

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] DG3220530-23703E-EE  
[TESTLAB] Bay Area Compliance Labs Corp.  
[TESTDATE] 2022-06-08  
[ISSUEDATE] 2022-06-08 14:38:08  
[LAMPPOSITION] 0,0  
[OTHER]  
[MANUFAC] BEGHELLI  
[LUMCAT] SLSEL4HT35WWT40120-277V\_P  
[LAMP] LED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5203
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	35.3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.09 m
Luminous Height	0.05 m

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11412	8806	8664
55	10529	7869	7907
65	9247	6997	7254
75	7092	6238	6727
85	3071	5721	6395

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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	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338
1	1360.591	1360.665	1360.495	1360.857	1360.921	1361.306	1361.572	1361.796	1360.889	1361.818
2	1358.851	1359.364	1359.342	1359.662	1360.377	1360.804	1361.071	1361.668	1361.551	1361.850
3	1356.995	1357.272	1358.083	1358.403	1358.830	1359.886	1360.879	1360.911	1360.569	1361.487
4	1354.455	1355.437	1355.736	1356.397	1357.272	1358.510	1359.406	1360.409	1358.905	1360.228
5	1351.361	1351.851	1352.492	1354.210	1356.109	1356.536	1357.603	1358.681	1357.005	1358.595
6	1347.903	1348.853	1349.611	1351.158	1354.231	1355.383	1355.586	1356.611	1354.914	1356.290
7	1344.499	1344.990	1346.580	1348.437	1351.339	1352.684	1353.815	1354.082	1352.300	1353.623
8	1339.377	1340.402	1342.632	1345.022	1347.797	1350.368	1350.197	1351.265	1349.098	1350.998
9	1334.448	1335.696	1338.460	1342.194	1344.958	1347.348	1346.730	1347.519	1344.563	1347.092
10	1329.304	1330.297	1334.138	1338.097	1341.565	1343.592	1343.080	1343.838	1340.850	1342.973
11	1323.190	1323.884	1328.749	1333.509	1337.563	1340.327	1339.698	1339.772	1336.123	1338.364
12	1317.151	1318.442	1322.635	1328.653	1333.306	1335.301	1334.405	1333.733	1330.894	1333.295
13	1309.446	1311.068	1317.705	1323.521	1328.653	1330.830	1329.326	1328.163	1324.182	1327.597
14	1302.169	1303.951	1310.695	1317.908	1323.852	1326.541	1323.830	1322.998	1318.090	1322.198
15	1294.379	1296.492	1303.898	1312.221	1318.527	1320.939	1318.164	1316.585	1310.535	1315.582
16	1285.854	1288.511	1296.684	1305.562	1312.968	1314.782	1311.783	1309.158	1303.161	1307.931
17	1277.306	1279.195	1289.087	1298.658	1306.277	1308.678	1305.327	1301.753	1295.446	1300.963
18	1267.543	1270.146	1280.689	1292.597	1300.504	1302.308	1297.794	1293.942	1287.486	1293.067
19	1257.523	1261.450	1272.867	1284.915	1293.472	1295.169	1290.389	1285.181	1277.733	1284.306
20	1246.959	1251.654	1264.299	1277.755	1287.017	1288.041	1282.738	1276.325	1268.834	1275.162
21	1236.310	1241.080	1255.111	1269.207	1279.867	1280.348	1273.646	1266.582	1258.718	1266.060
22	1225.586	1230.142	1245.316	1261.226	1271.566	1272.857	1265.024	1257.064	1248.069	1256.403
23	1213.699	1219.290	1234.859	1252.700	1263.360	1264.395	1255.592	1246.724	1237.057	1245.593
24	1201.492	1207.681	1225.084	1243.480	1255.528	1255.656	1245.604	1236.214	1225.629	1235.734
25	1189.380	1195.164	1214.552	1234.218	1246.639	1247.109	1235.926	1224.593	1213.325	1224.391
26	1175.679	1183.533	1203.487	1224.658	1238.305	1237.740	1225.917	1213.251	1200.553	1212.760
27	1162.629	1169.885	1192.315	1215.182	1228.819	1227.731	1215.001	1201.267	1188.826	1200.766
28	1148.661	1157.123	1180.193	1205.258	1219.920	1218.063	1203.796	1188.868	1174.954	1187.972
29	1133.733	1143.539	1169.160	1194.780	1209.420	1208.033	1192.550	1175.957	1161.338	1175.573
30	1119.616	1129.977	1156.429	1184.120	1199.955	1197.298	1180.449	1162.501	1147.146	1162.288
31	1104.645	1115.646	1144.094	1173.182	1189.380	1186.649	1168.583	1148.587	1132.399	1148.491
32	1089.311	1100.686	1130.511	1162.202	1179.275	1175.690	1155.821	1134.907	1117.300	1134.747
33	1073.807	1085.747	1117.172	1151.052	1168.562	1164.678	1142.792	1120.107	1101.582	1120.267
34	1057.716	1070.510	1103.941	1138.919	1157.166	1152.737	1129.870	1105.125	1085.598	1105.242
35	1041.496	1054.866	1090.112	1127.235	1145.204	1141.021	1116.521	1089.695	1069.912	1089.909
36	1024.999	1038.839	1075.962	1114.697	1134.096	1128.985	1102.820	1073.839	1052.988	1074.671
37	1007.692	1022.481	1061.866	1102.137	1122.636	1116.436	1088.596	1057.950	1035.595	1058.356
38	990.096	1005.878	1047.899	1089.877	1110.354	1104.090	1074.799	1041.357	1017.903	1042.659
39	972.649	989.029	1032.458	1077.008	1098.307	1090.698	1059.807	1024.722	1000.062	1025.874
40	954.787	971.636	1017.946	1063.392	1086.014	1078.619	1044.900	1007.745	982.050	1009.410
41	936.476	954.285	1002.655	1050.812	1073.380	1064.993	1030.057	990.277	964.102	991.920
42	917.493	936.924	987.588	1037.420	1061.205	1051.591	1014.617	972.788	944.863	974.581
43	898.787	919.136	972.414	1023.879	1048.336	1038.188	999.208	955.075	925.848	957.049
44	879.537	901.124	956.355	1010.071	1035.083	1024.263	983.235	936.316	906.449	938.653
45	860.512	883.080	941.021	996.274	1022.310	1010.733	967.250	918.389	886.825	920.854
46	840.942	864.396	925.218	982.658	1008.695	996.509	951.180	899.203	866.423	902.554
47	820.667	845.861	908.967	967.869	994.641	982.199	935.089	880.167	846.448	883.774
48	801.162	826.952	892.918	953.624	981.026	967.922	918.645	861.163	825.555	865.217
49	780.738	808.268	876.144	939.218	967.453	953.143	901.465	842.105	805.152	845.839
50	760.229	789.189	859.935	924.589	953.261	939.229	885.844	822.097	783.800	826.558
51	739.880	770.174	843.428	910.130	939.410	924.055	868.579	802.485	762.662	807.116
52	718.934	750.519	826.675	895.330	925.400	909.436	852.018	782.467	741.022	787.727
53	697.998	731.034	810.008	880.444	910.941	894.658	834.998	762.886	719.339	768.189

