

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT50120-277V.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] DG3220530-23703E-EE  
[TESTLAB] Bay Area Compliance Labs Corp.  
[TESTDATE] 2022-06-08  
[ISSUE DATE] 2022-06-08 14:52:16  
[LAMPPOSITION] 0,0  
[OTHER]  
[MANUFAC] BEGHELLI  
[LUMCAT] SLSEL4HT35WWT50120-277V  
[LAMP] LED

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4908
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	35.2
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.36
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	10743	8543	8413
55	9913	7731	7744
65	8710	6970	7151
75	6688	6309	6673
85	2916	5869	6379

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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	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56
1	1279.73	1280.15	1279.90	1281.50	1280.89	1281.49	1281.89	1281.66	1280.88	1281.27
2	1278.75	1278.89	1279.85	1281.03	1280.91	1281.85	1282.18	1282.13	1280.64	1280.01
3	1276.90	1277.23	1278.69	1280.20	1280.81	1282.24	1282.31	1282.37	1280.31	1279.20
4	1274.07	1275.40	1277.11	1279.28	1280.45	1281.49	1281.97	1281.81	1279.71	1278.13
5	1271.60	1273.41	1274.69	1277.46	1279.90	1280.65	1281.10	1280.59	1278.16	1276.12
6	1268.68	1269.82	1273.39	1276.38	1278.64	1279.90	1279.91	1278.93	1275.79	1274.07
7	1264.48	1267.19	1270.29	1274.84	1277.24	1278.78	1278.46	1277.44	1273.16	1271.43
8	1259.90	1262.62	1267.11	1272.27	1274.98	1277.16	1276.44	1274.67	1270.18	1268.56
9	1255.24	1258.39	1263.54	1269.69	1273.02	1275.25	1273.70	1271.91	1266.47	1264.59
10	1250.00	1254.11	1259.98	1266.91	1270.96	1272.04	1271.01	1268.65	1262.29	1260.08
11	1244.01	1248.64	1255.98	1263.23	1267.93	1269.51	1267.52	1265.31	1258.19	1255.85
12	1238.09	1242.07	1251.42	1259.37	1265.14	1266.65	1263.71	1261.22	1252.87	1250.12
13	1231.63	1235.93	1246.27	1256.06	1261.07	1262.62	1259.55	1255.90	1247.00	1245.14
14	1224.64	1230.03	1240.77	1251.81	1256.93	1259.07	1254.98	1250.82	1241.02	1239.11
15	1217.72	1223.29	1235.39	1246.59	1252.89	1254.46	1250.36	1245.25	1235.09	1232.85
16	1209.76	1216.19	1229.16	1241.62	1248.81	1249.39	1245.16	1238.63	1228.91	1225.86
17	1201.21	1208.54	1223.07	1236.05	1244.13	1244.54	1239.44	1232.23	1220.88	1219.06
18	1191.92	1200.64	1216.48	1230.42	1238.25	1239.38	1233.70	1225.35	1212.84	1211.07
19	1182.51	1192.08	1209.19	1224.29	1233.60	1234.13	1227.58	1217.80	1204.83	1202.45
20	1172.61	1183.12	1201.16	1217.60	1227.58	1228.44	1220.64	1210.18	1195.89	1194.36
21	1162.57	1173.62	1192.81	1210.72	1221.17	1221.65	1213.39	1201.89	1186.54	1184.92
22	1152.34	1164.25	1184.55	1203.84	1214.71	1215.22	1205.87	1193.11	1176.66	1175.73
23	1141.44	1153.99	1175.81	1196.78	1208.45	1208.52	1198.00	1183.78	1166.64	1165.19
24	1129.93	1143.44	1167.16	1188.77	1201.07	1200.56	1189.37	1174.29	1155.85	1155.52
25	1118.08	1132.17	1157.80	1180.92	1193.06	1193.09	1180.86	1163.62	1144.50	1144.50
26	1105.92	1120.81	1148.09	1173.12	1186.03	1185.25	1172.16	1153.27	1132.49	1132.65
27	1093.38	1109.84	1138.05	1163.53	1177.80	1176.80	1162.22	1142.70	1121.07	1120.77
28	1080.65	1097.55	1127.28	1154.94	1170.04	1168.60	1152.79	1131.15	1108.63	1109.15
29	1066.97	1085.20	1117.02	1146.19	1161.22	1159.50	1142.76	1120.27	1095.48	1096.95
30	1053.56	1072.57	1106.33	1136.83	1152.85	1150.34	1132.04	1107.83	1082.31	1083.66
31	1039.43	1059.82	1094.83	1127.09	1143.41	1140.59	1121.48	1095.98	1068.66	1070.59
32	1025.22	1046.66	1083.51	1117.46	1134.19	1131.49	1110.22	1082.40	1054.25	1057.20
33	1010.75	1032.86	1071.98	1106.88	1125.22	1121.57	1098.41	1069.20	1040.00	1042.98
34	995.19	1018.67	1059.74	1096.62	1114.96	1111.22	1086.29	1055.68	1024.90	1028.64
35	979.73	1004.44	1047.39	1086.16	1104.56	1100.81	1074.83	1041.78	1009.64	1014.15
36	964.09	989.72	1034.82	1074.96	1094.54	1089.85	1062.52	1027.42	993.70	998.92
37	947.89	975.18	1022.79	1063.94	1084.40	1078.79	1049.73	1012.86	977.86	983.56
38	931.77	960.09	1009.23	1052.84	1073.41	1067.24	1037.51	998.01	961.46	968.25
39	914.89	944.98	996.08	1040.89	1062.38	1055.56	1024.36	982.80	944.70	952.29
40	898.24	929.40	982.52	1029.30	1051.04	1043.87	1010.69	967.24	927.53	935.48
41	881.32	913.47	969.18	1017.45	1039.46	1032.19	997.03	951.42	910.24	918.98
42	863.31	897.66	955.28	1005.14	1027.75	1020.36	983.50	935.57	892.73	902.21
43	845.81	881.64	941.77	992.72	1016.62	1008.15	969.81	919.27	875.12	884.93
44	827.53	864.71	927.14	980.38	1004.43	995.49	955.17	902.44	856.51	867.65
45	810.06	848.23	912.99	967.90	992.66	983.31	940.80	885.47	837.77	849.87
46	791.53	831.16	898.80	955.26	979.92	970.39	926.60	868.55	819.00	832.51
47	772.43	814.30	884.04	941.85	967.67	957.29	911.63	851.22	800.03	814.20
48	753.61	797.22	869.02	928.81	955.15	943.89	896.62	833.43	780.42	796.03
49	734.90	779.76	854.06	915.55	942.47	930.78	881.55	815.61	760.52	777.83
50	715.81	762.56	838.93	901.88	929.74	917.18	866.19	798.02	741.20	759.19
51	696.64	744.66	824.37	889.11	916.65	903.59	851.01	779.78	720.82	740.54
52	676.62	727.04	809.20	875.28	903.85	890.14	835.05	761.31	700.84	721.47
53	657.13	709.30	793.78	861.67	890.28	876.47	819.99	743.23	680.11	702.69

