



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SWLSEL4HT4245LMWT35120-277V_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] SWLSEL4HT4245LMWT35120-277V_P
 [LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4245
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	29
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	7789	6174	5970
55	7322	5551	5439
65	6600	4902	4946
75	5251	4290	4530
85	2309	3775	4291

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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	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290
1	1187.004	1186.848	1186.868	1187.011	1187.011	1187.011	1187.439	1187.446	1187.147	1187.419
2	1186.133	1185.977	1186.269	1186.276	1186.419	1186.711	1187.297	1187.160	1186.705	1186.841
3	1184.813	1184.664	1184.956	1185.106	1185.541	1185.834	1186.569	1186.575	1185.813	1186.099
4	1183.086	1183.364	1183.228	1183.664	1184.106	1184.541	1185.126	1185.276	1184.501	1185.079
5	1181.181	1181.174	1181.174	1181.902	1182.344	1183.065	1183.800	1184.099	1182.711	1183.283
6	1178.602	1178.738	1178.881	1179.548	1180.426	1181.072	1182.085	1182.099	1180.807	1181.249
7	1175.507	1175.650	1176.235	1177.249	1177.854	1178.861	1179.446	1179.738	1177.779	1178.650
8	1172.351	1172.351	1173.112	1174.140	1175.167	1176.119	1176.854	1177.153	1174.990	1175.861
9	1168.500	1168.935	1169.650	1170.956	1172.432	1172.854	1173.895	1173.752	1171.514	1172.385
10	1164.344	1164.636	1165.636	1167.221	1168.691	1169.262	1170.303	1170.160	1167.901	1168.507
11	1159.983	1160.126	1161.411	1163.303	1165.044	1165.895	1166.663	1166.657	1163.350	1164.520
12	1154.908	1155.200	1156.779	1158.520	1160.724	1161.582	1162.194	1161.908	1158.799	1160.112
13	1149.336	1149.915	1151.758	1154.214	1156.418	1157.275	1157.758	1157.330	1153.459	1154.908
14	1143.683	1144.282	1146.268	1149.602	1151.513	1152.663	1152.860	1152.132	1147.840	1149.738
15	1137.601	1138.186	1140.601	1144.112	1146.316	1147.316	1147.329	1146.465	1142.084	1143.989
16	1131.050	1131.635	1134.642	1138.329	1140.826	1141.819	1141.663	1140.799	1135.744	1137.941
17	1124.356	1124.791	1128.098	1131.900	1135.152	1135.846	1135.411	1134.043	1128.989	1131.499
18	1117.050	1117.927	1121.370	1125.615	1128.996	1129.690	1128.975	1127.560	1121.642	1124.274
19	1109.512	1110.111	1114.397	1119.478	1122.166	1123.410	1122.288	1120.683	1114.172	1117.261
20	1101.349	1102.362	1106.791	1112.199	1115.852	1116.696	1115.424	1113.240	1106.587	1109.675
21	1092.893	1093.607	1098.920	1104.900	1108.716	1109.546	1107.696	1105.226	1098.151	1101.355
22	1083.940	1085.246	1090.559	1097.396	1101.512	1102.049	1099.764	1096.845	1089.267	1092.899
23	1074.545	1076.130	1082.178	1089.205	1093.607	1094.280	1091.784	1088.444	1079.967	1084.042
24	1065.273	1066.287	1073.055	1080.627	1085.634	1085.852	1082.967	1079.198	1070.266	1074.525
25	1054.960	1056.681	1063.715	1072.083	1077.226	1077.423	1074.096	1069.763	1060.368	1065.198
26	1044.755	1046.517	1054.409	1063.164	1068.627	1068.797	1065.082	1059.688	1050.109	1054.966
27	1034.129	1036.041	1044.660	1054.028	1059.763	1059.803	1055.191	1049.340	1039.408	1044.538
28	1022.666	1025.007	1034.333	1044.279	1050.443	1050.477	1045.293	1038.728	1027.884	1033.775
29	1011.401	1013.931	1023.728	1034.374	1040.674	1040.436	1034.952	1028.081	1016.680	1022.687
30	999.509	1002.298	1012.823	1024.353	1031.381	1030.898	1024.490	1016.448	1004.312	1011.163
31	987.407	990.278	1001.652	1014.061	1020.972	1020.258	1013.530	1004.877	992.291	999.339
32	975.066	978.298	990.482	1003.509	1010.856	1010.135	1002.645	993.155	979.502	987.264
33	962.631	966.012	978.754	992.638	1000.135	999.149	990.897	980.427	967.080	974.896
34	949.331	953.147	966.944	981.264	989.346	987.944	978.903	968.121	953.896	962.243
35	935.528	940.222	954.889	970.406	978.502	977.352	967.468	954.896	939.970	949.168
36	921.977	926.358	942.018	958.086	967.229	965.168	954.739	941.447	926.052	935.950
37	907.888	912.983	929.807	947.195	956.637	954.270	942.678	928.072	912.235	922.358
38	894.003	899.003	916.330	934.480	944.188	941.555	929.487	913.895	899.697	908.486
39	878.744	884.547	903.316	922.671	932.494	929.997	916.364	899.711	887.438	896.309
40	863.751	870.057	890.227	909.949	920.099	917.126	902.915	885.105	875.118	884.132
41	848.641	855.206	876.064	897.268	907.854	904.724	889.357	870.526	858.750	871.948
42	833.049	840.145	862.703	884.826	895.670	892.282	875.730	855.349	842.730	856.852
43	817.518	824.709	848.015	871.261	882.867	878.751	861.315	839.764	826.348	841.179
44	801.212	809.287	834.117	858.281	870.343	865.907	847.424	824.233	809.770	825.335
45	785.259	793.579	819.954	845.083	857.118	852.383	832.791	808.457	792.742	809.157
46	768.388	777.578	805.225	831.416	844.070	839.471	818.811	792.579	775.701	792.953
47	751.523	761.340	790.123	817.899	830.559	825.097	803.865	776.048	758.442	776.551
48	734.788	744.958	775.463	804.443	817.831	812.191	788.810	759.455	740.482	759.714
49	717.169	728.176	760.176	790.334	804.171	797.933	773.483	742.700	722.672	743.006
50	699.780	711.420	745.448	776.626	791.232	784.191	758.503	725.978	704.706	725.863
51	681.916	694.760	729.931	762.523	777.279	770.408	743.380	708.631	686.140	708.515
52	664.330	677.004	714.447	748.231	763.245	756.006	727.611	691.093	667.779	691.093
53	646.412	660.344	699.100	734.087	749.829	741.965	712.012	673.596	648.691	673.283