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**CANDELA TABULATION - (Cont.)**

54	676.966	711.859	793.383	865.548	896.898	879.527	818.245	742.345	697.560	748.395
55	655.838	692.332	776.982	850.759	882.728	864.983	801.055	722.370	675.568	728.772
56	634.508	672.580	760.464	835.926	868.813	849.681	783.822	702.181	653.416	708.967
57	612.633	653.053	743.999	821.671	854.824	834.230	767.080	681.875	630.720	688.821
58	590.918	633.099	727.235	806.700	840.120	819.686	749.825	661.472	608.301	668.739
59	569.225	613.561	710.973	792.177	825.971	804.992	732.773	640.793	585.604	648.305
60	547.467	593.874	694.530	777.067	811.341	790.075	715.604	619.985	562.758	628.265
61	525.710	574.539	678.140	762.534	796.787	774.538	698.873	599.849	539.945	608.055
62	503.270	554.691	661.355	747.382	782.114	759.386	682.141	579.276	516.832	587.856
63	481.107	535.121	644.794	732.709	767.762	744.372	665.047	558.832	493.687	567.838
64	459.477	516.202	629.204	718.037	753.144	729.487	648.454	538.717	470.383	547.798
65	437.250	496.696	612.996	703.013	739.037	714.633	631.723	518.337	447.355	528.239
66	414.895	477.447	596.990	688.160	724.685	699.684	615.162	498.148	423.965	508.253
67	392.882	458.261	581.080	673.925	710.162	684.457	598.686	477.980	400.565	488.373
68	370.655	439.822	565.170	659.829	695.757	670.201	582.499	458.741	377.047	469.092
69	348.567	421.458	549.879	645.573	681.501	655.369	566.450	438.968	354.436	449.735
70	326.297	402.987	534.374	630.986	667.629	640.739	550.669	419.697	331.078	430.656
71	304.743	384.868	519.062	616.837	653.512	626.483	534.780	400.277	308.040	411.950
72	282.910	366.931	504.187	602.880	639.662	611.971	519.179	382.051	285.333	393.458
73	261.334	349.484	489.472	588.987	626.323	598.003	503.675	363.282	262.764	374.966
74	239.886	332.529	474.928	575.254	612.409	584.004	488.629	345.600	240.388	357.071
75	218.759	315.627	460.534	561.521	598.900	570.174	473.499	327.300	218.567	339.699
76	198.186	299.493	446.502	548.129	585.487	556.356	458.954	310.462	197.172	322.370
77	177.591	283.412	432.619	534.545	571.871	542.388	444.677	293.805	176.076	305.447
78	157.840	267.929	418.694	521.484	558.682	528.975	430.411	277.340	154.980	288.982
79	138.419	252.926	405.537	508.253	545.653	515.658	416.240	261.409	133.938	273.275
80	119.671	238.457	392.306	495.320	532.411	502.352	402.475	246.182	114.795	257.941
81	101.947	224.489	379.565	482.718	519.596	489.387	389.329	231.393	96.217	243.205
82	84.543	210.820	366.771	469.806	506.802	476.444	375.969	217.073	79.133	228.864
83	68.794	198.239	354.457	457.514	494.392	463.842	363.335	203.436	62.903	214.832
84	55.050	185.808	342.591	445.371	481.843	451.208	350.829	190.684	47.943	201.782
85	41.359	173.857	330.640	433.452	469.871	438.936	338.547	178.210	34.786	189.222
86	27.658	162.887	319.223	421.372	457.802	426.889	326.660	166.355	24.863	177.228
87	17.116	152.430	307.933	409.806	445.830	414.959	314.858	155.215	14.950	165.683
88	8.216	142.293	296.953	398.537	433.985	403.371	303.665	144.864	5.154	154.543
89	5.591	132.775	286.197	386.864	422.536	391.900	292.557	134.941	0.726	143.413
90	2.998	124.046	275.889	376.065	411.001	380.621	281.758	125.807	0.203	134.066
91	0.405	115.755	265.816	365.138	399.967	369.375	271.301	117.206	0.213	125.038
92	0.363	107.880	255.988	354.169	388.667	358.512	261.142	109.065	0.224	116.769
93	0.384	100.837	246.524	343.946	378.018	347.905	251.517	101.723	0.245	108.840
94	0.405	94.083	237.165	333.543	367.294	337.352	241.572	94.680	0.267	101.478
95	0.437	87.862	228.191	323.416	356.708	327.162	232.428	88.278	0.299	94.873
96	0.480	82.068	219.484	313.567	346.657	317.152	223.475	82.484	0.320	88.492
97	0.534	76.797	210.958	303.932	336.616	307.197	214.768	76.946	0.363	82.623
98	0.598	71.899	202.763	294.435	326.521	297.390	206.274	71.899	0.427	77.330
99	0.683	67.545	194.974	285.173	316.886	288.150	198.036	67.556	0.491	72.443
100	0.758	63.223	187.174	276.071	307.389	278.802	190.279	63.234	0.576	67.929
101	0.832	58.891	179.832	267.150	297.967	269.722	182.606	58.923	0.672	63.640
102	0.918	55.466	172.693	258.592	288.662	261.089	175.222	55.370	0.779	59.894
103	1.024	52.297	165.768	250.034	279.944	252.243	168.212	52.222	0.907	56.309
104	1.142	49.352	159.014	241.615	271.119	244.027	161.468	49.266	1.035	53.022
105	1.270	46.695	152.675	233.516	262.369	235.821	154.884	46.599	1.174	50.077
106	1.409	44.251	146.529	225.577	253.833	227.605	148.535	44.123	1.312	47.314
107	1.537	42.021	140.522	217.884	245.734	219.858	142.528	41.914	1.462	44.763
108	1.675	39.940	134.813	210.297	237.507	212.111	136.637	39.897	1.601	42.405
109	1.803	38.073	129.339	203.041	229.781	204.833	131.057	37.987	1.750	40.271

