



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SWLSEL4HT6056LMWT50120-277V.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 20:03:52
 [LAMPPOSITION] 0,0
 [OTHER]
 [MANUFAC] BEGHELLI
 [LUMCAT] SWLSEL4HT6056LMWT50120-277V
 [LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6056
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	46
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.32
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	11064	8936	8683
55	10423	8130	7988
65	9424	7293	7354
75	7515	6520	6819
85	3362	5866	6543

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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	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776
1	1679.346	1679.566	1679.586	1679.985	1680.225	1680.635	1680.425	1680.025	1679.975	1679.566
2	1678.296	1678.526	1679.156	1679.576	1679.616	1680.865	1680.235	1680.245	1679.526	1679.106
3	1676.577	1677.006	1677.876	1678.716	1678.746	1680.025	1680.015	1679.616	1678.476	1677.846
4	1674.627	1675.277	1676.357	1677.846	1677.666	1679.156	1679.156	1678.746	1676.277	1675.637
5	1671.708	1672.148	1674.047	1675.747	1675.997	1677.906	1677.276	1677.076	1674.137	1672.658
6	1668.229	1668.869	1670.589	1672.718	1674.027	1675.957	1675.317	1674.267	1671.148	1669.889
7	1664.211	1665.480	1667.620	1669.959	1671.498	1672.918	1672.578	1671.518	1667.250	1665.990
8	1659.462	1661.192	1663.531	1666.730	1668.489	1669.759	1669.549	1668.499	1663.281	1662.031
9	1654.154	1656.083	1659.072	1662.491	1664.880	1666.350	1666.150	1664.481	1657.573	1656.943
10	1648.256	1651.075	1654.494	1658.353	1660.552	1662.211	1662.021	1660.122	1652.724	1651.665
11	1642.498	1645.317	1648.956	1653.444	1656.473	1658.143	1656.913	1654.804	1647.026	1645.777
12	1635.380	1638.229	1643.158	1647.866	1650.915	1652.545	1651.535	1649.236	1640.758	1639.739
13	1627.823	1631.102	1636.690	1642.258	1645.927	1647.356	1645.907	1643.388	1633.381	1632.741
14	1619.835	1623.314	1629.532	1636.180	1640.029	1641.888	1640.019	1636.450	1625.963	1624.944
15	1611.308	1615.177	1621.795	1629.102	1633.241	1635.320	1632.791	1629.202	1617.466	1616.456
16	1602.101	1606.160	1614.077	1622.205	1626.793	1628.273	1625.933	1621.255	1608.899	1607.429
17	1592.414	1597.553	1605.390	1613.967	1618.996	1621.105	1617.726	1612.578	1599.152	1598.352
18	1582.068	1586.806	1596.553	1605.990	1611.238	1612.678	1609.309	1603.541	1589.255	1588.216
19	1571.271	1576.860	1586.456	1596.943	1603.201	1604.640	1600.242	1593.854	1578.799	1577.699
20	1559.835	1565.703	1576.370	1587.316	1594.034	1595.213	1590.595	1583.987	1567.643	1566.403
21	1547.829	1554.747	1566.163	1577.969	1585.187	1586.556	1580.698	1573.391	1555.557	1554.997
22	1535.493	1542.371	1555.077	1567.932	1574.950	1576.760	1570.632	1561.894	1543.181	1542.381
23	1522.757	1530.065	1543.191	1557.336	1565.003	1566.013	1559.655	1550.008	1530.425	1530.265
24	1509.422	1516.949	1531.385	1546.420	1554.297	1554.847	1548.069	1537.782	1516.559	1517.039
25	1495.306	1503.434	1518.979	1534.613	1543.551	1544.060	1536.263	1524.977	1502.614	1502.924
26	1480.561	1489.628	1506.033	1522.557	1532.304	1532.594	1523.727	1511.151	1488.219	1488.609
27	1465.406	1475.533	1492.957	1510.341	1520.148	1520.628	1510.711	1497.266	1473.014	1473.724
28	1449.951	1460.278	1479.422	1498.116	1507.922	1508.182	1497.826	1482.871	1457.119	1458.219
29	1433.807	1444.563	1464.757	1484.310	1494.787	1494.827	1483.600	1468.015	1441.004	1442.154
30	1417.492	1429.148	1450.391	1471.434	1482.111	1481.501	1469.845	1452.770	1424.560	1425.989
31	1400.888	1412.814	1435.106	1456.839	1468.775	1468.115	1454.830	1436.486	1407.575	1409.385
32	1383.203	1396.359	1420.391	1442.564	1455.360	1454.460	1440.305	1420.711	1389.511	1391.801
33	1364.929	1379.175	1404.476	1428.109	1440.974	1439.885	1424.870	1403.497	1371.757	1374.636
34	1346.805	1361.021	1388.152	1413.274	1426.149	1425.290	1409.445	1386.342	1353.453	1356.182
35	1327.722	1343.037	1371.727	1398.158	1411.884	1409.965	1393.010	1368.658	1334.659	1337.688
36	1308.338	1323.993	1354.103	1382.054	1396.439	1394.030	1375.816	1349.615	1317.865	1319.594
37	1288.645	1306.299	1337.319	1366.529	1381.554	1379.755	1359.221	1331.451	1301.061	1303.290
38	1267.981	1285.906	1319.225	1349.744	1364.800	1361.930	1341.017	1311.897	1284.236	1286.975
39	1247.528	1266.572	1301.310	1333.540	1349.445	1346.136	1323.543	1292.673	1262.793	1268.471
40	1226.635	1246.499	1283.017	1316.395	1332.750	1328.991	1305.649	1272.290	1241.140	1247.158
41	1205.102	1225.835	1264.533	1299.411	1316.385	1312.137	1287.135	1252.047	1218.848	1225.725
42	1183.369	1205.492	1245.509	1281.847	1299.511	1295.083	1268.811	1231.394	1196.185	1203.613
43	1161.527	1184.409	1226.065	1263.643	1282.007	1276.709	1248.968	1210.051	1173.063	1181.600
44	1138.324	1162.636	1206.982	1245.899	1264.703	1259.584	1229.684	1188.848	1149.491	1158.458
45	1115.462	1140.594	1186.698	1227.415	1246.609	1240.760	1209.411	1166.655	1125.838	1135.515
46	1092.189	1118.921	1166.715	1209.341	1229.084	1223.036	1190.637	1144.722	1101.646	1112.053
47	1068.127	1096.248	1147.091	1190.257	1210.770	1204.492	1170.214	1121.890	1076.435	1088.251
48	1044.205	1073.546	1126.268	1171.773	1192.776	1186.049	1149.501	1098.767	1051.743	1064.189
49	1019.523	1050.363	1105.205	1152.550	1174.102	1166.775	1129.247	1075.795	1026.531	1039.787
50	995.231	1027.361	1084.942	1134.206	1155.729	1147.531	1107.644	1052.313	1000.690	1015.165
51	970.260	1003.699	1063.429	1114.162	1137.265	1128.557	1087.011	1028.700	974.648	989.813
52	944.728	980.156	1042.446	1094.859	1118.221	1109.064	1065.708	1004.408	948.157	965.121
53	919.646	956.034	1021.143	1075.255	1099.057	1089.300	1044.345	980.196	921.506	939.640