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**CANDELA TABULATION - (Cont.)**

54	637.27	691.61	778.56	847.84	877.38	862.43	804.71	725.17	659.53	683.79
55	617.48	673.41	763.33	834.59	864.44	848.65	789.17	706.45	638.77	664.29
56	597.10	655.65	748.09	820.55	851.01	834.87	773.08	687.37	617.67	645.09
57	577.07	637.35	732.68	806.91	837.42	820.72	757.47	668.69	596.46	625.82
58	556.86	619.50	717.32	793.17	824.30	807.41	741.89	649.83	575.32	606.67
59	535.75	601.03	701.82	779.50	810.77	792.98	725.94	630.74	553.89	587.36
60	515.57	583.07	686.63	765.26	797.09	778.84	709.51	611.45	532.22	568.10
61	495.04	564.87	671.33	751.39	783.39	764.76	694.36	592.50	510.65	548.60
62	474.24	546.82	656.00	737.47	769.62	750.38	678.53	573.63	488.93	529.42
63	453.11	528.65	640.91	723.28	755.69	736.32	662.85	554.67	467.01	510.20
64	432.90	511.02	625.66	709.68	742.20	722.38	647.31	536.01	444.91	491.18
65	411.85	493.10	610.69	695.79	728.51	707.98	631.53	516.94	422.99	472.38
66	390.92	475.15	595.83	681.92	714.52	693.64	615.58	498.15	400.98	453.47
67	370.20	457.28	580.82	667.89	701.04	679.43	600.07	479.19	378.99	434.64
68	349.48	440.01	566.05	654.07	687.25	665.44	584.74	460.82	356.92	416.36
69	328.50	422.68	551.18	640.54	673.90	651.74	569.63	442.72	335.23	398.48
70	307.63	405.25	536.38	626.54	660.49	637.54	554.62	424.44	312.98	380.31
71	287.08	388.17	521.85	613.41	647.02	623.58	539.30	406.33	291.43	362.75
72	266.80	371.13	507.81	599.68	633.84	610.09	524.48	388.27	269.93	345.51
73	246.06	354.75	493.62	586.56	620.48	596.57	509.76	370.80	248.36	328.31
74	226.36	338.32	479.67	573.56	607.44	583.08	495.15	353.54	227.29	311.76
75	206.29	322.23	465.74	560.16	594.11	569.46	480.82	336.27	206.26	295.47
76	186.86	306.83	452.38	547.13	581.31	556.38	466.73	319.85	185.79	279.65
77	167.80	291.21	438.92	534.21	568.25	542.83	452.66	303.46	165.85	264.02
78	148.97	276.27	425.66	521.52	555.70	529.82	438.82	287.73	146.11	249.35
79	130.78	261.61	412.65	508.57	542.68	516.76	425.13	271.86	126.40	235.04
80	113.03	247.59	399.69	495.95	529.94	503.94	411.80	256.83	108.03	221.06
81	96.19	233.63	387.32	483.67	517.38	491.23	398.73	242.45	90.75	207.71
82	80.12	220.23	374.83	471.32	504.74	478.43	385.69	228.09	74.47	194.74
83	65.14	207.59	362.67	459.53	492.58	466.23	372.96	214.60	59.09	182.57
84	52.17	195.23	350.81	447.42	480.54	454.03	360.67	201.46	45.20	170.78
85	39.27	183.36	339.18	435.72	468.66	441.87	348.56	189.01	32.57	159.87
86	26.36	172.18	327.82	424.02	457.01	430.26	336.59	177.05	23.25	149.60
87	16.30	161.39	316.41	412.59	445.22	418.48	324.90	165.65	13.93	139.33
88	7.92	151.14	305.43	401.01	433.82	406.82	313.50	154.97	4.76	129.11
89	5.39	141.47	294.72	389.79	422.48	395.42	302.55	144.69	0.65	120.39
90	2.89	132.31	284.55	378.91	411.23	384.20	291.64	135.00	0.19	112.15
91	0.40	123.75	274.21	368.02	400.21	373.32	281.00	126.01	0.19	104.60
92	0.34	115.44	264.35	357.36	389.40	362.44	270.90	117.44	0.21	97.53
93	0.36	107.88	254.76	346.96	378.57	351.97	260.69	109.61	0.23	90.93
94	0.38	100.82	245.32	336.86	367.99	341.32	250.97	102.02	0.26	84.75
95	0.41	94.19	236.22	326.53	357.64	331.01	241.42	95.25	0.28	79.22
96	0.45	88.04	227.30	316.87	347.55	320.94	232.27	88.88	0.30	74.04
97	0.50	82.32	218.70	307.21	337.52	311.25	223.33	82.88	0.34	69.16
98	0.57	77.02	210.24	297.78	327.65	301.41	214.43	77.41	0.40	64.86
99	0.64	72.08	202.10	288.46	317.93	291.95	206.15	72.42	0.47	60.83
100	0.71	67.48	194.17	279.30	308.51	282.63	198.00	67.82	0.54	57.13
101	0.79	63.49	186.47	270.43	299.45	273.59	190.04	63.75	0.65	53.69
102	0.87	59.50	179.19	261.74	290.23	264.83	182.34	59.70	0.76	50.64
103	0.97	55.51	172.00	253.40	281.36	256.08	175.13	55.64	0.88	47.78
104	1.09	52.28	165.08	244.93	272.50	247.73	168.06	52.37	1.01	45.09
105	1.22	49.30	158.38	236.67	263.95	239.23	161.16	49.32	1.14	42.73
106	1.35	46.60	151.89	228.77	255.51	231.13	154.44	46.58	1.27	40.52
107	1.49	44.08	145.72	220.93	247.24	223.30	148.04	44.07	1.40	38.46
108	1.62	41.76	139.65	213.31	239.15	215.41	141.90	41.75	1.53	36.60
109	1.75	39.67	133.87	205.90	231.28	208.01	136.06	39.64	1.67	34.89