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**CANDELA TABULATION - (Cont.)**

110	1.931	36.312	124.067	195.913	222.141	197.652	125.700	36.259	1.889	38.276
111	2.070	34.701	118.999	188.870	214.490	190.449	120.471	34.690	2.038	36.408
112	2.219	33.228	114.080	182.041	207.192	183.642	115.563	33.228	2.187	34.722
113	2.369	31.852	109.406	175.532	199.968	176.972	110.857	31.863	2.337	33.122
114	2.529	30.603	104.935	169.161	192.829	170.485	106.322	30.635	2.476	31.628
115	2.678	29.419	100.624	162.834	186.128	164.210	101.979	29.504	2.614	30.262
116	2.828	28.352	96.495	156.858	179.608	158.160	97.796	28.448	2.753	29.003
117	2.966	27.359	92.674	150.989	173.056	152.249	93.870	27.434	2.892	27.808
118	3.116	26.410	88.822	145.291	166.782	146.444	89.932	26.538	3.030	26.677
119	3.265	25.524	85.184	139.860	160.678	140.959	86.336	25.684	3.191	25.652
120	3.404	24.724	81.780	134.471	154.649	135.506	82.836	24.873	3.329	24.670
121	3.543	23.956	78.418	129.275	148.898	130.288	79.421	24.105	3.479	23.721
122	3.692	23.241	75.271	124.281	143.211	125.295	76.252	23.422	3.628	22.878
123	3.831	22.558	72.229	119.468	137.822	120.365	73.158	22.760	3.767	22.078
124	3.980	21.917	69.370	114.656	132.423	115.595	70.159	22.110	3.916	21.288
125	4.130	21.320	66.521	110.110	127.322	110.879	67.321	21.523	4.055	20.562
126	4.279	20.765	63.661	105.746	122.328	106.546	64.493	20.978	4.194	19.922
127	4.439	20.232	60.812	101.414	117.409	102.225	61.655	20.445	4.332	19.228
128	4.588	19.730	58.390	97.252	112.639	98.042	59.147	19.943	4.460	18.588
129	4.738	19.250	56.074	93.304	108.083	94.040	56.821	19.485	4.588	17.991
130	4.898	18.791	53.833	89.484	103.687	90.156	54.591	19.036	4.727	17.414
131	5.047	18.364	51.689	85.760	99.365	86.421	52.403	18.599	4.855	16.849
132	5.197	17.937	49.650	82.185	95.203	82.793	50.323	18.193	4.994	16.315
133	5.357	17.543	47.687	78.728	91.223	79.336	48.327	17.809	5.122	15.793
134	5.506	17.169	45.809	75.335	87.296	75.890	46.449	17.446	5.239	15.227
135	5.666	16.828	44.027	72.133	83.594	72.656	44.657	17.094	5.367	14.715
136	5.815	16.486	42.309	68.858	80.019	69.540	42.875	16.764	5.485	14.213
137	5.976	16.166	40.655	65.902	76.455	66.510	41.221	16.443	5.591	13.722
138	6.146	15.878	39.097	62.967	73.072	63.480	39.652	16.155	5.709	13.232
139	6.317	15.600	37.593	60.022	69.818	60.449	38.137	15.878	5.805	12.741
140	6.488	15.355	36.152	57.387	66.670	57.792	36.675	15.611	5.901	12.068
141	6.658	15.088	34.765	54.836	63.522	55.231	35.266	15.376	5.986	10.991
142	6.829	14.854	33.463	52.446	60.385	52.798	33.922	15.131	6.082	10.927
143	7.000	14.629	32.183	50.141	57.600	50.440	32.631	14.907	6.189	10.564
144	7.160	14.405	30.966	47.879	54.943	48.178	31.425	14.693	6.296	10.201
145	7.309	14.192	29.824	45.713	52.361	46.022	30.219	14.480	6.381	9.806
146	7.448	14.000	28.683	43.643	49.885	43.931	29.099	14.235	6.456	9.486
147	7.533	13.808	27.594	41.615	47.484	41.893	27.978	13.904	6.498	9.219
148	7.608	13.605	26.559	39.716	45.190	39.972	26.922	13.520	6.509	8.931
149	7.662	13.424	25.556	37.849	42.992	38.105	25.898	13.221	6.520	8.643
150	7.694	13.253	24.596	36.077	40.901	36.323	24.937	13.104	6.530	8.344
151	7.758	13.072	23.678	34.381	38.905	34.605	23.977	12.709	6.541	7.886
152	7.811	12.911	22.792	32.759	36.942	32.962	23.081	12.453	6.552	7.341
153	7.832	12.773	21.928	31.201	35.085	31.382	22.238	12.453	6.562	6.861
154	7.854	12.634	21.139	29.696	33.303	29.899	21.405	12.207	6.573	6.466
155	7.896	12.506	20.370	28.277	31.585	28.437	20.605	11.951	6.584	6.221
156	7.918	12.367	19.602	26.890	29.942	27.082	19.847	11.887	6.584	6.253
157	7.896	12.197	18.887	25.567	28.363	25.748	19.111	11.588	6.584	6.413
158	7.875	11.983	18.193	24.318	26.901	24.478	18.332	11.023	6.573	6.424
159	7.832	11.716	17.521	23.113	25.417	23.262	17.361	10.543	6.562	6.392
160	7.790	11.407	16.860	21.949	24.062	22.078	16.326	10.105	6.530	6.349
161	7.726	11.087	16.262	20.850	22.771	20.968	15.504	9.646	6.477	6.349
162	7.651	10.745	15.654	19.773	21.512	19.890	14.651	9.209	6.434	6.306
163	7.576	10.436	15.088	18.791	20.328	18.887	13.765	8.878	6.392	6.285
164	7.480	10.148	14.533	17.820	19.207	17.927	12.666	8.633	6.338	6.285
165	7.384	9.870	14.032	16.913	18.119	16.998	11.983	8.462	6.296	6.253

