

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: P935923

Luminaire Tested: SQ4-FA-150U-075D-927-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

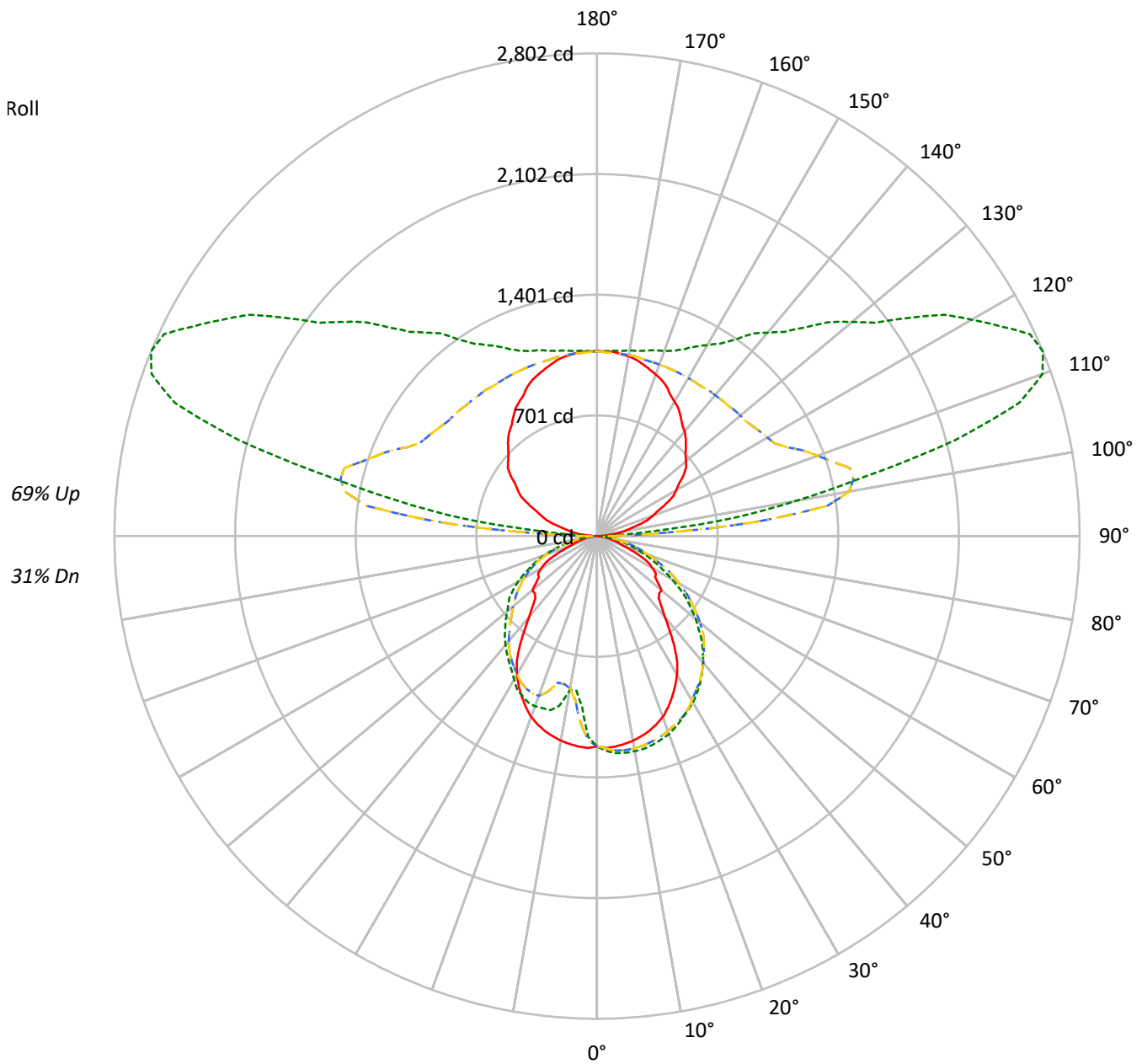
Test Method: LM-79-2019  
Report Number: P935923  
REPORT IS A COMBINATION OF REPORTS P933775 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-075D-927-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10127.8 lumens  
Efficiency: N/A  
Efficacy: 106.2 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 95.4  
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

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### 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	50	30	10	0
RCR																					
0	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33	34	34	33	26
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28	30	29	28	22
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15	19	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	14	12	10	8

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

	0°	90°	180°	270°
0°	7552	7552	7552	7552
5°	7606	7624	7606	5995
10°	7552	7510	7552	5369
15°	7467	7347	7467	6135
20°	7308	7154	7308	6147
25°	6986	6873	6986	6017
30°	6570	6640	6570	5731
35°	5854	6345	5854	5417
40°	4876	5997	4876	5180
45°	4353	5590	4353	4906
50°	4621	5105	4621	4632
55°	4343	4582	4343	4474
60°	4472	3892	4472	4098
65°	4048	3217	4048	3597
70°	2797	2563	2797	3015
75°	2444	1895	2444	2269
80°	1956	1254	1956	1364
85°	1103	664	1103	565

