



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] BOLT-SM-LED35-HO-SAL

[TESTLAB] Intertek

[ISSUE DATE] 11/24/19

[MANUFAC] Prudential Lighting

[TOTAL LUMINAIRE LUMENS] 4571.6

[CONVERT] Luminaire test position and photometric web converted from original test data

[CONVERT] Luminaire test position and photometric web converted from original test data

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5943
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	49.5
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.17 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.13 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15809	12688	6637
55	17794	13805	6149
65	20872	15333	5608
75	25140	17646	5166
85	30393	21421	4202

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**CANDELA TABULATION**

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	471.64	471.51	471.38	471.12	470.99	470.86	470.73	468.65	468.00	467.22
<b>5.0</b>	519.61	519.22	518.83	518.44	518.18	515.45	514.15	512.59	510.90	509.08
<b>7.5</b>	570.96	570.31	569.66	569.01	566.15	564.20	561.99	559.52	556.79	553.80
<b>10.0</b>	624.78	623.87	622.96	622.05	617.89	615.16	612.04	608.53	604.63	600.34
<b>12.5</b>	681.07	679.77	678.47	674.70	671.58	667.94	663.78	659.23	654.03	648.57
<b>15.0</b>	738.01	736.32	734.63	729.95	725.92	721.37	716.17	710.45	704.08	697.19
<b>17.5</b>	793.52	791.44	789.23	783.77	778.96	773.50	767.39	760.50	753.09	745.03
<b>20.0</b>	846.82	844.22	841.62	835.25	829.79	823.55	816.53	808.73	800.28	791.05
<b>22.5</b>	898.56	895.44	892.32	885.04	878.80	871.65	863.72	855.01	845.52	835.25
<b>25.0</b>	947.96	944.32	938.60	932.49	925.34	917.41	908.70	899.08	888.68	877.37
<b>27.5</b>	993.46	989.30	983.06	976.30	968.50	959.92	950.43	940.03	928.85	916.89
<b>30.0</b>	1034.67	1029.99	1023.36	1016.08	1007.89	998.79	988.65	977.73	965.90	953.16
<b>32.5</b>	1071.98	1066.91	1059.76	1052.22	1043.64	1034.02	1023.62	1012.18	999.96	986.57
<b>35.0</b>	1105.52	1100.06	1092.52	1084.59	1075.75	1065.87	1055.08	1043.25	1030.77	1016.73
<b>37.5</b>	1135.42	1129.70	1122.03	1113.84	1104.74	1094.60	1083.42	1071.33	1058.33	1043.90
<b>40.0</b>	1162.72	1157.00	1149.07	1140.75	1131.39	1120.99	1109.55	1097.07	1083.42	1068.73
<b>42.5</b>	1188.33	1182.48	1174.55	1166.10	1156.61	1145.95	1134.25	1121.51	1107.08	1092.00
<b>45.0</b>	1212.77	1207.05	1198.99	1190.41	1180.79	1170.00	1157.91	1145.82	1130.09	1114.36
<b>47.5</b>	1236.56	1230.84	1223.04	1214.33	1204.58	1193.40	1180.92	1167.27	1152.19	1135.29
<b>50.0</b>	1260.48	1255.02	1247.09	1238.38	1228.37	1216.80	1203.80	1189.50	1173.90	1150.89
<b>52.5</b>	1285.18	1279.98	1271.92	1262.95	1252.55	1240.59	1227.07	1212.12	1191.71	1166.88
<b>55.0</b>	1310.40	1305.59	1297.40	1288.17	1277.38	1264.77	1250.60	1233.18	1209.26	1183.52
<b>57.5</b>	1336.79	1332.24	1323.92	1314.56	1303.12	1289.73	1274.65	1252.68	1228.76	1200.81
<b>60.0</b>	1365.00	1361.10	1352.65	1342.90	1330.68	1315.86	1297.14	1273.35	1247.22	1218.88
<b>62.5</b>	1395.16	1390.35	1382.94	1372.93	1359.93	1344.46	1321.19	1295.32	1267.63	1237.47
<b>65.0</b>	1426.36	1421.55	1413.75	1403.22	1389.70	1370.59	1346.15	1318.98	1289.08	1256.97
<b>67.5</b>	1457.04	1452.23	1444.17	1432.86	1418.43	1396.07	1370.72	1342.25	1310.92	1276.73
<b>70.0</b>	1485.64	1480.57	1472.25	1460.68	1443.65	1420.38	1393.99	1364.35	1331.59	1295.58
<b>72.5</b>	1510.99	1505.66	1497.08	1485.38	1466.92	1442.09	1415.18	1384.50	1350.18	1312.35
<b>75.0</b>	1532.44	1527.11	1518.40	1504.36	1484.34	1460.68	1433.12	1401.92	1366.56	1327.17
<b>77.5</b>	1549.47	1544.27	1535.69	1519.44	1499.03	1475.76	1448.07	1415.96	1379.69	1339.13
<b>80.0</b>	1562.21	1556.88	1546.61	1530.36	1509.69	1486.94	1459.64	1428.70	1390.22	1348.49
<b>82.5</b>	1569.75	1565.07	1552.33	1535.69	1518.92	1495.65	1467.31	1434.29	1396.33	1353.95
<b>85.0</b>	1571.96	1566.50	1552.59	1541.41	1523.86	1500.46	1471.34	1437.15	1398.41	1355.51
<b>87.5</b>	1569.23	1559.22	1556.88	1545.05	1526.20	1501.50	1471.21	1435.72	1395.94	1352.91
<b>90.0</b>	1565.85	1568.45	1559.35	1545.05	1523.99	1497.47	1466.27	1429.48	1388.79	1345.37
<b>92.5</b>	1569.23	1559.22	1556.88	1545.05	1526.20	1501.50	1471.21	1435.72	1395.94	1352.91
<b>95.0</b>	1571.96	1566.50	1552.59	1541.41	1523.86	1500.46	1471.34	1437.15	1398.41	1355.51
<b>97.5</b>	1569.75	1565.07	1552.33	1535.69	1518.92	1495.65	1467.31	1434.29	1396.33	1353.95
<b>100.0</b>	1562.21	1556.88	1546.61	1530.36	1509.69	1486.94	1459.64	1428.70	1390.22	1348.49
<b>102.5</b>	1549.47	1544.27	1535.69	1519.44	1499.03	1475.76	1448.07	1415.96	1379.69	1339.26
<b>105.0</b>	1532.44	1527.11	1518.40	1504.36	1484.34	1460.68	1433.12	1401.92	1366.56	1327.17
<b>107.5</b>	1510.99	1505.66	1497.08	1485.38	1466.92	1442.09	1415.18	1384.50	1350.18	1312.35
<b>110.0</b>	1485.64	1480.57	1472.25	1460.68	1443.65	1420.38	1393.99	1364.35	1331.59	1295.58
<b>112.5</b>	1457.04	1452.23	1444.17	1432.86	1418.43	1396.20	1370.72	1342.25	1310.92	1276.73
<b>115.0</b>	1426.36	1421.55	1413.75	1403.22	1389.70	1370.59	1346.15	1318.98	1289.08	1256.97
<b>117.5</b>	1395.16	1390.35	1382.94	1372.93	1359.93	1344.59	1321.19	1295.32	1267.63	1237.47
<b>120.0</b>	1365.00	1361.10	1352.65	1342.90	1330.68	1315.86	1297.14	1273.35	1247.22	1218.88
<b>122.5</b>	1336.79	1332.24	1323.92	1314.56	1303.12	1289.73	1274.65	1252.68	1228.76	1200.81
<b>125.0</b>	1310.40	1305.59	1297.40	1288.17	1277.38	1264.77	1250.60	1233.18	1209.26	1183.52
<b>127.5</b>	1285.18	1279.98	1271.92	1262.95	1252.55	1240.59	1227.07	1212.12	1191.71	1166.88
<b>130.0</b>	1260.48	1255.02	1247.09	1238.38	1228.37	1216.80	1203.80	1189.50	1173.90	1150.89
<b>132.5</b>	1236.56	1230.84	1223.04	1214.33	1204.58	1193.40	1180.92	1167.27	1152.19	1135.29

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**CANDELA TABULATION - (Cont.)**

135.0	1212.77	1207.05	1198.99	1190.54	1180.79	1170.00	1157.91	1145.82	1130.09	1114.36
137.5	1188.33	1182.48	1174.55	1166.10	1156.61	1145.95	1134.25	1121.51	1107.34	1092.00
140.0	1162.72	1157.00	1149.07	1140.75	1131.39	1120.99	1109.55	1097.07	1083.42	1068.73
142.5	1135.42	1129.70	1122.03	1113.84	1105.00	1094.60	1083.42	1071.33	1058.33	1043.90
145.0	1105.52	1100.06	1092.52	1084.59	1075.75	1065.87	1055.08	1043.25	1030.77	1016.73
147.5	1071.98	1066.91	1059.76	1052.22	1043.64	1034.02	1023.62	1012.18	999.96	986.57
150.0	1034.67	1029.99	1023.36	1016.08	1007.89	998.79	988.65	977.73	965.90	953.29
152.5	993.46	989.30	983.32	976.30	968.50	959.92	950.43	940.03	929.11	916.89
155.0	947.96	944.32	938.60	932.49	925.34	917.41	908.70	899.08	888.68	877.37
157.5	898.56	895.44	892.32	885.04	878.80	871.65	863.72	855.01	845.52	835.25
160.0	846.82	844.22	841.62	835.25	829.79	823.55	816.53	808.73	800.28	791.05
162.5	793.52	791.44	789.23	783.77	778.96	773.50	767.39	760.50	753.09	745.03
165.0	738.01	736.32	734.63	729.95	725.92	721.37	716.17	710.45	704.08	697.19
167.5	681.07	679.77	678.47	674.70	671.58	667.94	663.78	659.23	654.03	648.57
170.0	624.78	623.87	622.96	622.05	617.89	615.16	612.04	608.53	604.63	600.34
172.5	570.96	570.31	569.66	569.01	566.15	564.20	561.99	559.52	556.92	553.80
175.0	519.61	519.22	518.83	518.44	518.18	515.45	514.15	512.59	510.90	509.08
177.5	471.64	471.51	471.38	471.12	470.99	470.86	470.73	468.65	468.00	467.22
180.0	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Angles**      **Horizontal Angles**

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
2.5	466.44	465.53	464.49	463.45	462.41	461.24	460.07	458.77	457.47	456.17
5.0	507.13	504.92	502.58	500.11	497.51	494.78	491.92	489.06	485.94	482.69
7.5	550.55	547.04	543.27	539.37	535.21	530.79	526.24	521.43	516.49	511.29
10.0	595.79	590.85	585.65	580.06	574.21	568.10	561.60	555.10	548.47	541.45
12.5	642.46	635.96	629.20	621.92	614.25	606.32	598.26	589.81	581.10	572.13
15.0	689.78	681.85	673.40	664.43	655.20	645.45	635.44	624.91	614.12	602.81
17.5	736.45	727.22	717.34	706.81	695.89	684.32	672.36	659.88	647.14	634.14
20.0	781.30	770.77	759.59	747.63	735.15	722.15	708.63	694.46	679.77	664.69
22.5	824.07	812.50	799.89	786.76	772.85	758.42	743.08	727.48	711.23	694.98
25.0	865.41	852.28	838.50	824.07	808.86	793.00	776.23	759.07	741.39	722.93
27.5	903.50	889.72	874.90	859.43	843.18	825.76	807.82	791.18	769.73	749.84
30.0	939.12	924.04	908.70	893.49	874.77	856.57	837.85	817.57	796.77	772.85
32.5	971.75	956.28	939.90	922.35	904.02	885.04	864.76	840.19	814.06	786.89
35.0	1001.65	985.79	968.89	950.30	931.19	908.31	881.92	855.14	827.32	799.24
37.5	1028.56	1012.57	994.76	975.78	952.38	923.65	896.09	866.97	838.89	809.25
40.0	1053.13	1036.36	1017.12	991.90	964.99	937.30	908.57	878.80	848.51	817.70
42.5	1075.75	1056.51	1031.29	1005.03	977.34	950.30	918.84	888.42	856.57	824.46
45.0	1096.16	1070.81	1044.55	1016.99	988.52	958.62	927.94	895.96	863.46	829.79
47.5	1110.85	1084.85	1057.42	1028.56	998.66	967.72	935.61	902.59	868.53	833.82
50.0	1125.54	1098.50	1070.03	1040.26	1008.67	977.21	942.24	908.05	872.69	836.42
52.5	1140.49	1112.41	1082.64	1051.31	1018.55	984.36	949.78	912.73	875.68	839.54
55.0	1155.96	1126.45	1095.51	1062.49	1028.04	992.42	955.24	917.02	878.15	837.98
57.5	1171.82	1140.88	1108.25	1073.80	1037.66	999.96	961.09	920.27	878.67	836.68
60.0	1188.33	1155.83	1121.25	1085.11	1047.15	1006.85	965.25	922.61	878.80	834.73
62.5	1205.36	1170.91	1134.51	1096.03	1055.34	1013.09	969.28	924.43	878.54	832.13
65.0	1222.65	1186.25	1147.25	1106.30	1063.40	1018.81	972.79	925.60	877.63	828.88
67.5	1240.07	1200.55	1159.34	1116.05	1070.94	1024.14	975.52	926.12	875.81	824.98
70.0	1256.32	1214.59	1170.78	1126.71	1077.83	1028.56	977.60	925.60	873.08	820.04
72.5	1271.53	1227.59	1181.31	1133.34	1083.55	1031.94	978.77	923.78	871.26	813.80
75.0	1284.53	1238.90	1190.54	1139.97	1087.71	1034.02	978.38	922.22	866.84	811.46
77.5	1295.45	1248.26	1197.69	1144.78	1091.09	1036.36	979.94	922.22	865.02	808.47
80.0	1302.99	1254.50	1202.89	1148.81	1093.69	1037.40	979.29	920.01	861.25	803.53

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**CANDELA TABULATION - (Cont.)**

82.5	1307.80	1258.40	1205.36	1149.72	1093.30	1035.84	976.30	915.33	855.14	796.51
85.0	1308.58	1258.92	1204.45	1147.38	1089.66	1031.42	970.58	907.92	846.56	787.15
87.5	1305.07	1255.54	1201.85	1143.22	1084.59	1025.57	963.69	899.34	836.81	776.88
90.0	1297.14	1247.74	1190.80	1131.26	1072.24	1012.96	950.30	884.91	821.99	761.80
92.5	1305.07	1255.54	1201.85	1143.22	1084.59	1025.57	963.69	899.34	836.81	776.88
95.0	1308.58	1258.92	1204.58	1147.38	1089.66	1031.42	970.58	907.92	846.56	787.15
97.5	1307.80	1258.40	1205.36	1149.72	1093.30	1035.84	976.30	915.33	855.14	796.51
100.0	1302.99	1254.50	1202.76	1148.81	1093.69	1037.40	979.29	920.01	861.25	803.53
102.5	1295.45	1248.26	1197.69	1145.04	1091.09	1036.36	979.94	922.22	865.54	808.47
105.0	1284.53	1238.90	1190.54	1139.97	1087.84	1034.02	978.38	922.22	866.84	811.59
107.5	1271.53	1227.59	1181.31	1133.34	1083.55	1031.94	978.77	923.91	871.26	813.80
110.0	1256.32	1214.59	1170.78	1126.71	1077.83	1028.56	977.60	925.60	873.08	820.04
112.5	1240.07	1200.55	1159.34	1116.05	1070.94	1024.14	975.52	926.12	875.81	824.98
115.0	1222.65	1186.25	1147.25	1106.30	1063.40	1019.07	972.79	925.60	877.63	828.88
117.5	1205.36	1170.91	1134.51	1096.03	1055.34	1013.09	969.28	924.43	878.54	832.13
120.0	1188.33	1155.83	1121.25	1085.11	1047.15	1006.85	965.25	922.61	878.80	834.73
122.5	1171.82	1140.88	1108.25	1073.80	1037.66	999.96	961.09	920.27	878.67	836.68
125.0	1155.96	1126.45	1095.51	1062.49	1028.04	992.42	955.50	917.02	878.15	837.98
127.5	1140.49	1112.41	1082.64	1051.31	1018.55	984.36	950.04	912.73	875.68	839.54
130.0	1125.54	1098.50	1070.03	1040.26	1008.67	977.21	942.50	908.05	872.69	836.42
132.5	1110.85	1084.85	1057.42	1028.56	998.66	967.72	936.00	902.59	868.53	833.82
135.0	1096.16	1070.81	1044.55	1016.99	988.52	958.62	927.94	895.96	863.46	829.79
137.5	1075.75	1056.51	1031.29	1005.03	977.34	950.30	918.84	888.42	856.57	824.46
140.0	1053.13	1036.36	1017.12	991.90	964.99	937.30	908.57	878.80	848.51	817.70
142.5	1028.56	1012.57	994.76	976.17	952.38	924.04	896.09	867.62	838.89	809.25
145.0	1001.65	985.79	968.89	950.30	931.19	908.31	881.92	855.14	827.32	799.24
147.5	972.01	956.28	939.90	922.35	904.15	885.04	864.76	840.19	814.06	786.89
150.0	939.12	924.17	908.70	893.49	874.77	856.57	837.85	817.57	796.77	772.85
152.5	903.76	889.72	874.90	859.43	843.18	826.02	807.82	791.18	769.73	749.84
155.0	865.41	852.28	838.50	824.07	808.86	793.00	776.23	759.07	741.39	722.93
157.5	824.20	812.50	799.89	786.89	772.85	758.42	743.21	727.48	711.23	694.98
160.0	781.30	770.77	759.59	747.63	735.15	722.15	708.63	694.46	679.77	664.82
162.5	736.71	727.22	717.34	706.81	695.89	684.32	672.36	659.88	647.27	634.14
165.0	689.78	681.85	673.40	664.43	655.20	645.45	635.44	624.91	614.12	602.81
167.5	642.46	635.96	629.20	621.92	614.25	606.32	598.26	589.81	581.10	572.13
170.0	595.79	590.85	585.65	580.06	574.21	568.10	561.60	555.10	548.47	541.58
172.5	550.55	547.04	543.27	539.37	535.21	530.79	526.24	521.56	516.49	511.29
175.0	507.13	504.92	502.58	500.11	497.51	494.78	491.92	489.06	485.94	482.69
177.5	466.44	465.53	464.49	463.45	462.41	461.24	460.07	458.77	457.47	456.17
180.0	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert.  
Angles**

