



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] DG3211126-60857E-10
 [TESTLAB] BACL
 [TESTDATE] 2021-12-02
 [ISSUEDATE] 2021-12-02 13:13:57
 [LAMPPOSITION] 0,0
 [OTHER]
 [MANUFAC] BEGHELLI
 [LUMCAT] SWLSEL4HT4941LMWT40120-277V_P
 [LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4941
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	34
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	9066	7186	6949
55	8522	6462	6331
65	7682	5706	5757
75	6112	4993	5272
85	2688	4393	4995

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

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	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957
1	1381.625	1381.442	1381.466	1381.632	1381.632	1381.632	1382.131	1382.139	1381.791	1382.108
2	1380.611	1380.429	1380.769	1380.777	1380.944	1381.284	1381.965	1381.807	1381.276	1381.435
3	1379.075	1378.901	1379.241	1379.415	1379.922	1380.263	1381.118	1381.126	1380.239	1380.571
4	1377.064	1377.388	1377.230	1377.737	1378.251	1378.758	1379.439	1379.613	1378.711	1379.384
5	1374.847	1374.839	1374.839	1375.686	1376.201	1377.040	1377.895	1378.243	1376.628	1377.293
6	1371.845	1372.004	1372.170	1372.946	1373.968	1374.720	1375.900	1375.915	1374.411	1374.926
7	1368.243	1368.409	1369.090	1370.270	1370.974	1372.146	1372.827	1373.168	1370.887	1371.901
8	1364.569	1364.569	1365.455	1366.651	1367.847	1368.955	1369.810	1370.159	1367.641	1368.654
9	1360.087	1360.594	1361.425	1362.945	1364.664	1365.155	1366.366	1366.200	1363.595	1364.608
10	1355.249	1355.589	1356.753	1358.598	1360.309	1360.974	1362.185	1362.019	1359.390	1360.095
11	1350.173	1350.339	1351.836	1354.037	1356.064	1357.054	1357.949	1357.941	1354.093	1355.455
12	1344.266	1344.607	1346.444	1348.471	1351.036	1352.034	1352.747	1352.414	1348.795	1350.324
13	1337.781	1338.454	1340.600	1343.458	1346.024	1347.022	1347.584	1347.085	1342.579	1344.266
14	1331.201	1331.898	1334.210	1338.090	1340.315	1341.653	1341.883	1341.035	1336.039	1338.248
15	1324.122	1324.803	1327.614	1331.700	1334.265	1335.429	1335.445	1334.439	1329.340	1331.557
16	1316.497	1317.178	1320.677	1324.969	1327.875	1329.031	1328.849	1327.843	1321.960	1324.518
17	1308.705	1309.212	1313.060	1317.486	1321.271	1322.079	1321.572	1319.981	1314.097	1317.019
18	1300.201	1301.222	1305.229	1310.170	1314.105	1314.913	1314.081	1312.434	1305.546	1308.610
19	1291.427	1292.124	1297.113	1303.028	1306.155	1307.604	1306.298	1304.429	1296.851	1300.446
20	1281.925	1283.105	1288.260	1294.555	1298.807	1299.789	1298.308	1295.766	1288.022	1291.617
21	1272.083	1272.914	1279.098	1286.059	1290.501	1291.467	1289.313	1286.439	1278.204	1281.933
22	1261.662	1263.183	1269.367	1277.325	1282.115	1282.741	1280.080	1276.683	1267.862	1272.091
23	1250.727	1252.572	1259.611	1267.791	1272.914	1273.698	1270.792	1266.904	1257.038	1261.781
24	1239.935	1241.114	1248.993	1257.806	1263.634	1263.887	1260.530	1256.143	1245.747	1250.703
25	1227.930	1229.934	1238.121	1247.861	1253.847	1254.077	1250.205	1245.161	1234.225	1239.847
26	1216.053	1218.104	1227.289	1237.480	1243.838	1244.036	1239.713	1233.434	1222.285	1227.938
27	1203.685	1205.910	1215.942	1226.846	1233.521	1233.568	1228.200	1221.390	1209.829	1215.800
28	1190.342	1193.066	1203.922	1215.499	1222.673	1222.712	1216.678	1209.037	1196.416	1203.273
29	1177.230	1180.175	1191.577	1203.970	1211.302	1211.025	1204.643	1196.645	1183.374	1190.366
30	1163.388	1166.635	1178.884	1192.306	1200.486	1199.923	1192.464	1183.105	1168.979	1176.952
31	1149.302	1152.643	1165.883	1180.326	1188.371	1187.539	1179.708	1169.636	1154.987	1163.190
32	1134.938	1138.699	1152.881	1168.044	1176.596	1175.757	1167.039	1155.993	1140.101	1149.135
33	1120.463	1124.399	1139.230	1155.391	1164.117	1162.969	1153.364	1141.177	1125.642	1134.740
34	1104.983	1109.425	1125.483	1142.151	1151.558	1149.927	1139.404	1126.853	1110.296	1120.012
35	1088.917	1094.380	1111.452	1129.514	1138.937	1137.598	1126.093	1111.460	1094.087	1104.793
36	1073.143	1078.243	1096.471	1115.174	1125.816	1123.417	1111.278	1095.806	1077.887	1089.408
37	1056.745	1062.675	1082.257	1102.497	1113.487	1110.732	1097.239	1080.238	1061.804	1073.587
38	1040.583	1046.403	1066.571	1087.697	1098.997	1095.932	1081.885	1063.737	1047.211	1057.441
39	1022.823	1029.577	1051.424	1073.951	1085.385	1082.479	1066.611	1047.227	1032.942	1043.268
40	1005.371	1012.711	1036.189	1059.144	1070.958	1067.498	1050.956	1030.226	1018.602	1029.094
41	987.784	995.425	1019.703	1044.384	1056.705	1053.063	1035.175	1013.257	999.551	1014.912
42	969.635	977.894	1004.151	1029.902	1042.523	1038.580	1019.315	995.592	980.903	997.342
43	951.558	959.928	987.056	1014.113	1027.621	1022.831	1002.536	977.451	961.836	979.098
44	932.578	941.977	970.879	999.004	1013.044	1007.881	986.367	959.373	942.539	960.656
45	914.009	923.693	954.393	983.643	997.650	992.139	969.335	941.011	922.720	941.826
46	894.372	905.070	937.250	967.735	982.463	977.110	953.062	922.529	902.884	922.965
47	874.743	886.169	919.671	952.001	966.737	960.379	935.666	903.288	882.795	903.874
48	855.264	867.101	902.607	936.339	951.922	945.358	918.143	883.975	861.891	884.276
49	834.755	847.567	884.815	919.916	936.022	928.761	900.303	864.472	841.161	864.829
50	814.516	828.064	867.671	903.961	920.962	912.766	882.867	845.009	820.249	844.875
51	793.722	808.672	849.610	887.546	904.721	896.724	865.264	824.818	798.640	824.683
52	773.254	788.005	831.588	870.910	888.386	879.961	846.910	804.404	777.268	804.404
53	752.397	768.614	813.724	854.448	872.771	863.617	828.753	784.038	755.049	783.674