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

166	7.277	9.646	13.573	16.049	17.116	15.985	11.471	8.398	6.264	6.253
167	7.320	9.476	13.082	15.270	16.177	14.950	11.044	8.376	6.285	6.253
168	7.309	9.241	12.506	14.533	15.312	13.936	10.457	8.376	6.413	6.306
169	7.395	9.006	11.791	13.861	14.501	13.018	9.892	8.451	6.552	6.434
170	7.480	8.835	11.097	13.210	13.765	11.898	9.230	8.451	6.701	6.626
171	7.512	8.590	10.447	12.410	13.040	10.991	8.750	8.419	6.819	6.787
172	7.587	8.483	9.988	11.471	12.079	9.806	8.408	8.430	6.936	6.915
173	7.640	8.387	9.753	10.585	11.065	8.601	8.462	8.408	7.075	7.064
174	7.726	8.280	9.497	9.988	10.158	7.886	8.483	8.398	7.235	7.224
175	7.822	8.174	9.209	9.774	9.796	7.630	8.504	8.376	7.395	7.395
176	7.886	8.099	8.857	9.678	9.433	7.469	8.408	8.334	7.576	7.576
177	7.939	8.067	8.515	8.985	8.953	7.469	8.131	8.184	7.747	7.747
178	8.003	8.067	8.227	8.344	7.256	7.299	7.950	8.174	7.907	7.896
179	8.024	8.056	7.971	7.715	5.527	7.128	7.832	8.152	8.014	8.014
180	8.067	8.067	8.067	8.067	8.067	8.067	8.067	8.067	8.067	8.067