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**CANDELA TABULATION - (Cont.)**

110	1.89	37.67	128.36	198.65	223.60	200.52	130.38	37.68	1.80	33.27
111	2.02	35.87	122.96	191.58	215.95	193.37	124.86	35.90	1.94	31.76
112	2.15	34.23	117.88	184.69	208.59	186.34	119.67	34.24	2.08	30.42
113	2.29	32.70	112.89	177.91	201.39	179.53	114.51	32.70	2.22	29.13
114	2.43	31.28	108.14	171.44	194.33	172.93	109.65	31.30	2.34	27.90
115	2.57	29.98	103.56	165.19	187.54	166.61	105.09	30.04	2.47	26.82
116	2.70	28.79	99.21	159.01	180.84	160.39	100.64	28.85	2.60	25.78
117	2.84	27.66	95.04	152.99	174.34	154.30	96.27	27.73	2.73	24.80
118	2.97	26.61	91.00	147.15	167.93	148.49	92.30	26.72	2.87	23.90
119	3.11	25.65	87.18	141.54	161.84	142.77	88.48	25.78	3.01	23.04
120	3.24	24.75	83.53	136.04	155.83	137.27	84.68	24.87	3.14	22.21
121	3.39	23.91	79.99	130.73	149.89	131.88	81.03	24.03	3.28	21.45
122	3.52	23.12	76.63	125.63	144.23	126.69	77.72	23.28	3.41	20.75
123	3.66	22.39	73.40	120.67	138.65	121.69	74.48	22.56	3.54	20.08
124	3.79	21.67	70.29	115.81	133.15	116.70	71.25	21.85	3.67	19.42
125	3.93	21.02	67.29	111.07	127.96	111.97	68.20	21.20	3.81	18.82
126	4.07	20.41	64.10	106.55	122.84	107.39	65.37	20.61	3.94	18.24
127	4.21	19.83	61.44	102.11	117.87	102.94	62.61	20.04	4.06	17.66
128	4.35	19.30	58.79	97.90	113.06	98.63	59.84	19.50	4.19	17.10
129	4.50	18.78	56.29	93.72	108.33	94.46	57.08	19.00	4.31	16.59
130	4.64	18.30	53.97	89.80	103.85	90.46	54.70	18.53	4.43	16.06
131	4.78	17.84	51.66	85.95	99.46	86.67	52.42	18.07	4.56	15.54
132	4.93	17.40	49.53	82.26	95.23	82.89	50.20	17.65	4.68	15.03
133	5.07	16.99	47.48	78.66	91.09	79.28	48.14	17.24	4.79	14.55
134	5.21	16.60	45.52	75.23	87.16	75.82	46.16	16.86	4.91	14.10
135	5.36	16.22	43.66	71.93	83.36	72.50	44.28	16.49	5.02	13.65
136	5.51	15.87	41.86	68.75	79.63	69.23	42.45	16.15	5.14	13.21
137	5.66	15.55	40.14	65.64	76.07	66.15	40.68	15.82	5.24	12.76
138	5.81	15.25	38.54	62.69	72.60	63.17	39.05	15.53	5.35	12.30
139	5.97	14.96	36.98	59.75	69.33	60.20	37.48	15.25	5.45	11.84
140	6.14	14.69	35.47	56.81	66.11	57.23	35.98	14.98	5.54	10.91
141	6.30	14.43	34.09	54.25	63.03	54.59	34.52	14.72	5.62	10.26
142	6.46	14.20	32.73	51.79	59.94	52.11	33.17	14.48	5.72	10.29
143	6.62	13.96	31.42	49.38	56.85	49.68	31.84	14.25	5.82	9.95