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CANDELA TABULATION - (Cont.)

54	893.255	931.463	998.910	1054.842	1079.734	1069.307	1022.632	955.775	894.205	913.608
55	867.764	907.261	978.117	1035.608	1060.670	1049.524	1000.730	931.213	867.234	888.337
56	841.072	882.769	956.104	1015.515	1041.876	1029.970	979.197	906.231	839.633	861.756
57	814.021	858.427	934.152	994.952	1021.173	1008.827	956.484	880.889	811.552	835.584
58	787.310	833.605	912.749	975.968	1002.629	989.553	935.231	856.477	783.811	809.253
59	760.049	808.123	889.956	955.155	982.886	969.370	912.879	830.726	755.441	782.612
60	733.268	782.992	868.703	935.631	964.022	949.377	891.176	804.964	726.380	756.190
61	705.287	758.240	846.770	915.598	944.438	929.593	869.313	779.203	697.770	729.049
62	677.396	732.338	824.638	895.095	924.425	909.140	846.770	753.851	668.769	702.578
63	649.096	707.277	802.835	876.151	905.451	889.296	824.918	728.030	639.469	675.957
64	622.145	681.525	780.672	855.598	885.758	869.143	802.405	701.768	610.598	649.126
65	595.214	656.243	759.529	836.134	867.324	849.790	781.012	676.357	580.768	622.654
66	568.282	632.301	737.407	815.851	847.380	829.596	758.750	649.826	551.068	595.503
67	539.572	608.379	716.084	796.487	828.616	809.923	737.427	625.574	521.238	569.142
68	511.121	584.457	694.491	776.944	809.303	789.989	715.434	601.371	491.468	542.761
69	481.831	559.125	672.848	757.860	790.029	770.536	694.011	577.169	461.608	516.549
70	452.691	533.454	651.855	738.316	771.335	751.182	672.618	551.908	431.867	490.948
71	423.800	508.392	632.471	718.863	752.971	731.738	650.815	525.676	402.247	465.056
72	394.830	483.191	613.118	699.629	733.758	712.705	631.552	500.635	372.377	439.965
73	366.299	458.729	593.764	680.975	715.544	693.421	612.318	475.953	342.767	414.613
74	337.589	434.287	573.491	662.011	696.810	674.437	593.084	450.851	313.457	390.431
75	309.198	410.205	553.097	643.358	678.686	656.073	572.991	426.739	284.466	366.629
76	281.207	386.742	533.224	626.743	660.382	640.259	552.288	402.457	255.846	343.037
77	252.887	363.120	513.550	610.189	642.628	623.014	532.654	378.925	227.485	320.664
78	226.035	340.748	494.177	593.644	626.803	605.720	512.951	356.212	200.164	298.222
79	199.064	318.525	475.323	575.670	611.008	587.446	493.757	333.730	173.533	277.288
80	173.063	297.042	456.669	558.166	595.204	569.912	475.073	312.117	147.821	256.745
81	148.251	276.549	438.725	540.712	577.589	551.998	455.979	290.944	122.130	237.312
82	123.839	256.185	420.691	523.777	561.005	535.093	438.405	270.961	99.087	218.658
83	100.987	237.102	402.867	506.573	543.940	517.809	420.051	250.917	77.574	200.894
84	79.654	218.468	386.043	490.218	527.756	501.315	403.007	232.523	58.011	184.509
85	60.100	201.074	369.158	473.844	511.011	484.570	385.743	214.849	40.367	168.534
86	43.576	184.399	352.953	457.699	495.207	468.305	369.158	197.645	28.201	154.619
87	27.061	168.834	337.349	442.524	479.532	452.421	353.133	181.940	16.045	140.714
88	14.455	154.239	321.834	426.719	464.117	436.756	337.459	166.855	3.919	126.888
89	5.458	140.384	307.139	411.924	449.012	421.741	322.434	152.760	0.340	115.442
90	2.859	127.638	292.473	396.869	433.957	406.246	307.319	139.754	0.240	104.985
91	0.480	116.052	278.878	382.774	419.901	392.151	293.393	127.748	0.250	95.289
92	0.430	105.195	265.262	368.438	405.156	377.565	279.338	116.452	0.260	86.671
93	0.450	95.448	252.407	354.773	391.241	363.790	266.132	106.235	0.290	78.774
94	0.500	86.621	240.011	341.547	377.435	349.974	253.466	97.018	0.330	71.806
95	0.550	78.524	227.855	328.142	364.120	336.819	240.910	88.521	0.350	65.448
96	0.580	71.436	216.549	315.696	351.204	323.993	229.284	80.833	0.380	59.770
97	0.620	64.849	205.242	302.980	338.228	311.137	217.618	73.866	0.420	54.822
98	0.690	59.590	194.996	291.274	325.982	299.081	206.832	67.608	0.470	50.253
99	0.750	54.362	184.729	279.438	313.696	286.865	196.215	62.439	0.510	46.385
100	0.810	49.124	175.082	267.962	301.900	275.419	186.368	57.311	0.560	42.846
101	0.870	45.125	165.975	257.145	290.474	264.173	176.652	52.183	0.600	39.707
102	0.920	41.516	157.068	246.149	278.898	253.136	167.535	48.224	0.630	36.958
103	0.980	38.417	148.881	236.022	268.231	242.790	158.948	44.635	0.670	34.409
104	1.040	35.548	141.023	225.815	257.435	232.253	150.580	41.436	0.710	32.209
105	1.120	33.039	133.526	216.249	247.338	222.647	142.923	38.627	0.730	30.170
106	1.170	30.750	126.348	206.702	237.032	212.850	135.235	35.988	0.690	28.331
107	1.190	28.771	119.770	198.075	227.755	204.003	128.518	33.719	0.710	26.681
108	1.250	26.931	113.403	189.058	218.078	194.856	121.670	31.650	0.730	25.152
109	1.320	25.302	107.395	180.780	209.201	186.209	115.282	29.700	0.770	23.782

