

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P936082

Luminaire Tested: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

Issue Date: 12/17/2024

**Test Information**

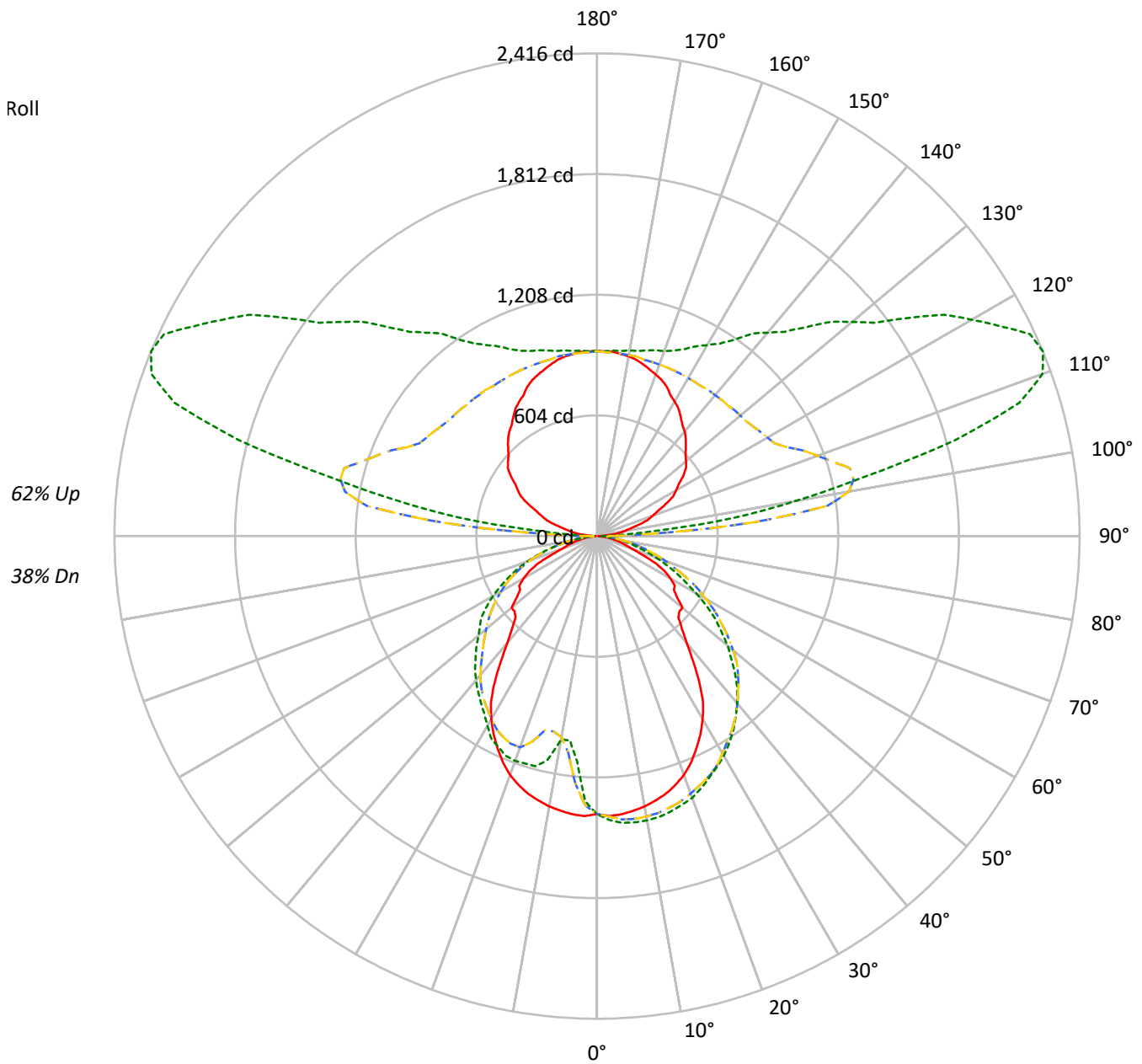
Test Method: LM-79-2019  
Report Number: P936082  
REPORT IS A COMBINATION OF REPORTS P933778 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9610.4 lumens  
Efficiency: N/A  
Efficacy: 132.7 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 72.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P936082  
CATALOG NUMBER: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				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
RCR																		
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45	38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18	15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14	12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	12906	12906	12906	12906
5°	12990	13029	12990	10244
10°	12889	12834	12889	9176
15°	12733	12556	12733	10484
20°	12452	12227	12452	10506
25°	11894	11747	11894	10284
30°	11176	11348	11176	9795
35°	9947	10843	9947	9258
40°	8275	10249	8275	8852
45°	7380	9554	7380	8385
50°	7822	8725	7822	7917
55°	7338	7832	7338	7646
60°	7537	6651	7537	7003
65°	6802	5498	6802	6146
70°	4679	4382	4679	5152
75°	4056	3239	4056	3879
80°	3201	2141	3201	2332
85°	1739	1133	1739	963

