496.610	1499.683	1489.706	1470.199	1447.530	1448.199
32	1466.797	1481.414	1484.697	1474.460	1454.205	1430.020	1430.099
33	1449.735	1465.400	1468.753	1458.276	1436.894	1412.020	1411.860
34	1432.474	1448.957	1452.998	1442.302	1420.032	1393.242	1392.354
35	1414.963	1432.384	1436.754	1425.679	1401.943	1374.095	1372.110
36	1397.163	1415.682	1420.501	1409.436	1384.352	1354.788	1352.234

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CANDELA TABULATION - (Cont.)

37	1378.805	1398.800	1404.148	1392.185	1365.744	1335.153	1331.571
38	1359.737	1381.040	1386.527	1374.285	1347.505	1318.131	1311.206
39	1340.950	1363.299	1369.775	1357.153	1328.328	1301.119	1288.827
40	1322.122	1345.559	1352.005	1339.203	1312.284	1284.017	1266.836
41	1305.250	1327.380	1334.334	1321.224	1296.240	1261.767	1244.676
42	1288.378	1311.985	1317.622	1305.769	1280.086	1239.627	1221.807
43	1271.396	1296.589	1301.997	1290.313	1259.253	1217.177	1199.028
44	1250.333	1281.184	1286.372	1274.848	1238.619	1194.428	1175.112
45	1228.991	1261.209	1270.657	1254.983	1217.397	1171.041	1151.714
46	1207.150	1241.243	1251.690	1235.287	1196.145	1147.634	1126.970
47	1186.217	1221.697	1232.313	1215.850	1174.673	1124.086	1102.235
48	1163.338	1200.694	1212.268	1195.197	1152.802	1099.761	1077.691
49	1141.687	1181.019	1193.052	1175.461	1130.961	1075.585	1051.849
50	1119.357	1160.235	1172.927	1154.698	1108.960	1051.200	1026.346
51	1096.538	1139.322	1152.972	1134.164	1086.780	1026.126	1000.145
52	1074.139	1118.898	1132.797	1113.790	1064.291	1001.262	974.353
53	1050.591	1097.736	1112.842	1092.817	1041.891	976.039	948.072
54	1028.162	1077.152	1092.847	1072.213	1019.292	950.925	920.673
55	1004.764	1056.139	1072.133	1051.260	996.413	925.023	894.023
56	981.576	1034.438	1052.028	1030.546	973.834	899.401	866.485
57	958.488	1013.774	1031.684	1009.623	951.195	873.599	839.096
58	934.672	992.751	1010.691	988.461	927.987	847.068	810.870
59	911.524	971.818	990.636	967.518	905.298	821.456	782.663
60	888.655	950.746	970.501	946.725	882.439	794.965	755.105
61	865.008	928.994	949.478	925.812	859.291	768.614	726.240
62	842.389	908.680	930.132	905.068	837.061	742.743	696.995
63	818.492	887.069	909.159	884.115	814.052	715.933	668.320
64	795.744	866.375	889.094	863.382	791.553	689.732	639.674
65	772.516	845.791	868.909	843.057	769.004	663.351	611.377
66	749.647	825.148	848.944	822.204	746.604	636.950	583.081
67	727.187	804.574	829.019	801.960	724.144	610.859	554.775
68	704.429	784.140	809.303	781.974	702.184	584.528	525.331
69	682.318	763.755	789.767	761.371	680.033	558.855	495.418
70	660.048	743.940	770.410	742.044	658.571	532.864	465.295
71	637.868	723.386	750.625	721.750	636.760	507.451	435.762
72	616.446	703.850	731.647	702.373	615.718	482.447	405.530
73	594.745	684.074	712.500	682.957	594.595	457.283	376.046
74	573.792	664.877	693.393	663.590	573.802	432.748	346.602
75	553.038	645.820	675.214	644.842	553.547	408.523	316.849
76	532.285	626.494	656.237	625.795	533.173	385.056	288.323
77	512.539	608.344	638.417	607.646	513.537	361.528	258.819
78	492.065	589.167	619.888	588.858	493.811	338.949	231.371
79	473.267	571.517	602.467	571.238	475.073	317.278	203.832
80	454.120	553.388	584.747	553.438	456.286	295.786	176.753
81	435.263	535.538	567.356	535.667	437.857	275.581	150.891
82	417.553	518.825	550.504	518.995	420.117	255.456	126.017
83	399.563	501.095	533.343	501.923	402.476	236.888	103.009
84	382.382	484.822	517.079	485.211	385.335	218.609	80.769
85	365.579	468.329	500.736	469.067	369.032	201.767	60.544
86	349.096	452.125	484.752	452.714	352.778	185.454	43.662
87	333.521	436.600	469.087	437.268	336.894	170.148	26.830
88	318.126	421.174	454.091	422.052	322.117	156.628	14.098
89	303.139	405.779	438.695	407.036	306.961	143.109	5.029
90	289.031	391.292	424.188	392.160	292.982	129.599	2.684
91	274.773	376.644	409.431	377.951	279.044	118.125	0.459
92	261.882	363.005	395.652	364.103	265.833	107.848	0.449