**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	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338	1361.338
1	1361.124	1361.679	1361.124	1361.754	1360.356	1360.036	1360.591
2	1361.252	1361.423	1360.548	1360.623	1359.470	1359.065	1358.851
3	1360.569	1360.633	1359.897	1359.235	1358.168	1356.546	1356.995
4	1359.897	1359.940	1359.171	1357.955	1355.853	1353.879	1354.455
5	1358.841	1358.147	1358.030	1356.621	1353.804	1351.051	1351.361
6	1356.877	1356.440	1355.821	1354.050	1350.688	1347.348	1347.903
7	1354.807	1354.668	1354.231	1351.168	1347.050	1343.262	1344.499
8	1351.659	1352.182	1351.638	1348.287	1343.315	1339.367	1339.377
9	1348.704	1349.248	1348.159	1345.097	1339.719	1334.416	1334.448
10	1345.097	1346.281	1345.108	1341.842	1335.579	1329.262	1329.304
11	1340.850	1343.240	1341.842	1337.627	1330.254	1322.497	1323.190
12	1336.827	1338.470	1337.531	1332.676	1324.193	1316.468	1317.151
13	1331.780	1334.586	1333.647	1328.195	1318.911	1309.478	1309.446
14	1326.605	1329.902	1328.504	1322.486	1312.765	1302.425	1302.169
15	1320.789	1324.929	1323.713	1317.012	1305.445	1294.401	1294.379
16	1314.782	1319.189	1318.079	1310.834	1298.584	1286.248	1285.854
17	1307.590	1314.035	1312.466	1304.783	1290.677	1277.616	1277.306
18	1301.379	1307.654	1306.565	1297.613	1283.154	1268.802	1267.543
19	1293.579	1301.049	1299.907	1290.132	1274.521	1259.188	1257.523
20	1285.736	1294.433	1292.960	1282.812	1266.209	1248.858	1246.959
21	1277.306	1286.921	1285.651	1274.959	1256.349	1238.849	1236.310
22	1268.727	1278.864	1278.117	1266.604	1247.653	1227.997	1225.586
23	1259.839	1271.043	1270.360	1258.387	1237.836	1216.676	1213.699
24	1250.801	1262.389	1262.282	1249.862	1227.816	1205.333	1201.492
25	1240.845	1253.916	1254.343	1240.503	1216.633	1193.019	1189.380
26	1230.388	1244.516	1245.177	1230.494	1205.397	1180.428	1175.679
27	1220.368	1235.413	1236.449	1221.392	1194.769	1167.634	1162.629
28	1209.121	1225.831	1227.080	1211.266	1183.138	1154.274	1148.661
29	1197.789	1215.982	1217.444	1201.214	1171.304	1140.808	1133.733
30	1186.638	1205.589	1207.200	1190.309	1158.756	1126.904	1119.616
31	1174.676	1194.950	1196.861	1178.945	1146.495	1112.552	1104.645
32	1162.960	1184.024	1186.371	1167.858	1133.605	1097.432	1089.311
33	1150.198	1173.076	1175.455	1156.376	1120.832	1082.984	1073.807
34	1136.934	1161.381	1164.721	1144.937	1107.323	1067.223	1057.716
35	1123.809	1149.334	1153.698	1132.634	1093.740	1051.559	1041.496
36	1110.300	1137.948	1142.462	1120.491	1079.238	1035.947	1024.999

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

37	1096.919	1125.602	1130.681	1107.857	1065.761	1019.248	1007.692
38	1082.727	1113.096	1118.591	1095.265	1051.324	1003.018	990.096
39	1068.642	1100.932	1106.502	1082.856	1036.801	986.628	972.649
40	1054.120	1087.636	1094.017	1069.795	1021.499	969.533	954.787
41	1039.511	1075.247	1081.532	1056.680	1006.891	952.226	936.476
42	1024.124	1061.728	1068.866	1043.022	991.440	934.672	917.493
43	1009.196	1048.091	1056.275	1029.481	976.576	917.098	898.787
44	993.830	1034.304	1042.809	1016.036	960.805	898.712	879.537
45	977.707	1020.806	1029.844	1001.919	945.375	880.370	860.512
46	962.576	1006.827	1017.071	988.506	929.188	862.699	840.942
47	946.773	992.913	1003.178	973.844	912.787	843.993	820.667
48	930.351	978.710	989.455	959.652	897.037	825.160	801.162
49	913.950	964.305	975.114	945.247	880.850	806.657	780.738
50	897.976	949.985	961.872	931.354	864.364	787.813	760.229
51	881.394	935.345	947.861	916.639	847.600	768.573	739.880
52	864.951	920.096	933.275	901.700	831.541	749.398	718.934
53	848.411	905.734	919.638	887.113	815.236	730.746	697.998
54	831.242	891.200	905.019	871.961	798.707	710.899	676.966
55	814.745	876.069	890.496	857.567	782.285	691.393	655.838
56	797.704	861.141	876.859	842.820	765.586	671.887	634.508
57	781.111	845.904	861.803	827.742	748.907	652.648	612.633
58	764.209	830.826	847.771	812.739	732.389	632.459	590.918
59	747.510	816.079	832.928	797.982	715.829	613.615	569.225
60	730.650	800.937	817.989	782.936	699.684	594.183	547.467
61	713.769	785.935	803.413	768.179	683.091	574.123	525.710
62	697.198	770.878	789.349	753.229	666.584	555.140	503.270
63	680.626	755.897	774.837	738.525	650.642	535.570	481.107
64	663.553	740.969	759.930	723.490	634.252	516.202	459.477
65	647.099	725.998	745.717	708.743	618.246	496.814	437.250
66	630.805	710.845	730.981	693.858	602.325	477.703	414.895
67	614.522	695.768	716.629	679.143	586.426	458.912	392.882
68	598.420	681.256	702.053	664.908	570.761	440.003	370.655
69	582.424	666.584	688.117	650.610	555.268	421.703	348.567
70	566.429	651.730	673.594	635.713	539.550	403.019	326.297
71	550.711	637.122	659.232	621.682	524.472	385.028	304.743
72	535.249	622.791	645.520	607.714	509.715	367.144	282.910
73	519.841	608.525	630.986	593.266	494.242	349.869	261.334
74	504.625	593.917	617.477	579.597	479.826	332.454	239.886
75	489.526	580.077	603.499	565.234	465.335	315.733	218.759
76	474.843	566.194	589.531	551.768	451.389	299.386	198.186
77	460.086	552.173	575.744	538.131	437.240	283.177	177.591
78	445.883	538.611	562.577	524.782	423.528	267.609	157.840
79	431.766	524.984	549.260	511.283	409.902	252.478	138.419
80	417.905	511.539	536.039	498.596	396.510	237.848	119.671
81	404.267	498.137	523.032	485.450	383.449	223.678	101.947
82	390.705	485.226	510.131	472.698	370.666	210.115	84.543
83	377.687	472.261	497.326	460.000	357.957	197.129	68.794
84	364.754	459.755	484.809	447.569	345.750	184.602	55.050
85	352.344	446.993	472.218	435.554	333.831	172.768	41.359
86	339.945	434.679	459.936	423.176	321.901	161.660	27.658
87	327.780	422.151	447.654	411.524	310.505	150.563	17.116
88	316.309	410.339	436.119	399.540	299.279	139.518	8.216
89	304.817	398.623	424.094	388.219	288.534	130.128	5.591
90	293.496	386.981	412.623	376.993	277.885	121.112	2.998
91	282.729	375.692	401.312	365.832	267.577	112.895	0.405
92	272.357	364.466	390.182	355.204	257.578	105.116	0.363