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 6676 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.2	1.1
10°-20°	312.9	3.1
20°-30°	483.7	4.8
30°-40°	577.4	5.7
40°-50°	580.8	5.7
50°-60°	505.4	5.0
60°-70°	358.3	3.5
70°-80°	189.6	1.9
80°-90°	51.3	0.5
90°-100°	523.2	5.2
100°-110°	1375.6	13.6
110°-120°	1426.3	14.1
120°-130°	1144.1	11.3
130°-140°	897.7	8.9
140°-150°	689.0	6.8
150°-160°	496.2	4.9
160°-170°	303.6	3.0
170°-180°	102.6	1.0
0°-30°	906.8	9.0
0°-40°	1484.2	14.7
0°-60°	2570.3	25.4
0°-90°	3169.5	31.3
90°-120°	3325.1	32.8
90°-150°	6055.9	59.8
90°-180°	6958.0	68.7
0°-180°	10127.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1221	1221	1221	1221	1221	
5°	1227	1265	1227	994	1227	116
15°	1171	1253	1171	1046	1171	330
25°	1031	1169	1031	1023	1031	474
35°	784	1043	784	890	784	485
45°	506	859	506	754	506	405
55°	412	634	412	619	412	379
65°	286	382	286	427	286	274
75°	109	181	109	217	109	114
85°	18	46	18	39	18	25
90°	7	27	7	27	7	7
95°	69	316	69	316	69	77
105°	248	2154	248	2154	248	263
115°	440	2774	440	2774	440	435
125°	612	2209	612	2209	612	544
135°	730	1714	730	1714	730	565
145°	846	1390	846	1390	846	530
155°	957	1197	957	1197	957	440
165°	1032	1115	1032	1115	1032	291
175°	1073	1080	1073	1080	1073	102
180°	1073	1073	1073	1073	1073	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8
2.5°	1231.2	1231.2	1238.2	1240.5	1240.5	1237.0	1233.5	1237.0	1247.4	1250.9	1249.7
5°	1226.6	1235.9	1248.6	1250.9	1253.2	1252.0	1249.7	1252.0	1263.6	1265.9	1267.0
7.5°	1217.4	1234.7	1250.9	1254.3	1257.8	1254.3	1253.2	1255.5	1267.0	1269.3	1269.3
10°	1205.8	1230.1	1248.6	1250.9	1254.3	1250.9	1250.9	1255.5	1267.0	1269.3	1270.5
12.5°	1189.6	1223.1	1240.5	1242.8	1247.4	1246.2	1245.1	1249.7	1261.3	1263.6	1263.6
15°	1171.2	1210.4	1226.6	1228.9	1237.0	1234.7	1234.7	1239.3	1252.0	1255.5	1254.3
17.5°	1145.8	1194.3	1212.8	1216.2	1222.0	1220.8	1222.0	1226.6	1238.2	1240.5	1241.6
20°	1116.9	1172.3	1194.3	1197.7	1203.5	1203.5	1203.5	1209.3	1220.8	1225.5	1225.5
22.5°	1077.6	1149.2	1172.3	1174.6	1181.6	1181.6	1183.9	1192.0	1202.4	1203.5	1203.5
25°	1031.4	1123.8	1143.4	1150.4	1157.3	1160.8	1164.2	1168.9	1172.3	1171.2	1172.3
27.5°	982.9	1091.5	1116.9	1121.5	1130.7	1134.2	1138.8	1140.0	1141.1	1144.6	1142.3
30°	928.6	1046.4	1084.5	1089.2	1104.2	1106.5	1101.9	1104.2	1110.0	1112.3	1114.6
32.5°	867.4	979.4	1051.0	1061.4	1075.3	1068.4	1067.2	1070.7	1079.9	1079.9	1082.2
35°	784.2	927.5	1019.9	1029.1	1039.5	1031.4	1036.0	1037.2	1043.0	1046.4	1045.3
37.5°	693.0	882.4	987.5	994.5	1002.5	992.1	999.1	1002.5	1007.2	1004.8	1004.8
40°	612.2	812.0	949.4	954.0	961.0	952.9	959.8	962.1	964.4	962.1	961.0
42.5°	552.1	734.6	909.0	914.8	910.1	915.9	918.2	922.8	919.4	914.8	914.8
45°	505.9	713.8	865.1	872.0	865.1	874.3	877.8	877.8	867.4	865.1	863.9
47.5°	490.9	672.2	821.2	821.2	817.7	829.3	835.1	827.0	816.6	813.1	813.1
50°	489.7	626.0	761.1	756.5	772.7	786.6	780.8	772.7	764.6	751.9	751.9
52.5°	444.7	569.4	683.8	701.1	726.5	734.6	725.3	717.3	703.4	697.6	693.0
55°	412.3	510.5	613.3	648.0	674.5	684.9	667.6	659.5	638.7	635.2	632.9
57.5°	405.4	425.0	548.6	592.5	624.9	623.7	613.3	598.3	581.0	577.5	576.3
60°	371.9	307.2	479.3	531.3	564.8	561.3	552.1	538.2	522.1	519.8	517.4
62.5°	337.3	222.9	400.8	459.7	507.0	505.9	497.8	477.0	465.5	459.7	455.1
65°	286.4	187.1	285.3	382.3	450.4	452.8	435.4	420.4	407.7	400.8	399.6
67.5°	218.3	152.5	192.9	318.8	396.2	393.9	371.9	365.0	348.8	345.3	338.4
70°	161.7	101.6	134.0	258.7	343.0	337.3	319.9	311.8	296.8	288.8	284.1
72.5°	134.0	82.0	98.2	201.0	288.8	281.8	266.8	257.6	244.9	237.9	233.3
75°	108.6	86.6	75.1	149.0	234.5	229.8	216.0	206.7	196.4	187.1	188.3
77.5°	79.7	80.9	60.1	109.7	186.0	179.0	170.9	159.4	154.8	145.5	145.5
80°	60.1	63.5	45.0	75.1	134.0	134.0	127.0	119.0	110.9	106.3	106.3
82.5°	40.4	40.4	33.5	47.4	91.2	87.8	83.2	80.9	76.2	73.9	73.9
85°	18.5	23.1	20.8	28.9	49.7	52.0	52.0	49.7	48.5	46.2	47.4
87.5°	5.8	10.4	12.7	16.2	25.4	26.6	27.7	27.7	27.7	28.9	28.9
90°	7.2	13.0	18.7	20.2	31.7	47.0	54.7	48.7	36.5	27.4	27.4
92.5°	28.8	77.8	126.8	139.1	195.5	270.7	308.3	270.2	194.0	136.9	131.4
95°	69.1	158.8	248.5	270.9	481.0	761.1	901.2	804.2	610.1	464.6	448.1
97.5°	119.6	198.7	277.7	297.5	647.9	1115.0	1348.6	1287.3	1164.6	1072.7	1041.3
100°	158.5	230.2	301.9	319.9	708.6	1227.0	1486.2	1490.6	1499.7	1506.4	1469.0
102.5°	191.7	258.6	325.5	342.2	736.5	1262.2	1525.1	1603.1	1759.4	1876.6	1844.5
105°	247.8	304.5	361.1	375.3	757.1	1266.2	1520.8	1695.8	2046.1	2308.8	2291.6
107.5°	305.5	358.3	411.1	424.3	760.9	1209.8	1434.3	1678.6	2167.2	2533.6	2537.8
110°	344.3	392.1	439.7	451.7	755.2	1159.9	1362.2	1635.3	2181.6	2591.2	2609.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	382.5	428.0	473.4	484.8	755.4	1116.3	1296.7	1576.2	2135.2	2554.5	2582.0
115°	440.1	482.1	524.1	534.5	762.4	1066.2	1218.1	1487.4	2025.9	2429.8	2468.0
117.5°	497.0	535.2	573.3	582.8	776.6	1035.0	1164.2	1407.2	1893.1	2257.6	2300.0
120°	530.2	566.1	602.0	610.9	788.1	1024.4	1142.5	1364.6	1808.7	2141.7	2182.8
122.5°	562.6	598.8	635.0	644.0	804.6	1018.9	1126.0	1325.9	1725.8	2025.7	2066.3
125°	612.3	645.3	678.3	686.5	827.0	1014.3	1108.0	1277.8	1617.5	1872.3	1909.6