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CANDELA TABULATION - (Cont.)

93	248.752	349.056	381.563	350.304	253.162	98.369	0.469
94	236.609	335.766	368.243	337.173	240.690	89.699	0.519
95	224.765	322.945	355.013	324.023	228.866	81.866	0.579
96	213.331	310.024	342.032	311.670	217.432	74.762	0.609
97	202.585	297.981	329.550	299.278	206.656	68.367	0.649
98	192.059	285.828	317.158	287.325	196.030	62.699	0.708
99	182.251	274.444	305.444	275.811	186.262	57.621	0.768
100	172.712	263.010	293.641	264.606	176.524	52.971	0.828
101	163.922	252.314	282.506	253.621	167.524	48.970	0.878
102	155.371	241.608	271.471	243.174	158.953	45.268	0.928
103	147.329	231.590	260.795	232.877	150.861	42.026	0.978
104	139.287	221.612	250.278	222.999	142.769	39.122	1.018
105	131.285	212.144	240.211	213.640	134.708	36.388	1.068
106	124.411	203.044	230.642	204.261	127.594	34.064	1.098
107	117.985	194.044	220.944	195.461	121.008	31.809	1.098
108	111.839	185.633	211.934	186.930	114.782	29.903	1.137
109	106.112	177.362	203.024	178.669	108.846	28.057	1.197
110	100.494	169.420	194.374	170.717	103.278	26.411	1.267
111	95.545	162.066	186.481	163.323	98.060	24.954	1.317
112	90.537	154.663	178.180	155.840	92.991	23.507	1.377
113	85.987	147.619	170.757	148.806	88.292	22.300	1.437
114	81.667	140.574	163.263	141.762	83.842	21.093	1.487
115	77.496	133.530	156.209	134.728	79.561	20.045	1.557
116	73.625	127.574	149.285	128.641	75.610	19.077	1.626
117	69.883	121.547	142.360	122.665	71.809	18.139	1.676
118	66.351	116.030	135.456	117.107	68.197	17.321	1.746
119	63.048	110.602	129.230	111.520	64.814	16.533	1.796
120	59.896	105.513	123.583	106.481	61.532	15.814	1.876
121	56.912	100.524	117.806	101.432	58.509	15.156	1.946
122	54.049	95.745	112.398	96.623	55.545	14.537	2.005
123	51.295	91.185	107.239	92.083	52.732	13.959	2.095
124	48.790	86.925	102.260	87.633	50.137	13.410	2.155
125	46.296	82.654	97.361	83.443	47.533	12.901	2.255
126	44.001	78.713	92.862	79.382	45.199	12.382	2.325
127	41.766	74.772	88.262	75.481	42.834	11.863	2.415
128	39.591	71.060	84.051	71.799	40.758	11.474	2.524
129	37.596	67.548	79.970	68.247	38.723	11.115	2.614
130	35.640	64.056	75.959	64.765	36.738	10.766	2.724
131	33.844	60.853	72.238	61.562	34.971	10.457	2.834
132	32.078	57.611	68.476	58.349	33.086	10.157	2.933
133	30.412	54.617	65.014	55.356	31.499	9.888	3.043
134	28.835	51.764	61.692	52.552	29.923	9.638	3.173
135	27.249	48.890	58.369	49.718	28.426	9.419	3.283
136	25.782	46.226	55.226	47.194	27.129	9.229	3.392
137	24.385	43.622	52.223	44.690	25.782	9.040	3.512
138	23.038	41.138	49.269	42.235	24.545	8.870	3.662
139	21.791	38.823	46.645	40.060	23.417	8.720	3.811
140	20.554	36.548	43.961	37.875	22.330	8.581	3.941
141	19.386	34.343	41.427	35.869	21.342	8.441	4.081
142	18.269	32.238	39.022	33.914	20.444	8.341	4.250
143	17.211	30.252	36.708	32.118	19.556	8.261	4.390
144	16.184	28.306	34.562	30.412	18.828	8.212	4.470
145	15.196	26.501	32.437	28.765	18.059	8.182	4.540
146	14.278	24.734	30.462	27.199	17.361	8.132	4.620
147	13.460	23.058	28.536	25.722	16.722	8.122	4.699
148	12.632	21.522	26.730	24.315	16.134	8.092	4.809