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

93	262.060	353.454	379.127	344.587	247.815	98.010	0.384
94	251.923	342.634	368.201	333.948	238.467	91.170	0.405
95	242.351	332.198	357.647	323.736	229.226	85.045	0.437
96	233.015	321.933	347.297	313.802	220.391	79.325	0.480
97	223.806	311.806	336.968	303.953	211.759	73.926	0.534
98	215.131	301.936	326.937	294.264	203.361	69.199	0.598
99	206.669	292.354	317.024	284.863	195.411	64.749	0.683
100	198.378	282.942	307.464	275.761	187.632	60.652	0.758
101	190.375	273.563	297.881	266.712	180.067	56.864	0.832
102	182.735	264.557	288.705	257.813	172.811	53.492	0.918
103	175.393	255.818	279.635	249.298	165.907	50.301	1.024
104	168.233	247.153	270.938	240.943	159.014	47.367	1.142
105	161.447	238.990	262.295	232.833	152.131	44.753	1.270
106	154.671	230.656	253.758	224.852	145.270	42.320	1.409
107	147.895	222.824	245.531	217.083	139.252	40.047	1.537
108	141.140	214.832	237.283	209.507	133.500	38.030	1.675
109	135.325	207.245	229.333	202.070	127.973	36.131	1.803
110	129.680	199.861	221.757	195.016	122.659	34.327	1.931
111	124.185	192.722	214.096	188.027	117.537	32.716	2.070
112	118.999	185.701	206.765	181.273	112.628	31.233	2.219
113	114.026	178.978	199.562	174.582	107.869	29.835	2.369
114	109.118	172.384	192.455	168.201	103.324	28.523	2.529
115	104.487	166.003	185.637	161.980	99.002	27.359	2.678
116	100.048	159.814	179.021	155.716	94.809	26.250	2.828
117	95.790	153.166	172.555	149.453	90.807	25.183	2.966
118	91.703	146.540	166.195	143.200	86.955	24.222	3.116
119	87.830	141.023	160.091	137.640	83.263	23.326	3.265
120	84.063	135.538	153.849	132.294	79.731	22.451	3.404
121	80.467	130.182	147.607	127.087	76.338	21.661	3.543
122	77.021	124.953	141.386	122.051	73.115	20.914	3.692
123	73.734	119.917	135.912	117.067	69.957	20.200	3.831
124	70.490	115.040	130.555	112.383	66.926	19.527	3.980
125	67.470	110.238	125.305	107.699	64.088	18.919	4.130
126	64.557	105.693	120.247	103.345	61.335	18.321	4.279
127	61.687	101.243	115.296	98.949	58.656	17.756	4.439
128	58.913	96.868	110.473	94.745	56.170	17.265	4.588
129	56.320	92.738	105.927	90.775	53.759	16.764	4.738
130	53.812	88.726	101.446	86.891	51.464	16.305	4.898
131	51.379	84.767	96.985	83.060	49.266	15.889	5.047
132	49.074	81.001	92.781	79.379	47.132	15.462	5.197
133	46.833	77.319	88.662	75.890	45.115	15.067	5.357
134	44.678	73.734	84.682	72.507	43.184	14.725	5.506
135	42.565	70.287	80.787	69.210	41.381	14.416	5.666
136	40.538	66.894	77.042	66.105	39.695	14.107	5.815
137	38.532	63.629	73.403	63.085	38.009	13.840	5.976
138	36.675	60.481	69.882	60.150	36.430	13.552	6.146
139	34.872	57.483	66.553	57.387	34.925	13.264	6.317
140	33.079	54.516	63.266	54.698	33.570	13.050	6.488
141	31.372	51.635	60.086	52.115	32.236	12.858	6.658
142	29.686	48.871	57.035	49.693	31.020	12.698	6.829
143	28.021	46.150	54.111	47.399	29.899	12.591	7.000
144	26.485	43.600	51.294	45.115	28.843	12.485	7.160
145	24.980	41.125	48.530	43.013	27.786	12.378	7.309
146	23.507	38.638	45.905	40.975	26.826	12.325	7.448
147	22.099	36.344	43.365	38.948	25.887	12.250	7.533
148	20.733	34.125	40.911	37.080	24.991	12.175	7.608