**Horizontal Angles**

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
2.5	454.74	453.31	451.88	450.32	448.76	447.20	445.51	443.95	442.26	440.57
5.0	479.44	475.93	472.42	468.91	465.27	462.02	458.90	455.65	452.40	449.15
7.5	506.22	501.15	495.95	490.62	485.03	479.57	473.85	468.13	462.28	457.21
10.0	534.56	527.28	519.74	512.07	504.66	496.99	489.58	482.04	474.37	466.57
12.5	562.90	553.28	544.05	534.56	524.81	515.06	505.05	495.30	485.81	476.32
15.0	591.63	580.32	568.62	556.79	546.00	533.00	521.17	509.08	496.99	485.55
17.5	620.75	606.97	594.36	579.15	565.11	550.81	536.64	522.73	508.82	494.65
20.0	649.22	633.62	617.63	601.38	585.00	568.88	552.50	535.86	520.00	504.01
22.5	677.30	659.49	641.42	623.22	604.76	586.17	567.71	549.25	530.66	512.98
25.0	703.95	686.53	664.69	644.41	624.00	603.33	580.84	558.74	537.03	515.45
27.5	729.43	708.11	684.06	659.36	634.53	609.83	585.39	560.95	537.42	514.02

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

30.0	746.98	721.11	694.72	668.33	641.81	615.16	588.64	562.64	536.90	512.07
32.5	759.46	731.77	703.82	675.74	647.66	619.32	591.11	563.29	535.73	509.08
35.0	770.25	740.87	711.36	681.72	651.95	622.31	592.54	562.77	533.91	506.48
37.5	779.09	748.41	717.34	686.14	654.94	623.74	594.36	561.47	530.92	501.15
40.0	786.24	754.26	721.89	689.26	656.63	624.00	591.50	559.26	527.15	496.08
42.5	791.83	758.68	725.01	690.95	656.89	622.96	589.29	556.14	522.73	490.23
45.0	795.47	761.41	726.44	691.21	655.85	620.75	585.91	551.46	517.27	483.47
47.5	798.46	762.71	726.83	690.17	653.64	618.93	581.36	545.48	509.34	473.72
50.0	799.76	762.84	725.40	687.70	648.96	610.35	572.13	534.43	497.25	460.59
52.5	799.50	760.63	721.11	681.33	641.16	601.25	561.60	522.60	484.38	446.68
55.0	797.42	757.90	715.26	673.92	632.58	591.24	550.29	509.99	470.60	431.99
57.5	794.17	751.40	708.50	665.60	624.00	580.32	538.20	496.73	456.30	416.78
60.0	790.27	745.68	700.96	656.50	612.43	568.62	525.20	482.69	441.09	400.79
62.5	785.59	739.05	692.64	646.49	600.86	555.88	511.55	467.87	425.23	384.28
65.0	780.26	731.77	683.54	635.70	588.51	542.23	496.73	452.14	408.85	367.12
67.5	774.02	722.93	673.40	623.87	575.12	527.41	481.26	435.89	391.69	349.31
70.0	766.74	714.09	662.22	611.13	560.95	512.72	466.70	421.59	377.52	335.14
72.5	758.81	705.77	653.90	603.07	553.02	504.40	457.08	411.06	366.34	322.92
75.0	756.08	701.35	648.05	596.05	544.96	494.91	446.68	399.88	354.38	310.18
77.5	751.79	695.50	640.64	587.60	535.73	484.64	435.24	387.92	341.77	296.92
80.0	745.81	687.83	631.80	577.85	525.20	473.20	423.02	375.05	328.51	283.01
82.5	737.88	678.99	621.53	566.67	513.63	460.72	409.76	361.27	314.47	268.58
85.0	728.00	668.07	609.57	554.06	500.63	447.20	395.59	348.40	301.21	254.80
87.5	717.21	656.24	596.83	540.67	487.11	433.16	380.77	331.76	284.83	238.16
90.0	702.00	640.51	580.71	524.42	470.86	416.78	364.13	315.12	268.19	221.65
92.5	717.21	656.24	596.83	540.67	487.11	433.16	380.77	331.76	284.83	238.16
95.0	728.00	668.07	609.57	554.06	500.63	447.20	395.59	348.40	301.21	254.80
97.5	737.88	678.99	621.53	566.67	513.63	460.72	409.76	361.27	314.47	268.58
100.0	745.81	688.09	631.80	577.85	525.20	473.20	423.02	375.05	328.51	283.01
102.5	751.79	695.50	640.64	587.60	535.73	484.64	435.24	387.92	341.77	296.92
105.0	756.08	701.35	648.05	596.05	544.96	494.91	446.68	399.88	354.38	310.18
107.5	758.81	705.77	653.90	603.07	553.02	504.40	457.08	411.06	366.34	322.92
110.0	766.74	714.09	662.22	611.13	560.95	512.72	466.70	421.59	377.52	335.14
112.5	774.02	723.45	673.40	623.87	575.12	527.67	481.26	435.89	391.69	349.31
115.0	780.26	731.77	683.54	635.70	588.51	542.23	496.73	452.14	408.85	367.12
117.5	785.59	739.05	693.16	646.49	600.86	555.88	511.55	467.87	425.23	384.28
120.0	790.27	745.68	700.96	656.50	612.43	568.62	525.20	482.69	441.09	400.79
122.5	794.17	751.40	708.50	665.60	624.00	580.32	538.20	496.73	456.30	416.78
125.0	797.94	757.90	715.26	673.92	632.58	591.24	550.29	509.99	470.60	431.99
127.5	799.89	760.63	721.11	681.33	641.16	601.25	561.60	522.60	484.38	446.68
130.0	799.76	762.84	725.40	687.70	648.96	610.35	572.13	534.43	497.25	460.59
132.5	798.46	762.71	726.83	690.17	653.64	618.93	581.36	545.48	509.34	473.72
135.0	795.73	761.41	726.44	691.21	655.85	620.75	585.91	551.46	517.27	483.47
137.5	792.35	758.68	725.01	690.95	656.89	622.96	589.29	556.14	522.73	490.23
140.0	786.24	754.26	721.89	689.26	656.63	624.00	591.50	559.26	527.15	496.08
142.5	779.09	748.41	717.34	686.14	654.94	623.74	594.36	561.47	530.92	501.15
145.0	770.25	740.87	711.36	681.72	651.95	622.31	592.54	562.77	533.91	506.48
147.5	759.46	731.77	704.34	675.74	647.66	619.32	591.11	563.29	535.73	509.08
150.0	746.98	721.11	694.72	668.33	641.81	615.16	588.64	562.64	536.90	512.07
152.5	729.43	708.24	684.06	659.36	634.53	609.83	585.39	560.95	537.42	514.02
155.0	703.95	686.53	664.69	644.41	624.00	603.33	580.84	558.74	537.03	515.45
157.5	677.30	659.49	641.42	623.22	604.76	586.17	567.71	549.25	530.66	512.98
160.0	649.22	633.62	617.63	601.38	585.00	568.88	552.50	535.86	520.00	504.01
162.5	620.75	606.97	594.36	579.15	565.11	550.81	536.64	522.73	508.82	494.65
165.0	591.63	580.32	568.62	556.79	546.00	533.00	521.17	509.08	496.99	485.55
167.5	562.90	553.41	544.05	534.56	524.81	515.06	505.05	495.30	485.81	476.32

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	534.56	527.28	519.74	512.07	504.66	496.99	489.58	482.04	474.37	466.57
<b>172.5</b>	506.22	501.15	495.95	490.62	485.03	479.57	473.85	468.13	462.28	457.21
<b>175.0</b>	479.44	475.93	472.42	468.91	465.27	462.02	458.90	455.65	452.40	449.15
<b>177.5</b>	454.74	453.31	451.88	450.32	448.76	447.20	445.51	443.95	442.26	440.57
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>75.0</b>	<b>77.5</b>	<b>80.0</b>	<b>82.5</b>	<b>85.0</b>	<b>87.5</b>	<b>90.0</b>	<b>92.5</b>	<b>95.0</b>	<b>97.5</b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	438.75	437.19	435.50	433.81	431.99	430.30	428.61	427.31	425.88	424.58
<b>5.0</b>	445.77	442.39	438.88	435.63	432.25	428.87	425.49	422.89	420.16	417.56
<b>7.5</b>	452.27	447.33	442.39	437.32	432.38	427.31	422.37	418.47	414.57	410.67
<b>10.0</b>	458.77	452.01	445.51	438.88	432.38	425.75	419.25	414.05	408.98	403.91
<b>12.5</b>	466.70	456.95	448.37	440.31	432.12	424.19	416.13	409.76	403.52	397.28
<b>15.0</b>	474.11	462.67	451.23	441.48	431.86	422.50	413.01	405.60	398.06	390.78
<b>17.5</b>	481.26	468.13	454.87	442.52	431.47	420.68	409.89	401.31	392.86	384.54
<b>20.0</b>	488.02	473.07	458.25	443.43	430.95	418.86	406.77	397.15	387.66	378.95
<b>22.5</b>	495.17	477.75	461.37	444.99	430.30	417.04	403.65	393.12	382.59	372.71
<b>25.0</b>	495.04	474.76	456.04	437.71	420.55	406.25	392.08	381.03	369.85	360.23
<b>27.5</b>	491.66	469.82	449.02	429.65	410.67	395.59	380.64	369.07	357.50	347.62
<b>30.0</b>	488.67	464.49	442.00	421.20	400.40	384.67	369.07	357.24	345.28	335.27
<b>32.5</b>	483.08	458.38	434.33	412.23	390.52	373.75	357.63	345.54	333.45	323.18
<b>35.0</b>	478.14	451.62	426.53	403.00	381.03	362.70	346.06	333.71	322.14	311.48
<b>37.5</b>	472.29	444.34	418.34	393.51	370.76	351.52	334.62	322.27	310.83	300.04
<b>40.0</b>	465.79	436.93	409.63	383.63	360.23	340.08	323.05	310.83	299.52	288.86
<b>42.5</b>	458.51	428.87	400.40	373.36	349.44	328.77	311.61	299.52	288.47	278.33
<b>45.0</b>	450.97	420.16	390.65	363.22	338.52	317.20	300.04	288.34	277.68	267.41
<b>47.5</b>	439.40	406.64	375.57	346.97	321.23	299.00	282.10	270.79	260.65	251.16
<b>50.0</b>	424.97	390.91	358.93	329.81	303.42	280.93	264.16	253.37	243.75	234.65
<b>52.5</b>	410.02	374.92	342.29	312.39	285.48	262.60	246.35	236.08	226.85	218.27
<b>55.0</b>	394.42	358.54	325.13	294.58	267.15	244.14	228.41	218.66	210.21	202.15
<b>57.5</b>	378.30	341.77	307.71	276.51	248.04	225.68	210.47	201.63	192.92	186.16
<b>60.0</b>	361.79	324.61	289.77	258.18	229.45	207.22	192.53	184.47	176.67	170.43
<b>62.5</b>	344.63	306.93	271.57	239.59	210.86	188.50	174.72	167.31	160.29	154.70
<b>65.0</b>	326.95	288.73	252.98	220.61	191.88	169.78	156.78	150.41	144.17	139.36
<b>67.5</b>	308.75	270.14	234.00	201.50	172.90	150.93	138.84	133.38	128.05	124.02
<b>70.0</b>	294.45	255.84	219.57	186.68	157.95	135.72	123.37	118.43	113.62	109.85
<b>72.5</b>	281.58	242.45	205.53	171.99	142.87	120.38	108.03	103.74	99.32	96.07
<b>75.0</b>	268.19	228.54	191.10	157.04	127.66	105.56	92.56	88.79	85.02	82.16
<b>77.5</b>	254.41	214.37	176.54	142.09	112.32	90.09	77.09	73.97	70.72	68.38
<b>80.0</b>	239.98	199.81	161.59	126.23	97.76	74.62	61.75	59.15	56.68	54.21
<b>82.5</b>	225.16	184.86	147.68	111.67	81.90	59.15	46.28	44.33	42.38	40.56
<b>85.0</b>	210.86	170.17	131.04	95.81	66.17	43.68	30.81	29.51	28.21	27.04
<b>87.5</b>	193.70	153.53	115.18	79.82	50.31	28.21	15.47	14.82	14.17	13.52
<b>90.0</b>	177.71	137.67	99.32	63.96	34.58	12.74	0.00	0.00	0.00	0.00
<b>92.5</b>	194.22	153.92	115.44	79.95	50.31	28.21	15.47	14.82	14.17	13.65
<b>95.0</b>	210.86	170.17	131.56	96.07	66.30	43.68	30.81	29.51	28.34	27.30
<b>97.5</b>	225.16	184.86	147.68	112.06	82.03	59.15	46.28	44.33	42.51	40.95
<b>100.0</b>	239.98	199.81	161.59	126.75	98.02	74.62	61.75	59.28	56.81	54.60
<b>102.5</b>	254.41	214.37	176.54	142.09	112.71	90.22	77.09	73.97	70.98	68.38
<b>105.0</b>	268.19	228.54	191.10	157.04	128.05	105.69	92.56	88.92	85.28	82.16
<b>107.5</b>	281.58	242.45	205.53	171.99	143.26	120.51	108.03	103.74	99.71	96.07
<b>110.0</b>	294.45	255.84	219.57	186.68	158.47	135.85	123.37	118.56	114.01	109.85
<b>112.5</b>	308.75	270.14	234.00	201.50	173.55	151.06	138.84	133.51	128.57	124.02
<b>115.0</b>	326.95	288.73	252.98	220.61	192.53	169.91	156.78	150.54	144.69	139.36