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11331 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	125.6	1.3
10°-20°	356.5	3.7
20°-30°	551.1	5.7
30°-40°	657.9	6.8
40°-50°	661.7	6.9
50°-60°	575.8	6.0
60°-70°	408.2	4.2
70°-80°	216.0	2.2
80°-90°	57.3	0.6
90°-100°	451.2	4.7
100°-110°	1186.2	12.3
110°-120°	1230.0	12.8
120°-130°	986.6	10.3
130°-140°	774.1	8.1
140°-150°	594.2	6.2
150°-160°	427.9	4.5
160°-170°	261.8	2.7
170°-180°	88.5	0.9
0°-30°	1033.1	10.8
0°-40°	1691.0	17.6
0°-60°	2928.5	30.5
0°-90°	3610.1	37.6
90°-120°	2867.4	29.8
90°-150°	5222.2	54.3
90°-180°	6000.0	62.4
0°-180°	9610.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1391	1391	1391	1391	1391	
5°	1398	1441	1398	1133	1398	133
15°	1334	1428	1334	1192	1334	375
25°	1175	1332	1175	1166	1175	540
35°	894	1188	894	1015	894	553
45°	576	979	576	859	576	462
55°	470	722	470	705	470	432
65°	326	436	326	487	326	312
75°	124	207	124	247	124	130
85°	21	53	21	45	21	28
90°	6	24	6	24	6	6
95°	60	273	60	273	60	66
105°	214	1857	214	1857	214	227
115°	380	2392	380	2392	380	375
125°	528	1905	528	1905	528	469
135°	629	1478	629	1478	629	487
145°	730	1199	730	1199	730	457
155°	825	1032	825	1032	825	379
165°	890	962	890	962	890	251
175°	926	932	926	932	926	88
180°	926	926	926	926	926	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9
2.5°	1402.8	1402.8	1410.7	1413.3	1413.3	1409.3	1405.5	1409.3	1421.2	1425.2	1423.9
5°	1397.6	1408.0	1422.6	1425.2	1427.8	1426.5	1423.9	1426.5	1439.6	1442.3	1443.6
7.5°	1387.0	1406.8	1425.2	1429.2	1433.0	1429.2	1427.8	1430.5	1443.6	1446.2	1446.2
10°	1373.9	1401.5	1422.6	1425.2	1429.2	1425.2	1425.2	1430.5	1443.6	1446.2	1447.6
12.5°	1355.5	1393.6	1413.3	1416.0	1421.2	1419.9	1418.6	1423.9	1437.0	1439.6	1439.6
15°	1334.3	1379.2	1397.6	1400.2	1409.3	1406.8	1406.8	1412.0	1426.5	1430.5	1429.2
17.5°	1305.5	1360.7	1381.8	1385.7	1392.3	1390.9	1392.3	1397.6	1410.7	1413.3	1414.6
20°	1272.5	1335.7	1360.7	1364.6	1371.2	1371.2	1371.2	1377.8	1390.9	1396.2	1396.2
22.5°	1227.8	1309.3	1335.7	1338.3	1346.2	1346.2	1348.9	1358.0	1369.9	1371.2	1371.2
25°	1175.2	1280.5	1302.8	1310.7	1318.6	1322.5	1326.5	1331.8	1335.7	1334.3	1335.7
27.5°	1119.9	1243.6	1272.5	1277.8	1288.3	1292.3	1297.5	1298.9	1300.2	1304.1	1301.5
30°	1058.1	1192.2	1235.6	1240.9	1258.0	1260.6	1255.5	1258.0	1264.6	1267.3	1269.9
32.5°	988.2	1115.9	1197.5	1209.3	1225.2	1217.2	1215.9	1219.9	1230.5	1230.5	1233.0
35°	893.5	1056.8	1162.0	1172.5	1184.3	1175.2	1180.4	1181.8	1188.3	1192.2	1190.9
37.5°	789.5	1005.4	1125.2	1133.0	1142.2	1130.4	1138.3	1142.2	1147.5	1144.9	1144.9
40°	697.5	925.1	1081.8	1086.9	1094.9	1085.6	1093.5	1096.2	1098.8	1096.2	1094.9
42.5°	629.1	836.9	1035.6	1042.2	1036.9	1043.5	1046.2	1051.5	1047.5	1042.2	1042.2
45°	576.4	813.2	985.6	993.5	985.6	996.2	1000.1	1000.1	988.2	985.6	984.3
47.5°	559.3	765.9	935.6	935.6	931.7	944.8	951.5	942.2	930.4	926.5	926.5
50°	558.0	713.2	867.2	861.9	880.4	896.2	889.6	880.4	871.2	856.7	856.7
52.5°	506.7	648.8	779.1	798.8	827.8	836.9	826.4	817.2	801.4	794.8	789.5
55°	469.8	581.7	698.8	738.2	768.5	780.4	760.6	751.4	727.7	723.8	721.1
57.5°	461.9	484.3	625.1	675.1	711.9	710.6	698.8	681.7	661.9	658.0	656.7
60°	423.7	350.0	546.1	605.4	643.5	639.5	629.1	613.2	594.8	592.2	589.5
62.5°	384.3	254.0	456.7	523.8	577.7	576.4	567.2	543.5	530.4	523.8	518.5
65°	326.4	213.1	325.0	435.6	513.2	515.8	496.1	479.0	464.5	456.7	455.3
67.5°	248.7	173.7	219.7	363.2	451.4	448.7	423.7	415.8	397.4	393.4	385.6
70°	184.3	115.8	152.7	294.8	390.8	384.3	364.5	355.3	338.2	329.0	323.7
72.5°	152.7	93.4	111.9	229.0	329.0	321.1	304.0	293.4	279.0	271.1	265.8
75°	123.7	98.7	85.6	169.7	267.1	261.8	246.1	235.6	223.7	213.1	214.5
77.5°	90.8	92.1	68.4	125.0	211.8	204.0	194.7	181.6	176.3	165.8	165.8
80°	68.4	72.4	51.3	85.6	152.7	152.7	144.7	135.6	126.3	121.1	121.1
82.5°	46.0	46.0	38.1	54.0	104.0	100.0	94.7	92.1	86.9	84.3	84.3
85°	21.0	26.3	23.7	32.9	56.6	59.3	59.3	56.6	55.3	52.6	54.0
87.5°	6.6	11.9	14.4	18.4	29.0	30.3	31.6	31.6	31.6	32.9	32.9
90°	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5	23.6	23.6
92.5°	24.8	67.0	109.4	119.9	168.5	233.4	265.8	233.0	167.3	118.0	113.3
95°	59.7	137.0	214.2	233.6	414.7	656.4	777.2	693.5	526.2	400.7	386.4
97.5°	103.1	171.3	239.5	256.6	558.7	961.5	1162.9	1110.0	1004.3	925.0	897.9
100°	136.7	198.5	260.4	275.8	611.0	1058.1	1281.6	1285.4	1293.2	1299.0	1266.7
102.5°	165.2	223.0	280.7	295.1	635.1	1088.4	1315.1	1382.4	1517.2	1618.3	1590.7
105°	213.7	262.6	311.4	323.7	652.9	1091.8	1311.3	1462.3	1764.4	1991.0	1976.2
107.5°	263.4	309.0	354.6	365.9	656.3	1043.3	1236.8	1447.5	1868.8	2184.8	2188.4
110°	296.9	338.0	379.3	389.5	651.3	1000.2	1174.7	1410.2	1881.2	2234.5	2250.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	329.9	369.1	408.4	418.1	651.5	962.6	1118.2	1359.2	1841.3	2202.9	2226.6
115°	379.6	415.7	451.9	460.9	657.5	919.5	1050.5	1282.6	1747.1	2095.4	2128.4
117.5°	428.7	461.5	494.4	502.6	669.7	892.5	1003.9	1213.4	1632.5	1946.9	1983.4
120°	457.2	488.1	519.0	526.8	679.6	883.4	985.2	1176.7	1559.6	1846.9	1882.3
122.5°	485.2	516.3	547.6	555.4	693.9	878.7	971.0	1143.4	1488.2	1746.9	1781.8