144	6.77	13.74	30.18	47.11	54.13	47.41	30.59	14.03	5.92	9.59
145	6.92	13.53	28.97	44.86	51.52	45.15	29.37	13.81	6.01	9.25
146	7.04	13.33	27.83	42.76	48.98	43.03	28.23	13.57	6.09	8.98
147	7.13	13.14	26.73	40.74	46.54	40.99	27.10	13.22	6.14	8.74
148	7.21	12.94	25.68	38.79	44.25	39.05	26.04	12.84	6.16	8.47
149	7.25	12.75	24.67	36.91	42.00	37.12	25.01	12.54	6.17	8.20
150	7.29	12.57	23.71	35.10	39.91	35.33	24.03	12.43	6.18	7.93
151	7.34	12.41	22.79	33.42	37.87	33.63	23.10	12.04	6.20	7.46
152	7.39	12.25	21.91	31.75	35.92	31.94	22.20	11.79	6.22	6.93
153	7.41	12.10	21.06	30.19	34.04	30.40	21.34	11.80	6.23	6.45
154	7.43	11.96	20.25	28.72	32.27	28.87	20.52	11.56	6.25	6.09
155	7.48	11.84	19.49	27.28	30.56	27.47	19.72	11.29	6.26	5.88
156	7.50	11.71	18.74	25.89	28.93	26.09	18.98	11.24	6.27	5.93
157	7.49	11.55	18.04	24.59	27.39	24.77	18.25	10.95	6.27	6.09
158	7.47	11.35	17.35	23.34	25.89	23.52	17.50	10.42	6.27	6.07
159	7.43	11.10	16.69	22.15	24.46	22.31	16.53	9.98	6.25	6.03
160	7.39	10.80	16.05	21.01	23.10	21.17	15.53	9.56	6.23	6.03
161	7.33	10.49	15.46	19.94	21.82	20.06	14.74	9.13	6.19	6.07
162	7.27	10.18	14.87	18.89	20.59	19.02	13.90	8.71	6.15	6.05
163	7.19	9.88	14.33	17.91	19.42	18.03	13.06	8.40	6.11	6.03
164	7.11	9.60	13.80	16.99	18.32	17.08	11.99	8.17	6.07	6.01
165	7.01	9.34	13.30	16.10	17.28	16.19	11.33	8.01	6.01	5.97

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLSEL4HT35WWT50120-277V.IES**

**CANDELA TABULATION - (Cont.)**

166	6.92	9.12	12.87	15.28	16.30	15.19	10.84	7.93	5.98	5.96
167	6.95	8.95	12.40	14.50	15.40	14.18	10.43	7.91	5.99	5.96
168	6.95	8.72	11.86	13.81	14.55	13.22	9.90	7.89	6.10	6.00
169	7.07	8.50	11.21	13.15	13.78	12.32	9.38	7.98	6.21	6.11
170	7.17	8.35	10.53	12.53	13.07	11.26	8.75	7.99	6.31	6.25
171	7.21	8.13	9.90	11.78	12.37	10.40	8.31	7.96	6.42	6.38
172	7.28	8.03	9.45	10.89	11.47	9.27	7.97	7.96	6.53	6.51
173	7.30	7.96	9.22	10.04	10.51	8.14	7.99	7.95	6.67	6.65
174	7.37	7.85	8.98	9.44	9.64	7.44	8.01	7.94	6.82	6.80
175	7.45	7.73	8.70	9.23	9.27	7.20	8.03	7.92	6.95	6.93
176	7.52	7.66	8.39	9.14	8.95	7.05	7.95	7.88	7.09	7.07
177	7.57	7.63	8.06	8.49	8.49	7.07	7.68	7.74	7.25	7.23
178	7.62	7.64	7.80	7.90	6.88	7.09	7.52	7.73	7.42	7.40
179	7.65	7.64	7.53	7.30	5.24	7.11	7.41	7.71	7.58	7.56
180	7.68	7.68	7.68	7.68	7.68	7.68	7.68	7.68	7.68	7.68