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

117.5	344.63	306.93	271.57	239.59	211.51	188.63	174.72	167.44	160.81	154.70
120.0	361.79	324.61	289.77	258.18	230.23	207.35	192.53	184.60	177.19	170.43
122.5	378.30	341.77	307.71	276.51	248.82	225.94	210.47	201.76	193.57	186.16
125.0	394.42	358.54	325.13	294.58	267.15	244.40	228.41	218.92	210.21	202.15
127.5	410.02	374.92	342.29	312.39	285.48	262.73	246.35	236.21	226.85	218.27
130.0	424.97	390.91	358.93	329.81	303.42	281.06	264.16	253.63	243.75	234.65
132.5	439.40	406.64	375.57	346.97	321.23	299.26	282.10	270.92	260.65	251.16
135.0	450.97	420.16	390.65	363.22	338.52	317.33	300.04	288.47	277.68	267.41
137.5	458.51	428.87	400.40	373.36	349.44	328.90	311.61	299.65	288.47	278.33
140.0	465.79	436.93	409.63	383.63	360.23	340.21	323.05	310.96	299.52	288.86
142.5	472.29	444.34	418.34	393.51	370.76	351.65	334.62	322.40	310.83	300.04
145.0	478.14	451.62	426.53	403.00	381.03	362.83	346.06	333.84	322.14	311.48
147.5	483.08	458.38	434.33	412.23	391.04	373.88	357.63	345.54	333.84	323.18
150.0	488.67	464.49	442.00	421.20	400.92	384.80	369.07	357.24	345.67	335.27
152.5	491.66	469.82	449.02	429.65	411.06	395.72	380.64	369.20	357.89	347.62
155.0	495.04	474.76	456.04	437.71	420.94	406.38	392.08	381.03	370.24	360.23
157.5	495.17	477.75	461.37	444.99	430.43	417.04	403.65	393.12	382.72	372.71
160.0	488.02	473.07	458.25	443.43	431.08	418.86	406.77	397.28	387.79	378.95
162.5	481.26	468.13	454.87	442.52	431.60	420.68	409.89	401.44	392.99	384.54
165.0	474.11	462.67	451.23	441.48	431.99	422.50	413.01	405.60	398.19	390.78
167.5	466.70	456.95	448.37	440.31	432.25	424.19	416.13	409.76	403.52	397.28
170.0	458.77	452.01	445.51	439.01	432.38	425.75	419.25	414.18	408.98	403.91
172.5	452.27	447.33	442.39	437.32	432.38	427.31	422.37	418.47	414.57	410.67
175.0	445.77	442.39	439.01	435.63	432.25	428.87	425.49	422.89	420.16	417.56
177.5	438.88	437.19	435.50	433.81	431.99	430.30	428.61	427.31	425.88	424.58
180.0	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Horizontal Angles**  
**Angles**

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
2.5	423.28	421.98	420.55	419.51	418.21	417.04	415.87	414.70	413.53	412.49
5.0	414.83	412.36	409.89	407.42	404.95	402.61	400.27	397.93	395.72	393.77
7.5	406.90	403.13	399.36	395.72	392.86	388.96	385.84	382.85	379.86	377.00
10.0	398.97	394.03	390.00	384.80	380.64	376.35	372.32	368.29	364.39	360.88
12.5	391.17	385.19	379.86	374.40	369.20	364.00	359.19	354.64	350.22	345.93
15.0	384.41	377.13	370.76	364.39	358.93	352.56	347.10	341.77	336.44	331.76
17.5	376.74	369.20	361.92	354.77	348.27	341.77	335.53	329.68	324.22	318.89
20.0	369.98	361.53	354.12	345.93	338.52	331.50	324.87	318.50	312.26	306.67
22.5	363.35	354.12	345.54	337.35	329.29	321.88	314.73	307.71	301.34	295.23
25.0	350.74	341.64	333.32	325.26	317.85	310.83	304.07	297.83	290.81	284.44
27.5	337.74	328.51	319.80	311.61	304.07	296.66	289.90	283.27	277.55	272.09
30.0	325.00	315.77	306.80	298.61	290.68	283.40	276.38	270.01	264.03	258.57
32.5	312.91	303.55	294.58	286.13	278.20	270.66	263.77	257.27	251.29	245.83
35.0	301.34	291.59	282.75	274.17	266.37	258.70	251.81	245.31	239.33	233.87
37.5	289.90	280.67	271.31	262.86	254.93	247.39	240.37	234.00	228.02	222.69
40.0	278.85	269.23	260.39	252.07	244.01	236.73	229.71	223.34	217.49	212.03
42.5	268.06	258.70	250.25	241.67	233.74	226.33	219.57	213.20	207.35	202.15
45.0	257.66	248.43	239.85	231.66	223.86	216.58	209.82	203.58	197.86	192.66
47.5	242.19	234.00	226.46	219.31	212.68	206.70	200.59	194.35	188.89	183.69
50.0	226.07	218.27	210.99	204.23	197.73	192.01	186.81	182.13	178.23	174.72
52.5	210.21	202.67	195.91	189.41	183.43	177.71	172.51	168.09	164.19	160.68
55.0	194.48	187.59	181.09	175.11	169.39	163.80	158.73	154.31	150.41	147.16
57.5	179.14	172.64	166.79	161.07	155.61	150.15	145.21	140.79	136.89	133.90
60.0	164.06	158.08	152.62	147.55	142.09	136.76	131.82	127.53	123.89	120.77
62.5	148.98	143.78	138.71	133.90	128.83	123.63	118.82	114.66	111.02	108.03

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>65.0</b>	134.29	129.61	125.19	120.64	115.83	110.63	105.82	101.79	98.41	95.68
<b>67.5</b>	119.60	115.57	111.67	107.64	102.96	97.76	93.21	89.05	85.93	83.46
<b>70.0</b>	105.95	102.31	98.80	95.03	90.48	85.54	80.99	77.09	73.84	71.63
<b>72.5</b>	92.43	89.31	86.06	82.68	78.65	74.23	70.20	66.82	63.83	61.62
<b>75.0</b>	79.17	76.31	73.58	70.59	66.95	63.18	59.67	56.68	54.34	52.39
<b>77.5</b>	65.91	63.44	61.23	58.63	55.51	52.26	49.40	46.93	44.98	43.29
<b>80.0</b>	52.52	50.70	48.75	46.67	44.07	41.60	39.26	37.31	35.75	34.45
<b>82.5</b>	39.39	37.96	36.53	34.97	32.89	30.94	29.25	27.82	26.78	25.74
<b>85.0</b>	25.87	25.35	24.44	23.27	21.84	20.54	19.50	18.46	17.81	17.16
<b>87.5</b>	12.87	12.35	11.70	11.57	10.92	10.27	9.75	9.23	8.84	8.45
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	13.13	12.61	12.09	11.57	10.92	10.27	9.75	9.23	8.84	8.45
<b>95.0</b>	26.26	25.35	24.44	23.27	21.84	20.54	19.50	18.46	17.81	17.16
<b>97.5</b>	39.39	37.96	36.53	34.97	32.89	30.94	29.25	27.82	26.78	25.74
<b>100.0</b>	52.52	50.70	48.75	46.67	44.07	41.60	39.26	37.31	35.75	34.45
<b>102.5</b>	65.91	63.44	61.23	58.63	55.51	52.26	49.40	46.93	44.98	43.29
<b>105.0</b>	79.17	76.31	73.58	70.59	66.95	63.18	59.67	56.68	54.34	52.39
<b>107.5</b>	92.43	89.31	86.06	82.68	78.65	74.23	70.20	66.82	63.96	61.62
<b>110.0</b>	105.95	102.31	98.80	95.03	90.48	85.54	80.99	77.09	73.84	71.63
<b>112.5</b>	119.60	115.57	111.67	107.64	102.96	97.76	93.21	89.18	85.93	83.46
<b>115.0</b>	134.29	129.61	125.19	120.64	115.83	110.63	105.82	101.79	98.41	95.68
<b>117.5</b>	148.98	143.78	138.71	133.90	128.83	123.63	118.82	114.66	111.02	108.03
<b>120.0</b>	164.06	158.08	152.62	147.55	142.09	136.76	131.82	127.53	123.89	120.77
<b>122.5</b>	179.14	172.64	166.79	161.07	155.61	150.15	145.21	140.79	136.89	133.90
<b>125.0</b>	194.48	187.59	181.09	175.11	169.39	163.80	158.73	154.31	150.41	147.16
<b>127.5</b>	210.21	202.67	195.91	189.41	183.43	177.71	172.51	168.09	164.19	160.68
<b>130.0</b>	226.07	218.27	210.99	204.23	197.73	192.01	186.81	182.13	178.23	174.72
<b>132.5</b>	242.19	234.00	226.46	219.31	212.68	206.70	200.59	194.35	188.89	183.69
<b>135.0</b>	257.66	248.43	239.85	231.66	223.86	216.58	209.82	203.58	197.86	192.66
<b>137.5</b>	268.06	258.70	250.25	241.67	233.74	226.33	219.57	213.20	207.35	202.15
<b>140.0</b>	278.85	269.23	260.39	252.07	244.01	236.73	229.71	223.34	217.49	212.03
<b>142.5</b>	289.90	280.67	271.31	262.86	254.93	247.39	240.37	234.00	228.02	222.69
<b>145.0</b>	301.34	291.59	282.75	274.17	266.37	258.70	251.81	245.31	239.33	233.87
<b>147.5</b>	312.91	303.55	294.58	286.13	278.20	270.66	263.77	257.27	251.29	245.83
<b>150.0</b>	325.00	315.77	306.80	298.61	290.68	283.40	276.38	270.01	264.03	258.57
<b>152.5</b>	337.74	328.51	319.80	311.61	304.07	296.66	289.90	283.27	277.55	272.09
<b>155.0</b>	350.74	341.64	333.32	325.26	317.85	310.83	304.07	297.83	290.81	284.44
<b>157.5</b>	363.35	354.12	345.54	337.35	329.29	321.88	314.73	307.71	301.34	295.23
<b>160.0</b>	369.98	361.53	354.12	345.93	338.52	331.50	324.87	318.50	312.26	306.67
<b>162.5</b>	376.74	369.20	361.92	354.77	348.27	341.77	335.53	329.68	324.22	318.89
<b>165.0</b>	384.41	377.13	370.76	364.39	358.93	352.56	347.10	341.77	336.44	331.76
<b>167.5</b>	391.17	385.19	379.86	374.40	369.20	364.00	359.19	354.64	350.22	345.93
<b>170.0</b>	398.97	394.03	390.00	384.80	380.64	376.35	372.32	368.29	364.39	360.88
<b>172.5</b>	406.90	403.13	399.36	395.72	392.86	388.96	385.84	382.85	379.86	377.00
<b>175.0</b>	414.96	412.36	409.89	407.42	404.95	402.61	400.27	397.93	395.72	393.77
<b>177.5</b>	423.28	421.98	420.68	419.51	418.21	417.04	415.87	414.70	413.53	412.49
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>125.0</u></b>	<b><u>127.5</u></b>	<b><u>130.0</u></b>	<b><u>132.5</u></b>	<b><u>135.0</u></b>	<b><u>137.5</u></b>	<b><u>140.0</u></b>	<b><u>142.5</u></b>	<b><u>145.0</u></b>	<b><u>147.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	411.45	410.41	409.37	408.46	407.55	406.77	405.86	405.21	404.43	403.78
<b>5.0</b>	391.95	390.13	388.44	386.75	385.19	383.63	382.20	380.90	379.60	378.43
<b>7.5</b>	374.27	371.54	368.94	367.12	364.39	362.31	360.36	358.41	356.72	355.03
<b>10.0</b>	357.50	354.25	351.13	348.01	345.15	342.29	339.82	337.61	335.53	333.58



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

12.5	341.77	338.39	334.23	330.85	327.60	324.48	321.49	318.76	316.29	314.21
15.0	327.34	323.05	318.76	315.38	311.22	307.97	304.72	301.73	298.87	296.40
17.5	313.69	309.01	304.59	300.30	296.14	292.50	289.12	286.00	283.01	280.15
20.0	301.21	296.01	291.07	286.65	282.49	278.46	274.82	271.44	268.45	265.46
22.5	289.25	284.05	278.85	273.91	269.62	265.59	261.69	258.18	255.06	252.20
25.0	278.46	272.74	267.54	262.60	257.79	253.63	249.73	246.09	242.84	239.98
27.5	267.02	262.34	256.75	251.81	247.13	242.71	238.81	235.17	231.79	228.80
30.0	253.50	248.82	244.66	240.89	237.12	232.83	228.80	225.03	221.65	218.40
32.5	240.76	236.21	232.05	228.41	225.03	222.17	219.31	215.41	212.03	208.91
35.0	228.93	224.38	220.35	216.71	213.46	210.47	208.00	205.79	203.19	199.94
37.5	217.62	213.33	209.30	205.66	202.41	199.42	196.95	194.87	193.05	191.49
40.0	207.35	202.93	198.77	195.26	192.01	189.15	186.55	184.34	182.52	181.09
42.5	197.34	193.05	189.02	185.25	182.00	179.01	176.28	173.81	171.99	170.56
45.0	187.98	183.56	179.40	175.63	172.12	169.00	166.01	163.54	161.46	159.64
47.5	178.88	174.46	170.30	166.40	162.50	158.99	155.74	152.88	150.54	148.59
50.0	170.30	165.75	161.33	157.04	152.75	148.85	145.21	142.22	139.75	137.67
52.5	157.95	155.22	152.36	147.68	143.00	138.71	134.68	131.82	129.09	126.75
55.0	144.30	141.70	138.71	135.72	132.73	128.44	124.80	121.68	118.95	116.48
57.5	131.04	128.18	125.32	122.33	119.34	116.74	114.66	111.93	109.20	106.60
60.0	118.04	115.31	112.45	109.59	106.86	104.65	102.83	101.40	99.97	97.24
62.5	105.43	102.83	100.10	97.50	95.16	93.21	91.52	90.09	88.79	88.14
65.0	93.21	90.74	88.27	85.93	83.98	82.29	80.73	79.30	78.13	77.61
67.5	81.25	78.91	76.96	75.14	73.45	71.89	70.46	68.90	68.12	67.60
70.0	69.81	67.86	66.30	64.74	63.18	61.75	60.32	59.28	58.50	57.85
72.5	59.54	57.59	55.90	54.73	53.43	51.87	50.70	49.79	49.27	48.62
75.0	50.57	48.88	47.45	46.15	44.59	42.90	41.47	40.82	40.17	39.91
77.5	41.86	40.43	39.26	38.09	36.66	35.23	34.06	33.02	32.24	31.46
80.0	33.28	32.11	31.20	30.16	28.99	27.95	26.91	26.13	25.48	24.83
82.5	24.83	24.05	23.27	22.36	21.58	20.67	20.02	19.50	18.85	18.33
85.0	16.51	15.86	15.47	14.82	14.30	13.65	13.26	12.87	12.48	12.22
87.5	8.32	7.93	7.67	7.41	7.15	6.76	6.63	6.37	6.24	6.11
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	8.32	7.93	7.67	7.41	7.15	6.76	6.63	6.37	6.24	6.11
95.0	16.51	15.86	15.47	14.82	14.30	13.65	13.26	12.87	12.48	12.22
97.5	24.83	24.05	23.27	22.36	21.58	20.67	20.02	19.50	18.85	18.33
100.0	33.28	32.11	31.20	30.16	28.99	27.95	26.91	26.13	25.48	24.83
102.5	41.86	40.43	39.26	38.09	36.92	35.23	34.06	33.02	32.24	31.59
105.0	50.57	48.88	47.45	46.15	44.59	42.90	41.47	40.82	40.30	39.91
107.5	59.54	57.59	55.90	54.73	53.43	52.00	50.70	49.79	49.27	48.62
110.0	69.81	67.86	66.30	64.74	63.18	61.75	60.32	59.28	58.50	57.85
112.5	81.25	79.17	76.96	75.14	73.45	71.89	70.46	68.90	68.12	67.60
115.0	93.21	90.74	88.27	85.93	83.98	82.29	80.73	79.43	78.13	77.61
117.5	105.69	102.83	100.10	97.50	95.16	93.21	91.52	90.09	88.79	88.14
120.0	118.04	115.31	112.45	109.59	106.86	104.65	102.83	101.40	99.97	97.24
122.5	131.04	128.18	125.32	122.33	119.34	116.74	114.66	111.93	109.20	106.60
125.0	144.30	141.70	138.97	135.72	132.73	128.44	124.93	121.68	118.95	116.48
127.5	157.95	155.22	152.49	147.68	143.00	138.71	134.81	131.82	129.09	126.75
130.0	170.30	165.75	161.33	157.04	152.75	148.85	145.34	142.22	139.75	137.67
132.5	178.88	174.46	170.30	166.40	162.50	158.99	155.74	152.88	150.54	148.59
135.0	187.98	183.56	179.40	175.63	172.12	169.00	166.01	163.54	161.46	159.64
137.5	197.34	193.05	189.15	185.25	182.00	179.01	176.28	173.81	171.99	170.56
140.0	207.35	202.93	198.77	195.26	192.01	189.15	186.55	184.34	182.52	181.09
142.5	217.62	213.33	209.30	205.66	202.41	199.55	196.95	195.00	193.05	191.49
145.0	228.93	224.38	220.35	216.71	213.46	210.47	208.00	205.79	203.19	199.94
147.5	240.89	236.21	232.05	228.41	225.03	222.17	219.31	215.41	212.16	208.91
150.0	253.50	248.82	244.66	240.89	237.12	232.83	228.80	225.03	221.65	218.40