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CANDELA TABULATION - (Cont.)

149	11.813	20.075	25.054	22.988	15.595	8.082	4.899
150	11.105	18.718	23.378	21.721	15.016	8.072	4.989
151	10.506	17.491	21.891	20.514	14.487	8.062	5.059
152	9.898	16.323	20.444	19.396	13.979	8.072	5.128
153	9.080	15.206	19.077	18.319	13.460	8.062	5.218
154	8.700	14.228	17.850	17.321	12.991	8.082	5.298
155	8.212	13.320	16.653	16.333	12.522	8.072	5.368
156	7.882	12.412	15.555	15.455	12.053	8.082	5.438
157	7.294	11.514	14.527	14.557	11.604	8.052	5.498
158	6.974	10.786	13.629	13.729	11.205	8.022	5.558
159	6.635	10.197	12.731	12.981	10.806	7.982	5.607
160	6.356	9.588	11.823	12.233	10.397	7.902	5.637
161	6.156	9.010	11.125	11.484	10.018	7.812	5.657
162	6.016	8.481	10.506	10.856	9.638	7.703	5.667
163	5.857	7.802	9.928	10.287	9.289	7.603	5.667
164	5.747	7.264	9.429	9.778	8.970	7.493	5.667
165	5.797	6.655	8.980	9.309	8.671	7.383	5.647
166	5.917	6.446	8.611	8.910	8.381	7.284	5.627
167	6.056	6.196	8.241	8.531	8.102	7.194	5.627
168	6.166	6.007	7.812	8.192	7.862	7.114	5.647
169	6.116	5.937	7.363	7.852	7.623	7.034	5.707
170	6.016	5.927	6.914	7.553	7.393	6.994	5.787
171	5.957	6.007	6.515	7.314	7.224	7.004	5.827
172	5.737	6.206	6.196	7.134	7.124	7.064	5.847
173	5.488	6.386	5.837	7.074	7.124	7.144	5.837
174	5.258	6.376	5.498	7.134	7.204	7.094	5.797
175	5.128	6.136	5.518	7.204	7.204	6.555	5.727
176	5.049	5.627	5.587	6.865	6.805	5.707	5.647
177	4.969	5.158	5.158	6.356	5.817	5.168	5.548
178	4.929	4.929	4.809	5.577	5.029	4.929	5.448
179	5.039	4.889	4.650	4.520	4.809	4.969	5.348
180	5.258	5.258	5.258	5.258	5.258	5.258	5.258