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54	627.731	642.622	683.134	719.563	735.421	727.108	695.957	656.044	629.792	656.004
55	609.560	625.186	667.868	705.481	722.135	713.053	680.446	638.452	610.764	637.935
56	590.784	607.138	652.398	691.168	708.229	699.018	665.113	620.479	591.084	619.921
57	572.110	589.403	636.166	676.419	693.311	683.943	648.459	602.057	571.573	601.900
58	552.865	571.872	620.751	662.718	680.324	670.378	633.275	584.315	551.620	583.383
59	533.633	553.491	604.166	647.738	665.834	655.112	616.696	565.824	531.789	565.362
60	514.843	535.599	588.934	633.724	652.419	641.228	601.172	547.763	511.796	546.803
61	495.163	517.878	573.280	619.356	638.479	626.751	585.566	529.320	491.414	528.504
62	475.223	499.095	557.151	604.281	624.003	612.105	569.437	510.496	471.108	510.068
63	455.672	481.217	541.613	590.743	610.438	598.104	553.708	492.367	450.447	491.469
64	436.141	462.781	525.585	576.335	596.635	583.716	537.674	473.720	429.814	472.720
65	416.848	444.794	510.558	562.525	583.389	570.185	522.361	455.515	409.113	454.563
66	397.555	427.583	494.482	548.014	569.205	555.253	505.762	436.923	388.378	435.971
67	378.255	410.378	479.536	534.415	556.021	541.817	491.088	419.372	367.567	417.725
68	358.179	393.174	464.169	520.606	542.395	527.497	475.536	401.861	346.506	399.072
69	337.784	374.772	448.821	506.898	528.803	513.918	459.896	384.343	325.736	381.207
70	317.246	356.969	431.222	493.265	516.041	500.462	445.202	366.363	304.505	362.833
71	297.110	339.131	419.195	479.523	502.455	486.462	431.345	348.077	283.763	344.948
72	276.497	321.260	407.201	465.999	489.680	473.040	417.501	330.288	262.912	327.471
73	256.394	303.845	392.609	452.978	476.543	459.801	403.657	312.634	242.190	309.743
74	236.319	286.756	378.432	439.603	463.604	446.209	389.105	295.205	221.659	292.702
75	216.033	269.619	363.914	427.814	450.849	435.624	374.765	278.116	201.386	275.545
76	196.583	253.163	350.315	416.052	438.161	423.222	360.778	261.435	181.161	259.082
77	176.467	236.891	336.465	404.283	426.964	410.786	347.036	245.074	161.440	242.721
78	157.752	221.258	323.260	391.901	415.780	398.480	333.492	229.305	141.881	226.849
79	138.976	205.958	310.076	379.541	404.602	385.860	320.076	213.972	123.296	211.706
80	120.513	190.842	297.225	367.255	392.745	373.506	307.083	198.951	105.765	196.869
81	102.880	177.011	284.871	355.383	380.840	361.595	294.464	184.733	88.234	182.488
82	85.921	163.338	272.409	343.662	369.295	349.778	282.164	171.168	70.737	168.991
83	70.233	150.364	260.674	332.029	357.799	338.199	269.993	157.997	55.559	155.902
84	55.069	138.072	248.993	320.940	346.574	326.709	258.306	145.473	41.709	143.460
85	41.280	126.173	237.557	309.450	335.152	315.437	246.673	133.725	29.252	131.711
86	29.769	115.364	226.679	298.749	324.485	304.430	235.598	122.677	20.531	120.677
87	18.293	105.030	216.067	288.082	313.750	293.722	224.883	112.268	11.817	110.357
88	9.612	95.560	205.699	277.552	303.076	283.103	214.502	102.656	3.170	101.207
89	3.429	86.676	195.964	267.483	293.225	272.912	204.407	93.635	0.347	92.057
90	1.830	78.614	186.236	257.381	282.837	262.735	194.638	85.349	0.170	82.914
91	0.313	71.274	177.297	248.109	273.490	253.279	185.474	77.873	0.177	75.356
92	0.306	64.451	168.297	238.272	263.340	243.421	176.127	70.737	0.184	68.546
93	0.320	58.539	160.004	229.469	254.360	234.380	167.834	64.560	0.204	62.281
94	0.354	53.083	151.875	220.366	245.224	225.244	159.385	58.920	0.231	56.593
95	0.395	48.144	144.099	211.638	236.074	216.455	151.507	53.716	0.245	51.539
96	0.415	43.926	136.868	203.543	227.693	208.087	143.970	49.165	0.265	46.954
97	0.442	40.368	129.514	194.985	218.931	199.672	136.561	44.947	0.293	42.885
98	0.483	36.817	122.976	187.216	210.910	191.801	129.670	41.579	0.320	39.226
99	0.524	33.273	116.452	179.610	202.883	183.808	122.949	38.212	0.347	36.015
100	0.565	30.593	110.411	172.168	195.073	176.379	116.806	34.844	0.381	33.110
101	0.599	28.225	104.683	165.093	187.617	169.127	110.717	32.171	0.401	30.559
102	0.633	26.123	99.105	157.970	180.032	161.936	105.023	29.858	0.429	28.300
103	0.667	24.259	94.030	151.460	173.100	155.263	99.676	27.797	0.456	26.218
104	0.694	22.592	89.043	144.752	165.964	148.473	94.417	25.878	0.476	24.416
105	0.728	21.137	84.424	138.602	159.317	142.310	89.737	24.286	0.497	22.728
106	0.748	19.783	80.009	132.555	152.793	136.010	85.043	22.749	0.476	21.225
107	0.748	18.633	75.920	126.860	146.637	130.255	80.784	21.416	0.490	19.912
108	0.776	17.531	71.975	121.275	140.514	124.561	76.682	20.211	0.524	18.654
109	0.816	16.579	68.267	115.928	134.677	119.064	72.723	19.069	0.558	17.545