125°	528.1	556.5	585.0	592.0	713.1	874.7	955.5	1101.9	1394.8	1614.5	1646.8
127.5°	562.8	591.5	620.2	627.4	732.4	872.4	942.4	1068.2	1319.7	1508.3	1535.5
130°	581.5	612.3	643.2	651.0	746.5	873.8	937.4	1049.4	1273.3	1441.2	1466.3
132.5°	600.7	631.7	662.5	670.3	757.9	874.7	933.1	1033.3	1233.7	1384.0	1406.6
135°	629.3	657.5	685.5	692.6	770.3	873.8	925.6	1009.5	1177.4	1303.3	1322.7
137.5°	658.5	686.3	714.2	721.2	788.9	879.3	924.4	995.3	1137.2	1243.7	1259.5
140°	682.8	708.5	734.2	740.5	800.4	880.2	920.0	981.3	1103.9	1195.8	1210.6
142.5°	701.4	725.1	748.8	754.8	809.8	883.3	920.0	973.9	1081.6	1162.3	1175.1
145°	730.0	750.7	771.3	776.5	822.3	883.4	913.8	957.9	1045.9	1111.9	1121.6
147.5°	758.5	778.7	798.8	803.9	840.5	889.4	913.8	948.5	1017.7	1069.7	1077.7
150°	777.2	795.4	813.5	818.1	850.0	892.5	913.8	943.1	1001.6	1045.5	1052.0
152.5°	796.4	810.2	824.0	827.5	856.3	894.6	913.8	938.8	988.8	1026.3	1031.2
155°	825.0	835.2	845.4	848.0	869.9	899.2	913.8	933.8	973.5	1003.3	1006.6
157.5°	846.1	856.1	865.9	868.4	883.6	903.8	913.8	929.3	960.1	983.4	985.6
160°	860.3	868.1	875.9	877.8	889.8	905.9	913.8	927.1	953.6	973.4	974.7
162.5°	874.7	880.5	886.2	887.7	896.4	908.1	913.8	925.0	947.4	964.1	965.3
165°	890.2	895.4	900.7	902.0	906.0	911.2	913.8	921.8	937.8	949.8	951.1
167.5°	904.5	907.0	909.4	910.0	913.3	917.8	920.0	925.3	935.7	943.6	944.2
170°	913.8	916.3	918.8	919.4	919.6	919.9	920.0	925.3	935.7	943.6	943.6
172.5°	918.8	919.3	919.9	920.0	920.0	920.0	920.0	924.2	932.5	938.6	938.1
175°	925.6	925.6	925.6	925.6	923.7	921.2	920.0	922.6	927.9	931.9	931.9
177.5°	925.6	925.6	925.6	925.6	924.2	922.3	921.3	923.4	927.5	930.6	930.0
180°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9
2.5°	1426.5	1422.6	1426.5	1423.9	1425.2	1421.2	1409.3	1405.5	1409.3	1413.3	1413.3
5°	1443.6	1441.0	1443.6	1443.6	1442.3	1439.6	1426.5	1423.9	1426.5	1427.8	1425.2
7.5°	1448.9	1444.9	1448.9	1446.2	1446.2	1443.6	1430.5	1427.8	1429.2	1433.0	1429.2
10°	1448.9	1444.9	1448.9	1447.6	1446.2	1443.6	1430.5	1425.2	1425.2	1429.2	1425.2
12.5°	1442.3	1439.6	1442.3	1439.6	1439.6	1437.0	1423.9	1418.6	1419.9	1421.2	1416.0
15°	1431.8	1427.8	1431.8	1429.2	1430.5	1426.5	1412.0	1406.8	1406.8	1409.3	1400.2
17.5°	1416.0	1410.7	1416.0	1414.6	1413.3	1410.7	1397.6	1392.3	1390.9	1392.3	1385.7
20°	1397.6	1393.6	1397.6	1396.2	1396.2	1390.9	1377.8	1371.2	1371.2	1371.2	1364.6
22.5°	1368.6	1364.6	1368.6	1371.2	1371.2	1369.9	1358.0	1348.9	1346.2	1346.2	1338.3
25°	1335.7	1331.8	1335.7	1335.7	1334.3	1335.7	1331.8	1326.5	1322.5	1318.6	1310.7
27.5°	1304.1	1301.5	1304.1	1301.5	1304.1	1300.2	1298.9	1297.5	1292.3	1288.3	1277.8
30°	1272.5	1269.9	1272.5	1269.9	1267.3	1264.6	1258.0	1255.5	1260.6	1258.0	1240.9
32.5°	1233.0	1230.5	1233.0	1233.0	1230.5	1230.5	1219.9	1215.9	1217.2	1225.2	1209.3
35°	1192.2	1188.3	1192.2	1190.9	1192.2	1188.3	1181.8	1180.4	1175.2	1184.3	1172.5
37.5°	1144.9	1140.9	1144.9	1144.9	1144.9	1147.5	1142.2	1138.3	1130.4	1142.2	1133.0
40°	1096.2	1090.9	1096.2	1094.9	1096.2	1098.8	1096.2	1093.5	1085.6	1094.9	1086.9
42.5°	1040.9	1039.6	1040.9	1042.2	1042.2	1047.5	1051.5	1046.2	1043.5	1036.9	1042.2
45°	981.7	979.1	981.7	984.3	985.6	988.2	1000.1	1000.1	996.2	985.6	993.5
47.5°	918.5	911.9	918.5	926.5	926.5	930.4	942.2	951.5	944.8	931.7	935.6
50°	851.4	852.8	851.4	856.7	856.7	871.2	880.4	889.6	896.2	880.4	861.9
52.5°	785.6	784.4	785.6	789.5	794.8	801.4	817.2	826.4	836.9	827.8	798.8
55°	719.8	722.5	719.8	721.1	723.8	727.7	751.4	760.6	780.4	768.5	738.2
57.5°	654.1	650.1	654.1	656.7	658.0	661.9	681.7	698.8	710.6	711.9	675.1
60°	577.7	572.4	577.7	589.5	592.2	594.8	613.2	629.1	639.5	643.5	605.4
62.5°	510.5	501.4	510.5	518.5	523.8	530.4	543.5	567.2	576.4	577.7	523.8
65°	439.5	435.6	439.5	455.3	456.7	464.5	479.0	496.1	515.8	513.2	435.6
67.5°	375.1	375.1	375.1	385.6	393.4	397.4	415.8	423.7	448.7	451.4	363.2
70°	315.8	314.5	315.8	323.7	329.0	338.2	355.3	364.5	384.3	390.8	294.8
72.5°	259.3	258.0	259.3	265.8	271.1	279.0	293.4	304.0	321.1	329.0	229.0
75°	209.3	206.6	209.3	214.5	213.1	223.7	235.6	246.1	261.8	267.1	169.7
77.5°	160.6	160.6	160.6	165.8	165.8	176.3	181.6	194.7	204.0	211.8	125.0
80°	119.7	118.4	119.7	121.1	121.1	126.3	135.6	144.7	152.7	152.7	85.6
82.5°	84.3	81.6	84.3	84.3	84.3	86.9	92.1	94.7	100.0	104.0	54.0
85°	52.6	52.6	52.6	54.0	52.6	55.3	56.6	59.3	59.3	56.6	32.9
87.5°	34.3	32.9	34.3	32.9	32.9	31.6	31.6	31.6	30.3	29.0	18.4
90°	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6	27.4	17.4
92.5°	94.5	75.8	94.5	113.3	118.0	167.3	233.0	265.8	233.4	168.5	119.9
95°	329.6	272.7	329.6	386.4	400.7	526.2	693.5	777.2	656.4	414.7	233.6
97.5°	789.7	681.5	789.7	897.9	925.0	1004.3	1110.0	1162.9	961.5	558.7	256.6
100°	1137.8	1008.8	1137.8	1266.7	1299.0	1293.2	1285.4	1281.6	1058.1	611.0	275.8
102.5°	1480.3	1369.8	1480.3	1590.7	1618.3	1517.2	1382.4	1315.1	1088.4	635.1	295.1
105°	1916.8	1857.4	1916.8	1976.2	1991.0	1764.4	1462.3	1311.3	1091.8	652.9	323.7
107.5°	2202.8	2217.1	2202.8	2188.4	2184.8	1868.8	1447.5	1236.8	1043.3	656.3	365.9
110°	2311.8	2373.7	2311.8	2250.0	2234.5	1881.2	1410.2	1174.7	1000.2	651.3	389.5