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	638.45	N.A.	10.30
0-30	1360.79	N.A.	21.90
0-40	2241.77	N.A.	36.00
0-60	4061.67	N.A.	65.20
0-80	5354.52	N.A.	86.00
0-90	5710.64	N.A.	91.70
10-90	5545.77	N.A.	89.10
20-40	1603.32	N.A.	25.80
20-50	2539.8	N.A.	40.80
40-70	2562.61	N.A.	41.20
60-80	1292.86	N.A.	20.80
70-80	550.14	N.A.	8.80
80-90	356.12	N.A.	5.70
90-110	350.33	N.A.	5.60
90-120	427.54	N.A.	6.90
90-130	471.20	N.A.	7.60
90-150	506.65	N.A.	8.10
90-180	515.47	N.A.	8.30
110-180	165.14	N.A.	2.70
0-180	6226.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	164.87
10-20	473.59
20-30	722.34
30-40	880.98
40-50	936.48
50-60	883.41
60-70	742.72
70-80	550.14
80-90	356.12
90-100	218.46
100-110	131.87
110-120	77.21
120-130	43.65
130-140	23.51
140-150	11.95
150-160	5.72
160-170	2.44
170-180	0.66

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT6226LMWT35120-277V.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	117	117	117	117	113	113	113	113	107	107	107	100	100	100	94	94	94	92
1	105	99	94	90	101	96	92	87	90	87	83	85	82	79	80	78	75	72
2	95	85	78	72	91	83	76	70	78	72	67	73	68	64	69	65	62	59
3	86	74	66	59	83	72	64	58	68	61	56	64	58	53	60	56	52	49
4	78	66	56	49	75	64	55	48	60	53	47	57	50	45	54	48	44	41
5	72	58	49	42	69	57	48	41	54	46	40	51	44	39	48	42	38	35
6	66	52	43	37	64	51	42	36	48	41	35	46	39	34	44	38	33	31
7	61	47	38	32	59	46	38	32	44	36	31	42	35	30	40	34	29	27
8	57	43	34	28	55	42	34	28	40	33	27	38	32	27	36	31	26	24
9	53	40	31	26	51	39	31	25	37	30	25	35	29	24	34	28	24	22
10	50	36	28	23	48	36	28	23	34	27	22	33	26	22	31	25	21	20

IES INDOOR REPORT
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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

X=2H	Y=2H	17.8	19.3	18.2	19.8	20.3	19.8	21.4	20.3	21.9	22.4
	3H	19.3	20.7	19.8	21.1	21.7	22.3	23.7	22.8	24.2	24.8
	4H	19.7	21.1	20.3	21.6	22.1	23.6	24.9	24.1	25.4	25.9
	6H	20.0	21.2	20.5	21.8	22.3	24.8	26.1	25.4	26.6	27.2
	8H	20.1	21.2	20.6	21.8	22.4	25.5	26.7	26.0	27.2	27.8
	12H	20.1	21.2	20.6	21.7	22.4	26.2	27.3	26.8	27.9	28.5