127.5°	652.7	685.9	719.3	727.6	849.3	1011.6	1092.8	1238.6	1530.3	1749.1	1780.6
130°	674.3	710.2	746.1	755.0	865.7	1013.3	1087.1	1216.9	1476.6	1671.3	1700.4
132.5°	696.6	732.5	768.4	777.3	878.9	1014.3	1082.0	1198.2	1430.7	1605.0	1631.1
135°	729.7	762.4	795.1	803.3	893.3	1013.3	1073.4	1170.7	1365.4	1511.4	1533.8
137.5°	763.6	795.9	828.3	836.4	914.9	1019.6	1071.9	1154.2	1318.8	1442.2	1460.6
140°	791.7	821.5	851.2	858.7	928.1	1020.6	1066.9	1138.0	1280.1	1386.8	1403.9
142.5°	813.3	840.8	868.4	875.3	939.2	1024.3	1066.9	1129.4	1254.2	1347.8	1362.6
145°	846.5	870.5	894.5	900.5	953.6	1024.3	1059.7	1110.7	1212.9	1289.5	1300.7
147.5°	879.6	903.0	926.3	932.2	974.7	1031.3	1059.7	1099.9	1180.2	1240.5	1249.8
150°	901.2	922.3	943.4	948.7	985.7	1035.0	1059.7	1093.6	1161.5	1212.4	1219.9
152.5°	923.5	939.6	955.6	959.6	992.9	1037.4	1059.7	1088.6	1146.6	1190.0	1195.7
155°	956.6	968.5	980.4	983.3	1008.8	1042.7	1059.7	1082.7	1128.8	1163.4	1167.2
157.5°	981.1	992.7	1004.2	1007.1	1024.6	1048.0	1059.7	1077.6	1113.5	1140.4	1143.0
160°	997.8	1006.7	1015.6	1017.9	1031.8	1050.4	1059.7	1075.1	1105.8	1128.8	1130.4
162.5°	1014.3	1021.0	1027.7	1029.4	1039.5	1053.0	1059.7	1072.6	1098.6	1118.0	1119.5
165°	1032.3	1038.4	1044.4	1046.0	1050.5	1056.6	1059.7	1069.0	1087.5	1101.5	1103.0
167.5°	1048.9	1051.7	1054.7	1055.4	1059.2	1064.4	1066.9	1073.0	1085.2	1094.2	1094.9
170°	1059.7	1062.5	1065.4	1066.1	1066.4	1066.8	1066.9	1073.0	1085.2	1094.2	1094.2
172.5°	1065.4	1066.1	1066.8	1066.9	1066.9	1066.9	1066.9	1071.7	1081.3	1088.5	1087.9
175°	1073.4	1073.4	1073.4	1073.4	1071.2	1068.4	1066.9	1069.9	1076.0	1080.5	1080.5
177.5°	1073.4	1073.4	1073.4	1073.4	1071.7	1069.5	1068.3	1070.7	1075.5	1079.2	1078.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8
2.5°	1252.0	1248.6	1252.0	1249.7	1250.9	1247.4	1237.0	1233.5	1237.0	1240.5	1240.5
5°	1267.0	1264.7	1267.0	1267.0	1265.9	1263.6	1252.0	1249.7	1252.0	1253.2	1250.9
7.5°	1271.7	1268.2	1271.7	1269.3	1269.3	1267.0	1255.5	1253.2	1254.3	1257.8	1254.3
10°	1271.7	1268.2	1271.7	1270.5	1269.3	1267.0	1255.5	1250.9	1250.9	1254.3	1250.9
12.5°	1265.9	1263.6	1265.9	1263.6	1263.6	1261.3	1249.7	1245.1	1246.2	1247.4	1242.8
15°	1256.6	1253.2	1256.6	1254.3	1255.5	1252.0	1239.3	1234.7	1234.7	1237.0	1228.9
17.5°	1242.8	1238.2	1242.8	1241.6	1240.5	1238.2	1226.6	1222.0	1220.8	1222.0	1216.2
20°	1226.6	1223.1	1226.6	1225.5	1225.5	1220.8	1209.3	1203.5	1203.5	1203.5	1197.7
22.5°	1201.2	1197.7	1201.2	1203.5	1203.5	1202.4	1192.0	1183.9	1181.6	1181.6	1174.6
25°	1172.3	1168.9	1172.3	1172.3	1171.2	1172.3	1168.9	1164.2	1160.8	1157.3	1150.4
27.5°	1144.6	1142.3	1144.6	1142.3	1144.6	1141.1	1140.0	1138.8	1134.2	1130.7	1121.5
30°	1116.9	1114.6	1116.9	1114.6	1112.3	1110.0	1104.2	1101.9	1106.5	1104.2	1089.2
32.5°	1082.2	1079.9	1082.2	1082.2	1079.9	1079.9	1070.7	1067.2	1068.4	1075.3	1061.4
35°	1046.4	1043.0	1046.4	1045.3	1046.4	1043.0	1037.2	1036.0	1031.4	1039.5	1029.1
37.5°	1004.8	1001.4	1004.8	1004.8	1004.8	1007.2	1002.5	999.1	992.1	1002.5	994.5
40°	962.1	957.5	962.1	961.0	962.1	964.4	962.1	959.8	952.9	961.0	954.0
42.5°	913.6	912.4	913.6	914.8	914.8	919.4	922.8	918.2	915.9	910.1	914.8
45°	861.6	859.3	861.6	863.9	865.1	867.4	877.8	877.8	874.3	865.1	872.0
47.5°	806.2	800.4	806.2	813.1	813.1	816.6	827.0	835.1	829.3	817.7	821.2
50°	747.3	748.4	747.3	751.9	751.9	764.6	772.7	780.8	786.6	772.7	756.5
52.5°	689.5	688.4	689.5	693.0	697.6	703.4	717.3	725.3	734.6	726.5	701.1
55°	631.8	634.1	631.8	632.9	635.2	638.7	659.5	667.6	684.9	674.5	648.0
57.5°	574.0	570.6	574.0	576.3	577.5	581.0	598.3	613.3	623.7	624.9	592.5
60°	507.0	502.4	507.0	517.4	519.8	522.1	538.2	552.1	561.3	564.8	531.3
62.5°	448.1	440.1	448.1	455.1	459.7	465.5	477.0	497.8	505.9	507.0	459.7
65°	385.8	382.3	385.8	399.6	400.8	407.7	420.4	435.4	452.8	450.4	382.3
67.5°	329.2	329.2	329.2	338.4	345.3	348.8	365.0	371.9	393.9	396.2	318.8
70°	277.2	276.0	277.2	284.1	288.8	296.8	311.8	319.9	337.3	343.0	258.7
72.5°	227.5	226.4	227.5	233.3	237.9	244.9	257.6	266.8	281.8	288.8	201.0
75°	183.6	181.3	183.6	188.3	187.1	196.4	206.7	216.0	229.8	234.5	149.0
77.5°	140.9	140.9	140.9	145.5	145.5	154.8	159.4	170.9	179.0	186.0	109.7
80°	105.1	104.0	105.1	106.3	106.3	110.9	119.0	127.0	134.0	134.0	75.1
82.5°	73.9	71.6	73.9	73.9	73.9	76.2	80.9	83.2	87.8	91.2	47.4
85°	46.2	46.2	46.2	47.4	46.2	48.5	49.7	52.0	52.0	49.7	28.9
87.5°	30.0	28.9	30.0	28.9	28.9	27.7	27.7	27.7	26.6	25.4	16.2
90°	27.4	27.4	27.4	27.4	27.4	36.5	48.7	54.7	47.0	31.7	20.2
92.5°	109.6	87.9	109.6	131.4	136.9	194.0	270.2	308.3	270.7	195.5	139.1
95°	382.2	316.2	382.2	448.1	464.6	610.1	804.2	901.2	761.1	481.0	270.9
97.5°	915.8	790.3	915.8	1041.3	1072.7	1164.6	1287.3	1348.6	1115.0	647.9	297.5
100°	1319.5	1169.9	1319.5	1469.0	1506.4	1499.7	1490.6	1486.2	1227.0	708.6	319.9
102.5°	1716.5	1588.4	1716.5	1844.5	1876.6	1759.4	1603.1	1525.1	1262.2	736.5	342.2
105°	2222.8	2153.9	2222.8	2291.6	2308.8	2046.1	1695.8	1520.8	1266.2	757.1	375.3
107.5°	2554.4	2571.0	2554.4	2537.8	2533.6	2167.2	1678.6	1434.3	1209.8	760.9	424.3
110°	2680.8	2752.6	2680.8	2609.1	2591.2	2181.6	1635.3	1362.2	1159.9	755.2	451.7