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CANDELA TABULATION - (Cont.)

110	0.864	15.694	64.845	110.833	129.037	113.840	69.111	18.075	0.605	16.531
111	0.898	14.864	61.410	105.819	123.500	108.758	65.566	17.130	0.646	15.592
112	0.939	14.170	58.498	101.214	118.404	103.982	62.383	16.293	0.701	14.762
113	0.980	13.477	55.525	96.656	113.255	99.343	59.308	15.517	0.742	13.953
114	1.014	12.878	52.838	92.349	108.486	94.921	56.410	14.796	0.782	13.259
115	1.061	12.313	50.239	88.104	103.697	90.669	53.620	14.123	0.830	12.599
116	1.109	11.789	47.750	84.077	99.159	86.465	51.056	13.531	0.878	11.994
117	1.143	11.347	45.498	80.383	94.839	82.682	48.634	12.973	0.925	11.436
118	1.191	10.885	43.341	76.567	90.581	78.798	46.267	12.443	0.980	10.925
119	1.225	10.524	41.178	73.226	86.696	75.363	44.144	11.973	1.034	10.436
120	1.279	10.143	39.021	69.777	82.750	71.845	42.076	11.517	1.088	10.014
121	1.327	9.810	37.191	66.614	79.070	68.560	40.015	11.116	1.143	9.599
122	1.367	9.510	35.491	63.600	75.499	65.451	37.947	10.735	1.191	9.225
123	1.429	9.198	33.749	60.553	72.009	62.389	36.185	10.381	1.252	8.885
124	1.469	8.973	32.273	57.893	68.798	59.607	34.477	10.055	1.293	8.544
125	1.537	8.708	30.742	55.226	65.723	56.859	32.933	9.749	1.354	8.204
126	1.585	8.490	29.341	52.648	62.655	54.240	31.416	9.463	1.408	7.932
127	1.646	8.279	28.042	50.301	59.879	51.756	29.974	9.184	1.469	7.653
128	1.721	8.082	26.695	47.831	56.974	49.301	28.565	8.953	1.524	7.402
129	1.782	7.925	25.565	45.681	54.430	47.062	27.334	8.728	1.585	7.157
130	1.857	7.735	24.368	44.158	51.886	44.749	26.035	8.497	1.646	6.939
131	1.932	7.599	23.280	41.729	49.423	42.647	24.933	8.320	1.708	6.728
132	2.000	7.463	22.252	39.287	47.130	40.545	23.735	8.123	1.755	6.524
133	2.075	7.334	21.198	37.321	44.777	38.450	22.647	7.973	1.816	6.306
134	2.163	7.218	20.279	35.538	42.634	36.620	21.654	7.817	1.878	5.959
135	2.238	7.089	19.388	33.858	40.491	34.844	20.660	7.646	1.918	5.837
136	2.313	6.987	18.538	32.178	38.348	33.144	19.762	7.510	1.973	5.708
137	2.395	6.871	17.762	30.640	36.491	31.531	18.912	7.354	2.027	5.612
138	2.497	6.789	17.021	29.144	34.668	29.980	18.089	7.218	2.088	5.504
139	2.599	6.714	16.320	27.715	32.953	28.538	17.368	7.129	2.136	5.374
140	2.687	6.660	15.701	26.375	31.300	27.116	16.633	7.034	2.184	5.252
141	2.782	6.606	15.102	25.089	29.701	25.776	15.980	6.959	2.252	5.109
142	2.898	6.531	14.524	23.858	28.184	24.558	15.368	6.898	2.320	4.966
143	2.993	6.490	13.973	22.715	26.756	23.327	14.749	6.844	2.361	4.837
144	3.048	6.436	13.422	21.613	25.388	22.198	14.177	6.789	2.388	4.701
145	3.095	6.408	12.926	20.579	24.096	21.109	13.606	6.742	2.401	4.592
146	3.150	6.381	12.436	19.579	22.858	20.062	13.075	6.612	2.415	4.483
147	3.204	6.354	11.973	18.613	21.667	19.103	12.579	6.429	2.435	4.333
148	3.279	6.340	11.572	17.742	20.572	18.164	12.116	6.415	2.463	4.272
149	3.340	6.313	11.150	16.871	19.484	17.259	11.667	6.395	2.483	4.163
150	3.401	6.293	10.789	16.055	18.483	16.436	11.266	6.347	2.503	4.123
151	3.449	6.265	10.442	15.293	17.504	15.633	10.857	6.299	2.537	4.041
152	3.497	6.238	10.089	14.558	16.613	14.912	10.510	6.218	2.571	3.925
153	3.558	6.218	9.783	13.871	15.762	14.191	10.143	6.163	2.606	3.837
154	3.612	6.197	9.490	13.232	14.966	13.517	9.810	6.021	2.640	3.789
155	3.660	6.191	9.204	12.599	14.211	12.878	9.490	5.939	2.680	3.769
156	3.708	6.170	8.925	12.014	13.470	12.238	9.177	5.857	2.721	3.755
157	3.748	6.163	8.681	11.483	12.796	11.681	8.898	5.850	2.755	3.735
158	3.789	6.143	8.429	10.959	12.136	11.136	8.626	5.769	2.796	3.694
159	3.823	6.136	8.204	10.483	11.511	10.619	8.306	5.742	2.830	3.551
160	3.844	6.116	7.987	10.027	10.953	10.157	8.014	5.646	2.857	3.354
161	3.857	6.089	7.755	9.578	10.388	9.694	7.701	5.585	2.884	3.184
162	3.864	6.075	7.565	9.184	9.891	9.266	7.320	5.456	2.905	3.055
163	3.864	6.055	7.354	8.783	9.415	8.864	7.034	5.361	2.925	2.966
164	3.864	6.041	7.170	8.436	8.973	8.483	6.721	5.333	2.946	2.912
165	3.850	6.027	6.966	8.089	8.558	8.123	6.449	5.320	2.959	2.891