**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	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56	1280.56
1	1280.12	1280.14	1279.96	1279.51	1279.18	1279.61	1279.73
2	1279.35	1279.33	1278.41	1277.23	1277.59	1278.07	1278.75
3	1278.58	1278.08	1276.64	1275.55	1275.87	1275.70	1276.90
4	1277.23	1276.93	1275.21	1273.97	1273.35	1272.53	1274.07
5	1275.23	1275.24	1272.95	1271.51	1269.92	1269.70	1271.60
6	1272.79	1272.18	1270.52	1269.14	1267.11	1266.07	1268.68
7	1269.96	1269.99	1267.25	1265.15	1263.49	1261.85	1264.48
8	1267.38	1267.06	1264.55	1261.94	1259.36	1257.22	1259.90
9	1263.92	1263.37	1261.24	1257.82	1254.18	1252.01	1255.24
10	1259.79	1259.33	1256.52	1253.15	1249.47	1246.75	1250.00
11	1255.51	1255.55	1252.55	1248.63	1244.33	1240.46	1244.01
12	1250.86	1251.06	1248.49	1243.53	1238.28	1234.11	1238.09
13	1245.26	1245.77	1243.49	1237.40	1232.29	1227.47	1231.63
14	1240.00	1240.22	1238.50	1232.40	1225.76	1220.14	1224.64
15	1234.04	1235.08	1232.86	1226.24	1218.95	1213.08	1217.72
16	1227.38	1229.26	1226.82	1219.85	1211.33	1204.40	1209.76
17	1221.12	1222.66	1220.13	1213.66	1204.01	1196.05	1201.21
18	1213.81	1216.85	1213.97	1206.29	1195.70	1187.10	1191.92
19	1206.43	1209.08	1207.36	1199.31	1186.71	1177.76	1182.51
20	1198.40	1201.93	1199.96	1191.32	1178.16	1168.17	1172.61
21	1190.11	1194.38	1192.08	1183.19	1168.91	1157.96	1162.57
22	1181.56	1186.46	1184.42	1174.62	1159.48	1147.32	1152.34
23	1171.96	1178.27	1176.52	1166.43	1149.30	1136.24	1141.44
24	1162.58	1170.53	1167.99	1157.15	1139.39	1124.81	1129.93
25	1153.10	1161.24	1159.63	1147.64	1128.61	1113.23	1118.08
26	1142.70	1151.66	1150.43	1137.80	1117.89	1100.64	1105.92
27	1132.22	1142.52	1141.25	1128.24	1106.88	1088.44	1093.38
28	1121.36	1132.62	1132.09	1117.92	1095.49	1075.30	1080.65
29	1110.51	1123.13	1122.31	1107.88	1083.36	1062.31	1066.97
30	1098.80	1112.25	1112.69	1097.05	1071.52	1048.61	1053.56
31	1086.87	1101.70	1102.57	1086.52	1058.68	1034.90	1039.43
32	1074.81	1091.43	1092.12	1074.92	1046.47	1020.51	1025.22
33	1062.43	1080.23	1081.35	1063.74	1033.12	1005.80	1010.75
34	1049.45	1068.78	1070.70	1051.85	1019.97	991.25	995.19
35	1036.79	1057.26	1059.53	1040.57	1006.22	975.91	979.73
36	1023.48	1045.50	1048.12	1028.34	992.62	960.64	964.09

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

37	1010.11	1033.50	1036.71	1015.87	979.04	945.03	947.89
38	996.03	1021.30	1025.43	1003.74	964.49	929.31	931.77
39	982.10	1008.91	1013.49	991.20	950.47	912.66	914.89
40	967.88	996.73	1001.21	977.97	935.73	896.43	898.24
41	953.78	983.67	988.97	965.38	921.42	879.90	881.32
42	938.97	970.91	976.79	952.59	906.32	862.83	863.31
43	924.71	957.88	964.44	939.48	891.59	846.00	845.81
44	909.42	944.88	951.82	926.16	876.36	828.40	827.53
45	894.31	931.57	938.90	912.38	860.90	810.79	810.06
46	878.99	918.14	926.48	899.32	845.78	793.35	791.53
47	863.15	904.71	913.34	885.40	830.08	775.49	772.43
48	847.52	891.24	900.39	871.58	814.77	757.22	753.61
49	831.98	876.94	886.95	858.04	798.65	739.07	734.90
50	816.05	863.33	873.66	844.25	783.26	720.98	715.81
51	800.32	849.08	860.28	830.30	767.85	702.52	696.64
52	784.43	835.43	847.13	816.27	751.63	684.19	676.62
53	768.41	820.91	833.64	802.11	736.00	665.64	657.13
54	752.39	806.80	819.86	788.44	719.94	646.64	637.27
55	736.51	793.25	806.75	774.02	703.99	628.25	617.48
56	720.28	778.86	792.87	760.47	688.63	609.76	597.10
57	704.01	764.55	779.67	746.03	672.50	590.72	577.07
58	688.08	750.64	765.76	732.20	656.80	571.72	556.86
59	671.96	736.78	752.23	718.23	641.39	552.96	535.75
60	655.99	722.23	738.99	704.19	625.55	534.35	515.57
61	640.21	708.46	725.44	690.15	610.09	515.69	495.04
62	624.09	694.19	711.64	676.24	594.55	497.28	474.24
63	608.63	680.12	698.21	662.21	579.02	478.89	453.11
64	592.70	666.10	684.61	648.48	563.67	460.48	432.90
65	577.36	652.40	671.66	634.83	548.82	442.44	411.85
66	561.90	638.59	657.51	621.09	533.93	424.08	390.92
67	546.57	624.59	644.47	607.51	518.98	406.50	370.20
68	531.45	610.87	631.34	593.88	504.34	389.04	349.48
69	516.69	597.29	618.43	580.78	490.01	371.62	328.50
70	501.51	583.60	604.86	567.26	475.74	354.35	307.63
71	487.08	570.00	591.92	554.26	461.71	337.28	287.08
72	472.71	556.78	578.89	541.22	447.83	320.95	266.80
73	458.43	543.37	565.86	528.52	434.17	304.60	246.06
74	444.33	530.44	553.44	515.62	420.76	288.78	226.36
75	430.92	517.53	540.46	503.13	407.64	273.37	206.29
76	417.12	504.60	528.13	490.44	394.55	258.32	186.86
77	403.81	492.00	515.82	478.26	381.73	243.74	167.80
78	390.80	479.45	503.58	465.93	369.30	229.44	148.97
79	378.00	467.17	491.51	453.96	357.10	215.83	130.78
80	365.45	454.83	479.35	441.85	345.18	202.90	113.03
81	352.97	443.13	467.68	430.32	333.29	190.07	96.19
82	341.10	431.10	455.91	418.71	321.82	178.04	80.12
83	329.30	419.21	444.43	407.47	310.54	166.51	65.14
84	317.56	407.98	433.19	396.36	299.58	155.66	52.17
85	306.43	396.69	421.74	385.28	288.85	144.97	39.27
86	295.46	385.46	410.74	374.38	278.41	134.29	26.36
87	284.81	374.59	399.88	363.81	268.17	125.18	16.30
88	274.50	363.94	389.19	353.35	258.51	116.68	7.92
89	264.28	353.21	378.48	342.99	248.91	108.47	5.39
90	254.34	342.94	367.94	332.90	239.59	101.06	2.89
91	244.82	332.56	357.85	323.09	230.59	93.91	0.40
92	235.65	322.68	347.77	313.40	221.82	87.55	0.34