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

54	730.653	747.986	795.140	837.542	856.000	846.324	810.066	763.609	733.052	763.562
55	709.503	727.692	777.371	821.151	840.535	829.965	792.012	743.132	710.905	742.531
56	687.649	706.685	759.365	804.491	824.350	813.629	774.164	722.212	687.997	721.563
57	665.913	686.042	740.472	787.324	806.986	796.082	754.780	700.770	665.288	700.587
58	643.512	665.636	722.529	771.377	791.870	780.293	737.107	680.119	642.063	679.034
59	621.127	644.241	703.224	753.941	775.004	762.524	717.810	658.597	618.981	658.058
60	599.257	623.416	685.495	737.629	759.389	746.363	699.740	637.574	595.710	636.457
61	576.349	602.789	667.275	720.906	743.164	729.513	681.576	616.107	571.986	615.157
62	553.141	580.926	648.501	703.359	726.314	712.465	662.801	594.197	548.350	593.698
63	530.384	560.117	630.415	687.601	710.525	696.169	644.494	573.095	524.302	572.050
64	507.650	538.658	611.760	670.830	694.459	679.422	625.831	551.391	500.286	550.227
65	485.194	517.722	594.268	654.756	679.042	663.672	608.007	530.201	476.191	529.093
66	462.738	497.689	575.557	637.867	662.532	646.292	588.686	508.561	452.056	507.452
67	440.273	477.664	558.161	622.038	647.186	630.653	571.606	488.132	427.834	486.215
68	416.906	457.638	540.274	605.964	631.326	613.985	553.505	467.750	403.319	464.503
69	393.167	436.219	522.410	590.008	615.505	598.180	535.301	447.360	379.144	443.710
70	369.262	415.497	501.925	574.140	600.651	582.518	518.197	426.432	354.431	422.323
71	345.824	394.735	487.926	558.145	584.838	566.222	502.068	405.148	330.288	401.505
72	321.831	373.934	473.966	542.404	569.967	550.599	485.954	384.441	306.019	381.163
73	298.433	353.663	456.981	527.248	554.677	535.190	469.840	363.893	281.899	360.528
74	275.066	333.772	440.479	511.681	539.616	519.369	452.903	343.607	258.002	340.693
75	251.454	313.826	423.582	497.958	524.769	507.048	436.211	323.716	234.405	320.723
76	228.815	294.672	407.753	484.267	510.002	492.613	419.931	304.300	210.864	301.561
77	205.401	275.731	391.631	470.569	496.968	478.139	403.936	285.257	187.909	282.517
78	183.617	257.535	376.262	456.157	483.951	463.814	388.171	266.902	165.144	264.044
79	161.763	239.727	360.916	441.770	470.941	449.126	372.556	249.054	143.511	246.417
80	140.273	222.132	345.958	427.469	457.139	434.746	357.432	231.571	123.106	229.148
81	119.748	206.034	331.579	413.652	443.282	420.881	342.744	215.021	102.700	212.408
82	100.008	190.118	317.072	400.009	429.845	407.127	328.427	199.232	82.334	196.698
83	81.749	175.018	303.413	386.468	416.463	393.650	314.261	183.903	64.669	181.464
84	64.099	160.710	289.818	373.562	403.398	380.276	300.658	169.325	48.547	166.981
85	48.048	146.861	276.507	360.188	390.103	367.156	287.118	155.650	34.049	153.306
86	34.650	134.279	263.846	347.732	377.687	354.344	274.227	142.791	23.897	140.463
87	21.292	122.251	251.493	335.316	365.192	341.881	261.755	130.676	13.754	128.451
88	11.189	111.228	239.426	323.059	352.768	329.520	249.672	119.487	3.690	117.801
89	3.991	100.887	228.095	311.340	341.302	317.658	237.921	108.987	0.404	107.150
90	2.130	91.504	216.771	299.581	329.211	305.813	226.550	99.343	0.198	96.508
91	0.364	82.960	206.367	288.788	318.331	294.806	215.885	90.641	0.206	87.711
92	0.356	75.018	195.891	277.338	306.517	283.333	205.005	82.334	0.214	79.785
93	0.372	68.137	186.238	267.092	296.065	272.809	195.352	75.145	0.238	72.492
94	0.412	61.786	176.776	256.497	285.431	262.175	185.518	68.580	0.269	65.872
95	0.459	56.038	167.725	246.338	274.781	251.944	176.348	62.523	0.285	59.989
96	0.483	51.128	159.308	236.916	265.026	242.205	167.575	57.226	0.309	54.652
97	0.515	46.987	150.749	226.954	254.827	232.410	158.952	52.316	0.340	49.917
98	0.562	42.854	143.139	217.912	245.491	223.249	150.931	48.397	0.372	45.657
99	0.610	38.728	135.545	209.059	236.147	213.945	143.107	44.477	0.404	41.919
100	0.657	35.609	128.514	200.396	227.057	205.298	135.957	40.558	0.443	38.538
101	0.697	32.853	121.847	192.161	218.379	196.857	128.870	37.446	0.467	35.569
102	0.736	30.406	115.354	183.871	209.550	188.487	122.243	34.753	0.499	32.940
103	0.776	28.237	109.447	176.293	201.481	180.719	116.019	32.354	0.531	30.517
104	0.808	26.297	103.643	168.486	193.175	172.817	109.898	30.121	0.554	28.419
105	0.847	24.602	98.266	161.327	185.439	165.643	104.450	28.268	0.578	26.455
106	0.871	23.026	93.127	154.288	177.845	158.311	98.987	26.479	0.554	24.705
107	0.871	21.688	88.368	147.660	170.679	151.612	94.030	24.927	0.570	23.177
108	0.903	20.405	83.776	141.160	163.552	144.984	89.255	23.525	0.610	21.712
109	0.950	19.297	79.460	134.936	156.759	138.586	84.647	22.195	0.649	20.421