TEST NUMBER: P935923

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2692.2	2802.3	2692.2	2582.0	2554.5	2135.2	1576.2	1296.7	1116.3	755.4	484.8
115°	2620.7	2773.5	2620.7	2468.0	2429.8	2025.9	1487.4	1218.1	1066.2	762.4	534.5
117.5°	2469.4	2638.8	2469.4	2300.0	2257.6	1893.1	1407.2	1164.2	1035.0	776.6	582.8
120°	2347.4	2512.0	2347.4	2182.8	2141.7	1808.7	1364.6	1142.5	1024.4	788.1	610.9
122.5°	2228.6	2390.9	2228.6	2066.3	2025.7	1725.8	1325.9	1126.0	1018.9	804.6	644.0
125°	2059.1	2208.7	2059.1	1909.6	1872.3	1617.5	1277.8	1108.0	1014.3	827.0	686.5
127.5°	1906.8	2033.0	1906.8	1780.6	1749.1	1530.3	1238.6	1092.8	1011.6	849.3	727.6
130°	1817.0	1933.5	1817.0	1700.4	1671.3	1476.6	1216.9	1087.1	1013.3	865.7	755.0
132.5°	1735.4	1839.8	1735.4	1631.1	1605.0	1430.7	1198.2	1082.0	1014.3	878.9	777.3
135°	1623.9	1713.8	1623.9	1533.8	1511.4	1365.4	1170.7	1073.4	1013.3	893.3	803.3
137.5°	1534.3	1607.9	1534.3	1460.6	1442.2	1318.8	1154.2	1071.9	1019.6	914.9	836.4
140°	1472.8	1541.6	1472.8	1403.9	1386.8	1280.1	1138.0	1066.9	1020.6	928.1	858.7
142.5°	1421.9	1481.1	1421.9	1362.6	1347.8	1254.2	1129.4	1066.9	1024.3	939.2	875.3
145°	1345.5	1390.3	1345.5	1300.7	1289.5	1212.9	1110.7	1059.7	1024.3	953.6	900.5
147.5°	1286.9	1324.1	1286.9	1249.8	1240.5	1180.2	1099.9	1059.7	1031.3	974.7	932.2
150°	1250.0	1280.1	1250.0	1219.9	1212.4	1161.5	1093.6	1059.7	1035.0	985.7	948.7
152.5°	1218.4	1241.2	1218.4	1195.7	1190.0	1146.6	1088.6	1059.7	1037.4	992.9	959.6
155°	1182.2	1197.3	1182.2	1167.2	1163.4	1128.8	1082.7	1059.7	1042.7	1008.8	983.3
157.5°	1153.6	1164.2	1153.6	1143.0	1140.4	1113.5	1077.6	1059.7	1048.0	1024.6	1007.1
160°	1136.4	1142.5	1136.4	1130.4	1128.8	1105.8	1075.1	1059.7	1050.4	1031.8	1017.9
162.5°	1125.2	1131.0	1125.2	1119.5	1118.0	1098.6	1072.6	1059.7	1053.0	1039.5	1029.4
165°	1109.0	1115.1	1109.0	1103.0	1101.5	1087.5	1069.0	1059.7	1056.6	1050.5	1046.0
167.5°	1097.5	1100.0	1097.5	1094.9	1094.2	1085.2	1073.0	1066.9	1064.4	1059.2	1055.4
170°	1094.2	1094.2	1094.2	1094.2	1094.2	1085.2	1073.0	1066.9	1066.8	1066.4	1066.1
172.5°	1085.7	1083.5	1085.7	1087.9	1088.5	1081.3	1071.7	1066.9	1066.9	1066.9	1066.9
175°	1080.5	1080.5	1080.5	1080.5	1080.5	1076.0	1069.9	1066.9	1068.4	1071.2	1073.4
177.5°	1075.9	1073.4	1075.9	1078.5	1079.2	1075.5	1070.7	1068.3	1069.5	1071.7	1073.4
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8
2.5°	1238.2	1231.2	1231.2	1219.7	1215.1	1211.6	1205.8	1188.5	1183.9	1179.3	1186.2
5°	1248.6	1235.9	1226.6	1205.8	1188.5	1181.6	1159.6	1118.0	1090.3	1069.5	1058.0
7.5°	1250.9	1234.7	1217.4	1185.0	1143.4	1125.0	1058.0	981.8	961.0	942.5	930.9
10°	1248.6	1230.1	1205.8	1157.3	1059.1	1026.8	959.8	910.1	897.4	894.0	897.4
12.5°	1240.5	1223.1	1189.6	1108.8	971.4	949.4	910.1	881.3	879.0	884.7	915.9
15°	1226.6	1210.4	1171.2	1044.1	922.8	906.7	879.0	868.6	881.3	921.7	1015.2
17.5°	1212.8	1194.3	1145.8	980.6	885.9	874.3	854.7	875.5	947.1	1001.4	1032.6
20°	1194.3	1172.3	1116.9	934.4	859.3	848.9	839.7	933.2	987.5	1007.2	1024.5
22.5°	1172.3	1149.2	1077.6	902.1	831.6	823.5	829.3	965.6	987.5	1001.4	1016.4
25°	1143.4	1123.8	1031.4	876.6	809.7	800.4	822.4	962.1	974.8	978.3	1008.3
27.5°	1116.9	1091.5	982.9	853.5	783.1	779.6	828.1	947.1	956.3	959.8	992.1
30°	1084.5	1046.4	928.6	829.3	755.4	754.2	829.3	928.6	926.3	935.6	967.9
32.5°	1051.0	979.4	867.4	799.3	728.8	727.6	821.2	900.9	898.6	911.3	935.6
35°	1019.9	927.5	784.2	764.6	695.3	696.5	801.6	868.6	869.7	881.3	896.3
37.5°	987.5	882.4	693.0	726.5	663.0	663.0	775.0	838.5	836.2	839.7	860.5
40°	949.4	812.0	612.2	676.8	632.9	629.5	742.7	806.2	798.1	797.0	825.8
42.5°	909.0	734.6	552.1	611.0	598.3	593.7	703.4	766.9	751.9	755.4	792.3
45°	865.1	713.8	505.9	516.3	562.5	559.0	660.7	721.9	711.5	720.7	758.8
47.5°	821.2	672.2	490.9	428.5	524.4	523.2	613.3	678.0	672.2	681.4	721.9
50°	761.1	626.0	489.7	367.3	481.6	486.3	556.7	635.2	635.2	643.3	686.1
52.5°	683.8	569.4	444.7	332.6	432.0	445.8	507.0	598.3	600.6	608.7	646.8
55°	613.3	510.5	412.3	306.1	373.1	403.1	458.5	560.2	564.8	572.9	607.5
57.5°	548.6	425.0	405.4	274.9	318.8	347.7	415.8	523.2	525.5	532.5	566.0
60°	479.3	307.2	371.9	241.4	271.4	293.4	376.5	479.3	487.4	492.0	520.9
62.5°	400.8	222.9	337.3	218.3	248.3	252.9	344.2	437.7	448.1	451.6	468.9
65°	285.3	187.1	286.4	198.7	224.1	225.2	309.5	395.0	404.2	410.0	422.7
67.5°	192.9	152.5	218.3	180.2	205.6	206.7	276.0	345.3	358.0	362.7	370.8
70°	134.0	101.6	161.7	160.5	184.8	187.1	240.2	300.3	311.8	315.3	319.9
72.5°	98.2	82.0	134.0	144.4	162.9	165.2	203.3	249.5	261.0	264.5	266.8
75°	75.1	86.6	108.6	125.9	138.6	139.8	166.3	203.3	211.4	213.7	214.8
77.5°	60.1	80.9	79.7	101.6	113.2	110.9	130.5	157.1	164.0	164.0	164.0
80°	45.0	63.5	60.1	72.8	83.2	80.9	93.6	112.0	114.3	116.7	115.5
82.5°	33.5	40.4	40.4	46.2	55.4	53.1	62.4	72.8	72.8	72.8	75.1
85°	20.8	23.1	18.5	24.3	31.2	30.0	34.6	39.3	40.4	40.4	38.1
87.5°	12.7	10.4	5.8	9.2	13.9	13.9	16.2	17.3	16.2	16.2	16.2
90°	18.7	13.0	7.2	13.0	18.7	20.2	31.7	47.0	54.7	48.7	36.5
92.5°	126.8	77.8	28.8	77.8	126.8	139.1	195.5	270.7	308.3	270.2	194.0
95°	248.5	158.8	69.1	158.8	248.5	270.9	481.0	761.1	901.2	804.2	610.1
97.5°	277.7	198.7	119.6	198.7	277.7	297.5	647.9	1115.0	1348.6	1287.3	1164.6
100°	301.9	230.2	158.5	230.2	301.9	319.9	708.6	1227.0	1486.2	1490.6	1499.7
102.5°	325.5	258.6	191.7	258.6	325.5	342.2	736.5	1262.2	1525.1	1603.1	1759.4
105°	361.1	304.5	247.8	304.5	361.1	375.3	757.1	1266.2	1520.8	1695.8	2046.1
107.5°	411.1	358.3	305.5	358.3	411.1	424.3	760.9	1209.8	1434.3	1678.6	2167.2
110°	439.7	392.1	344.3	392.1	439.7	451.7	755.2	1159.9	1362.2	1635.3	2181.6