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

166	3.837	6.014	6.776	7.755	8.170	7.783	6.055	5.327	2.986	2.898
167	3.837	6.000	6.612	7.463	7.810	7.456	5.742	5.354	3.034	2.959
168	3.850	5.980	6.456	7.177	7.470	7.089	5.538	5.381	3.102	3.041
169	3.891	5.959	6.327	6.905	7.163	6.728	5.483	5.327	3.184	3.136
170	3.946	5.891	6.204	6.660	6.851	6.368	5.415	5.225	3.259	3.225
171	3.973	5.776	6.102	6.442	6.572	6.027	5.395	5.150	3.306	3.293
172	3.986	5.449	6.027	6.265	6.340	5.667	5.361	5.021	3.361	3.354
173	3.980	5.102	5.966	6.116	6.136	5.402	5.313	4.898	3.408	3.401
174	3.952	4.837	5.905	6.007	5.987	5.170	5.252	4.687	3.449	3.442
175	3.905	4.585	5.769	5.919	5.878	4.946	5.102	4.483	3.449	3.449
176	3.850	4.333	5.333	5.810	5.789	4.776	4.810	4.286	3.449	3.456
177	3.782	4.082	4.782	5.510	5.585	4.435	4.456	4.089	3.463	3.469
178	3.714	3.871	4.340	4.796	5.143	4.089	4.095	3.878	3.490	3.490
179	3.646	3.660	3.898	4.082	4.422	3.714	3.742	3.660	3.524	3.524
180	3.585	3.585	3.585	3.585	3.585	3.585	3.585	3.585	3.585	3.585