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CANDELA TABULATION - (Cont.)

110	1.400	23.822	101.686	172.743	200.304	178.121	109.334	27.991	0.810	22.523
111	1.470	22.453	96.408	164.886	191.817	170.004	103.646	26.401	0.860	21.363
112	1.549	21.233	91.310	157.598	183.649	162.536	98.318	24.942	0.910	20.303
113	1.619	20.123	86.671	150.200	175.582	155.089	93.329	23.642	0.940	19.334
114	1.669	19.114	82.203	143.573	168.284	148.121	88.561	22.423	0.990	18.414
115	1.739	18.184	77.924	136.735	160.557	141.253	84.012	21.303	1.040	17.604
116	1.809	17.334	73.966	130.517	153.619	134.646	79.704	20.293	1.080	16.834
117	1.869	16.585	70.197	124.409	146.672	128.538	75.735	19.354	1.130	16.095
118	1.929	15.865	66.608	118.501	140.064	122.460	71.916	18.494	1.180	15.475
119	1.999	15.245	63.319	113.113	133.756	116.771	68.307	17.714	1.240	14.825
120	2.069	14.645	60.050	107.604	127.598	111.313	64.989	16.994	1.300	14.285
121	2.129	14.115	56.771	102.626	121.830	106.025	61.790	16.315	1.360	13.745
122	2.189	13.626	53.952	97.728	116.152	100.977	58.601	15.705	1.420	13.256
123	2.269	13.156	51.203	92.989	110.703	96.228	55.402	15.125	1.490	12.796
124	2.339	12.766	48.754	88.711	105.565	91.530	52.623	14.585	1.559	12.346
125	2.409	12.356	46.335	84.422	100.627	87.311	50.103	14.125	1.629	11.896
126	2.479	12.026	44.035	80.254	95.818	83.003	47.624	13.645	1.699	11.516
127	2.549	11.706	42.006	76.595	91.440	79.074	45.305	13.226	1.789	11.146
128	2.639	11.386	39.827	72.626	86.861	75.125	43.086	12.836	1.869	10.806
129	2.719	11.146	38.017	69.277	82.793	71.566	41.026	12.486	1.959	10.477
130	2.799	10.886	36.098	65.768	78.704	68.008	39.007	12.156	2.039	10.167
131	2.909	10.666	34.389	62.509	74.895	64.729	37.168	11.866	2.139	9.877
132	2.999	10.467	32.779	59.250	71.187	61.500	35.278	11.556	2.209	9.587
133	3.089	10.237	31.150	56.002	67.598	58.271	33.639	11.306	2.299	9.267
134	3.189	10.067	29.720	53.212	63.879	55.042	32.009	11.056	2.399	8.797
135	3.299	9.887	28.301	50.513	60.640	52.233	30.450	10.806	2.469	8.587
136	3.399	9.737	27.021	47.884	57.401	49.554	29.090	10.606	2.549	8.407
137	3.489	9.597	25.831	45.535	54.592	47.084	27.731	10.387	2.629	8.247
138	3.619	9.477	24.662	43.126	51.623	44.555	26.451	10.207	2.729	8.097
139	3.749	9.397	23.632	40.986	49.034	42.346	25.332	10.087	2.829	7.917
140	3.869	9.307	22.633	38.837	46.365	40.067	24.162	9.927	2.899	7.717
141	3.979	9.237	21.723	36.858	43.886	38.047	23.192	9.847	2.989	7.518
142	4.119	9.157	20.803	34.968	41.566	36.098	22.203	9.747	3.099	7.278
143	4.259	9.097	19.983	33.179	39.327	34.209	21.283	9.667	3.179	7.068
144	4.319	9.047	19.174	31.520	37.268	32.499	20.403	9.597	3.219	6.868
145	4.369	8.997	18.394	29.890	35.238	30.780	19.504	9.527	3.229	6.678
146	4.429	8.977	17.714	28.421	33.349	29.220	18.744	9.387	3.239	6.528
147	4.499	8.937	16.994	26.921	31.560	27.701	17.994	9.117	3.279	6.308
148	4.598	8.917	16.405	25.592	29.830	26.281	17.304	9.077	3.319	6.198
149	4.678	8.877	15.805	24.282	28.241	24.942	16.655	9.057	3.359	6.028
150	4.748	8.847	15.265	23.052	26.681	23.682	16.015	8.987	3.399	5.958
151	4.808	8.817	14.765	21.903	25.252	22.483	15.445	8.927	3.459	5.828
152	4.858	8.777	14.255	20.813	23.902	21.393	14.905	8.797	3.509	5.638
153	4.928	8.767	13.815	19.803	22.603	20.303	14.365	8.727	3.559	5.488
154	4.988	8.747	13.376	18.834	21.443	19.314	13.895	8.537	3.629	5.398
155	5.048	8.737	12.976	17.914	20.273	18.354	13.426	8.427	3.689	5.358
156	5.108	8.727	12.586	17.084	19.224	17.434	13.016	8.337	3.749	5.318
157	5.158	8.727	12.226	16.265	18.184	16.605	12.606	8.327	3.809	5.308
158	5.198	8.727	11.896	15.535	17.244	15.815	12.216	8.227	3.859	5.288
159	5.238	8.717	11.566	14.835	16.355	15.075	11.776	8.197	3.919	5.238
160	5.258	8.707	11.266	14.185	15.515	14.405	11.366	8.067	3.959	5.088
161	5.268	8.687	10.956	13.556	14.715	13.735	10.936	7.987	3.999	4.868
162	5.278	8.687	10.686	12.986	14.005	13.136	10.417	7.807	4.039	4.648
163	5.268	8.677	10.407	12.436	13.316	12.556	10.007	7.687	4.069	4.439
164	5.258	8.677	10.127	11.926	12.686	12.016	9.567	7.657	4.099	4.289
165	5.228	8.667	9.857	11.446	12.106	11.516	9.177	7.647	4.129	4.199