TEST NUMBER: P935923

CATALOG NUMBER: SQ4-FA-150U-075D-927-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	473.4	428.0	382.5	428.0	473.4	484.8	755.4	1116.3	1296.7	1576.2	2135.2
115°	524.1	482.1	440.1	482.1	524.1	534.5	762.4	1066.2	1218.1	1487.4	2025.9
117.5°	573.3	535.2	497.0	535.2	573.3	582.8	776.6	1035.0	1164.2	1407.2	1893.1
120°	602.0	566.1	530.2	566.1	602.0	610.9	788.1	1024.4	1142.5	1364.6	1808.7
122.5°	635.0	598.8	562.6	598.8	635.0	644.0	804.6	1018.9	1126.0	1325.9	1725.8
125°	678.3	645.3	612.3	645.3	678.3	686.5	827.0	1014.3	1108.0	1277.8	1617.5
127.5°	719.3	685.9	652.7	685.9	719.3	727.6	849.3	1011.6	1092.8	1238.6	1530.3
130°	746.1	710.2	674.3	710.2	746.1	755.0	865.7	1013.3	1087.1	1216.9	1476.6
132.5°	768.4	732.5	696.6	732.5	768.4	777.3	878.9	1014.3	1082.0	1198.2	1430.7
135°	795.1	762.4	729.7	762.4	795.1	803.3	893.3	1013.3	1073.4	1170.7	1365.4
137.5°	828.3	795.9	763.6	795.9	828.3	836.4	914.9	1019.6	1071.9	1154.2	1318.8
140°	851.2	821.5	791.7	821.5	851.2	858.7	928.1	1020.6	1066.9	1138.0	1280.1
142.5°	868.4	840.8	813.3	840.8	868.4	875.3	939.2	1024.3	1066.9	1129.4	1254.2
145°	894.5	870.5	846.5	870.5	894.5	900.5	953.6	1024.3	1059.7	1110.7	1212.9
147.5°	926.3	903.0	879.6	903.0	926.3	932.2	974.7	1031.3	1059.7	1099.9	1180.2
150°	943.4	922.3	901.2	922.3	943.4	948.7	985.7	1035.0	1059.7	1093.6	1161.5
152.5°	955.6	939.6	923.5	939.6	955.6	959.6	992.9	1037.4	1059.7	1088.6	1146.6
155°	980.4	968.5	956.6	968.5	980.4	983.3	1008.8	1042.7	1059.7	1082.7	1128.8
157.5°	1004.2	992.7	981.1	992.7	1004.2	1007.1	1024.6	1048.0	1059.7	1077.6	1113.5
160°	1015.6	1006.7	997.8	1006.7	1015.6	1017.9	1031.8	1050.4	1059.7	1075.1	1105.8
162.5°	1027.7	1021.0	1014.3	1021.0	1027.7	1029.4	1039.5	1053.0	1059.7	1072.6	1098.6
165°	1044.4	1038.4	1032.3	1038.4	1044.4	1046.0	1050.5	1056.6	1059.7	1069.0	1087.5
167.5°	1054.7	1051.7	1048.9	1051.7	1054.7	1055.4	1059.2	1064.4	1066.9	1073.0	1085.2
170°	1065.4	1062.5	1059.7	1062.5	1065.4	1066.1	1066.4	1066.8	1066.9	1073.0	1085.2
172.5°	1066.8	1066.1	1065.4	1066.1	1066.8	1066.9	1066.9	1066.9	1066.9	1071.7	1081.3
175°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1071.2	1068.4	1066.9	1069.9	1076.0
177.5°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1071.7	1069.5	1068.3	1070.7	1075.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