TEST NUMBER: P936082

CATALOG NUMBER: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2321.6	2416.5	2321.6	2226.6	2202.9	1841.3	1359.2	1118.2	962.6	651.5	418.1
115°	2260.0	2391.7	2260.0	2128.4	2095.4	1747.1	1282.6	1050.5	919.5	657.5	460.9
117.5°	2129.4	2275.5	2129.4	1983.4	1946.9	1632.5	1213.4	1003.9	892.5	669.7	502.6
120°	2024.3	2166.2	2024.3	1882.3	1846.9	1559.6	1176.7	985.2	883.4	679.6	526.8
122.5°	1921.9	2061.8	1921.9	1781.8	1746.9	1488.2	1143.4	971.0	878.7	693.9	555.4
125°	1775.7	1904.7	1775.7	1646.8	1614.5	1394.8	1101.9	955.5	874.7	713.1	592.0
127.5°	1644.3	1753.1	1644.3	1535.5	1508.3	1319.7	1068.2	942.4	872.4	732.4	627.4
130°	1566.8	1667.3	1566.8	1466.3	1441.2	1273.3	1049.4	937.4	873.8	746.5	651.0
132.5°	1496.5	1586.5	1496.5	1406.6	1384.0	1233.7	1033.3	933.1	874.7	757.9	670.3
135°	1400.3	1477.9	1400.3	1322.7	1303.3	1177.4	1009.5	925.6	873.8	770.3	692.6
137.5°	1323.1	1386.5	1323.1	1259.5	1243.7	1137.2	995.3	924.4	879.3	788.9	721.2
140°	1270.0	1329.4	1270.0	1210.6	1195.8	1103.9	981.3	920.0	880.2	800.4	740.5
142.5°	1226.2	1277.2	1226.2	1175.1	1162.3	1081.6	973.9	920.0	883.3	809.8	754.8
145°	1160.3	1199.0	1160.3	1121.6	1111.9	1045.9	957.9	913.8	883.4	822.3	776.5
147.5°	1109.7	1141.8	1109.7	1077.7	1069.7	1017.7	948.5	913.8	889.4	840.5	803.9
150°	1078.0	1103.9	1078.0	1052.0	1045.5	1001.6	943.1	913.8	892.5	850.0	818.1
152.5°	1050.8	1070.3	1050.8	1031.2	1026.3	988.8	938.8	913.8	894.6	856.3	827.5
155°	1019.5	1032.5	1019.5	1006.6	1003.3	973.5	933.8	913.8	899.2	869.9	848.0
157.5°	994.7	1003.9	994.7	985.6	983.4	960.1	929.3	913.8	903.8	883.6	868.4
160°	980.0	985.2	980.0	974.7	973.4	953.6	927.1	913.8	905.9	889.8	877.8
162.5°	970.3	975.3	970.3	965.3	964.1	947.4	925.0	913.8	908.1	896.4	887.7
165°	956.4	961.6	956.4	951.1	949.8	937.8	921.8	913.8	911.2	906.0	902.0
167.5°	946.4	948.6	946.4	944.2	943.6	935.7	925.3	920.0	917.8	913.3	910.0
170°	943.6	943.6	943.6	943.6	943.6	935.7	925.3	920.0	919.9	919.6	919.4
172.5°	936.2	934.3	936.2	938.1	938.6	932.5	924.2	920.0	920.0	920.0	920.0
175°	931.9	931.9	931.9	931.9	931.9	927.9	922.6	920.0	921.2	923.7	925.6
177.5°	927.8	925.6	927.8	930.0	930.6	927.5	923.4	921.3	922.3	924.2	925.6
180°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6