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

110	1.006	18.268	75.477	129.005	150.194	132.505	80.442	21.039	0.705	19.241
111	1.045	17.301	71.478	123.169	143.749	126.590	76.317	19.938	0.752	18.149
112	1.093	16.494	68.089	117.808	137.818	121.031	72.611	18.964	0.816	17.183
113	1.140	15.686	64.629	112.503	131.824	115.631	69.032	18.062	0.863	16.240
114	1.180	14.989	61.501	107.491	126.273	110.484	65.659	17.222	0.911	15.433
115	1.235	14.332	58.477	102.550	120.699	105.535	62.412	16.438	0.966	14.665
116	1.291	13.722	55.579	97.862	115.417	100.642	59.427	15.749	1.021	13.960
117	1.330	13.208	52.958	93.563	110.389	96.239	56.608	15.100	1.077	13.311
118	1.386	12.669	50.447	89.120	105.432	91.718	53.852	14.483	1.140	12.717
119	1.425	12.250	47.929	85.233	100.911	87.719	51.382	13.936	1.204	12.147
120	1.489	11.806	45.419	81.218	96.318	83.625	48.975	13.406	1.267	11.656
121	1.544	11.418	43.289	77.536	92.034	79.801	46.575	12.939	1.330	11.173
122	1.592	11.070	41.310	74.028	87.877	76.182	44.168	12.495	1.386	10.737
123	1.663	10.706	39.283	70.481	83.815	72.619	42.117	12.083	1.457	10.341
124	1.710	10.444	37.564	67.385	80.078	69.380	40.130	11.703	1.504	9.945
125	1.790	10.135	35.783	64.281	76.499	66.181	38.332	11.347	1.576	9.549
126	1.845	9.882	34.152	61.280	72.928	63.133	36.567	11.014	1.639	9.233
127	1.916	9.637	32.639	58.548	69.697	60.242	34.888	10.690	1.710	8.908
128	2.003	9.407	31.071	55.674	66.316	57.384	33.249	10.420	1.774	8.615
129	2.075	9.225	29.757	53.171	63.354	54.779	31.816	10.159	1.845	8.330
130	2.162	9.003	28.363	51.398	60.393	52.087	30.303	9.890	1.916	8.077
131	2.249	8.845	27.096	48.571	57.526	49.640	29.021	9.684	1.987	7.831
132	2.328	8.686	25.901	45.728	54.858	47.193	27.627	9.454	2.043	7.594
133	2.415	8.536	24.673	43.440	52.118	44.754	26.360	9.280	2.114	7.340
134	2.518	8.401	23.604	41.365	49.624	42.624	25.204	9.098	2.185	6.936
135	2.605	8.251	22.567	39.409	47.130	40.558	24.048	8.900	2.233	6.794
136	2.692	8.132	21.577	37.454	44.635	38.578	23.003	8.742	2.296	6.643
137	2.787	7.997	20.675	35.664	42.474	36.701	22.013	8.560	2.360	6.533
138	2.906	7.902	19.812	33.922	40.352	34.896	21.055	8.401	2.431	6.406
139	3.025	7.815	18.996	32.259	38.356	33.217	20.215	8.298	2.486	6.255
140	3.128	7.752	18.275	30.699	36.432	31.562	19.360	8.188	2.542	6.113
141	3.239	7.689	17.579	29.203	34.571	30.002	18.600	8.100	2.621	5.947
142	3.373	7.602	16.906	27.769	32.806	28.585	17.887	8.029	2.700	5.780
143	3.484	7.554	16.264	26.439	31.143	27.152	17.167	7.966	2.748	5.630
144	3.547	7.491	15.623	25.156	29.551	25.837	16.502	7.902	2.779	5.472
145	3.603	7.459	15.045	23.953	28.047	24.570	15.837	7.847	2.795	5.345
146	3.666	7.427	14.475	22.789	26.605	23.351	15.219	7.697	2.811	5.218
147	3.730	7.396	13.936	21.664	25.220	22.235	14.641	7.483	2.835	5.044
148	3.817	7.380	13.469	20.651	23.945	21.142	14.102	7.467	2.866	4.973
149	3.888	7.348	12.978	19.637	22.678	20.089	13.580	7.443	2.890	4.846
150	3.959	7.324	12.558	18.687	21.514	19.131	13.113	7.388	2.914	4.798
151	4.015	7.293	12.155	17.800	20.374	18.196	12.638	7.332	2.954	4.703
152	4.070	7.261	11.743	16.945	19.336	17.357	12.234	7.237	2.993	4.569
153	4.141	7.237	11.387	16.145	18.347	16.518	11.806	7.174	3.033	4.466
154	4.205	7.214	11.046	15.401	17.420	15.734	11.418	7.008	3.072	4.410
155	4.260	7.206	10.713	14.665	16.541	14.989	11.046	6.913	3.120	4.387
156	4.315	7.182	10.389	13.984	15.678	14.245	10.682	6.818	3.167	4.371
157	4.363	7.174	10.104	13.366	14.894	13.596	10.357	6.810	3.207	4.347
158	4.410	7.150	9.811	12.756	14.126	12.962	10.040	6.715	3.254	4.300
159	4.450	7.142	9.549	12.202	13.398	12.360	9.668	6.683	3.294	4.133
160	4.474	7.119	9.296	11.672	12.748	11.822	9.328	6.572	3.326	3.904
161	4.490	7.087	9.027	11.149	12.091	11.284	8.964	6.501	3.357	3.706
162	4.498	7.071	8.805	10.690	11.513	10.785	8.520	6.350	3.381	3.555
163	4.498	7.047	8.560	10.223	10.959	10.318	8.188	6.240	3.405	3.452
164	4.498	7.031	8.346	9.819	10.444	9.874	7.823	6.208	3.429	3.389
165	4.482	7.016	8.108	9.415	9.961	9.454	7.507	6.192	3.444	3.365

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

166	4.466	7.000	7.887	9.027	9.510	9.059	7.047	6.200	3.476	3.373
167	4.466	6.984	7.697	8.686	9.090	8.678	6.683	6.232	3.532	3.444
168	4.482	6.960	7.514	8.354	8.694	8.251	6.445	6.263	3.611	3.539
169	4.529	6.936	7.364	8.037	8.338	7.831	6.382	6.200	3.706	3.650
170	4.593	6.857	7.221	7.752	7.974	7.412	6.303	6.081	3.793	3.753
171	4.624	6.723	7.103	7.499	7.649	7.016	6.279	5.994	3.848	3.832
172	4.640	6.343	7.016	7.293	7.380	6.596	6.240	5.844	3.912	3.904
173	4.632	5.939	6.944	7.119	7.142	6.287	6.184	5.701	3.967	3.959
174	4.601	5.630	6.873	6.992	6.968	6.018	6.113	5.456	4.015	4.007
175	4.545	5.337	6.715	6.889	6.841	5.757	5.939	5.218	4.015	4.015
176	4.482	5.044	6.208	6.762	6.738	5.559	5.598	4.989	4.015	4.022
177	4.403	4.751	5.567	6.414	6.501	5.163	5.186	4.759	4.030	4.038
178	4.323	4.506	5.052	5.582	5.986	4.759	4.767	4.513	4.062	4.062
179	4.244	4.260	4.537	4.751	5.147	4.323	4.355	4.260	4.102	4.102
180	4.173	4.173	4.173	4.173	4.173	4.173	4.173	4.173	4.173	4.173