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>152.5</b>	267.02	262.47	256.75	251.81	247.13	242.71	238.81	235.17	231.79	228.80
<b>155.0</b>	278.46	272.74	267.54	262.60	257.79	253.63	249.73	246.09	242.84	239.98
<b>157.5</b>	289.25	284.05	278.85	273.91	269.62	265.59	261.69	258.18	255.06	252.20
<b>160.0</b>	301.21	296.01	291.07	286.78	282.49	278.46	274.82	271.57	268.45	265.46
<b>162.5</b>	313.69	309.01	304.59	300.30	296.27	292.50	289.12	286.00	283.01	280.15
<b>165.0</b>	327.34	323.05	318.76	315.38	311.22	307.97	304.72	301.73	298.87	296.40
<b>167.5</b>	341.77	338.39	334.23	330.85	327.60	324.48	321.49	318.76	316.29	314.21
<b>170.0</b>	357.50	354.25	351.13	348.01	345.15	342.29	339.82	337.61	335.53	333.58
<b>172.5</b>	374.27	371.54	368.94	367.12	364.39	362.31	360.36	358.41	356.72	355.03
<b>175.0</b>	391.95	390.13	388.44	386.75	385.19	383.63	382.20	380.90	379.60	378.43
<b>177.5</b>	411.45	410.41	409.37	408.46	407.55	406.77	405.86	405.21	404.43	403.78
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>150.0</u></b>	<b><u>152.5</u></b>	<b><u>155.0</u></b>	<b><u>157.5</u></b>	<b><u>160.0</u></b>	<b><u>162.5</u></b>	<b><u>165.0</u></b>	<b><u>167.5</u></b>	<b><u>170.0</u></b>	<b><u>172.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	403.26	402.61	402.22	401.70	401.31	401.05	400.79	400.53	400.40	400.27
<b>5.0</b>	377.39	376.48	375.57	374.79	374.14	373.49	372.97	372.58	372.32	372.19
<b>7.5</b>	353.60	352.30	351.00	349.96	348.92	348.14	347.49	346.84	346.45	346.19
<b>10.0</b>	331.89	330.20	328.77	327.47	326.30	325.26	324.48	323.83	323.31	322.92
<b>12.5</b>	312.13	310.31	308.62	307.19	305.89	304.72	303.81	303.03	302.51	302.12
<b>15.0</b>	294.19	292.11	290.29	288.73	287.30	286.00	284.96	284.18	283.53	283.14
<b>17.5</b>	278.33	275.60	273.65	271.96	270.40	269.10	268.06	267.15	266.50	266.11
<b>20.0</b>	262.86	260.52	258.44	256.75	255.19	253.89	252.72	251.94	251.29	250.77
<b>22.5</b>	249.47	246.87	244.79	243.10	241.67	240.37	239.33	238.42	237.77	237.38
<b>25.0</b>	237.38	234.91	232.83	231.01	229.45	228.02	226.98	226.20	225.55	225.16
<b>27.5</b>	226.20	223.73	221.52	219.57	218.01	216.71	215.54	214.76	214.11	213.72
<b>30.0</b>	215.80	213.33	211.12	209.17	207.48	206.18	205.14	204.36	203.84	203.58
<b>32.5</b>	206.05	203.71	201.50	199.55	197.86	196.56	195.52	194.61	194.09	193.83
<b>35.0</b>	197.08	194.61	192.40	190.45	188.76	187.33	186.03	185.25	184.60	184.21
<b>37.5</b>	188.63	185.90	183.69	181.48	179.66	178.10	176.80	175.76	174.98	174.72
<b>40.0</b>	180.05	177.58	174.98	172.64	170.69	168.87	167.31	166.14	165.23	164.84
<b>42.5</b>	169.39	168.61	166.40	163.54	161.20	159.12	157.30	156.00	155.09	154.57
<b>45.0</b>	158.34	157.30	156.78	154.05	151.32	148.98	147.03	145.60	144.69	144.17
<b>47.5</b>	147.03	145.73	144.69	143.91	141.18	138.58	136.63	135.07	133.90	133.25
<b>50.0</b>	135.72	134.16	132.99	132.21	130.91	128.18	125.97	124.41	123.50	122.98
<b>52.5</b>	124.80	123.11	121.55	120.25	119.47	118.04	115.83	114.53	113.62	113.36
<b>55.0</b>	114.27	112.32	110.63	109.33	108.42	108.16	106.73	105.43	104.65	104.26
<b>57.5</b>	104.26	102.44	100.75	99.45	98.67	98.54	98.54	97.11	96.20	95.68
<b>60.0</b>	95.16	93.34	91.52	90.35	89.57	89.31	89.83	89.31	87.75	86.84
<b>62.5</b>	86.84	84.63	82.94	81.64	80.73	80.47	80.21	80.60	79.17	78.26
<b>65.0</b>	77.09	76.57	74.62	73.06	71.89	70.98	70.85	71.37	71.11	69.81
<b>67.5</b>	66.95	66.69	66.04	64.48	63.05	62.14	62.01	62.14	62.92	61.36
<b>70.0</b>	57.33	56.68	56.16	55.77	54.60	53.69	53.30	53.30	53.43	52.78
<b>72.5</b>	48.10	47.58	47.19	46.67	46.15	45.89	45.50	44.85	44.33	44.98
<b>75.0</b>	39.39	39.00	38.74	38.48	38.22	38.35	37.96	37.05	36.92	37.05
<b>77.5</b>	31.20	31.07	31.07	31.07	31.20	31.07	30.68	30.42	30.03	29.77
<b>80.0</b>	24.18	24.05	24.18	24.44	24.57	24.44	24.31	24.18	24.18	23.92
<b>82.5</b>	18.07	17.94	17.94	18.07	18.33	18.72	18.59	18.46	18.59	18.85
<b>85.0</b>	11.96	11.83	11.96	12.09	12.22	12.48	12.87	13.52	8.71	8.32
<b>87.5</b>	5.98	5.98	5.98	5.98	6.11	6.24	6.37	6.76	1.04	0.00
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	5.98	5.98	5.98	5.98	6.11	6.24	6.37	6.76	1.04	0.00
<b>95.0</b>	11.96	11.83	11.96	12.09	12.22	12.48	12.87	13.52	8.71	8.32
<b>97.5</b>	18.07	17.94	17.94	18.07	18.33	18.72	18.59	18.46	18.59	18.85

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

100.0	24.18	24.05	24.18	24.44	24.57	24.44	24.31	24.18	24.18	23.92
102.5	31.20	31.07	31.07	31.20	31.20	31.07	30.68	30.42	30.03	29.77
105.0	39.39	39.00	38.74	38.48	38.22	38.35	37.96	37.05	36.92	37.05
107.5	48.10	47.58	47.19	46.67	46.15	45.89	45.50	44.85	44.33	44.98
110.0	57.33	56.68	56.16	55.77	54.60	53.69	53.30	53.30	53.43	52.78
112.5	66.95	66.69	66.04	64.48	63.05	62.14	62.01	62.27	62.92	61.36
115.0	77.09	76.57	74.62	73.06	71.89	70.98	70.85	71.37	71.11	69.81
117.5	86.84	84.63	82.94	81.64	80.73	80.47	80.21	80.60	79.17	78.26
120.0	95.16	93.34	91.52	90.35	89.57	89.31	89.83	89.31	87.75	86.84
122.5	104.26	102.44	100.75	99.45	98.67	98.54	98.54	97.11	96.20	95.68
125.0	114.27	112.32	110.63	109.33	108.42	108.16	106.73	105.43	104.65	104.26
127.5	124.80	123.11	121.55	120.25	119.47	118.04	115.83	114.53	113.62	113.36
130.0	135.72	134.16	132.99	132.21	130.91	128.18	125.97	124.41	123.50	122.98
132.5	147.03	145.73	144.69	143.91	141.18	138.58	136.63	135.07	133.90	133.25
135.0	158.34	157.30	156.78	154.05	151.32	148.98	147.03	145.60	144.69	144.17
137.5	169.39	168.61	166.40	163.54	161.20	159.12	157.30	156.00	155.09	154.57
140.0	180.05	177.58	174.98	172.64	170.69	168.87	167.31	166.14	165.23	164.84
142.5	188.63	185.90	183.69	181.48	179.66	178.10	176.80	175.76	175.11	174.72
145.0	197.08	194.61	192.40	190.45	188.76	187.33	186.03	185.25	184.60	184.21
147.5	206.05	203.71	201.50	199.55	197.86	196.56	195.52	194.61	194.09	193.83
150.0	215.80	213.33	211.12	209.17	207.48	206.18	205.14	204.36	203.84	203.58
152.5	226.20	223.73	221.52	219.57	218.01	216.71	215.54	214.76	214.11	213.72
155.0	237.38	234.91	232.83	231.01	229.45	228.02	226.98	226.20	225.55	225.16
157.5	249.47	246.87	244.92	243.10	241.67	240.37	239.33	238.42	237.77	237.38
160.0	262.86	260.52	258.44	256.75	255.19	253.89	252.72	251.94	251.29	250.77
162.5	278.33	275.60	273.65	271.96	270.40	269.10	268.06	267.15	266.50	266.11
165.0	294.19	292.11	290.29	288.73	287.30	286.00	284.96	284.18	283.53	283.14
167.5	312.13	310.31	308.62	307.19	305.89	304.72	303.81	303.03	302.51	302.12
170.0	331.89	330.20	328.77	327.47	326.30	325.26	324.48	323.83	323.31	322.92
172.5	353.60	352.30	351.00	349.96	349.05	348.14	347.49	346.84	346.45	346.19
175.0	377.39	376.48	375.57	374.79	374.14	373.49	372.97	372.58	372.32	372.19
177.5	403.26	402.61	402.22	401.70	401.31	401.05	400.79	400.53	400.40	400.27
180.0	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Angles**      **Horizontal Angles**

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
2.5	400.27	400.27	400.40	400.27	400.27	400.40	400.40	400.66	400.79	401.05
5.0	372.06	372.19	372.32	372.19	372.19	372.32	372.45	372.71	373.10	373.62
7.5	346.06	346.19	346.32	346.19	346.19	346.32	346.58	346.97	347.49	348.27
10.0	322.79	322.79	323.05	322.92	322.92	323.05	323.31	323.83	324.61	325.39
12.5	301.99	301.99	302.25	301.99	301.99	302.25	302.64	303.16	303.94	304.85
15.0	283.01	283.01	283.27	283.01	283.01	283.27	283.66	284.31	285.09	286.13
17.5	265.85	265.98	266.24	265.98	265.98	266.24	266.63	267.28	268.19	269.23
20.0	250.64	250.77	251.03	250.77	250.77	251.03	251.42	252.07	252.98	254.15
22.5	237.25	237.38	237.77	237.51	237.38	237.51	238.03	238.68	239.46	240.63
25.0	225.03	225.16	225.55	225.16	225.03	225.16	225.55	226.33	227.24	228.28
27.5	213.72	213.85	214.24	213.85	213.72	213.72	213.98	214.63	215.54	216.71
30.0	203.58	203.71	204.23	203.71	203.45	203.32	203.58	204.10	204.88	205.92
32.5	193.83	194.09	194.61	193.96	193.70	193.57	193.70	194.22	194.87	195.91
35.0	184.21	184.47	184.99	184.47	184.08	184.08	184.21	184.73	185.51	186.55
37.5	174.59	174.85	175.37	174.72	174.46	174.59	174.85	175.50	176.41	177.58
40.0	164.71	165.10	165.62	164.97	164.58	164.58	165.10	165.88	167.05	168.48
42.5	154.57	154.83	155.61	154.57	154.05	153.92	154.44	155.35	156.78	158.86
45.0	144.17	144.56	145.47	143.91	142.74	142.22	142.35	143.26	144.82	147.29

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

47.5	133.25	133.77	134.81	132.47	130.78	129.87	129.48	130.00	131.43	133.64
50.0	123.24	123.89	125.06	121.94	119.47	117.78	116.74	116.74	117.52	119.60
52.5	113.49	114.01	115.31	111.41	108.16	105.69	104.13	103.48	104.00	105.43
55.0	104.52	105.30	106.47	101.53	97.37	93.99	91.52	90.35	90.22	91.13
57.5	95.55	95.94	96.98	91.78	87.10	83.20	79.95	77.48	76.44	77.48
60.0	86.71	87.10	88.27	82.42	77.22	72.93	69.42	66.82	66.04	66.30
62.5	77.87	78.13	79.17	72.93	67.34	62.79	59.02	56.03	57.20	58.11
65.0	69.29	69.42	70.33	63.57	57.72	52.78	48.75	47.97	49.53	50.83
67.5	60.19	59.93	60.58	54.21	48.49	43.42	39.13	40.95	43.03	44.72
70.0	51.09	50.57	50.96	44.85	39.65	34.97	34.06	35.88	37.70	39.78
72.5	43.55	42.77	43.03	37.18	32.11	27.56	29.38	31.85	34.06	35.88
75.0	36.27	35.23	35.36	30.03	25.61	24.18	26.13	28.47	30.94	31.59
77.5	29.77	24.18	18.59	19.76	20.15	21.45	23.66	26.00	26.65	26.91
80.0	23.92	19.89	14.69	16.25	17.81	19.63	21.71	21.97	22.23	22.62
82.5	18.33	14.95	0.00	11.96	15.73	17.81	17.81	18.07	18.46	18.72
85.0	11.83	3.90	0.00	3.25	11.96	8.06	8.84	14.43	13.52	12.74
87.5	0.65	0.00	0.00	0.00	0.65	0.00	1.04	7.28	6.76	6.37
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.65	0.00	0.00	0.00	0.65	0.00	1.04	7.28	6.76	6.37
95.0	11.83	3.90	0.00	3.25	11.96	8.06	8.84	14.43	13.52	12.74
97.5	18.33	14.95	0.00	11.96	15.73	17.81	17.81	18.07	18.46	18.72
100.0	23.92	19.89	14.69	16.25	17.81	19.63	21.71	21.97	22.23	22.62
102.5	29.77	24.18	18.59	19.76	20.15	21.45	23.66	26.00	26.65	26.91
105.0	36.27	35.23	35.36	30.03	25.61	24.18	26.13	28.47	30.94	31.59
107.5	43.55	42.77	43.03	37.18	32.11	27.56	29.38	31.85	34.06	35.88
110.0	51.09	50.57	50.96	44.85	39.65	34.97	34.06	35.88	37.70	39.78
112.5	60.19	59.93	60.58	54.21	48.49	43.42	39.13	40.95	43.03	44.72
115.0	69.29	69.42	70.33	63.57	57.72	52.78	48.75	47.97	49.53	50.83
117.5	77.87	78.13	79.17	72.93	67.34	62.79	59.02	56.03	57.20	58.11
120.0	86.71	87.10	88.27	82.42	77.22	72.93	69.42	66.82	66.04	66.30
122.5	95.55	95.94	96.98	91.78	87.10	83.20	79.95	77.48	76.44	77.48
125.0	104.52	105.30	106.47	101.53	97.37	93.99	91.52	90.35	90.22	91.13
127.5	113.49	114.01	115.31	111.41	108.16	105.69	104.13	103.48	104.00	105.43
130.0	123.24	123.89	125.06	121.94	119.47	117.78	116.74	116.74	117.52	119.60
132.5	133.25	133.77	134.81	132.47	130.78	129.87	129.48	130.00	131.43	133.64
135.0	144.17	144.56	145.47	143.91	142.74	142.22	142.35	143.26	144.82	147.29
137.5	154.57	154.83	155.61	154.57	154.05	153.92	154.44	155.35	156.78	158.86
140.0	164.71	165.10	165.62	164.97	164.58	164.58	165.10	165.88	167.05	168.48
142.5	174.59	174.85	175.37	174.72	174.46	174.59	174.85	175.50	176.41	177.58
145.0	184.21	184.47	184.99	184.47	184.08	184.08	184.21	184.73	185.51	186.55
147.5	193.83	194.09	194.61	193.96	193.70	193.57	193.70	194.22	194.87	195.91
150.0	203.58	203.71	204.23	203.71	203.45	203.32	203.58	204.10	204.88	205.92
152.5	213.72	213.85	214.24	213.85	213.72	213.72	213.98	214.63	215.54	216.71
155.0	225.03	225.16	225.55	225.16	225.03	225.16	225.55	226.33	227.24	228.28
157.5	237.25	237.38	237.77	237.51	237.38	237.51	238.03	238.68	239.46	240.63
160.0	250.64	250.77	251.03	250.77	250.77	251.03	251.42	252.07	252.98	254.15
162.5	265.85	265.98	266.24	265.98	265.98	266.24	266.63	267.28	268.19	269.23
165.0	283.01	283.01	283.27	283.01	283.01	283.27	283.66	284.31	285.09	286.13
167.5	301.99	301.99	302.25	301.99	301.99	302.25	302.64	303.16	303.94	304.85
170.0	322.79	322.79	323.05	322.92	322.92	323.05	323.31	323.83	324.61	325.39
172.5	346.06	346.19	346.32	346.19	346.19	346.32	346.58	346.97	347.49	348.27
175.0	372.06	372.19	372.32	372.19	372.19	372.32	372.45	372.71	373.10	373.62
177.5	400.27	400.27	400.40	400.27	400.27	400.40	400.40	400.66	400.79	401.05
180.0	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