TEST NUMBER: P936082

CATALOG NUMBER: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9
2.5°	1410.7	1402.8	1402.8	1389.6	1384.3	1380.5	1373.9	1354.2	1348.9	1343.6	1351.5
5°	1422.6	1408.0	1397.6	1373.9	1354.2	1346.2	1321.2	1273.9	1242.2	1218.6	1205.5
7.5°	1425.2	1406.8	1387.0	1350.2	1302.8	1281.8	1205.5	1118.6	1094.9	1073.8	1060.6
10°	1422.6	1401.5	1373.9	1318.6	1206.8	1169.9	1093.5	1036.9	1022.5	1018.5	1022.5
12.5°	1413.3	1393.6	1355.5	1263.3	1106.8	1081.8	1036.9	1004.1	1001.5	1008.1	1043.5
15°	1397.6	1379.2	1334.3	1189.6	1051.5	1033.1	1001.5	989.6	1004.1	1050.1	1156.8
17.5°	1381.8	1360.7	1305.5	1117.2	1009.3	996.2	973.8	997.5	1079.1	1140.9	1176.5
20°	1360.7	1335.7	1272.5	1064.6	979.1	967.2	956.7	1063.3	1125.2	1147.5	1167.2
22.5°	1335.7	1309.3	1227.8	1027.8	947.5	938.2	944.8	1100.2	1125.2	1140.9	1158.0
25°	1302.8	1280.5	1175.2	998.8	922.5	911.9	936.9	1096.2	1110.6	1114.6	1148.8
27.5°	1272.5	1243.6	1119.9	972.5	892.2	888.2	943.5	1079.1	1089.6	1093.5	1130.4
30°	1235.6	1192.2	1058.1	944.8	860.6	859.3	944.8	1058.1	1055.4	1065.9	1102.8
32.5°	1197.5	1115.9	988.2	910.6	830.4	829.1	935.6	1026.5	1023.8	1038.3	1065.9
35°	1162.0	1056.8	893.5	871.2	792.2	793.5	913.2	989.6	990.9	1004.1	1021.2
37.5°	1125.2	1005.4	789.5	827.8	755.4	755.4	883.0	955.4	952.8	956.7	980.4
40°	1081.8	925.1	697.5	771.1	721.1	717.2	846.2	918.5	909.3	908.1	940.9
42.5°	1035.6	836.9	629.1	696.1	681.7	676.4	801.4	873.8	856.7	860.6	902.8
45°	985.6	813.2	576.4	588.2	640.8	636.9	752.7	822.5	810.6	821.2	864.6
47.5°	935.6	765.9	559.3	488.2	597.4	596.1	698.8	772.5	765.9	776.4	822.5
50°	867.2	713.2	558.0	418.5	548.8	554.0	634.3	723.8	723.8	733.0	781.7
52.5°	779.1	648.8	506.7	379.0	492.1	508.0	577.7	681.7	684.3	693.5	736.9
55°	698.8	581.7	469.8	348.7	425.1	459.3	522.4	638.2	643.5	652.7	692.2
57.5°	625.1	484.3	461.9	313.2	363.2	396.1	473.7	596.1	598.8	606.7	644.8
60°	546.1	350.0	423.7	275.0	309.3	334.3	429.0	546.1	555.4	560.5	593.5
62.5°	456.7	254.0	384.3	248.7	283.0	288.2	392.1	498.7	510.5	514.5	534.3
65°	325.0	213.1	326.4	226.4	255.3	256.6	352.7	450.1	460.6	467.1	481.7
67.5°	219.7	173.7	248.7	205.3	234.3	235.6	314.5	393.4	408.0	413.2	422.4
70°	152.7	115.8	184.3	183.0	210.6	213.1	273.7	342.1	355.3	359.3	364.5
72.5°	111.9	93.4	152.7	164.5	185.6	188.1	231.6	284.3	297.4	301.4	304.0
75°	85.6	98.7	123.7	143.4	157.9	159.3	189.5	231.6	240.8	243.4	244.7
77.5°	68.4	92.1	90.8	115.8	129.0	126.3	148.7	179.0	186.8	186.8	186.8
80°	51.3	72.4	68.4	82.9	94.7	92.1	106.6	127.7	130.3	132.9	131.6
82.5°	38.1	46.0	46.0	52.6	63.1	60.6	71.0	82.9	82.9	82.9	85.6
85°	23.7	26.3	21.0	27.6	35.6	34.3	39.4	44.7	46.0	46.0	43.4
87.5°	14.4	11.9	6.6	10.6	15.8	15.8	18.4	19.7	18.4	18.4	18.4
90°	16.1	11.2	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5
92.5°	109.4	67.0	24.8	67.0	109.4	119.9	168.5	233.4	265.8	233.0	167.3
95°	214.2	137.0	59.7	137.0	214.2	233.6	414.7	656.4	777.2	693.5	526.2
97.5°	239.5	171.3	103.1	171.3	239.5	256.6	558.7	961.5	1162.9	1110.0	1004.3
100°	260.4	198.5	136.7	198.5	260.4	275.8	611.0	1058.1	1281.6	1285.4	1293.2
102.5°	280.7	223.0	165.2	223.0	280.7	295.1	635.1	1088.4	1315.1	1382.4	1517.2
105°	311.4	262.6	213.7	262.6	311.4	323.7	652.9	1091.8	1311.3	1462.3	1764.4
107.5°	354.6	309.0	263.4	309.0	354.6	365.9	656.3	1043.3	1236.8	1447.5	1868.8
110°	379.3	338.0	296.9	338.0	379.3	389.5	651.3	1000.2	1174.7	1410.2	1881.2