TEST NUMBER: P935923  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8	1220.8
2.5°	1178.1	1174.6	1179.3	1166.6	1179.3	1174.6	1178.1	1186.2	1179.3	1183.9	1188.5
5°	1033.7	1028.0	1009.5	994.5	1009.5	1028.0	1033.7	1058.0	1069.5	1090.3	1118.0
7.5°	924.0	919.4	914.8	905.5	914.8	919.4	924.0	930.9	942.5	961.0	981.8
10°	899.7	900.9	907.8	906.7	907.8	900.9	899.7	897.4	894.0	897.4	910.1
12.5°	962.1	972.5	1010.6	1008.3	1010.6	972.5	962.1	915.9	884.7	879.0	881.3
15°	1033.7	1037.2	1045.3	1046.4	1045.3	1037.2	1033.7	1015.2	921.7	881.3	868.6
17.5°	1040.7	1041.8	1047.6	1047.6	1047.6	1041.8	1040.7	1032.6	1001.4	947.1	875.5
20°	1034.9	1037.2	1048.7	1051.0	1048.7	1037.2	1034.9	1024.5	1007.2	987.5	933.2
22.5°	1032.6	1037.2	1046.4	1045.3	1046.4	1037.2	1032.6	1016.4	1001.4	987.5	965.6
25°	1021.0	1021.0	1022.2	1023.3	1022.2	1021.0	1021.0	1008.3	978.3	974.8	962.1
27.5°	996.8	999.1	1006.0	1004.8	1006.0	999.1	996.8	992.1	959.8	956.3	947.1
30°	974.8	972.5	966.7	962.1	966.7	972.5	974.8	967.9	935.6	926.3	928.6
32.5°	937.9	932.1	926.3	922.8	926.3	932.1	937.9	935.6	911.3	898.6	900.9
35°	894.0	895.1	894.0	890.5	894.0	895.1	894.0	896.3	881.3	869.7	868.6
37.5°	862.8	865.1	863.9	859.3	863.9	865.1	862.8	860.5	839.7	836.2	838.5
40°	830.4	831.6	830.4	827.0	830.4	831.6	830.4	825.8	797.0	798.1	806.2
42.5°	799.3	798.1	794.6	792.3	794.6	798.1	799.3	792.3	755.4	751.9	766.9
45°	763.5	764.6	757.7	754.2	757.7	764.6	763.5	758.8	720.7	711.5	721.9
47.5°	727.6	727.6	721.9	718.4	721.9	727.6	727.6	721.9	681.4	672.2	678.0
50°	689.5	688.4	680.3	679.1	680.3	688.4	689.5	686.1	643.3	635.2	635.2
52.5°	645.6	645.6	646.8	649.1	646.8	645.6	645.6	646.8	608.7	600.6	598.3
55°	607.5	608.7	616.8	619.1	616.8	608.7	607.5	607.5	572.9	564.8	560.2
57.5°	568.3	568.3	574.0	574.0	574.0	568.3	568.3	566.0	532.5	525.5	523.2
60°	523.2	525.5	530.1	529.0	530.1	525.5	523.2	520.9	492.0	487.4	479.3
62.5°	475.9	478.2	479.3	477.0	479.3	478.2	475.9	468.9	451.6	448.1	437.7
65°	426.2	428.5	429.7	427.4	429.7	428.5	426.2	422.7	410.0	404.2	395.0
67.5°	375.4	374.2	373.1	377.7	373.1	374.2	375.4	370.8	362.7	358.0	345.3
70°	323.4	323.4	322.2	324.6	322.2	323.4	323.4	319.9	315.3	311.8	300.3
72.5°	268.0	266.8	271.4	268.0	271.4	266.8	268.0	266.8	264.5	261.0	249.5
75°	213.7	216.0	213.7	217.1	213.7	216.0	213.7	214.8	213.7	211.4	203.3
77.5°	162.9	165.2	162.9	162.9	162.9	165.2	162.9	164.0	164.0	164.0	157.1
80°	115.5	114.3	114.3	113.2	114.3	114.3	115.5	115.5	116.7	114.3	112.0
82.5°	73.9	72.8	72.8	75.1	72.8	72.8	73.9	75.1	72.8	72.8	72.8
85°	40.4	41.6	39.3	39.3	39.3	41.6	40.4	38.1	40.4	40.4	39.3
87.5°	15.0	13.9	13.9	13.9	13.9	13.9	15.0	16.2	16.2	16.2	17.3
90°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	36.5	48.7	54.7	47.0
92.5°	136.9	131.4	109.6	87.9	109.6	131.4	136.9	194.0	270.2	308.3	270.7
95°	464.6	448.1	382.2	316.2	382.2	448.1	464.6	610.1	804.2	901.2	761.1
97.5°	1072.7	1041.3	915.8	790.3	915.8	1041.3	1072.7	1164.6	1287.3	1348.6	1115.0
100°	1506.4	1469.0	1319.5	1169.9	1319.5	1469.0	1506.4	1499.7	1490.6	1486.2	1227.0
102.5°	1876.6	1844.5	1716.5	1588.4	1716.5	1844.5	1876.6	1759.4	1603.1	1525.1	1262.2
105°	2308.8	2291.6	2222.8	2153.9	2222.8	2291.6	2308.8	2046.1	1695.8	1520.8	1266.2
107.5°	2533.6	2537.8	2554.4	2571.0	2554.4	2537.8	2533.6	2167.2	1678.6	1434.3	1209.8
110°	2591.2	2609.1	2680.8	2752.6	2680.8	2609.1	2591.2	2181.6	1635.3	1362.2	1159.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2554.5	2582.0	2692.2	2802.3	2692.2	2582.0	2554.5	2135.2	1576.2	1296.7	1116.3
115°	2429.8	2468.0	2620.7	2773.5	2620.7	2468.0	2429.8	2025.9	1487.4	1218.1	1066.2
117.5°	2257.6	2300.0	2469.4	2638.8	2469.4	2300.0	2257.6	1893.1	1407.2	1164.2	1035.0