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CANDELA TABULATION - (Cont.)

166	5.208	8.657	9.607	10.986	11.556	11.036	8.647	7.657	4.179	4.149
167	5.188	8.637	9.387	10.577	11.056	10.587	8.197	7.687	4.249	4.199
168	5.208	8.577	9.187	10.167	10.597	10.077	7.907	7.727	4.339	4.299
169	5.248	8.467	9.027	9.787	10.137	9.577	7.837	7.617	4.449	4.399
170	5.318	8.277	8.877	9.467	9.727	9.097	7.757	7.438	4.539	4.509
171	5.368	8.007	8.767	9.187	9.357	8.627	7.727	7.278	4.618	4.588
172	5.388	7.468	8.677	8.957	9.057	8.137	7.697	7.088	4.678	4.668
173	5.378	6.948	8.597	8.777	8.787	7.787	7.647	6.818	4.748	4.738
174	5.338	6.598	8.447	8.657	8.607	7.458	7.538	6.548	4.798	4.798
175	5.298	6.258	8.107	8.537	8.477	7.128	7.228	6.258	4.788	4.798
176	5.238	5.908	7.358	8.257	8.307	6.858	6.708	5.948	4.788	4.788
177	5.148	5.568	6.668	7.637	7.807	6.318	6.188	5.588	4.798	4.798
178	5.048	5.338	5.988	6.678	7.068	5.768	5.678	5.298	4.808	4.818
179	4.978	5.148	5.308	5.708	6.308	5.108	5.138	5.158	4.848	4.848
180	4.908	4.908	4.908	4.908	4.908	4.908	4.908	4.908	4.908	4.908