TEST NUMBER: P936082

CATALOG NUMBER: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	408.4	369.1	329.9	369.1	408.4	418.1	651.5	962.6	1118.2	1359.2	1841.3
115°	451.9	415.7	379.6	415.7	451.9	460.9	657.5	919.5	1050.5	1282.6	1747.1
117.5°	494.4	461.5	428.7	461.5	494.4	502.6	669.7	892.5	1003.9	1213.4	1632.5
120°	519.0	488.1	457.2	488.1	519.0	526.8	679.6	883.4	985.2	1176.7	1559.6
122.5°	547.6	516.3	485.2	516.3	547.6	555.4	693.9	878.7	971.0	1143.4	1488.2
125°	585.0	556.5	528.1	556.5	585.0	592.0	713.1	874.7	955.5	1101.9	1394.8
127.5°	620.2	591.5	562.8	591.5	620.2	627.4	732.4	872.4	942.4	1068.2	1319.7
130°	643.2	612.3	581.5	612.3	643.2	651.0	746.5	873.8	937.4	1049.4	1273.3
132.5°	662.5	631.7	600.7	631.7	662.5	670.3	757.9	874.7	933.1	1033.3	1233.7
135°	685.5	657.5	629.3	657.5	685.5	692.6	770.3	873.8	925.6	1009.5	1177.4
137.5°	714.2	686.3	658.5	686.3	714.2	721.2	788.9	879.3	924.4	995.3	1137.2
140°	734.2	708.5	682.8	708.5	734.2	740.5	800.4	880.2	920.0	981.3	1103.9
142.5°	748.8	725.1	701.4	725.1	748.8	754.8	809.8	883.3	920.0	973.9	1081.6
145°	771.3	750.7	730.0	750.7	771.3	776.5	822.3	883.4	913.8	957.9	1045.9
147.5°	798.8	778.7	758.5	778.7	798.8	803.9	840.5	889.4	913.8	948.5	1017.7
150°	813.5	795.4	777.2	795.4	813.5	818.1	850.0	892.5	913.8	943.1	1001.6
152.5°	824.0	810.2	796.4	810.2	824.0	827.5	856.3	894.6	913.8	938.8	988.8
155°	845.4	835.2	825.0	835.2	845.4	848.0	869.9	899.2	913.8	933.8	973.5
157.5°	865.9	856.1	846.1	856.1	865.9	868.4	883.6	903.8	913.8	929.3	960.1
160°	875.9	868.1	860.3	868.1	875.9	877.8	889.8	905.9	913.8	927.1	953.6
162.5°	886.2	880.5	874.7	880.5	886.2	887.7	896.4	908.1	913.8	925.0	947.4
165°	900.7	895.4	890.2	895.4	900.7	902.0	906.0	911.2	913.8	921.8	937.8
167.5°	909.4	907.0	904.5	907.0	909.4	910.0	913.3	917.8	920.0	925.3	935.7
170°	918.8	916.3	913.8	916.3	918.8	919.4	919.6	919.9	920.0	925.3	935.7
172.5°	919.9	919.3	918.8	919.3	919.9	920.0	920.0	920.0	920.0	924.2	932.5
175°	925.6	925.6	925.6	925.6	925.6	925.6	923.7	921.2	920.0	922.6	927.9
177.5°	925.6	925.6	925.6	925.6	925.6	925.6	924.2	922.3	921.3	923.4	927.5
180°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6



TEST NUMBER: P936082

CATALOG NUMBER: SQ4-FA-150U-100D-B2750-1D-UNV-STD-W-4-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9	1390.9
2.5°	1342.3	1338.3	1343.6	1329.1	1343.6	1338.3	1342.3	1351.5	1343.6	1348.9	1354.2
5°	1177.8	1171.2	1150.2	1133.0	1150.2	1171.2	1177.8	1205.5	1218.6	1242.2	1273.9
7.5°	1052.8	1047.5	1042.2	1031.7	1042.2	1047.5	1052.8	1060.6	1073.8	1094.9	1118.6
10°	1025.1	1026.5	1034.3	1033.1	1034.3	1026.5	1025.1	1022.5	1018.5	1022.5	1036.9
12.5°	1096.2	1108.0	1151.5	1148.8	1151.5	1108.0	1096.2	1043.5	1008.1	1001.5	1004.1
15°	1177.8	1181.8	1190.9	1192.2	1190.9	1181.8	1177.8	1156.8	1050.1	1004.1	989.6
17.5°	1185.6	1187.0	1193.6	1193.6	1193.6	1187.0	1185.6	1176.5	1140.9	1079.1	997.5
20°	1179.1	1181.8	1194.9	1197.5	1194.9	1181.8	1179.1	1167.2	1147.5	1125.2	1063.3
22.5°	1176.5	1181.8	1192.2	1190.9	1192.2	1181.8	1176.5	1158.0	1140.9	1125.2	1100.2
25°	1163.3	1163.3	1164.6	1165.9	1164.6	1163.3	1163.3	1148.8	1114.6	1110.6	1096.2
27.5°	1135.6	1138.3	1146.2	1144.9	1146.2	1138.3	1135.6	1130.4	1093.5	1089.6	1079.1
30°	1110.6	1108.0	1101.5	1096.2	1101.5	1108.0	1110.6	1102.8	1065.9	1055.4	1058.1
32.5°	1068.5	1061.9	1055.4	1051.5	1055.4	1061.9	1068.5	1065.9	1038.3	1023.8	1026.5
35°	1018.5	1019.9	1018.5	1014.6	1018.5	1019.9	1018.5	1021.2	1004.1	990.9	989.6
37.5°	983.1	985.6	984.3	979.1	984.3	985.6	983.1	980.4	956.7	952.8	955.4
40°	946.2	947.5	946.2	942.2	946.2	947.5	946.2	940.9	908.1	909.3	918.5
42.5°	910.6	909.3	905.4	902.8	905.4	909.3	910.6	902.8	860.6	856.7	873.8
45°	869.8	871.2	863.2	859.3	863.2	871.2	869.8	864.6	821.2	810.6	822.5
47.5°	829.1	829.1	822.5	818.5	822.5	829.1	829.1	822.5	776.4	765.9	772.5
50°	785.6	784.4	775.1	773.8	775.1	784.4	785.6	781.7	733.0	723.8	723.8
52.5°	735.6	735.6	736.9	739.5	736.9	735.6	735.6	736.9	693.5	684.3	681.7
55°	692.2	693.5	702.7	705.4	702.7	693.5	692.2	692.2	652.7	643.5	638.2
57.5°	647.4	647.4	654.1	654.1	654.1	647.4	647.4	644.8	606.7	598.8	596.1
60°	596.1	598.8	604.0	602.7	604.0	598.8	596.1	593.5	560.5	555.4	546.1
62.5°	542.1	544.8	546.1	543.5	546.1	544.8	542.1	534.3	514.5	510.5	498.7
65°	485.6	488.2	489.5	486.9	489.5	488.2	485.6	481.7	467.1	460.6	450.1
67.5°	427.7	426.4	425.1	430.3	425.1	426.4	427.7	422.4	413.2	408.0	393.4
70°	368.4	368.4	367.1	369.8	367.1	368.4	368.4	364.5	359.3	355.3	342.1
72.5°	305.3	304.0	309.3	305.3	309.3	304.0	305.3	304.0	301.4	297.4	284.3
75°	243.4	246.1	243.4	247.4	243.4	246.1	243.4	244.7	243.4	240.8	231.6
77.5°	185.6	188.1	185.6	185.6	185.6	188.1	185.6	186.8	186.8	186.8	179.0
80°	131.6	130.3	130.3	129.0	130.3	130.3	131.6	131.6	132.9	130.3	127.7
82.5°	84.3	82.9	82.9	85.6	82.9	82.9	84.3	85.6	82.9	82.9	82.9
85°	46.0	47.4	44.7	44.7	44.7	47.4	46.0	43.4	46.0	46.0	44.7
87.5°	17.1	15.8	15.8	15.8	15.8	15.8	17.1	18.4	18.4	18.4	19.7
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6
92.5°	118.0	113.3	94.5	75.8	94.5	113.3	118.0	167.3	233.0	265.8	233.4
95°	400.7	386.4	329.6	272.7	329.6	386.4	400.7	526.2	693.5	777.2	656.4
97.5°	925.0	897.9	789.7	681.5	789.7	897.9	925.0	1004.3	1110.0	1162.9	961.5
100°	1299.0	1266.7	1137.8	1008.8	1137.8	1266.7	1299.0	1293.2	1285.4	1281.6	1058.1
102.5°	1618.3	1590.7	1480.3	1369.8	1480.3	1590.7	1618.3	1517.2	1382.4	1315.1	1088.4
105°	1991.0	1976.2	1916.8	1857.4	1916.8	1976.2	1991.0	1764.4	1462.3	1311.3	1091.8
107.5°	2184.8	2188.4	2202.8	2217.1	2202.8	2188.4	2184.8	1868.8	1447.5	1236.8	1043.3
110°	2234.5	2250.0	2311.8	2373.7	2311.8	2250.0	2234.5	1881.2	1410.2	1174.7	1000.2