Vert. 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	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957	1381.957
1	1381.941	1381.957	1381.783	1381.791	1381.601	1381.102	1381.625
2	1381.442	1381.775	1381.442	1380.928	1380.595	1380.096	1380.611
3	1380.912	1380.579	1380.579	1379.890	1379.376	1378.536	1379.075
4	1379.558	1379.550	1379.392	1378.370	1377.515	1376.335	1377.064
5	1377.317	1377.483	1377.317	1376.446	1375.417	1373.880	1374.847
6	1375.599	1375.607	1375.274	1374.071	1372.542	1370.507	1371.845
7	1372.582	1372.914	1372.424	1371.228	1369.359	1366.999	1368.243
8	1369.502	1370.016	1369.676	1367.799	1365.590	1363.215	1364.569
9	1365.954	1366.469	1365.835	1364.458	1361.568	1358.487	1360.087
10	1361.948	1362.795	1361.971	1360.071	1357.189	1353.610	1355.249
11	1357.141	1358.337	1357.846	1355.605	1352.359	1348.447	1350.173
12	1352.335	1353.530	1353.372	1350.814	1346.744	1342.318	1344.266
13	1347.125	1348.502	1348.003	1345.097	1341.360	1336.094	1337.781
14	1340.758	1342.809	1342.477	1339.238	1334.827	1329.213	1331.201
15	1334.574	1336.799	1336.300	1333.410	1327.986	1322.039	1324.122
16	1327.709	1330.266	1329.950	1326.672	1321.065	1314.612	1316.497
17	1320.883	1323.441	1323.473	1319.521	1313.242	1306.607	1308.705
18	1313.163	1316.378	1316.061	1312.276	1305.656	1298.372	1300.201
19	1305.150	1308.570	1308.436	1304.817	1297.152	1288.988	1291.427
20	1296.812	1301.278	1300.937	1296.630	1288.656	1279.819	1281.925
21	1287.864	1292.805	1292.480	1288.014	1279.360	1269.834	1272.083
22	1278.821	1283.596	1283.802	1278.972	1269.810	1259.627	1261.662
23	1269.232	1274.506	1275.052	1269.707	1260.023	1248.637	1250.727
24	1258.788	1264.774	1265.495	1259.968	1249.603	1237.868	1239.935
25	1248.233	1254.892	1255.779	1249.912	1238.881	1226.465	1227.930
26	1237.488	1244.678	1245.731	1239.531	1227.637	1214.192	1216.053
27	1226.196	1234.210	1235.104	1229.253	1216.671	1202.061	1203.685
28	1214.327	1222.736	1224.478	1217.740	1204.334	1189.186	1190.342
29	1202.433	1211.468	1213.392	1206.424	1192.536	1176.327	1177.230
30	1190.033	1199.931	1202.228	1194.626	1180.033	1162.707	1163.388
31	1177.127	1187.721	1190.160	1182.242	1166.762	1148.771	1149.302
32	1164.061	1175.662	1178.267	1170.143	1154.068	1134.875	1134.938
33	1150.521	1162.953	1165.613	1157.299	1140.330	1120.590	1120.463
34	1136.822	1149.903	1153.110	1144.622	1126.948	1105.688	1104.983
35	1122.926	1136.751	1140.219	1131.430	1112.592	1090.492	1088.917
36	1108.800	1123.496	1127.320	1118.539	1098.632	1075.171	1073.143

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

37	1094.230	1110.098	1114.342	1104.848	1083.865	1059.587	1056.745
38	1079.098	1096.004	1100.359	1090.643	1069.390	1046.079	1040.583
39	1064.188	1081.925	1087.064	1077.047	1054.171	1032.578	1022.823
40	1049.246	1067.846	1072.961	1062.802	1041.439	1019.006	1005.371
41	1035.856	1053.419	1058.938	1048.533	1028.706	1001.348	987.784
42	1022.466	1041.201	1045.675	1036.268	1015.886	983.778	969.635