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

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>200.0</u></b>	<b><u>202.5</u></b>	<b><u>205.0</u></b>	<b><u>207.5</u></b>	<b><u>210.0</u></b>	<b><u>212.5</u></b>	<b><u>215.0</u></b>	<b><u>217.5</u></b>	<b><u>220.0</u></b>	<b><u>222.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	401.44	401.83	402.22	402.74	403.39	403.91	404.56	405.34	406.12	406.90
<b>5.0</b>	374.27	374.92	375.83	376.61	377.65	378.69	379.99	381.16	382.59	384.02
<b>7.5</b>	349.18	350.09	351.26	352.56	353.86	355.42	357.11	358.80	360.62	362.70
<b>10.0</b>	326.43	327.73	329.03	330.59	332.28	333.97	335.92	338.13	340.34	342.81
<b>12.5</b>	306.02	307.45	308.88	310.70	312.52	314.60	316.81	319.28	322.14	325.00
<b>15.0</b>	287.43	288.99	290.55	292.50	294.58	296.79	299.39	302.25	305.24	308.49
<b>17.5</b>	270.66	272.22	273.91	275.86	278.59	280.54	283.40	286.52	289.77	293.15
<b>20.0</b>	255.45	257.14	258.83	260.78	263.25	265.98	268.84	272.09	275.34	279.11
<b>22.5</b>	241.93	243.49	245.31	247.39	249.86	252.59	255.58	258.70	262.34	266.24
<b>25.0</b>	229.71	231.27	233.09	235.30	237.77	240.37	243.36	246.74	250.51	254.41
<b>27.5</b>	218.14	219.83	221.78	223.99	226.46	229.19	232.31	235.82	239.46	243.36
<b>30.0</b>	207.22	208.78	210.86	213.20	215.93	218.92	222.17	225.55	229.32	233.48
<b>32.5</b>	197.21	198.77	200.72	203.06	205.53	208.52	212.16	215.93	219.83	222.82
<b>35.0</b>	187.72	189.41	191.36	193.57	196.17	199.16	202.41	205.40	208.00	210.86
<b>37.5</b>	179.14	180.70	182.52	184.60	187.20	190.19	191.75	193.83	196.30	199.16
<b>40.0</b>	170.17	172.12	174.33	176.67	178.75	179.01	180.18	182.26	184.99	188.11
<b>42.5</b>	160.81	163.15	165.88	167.70	167.31	167.57	168.61	170.43	173.29	176.93
<b>45.0</b>	149.89	153.14	155.87	154.96	154.83	155.22	156.39	158.34	161.20	165.10
<b>47.5</b>	136.89	140.66	140.79	140.92	141.31	141.96	143.26	145.60	148.85	152.88
<b>50.0</b>	122.72	124.02	124.67	125.84	126.88	128.05	129.61	131.95	135.46	140.14
<b>52.5</b>	106.86	107.64	108.94	110.50	112.19	113.88	115.70	118.17	121.68	126.75
<b>55.0</b>	91.91	93.08	94.25	95.94	97.89	99.97	102.05	104.39	108.16	112.84
<b>57.5</b>	78.52	79.82	81.25	82.81	84.63	86.84	88.92	91.26	94.38	99.19
<b>60.0</b>	67.21	68.38	69.68	71.11	72.80	74.62	76.83	79.69	82.94	86.71
<b>62.5</b>	58.76	59.28	60.19	60.97	62.27	64.22	66.95	69.81	72.54	75.79
<b>65.0</b>	51.87	52.52	52.91	53.04	53.95	56.03	58.24	60.97	63.44	65.91
<b>67.5</b>	46.15	46.93	47.19	47.19	47.58	49.01	50.83	52.78	54.99	57.07
<b>70.0</b>	41.47	42.12	41.99	41.86	42.12	42.77	44.20	45.63	47.32	49.01
<b>72.5</b>	36.66	36.79	36.92	36.79	37.18	37.57	38.35	39.26	40.30	41.47
<b>75.0</b>	31.59	31.85	31.98	32.11	32.24	32.63	33.15	33.67	34.06	34.58
<b>77.5</b>	27.04	27.17	27.43	27.30	27.43	27.95	27.82	27.95	28.21	28.60
<b>80.0</b>	22.88	22.88	23.01	22.49	22.23	22.10	22.10	22.23	22.36	22.75
<b>82.5</b>	18.33	17.68	17.29	16.77	16.64	16.51	16.51	16.64	16.77	16.90
<b>85.0</b>	12.22	11.83	11.44	11.18	11.05	10.92	10.92	11.05	11.05	11.18
<b>87.5</b>	6.11	5.85	5.72	5.59	5.46	5.46	5.46	5.59	5.59	5.59
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	6.11	5.85	5.72	5.59	5.46	5.46	5.46	5.59	5.59	5.59
<b>95.0</b>	12.22	11.83	11.44	11.18	10.92	10.92	10.92	11.05	11.05	11.18
<b>97.5</b>	18.33	17.68	17.29	16.77	16.64	16.51	16.51	16.64	16.77	16.90
<b>100.0</b>	22.88	22.88	23.01	22.49	22.23	22.10	22.10	22.23	22.36	22.75
<b>102.5</b>	27.04	27.17	27.43	27.30	27.43	27.82	27.82	27.95	28.21	28.60
<b>105.0</b>	31.59	31.85	31.98	32.11	32.24	32.63	33.02	33.67	34.06	34.58
<b>107.5</b>	36.66	36.79	36.92	36.79	37.18	37.57	38.35	39.26	40.30	41.34
<b>110.0</b>	41.47	42.12	41.99	41.86	42.12	42.77	44.20	45.63	47.32	49.01
<b>112.5</b>	46.15	46.93	47.19	47.19	47.58	49.01	50.83	52.78	54.99	57.07
<b>115.0</b>	51.87	52.52	52.91	53.04	53.95	56.03	58.24	60.84	63.44	65.91
<b>117.5</b>	58.76	59.28	60.19	60.97	62.27	64.22	66.95	69.81	72.54	75.79
<b>120.0</b>	67.21	68.38	69.68	71.11	72.80	74.62	76.83	79.69	82.94	86.71
<b>122.5</b>	78.52	79.82	81.25	82.81	84.63	86.84	88.92	91.26	94.38	99.19
<b>125.0</b>	91.91	93.08	94.25	95.94	97.89	99.97	102.05	104.39	108.03	112.84
<b>127.5</b>	106.86	107.64	108.94	110.50	112.19	113.88	115.70	118.17	121.55	126.75
<b>130.0</b>	122.72	124.02	124.67	125.84	126.88	128.05	129.61	131.95	135.46	140.14

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>132.5</b>	136.89	140.66	140.79	140.92	141.31	141.96	143.26	145.60	148.72	152.88
<b>135.0</b>	149.89	153.14	155.87	154.96	154.83	155.22	156.39	158.34	161.20	165.10
<b>137.5</b>	160.81	163.15	165.88	167.70	167.31	167.57	168.61	170.43	173.29	176.93
<b>140.0</b>	170.17	172.12	174.33	176.67	178.75	179.01	180.18	182.26	184.99	188.11
<b>142.5</b>	179.14	180.70	182.52	184.60	187.20	190.19	191.75	193.83	196.30	199.03
<b>145.0</b>	187.72	189.41	191.36	193.57	196.17	199.16	202.41	205.40	208.00	210.86
<b>147.5</b>	197.21	198.77	200.72	203.06	205.53	208.52	212.03	215.93	219.83	222.82
<b>150.0</b>	207.22	208.78	210.86	213.20	215.93	218.92	222.17	225.55	229.32	233.48
<b>152.5</b>	218.14	219.83	221.78	223.99	226.46	229.19	232.31	235.82	239.46	243.36
<b>155.0</b>	229.71	231.27	233.09	235.30	237.77	240.37	243.36	246.74	250.51	254.41
<b>157.5</b>	241.93	243.49	245.31	247.39	249.86	252.59	255.58	258.70	262.34	266.24
<b>160.0</b>	255.45	257.14	258.83	260.78	263.25	265.98	268.84	271.96	275.34	279.11
<b>162.5</b>	270.66	272.22	273.91	275.86	278.59	280.54	283.40	286.52	289.77	293.15
<b>165.0</b>	287.43	288.99	290.55	292.50	294.58	296.79	299.39	302.25	305.24	308.49
<b>167.5</b>	306.02	307.45	308.88	310.70	312.52	314.60	316.81	319.28	322.14	325.00
<b>170.0</b>	326.43	327.73	329.03	330.59	332.15	333.97	335.92	338.13	340.34	342.81
<b>172.5</b>	349.18	350.09	351.26	352.56	353.86	355.42	357.11	358.80	360.62	362.70
<b>175.0</b>	374.27	374.92	375.83	376.61	377.65	378.69	379.99	381.16	382.59	384.02
<b>177.5</b>	401.44	401.83	402.22	402.74	403.39	403.91	404.56	405.34	406.12	406.90
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>225.0</u></b>	<b><u>227.5</u></b>	<b><u>230.0</u></b>	<b><u>232.5</u></b>	<b><u>235.0</u></b>	<b><u>237.5</u></b>	<b><u>240.0</u></b>	<b><u>242.5</u></b>	<b><u>245.0</u></b>	<b><u>247.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	407.81	408.72	409.63	410.67	411.71	412.75	413.79	414.96	416.13	417.30
<b>5.0</b>	385.45	387.14	388.83	390.52	392.34	394.16	396.11	398.45	400.66	403.13
<b>7.5</b>	364.78	367.64	369.46	372.06	374.79	377.65	380.51	383.50	386.62	389.74
<b>10.0</b>	345.67	348.53	351.65	354.90	358.15	361.53	365.17	369.07	373.10	377.26
<b>12.5</b>	328.12	331.50	334.88	339.04	342.42	346.71	351.13	355.55	360.23	365.04
<b>15.0</b>	312.00	316.03	319.54	323.83	328.25	332.67	337.48	342.81	348.27	353.73
<b>17.5</b>	297.05	301.08	305.37	309.92	314.60	319.80	325.26	330.72	336.57	343.07
<b>20.0</b>	283.27	287.56	291.98	297.05	302.25	307.71	313.43	319.67	326.04	332.80
<b>22.5</b>	270.40	274.69	279.76	284.96	290.42	296.40	302.64	309.01	316.03	323.31
<b>25.0</b>	258.57	263.38	268.32	273.52	279.50	285.61	292.11	299.26	305.50	312.26
<b>27.5</b>	247.91	252.59	257.66	263.38	267.93	273.13	278.85	284.70	291.33	298.09
<b>30.0</b>	237.90	241.80	245.70	249.73	254.54	259.48	265.07	271.31	277.81	284.96
<b>32.5</b>	225.68	229.19	232.83	237.12	241.93	246.87	252.46	258.57	265.07	272.22
<b>35.0</b>	213.85	217.10	220.87	225.03	229.71	234.91	240.50	246.48	253.11	260.13
<b>37.5</b>	202.41	205.79	209.43	213.72	218.40	223.60	229.19	235.30	241.67	248.95
<b>40.0</b>	191.49	195.00	198.90	202.93	207.61	212.68	218.40	224.51	231.01	238.03
<b>42.5</b>	180.70	184.73	188.76	192.79	197.21	202.41	208.00	214.24	220.87	227.76
<b>45.0</b>	169.78	174.33	178.88	183.17	187.72	192.53	198.25	204.49	211.12	218.01
<b>47.5</b>	157.95	163.67	169.00	173.94	178.49	183.30	188.76	194.87	201.76	208.26
<b>50.0</b>	145.73	152.10	158.73	164.84	169.65	174.20	177.84	182.52	187.85	193.44
<b>52.5</b>	132.73	140.01	147.81	153.01	157.04	160.03	163.80	168.35	173.55	179.27
<b>55.0</b>	119.21	125.58	132.08	137.93	142.48	146.25	150.15	154.57	159.77	165.23
<b>57.5</b>	104.65	110.37	116.61	122.59	127.92	132.47	136.50	141.05	146.12	151.58
<b>60.0</b>	91.39	96.59	102.18	108.03	113.75	118.69	122.98	127.79	132.86	138.32
<b>62.5</b>	79.69	83.98	88.79	94.25	99.97	104.78	109.59	114.66	119.86	125.19
<b>65.0</b>	68.90	72.41	76.57	81.25	86.19	91.26	96.33	101.53	106.99	112.32
<b>67.5</b>	59.54	62.27	65.39	69.03	73.32	78.13	83.07	88.66	94.25	99.71
<b>70.0</b>	50.70	52.78	54.99	57.46	61.10	65.39	70.07	75.92	81.90	87.49
<b>72.5</b>	42.64	44.07	45.50	47.84	51.09	55.25	60.06	65.39	70.85	75.79
<b>75.0</b>	35.62	37.05	38.48	40.43	43.16	46.54	50.70	55.25	60.06	64.48
<b>77.5</b>	29.51	30.42	31.72	33.28	35.49	38.35	41.73	45.37	49.53	53.30

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

<b>80.0</b>	23.27	24.05	25.09	26.39	27.95	30.29	33.02	36.01	39.26	42.38
<b>82.5</b>	17.29	17.94	18.72	19.63	20.80	22.49	24.44	26.78	29.38	31.72
<b>85.0</b>	11.44	11.96	12.35	13.00	13.78	14.82	16.25	17.68	19.50	21.06
<b>87.5</b>	5.72	5.98	6.11	6.37	6.89	7.41	8.06	8.84	9.75	10.53
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	5.72	5.98	6.11	6.37	6.89	7.41	8.06	8.84	9.75	10.53
<b>95.0</b>	11.44	11.96	12.35	13.00	13.78	14.82	16.25	17.68	19.50	21.06
<b>97.5</b>	17.29	17.94	18.72	19.63	20.80	22.49	24.44	26.78	29.38	31.72
<b>100.0</b>	23.27	24.05	25.09	26.26	27.95	30.29	33.02	36.01	39.26	42.38
<b>102.5</b>	29.38	30.42	31.72	33.28	35.49	38.35	41.73	45.37	49.53	53.30
<b>105.0</b>	35.62	37.05	38.48	40.43	43.16	46.54	50.70	55.25	60.06	64.48
<b>107.5</b>	42.64	44.07	45.50	47.84	51.09	55.25	60.06	65.39	70.85	75.79
<b>110.0</b>	50.70	52.78	54.99	57.46	61.10	65.39	70.07	75.92	81.90	87.49
<b>112.5</b>	59.54	62.27	65.39	68.77	73.32	78.13	83.07	88.53	94.25	99.71
<b>115.0</b>	68.90	72.41	76.57	81.25	86.19	91.26	96.33	101.53	106.99	112.32
<b>117.5</b>	79.69	83.98	88.79	94.25	99.71	104.78	109.59	114.66	119.86	125.19
<b>120.0</b>	91.39	96.59	102.18	108.03	113.75	118.69	122.98	127.79	132.86	138.32
<b>122.5</b>	104.65	110.37	116.61	122.59	127.92	132.47	136.50	141.05	146.12	151.58
<b>125.0</b>	119.21	125.58	131.82	137.93	142.48	146.25	150.15	154.57	159.77	165.23
<b>127.5</b>	132.73	140.01	147.81	153.01	157.04	160.03	163.80	168.35	173.55	179.27
<b>130.0</b>	145.73	152.10	158.73	164.84	169.65	174.20	177.84	182.52	187.85	193.44
<b>132.5</b>	157.95	163.67	169.00	173.94	178.49	183.30	188.76	194.87	201.76	208.26
<b>135.0</b>	169.78	174.33	178.75	183.17	187.72	192.53	198.25	204.49	211.12	218.01
<b>137.5</b>	180.70	184.73	188.63	192.79	197.21	202.41	208.00	214.24	220.87	227.76
<b>140.0</b>	191.49	195.00	198.90	202.93	207.61	212.68	218.40	224.51	231.01	238.03
<b>142.5</b>	202.41	205.79	209.43	213.72	218.40	223.60	229.19	235.30	241.67	248.95
<b>145.0</b>	213.85	217.10	220.87	225.03	229.71	234.91	240.50	246.48	253.11	260.13
<b>147.5</b>	225.68	229.19	232.83	237.12	241.80	246.87	252.46	258.57	265.07	272.22
<b>150.0</b>	237.90	241.80	245.70	249.73	254.54	259.48	265.07	271.31	277.81	284.96
<b>152.5</b>	247.91	252.59	257.66	263.25	267.93	273.13	278.85	284.70	291.33	298.09
<b>155.0</b>	258.57	263.38	268.32	273.52	279.50	285.61	292.11	299.26	305.50	312.26
<b>157.5</b>	270.40	274.69	279.76	284.96	290.42	296.40	302.64	309.01	316.03	323.31
<b>160.0</b>	283.27	287.56	291.98	297.05	302.25	307.71	313.43	319.67	326.04	332.80
<b>162.5</b>	296.92	301.08	305.37	309.92	314.60	319.80	325.26	330.72	336.57	343.07
<b>165.0</b>	312.00	316.03	319.54	323.83	328.25	332.67	337.48	342.81	348.27	353.73
<b>167.5</b>	328.12	331.50	334.88	339.04	342.42	346.71	351.13	355.55	360.23	365.04
<b>170.0</b>	345.67	348.53	351.65	354.90	358.15	361.53	365.17	369.07	373.10	377.26
<b>172.5</b>	364.78	367.64	369.46	372.06	374.79	377.65	380.51	383.50	386.62	389.74
<b>175.0</b>	385.45	387.14	388.83	390.52	392.34	394.16	396.11	398.45	400.66	403.13
<b>177.5</b>	407.81	408.72	409.63	410.67	411.71	412.75	413.79	414.96	416.13	417.30
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Horizontal Angles**  
**Angles**