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	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776	1679.776
1	1679.146	1679.766	1678.516	1679.136	1678.916	1678.296	1679.346
2	1678.686	1678.646	1677.616	1678.036	1676.747	1676.767	1678.296
3	1676.996	1676.337	1675.727	1676.357	1675.067	1674.447	1676.577
4	1674.997	1674.977	1673.518	1673.488	1672.008	1671.578	1674.627
5	1672.438	1672.208	1670.948	1670.299	1669.229	1667.959	1671.708
6	1669.249	1669.009	1667.330	1667.320	1665.620	1664.141	1668.229
7	1665.560	1665.740	1664.071	1662.981	1661.482	1659.152	1664.211
8	1661.602	1661.372	1659.722	1658.802	1656.243	1654.104	1659.462
9	1656.733	1656.683	1655.663	1653.934	1650.955	1648.386	1654.154
10	1651.245	1651.235	1650.205	1648.236	1645.217	1642.658	1648.256
11	1645.977	1646.177	1644.937	1642.748	1638.699	1635.720	1642.498
12	1639.719	1640.329	1639.089	1636.470	1632.011	1628.392	1635.380
13	1633.131	1633.371	1631.931	1629.712	1624.804	1620.745	1627.823
14	1624.894	1626.383	1624.724	1622.305	1616.786	1612.318	1619.835
15	1617.506	1618.576	1617.586	1614.277	1607.889	1603.191	1611.308
16	1609.309	1610.588	1609.809	1606.080	1599.272	1593.874	1602.101
17	1600.232	1601.521	1600.742	1596.783	1589.555	1583.367	1592.414
18	1590.765	1593.094	1591.915	1588.176	1580.048	1572.831	1582.068
19	1580.858	1583.017	1582.478	1578.249	1569.332	1562.264	1571.271
20	1570.182	1573.001	1572.671	1567.003	1558.276	1550.158	1559.835
21	1558.556	1562.844	1562.314	1556.816	1546.809	1538.082	1547.829
22	1547.209	1551.308	1551.418	1545.270	1535.283	1525.237	1535.493
23	1535.333	1540.032	1540.362	1533.994	1522.957	1511.851	1522.757
24	1522.088	1528.116	1528.036	1521.848	1509.962	1498.425	1509.422
25	1509.402	1515.850	1516.200	1509.162	1496.496	1484.480	1495.306
26	1495.806	1503.174	1503.714	1496.016	1482.911	1469.765	1480.561
27	1482.171	1489.728	1490.738	1483.030	1468.375	1454.450	1465.406
28	1467.496	1476.113	1477.352	1469.415	1453.960	1438.365	1449.951
29	1452.491	1461.758	1463.647	1455.260	1438.725	1423.110	1433.807
30	1437.396	1447.532	1449.392	1440.624	1424.090	1406.506	1417.492
31	1421.451	1432.647	1434.736	1426.149	1407.695	1389.531	1400.888
32	1405.966	1418.032	1420.801	1411.104	1391.781	1372.327	1383.203
33	1389.471	1402.337	1405.346	1395.839	1374.836	1354.533	1364.929
34	1371.617	1386.472	1389.911	1379.545	1357.892	1336.099	1346.805
35	1354.643	1370.338	1373.847	1363.450	1340.757	1318.565	1327.722
36	1336.899	1353.683	1357.782	1346.905	1324.293	1303.000	1308.338

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CANDELA TABULATION - (Cont.)

37	1320.104	1337.319	1341.427	1330.371	1309.058	1287.425	1288.645
38	1304.239	1320.654	1325.173	1316.485	1293.813	1269.671	1267.981
39	1288.375	1306.009	1311.407	1302.600	1278.488	1249.118	1247.528
40	1272.500	1291.354	1297.652	1288.695	1258.944	1227.865	1226.635
41	1252.377	1276.639	1283.806	1270.111	1239.081	1206.572	1205.102
42	1232.823	1258.595	1265.932	1252.287	1219.767	1184.999	1183.369
43	1211.880	1239.001	1247.048	1233.103	1199.154	1162.676	1161.527
44	1191.087	1220.447	1229.304	1213.949	1178.771	1140.913	1138.324
45	1170.214	1200.904	1210.191	1195.006	1157.948	1118.181	1115.462
46	1148.601	1181.190	1191.317	1175.252	1137.085	1095.089	1092.189
47	1127.518	1161.827	1172.353	1156.078	1116.282	1071.466	1068.127
48	1105.575	1141.513	1153.089	1136.115	1094.449	1048.304	1044.205
49	1083.472	1121.810	1134.196	1116.382	1073.076	1024.282	1019.523
50	1061.480	1101.247	1114.382	1096.238	1050.933	1000.210	995.231
51	1038.847	1081.133	1095.069	1076.335	1029.400	975.838	970.260
52	1016.694	1060.450	1075.005	1055.921	1007.228	950.906	944.728
53	993.552	1040.037	1055.492	1035.628	985.315	926.224	919.646
54	971.099	1019.194	1035.388	1015.355	963.082	901.612	893.255
55	948.477	999.220	1015.685	994.802	940.520	876.611	867.764
56	925.435	978.197	995.921	974.548	918.237	850.929	841.072
57	902.552	957.804	975.938	954.175	895.654	825.318	814.021
58	879.600	936.991	956.324	933.892	873.302	799.716	787.310
59	856.447	916.058	936.061	913.289	850.669	774.364	760.049
60	833.755	895.344	916.557	892.585	828.117	748.183	733.268
61	810.642	874.771	896.344	872.212	805.574	722.362	705.287
62	788.000	854.528	876.671	851.889	783.491	696.750	677.396
63	764.848	833.635	856.717	831.556	760.849	670.349	649.096
64	742.435	813.601	837.144	811.612	739.096	644.857	622.145
65	719.463	793.308	817.600	791.389	716.613	618.986	595.214
66	697.030	772.915	797.977	771.175	694.651	592.934	568.282
67	675.087	752.851	778.933	751.532	672.898	567.393	539.572
68	653.034	733.288	759.749	731.948	651.675	541.981	511.121
69	631.262	713.145	740.676	712.265	630.332	516.440	481.831
70	609.789	694.171	722.022	693.111	609.209	491.518	452.691
71	588.396	674.747	703.038	674.197	588.656	466.776	423.800
72	567.743	655.734	684.414	655.054	567.683	442.194	394.830
73	546.450	636.460	665.980	636.380	547.389	417.822	366.299
74	526.476	617.796	648.096	617.916	527.446	394.280	337.589
75	506.433	599.822	630.322	599.562	507.792	371.018	309.198
76	486.659	581.098	611.938	581.508	488.629	348.375	281.207
77	467.986	563.784	595.304	564.224	469.785	326.262	252.887
78	448.612	545.720	577.469	546.220	451.161	304.679	226.035
79	430.608	528.496	560.885	529.335	433.187	283.956	199.064
80	412.644	511.361	543.890	512.201	415.223	263.943	173.063
81	394.890	494.337	527.136	495.516	398.149	244.609	148.251
82	378.155	478.242	511.161	479.482	381.214	226.345	123.839
83	360.921	461.798	494.787	463.077	364.820	209.111	100.987
84	345.186	446.233	479.702	447.572	349.055	192.347	79.654
85	329.121	430.648	464.157	432.177	333.200	176.872	60.100
86	314.026	415.453	449.122	417.042	318.365	162.136	43.576
87	299.741	400.678	434.337	402.347	303.700	149.101	27.061
88	285.146	386.362	419.791	388.052	289.874	136.075	14.455
89	271.670	371.997	405.576	373.837	276.229	123.069	5.458
90	258.645	358.482	391.671	360.301	263.163	112.573	2.859
91	245.939	344.946	378.235	346.796	250.707	102.646	0.480
92	233.993	331.950	364.850	333.840	238.451	93.549	0.430