43	1008.989	1028.983	1033.275	1024.002	999.353	965.961	951.558
44	992.274	1016.757	1020.875	1011.729	982.978	947.908	932.578
45	975.337	1000.905	1008.403	995.964	966.136	929.347	914.009
46	958.003	985.060	993.351	980.333	949.270	910.771	894.372
47	941.391	969.548	977.973	964.908	932.229	892.084	874.743
48	923.234	952.880	962.066	948.517	914.872	872.779	855.264
49	906.051	937.265	946.815	932.855	897.539	853.593	834.755
50	888.330	920.772	930.844	916.377	880.079	834.240	814.516
51	870.221	904.175	915.007	900.081	862.477	814.342	793.722
52	852.445	887.966	898.996	883.912	844.629	794.609	773.254
53	833.757	871.171	883.160	867.268	826.853	774.592	752.397
54	815.957	854.836	867.291	850.916	808.918	754.662	730.653
55	797.389	838.160	850.853	834.288	790.761	734.106	709.503
56	778.987	820.938	834.898	817.850	772.842	713.771	687.649
57	760.664	804.539	818.752	801.245	754.875	693.295	665.913
58	741.763	787.855	802.092	784.450	736.457	672.240	643.512
59	723.392	771.242	786.176	767.830	718.451	651.914	621.127
60	705.243	754.519	770.197	751.328	700.310	630.891	599.257
61	686.477	737.257	753.513	734.731	681.940	609.978	576.349
62	668.526	721.135	738.160	718.269	664.298	589.446	553.141
63	649.562	703.984	721.515	701.641	646.038	568.170	530.384
64	631.508	687.562	705.592	685.186	628.182	547.376	507.650
65	613.074	671.226	689.573	669.057	610.287	526.440	485.194
66	594.926	654.843	673.729	652.508	592.511	505.488	462.738
67	577.102	638.516	657.916	636.441	574.686	484.782	440.273
68	559.040	622.299	642.269	620.581	557.258	463.886	416.906
69	541.493	606.122	626.765	604.230	539.680	443.512	393.167
70	523.819	590.396	611.404	588.892	522.647	422.885	369.262
71	506.217	574.085	595.702	572.786	505.338	402.717	345.824
72	489.216	558.581	580.641	557.409	488.638	382.874	321.831
73	471.994	542.887	565.446	542.000	471.875	362.904	298.433
74	455.366	527.652	550.282	526.630	455.374	343.433	275.066
75	438.896	512.528	535.855	511.752	439.299	324.207	251.454
76	422.425	497.190	520.795	496.636	423.130	305.583	228.815
77	406.755	482.787	506.652	482.232	407.547	286.912	205.401
78	390.507	467.568	491.948	467.322	391.893	268.993	183.617
79	375.589	453.560	478.123	453.339	377.022	251.794	161.763
80	360.394	439.173	464.060	439.212	362.112	234.738	140.273
81	345.428	425.007	450.258	425.110	347.487	218.703	119.748
82	331.373	411.744	436.884	411.878	333.408	202.732	100.008
83	317.096	397.673	423.265	398.330	319.408	187.996	81.749
84	303.461	384.758	410.358	385.067	305.805	173.490	64.099
85	290.127	371.669	397.388	372.255	292.866	160.124	48.048
86	277.045	358.810	384.703	359.277	279.967	147.177	34.650
87	264.685	346.489	372.271	347.019	267.361	135.031	21.292
88	252.467	334.247	360.370	334.944	255.634	124.301	11.189
89	240.574	322.029	348.152	323.027	243.607	113.572	3.991
90	229.377	310.532	336.639	311.221	232.513	102.851	2.130
91	218.062	298.908	324.927	299.945	221.451	93.745	0.364
92	207.832	288.084	313.992	288.955	210.967	85.589	0.356