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	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290	1187.290
1	1187.276	1187.290	1187.140	1187.147	1186.984	1186.555	1187.004
2	1186.848	1187.133	1186.848	1186.405	1186.120	1185.691	1186.133
3	1186.392	1186.106	1186.106	1185.514	1185.072	1184.351	1184.813
4	1185.228	1185.222	1185.086	1184.208	1183.473	1182.460	1183.086
5	1183.303	1183.446	1183.303	1182.555	1181.671	1180.351	1181.181
6	1181.827	1181.834	1181.548	1180.514	1179.201	1177.453	1178.602
7	1179.235	1179.521	1179.099	1178.072	1176.466	1174.439	1175.507
8	1176.589	1177.031	1176.738	1175.126	1173.228	1171.187	1172.351
9	1173.541	1173.983	1173.439	1172.255	1169.772	1167.126	1168.500
10	1170.099	1170.827	1170.119	1168.486	1166.010	1162.935	1164.344
11	1165.969	1166.997	1166.575	1164.650	1161.860	1158.500	1159.983
12	1161.840	1162.867	1162.731	1160.534	1157.037	1153.234	1154.908
13	1157.364	1158.547	1158.119	1155.622	1152.411	1147.887	1149.336
14	1151.894	1153.656	1153.370	1150.588	1146.799	1141.976	1143.683
15	1146.581	1148.493	1148.064	1145.581	1140.921	1135.812	1137.601
16	1140.683	1142.880	1142.608	1139.792	1134.975	1129.431	1131.050
17	1134.819	1137.016	1137.043	1133.649	1128.254	1122.553	1124.356
18	1128.186	1130.948	1130.676	1127.424	1121.737	1115.478	1117.050
19	1121.302	1124.240	1124.125	1121.016	1114.431	1107.417	1109.512
20	1114.138	1117.975	1117.682	1113.982	1107.131	1099.539	1101.349
21	1106.451	1110.696	1110.417	1106.580	1099.145	1090.961	1092.893
22	1098.682	1102.784	1102.961	1098.811	1090.940	1082.192	1083.940
23	1090.444	1094.974	1095.444	1090.852	1082.532	1072.749	1074.545
24	1081.471	1086.614	1087.233	1082.484	1073.579	1063.497	1065.273
25	1072.402	1078.124	1078.885	1073.845	1064.368	1053.701	1054.960
26	1063.171	1069.348	1070.253	1064.926	1054.708	1043.157	1044.755
27	1053.470	1060.354	1061.123	1056.096	1045.286	1032.735	1034.129
28	1043.272	1050.497	1051.994	1046.204	1034.687	1021.673	1022.666
29	1033.054	1040.816	1042.470	1036.483	1024.551	1010.625	1011.401
30	1022.401	1030.905	1032.877	1026.347	1013.809	998.924	999.509
31	1011.312	1020.415	1022.510	1015.707	1002.407	986.951	987.407
32	1000.088	1010.054	1012.292	1005.312	991.502	975.012	975.066
33	988.455	999.135	1001.421	994.278	979.699	962.740	962.631
34	976.686	987.924	990.679	983.386	968.202	949.937	949.331
35	964.746	976.624	979.604	972.053	955.869	936.882	935.528
36	952.610	965.236	968.522	960.978	943.875	923.718	921.977

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CANDELA TABULATION - (Cont.)

37	940.093	953.726	957.372	949.215	931.188	910.330	907.888
38	927.092	941.617	945.358	937.011	918.752	898.724	894.003
39	914.283	929.521	933.936	925.330	905.677	887.125	878.744
40	901.445	917.425	921.820	913.092	894.738	875.465	863.751
41	889.942	905.031	909.772	900.833	883.799	860.295	848.641
42	878.438	894.534	898.377	890.296	872.785	845.199	833.049
43	866.860	884.037	887.724	879.758	858.580	829.893	817.518
44	852.499	873.533	877.071	869.213	844.512	814.382	801.212
45	837.947	859.914	866.356	855.669	830.042	798.436	785.259
46	823.056	846.301	853.424	842.240	815.552	782.476	768.388
47	808.783	832.974	840.213	828.988	800.912	766.421	751.523
48	793.184	818.654	826.546	814.906	786.000	749.836	734.788
49	778.422	805.239	813.443	801.450	771.109	733.353	717.169
50	763.197	791.068	799.722	787.293	756.108	716.726	699.780
51	747.639	776.810	786.116	773.292	740.985	699.631	681.916
52	732.366	762.884	772.360	759.401	725.652	682.678	664.330
53	716.311	748.455	758.755	745.101	710.379	665.480	646.412
54	701.018	734.421	745.122	731.053	694.971	648.357	627.731
55	685.066	720.094	730.999	716.767	679.372	630.697	609.560
56	669.256	705.297	717.291	702.644	663.977	613.227	590.784
57	653.514	691.209	703.420	688.379	648.541	595.635	572.110
58	637.275	676.875	689.107	673.950	632.717	577.546	552.865
59	621.493	662.602	675.433	659.670	617.248	560.083	533.633
60	605.900	648.235	661.704	645.493	601.662	542.021	514.843
61	589.777	633.404	647.371	631.234	585.879	524.055	495.163
62	574.355	619.554	634.180	617.091	570.722	506.415	475.223
63	558.062	604.819	619.880	602.805	555.035	488.135	455.672
64	542.552	590.709	606.200	588.669	539.694	470.271	436.141
65	526.715	576.675	592.437	574.811	524.320	452.284	416.848
66	511.122	562.600	578.825	560.593	509.047	434.284	397.555
67	495.809	548.572	565.239	546.790	493.734	416.494	378.255
68	480.292	534.640	551.797	533.164	478.761	398.541	358.179
69	465.216	520.742	538.477	519.116	463.658	381.037	337.784
70	450.032	507.231	525.279	505.938	449.025	363.316	317.246
71	434.909	493.217	511.789	492.101	434.154	345.989	297.110
72	420.304	479.897	498.850	478.890	419.807	328.941	276.497
73	405.507	466.414	485.795	465.652	405.405	311.784	256.394
74	391.221	453.325	472.768	452.447	391.228	295.055	236.319
75	377.071	440.331	460.373	439.665	377.418	278.538	216.033
76	362.921	427.154	447.434	426.678	363.527	262.538	196.583
77	349.458	414.780	435.284	414.303	350.138	246.496	176.467
78	335.499	401.704	422.651	401.494	336.689	231.101	157.752
79	322.682	389.670	410.773	389.480	323.913	216.325	138.976
80	309.627	377.309	398.691	377.343	311.103	201.672	120.513
81	296.770	365.139	386.833	365.227	298.538	187.896	102.880
82	284.695	353.744	375.343	353.860	286.443	174.175	85.921
83	272.429	341.655	363.642	342.220	274.415	161.514	70.233
84	260.714	330.560	352.553	330.825	262.728	149.052	55.069
85	249.258	319.315	341.410	319.818	251.612	137.568	41.280
86	238.020	308.267	330.512	308.668	240.530	126.445	29.769
87	227.401	297.681	319.832	298.137	229.700	116.010	18.293
88	216.904	287.164	309.607	287.763	219.625	106.792	9.612
89	206.686	276.667	299.110	277.524	209.291	97.574	3.429
90	197.066	266.789	289.218	267.381	199.760	88.363	1.830
91	187.345	256.803	279.157	257.694	190.257	80.540	0.313
92	178.556	247.503	269.762	248.251	181.250	73.533	0.306