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

149	19.389	31.969	38.585	35.266	24.137	12.154	7.662
150	18.108	29.963	36.291	33.516	23.347	12.100	7.694
151	17.009	28.021	34.167	31.820	22.526	12.047	7.758
152	15.942	26.175	32.108	30.230	21.779	12.026	7.811
153	14.992	24.436	30.134	28.661	21.042	11.983	7.832
154	13.616	22.814	28.266	27.157	20.317	11.951	7.854
155	12.229	21.245	26.463	25.716	19.613	11.919	7.896
156	10.841	19.719	24.767	24.329	18.898	11.844	7.918
157	10.212	18.332	23.155	22.995	18.193	11.759	7.896
158	9.625	17.094	21.640	21.693	17.446	11.684	7.875
159	9.166	15.953	20.125	20.445	16.689	11.578	7.832
160	8.729	14.864	18.695	19.218	15.963	11.450	7.790
161	8.120	13.776	17.425	17.969	15.270	11.279	7.726
162	7.790	12.687	16.294	16.849	14.576	11.023	7.651
163	7.128	11.588	15.238	15.814	13.915	10.660	7.576
164	6.680	10.137	14.320	14.875	13.253	10.222	7.480
165	6.413	8.558	13.392	14.021	12.581	9.753	7.384
166	6.296	8.355	12.474	13.168	12.047	9.294	7.277
167	6.424	7.854	11.780	12.314	11.535	8.899	7.320
168	6.690	7.213	11.023	11.674	10.873	8.547	7.309
169	6.797	6.915	10.020	10.927	10.052	8.248	7.395
170	6.851	6.626	8.942	10.020	9.273	8.174	7.480
171	6.979	6.434	7.960	9.166	8.675	8.334	7.512
172	7.011	6.658	6.851	8.526	8.248	8.537	7.587
173	7.128	7.011	5.666	8.195	8.291	8.633	7.640
174	7.267	7.224	6.146	8.163	8.611	8.440	7.726
175	7.395	7.373	6.296	8.227	8.601	8.078	7.822
176	7.533	7.427	6.370	7.480	8.334	7.768	7.886
177	7.672	7.448	6.552	7.160	7.800	7.747	7.939
178	7.790	7.469	6.680	6.424	7.523	7.715	8.003
179	7.928	7.587	6.808	5.751	7.171	7.715	8.024
180	8.067	8.067	8.067	8.067	8.067	8.067	8.067



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	499.32	N.A.	9.60
0-30	1064.82	N.A.	20.50
0-40	1756.09	N.A.	33.80
0-60	3195.13	N.A.	61.40
0-80	4270.68	N.A.	82.10
0-90	4602.92	N.A.	88.50
10-90	4474.03	N.A.	86.00
20-40	1256.78	N.A.	24.20
20-50	1993.12	N.A.	38.30
40-70	2044.39	N.A.	39.30
60-80	1075.56	N.A.	20.70
70-80	470.20	N.A.	9.00
80-90	332.23	N.A.	6.40
90-110	378.69	N.A.	7.30
90-120	475.93	N.A.	9.10
90-130	535.26	N.A.	10.30
90-150	587.45	N.A.	11.30
90-180	600.23	N.A.	11.50
110-180	221.54	N.A.	4.30
0-180	5203.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	128.89
10-20	370.43
20-30	565.51
30-40	691.27
40-50	736.34
50-60	702.69
60-70	605.36
70-80	470.20
80-90	332.23
90-100	227.07
100-110	151.62
110-120	97.24
120-130	59.33
130-140	34.08
140-150	18.11
150-160	8.63
160-170	3.36
170-180	0.80

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	91	91	91	88
1	104	98	93	88	100	95	90	86	88	84	81	82	79	76	77	74	72	69
2	93	84	77	70	90	81	74	68	76	70	65	71	66	62	66	62	59	56
3	85	73	64	57	81	71	63	56	66	59	54	62	56	51	58	53	49	46
4	77	65	55	48	74	62	54	47	58	51	45	55	48	43	51	46	42	39
5	71	57	48	41	68	56	47	40	52	45	39	49	42	37	46	40	36	33
6	65	52	42	36	63	50	41	35	47	39	34	44	38	32	41	36	31	29
7	60	47	38	31	58	45	37	31	43	35	30	40	34	29	38	32	28	25
8	56	42	34	28	54	41	33	27	39	32	26	37	30	26	35	29	25	23
9	52	39	30	25	50	38	30	24	36	29	24	34	27	23	32	26	22	20
10	49	36	28	22	47	35	27	22	33	26	21	31	25	21	30	24	20	18