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

93	197.411	277.014	302.812	278.004	200.911	78.067	0.372
94	187.775	266.467	292.241	267.583	191.013	71.186	0.412
95	178.376	256.292	281.741	257.147	181.630	64.970	0.459
96	169.301	246.037	271.439	247.344	172.556	59.332	0.483
97	160.773	236.480	261.534	237.509	164.004	54.256	0.515
98	152.419	226.836	251.699	228.023	155.571	49.759	0.562
99	144.636	217.801	242.403	218.886	147.819	45.728	0.610
100	137.066	208.726	233.036	209.993	140.091	42.038	0.657
101	130.090	200.238	224.199	201.275	132.948	38.863	0.697
102	123.304	191.742	215.441	192.985	126.146	35.925	0.736
103	116.922	183.792	206.969	184.813	119.725	33.352	0.776
104	110.539	175.873	198.623	176.974	113.303	31.048	0.808
105	104.189	168.359	190.633	169.547	106.905	28.878	0.847
106	98.733	161.137	183.039	162.103	101.259	27.033	0.871
107	93.634	153.995	175.343	155.119	96.033	25.244	0.871
108	88.756	147.320	168.193	148.349	91.092	23.731	0.903
109	84.211	140.756	161.122	141.793	86.381	22.266	0.950
110	79.753	134.453	154.256	135.482	81.962	20.960	1.006
111	75.826	128.617	147.993	129.615	77.821	19.804	1.045
112	71.851	122.742	141.405	123.676	73.799	18.656	1.093
113	68.240	117.151	135.514	118.094	70.069	17.697	1.140
114	64.811	111.561	129.567	112.503	66.537	16.739	1.180
115	61.501	105.971	123.969	106.921	63.141	15.908	1.235
116	58.429	101.243	118.474	102.091	60.005	15.140	1.291
117	55.460	96.461	112.978	97.348	56.988	14.395	1.330
118	52.657	92.082	107.499	92.937	54.122	13.746	1.386
119	50.036	87.774	102.558	88.503	51.437	13.121	1.425
120	47.534	83.736	98.076	84.504	48.832	12.551	1.489
121	45.166	79.777	93.491	80.497	46.433	12.028	1.544
122	42.893	75.984	89.200	76.681	44.081	11.537	1.592
123	40.708	72.365	85.106	73.078	41.848	11.078	1.663
124	38.720	68.984	81.155	69.546	39.789	10.642	1.710
125	36.741	65.595	77.267	66.221	37.723	10.238	1.790
126	34.920	62.467	73.696	62.998	35.870	9.827	1.845
127	33.146	59.340	70.045	59.902	33.993	9.415	1.916
128	31.420	56.394	66.704	56.980	32.346	9.106	2.003
129	29.836	53.607	63.465	54.161	30.731	8.821	2.075
130	28.284	50.835	60.282	51.398	29.155	8.544	2.162
131	26.859	48.294	57.328	48.856	27.754	8.298	2.249
132	25.457	45.720	54.343	46.306	26.257	8.061	2.328
133	24.135	43.345	51.596	43.931	24.998	7.847	2.415
134	22.884	41.080	48.959	41.706	23.747	7.649	2.518
135	21.625	38.800	46.322	39.457	22.559	7.475	2.605
136	20.461	36.685	43.828	37.454	21.530	7.324	2.692
137	19.352	34.619	41.444	35.466	20.461	7.174	2.787
138	18.283	32.647	39.101	33.518	19.479	7.039	2.906
139	17.294	30.810	37.018	31.792	18.584	6.921	3.025
140	16.312	29.005	34.888	30.058	17.721	6.810	3.128
141	15.385	27.255	32.877	28.466	16.937	6.699	3.239
142	14.498	25.584	30.968	26.914	16.225	6.620	3.373
143	13.659	24.008	29.131	25.489	15.520	6.556	3.484
144	12.843	22.464	27.429	24.135	14.942	6.517	3.547
145	12.060	21.031	25.742	22.828	14.332	6.493	3.603
146	11.331	19.629	24.175	21.585	13.778	6.453	3.666
147	10.682	18.299	22.646	20.413	13.271	6.445	3.730
148	10.025	17.080	21.213	19.297	12.804	6.422	3.817