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CANDELA TABULATION - (Cont.)

93	169.603	237.993	260.156	238.843	172.610	67.070	0.320
94	161.324	228.931	251.075	229.890	164.106	61.158	0.354
95	153.249	220.189	242.054	220.924	156.045	55.818	0.395
96	145.453	211.380	233.203	212.502	148.249	50.974	0.415
97	138.126	203.169	224.693	204.053	140.902	46.613	0.442
98	130.949	194.883	216.244	195.903	133.657	42.749	0.483
99	124.262	187.121	208.257	188.053	126.997	39.287	0.524
100	117.758	179.324	200.209	180.413	120.357	36.117	0.565
101	111.765	172.032	192.617	172.923	114.221	33.389	0.599
102	105.935	164.732	185.093	165.800	108.377	30.865	0.633
103	100.452	157.902	177.814	158.780	102.860	28.654	0.667
104	94.968	151.099	170.644	152.045	97.343	26.674	0.694
105	89.513	144.643	163.780	145.664	91.846	24.810	0.728
106	84.825	138.439	157.256	139.269	86.995	23.225	0.748
107	80.444	132.303	150.643	133.269	82.506	21.688	0.748
108	76.254	126.568	144.500	127.452	78.261	20.388	0.776
109	72.349	120.928	138.425	121.820	74.213	19.130	0.816
110	68.519	115.513	132.527	116.398	70.417	18.007	0.864
111	65.145	110.500	127.146	111.357	66.859	17.014	0.898
112	61.730	105.452	121.486	106.254	63.403	16.028	0.939
113	58.627	100.649	116.425	101.458	60.199	15.204	0.980
114	55.682	95.846	111.316	96.656	57.165	14.381	1.014
115	52.838	91.043	106.506	91.860	54.246	13.667	1.061
116	50.199	86.982	101.785	87.710	51.552	13.007	1.109
117	47.648	82.873	97.064	83.635	48.960	12.368	1.143
118	45.239	79.111	92.356	79.846	46.498	11.810	1.191
119	42.988	75.410	88.111	76.036	44.192	11.272	1.225
120	40.838	71.941	84.261	72.601	41.953	10.783	1.279
121	38.804	68.539	80.322	69.158	39.892	10.334	1.327
122	36.851	65.281	76.635	65.879	37.872	9.912	1.367
123	34.974	62.172	73.118	62.784	35.953	9.517	1.429
124	33.266	59.267	69.723	59.750	34.185	9.143	1.469
125	31.565	56.355	66.383	56.893	32.409	8.796	1.537
126	30.001	53.668	63.315	54.124	30.817	8.442	1.585
127	28.477	50.981	60.178	51.464	29.205	8.089	1.646
128	26.994	48.450	57.308	48.954	27.790	7.823	1.721
129	25.633	46.056	54.525	46.532	26.402	7.578	1.782
130	24.300	43.675	51.790	44.158	25.048	7.340	1.857
131	23.075	41.491	49.253	41.974	23.844	7.129	1.932
132	21.871	39.280	46.688	39.783	22.558	6.925	2.000
133	20.735	37.239	44.328	37.742	21.477	6.742	2.075
134	19.660	35.293	42.062	35.831	20.402	6.572	2.163
135	18.579	33.334	39.797	33.899	19.381	6.422	2.238
136	17.579	31.518	37.654	32.178	18.497	6.293	2.313
137	16.626	29.742	35.606	30.470	17.579	6.163	2.395
138	15.708	28.048	33.593	28.797	16.735	6.048	2.497
139	14.858	26.470	31.804	27.314	15.966	5.946	2.599
140	14.014	24.919	29.974	25.824	15.225	5.850	2.687
141	13.218	23.416	28.246	24.456	14.551	5.755	2.782
142	12.456	21.980	26.606	23.123	13.939	5.687	2.898
143	11.735	20.626	25.028	21.899	13.334	5.633	2.993
144	11.034	19.300	23.565	20.735	12.837	5.599	3.048
145	10.361	18.069	22.116	19.613	12.313	5.578	3.095
146	9.735	16.864	20.769	18.545	11.837	5.544	3.150
147	9.177	15.722	19.456	17.538	11.402	5.538	3.204
148	8.612	14.674	18.225	16.579	11.000	5.517	3.279

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CANDELA TABULATION - (Cont.)