	<b>250.0</b>	<b>252.5</b>	<b>255.0</b>	<b>257.5</b>	<b>260.0</b>	<b>262.5</b>	<b>265.0</b>	<b>267.5</b>	<b>270.0</b>	<b>272.5</b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	418.60	419.77	421.07	422.37	423.67	424.97	426.27	427.70	429.00	430.69
<b>5.0</b>	405.47	407.94	410.41	413.01	415.61	418.21	420.81	423.41	426.14	429.52
<b>7.5</b>	393.51	396.50	400.14	403.91	407.81	411.71	415.48	419.51	423.41	428.48
<b>10.0</b>	381.42	385.84	391.04	395.07	400.01	405.08	410.28	415.35	420.55	427.18
<b>12.5</b>	370.37	375.57	381.03	386.49	392.47	398.71	405.08	411.45	417.82	426.01
<b>15.0</b>	360.23	365.69	372.06	378.56	385.97	392.47	399.88	407.42	414.96	424.71
<b>17.5</b>	349.57	356.20	363.48	370.89	378.43	386.36	394.94	403.52	412.23	423.41
<b>20.0</b>	339.95	347.36	355.68	363.35	371.80	381.03	390.00	399.62	409.37	421.98
<b>22.5</b>	330.85	338.91	347.36	356.07	365.43	374.92	385.19	395.85	406.64	420.55
<b>25.0</b>	319.41	326.95	335.14	343.72	352.95	362.44	372.71	383.89	395.33	410.41

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**CANDELA TABULATION - (Cont.)**

27.5	305.63	313.30	321.62	330.46	339.82	349.96	360.36	372.06	383.89	399.88
30.0	292.24	300.30	308.62	317.85	327.21	337.61	348.14	360.23	372.58	389.35
32.5	279.76	287.82	296.27	305.50	315.12	325.52	336.31	348.66	361.27	378.69
35.0	267.93	275.86	284.57	293.67	303.42	313.82	324.87	337.09	349.83	367.90
37.5	256.49	264.55	273.26	282.62	291.98	302.38	313.43	325.52	338.52	357.11
40.0	245.57	253.76	262.21	271.31	281.06	291.20	302.12	314.21	327.21	346.06
42.5	235.30	243.36	252.20	260.78	270.27	280.67	291.20	303.03	315.77	335.01
45.0	225.42	233.35	241.67	250.51	259.87	269.75	280.28	291.85	304.46	323.83
47.5	214.24	221.00	228.28	236.08	244.40	253.50	263.25	274.17	286.39	305.89
50.0	199.29	205.79	212.68	220.09	228.15	236.86	246.22	256.49	268.32	287.95
52.5	184.86	190.97	197.60	204.49	212.16	220.48	229.32	239.07	250.38	269.88
55.0	170.82	176.54	182.78	189.28	196.56	204.23	212.55	221.65	232.31	251.68
57.5	157.04	162.37	168.22	174.46	180.96	188.11	195.78	204.23	214.24	233.48
60.0	143.78	148.85	154.05	159.77	165.75	172.25	179.27	186.94	196.17	215.15
62.5	130.52	135.20	140.14	145.34	150.80	156.52	162.76	169.78	178.23	196.69
65.0	117.52	121.94	126.49	131.17	135.98	141.05	146.51	152.62	160.16	178.23
67.5	104.78	109.07	112.97	117.13	121.29	125.71	130.39	135.46	142.09	159.64
70.0	92.30	96.46	99.97	103.61	107.38	111.54	115.70	120.38	126.36	144.04
72.5	80.21	83.98	87.10	90.48	93.73	97.37	101.14	105.30	110.50	128.44
75.0	68.38	71.76	74.49	77.35	80.21	83.33	86.45	90.09	94.77	113.49
77.5	56.68	59.54	61.88	64.35	66.69	69.29	72.02	75.01	78.91	97.63
80.0	45.11	47.58	49.40	51.35	53.30	55.38	57.59	60.06	63.18	81.64
82.5	33.80	35.49	36.92	38.48	39.91	41.47	43.29	44.98	47.32	65.78
85.0	22.49	23.79	24.70	25.61	26.52	27.69	28.73	29.90	31.59	49.92
87.5	11.18	11.83	12.22	12.74	13.39	13.78	14.30	14.95	15.73	34.06
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.20
92.5	11.18	11.83	11.83	12.48	13.13	13.65	14.30	14.95	15.73	34.06
95.0	22.49	23.79	24.70	25.61	26.13	27.43	28.60	29.90	31.59	49.92
97.5	33.80	35.49	36.92	38.48	39.91	41.08	43.03	44.98	47.32	65.78
100.0	45.11	47.58	49.40	51.35	53.30	54.99	57.46	59.93	63.18	81.64
102.5	56.68	59.54	61.88	64.35	66.69	69.29	71.76	75.01	78.91	97.50
105.0	68.38	71.76	74.49	77.35	80.21	83.33	86.19	89.96	94.77	113.36
107.5	80.21	83.98	87.10	90.48	93.73	97.37	100.75	105.17	110.50	128.31
110.0	92.30	96.46	99.97	103.61	107.38	111.54	115.31	120.25	126.36	143.91
112.5	104.78	109.07	112.97	117.13	121.29	125.71	129.87	135.33	142.09	159.51
115.0	117.52	121.94	126.49	131.17	135.98	141.05	145.99	152.49	160.16	178.10
117.5	130.52	135.20	140.14	145.34	150.80	156.52	162.24	169.52	178.23	196.56
120.0	143.78	148.85	154.05	159.77	165.75	172.25	178.62	186.81	196.17	215.02
122.5	157.04	162.37	168.22	174.46	180.96	188.11	195.13	204.10	214.24	233.35
125.0	170.82	176.54	182.78	189.28	196.56	204.23	212.55	221.39	232.31	251.42
127.5	184.86	190.97	197.60	204.49	212.16	220.48	229.32	238.81	250.38	269.62
130.0	199.29	205.79	212.68	220.09	228.15	236.86	246.22	256.36	268.32	287.69
132.5	214.24	221.00	228.28	236.08	244.40	253.50	263.25	273.91	286.39	305.76
135.0	225.42	233.35	241.67	250.51	259.87	269.75	280.28	291.72	304.46	323.70
137.5	235.30	243.36	252.20	260.78	270.27	280.67	291.20	302.90	315.77	334.88
140.0	245.57	253.76	262.21	271.31	281.06	291.20	302.12	314.08	327.21	345.93
142.5	256.49	264.55	273.26	282.62	291.98	302.38	313.43	325.52	338.52	356.98
145.0	267.93	275.86	284.57	293.67	303.42	313.82	324.87	336.96	349.83	367.77
147.5	279.76	287.82	296.27	305.50	315.12	325.52	335.92	348.53	361.27	378.56
150.0	292.24	300.30	308.62	317.85	327.21	337.61	347.75	360.23	372.58	389.22
152.5	305.63	313.30	321.62	330.46	339.82	349.96	359.97	371.93	383.89	399.75
155.0	319.41	326.95	335.14	343.72	352.95	362.44	372.45	383.89	395.33	410.28
157.5	330.85	338.91	347.36	356.07	365.43	374.92	385.06	395.85	406.64	420.55
160.0	339.95	347.36	355.68	363.35	371.80	381.03	389.87	399.62	409.37	421.98
162.5	349.57	356.20	363.48	370.89	378.43	386.36	394.94	403.52	412.23	423.41
165.0	360.23	365.69	372.06	378.56	385.97	392.47	399.88	407.42	414.96	424.71



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	370.37	375.57	381.03	386.49	392.47	398.71	404.95	411.45	417.82	426.01
<b>170.0</b>	381.42	385.84	391.04	395.07	400.01	405.08	410.15	415.35	420.55	427.18
<b>172.5</b>	393.51	396.50	400.14	403.91	407.81	411.58	415.48	419.51	423.41	428.48
<b>175.0</b>	405.47	407.94	410.41	413.01	415.48	418.08	420.81	423.41	426.14	429.52
<b>177.5</b>	418.60	419.77	420.94	422.24	423.67	424.97	426.27	427.70	429.00	430.69
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert.  
Angles**

**Horizontal Angles**

	<u><b>275.0</b></u>	<u><b>277.5</b></u>	<u><b>280.0</b></u>	<u><b>282.5</b></u>	<u><b>285.0</b></u>	<u><b>287.5</b></u>	<u><b>290.0</b></u>	<u><b>292.5</b></u>	<u><b>295.0</b></u>	<u><b>297.5</b></u>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	432.51	434.20	435.89	437.58	439.27	440.96	442.65	444.34	446.03	447.59
<b>5.0</b>	433.03	436.41	439.79	443.17	446.55	449.93	453.31	456.56	459.81	462.93
<b>7.5</b>	433.55	438.62	443.69	448.76	453.70	458.64	463.84	469.69	475.41	481.00
<b>10.0</b>	433.94	440.57	447.20	453.83	460.72	468.65	476.45	484.12	491.79	499.20
<b>12.5</b>	434.33	442.52	450.71	459.55	469.30	479.05	488.67	498.16	507.91	517.92
<b>15.0</b>	434.46	444.21	454.22	465.92	477.49	489.06	500.63	512.72	524.81	536.64
<b>17.5</b>	434.59	445.90	458.51	472.03	485.29	498.94	513.11	527.15	541.19	555.49
<b>20.0</b>	434.59	447.46	462.54	477.75	492.96	509.08	525.20	541.06	557.96	574.47
<b>22.5</b>	434.59	449.67	466.44	483.21	500.89	518.83	536.77	555.62	574.34	592.93
<b>25.0</b>	425.62	442.91	461.63	480.87	501.41	522.08	543.92	566.15	588.51	610.87
<b>27.5</b>	416.13	435.37	455.39	476.58	498.68	521.43	545.22	569.14	593.45	617.63
<b>30.0</b>	406.38	427.31	448.89	471.77	496.34	520.13	545.35	571.22	597.22	623.48
<b>32.5</b>	396.89	418.99	441.74	466.18	491.53	517.92	544.83	572.26	600.08	628.16
<b>35.0</b>	387.40	410.28	434.59	460.07	487.11	516.10	543.40	572.39	601.90	631.67
<b>37.5</b>	377.52	401.31	426.92	453.44	482.04	511.16	541.19	571.74	604.50	633.88
<b>40.0</b>	367.38	391.95	418.73	446.68	476.06	506.74	537.94	570.05	602.42	635.05
<b>42.5</b>	357.24	382.33	410.15	439.14	469.43	501.41	534.04	567.58	600.86	634.66
<b>45.0</b>	346.71	372.58	401.05	431.08	462.54	495.30	529.23	563.55	598.13	633.10
<b>47.5</b>	329.81	356.85	386.36	418.08	451.49	486.07	521.95	558.22	594.36	632.06
<b>50.0</b>	312.26	340.08	370.37	403.00	437.58	473.46	510.38	547.95	585.78	624.00
<b>52.5</b>	294.58	323.05	354.12	387.53	423.15	460.20	498.16	536.77	575.90	615.55
<b>55.0</b>	276.77	305.76	337.61	371.67	408.07	446.16	485.16	524.94	565.24	606.32
<b>57.5</b>	258.83	288.21	320.58	355.42	392.47	431.47	471.51	512.33	553.80	596.18
<b>60.0</b>	240.63	270.27	303.29	338.78	376.48	416.13	457.08	498.81	541.58	585.26
<b>62.5</b>	222.17	252.20	285.48	321.62	359.97	400.27	441.87	484.64	528.32	573.43
<b>65.0</b>	203.58	233.74	267.41	303.94	342.81	383.76	426.14	469.69	514.41	560.82
<b>67.5</b>	184.86	215.02	248.95	285.74	325.13	366.60	409.63	453.96	499.72	547.17
<b>70.0</b>	169.39	199.81	234.00	270.92	310.57	352.17	395.20	439.66	485.68	533.13
<b>72.5</b>	153.79	184.60	219.05	256.75	296.92	339.17	382.98	428.09	475.15	523.51
<b>75.0</b>	138.19	169.00	203.97	242.06	282.75	325.52	369.85	415.74	463.58	512.85
<b>77.5</b>	122.46	153.40	188.63	227.11	268.19	311.22	356.07	402.48	451.10	501.28
<b>80.0</b>	107.25	137.54	172.90	211.64	253.11	296.53	341.64	388.57	437.71	488.54
<b>82.5</b>	90.87	122.33	158.21	195.91	237.51	281.06	326.56	373.75	423.41	474.63
<b>85.0</b>	74.62	105.56	141.31	180.44	222.30	266.11	311.87	359.71	407.81	459.68
<b>87.5</b>	58.11	88.92	124.28	163.41	205.01	248.56	294.19	341.77	391.95	444.21
<b>90.0</b>	41.86	72.28	107.38	146.25	187.59	231.01	276.51	323.96	374.01	426.27
<b>92.5</b>	58.11	88.79	124.02	163.02	204.36	248.56	294.19	341.77	391.95	444.21
<b>95.0</b>	74.49	105.30	140.79	180.44	222.30	266.11	311.87	359.71	407.81	459.68
<b>97.5</b>	90.74	121.94	158.21	195.91	237.51	281.06	326.56	373.75	423.41	474.63
<b>100.0</b>	106.99	137.02	172.90	211.64	253.11	296.53	341.64	388.57	437.71	488.54
<b>102.5</b>	122.20	153.40	188.63	227.11	268.19	311.22	356.07	402.48	451.10	501.28
<b>105.0</b>	137.80	169.00	203.97	242.06	282.75	325.52	369.85	415.74	463.58	512.85
<b>107.5</b>	153.40	184.60	219.05	256.75	296.92	339.17	382.98	428.09	475.15	523.51
<b>110.0</b>	169.00	199.81	234.00	270.92	310.57	352.17	395.20	439.66	485.68	533.13
<b>112.5</b>	184.34	215.02	248.95	285.74	325.13	366.60	409.63	453.96	499.72	546.91