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

149	9.375	15.932	19.883	18.244	12.376	6.414	3.888
150	8.813	14.855	18.553	17.238	11.917	6.406	3.959
151	8.338	13.881	17.373	16.280	11.497	6.398	4.015
152	7.855	12.954	16.225	15.393	11.094	6.406	4.070
153	7.206	12.067	15.140	14.538	10.682	6.398	4.141
154	6.905	11.291	14.166	13.746	10.310	6.414	4.205
155	6.517	10.571	13.216	12.962	9.937	6.406	4.260
156	6.255	9.850	12.345	12.265	9.565	6.414	4.315
157	5.788	9.138	11.529	11.553	9.209	6.390	4.363
158	5.535	8.560	10.816	10.896	8.892	6.366	4.410
159	5.266	8.093	10.104	10.302	8.576	6.335	4.450
160	5.044	7.609	9.383	9.708	8.251	6.271	4.474
161	4.886	7.150	8.829	9.114	7.950	6.200	4.490
162	4.775	6.731	8.338	8.615	7.649	6.113	4.498
163	4.648	6.192	7.879	8.164	7.372	6.034	4.498
164	4.561	5.765	7.483	7.760	7.119	5.947	4.498
165	4.601	5.282	7.126	7.388	6.881	5.860	4.482
166	4.696	5.115	6.833	7.071	6.651	5.780	4.466
167	4.806	4.917	6.541	6.770	6.430	5.709	4.466
168	4.894	4.767	6.200	6.501	6.240	5.646	4.482
169	4.854	4.711	5.844	6.232	6.050	5.582	4.529
170	4.775	4.703	5.487	5.994	5.867	5.551	4.593
171	4.727	4.767	5.171	5.804	5.733	5.559	4.624
172	4.553	4.925	4.917	5.662	5.654	5.606	4.640
173	4.355	5.068	4.632	5.614	5.654	5.670	4.632
174	4.173	5.060	4.363	5.662	5.717	5.630	4.601
175	4.070	4.870	4.379	5.717	5.717	5.202	4.545
176	4.007	4.466	4.434	5.448	5.400	4.529	4.482
177	3.943	4.094	4.094	5.044	4.616	4.102	4.403
178	3.912	3.912	3.817	4.426	3.991	3.912	4.323
179	3.999	3.880	3.690	3.587	3.817	3.943	4.244
180	4.173	4.173	4.173	4.173	4.173	4.173	4.173

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_P.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	506.68	N.A.	10.30
0-30	1079.93	N.A.	21.90
0-40	1779.09	N.A.	36.00
0-60	3223.37	N.A.	65.20
0-80	4249.39	N.A.	86.00
0-90	4532.01	N.A.	91.70
10-90	4401.17	N.A.	89.10
20-40	1272.41	N.A.	25.80
20-50	2015.61	N.A.	40.80
40-70	2033.7	N.A.	41.20
60-80	1026.02	N.A.	20.80
70-80	436.60	N.A.	8.80
80-90	282.62	N.A.	5.70
90-110	278.03	N.A.	5.60
90-120	339.30	N.A.	6.90
90-130	373.95	N.A.	7.60
90-150	402.09	N.A.	8.10
90-180	409.08	N.A.	8.30
110-180	131.05	N.A.	2.70
0-180	4941.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	130.84
10-20	375.84
20-30	573.25
30-40	699.16
40-50	743.20
50-60	701.08
60-70	589.43
70-80	436.60
80-90	282.62
90-100	173.37
100-110	104.66
110-120	61.27
120-130	34.64
130-140	18.66
140-150	9.48
150-160	4.54
160-170	1.94
170-180	0.52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_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	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
PHOTOMETRIC FILENAME : SWLSEL4HT4941LMWT40120-277V_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

X=2H	Y=2H	17.0	18.5	17.4	19.0	19.5	19.0	20.6	19.5	21.1	21.6
	3H	18.5	19.9	19.0	20.3	20.9	21.5	22.9	22.0	23.4	24.0
	4H	18.9	20.3	19.5	20.8	21.3	22.8	24.1	23.3	24.6	25.1
	6H	19.2	20.4	19.7	21.0	21.5	24.0	25.3	24.6	25.8	26.4
	8H	19.3	20.4	19.8	21.0	21.6	24.7	25.9	25.2	26.4	27.0
	12H	19.3	20.4	19.8	20.9	21.6	25.4	26.5	26.0	27.1	27.7