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2202.9	2226.6	2321.6	2416.5	2321.6	2226.6	2202.9	1841.3	1359.2	1118.2	962.6
115°	2095.4	2128.4	2260.0	2391.7	2260.0	2128.4	2095.4	1747.1	1282.6	1050.5	919.5
117.5°	1946.9	1983.4	2129.4	2275.5	2129.4	1983.4	1946.9	1632.5	1213.4	1003.9	892.5
120°	1846.9	1882.3	2024.3	2166.2	2024.3	1882.3	1846.9	1559.6	1176.7	985.2	883.4
122.5°	1746.9	1781.8	1921.9	2061.8	1921.9	1781.8	1746.9	1488.2	1143.4	971.0	878.7
125°	1614.5	1646.8	1775.7	1904.7	1775.7	1646.8	1614.5	1394.8	1101.9	955.5	874.7
127.5°	1508.3	1535.5	1644.3	1753.1	1644.3	1535.5	1508.3	1319.7	1068.2	942.4	872.4
130°	1441.2	1466.3	1566.8	1667.3	1566.8	1466.3	1441.2	1273.3	1049.4	937.4	873.8
132.5°	1384.0	1406.6	1496.5	1586.5	1496.5	1406.6	1384.0	1233.7	1033.3	933.1	874.7
135°	1303.3	1322.7	1400.3	1477.9	1400.3	1322.7	1303.3	1177.4	1009.5	925.6	873.8
137.5°	1243.7	1259.5	1323.1	1386.5	1323.1	1259.5	1243.7	1137.2	995.3	924.4	879.3
140°	1195.8	1210.6	1270.0	1329.4	1270.0	1210.6	1195.8	1103.9	981.3	920.0	880.2
142.5°	1162.3	1175.1	1226.2	1277.2	1226.2	1175.1	1162.3	1081.6	973.9	920.0	883.3
145°	1111.9	1121.6	1160.3	1199.0	1160.3	1121.6	1111.9	1045.9	957.9	913.8	883.4
147.5°	1069.7	1077.7	1109.7	1141.8	1109.7	1077.7	1069.7	1017.7	948.5	913.8	889.4
150°	1045.5	1052.0	1078.0	1103.9	1078.0	1052.0	1045.5	1001.6	943.1	913.8	892.5
152.5°	1026.3	1031.2	1050.8	1070.3	1050.8	1031.2	1026.3	988.8	938.8	913.8	894.6
155°	1003.3	1006.6	1019.5	1032.5	1019.5	1006.6	1003.3	973.5	933.8	913.8	899.2
157.5°	983.4	985.6	994.7	1003.9	994.7	985.6	983.4	960.1	929.3	913.8	903.8
160°	973.4	974.7	980.0	985.2	980.0	974.7	973.4	953.6	927.1	913.8	905.9
162.5°	964.1	965.3	970.3	975.3	970.3	965.3	964.1	947.4	925.0	913.8	908.1
165°	949.8	951.1	956.4	961.6	956.4	951.1	949.8	937.8	921.8	913.8	911.2
167.5°	943.6	944.2	946.4	948.6	946.4	944.2	943.6	935.7	925.3	920.0	917.8
170°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	935.7	925.3	920.0	919.9
172.5°	938.6	938.1	936.2	934.3	936.2	938.1	938.6	932.5	924.2	920.0	920.0
175°	931.9	931.9	931.9	931.9	931.9	931.9	931.9	927.9	922.6	920.0	921.2
177.5°	930.6	930.0	927.8	925.6	927.8	930.0	930.6	927.5	923.4	921.3	922.3
180°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1390.9	1390.9	1390.9	1390.9	1390.9
2.5°	1373.9	1380.5	1384.3	1389.6	1402.8
5°	1321.2	1346.2	1354.2	1373.9	1397.6
7.5°	1205.5	1281.8	1302.8	1350.2	1387.0
10°	1093.5	1169.9	1206.8	1318.6	1373.9
12.5°	1036.9	1081.8	1106.8	1263.3	1355.5
15°	1001.5	1033.1	1051.5	1189.6	1334.3
17.5°	973.8	996.2	1009.3	1117.2	1305.5
20°	956.7	967.2	979.1	1064.6	1272.5
22.5°	944.8	938.2	947.5	1027.8	1227.8
25°	936.9	911.9	922.5	998.8	1175.2
27.5°	943.5	888.2	892.2	972.5	1119.9
30°	944.8	859.3	860.6	944.8	1058.1
32.5°	935.6	829.1	830.4	910.6	988.2
35°	913.2	793.5	792.2	871.2	893.5
37.5°	883.0	755.4	755.4	827.8	789.5
40°	846.2	717.2	721.1	771.1	697.5
42.5°	801.4	676.4	681.7	696.1	629.1
45°	752.7	636.9	640.8	588.2	576.4
47.5°	698.8	596.1	597.4	488.2	559.3
50°	634.3	554.0	548.8	418.5	558.0
52.5°	577.7	508.0	492.1	379.0	506.7
55°	522.4	459.3	425.1	348.7	469.8
57.5°	473.7	396.1	363.2	313.2	461.9
60°	429.0	334.3	309.3	275.0	423.7
62.5°	392.1	288.2	283.0	248.7	384.3
65°	352.7	256.6	255.3	226.4	326.4
67.5°	314.5	235.6	234.3	205.3	248.7
70°	273.7	213.1	210.6	183.0	184.3
72.5°	231.6	188.1	185.6	164.5	152.7
75°	189.5	159.3	157.9	143.4	123.7
77.5°	148.7	126.3	129.0	115.8	90.8
80°	106.6	92.1	94.7	82.9	68.4
82.5°	71.0	60.6	63.1	52.6	46.0
85°	39.4	34.3	35.6	27.6	21.0
87.5°	18.4	15.8	15.8	10.6	6.6
90°	27.4	17.4	16.1	11.2	6.2
92.5°	168.5	119.9	109.4	67.0	24.8
95°	414.7	233.6	214.2	137.0	59.7
97.5°	558.7	256.6	239.5	171.3	103.1
100°	611.0	275.8	260.4	198.5	136.7
102.5°	635.1	295.1	280.7	223.0	165.2
105°	652.9	323.7	311.4	262.6	213.7
107.5°	656.3	365.9	354.6	309.0	263.4
110°	651.3	389.5	379.3	338.0	296.9