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>115.0</b>	202.93	233.74	267.41	303.94	342.81	383.76	426.14	469.69	514.41	560.82
<b>117.5</b>	221.52	252.20	285.48	321.62	359.97	400.27	441.87	484.64	528.32	573.43
<b>120.0</b>	239.85	270.27	303.29	338.78	376.48	416.13	457.08	498.81	541.58	585.26
<b>122.5</b>	258.05	288.21	320.58	355.42	392.47	431.47	471.51	512.33	553.80	596.18
<b>125.0</b>	276.77	305.76	337.61	371.67	408.07	446.16	485.16	524.94	565.24	606.32
<b>127.5</b>	294.58	323.05	354.12	387.53	423.15	460.20	498.16	536.77	575.90	615.55
<b>130.0</b>	312.26	340.08	370.37	403.00	437.58	473.46	510.38	547.95	585.78	624.00
<b>132.5</b>	329.81	356.85	386.36	418.08	451.49	486.07	521.95	558.22	594.36	632.06
<b>135.0</b>	346.71	372.58	401.05	431.08	462.54	495.30	529.23	563.55	598.13	633.10
<b>137.5</b>	357.24	382.33	410.15	439.14	469.43	501.41	534.04	567.58	600.86	634.66
<b>140.0</b>	367.38	391.95	418.73	446.68	476.06	506.74	537.94	570.05	602.42	635.05
<b>142.5</b>	377.52	401.31	426.92	453.44	482.04	511.16	541.19	571.74	604.50	633.88
<b>145.0</b>	387.40	410.28	434.59	460.07	487.11	516.10	543.40	572.39	601.90	631.67
<b>147.5</b>	396.50	418.99	441.74	466.18	491.53	517.92	544.83	572.26	600.08	628.16
<b>150.0</b>	405.86	427.31	448.89	471.77	496.34	520.13	545.35	571.22	597.22	623.48
<b>152.5</b>	415.61	435.37	455.39	476.58	498.68	521.43	545.22	569.14	593.45	617.63
<b>155.0</b>	425.23	442.91	461.63	480.87	501.41	522.08	543.92	566.15	588.51	610.74
<b>157.5</b>	434.46	449.67	466.44	483.21	500.89	518.83	536.77	555.62	574.34	592.93
<b>160.0</b>	434.46	447.46	462.54	477.75	492.96	509.08	525.20	541.06	557.96	574.47
<b>162.5</b>	434.59	445.90	458.51	472.03	485.29	498.94	513.11	527.15	541.19	555.49
<b>165.0</b>	434.33	444.21	454.22	465.92	477.49	489.06	500.63	512.72	524.81	536.64
<b>167.5</b>	434.20	442.52	450.71	459.55	469.30	479.05	488.67	498.16	507.91	517.92
<b>170.0</b>	433.81	440.44	447.20	453.83	460.72	468.65	476.45	484.12	491.79	499.20
<b>172.5</b>	433.55	438.49	443.69	448.76	453.70	458.64	463.84	469.69	475.41	481.00
<b>175.0</b>	432.90	436.28	439.66	443.17	446.55	449.93	453.31	456.56	459.81	462.93
<b>177.5</b>	432.38	434.20	435.89	437.58	439.27	440.96	442.65	444.34	446.03	447.59
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert.  
Angles**

**Horizontal Angles**

	<b><u>300.0</u></b>	<b><u>302.5</u></b>	<b><u>305.0</u></b>	<b><u>307.5</u></b>	<b><u>310.0</u></b>	<b><u>312.5</u></b>	<b><u>315.0</u></b>	<b><u>317.5</u></b>	<b><u>320.0</u></b>	<b><u>322.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	449.15	450.71	452.14	453.70	455.13	456.43	457.86	459.16	460.33	461.50
<b>5.0</b>	466.18	469.82	473.33	476.84	480.22	483.47	486.72	489.84	492.70	495.56
<b>7.5</b>	486.59	492.05	497.38	502.58	507.65	512.72	517.79	522.86	527.54	531.96
<b>10.0</b>	507.00	514.41	521.95	529.36	536.64	543.66	550.42	556.92	563.42	569.79
<b>12.5</b>	527.80	537.42	546.91	556.27	565.76	574.99	583.83	592.54	600.86	608.79
<b>15.0</b>	549.64	560.43	572.39	584.09	595.53	606.58	617.63	628.29	638.56	648.57
<b>17.5</b>	569.92	583.96	599.30	611.78	625.30	638.43	651.43	663.91	676.13	687.83
<b>20.0</b>	590.85	607.10	623.09	638.95	654.42	669.63	684.45	698.88	712.92	726.18
<b>22.5</b>	611.39	629.59	647.53	665.34	682.89	700.31	716.56	732.68	748.41	763.36
<b>25.0</b>	631.15	651.43	671.45	693.03	710.32	729.17	747.63	765.18	782.21	798.72
<b>27.5</b>	642.20	666.90	691.47	715.65	736.84	757.12	777.01	798.20	814.32	832.13
<b>30.0</b>	649.87	676.39	702.91	729.30	755.30	781.17	804.70	824.98	844.74	863.33
<b>32.5</b>	656.37	684.58	713.18	740.74	768.56	795.47	822.25	848.25	872.82	892.84
<b>35.0</b>	661.57	691.34	721.11	750.49	779.48	808.21	836.29	864.11	890.89	917.41
<b>37.5</b>	665.34	696.54	727.74	758.42	788.97	819.13	848.77	877.63	905.97	933.27
<b>40.0</b>	667.55	700.31	732.68	764.92	796.90	828.36	859.30	889.20	918.45	946.53
<b>42.5</b>	668.59	702.52	736.45	769.99	803.66	836.03	867.88	899.08	928.98	959.66
<b>45.0</b>	668.20	703.56	738.66	773.63	808.08	841.75	875.03	907.01	938.34	968.37
<b>47.5</b>	666.64	703.17	739.70	775.71	811.33	846.30	880.36	913.90	946.66	977.73
<b>50.0</b>	662.74	701.48	739.18	776.49	813.15	849.42	885.04	919.75	953.55	987.74
<b>52.5</b>	655.72	696.02	735.67	775.06	813.80	853.19	888.55	924.82	961.48	994.63
<b>55.0</b>	647.92	689.39	730.60	772.98	812.63	852.02	891.28	929.37	966.81	1002.69
<b>57.5</b>	640.25	681.98	724.62	767.26	809.51	851.37	892.45	932.88	972.40	1010.88
<b>60.0</b>	629.59	673.79	717.86	762.19	806.39	850.07	893.23	935.61	977.60	1018.55

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>62.5</b>	619.06	664.56	710.84	756.47	802.49	848.12	893.36	938.21	982.54	1025.83
<b>65.0</b>	607.62	654.42	702.00	749.84	797.81	845.52	892.97	940.55	987.22	1033.11
<b>67.5</b>	595.14	643.37	692.64	742.43	792.35	842.27	892.19	942.24	991.38	1039.35
<b>70.0</b>	581.75	631.41	682.37	734.11	785.85	837.98	890.63	943.15	994.63	1045.07
<b>72.5</b>	572.65	622.57	673.92	726.05	778.57	832.65	889.98	942.89	996.97	1049.75
<b>75.0</b>	563.03	614.38	667.03	720.33	774.41	829.66	885.69	941.98	997.75	1053.00
<b>77.5</b>	552.37	604.76	658.58	713.05	768.69	825.50	883.48	940.81	998.14	1054.95
<b>80.0</b>	540.54	593.97	648.70	704.34	761.15	819.39	878.41	937.43	996.32	1054.69
<b>82.5</b>	527.41	581.75	637.26	693.81	751.92	811.20	871.39	931.58	991.77	1051.44
<b>85.0</b>	513.11	567.97	624.26	681.59	740.61	800.93	862.03	923.13	984.49	1045.20
<b>87.5</b>	498.16	553.54	610.35	668.46	728.39	789.49	851.50	913.51	976.04	1037.40
<b>90.0</b>	480.48	536.12	593.06	651.43	711.75	773.24	835.64	898.04	961.09	1022.71
<b>92.5</b>	498.16	553.54	610.35	668.46	728.39	789.49	851.50	913.51	976.04	1037.40
<b>95.0</b>	513.11	567.97	624.26	681.59	740.61	800.93	862.03	923.13	984.49	1045.20
<b>97.5</b>	527.41	581.75	637.26	693.81	751.92	811.20	871.39	931.58	991.77	1051.44
<b>100.0</b>	540.54	593.97	648.70	704.08	761.15	819.39	878.41	937.43	996.32	1054.69
<b>102.5</b>	552.37	604.76	658.58	713.05	768.69	825.50	883.09	940.81	998.14	1054.95
<b>105.0</b>	563.03	614.38	667.03	720.33	774.41	829.53	885.69	941.98	997.75	1053.00
<b>107.5</b>	572.52	622.57	673.92	726.05	778.57	832.65	889.98	942.76	996.97	1049.75
<b>110.0</b>	581.75	631.41	682.37	734.11	785.85	837.98	890.63	943.15	994.63	1045.07
<b>112.5</b>	595.14	643.37	692.64	741.91	792.35	842.27	892.19	942.24	991.38	1039.35
<b>115.0</b>	607.62	654.42	702.00	749.84	797.81	845.52	892.97	940.55	987.22	1032.85
<b>117.5</b>	619.06	664.56	710.32	756.47	802.49	848.12	893.36	938.21	982.54	1025.83
<b>120.0</b>	629.59	673.79	717.86	762.19	806.39	850.07	893.23	935.61	977.60	1018.55
<b>122.5</b>	640.25	681.98	724.62	767.26	809.51	851.37	892.45	932.88	972.40	1010.88
<b>125.0</b>	647.92	689.39	730.60	772.98	811.98	852.02	891.28	929.37	966.55	1002.69
<b>127.5</b>	655.72	696.02	735.67	775.06	813.54	853.19	888.55	924.82	961.22	994.63
<b>130.0</b>	662.74	701.48	739.18	776.49	813.15	849.42	885.04	919.75	953.16	987.74
<b>132.5</b>	666.64	703.17	739.70	775.71	811.33	846.30	880.36	913.90	946.27	977.73
<b>135.0</b>	668.20	703.56	738.66	773.63	807.82	841.75	875.03	907.01	938.34	968.37
<b>137.5</b>	668.59	702.52	736.45	769.99	803.27	836.03	867.88	899.08	928.98	959.66
<b>140.0</b>	667.55	700.31	732.68	764.92	796.90	828.36	859.30	889.20	918.45	946.53
<b>142.5</b>	665.34	696.54	727.74	758.42	788.97	819.13	848.77	876.98	905.97	933.01
<b>145.0</b>	661.57	691.34	721.11	750.49	779.48	808.21	836.29	864.11	890.89	917.41
<b>147.5</b>	656.37	684.58	712.79	740.74	768.56	795.47	822.25	848.25	872.82	892.84
<b>150.0</b>	649.87	676.39	702.91	729.30	755.30	781.17	804.70	824.98	844.74	863.33
<b>152.5</b>	642.20	666.90	691.47	715.52	736.84	757.12	777.01	798.20	814.32	831.87
<b>155.0</b>	631.15	651.43	671.45	693.03	710.32	729.17	747.63	765.18	782.21	798.72
<b>157.5</b>	611.39	629.59	647.53	665.34	682.89	700.31	716.56	732.68	748.15	763.36
<b>160.0</b>	590.85	607.10	623.09	638.95	654.42	669.63	684.45	698.88	712.92	726.18
<b>162.5</b>	569.92	583.96	599.30	611.78	625.30	638.43	651.30	663.91	676.13	687.83
<b>165.0</b>	549.64	560.43	572.39	584.09	595.53	606.58	617.63	628.29	638.56	648.57
<b>167.5</b>	527.80	537.42	546.91	556.14	565.76	574.99	583.83	592.54	600.86	608.79
<b>170.0</b>	507.00	514.41	521.95	529.36	536.64	543.53	550.42	556.92	563.42	569.79
<b>172.5</b>	486.59	492.05	497.38	502.58	507.65	512.72	517.79	522.73	527.54	531.96
<b>175.0</b>	466.18	469.82	473.33	476.84	480.22	483.47	486.72	489.84	492.70	495.56
<b>177.5</b>	449.15	450.71	452.14	453.70	455.13	456.43	457.86	459.16	460.33	461.50
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Angles**      **Horizontal Angles**

	<b><u>325.0</u></b>	<b><u>327.5</u></b>	<b><u>330.0</u></b>	<b><u>332.5</u></b>	<b><u>335.0</u></b>	<b><u>337.5</u></b>	<b><u>340.0</u></b>	<b><u>342.5</u></b>	<b><u>345.0</u></b>	<b><u>347.5</u></b>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	462.67	463.71	464.75	465.66	466.57	467.48	468.13	468.91	470.86	470.99
<b>5.0</b>	498.29	500.76	503.23	505.44	507.65	509.60	511.42	512.98	514.41	515.71
<b>7.5</b>	536.38	540.41	544.31	547.95	551.46	554.58	557.70	560.17	562.51	564.72

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

10.0	575.90	581.62	587.21	592.28	597.09	601.64	605.67	609.44	612.82	615.81
12.5	616.59	624.13	631.28	637.91	644.28	650.13	655.59	660.53	664.95	668.98
15.0	658.06	667.16	675.87	684.06	691.86	699.14	705.90	712.01	717.47	722.41
17.5	699.14	709.93	720.20	729.82	739.05	747.24	755.17	762.32	768.95	774.80
20.0	739.05	751.40	763.10	774.02	784.29	793.78	802.75	810.94	818.48	825.11
22.5	777.53	791.31	804.05	816.40	827.84	838.37	848.25	857.48	865.93	873.47
25.0	814.32	829.01	843.18	856.57	869.31	880.88	891.80	901.81	911.17	919.49
27.5	848.90	864.89	880.10	894.53	908.31	921.05	932.88	943.41	953.42	962.52
30.0	881.27	899.86	914.68	930.02	944.58	958.23	970.32	981.50	991.90	1001.52
32.5	911.95	929.89	947.05	962.65	977.73	991.77	1004.51	1016.08	1026.87	1036.75
35.0	939.90	958.36	976.04	992.29	1007.37	1021.80	1035.19	1047.15	1058.33	1068.60
37.5	961.09	984.10	1001.91	1018.94	1034.54	1049.23	1063.14	1075.62	1087.06	1097.46
40.0	973.57	999.83	1024.66	1043.25	1059.37	1074.45	1088.75	1101.62	1113.32	1123.98
42.5	986.05	1013.35	1039.22	1063.92	1082.51	1097.85	1112.28	1125.67	1137.76	1148.81
45.0	997.62	1025.70	1052.61	1078.09	1102.40	1119.82	1134.77	1149.59	1161.29	1172.73
47.5	1008.28	1037.27	1065.09	1091.61	1116.83	1140.62	1156.87	1171.43	1184.69	1196.52
50.0	1018.16	1048.58	1077.70	1105.39	1131.78	1156.61	1179.10	1194.31	1208.09	1220.57
52.5	1027.91	1059.89	1090.57	1119.82	1147.38	1173.38	1197.82	1217.84	1232.40	1245.14
55.0	1037.79	1071.59	1103.96	1134.77	1163.76	1191.19	1216.67	1240.07	1256.84	1270.23
57.5	1047.93	1083.68	1117.74	1150.24	1180.92	1209.65	1237.21	1260.48	1281.67	1295.71
60.0	1058.07	1095.90	1131.91	1166.23	1198.60	1228.76	1256.32	1281.80	1304.55	1322.10
62.5	1067.69	1107.99	1146.21	1182.61	1216.67	1248.26	1277.51	1304.16	1328.08	1349.66
65.0	1077.05	1119.43	1160.38	1198.99	1234.87	1268.41	1299.09	1327.04	1352.65	1375.66
67.5	1085.89	1130.87	1174.03	1214.72	1253.20	1288.30	1320.54	1350.31	1377.35	1402.05
70.0	1094.21	1143.35	1186.90	1229.93	1270.10	1307.28	1341.47	1372.67	1401.40	1426.75
72.5	1101.49	1151.41	1198.86	1243.84	1285.70	1324.70	1360.58	1393.47	1422.98	1449.24
75.0	1107.47	1159.47	1209.13	1255.80	1299.48	1340.30	1377.87	1411.54	1441.96	1469.00
77.5	1111.24	1165.97	1217.32	1265.94	1311.44	1353.56	1392.04	1427.01	1458.21	1485.12
80.0	1112.15	1167.92	1221.48	1272.31	1320.28	1363.96	1403.61	1440.79	1470.95	1497.34
82.5	1110.20	1167.27	1222.00	1274.13	1323.27	1368.77	1410.50	1447.81	1479.79	1506.57
85.0	1105.13	1163.24	1219.40	1272.44	1322.62	1369.16	1411.67	1450.15	1483.69	1511.51
87.5	1098.50	1157.65	1214.85	1266.72	1317.94	1365.26	1408.81	1447.94	1482.26	1511.25
90.0	1084.46	1144.13	1202.11	1256.71	1308.71	1356.81	1401.14	1440.79	1476.15	1506.44
92.5	1098.50	1157.65	1214.85	1266.72	1317.94	1365.26	1408.81	1447.94	1482.26	1511.25
95.0	1105.13	1163.24	1219.27	1272.44	1322.62	1369.16	1411.67	1450.15	1483.69	1511.51
97.5	1110.20	1167.27	1222.00	1274.13	1323.27	1368.77	1410.50	1447.81	1479.79	1506.57
100.0	1112.15	1167.92	1221.48	1272.31	1320.28	1363.96	1403.61	1440.79	1470.95	1497.34
102.5	1111.24	1165.71	1217.32	1265.94	1311.44	1353.43	1392.04	1427.01	1458.21	1485.12
105.0	1107.34	1159.47	1209.13	1255.80	1299.48	1340.30	1377.87	1411.54	1441.96	1469.00
107.5	1101.49	1151.41	1198.86	1243.84	1285.70	1324.70	1360.58	1393.47	1422.98	1449.24
110.0	1094.21	1143.35	1186.90	1229.93	1270.10	1307.28	1341.47	1372.67	1401.40	1426.75
112.5	1085.89	1130.87	1174.03	1214.72	1253.20	1288.30	1320.54	1350.31	1377.35	1401.92
115.0	1077.05	1119.43	1160.38	1198.99	1234.87	1268.41	1299.09	1327.04	1352.65	1375.66
117.5	1067.69	1107.99	1146.21	1182.61	1216.67	1248.26	1277.51	1304.03	1328.08	1349.53
120.0	1058.07	1095.90	1131.91	1166.23	1198.60	1228.76	1256.32	1281.80	1304.55	1322.10
122.5	1047.93	1083.68	1117.74	1150.24	1180.92	1209.65	1237.21	1260.48	1281.67	1295.71
125.0	1037.79	1071.59	1103.96	1134.77	1163.76	1191.19	1216.67	1240.07	1256.84	1270.23
127.5	1027.91	1059.89	1090.57	1119.82	1147.38	1173.38	1197.82	1217.84	1232.40	1245.14
130.0	1018.16	1048.58	1077.70	1105.39	1131.78	1156.61	1179.10	1194.31	1208.09	1220.57
132.5	1008.28	1037.27	1065.09	1091.61	1116.83	1140.62	1156.87	1171.43	1184.69	1196.52
135.0	997.62	1025.70	1052.61	1078.09	1102.40	1119.82	1134.77	1149.59	1161.29	1172.73
137.5	986.05	1013.35	1039.22	1063.92	1082.51	1097.85	1112.02	1125.67	1137.76	1148.81
140.0	973.57	999.83	1024.66	1043.25	1059.37	1074.45	1088.75	1101.62	1113.32	1123.98
142.5	961.09	983.84	1001.91	1018.94	1034.54	1049.23	1063.14	1075.62	1087.06	1097.46
145.0	939.90	958.36	976.04	992.29	1007.37	1021.80	1035.19	1047.15	1058.33	1068.60
147.5	911.69	929.89	947.05	962.65	977.60	991.77	1004.51	1016.08	1026.87	1036.75