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CANDELA TABULATION - (Cont.)

93	222.347	319.295	352.024	321.164	226.975	85.522	0.450
94	211.390	306.979	339.448	308.948	215.899	78.114	0.500
95	200.664	294.953	327.142	296.732	205.102	71.326	0.550
96	190.547	283.346	315.126	285.256	195.076	65.428	0.580
97	180.820	271.990	303.530	274.060	185.209	59.990	0.620
98	171.583	261.024	291.964	262.913	175.872	55.122	0.690
99	162.926	250.517	281.047	252.517	167.035	50.883	0.750
100	154.429	239.941	270.231	241.880	158.568	46.945	0.810
101	146.622	230.354	259.924	232.223	150.600	43.626	0.870
102	138.814	220.477	249.648	222.407	142.633	40.487	0.920
103	131.007	211.340	239.861	213.250	134.666	37.768	0.980
104	124.219	202.303	230.324	204.203	127.828	35.318	1.040
105	117.871	193.646	221.107	195.515	121.290	33.019	1.120
106	111.953	185.439	212.190	187.198	115.302	31.090	1.170
107	106.235	177.361	203.383	179.041	109.354	29.170	1.190
108	100.907	169.644	195.086	171.383	104.026	27.581	1.250
109	95.928	162.426	187.108	164.026	98.777	26.021	1.320
110	91.110	155.159	179.091	156.708	93.889	24.602	1.400
111	86.671	148.331	171.723	149.851	89.291	23.372	1.470
112	82.373	141.503	164.406	142.993	84.882	22.123	1.549
113	78.424	134.686	157.578	136.155	80.853	21.103	1.619
114	74.595	128.658	150.840	130.027	76.855	20.083	1.669
115	71.027	122.969	144.252	124.189	73.166	19.154	1.739
116	67.658	117.481	137.665	118.811	69.697	18.314	1.809
117	64.339	112.193	131.087	113.273	66.308	17.474	1.869
118	61.380	107.155	125.409	108.344	63.219	16.774	1.929
119	58.401	102.246	119.860	103.426	60.130	16.045	1.999
120	55.702	97.768	114.662	98.757	57.361	15.435	2.069
121	52.993	93.169	109.484	94.269	54.592	14.825	2.129
122	50.503	89.051	104.625	89.960	52.023	14.275	2.189
123	48.084	84.862	99.877	85.822	49.514	13.755	2.269
124	45.885	81.043	95.419	81.873	47.164	13.256	2.339
125	43.646	77.215	90.940	77.994	44.915	12.776	2.409
126	41.606	73.586	86.891	74.465	42.786	12.286	2.479
127	39.627	70.167	82.783	70.857	40.747	11.796	2.549
128	37.618	66.748	78.864	67.558	38.797	11.396	2.639
129	35.888	63.639	75.265	64.409	37.028	11.076	2.719
130	34.069	60.420	71.486	61.140	35.188	10.746	2.799
131	32.449	57.501	68.167	58.341	33.539	10.437	2.909
132	30.850	54.642	64.779	55.352	31.899	10.167	2.999
133	29.300	51.803	61.540	52.603	30.350	9.897	3.089
134	27.881	49.294	58.561	50.053	28.960	9.677	3.189
135	26.401	46.635	55.472	47.454	27.561	9.457	3.299
136	25.072	44.205	52.653	45.175	26.361	9.267	3.399
137	23.732	41.806	49.824	42.796	25.122	9.087	3.489
138	22.503	39.547	47.184	40.647	23.982	8.917	3.619
139	21.363	37.418	44.735	38.607	22.932	8.767	3.749
140	20.153	35.238	42.186	36.528	21.883	8.617	3.869
141	19.094	33.279	39.917	34.729	20.993	8.467	3.979
142	18.014	31.250	37.648	32.879	20.143	8.377	4.119
143	17.014	29.440	35.528	31.220	19.314	8.277	4.259
144	16.045	27.631	33.539	29.650	18.604	8.227	4.319
145	15.075	25.921	31.500	28.051	17.864	8.197	4.369
146	14.205	24.262	29.670	26.621	17.214	8.147	4.429
147	13.396	22.683	27.851	25.202	16.605	8.127	4.499
148	12.596	21.233	26.161	23.882	16.025	8.097	4.598

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CANDELA TABULATION - (Cont.)