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	651.5	418.1	408.4	369.1	329.9
115°	657.5	460.9	451.9	415.7	379.6
117.5°	669.7	502.6	494.4	461.5	428.7
120°	679.6	526.8	519.0	488.1	457.2
122.5°	693.9	555.4	547.6	516.3	485.2
125°	713.1	592.0	585.0	556.5	528.1
127.5°	732.4	627.4	620.2	591.5	562.8
130°	746.5	651.0	643.2	612.3	581.5
132.5°	757.9	670.3	662.5	631.7	600.7
135°	770.3	692.6	685.5	657.5	629.3
137.5°	788.9	721.2	714.2	686.3	658.5
140°	800.4	740.5	734.2	708.5	682.8
142.5°	809.8	754.8	748.8	725.1	701.4
145°	822.3	776.5	771.3	750.7	730.0
147.5°	840.5	803.9	798.8	778.7	758.5
150°	850.0	818.1	813.5	795.4	777.2
152.5°	856.3	827.5	824.0	810.2	796.4
155°	869.9	848.0	845.4	835.2	825.0
157.5°	883.6	868.4	865.9	856.1	846.1
160°	889.8	877.8	875.9	868.1	860.3
162.5°	896.4	887.7	886.2	880.5	874.7
165°	906.0	902.0	900.7	895.4	890.2
167.5°	913.3	910.0	909.4	907.0	904.5
170°	919.6	919.4	918.8	916.3	913.8
172.5°	920.0	920.0	919.9	919.3	918.8
175°	923.7	925.6	925.6	925.6	925.6
177.5°	924.2	925.6	925.6	925.6	925.6
180°	925.6	925.6	925.6	925.6	925.6



TEST NUMBER: P936082  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	12.41	13.17	13.46	14.23	15.67	15.21	15.97	16.26	17.03	18.46
	3H	12.88	13.56	13.94	14.63	16.08	16.53	17.21	17.60	18.28	19.74
	4H	13.06	13.71	14.14	14.78	16.24	16.97	17.61	18.04	18.68	20.15
	6H	13.18	13.77	14.26	14.85	16.32	17.24	17.83	18.33	18.91	20.38
	8H	13.18	13.74	14.27	14.83	16.30	17.31	17.87	18.40	18.96	20.43
	12H	13.14	13.68	14.24	14.76	16.26	17.34	17.87	18.43	18.96	20.45
4H	2H	13.42	14.07	14.51	15.14	16.60	15.60	16.25	16.69	17.32	18.78
	3H	14.44	14.97	15.53	16.07	17.55	17.09	17.63	18.18	18.73	20.20
	4H	14.71	15.20	15.81	16.29	17.79	17.61	18.10	18.70	19.19	20.69
	6H	14.83	15.25	15.93	16.36	17.85	17.96	18.38	19.06	19.49	20.98
	8H	14.83	15.23	15.94	16.33	17.84	18.06	18.45	19.16	19.56	21.06
	12H	14.79	15.15	15.92	16.27	17.78	18.10	18.46	19.23	19.58	21.09
8H	4H	15.15	15.54	16.25	16.65	18.15	17.72	18.12	18.83	19.22	20.73
	6H	15.41	15.73	16.53	16.88	18.38	18.15	18.47	19.28	19.62	21.12
	8H	15.45	15.73	16.58	16.86	18.38	18.29	18.58	19.43	19.71	21.23
	12H	15.43	15.68	16.56	16.80	18.36	18.38	18.63	19.52	19.76	21.32
12H	4H	15.15	15.51	16.27	16.62	18.14	17.68	18.04	18.81	19.16	20.67
	6H	15.46	15.75	16.60	16.88	18.40	18.14	18.43	19.28	19.56	21.08
	8H	15.53	15.78	16.66	16.90	18.46	18.30	18.55	19.43	19.67	21.23