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>150.0</b>	881.27	899.86	914.68	929.76	944.58	958.23	970.32	981.50	991.90	1001.52
<b>152.5</b>	848.90	864.89	880.10	894.53	908.05	921.05	932.62	943.41	953.42	962.52
<b>155.0</b>	814.32	829.01	843.18	856.57	869.31	880.88	891.80	901.81	911.17	919.49
<b>157.5</b>	777.53	791.18	804.05	816.40	827.58	838.37	848.25	857.48	865.93	873.47
<b>160.0</b>	739.05	751.40	763.10	774.02	784.29	793.78	802.75	810.94	818.48	825.11
<b>162.5</b>	699.14	709.93	720.20	729.82	738.79	747.24	755.17	762.32	768.95	774.80
<b>165.0</b>	658.06	667.16	675.87	684.06	691.86	699.14	705.90	712.01	717.47	722.41
<b>167.5</b>	616.59	624.13	631.28	637.91	644.28	650.13	655.59	660.53	664.95	668.98
<b>170.0</b>	575.90	581.62	587.21	592.28	597.09	601.64	605.67	609.44	612.82	615.81
<b>172.5</b>	536.38	540.41	544.31	547.95	551.46	554.58	557.57	560.17	562.51	564.72
<b>175.0</b>	498.29	500.76	503.23	505.44	507.65	509.60	511.42	512.98	514.41	515.71
<b>177.5</b>	462.67	463.71	464.75	465.66	466.57	467.48	468.13	468.91	470.86	470.99
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60	431.60

**Vert. Angles**      **Horizontal Angles**

	<u><b>350.0</b></u>	<u><b>352.5</b></u>	<u><b>355.0</b></u>	<u><b>357.5</b></u>	<u><b>360.0</b></u>
<b>0.0</b>	431.73	431.73	431.73	431.73	431.73
<b>2.5</b>	471.12	471.25	471.38	471.51	471.64
<b>5.0</b>	518.31	518.70	518.96	519.35	519.61
<b>7.5</b>	566.54	569.40	569.92	570.44	570.96
<b>10.0</b>	618.41	622.44	623.22	624.00	624.78
<b>12.5</b>	672.36	675.35	678.86	680.03	681.07
<b>15.0</b>	726.83	730.60	735.02	736.45	738.01
<b>17.5</b>	780.00	784.42	789.75	791.70	793.52
<b>20.0</b>	831.09	836.29	842.27	844.61	846.82
<b>22.5</b>	880.23	886.21	893.10	895.83	898.56
<b>25.0</b>	927.03	933.66	939.38	944.71	947.96
<b>27.5</b>	970.58	977.73	984.23	989.69	993.46
<b>30.0</b>	1010.10	1017.64	1024.40	1030.51	1034.67
<b>32.5</b>	1045.72	1053.78	1060.80	1067.43	1071.98
<b>35.0</b>	1077.96	1086.28	1093.69	1100.58	1105.52
<b>37.5</b>	1107.34	1115.66	1123.20	1130.35	1135.42
<b>40.0</b>	1133.73	1142.44	1150.24	1157.52	1162.72
<b>42.5</b>	1158.82	1167.79	1175.72	1183.13	1188.33
<b>45.0</b>	1183.00	1192.23	1200.16	1207.57	1212.77
<b>47.5</b>	1207.05	1216.28	1224.34	1231.62	1236.56
<b>50.0</b>	1231.49	1240.85	1248.78	1255.93	1260.48
<b>52.5</b>	1256.32	1265.94	1273.87	1281.02	1285.18
<b>55.0</b>	1281.80	1291.55	1299.61	1306.63	1310.40
<b>57.5</b>	1307.93	1318.20	1326.39	1333.41	1336.79
<b>60.0</b>	1335.23	1346.02	1354.73	1362.14	1365.00
<b>62.5</b>	1363.96	1375.66	1384.89	1391.39	1395.16
<b>65.0</b>	1393.86	1406.47	1416.09	1422.72	1426.36
<b>67.5</b>	1423.37	1436.76	1446.90	1453.53	1457.04
<b>70.0</b>	1449.24	1465.36	1475.50	1482.26	1485.64
<b>72.5</b>	1473.29	1490.97	1501.11	1507.87	1510.99
<b>75.0</b>	1491.88	1510.99	1523.34	1529.71	1532.44
<b>77.5</b>	1507.61	1526.85	1541.15	1547.00	1549.47
<b>80.0</b>	1518.92	1537.90	1551.68	1559.22	1562.21
<b>82.5</b>	1528.15	1543.23	1556.75	1566.76	1569.75
<b>85.0</b>	1532.83	1547.91	1556.36	1567.67	1571.96
<b>87.5</b>	1534.13	1550.77	1560.26	1560.00	1569.23
<b>90.0</b>	1531.01	1549.73	1562.60	1569.88	1565.85
<b>92.5</b>	1534.13	1550.77	1560.26	1560.00	1569.23
<b>95.0</b>	1532.83	1547.91	1556.36	1567.67	1571.96

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	1528.15	1543.23	1556.75	1566.76	1569.75
<b>100.0</b>	1518.92	1537.90	1551.68	1559.22	1562.21
<b>102.5</b>	1507.61	1526.85	1541.15	1547.00	1549.47
<b>105.0</b>	1491.88	1510.99	1523.34	1529.71	1532.44
<b>107.5</b>	1473.29	1490.97	1501.11	1507.87	1510.99
<b>110.0</b>	1449.24	1465.36	1475.50	1482.26	1485.64
<b>112.5</b>	1423.37	1436.76	1446.90	1453.53	1457.04
<b>115.0</b>	1393.86	1406.47	1416.09	1422.72	1426.36
<b>117.5</b>	1363.96	1375.66	1384.89	1391.39	1395.16
<b>120.0</b>	1335.23	1346.02	1354.73	1362.14	1365.00
<b>122.5</b>	1307.93	1318.20	1326.39	1333.41	1336.79
<b>125.0</b>	1281.80	1291.55	1299.61	1306.63	1310.40
<b>127.5</b>	1256.32	1265.94	1273.87	1281.02	1285.18
<b>130.0</b>	1231.49	1240.85	1248.78	1255.93	1260.48
<b>132.5</b>	1207.05	1216.28	1224.34	1231.62	1236.56
<b>135.0</b>	1183.00	1192.10	1200.16	1207.57	1212.77
<b>137.5</b>	1158.82	1167.79	1175.72	1183.13	1188.33
<b>140.0</b>	1133.73	1142.44	1150.24	1157.52	1162.72
<b>142.5</b>	1107.08	1115.66	1123.20	1130.35	1135.42
<b>145.0</b>	1077.96	1086.28	1093.69	1100.58	1105.52
<b>147.5</b>	1045.72	1053.78	1060.80	1067.43	1071.98
<b>150.0</b>	1010.10	1017.64	1024.40	1030.51	1034.67
<b>152.5</b>	970.58	977.73	983.97	989.69	993.46
<b>155.0</b>	927.03	933.66	939.38	944.71	947.96
<b>157.5</b>	880.23	886.21	893.10	895.83	898.56
<b>160.0</b>	831.09	836.29	842.27	844.61	846.82
<b>162.5</b>	780.00	784.42	789.75	791.70	793.52
<b>165.0</b>	726.83	730.60	735.02	736.45	738.01
<b>167.5</b>	672.36	675.35	678.86	680.03	681.07
<b>170.0</b>	618.41	622.44	623.22	624.00	624.78
<b>172.5</b>	566.54	569.40	569.92	570.44	570.96
<b>175.0</b>	518.31	518.70	518.96	519.35	519.61
<b>177.5</b>	471.12	471.25	471.38	471.51	471.64
<b>180.0</b>	431.60	431.60	431.60	431.60	431.60

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	173.74	N.A.	2.90
0-30	402.97	N.A.	6.80
0-40	722.60	N.A.	12.20
0-60	1554.15	N.A.	26.20
0-80	2502.47	N.A.	42.10
0-90	2971.46	N.A.	50.00
10-90	2929.5	N.A.	49.30
20-40	548.87	N.A.	9.20
20-50	941.03	N.A.	15.80
40-70	1299.13	N.A.	21.90
60-80	948.32	N.A.	16.00
70-80	480.73	N.A.	8.10
80-90	468.99	N.A.	7.90
90-110	949.73	N.A.	16.00
90-120	1417.32	N.A.	23.80
90-130	1856.7	N.A.	31.20
90-150	2568.49	N.A.	43.20
90-180	2971.46	N.A.	50.00
110-180	2021.74	N.A.	34.00
0-180	5942.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	41.97
10-20	131.77
20-30	229.23
30-40	319.63
40-50	392.16
50-60	439.38
60-70	467.59
70-80	480.73
80-90	468.99
90-100	468.99
100-110	480.73
110-120	467.59
120-130	439.38
130-140	392.16
140-150	319.63
150-160	229.23
160-170	131.77
170-180	41.97

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-HO-SAL.IES**

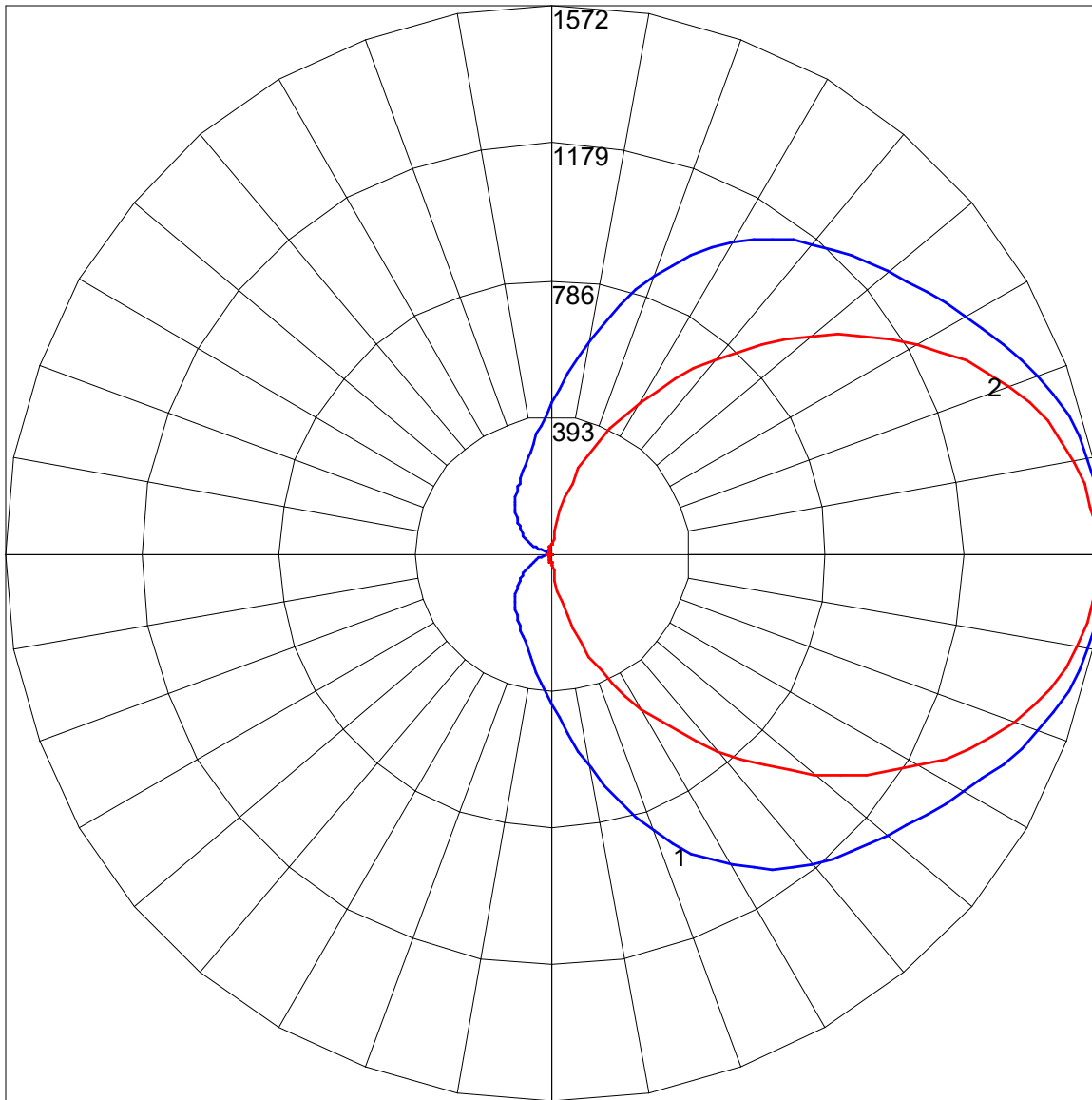
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	94	88	83	78	86	81	76	72	67	64	60	55	52	50	43	42	40	34
2	84	75	67	61	77	68	62	56	57	52	47	46	42	39	36	33	31	26
3	76	64	56	49	69	59	51	45	49	43	38	40	35	31	31	27	24	20
4	69	56	47	40	63	52	43	37	43	36	31	35	30	26	27	23	20	16
5	63	50	40	34	57	46	37	31	38	31	26	31	26	22	24	20	17	13
6	58	44	35	29	52	41	32	27	34	27	22	27	22	18	21	17	14	11
7	53	40	31	25	48	36	29	23	30	24	19	25	20	16	19	15	13	10
8	49	36	27	22	45	33	25	20	27	21	17	22	18	14	18	14	11	8
9	46	32	24	19	42	30	23	18	25	19	15	20	16	12	16	12	10	7
10	43	30	22	17	39	27	20	16	23	17	13	19	14	11	15	11	9	7



POLAR GRAPH



Maximum Candela = 1571.96 Located At Horizontal Angle = 0, Vertical Angle = 85  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (85) (Through Max. Cd.)