UGR Viewed Endwise

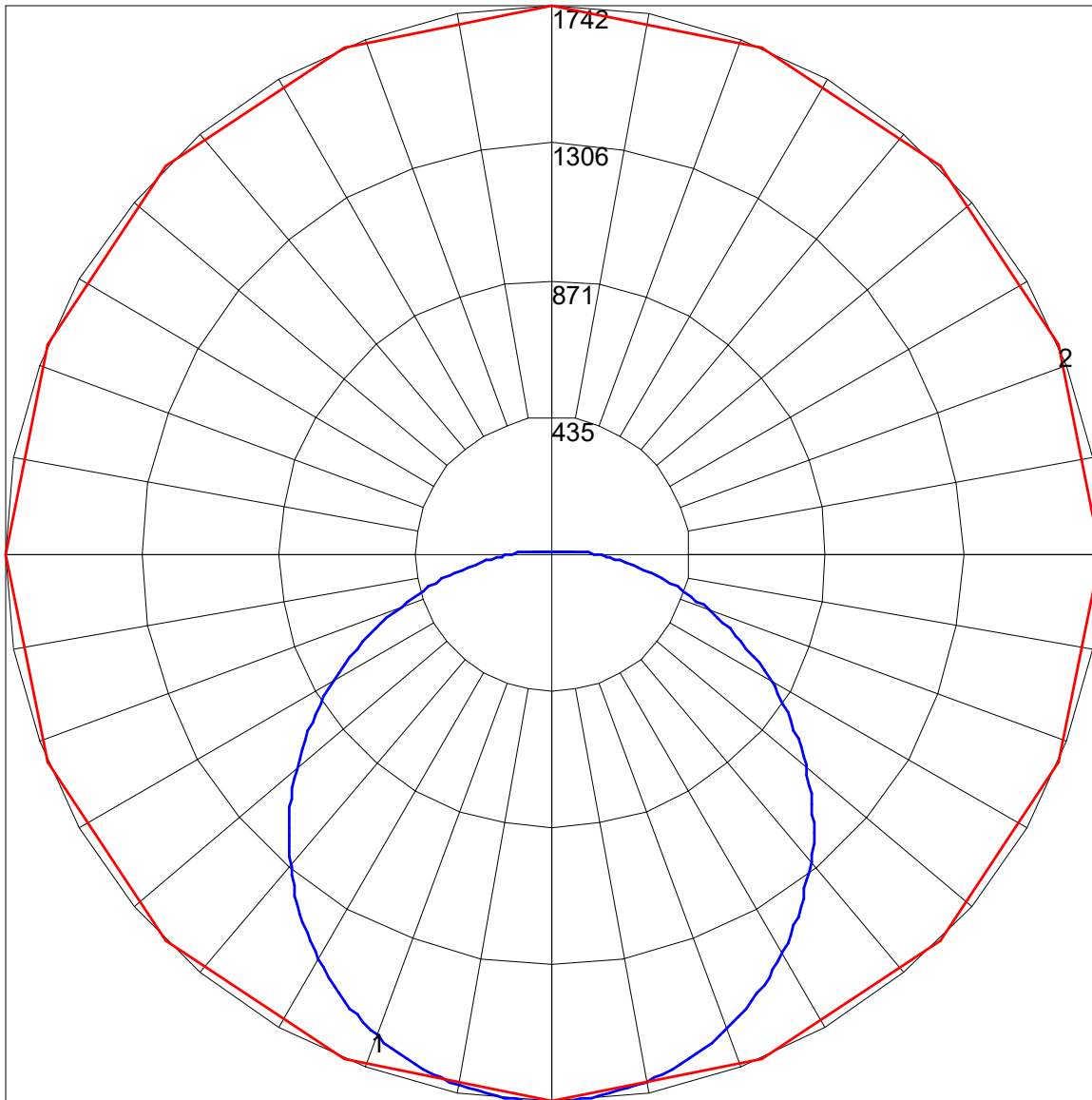
4H	2H	18.6	20.0	19.2	20.5	21.0	20.3	21.6	20.8	22.1	22.7
	3H	20.4	21.5	20.9	22.1	22.6	23.0	24.1	23.5	24.7	25.2
	4H	21.0	22.0	21.5	22.6	23.2	24.4	25.4	24.9	26.0	26.6
	6H	21.4	22.3	22.0	22.9	23.5	25.8	26.7	26.4	27.3	28.0
	8H	21.5	22.3	22.1	22.9	23.6	26.6	27.4	27.2	28.0	28.7
	12H	21.5	22.3	22.1	22.9	23.6	27.4	28.2	28.0	28.8	29.5

8H	4H	21.7	22.6	22.3	23.1	23.8	24.6	25.4	25.1	26.0	26.7
	6H	22.3	23.0	22.9	23.6	24.3	26.2	26.9	26.8	27.6	28.2
	8H	22.4	23.1	23.1	23.7	24.4	27.1	27.8	27.7	28.4	29.0
	12H	22.6	23.2	23.2	23.8	24.5	28.1	28.7	28.7	29.3	30.0

12H	4H	21.9	22.7	22.5	23.3	23.9	24.6	25.4	25.2	26.0	26.6
	6H	22.6	23.2	23.2	23.8	24.5	26.2	26.9	26.9	27.5	28.2
	8H	22.9	23.4	23.5	24.1	24.8	27.2	27.8	27.8	28.4	29.1

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 1741.59 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.)