149	8.055	13.687	17.082	15.674	10.633	5.510	3.340
150	7.572	12.762	15.939	14.810	10.238	5.504	3.401
151	7.163	11.925	14.926	13.987	9.878	5.497	3.449
152	6.748	11.130	13.939	13.225	9.531	5.504	3.497
153	6.191	10.368	13.007	12.490	9.177	5.497	3.558
154	5.932	9.701	12.170	11.810	8.857	5.510	3.612
155	5.599	9.082	11.354	11.136	8.538	5.504	3.660
156	5.374	8.463	10.606	10.538	8.218	5.510	3.708
157	4.973	7.851	9.905	9.925	7.912	5.490	3.748
158	4.755	7.354	9.293	9.361	7.640	5.470	3.789
159	4.524	6.953	8.681	8.851	7.368	5.442	3.823
160	4.333	6.538	8.061	8.340	7.089	5.388	3.844
161	4.197	6.143	7.585	7.830	6.830	5.327	3.857
162	4.102	5.782	7.163	7.402	6.572	5.252	3.864
163	3.993	5.320	6.769	7.014	6.333	5.184	3.864
164	3.918	4.953	6.429	6.667	6.116	5.109	3.864
165	3.952	4.538	6.123	6.347	5.912	5.034	3.850
166	4.034	4.395	5.871	6.075	5.714	4.966	3.837
167	4.129	4.225	5.619	5.816	5.524	4.905	3.837
168	4.204	4.095	5.327	5.585	5.361	4.850	3.850
169	4.170	4.048	5.021	5.354	5.197	4.796	3.891
170	4.102	4.041	4.714	5.150	5.041	4.769	3.946
171	4.061	4.095	4.442	4.987	4.925	4.776	3.973
172	3.912	4.231	4.225	4.864	4.857	4.816	3.986
173	3.742	4.354	3.980	4.823	4.857	4.871	3.980
174	3.585	4.347	3.748	4.864	4.912	4.837	3.952
175	3.497	4.184	3.762	4.912	4.912	4.470	3.905
176	3.442	3.837	3.810	4.680	4.640	3.891	3.850
177	3.388	3.517	3.517	4.333	3.966	3.524	3.782
178	3.361	3.361	3.279	3.803	3.429	3.361	3.714
179	3.435	3.333	3.170	3.082	3.279	3.388	3.646
180	3.585	3.585	3.585	3.585	3.585	3.585	3.585

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	435.31	N.A.	10.30
0-30	927.81	N.A.	21.90
0-40	1528.48	N.A.	36.00
0-60	2769.31	N.A.	65.20
0-80	3650.81	N.A.	86.00
0-90	3893.61	N.A.	91.70
10-90	3781.21	N.A.	89.10
20-40	1093.17	N.A.	25.80
20-50	1731.68	N.A.	40.80
40-70	1747.23	N.A.	41.20
60-80	881.49	N.A.	20.80
70-80	375.10	N.A.	8.80
80-90	242.81	N.A.	5.70
90-110	238.86	N.A.	5.60
90-120	291.51	N.A.	6.90
90-130	321.27	N.A.	7.60
90-150	345.45	N.A.	8.10
90-180	351.46	N.A.	8.30
110-180	112.59	N.A.	2.70
0-180	4245.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	112.41
10-20	322.90
20-30	492.50
30-40	600.67
40-50	638.51
50-60	602.32
60-70	506.40
70-80	375.10
80-90	242.81
90-100	148.95
100-110	89.91
110-120	52.64
120-130	29.76
130-140	16.03
140-150	8.15
150-160	3.90
160-170	1.66
170-180	0.45

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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	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 : SWLSEL4HT4245LMWT35120-277V_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	16.4	17.9	16.8	18.4	18.9	18.4	20.0	18.9	20.5	21.0
	3H	17.9	19.3	18.4	19.7	20.3	20.9	22.3	21.4	22.8	23.4
	4H	18.3	19.7	18.9	20.2	20.7	22.2	23.5	22.7	24.0	24.5
	6H	18.6	19.8	19.1	20.4	20.9	23.4	24.7	23.9	25.2	25.8
	8H	18.7	19.8	19.2	20.4	21.0	24.1	25.3	24.6	25.8	26.4
	12H	18.7	19.8	19.2	20.3	21.0	24.8	25.9	25.4	26.5	27.1