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**CANDELA TABULATION - (Cont.)**

93	226.68	312.86	337.93	303.94	213.33	81.43	0.36
94	217.82	303.33	328.20	294.58	205.00	75.92	0.38
95	209.62	294.15	318.72	285.55	197.24	70.78	0.41
96	201.39	284.82	309.36	276.77	189.46	66.16	0.45
97	193.46	275.84	300.06	267.88	181.99	61.68	0.50
98	185.83	267.10	291.21	259.46	174.84	57.78	0.57
99	178.52	258.47	282.29	251.18	168.03	54.19	0.64
100	171.55	250.20	273.85	243.13	161.38	50.87	0.71
101	164.59	241.82	265.38	235.20	154.93	47.84	0.79
102	158.17	234.01	257.10	227.45	148.61	45.09	0.87
103	151.75	226.12	249.16	220.00	142.29	42.56	0.97
104	145.53	218.52	241.07	212.63	135.99	40.20	1.09
105	139.31	211.25	233.43	205.47	130.65	38.13	1.22
106	133.13	204.00	226.01	198.43	125.37	36.17	1.35
107	127.73	196.96	218.56	191.66	120.32	34.40	1.49
108	122.52	190.09	211.46	184.98	115.46	32.74	1.62
109	117.56	183.51	204.31	178.46	110.77	31.25	1.75
110	112.79	176.97	197.50	172.27	106.26	29.83	1.89
111	108.11	170.77	190.81	166.31	101.96	28.54	2.02
112	103.82	164.62	184.22	160.28	97.84	27.38	2.15
113	99.56	158.63	177.86	154.59	93.86	26.23	2.29
114	95.44	152.93	171.63	149.13	90.03	25.18	2.43
115	91.50	147.13	165.61	143.12	86.35	24.23	2.57
116	87.79	141.34	159.68	137.11	82.85	23.33	2.70
117	84.11	135.55	153.96	131.96	79.49	22.48	2.84
118	80.75	130.37	148.19	127.06	76.29	21.68	2.97
119	77.37	125.45	142.41	122.19	73.14	20.96	3.11
120	74.24	120.63	136.65	117.56	70.18	20.24	3.24
121	71.13	115.84	131.56	112.97	67.31	19.59	3.39
122	68.26	111.31	126.47	108.56	64.58	18.98	3.52
123	65.39	106.94	121.63	104.30	61.95	18.38	3.66
124	62.63	102.64	116.82	100.09	59.39	17.83	3.79
125	60.06	98.45	112.22	96.09	56.98	17.30	3.93
126	57.57	94.59	107.82	92.26	54.63	16.81	4.07
127	55.14	90.70	103.41	88.45	52.37	16.32	4.21
128	52.80	86.84	99.18	84.83	50.22	15.90	4.35
129	50.55	83.22	95.15	81.33	48.20	15.49	4.50
130	48.34	79.67	91.16	77.94	46.24	15.07	4.64
131	46.29	76.20	87.30	74.65	44.32	14.71	4.78
132	44.30	72.92	83.54	71.45	42.51	14.35	4.93
133	42.39	69.65	79.92	68.33	40.74	14.00	5.07
134	40.50	66.54	76.39	65.36	39.08	13.68	5.21
135	38.66	63.45	72.97	62.51	37.52	13.38	5.36
136	36.90	60.50	69.68	59.76	36.05	13.09	5.51
137	35.16	57.64	66.45	57.12	34.63	12.84	5.66
138	33.53	54.87	63.35	54.53	33.25	12.58	5.81
139	31.95	52.19	60.37	52.10	31.94	12.34	5.97
140	30.34	49.58	57.46	49.77	30.73	12.17	6.14
141	28.84	47.06	54.64	47.47	29.61	12.01	6.30
142	27.36	44.58	51.94	45.32	28.53	11.88	6.46
143	25.88	42.22	49.32	43.29	27.53	11.79	6.62
144	24.49	39.91	46.82	41.32	26.59	11.70	6.77
145	23.12	37.68	44.40	39.44	25.68	11.61	6.92
146	21.76	35.53	42.06	37.61	24.81	11.56	7.04
147	20.43	33.43	39.77	35.88	23.98	11.51	7.13
148	19.15	31.47	37.59	34.13	23.18	11.44	7.21