149	11.786	19.803	24.542	22.623	15.505	8.077	4.678
150	11.076	18.534	22.982	21.403	14.965	8.067	4.748
151	10.497	17.344	21.563	20.293	14.455	8.057	4.808
152	9.877	16.215	20.183	19.194	13.945	8.057	4.858
153	9.047	15.165	18.874	18.144	13.476	8.047	4.928
154	8.677	14.205	17.674	17.204	12.996	8.057	4.988
155	8.177	13.316	16.535	16.255	12.516	8.037	5.048
156	7.827	12.416	15.455	15.385	12.036	8.037	5.108
157	7.238	11.526	14.475	14.495	11.606	8.007	5.158
158	6.928	10.796	13.586	13.705	11.186	7.967	5.198
159	6.598	10.187	12.706	12.956	10.786	7.937	5.238
160	6.308	9.567	11.826	12.206	10.377	7.847	5.258
161	6.078	8.997	11.096	11.456	9.987	7.757	5.268
162	5.938	8.457	10.467	10.836	9.607	7.647	5.278
163	5.758	7.747	9.887	10.247	9.247	7.528	5.268
164	5.608	7.238	9.377	9.737	8.907	7.408	5.258
165	5.618	6.618	8.917	9.267	8.587	7.288	5.228
166	5.678	6.388	8.527	8.837	8.307	7.178	5.208
167	5.798	6.128	8.167	8.457	8.037	7.068	5.188
168	5.888	5.918	7.727	8.107	7.767	6.978	5.208
169	5.888	5.808	7.268	7.747	7.498	6.878	5.248
170	5.848	5.778	6.828	7.438	7.268	6.798	5.318
171	5.898	5.758	6.408	7.178	7.078	6.768	5.368
172	5.858	5.928	6.058	6.988	6.938	6.788	5.388
173	5.728	6.108	5.628	6.878	6.888	6.888	5.378
174	5.498	6.198	5.408	6.888	6.918	6.928	5.338
175	5.258	6.138	5.298	6.958	6.988	6.588	5.298
176	5.078	5.828	5.518	6.828	6.868	5.988	5.238
177	4.928	5.298	5.328	6.528	5.978	5.298	5.148
178	4.808	4.918	4.808	5.678	5.108	4.908	5.048
179	4.798	4.728	4.489	4.419	4.668	4.738	4.978
180	4.908	4.908	4.908	4.908	4.908	4.908	4.908

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	616.48	N.A.	10.20
0-30	1314.89	N.A.	21.70
0-40	2168.92	N.A.	35.80
0-60	3936.85	N.A.	65.00
0-80	5197.68	N.A.	85.80
0-90	5547.15	N.A.	91.60
10-90	5388.07	N.A.	89.00
20-40	1552.44	N.A.	25.60
20-50	2461.6	N.A.	40.60
40-70	2491.41	N.A.	41.10
60-80	1260.83	N.A.	20.80
70-80	537.34	N.A.	8.90
80-90	349.47	N.A.	5.80
90-110	345.74	N.A.	5.70
90-120	422.10	N.A.	7.00
90-130	465.25	N.A.	7.70
90-150	500.17	N.A.	8.30
90-180	508.78	N.A.	8.40
110-180	163.04	N.A.	2.70
0-180	6055.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	159.08
10-20	457.40
20-30	698.41
30-40	854.03
40-50	909.16
50-60	858.77
60-70	723.49
70-80	537.34
80-90	349.47
90-100	215.40
100-110	130.34
110-120	76.36
120-130	43.15
130-140	23.18
140-150	11.74
150-160	5.60
160-170	2.38
170-180	0.63

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SWLSEL4HT6056LMWT50120-277V.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	106	106	106	100	100	100	94	94	94	92
1	105	99	94	90	101	96	91	87	90	86	83	85	82	79	80	77	75	72
2	95	85	78	71	91	83	76	70	78	72	67	73	68	64	69	65	61	59
3	86	74	66	59	82	72	64	57	68	61	55	64	58	53	60	55	51	49
4	78	66	56	49	75	64	55	48	60	53	47	57	50	45	53	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	36	64	51	42	36	48	41	35	46	39	34	43	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	31	27	36	30	26	24
9	53	39	31	25	51	39	31	25	37	30	25	35	29	24	33	28	23	21
10	50	36	28	23	48	36	28	23	34	27	22	32	26	22	31	25	21	19

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	17.6	19.2	18.1	19.6	20.1	20.0	21.5	20.5	22.0	22.5
	3H	19.1	20.5	19.6	21.0	21.6	22.5	23.9	23.0	24.4	24.9
	4H	19.6	20.9	20.1	21.4	22.0	23.7	25.1	24.3	25.6	26.1
	6H	19.9	21.1	20.4	21.6	22.2	25.1	26.3	25.6	26.8	27.4
	8H	19.9	21.1	20.5	21.7	22.3	25.7	26.9	26.3	27.5	28.0
	12H	19.9	21.1	20.5	21.6	22.2	26.5	27.6	27.0	28.1	28.8