UGR Viewed Endwise

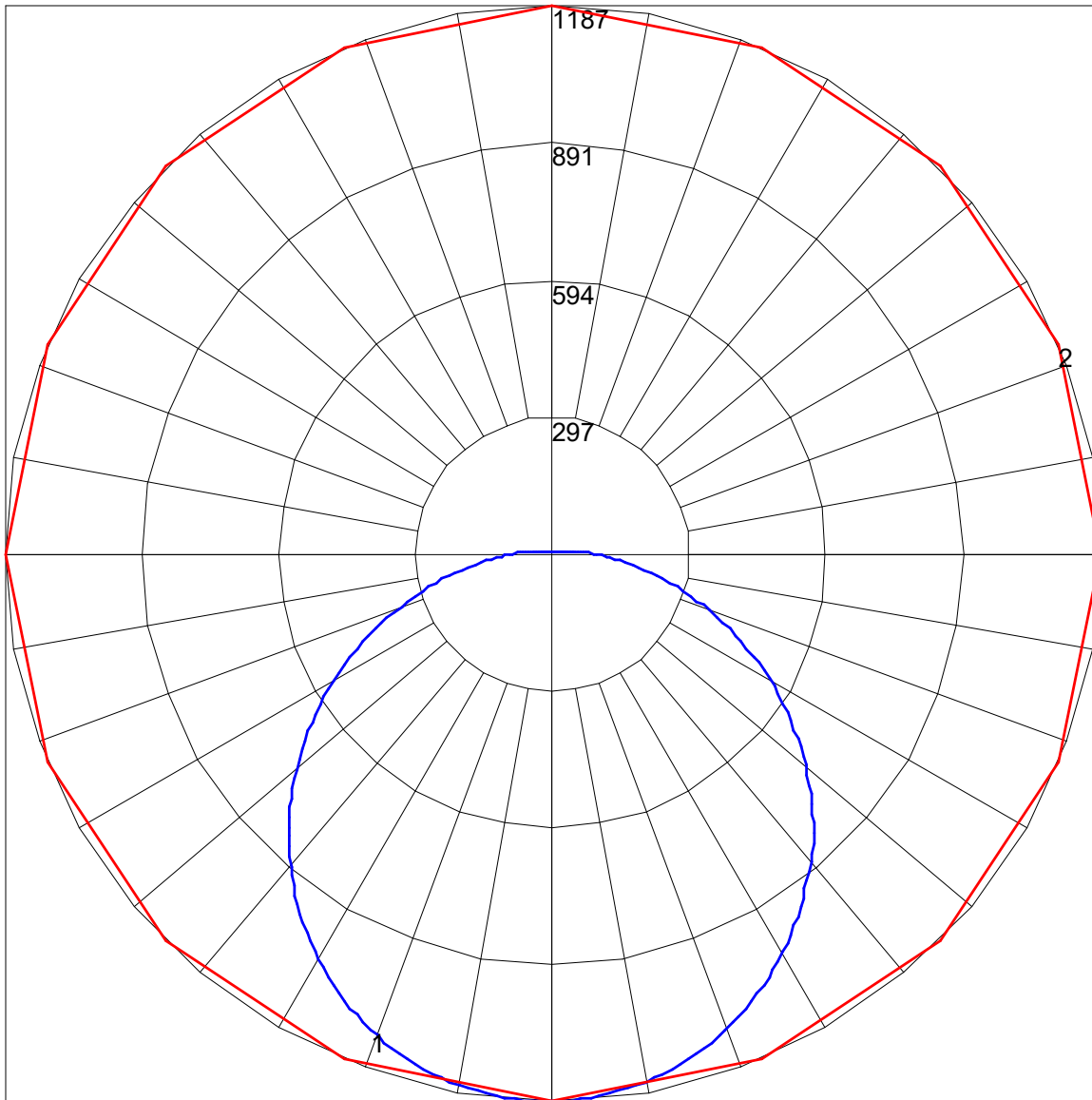
4H	2H	17.2	18.6	17.8	19.1	19.6	18.9	20.2	19.4	20.7	21.3
	3H	19.0	20.1	19.5	20.7	21.2	21.6	22.7	22.1	23.3	23.8
	4H	19.6	20.6	20.1	21.2	21.8	23.0	24.0	23.5	24.5	25.2
	6H	20.0	20.9	20.6	21.5	22.1	24.4	25.3	25.0	25.9	26.5
	8H	20.1	20.9	20.7	21.5	22.2	25.2	26.0	25.8	26.6	27.3
	12H	20.1	20.9	20.7	21.5	22.2	26.0	26.8	26.6	27.4	28.1

8H	4H	20.3	21.2	20.9	21.7	22.4	23.2	24.0	23.7	24.6	25.3
	6H	20.9	21.6	21.5	22.2	22.9	24.8	25.5	25.4	26.2	26.8
	8H	21.0	21.7	21.7	22.3	23.0	25.7	26.4	26.3	27.0	27.6
	12H	21.2	21.8	21.8	22.4	23.1	26.7	27.3	27.3	27.9	28.6

12H	4H	20.5	21.3	21.1	21.9	22.5	23.2	24.0	23.8	24.6	25.2
	6H	21.2	21.8	21.8	22.4	23.1	24.8	25.5	25.5	26.1	26.8
	8H	21.5	22.0	22.1	22.7	23.4	25.8	26.4	26.4	27.0	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1187.446 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.)