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

149	17.98	29.52	35.49	32.54	22.43	11.40	7.25
150	16.87	27.70	33.49	30.98	21.70	11.36	7.29
151	15.89	25.97	31.55	29.47	20.97	11.33	7.34
152	14.93	24.31	29.71	28.03	20.29	11.30	7.39
153	14.06	22.68	27.91	26.65	19.63	11.27	7.41
154	12.82	21.10	26.20	25.26	18.93	11.22	7.43
155	11.57	19.65	24.59	23.97	18.25	11.19	7.48
156	10.35	18.35	23.02	22.68	17.55	11.12	7.50
157	9.68	17.12	21.50	21.42	16.90	11.05	7.49
158	9.13	16.00	20.00	20.18	16.26	10.98	7.47
159	8.74	14.97	18.67	18.95	15.62	10.86	7.43
160	8.31	13.95	17.45	17.83	15.00	10.73	7.39
161	7.70	12.92	16.30	16.80	14.36	10.56	7.33
162	7.38	11.89	15.30	15.80	13.73	10.31	7.27
163	6.76	10.86	14.33	14.87	13.11	9.98	7.19
164	6.31	9.47	13.45	13.99	12.48	9.59	7.11
165	6.02	8.33	12.57	13.17	11.86	9.16	7.01
166	5.92	8.04	11.69	12.35	11.31	8.75	6.92
167	6.07	7.54	11.10	11.54	10.83	8.41	6.95
168	6.34	6.88	10.43	10.97	10.22	8.08	6.95
169	6.43	6.54	9.49	10.31	9.47	7.81	7.07
170	6.43	6.27	8.49	9.46	8.77	7.75	7.17
171	6.53	6.09	7.54	8.69	8.22	7.90	7.21
172	6.62	6.34	6.37	8.07	7.83	8.09	7.28
173	6.73	6.66	5.55	7.72	7.87	8.17	7.30
174	6.85	6.82	5.95	7.75	8.17	7.99	7.37
175	6.97	6.95	5.94	7.80	8.14	7.63	7.45
176	7.08	6.99	6.02	7.05	7.88	7.42	7.52
177	7.17	6.98	6.21	6.83	7.44	7.40	7.57
178	7.29	6.97	6.29	6.19	7.16	7.30	7.62
179	7.48	7.17	6.37	5.42	6.79	7.30	7.65
180	7.68	7.68	7.68	7.68	7.68	7.68	7.68



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	469.84	N.A.	9.60
0-30	1002.15	N.A.	20.40
0-40	1653.08	N.A.	33.70
0-60	3009.08	N.A.	61.30
0-80	4024.26	N.A.	82.00
0-90	4338.63	N.A.	88.40
10-90	4217.36	N.A.	85.90
20-40	1183.24	N.A.	24.10
20-50	1876.9	N.A.	38.20
40-70	1927.08	N.A.	39.30
60-80	1015.18	N.A.	20.70
70-80	444.11	N.A.	9.00
80-90	314.37	N.A.	6.40
90-110	359.22	N.A.	7.30
90-120	451.64	N.A.	9.20
90-130	508.07	N.A.	10.40
90-150	557.67	N.A.	11.40
90-180	569.79	N.A.	11.60
110-180	210.58	N.A.	4.30
0-180	4908.42	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	121.27
10-20	348.57
20-30	532.31
30-40	650.93
40-50	693.66
50-60	662.34
60-70	571.08
70-80	444.11
80-90	314.37
90-100	215.26
100-110	143.96
110-120	92.42
120-130	56.43
130-140	32.40
140-150	17.20
150-160	8.19
160-170	3.18
170-180	0.76

**IES INDOOR REPORT**  
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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	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	41	39
5	71	57	48	41	68	56	47	40	52	45	39	49	42	37	46	40	36	33
6	65	51	42	36	63	50	41	35	47	39	34	44	37	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	25	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 : SLSEL4HT35WWT50120-277V.IES**