120°	2141.7	2182.8	2347.4	2512.0	2347.4	2182.8	2141.7	1808.7	1364.6	1142.5	1024.4
122.5°	2025.7	2066.3	2228.6	2390.9	2228.6	2066.3	2025.7	1725.8	1325.9	1126.0	1018.9
125°	1872.3	1909.6	2059.1	2208.7	2059.1	1909.6	1872.3	1617.5	1277.8	1108.0	1014.3
127.5°	1749.1	1780.6	1906.8	2033.0	1906.8	1780.6	1749.1	1530.3	1238.6	1092.8	1011.6
130°	1671.3	1700.4	1817.0	1933.5	1817.0	1700.4	1671.3	1476.6	1216.9	1087.1	1013.3
132.5°	1605.0	1631.1	1735.4	1839.8	1735.4	1631.1	1605.0	1430.7	1198.2	1082.0	1014.3
135°	1511.4	1533.8	1623.9	1713.8	1623.9	1533.8	1511.4	1365.4	1170.7	1073.4	1013.3
137.5°	1442.2	1460.6	1534.3	1607.9	1534.3	1460.6	1442.2	1318.8	1154.2	1071.9	1019.6
140°	1386.8	1403.9	1472.8	1541.6	1472.8	1403.9	1386.8	1280.1	1138.0	1066.9	1020.6
142.5°	1347.8	1362.6	1421.9	1481.1	1421.9	1362.6	1347.8	1254.2	1129.4	1066.9	1024.3
145°	1289.5	1300.7	1345.5	1390.3	1345.5	1300.7	1289.5	1212.9	1110.7	1059.7	1024.3
147.5°	1240.5	1249.8	1286.9	1324.1	1286.9	1249.8	1240.5	1180.2	1099.9	1059.7	1031.3
150°	1212.4	1219.9	1250.0	1280.1	1250.0	1219.9	1212.4	1161.5	1093.6	1059.7	1035.0
152.5°	1190.0	1195.7	1218.4	1241.2	1218.4	1195.7	1190.0	1146.6	1088.6	1059.7	1037.4
155°	1163.4	1167.2	1182.2	1197.3	1182.2	1167.2	1163.4	1128.8	1082.7	1059.7	1042.7
157.5°	1140.4	1143.0	1153.6	1164.2	1153.6	1143.0	1140.4	1113.5	1077.6	1059.7	1048.0
160°	1128.8	1130.4	1136.4	1142.5	1136.4	1130.4	1128.8	1105.8	1075.1	1059.7	1050.4
162.5°	1118.0	1119.5	1125.2	1131.0	1125.2	1119.5	1118.0	1098.6	1072.6	1059.7	1053.0
165°	1101.5	1103.0	1109.0	1115.1	1109.0	1103.0	1101.5	1087.5	1069.0	1059.7	1056.6
167.5°	1094.2	1094.9	1097.5	1100.0	1097.5	1094.9	1094.2	1085.2	1073.0	1066.9	1064.4
170°	1094.2	1094.2	1094.2	1094.2	1094.2	1094.2	1094.2	1085.2	1073.0	1066.9	1066.8
172.5°	1088.5	1087.9	1085.7	1083.5	1085.7	1087.9	1088.5	1081.3	1071.7	1066.9	1066.9
175°	1080.5	1080.5	1080.5	1080.5	1080.5	1080.5	1080.5	1076.0	1069.9	1066.9	1068.4
177.5°	1079.2	1078.5	1075.9	1073.4	1075.9	1078.5	1079.2	1075.5	1070.7	1068.3	1069.5
180°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1220.8	1220.8	1220.8	1220.8	1220.8
2.5°	1205.8	1211.6	1215.1	1219.7	1231.2
5°	1159.6	1181.6	1188.5	1205.8	1226.6
7.5°	1058.0	1125.0	1143.4	1185.0	1217.4
10°	959.8	1026.8	1059.1	1157.3	1205.8
12.5°	910.1	949.4	971.4	1108.8	1189.6
15°	879.0	906.7	922.8	1044.1	1171.2
17.5°	854.7	874.3	885.9	980.6	1145.8
20°	839.7	848.9	859.3	934.4	1116.9
22.5°	829.3	823.5	831.6	902.1	1077.6
25°	822.4	800.4	809.7	876.6	1031.4
27.5°	828.1	779.6	783.1	853.5	982.9
30°	829.3	754.2	755.4	829.3	928.6
32.5°	821.2	727.6	728.8	799.3	867.4
35°	801.6	696.5	695.3	764.6	784.2
37.5°	775.0	663.0	663.0	726.5	693.0
40°	742.7	629.5	632.9	676.8	612.2
42.5°	703.4	593.7	598.3	611.0	552.1
45°	660.7	559.0	562.5	516.3	505.9
47.5°	613.3	523.2	524.4	428.5	490.9
50°	556.7	486.3	481.6	367.3	489.7
52.5°	507.0	445.8	432.0	332.6	444.7
55°	458.5	403.1	373.1	306.1	412.3
57.5°	415.8	347.7	318.8	274.9	405.4
60°	376.5	293.4	271.4	241.4	371.9
62.5°	344.2	252.9	248.3	218.3	337.3
65°	309.5	225.2	224.1	198.7	286.4
67.5°	276.0	206.7	205.6	180.2	218.3
70°	240.2	187.1	184.8	160.5	161.7
72.5°	203.3	165.2	162.9	144.4	134.0
75°	166.3	139.8	138.6	125.9	108.6
77.5°	130.5	110.9	113.2	101.6	79.7
80°	93.6	80.9	83.2	72.8	60.1
82.5°	62.4	53.1	55.4	46.2	40.4
85°	34.6	30.0	31.2	24.3	18.5
87.5°	16.2	13.9	13.9	9.2	5.8
90°	31.7	20.2	18.7	13.0	7.2
92.5°	195.5	139.1	126.8	77.8	28.8
95°	481.0	270.9	248.5	158.8	69.1
97.5°	647.9	297.5	277.7	198.7	119.6
100°	708.6	319.9	301.9	230.2	158.5
102.5°	736.5	342.2	325.5	258.6	191.7
105°	757.1	375.3	361.1	304.5	247.8
107.5°	760.9	424.3	411.1	358.3	305.5
110°	755.2	451.7	439.7	392.1	344.3