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT40120-277V\_P.IES**

**UGR TABLE - CORRECTED**

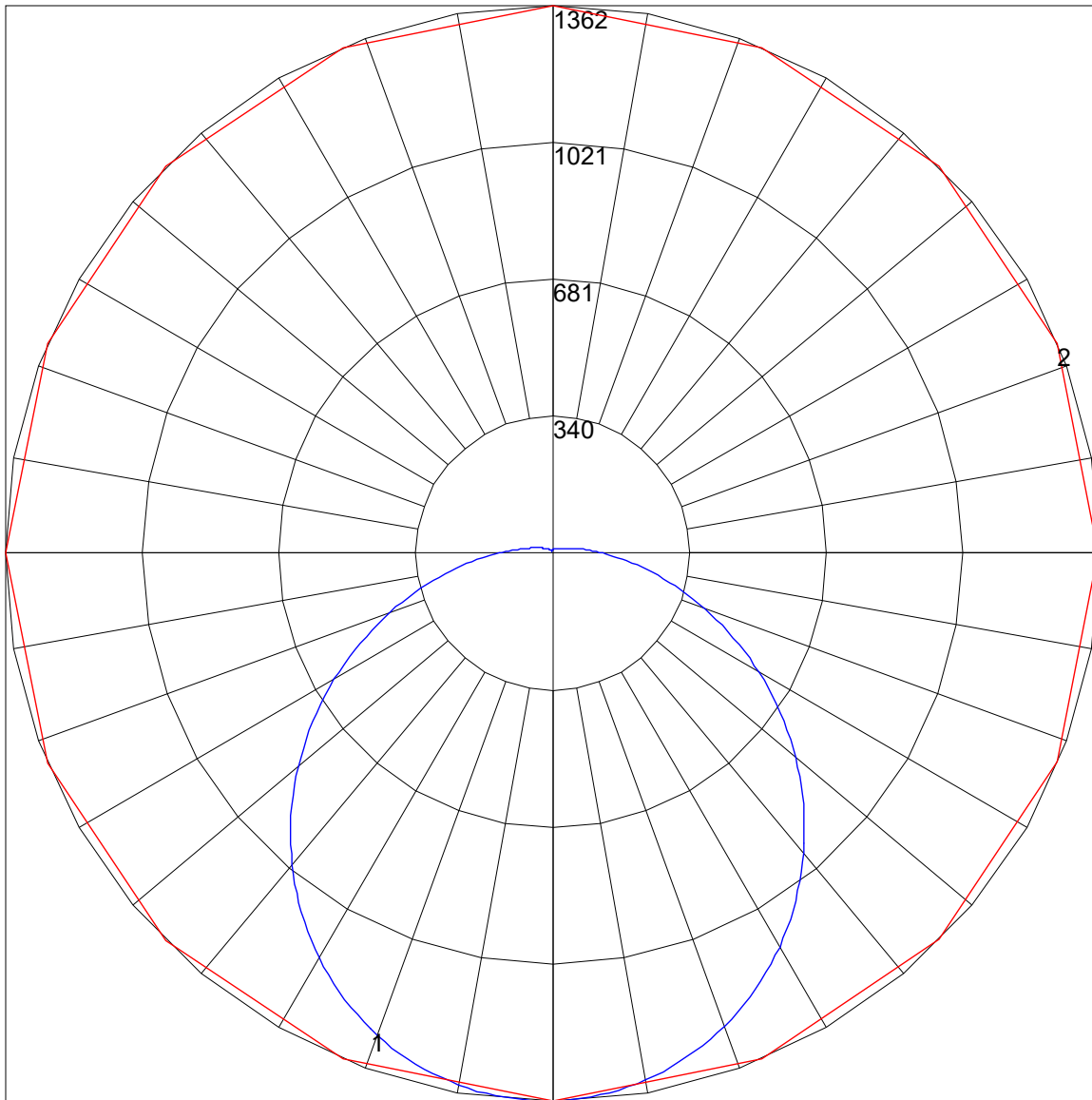
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	16.7	18.2	17.3	18.7	19.3	19.8	21.3	20.3	21.8	22.4
	3H	18.1	19.5	18.7	20.0	20.7	22.5	23.8	23.0	24.3	25.0
	4H	18.6	19.8	19.2	20.4	21.1	23.8	25.1	24.4	25.6	26.3
	6H	18.8	20.0	19.4	20.6	21.2	25.2	26.4	25.8	27.0	27.6
	8H	18.9	20.0	19.5	20.6	21.3	25.9	27.1	26.5	27.7	28.3
	12H	18.9	20.0	19.5	20.6	21.2	26.7	27.8	27.3	28.4	29.1
4H	2H	17.8	19.1	18.4	19.6	20.3	20.2	21.4	20.8	22.0	22.7
	3H	19.4	20.5	20.0	21.1	21.8	23.1	24.1	23.6	24.7	25.4
	4H	20.0	21.0	20.6	21.6	22.3	24.6	25.5	25.2	26.2	26.9
	6H	20.4	21.3	21.0	21.9	22.6	26.1	27.0	26.8	27.7	28.4
	8H	20.5	21.3	21.1	21.9	22.7	27.0	27.8	27.6	28.4	29.2
	12H	20.5	21.3	21.2	21.9	22.7	27.9	28.6	28.6	29.3	30.0
8H	4H	20.9	21.7	21.5	22.4	23.1	24.7	25.6	25.4	26.2	26.9
	6H	21.5	22.2	22.1	22.9	23.6	26.5	27.2	27.1	27.9	28.6
	8H	21.7	22.3	22.3	23.0	23.7	27.5	28.1	28.1	28.8	29.5
	12H	21.8	22.4	22.5	23.0	23.8	28.5	29.1	29.2	29.8	30.6
12H	4H	21.2	21.9	21.8	22.6	23.3	24.7	25.5	25.4	26.2	26.9
	6H	21.9	22.5	22.6	23.2	24.0	26.5	27.2	27.2	27.8	28.6
	8H	22.2	22.7	22.8	23.4	24.2	27.5	28.1	28.2	28.8	29.6

Maximum UGR = 30.6

POLAR GRAPH



Maximum Candela = 1361.85 Located At Horizontal Angle = 202.5, Vertical Angle = 2  
# 1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)