UGR Viewed Endwise

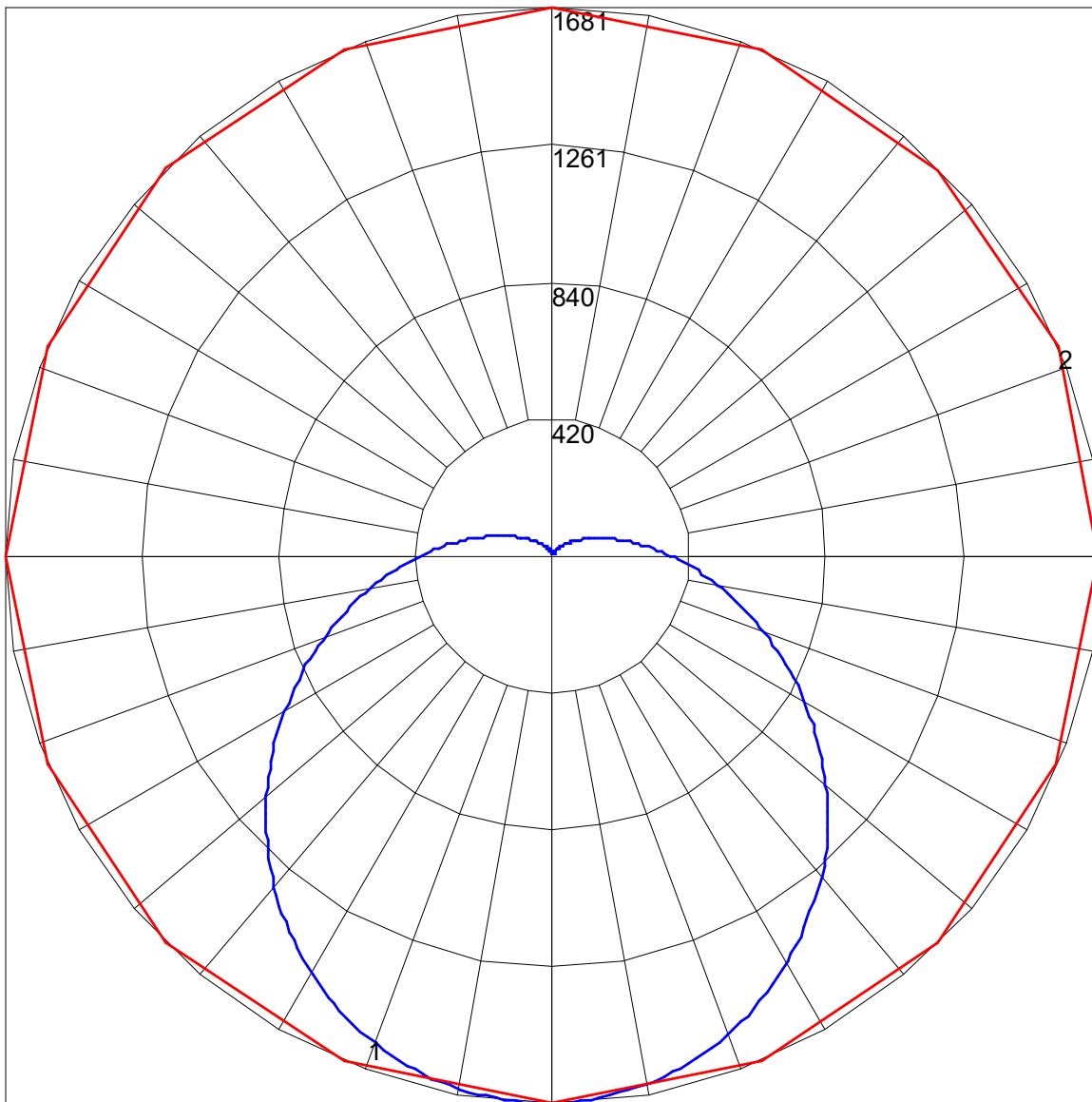
4H	2H	18.5	19.9	19.0	20.4	20.9	20.4	21.7	20.9	22.2	22.8
	3H	20.3	21.4	20.8	21.9	22.5	23.2	24.3	23.7	24.8	25.4
	4H	20.9	21.9	21.4	22.5	23.1	24.6	25.6	25.1	26.2	26.8
	6H	21.3	22.2	21.9	22.8	23.4	26.1	27.0	26.7	27.6	28.2
	8H	21.4	22.2	22.0	22.8	23.5	26.9	27.7	27.4	28.3	28.9
	12H	21.4	22.2	22.0	22.8	23.5	27.7	28.5	28.3	29.1	29.7

8H	4H	21.6	22.5	22.2	23.0	23.7	24.8	25.7	25.4	26.2	26.9
	6H	22.2	22.9	22.8	23.5	24.2	26.5	27.2	27.1	27.8	28.5
	8H	22.4	23.0	23.0	23.7	24.3	27.4	28.0	28.0	28.7	29.3
	12H	22.5	23.1	23.1	23.7	24.4	28.4	29.0	29.0	29.6	30.3

12H	4H	21.8	22.6	22.4	23.2	23.8	24.8	25.6	25.4	26.2	26.9
	6H	22.5	23.2	23.1	23.8	24.5	26.5	27.2	27.1	27.8	28.5
	8H	22.8	23.4	23.4	24.0	24.7	27.5	28.1	28.1	28.7	29.4

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 1680.865 Located At Horizontal Angle = 112.5, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)