**UGR TABLE - CORRECTED**

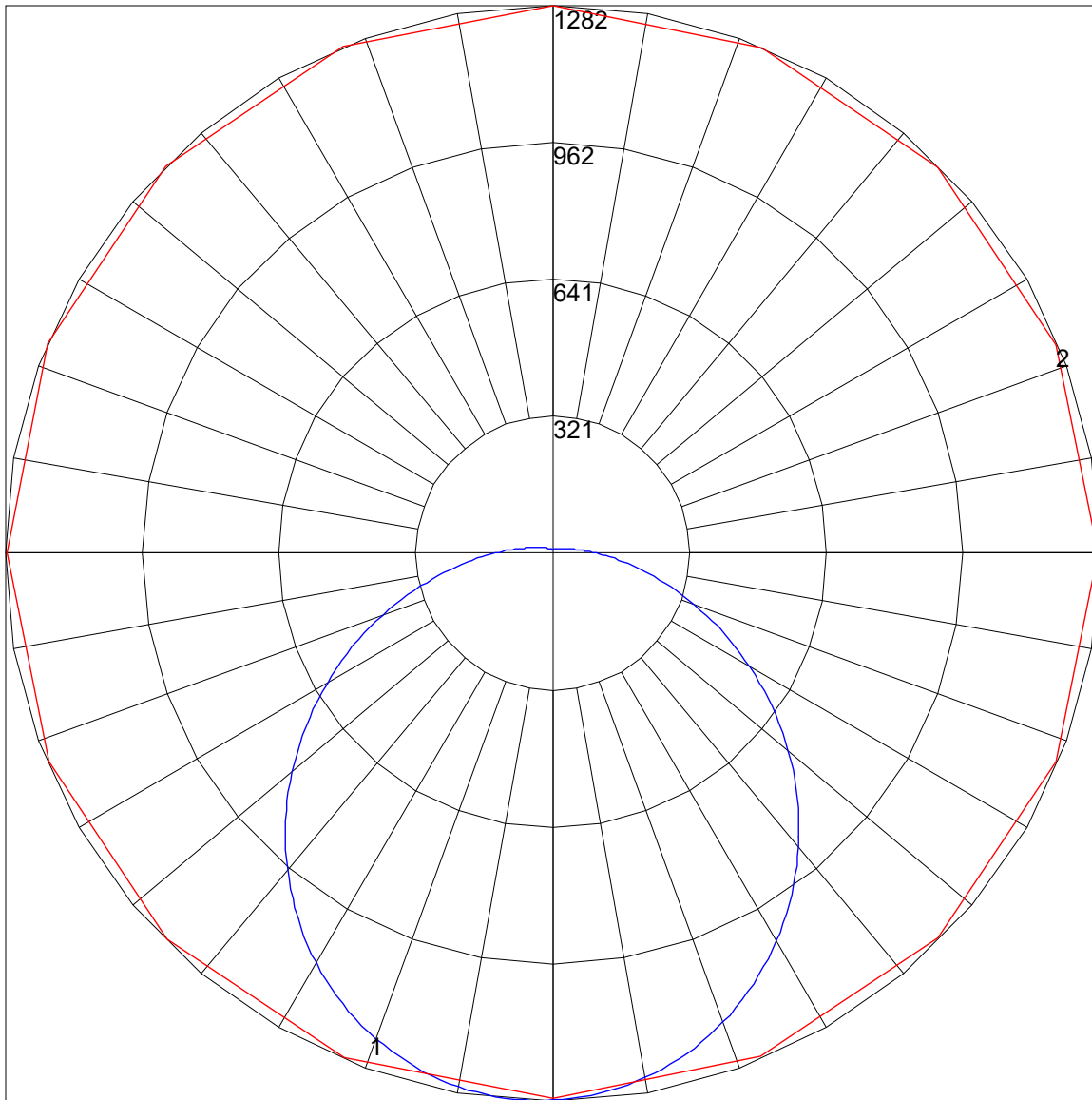
Reflectances

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	16.5	18.0	17.1	18.5	19.1	19.9	21.4	20.4	21.9	22.5
	3H	17.9	19.3	18.5	19.8	20.5	22.6	23.9	23.1	24.5	25.1
	4H	18.4	19.6	18.9	20.2	20.9	23.9	25.2	24.5	25.8	26.4
	6H	18.6	19.8	19.2	20.4	21.0	25.4	26.5	25.9	27.1	27.8
	8H	18.7	19.8	19.3	20.4	21.1	26.1	27.2	26.7	27.8	28.5
	12H	18.7	19.8	19.3	20.3	21.0	26.9	28.0	27.5	28.6	29.3
4H	2H	17.6	18.8	18.2	19.4	20.1	20.3	21.5	20.9	22.1	22.8
	3H	19.2	20.3	19.8	20.9	21.6	23.2	24.3	23.8	24.9	25.5
	4H	19.8	20.8	20.4	21.4	22.1	24.7	25.7	25.3	26.3	27.0
	6H	20.2	21.1	20.8	21.7	22.4	26.3	27.2	26.9	27.8	28.5
	8H	20.3	21.1	20.9	21.7	22.5	27.1	28.0	27.8	28.6	29.3
	12H	20.3	21.1	21.0	21.7	22.5	28.1	28.8	28.7	29.5	30.2
8H	4H	20.7	21.5	21.3	22.2	22.9	24.9	25.7	25.5	26.4	27.1
	6H	21.3	22.0	21.9	22.7	23.4	26.7	27.4	27.3	28.0	28.8
	8H	21.5	22.1	22.2	22.8	23.5	27.6	28.3	28.3	29.0	29.7
	12H	21.6	22.2	22.3	22.8	23.6	28.7	29.3	29.4	30.0	30.8
12H	4H	21.0	21.7	21.6	22.4	23.1	24.9	25.6	25.6	26.3	27.0
	6H	21.7	22.3	22.4	23.0	23.8	26.7	27.3	27.4	28.0	28.8
	8H	22.0	22.6	22.7	23.2	24.0	27.7	28.3	28.4	29.0	29.8

Maximum UGR = 30.8

POLAR GRAPH



Maximum Candela = 1282.37 Located At Horizontal Angle = 157.5, Vertical Angle = 3  
# 1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)