UGR Viewed Endwise

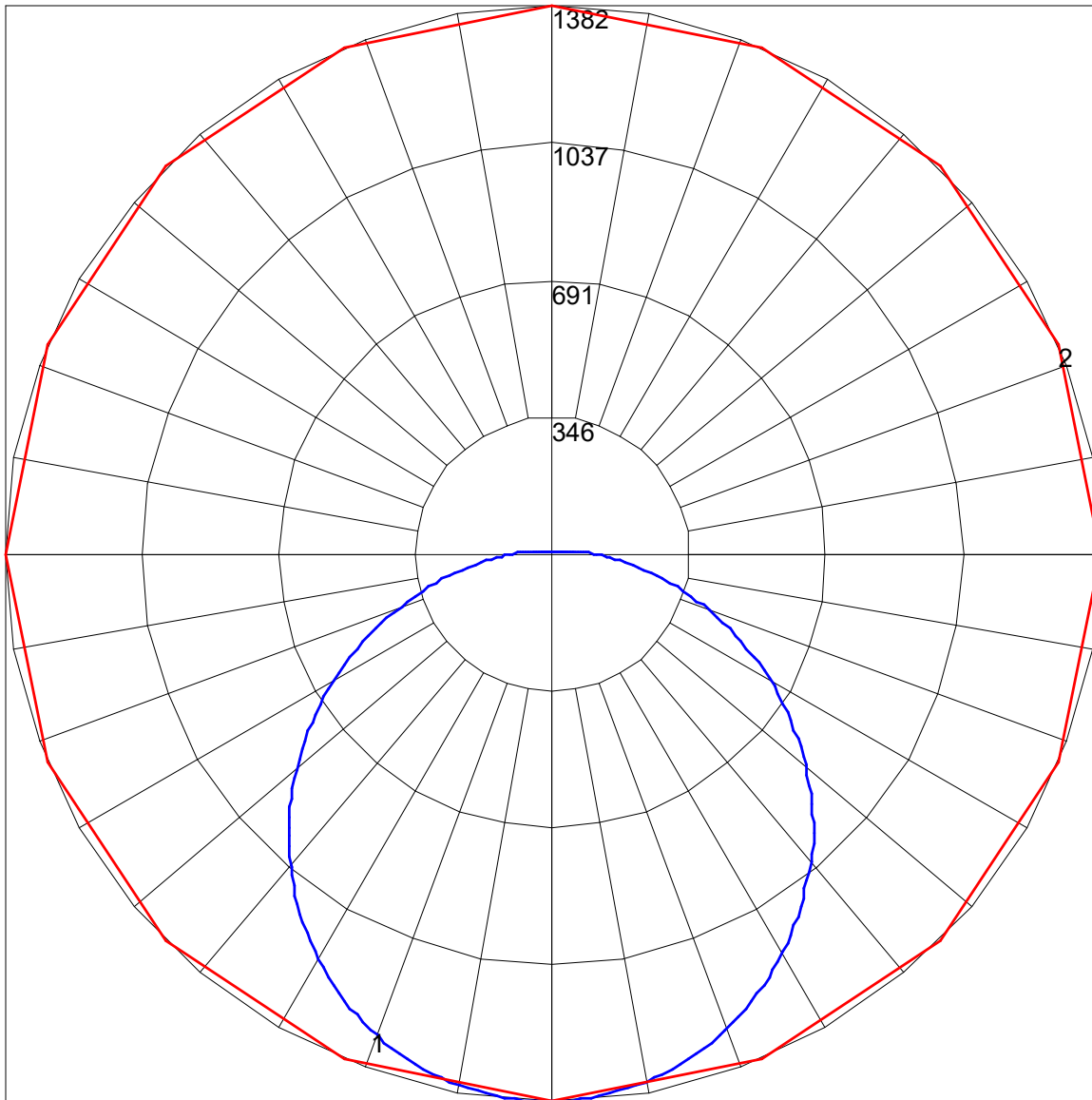
4H	2H	17.8	19.2	18.4	19.7	20.2	19.5	20.8	20.0	21.3	21.9
	3H	19.6	20.7	20.1	21.3	21.8	22.2	23.3	22.7	23.9	24.4
	4H	20.2	21.2	20.7	21.8	22.4	23.6	24.6	24.1	25.2	25.8
	6H	20.6	21.5	21.2	22.1	22.7	25.0	25.9	25.6	26.5	27.2
	8H	20.7	21.5	21.3	22.1	22.8	25.8	26.6	26.4	27.2	27.9
	12H	20.7	21.5	21.3	22.1	22.8	26.6	27.4	27.2	28.0	28.7

8H	4H	20.9	21.8	21.5	22.3	23.0	23.8	24.6	24.3	25.2	25.9
	6H	21.5	22.2	22.1	22.8	23.5	25.4	26.1	26.0	26.8	27.4
	8H	21.6	22.3	22.3	22.9	23.6	26.3	27.0	26.9	27.6	28.2
	12H	21.8	22.4	22.4	23.0	23.7	27.3	27.9	27.9	28.5	29.2

12H	4H	21.1	21.9	21.7	22.5	23.1	23.8	24.6	24.4	25.2	25.8
	6H	21.8	22.4	22.4	23.0	23.7	25.4	26.1	26.1	26.7	27.4
	8H	22.1	22.6	22.7	23.3	24.0	26.4	27.0	27.0	27.6	28.3

Maximum UGR = 29.2

POLAR GRAPH



Maximum Candela = 1382.139 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.)