TEST NUMBER: P935923

CATALOG NUMBER: SQ4-FA-150U-075D-927-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	755.4	484.8	473.4	428.0	382.5
115°	762.4	534.5	524.1	482.1	440.1
117.5°	776.6	582.8	573.3	535.2	497.0
120°	788.1	610.9	602.0	566.1	530.2
122.5°	804.6	644.0	635.0	598.8	562.6
125°	827.0	686.5	678.3	645.3	612.3
127.5°	849.3	727.6	719.3	685.9	652.7
130°	865.7	755.0	746.1	710.2	674.3
132.5°	878.9	777.3	768.4	732.5	696.6
135°	893.3	803.3	795.1	762.4	729.7
137.5°	914.9	836.4	828.3	795.9	763.6
140°	928.1	858.7	851.2	821.5	791.7
142.5°	939.2	875.3	868.4	840.8	813.3
145°	953.6	900.5	894.5	870.5	846.5
147.5°	974.7	932.2	926.3	903.0	879.6
150°	985.7	948.7	943.4	922.3	901.2
152.5°	992.9	959.6	955.6	939.6	923.5
155°	1008.8	983.3	980.4	968.5	956.6
157.5°	1024.6	1007.1	1004.2	992.7	981.1
160°	1031.8	1017.9	1015.6	1006.7	997.8
162.5°	1039.5	1029.4	1027.7	1021.0	1014.3
165°	1050.5	1046.0	1044.4	1038.4	1032.3
167.5°	1059.2	1055.4	1054.7	1051.7	1048.9
170°	1066.4	1066.1	1065.4	1062.5	1059.7
172.5°	1066.9	1066.9	1066.8	1066.1	1065.4
175°	1071.2	1073.4	1073.4	1073.4	1073.4
177.5°	1071.7	1073.4	1073.4	1073.4	1073.4
180°	1073.4	1073.4	1073.4	1073.4	1073.4



TEST NUMBER: P935923  
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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	9.79	10.50	10.89	11.60	13.12	12.61	13.33	13.71	14.43	15.94
	3H	10.25	10.89	11.36	12.00	13.53	13.94	14.58	15.06	15.69	17.22
	4H	10.44	11.04	11.56	12.15	13.69	14.38	14.99	15.50	16.10	17.63
	6H	10.55	11.11	11.68	12.22	13.77	14.66	15.21	15.79	16.33	17.88
	8H	10.55	11.08	11.68	12.20	13.75	14.72	15.26	15.86	16.38	17.93
	12H	10.51	11.02	11.65	12.14	13.70	14.76	15.26	15.90	16.38	17.95
4H	2H	10.80	11.41	11.93	12.52	14.05	13.00	13.61	14.13	14.72	16.26
	3H	11.81	12.32	12.95	13.45	15.00	14.49	15.00	15.63	16.13	17.68
	4H	12.08	12.55	13.22	13.67	15.24	15.01	15.48	16.15	16.60	18.17
	6H	12.20	12.60	13.34	13.75	15.31	15.37	15.77	16.51	16.91	18.48
	8H	12.20	12.57	13.35	13.71	15.29	15.47	15.84	16.62	16.98	18.56
	12H	12.16	12.50	13.32	13.65	15.23	15.52	15.86	16.68	17.01	18.59
8H	4H	12.52	12.90	13.67	14.03	15.61	15.13	15.50	16.27	16.64	18.22
	6H	12.78	13.09	13.94	14.27	15.84	15.55	15.86	16.72	17.04	18.62
	8H	12.82	13.09	13.99	14.25	15.84	15.70	15.97	16.88	17.13	18.73
	12H	12.80	13.03	13.97	14.19	15.82	15.80	16.03	16.97	17.19	18.82
12H	4H	12.52	12.86	13.68	14.01	15.59	15.08	15.42	16.24	16.57	18.15
	6H	12.84	13.11	14.01	14.27	15.86	15.55	15.82	16.72	16.98	18.57
	8H	12.90	13.13	14.07	14.29	15.92	15.70	15.94	16.88	17.10	18.73