

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: P936171

Luminaire Tested: SQ4-FA-150U-125D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

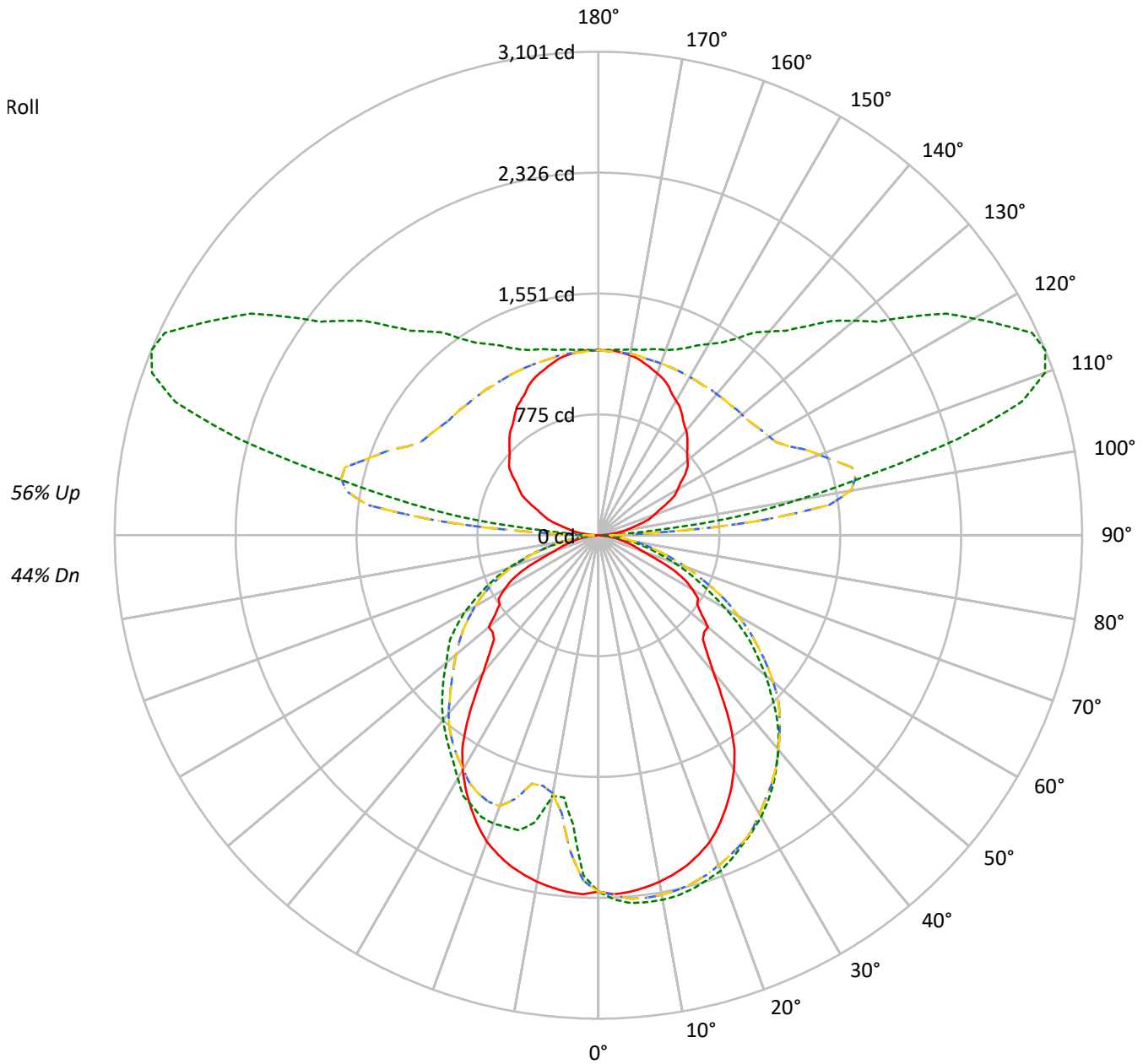
Test Method: LM-79-2019  
Report Number: P936171  
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-150U-125D-935-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13630.3 lumens  
Efficiency: N/A  
Efficacy: 109.2 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: General Diffuse  
  
Input Watts (W): 124.8  
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				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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

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

	0°	90°	180°	270°
0°	14140	14140	14140	14140
5°	14241	14274	14241	11223
10°	14140	14060	14140	10052
15°	13981	13756	13981	11486
20°	13683	13395	13683	11510
25°	13079	12868	13079	11266
30°	12301	12431	12301	10731
35°	10961	11879	10961	10142
40°	9128	11228	9128	9697
45°	8151	10466	8151	9186
50°	8652	9558	8652	8673
55°	8133	8579	8133	8376
60°	8373	7287	8373	7672
65°	7579	6023	7579	6733
70°	5235	4800	5235	5643
75°	4575	3548	4575	4250
80°	3662	2346	3662	2554
85°	2063	1242	2063	1056

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12500 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.3	1.5
10°-20°	585.8	4.3
20°-30°	905.6	6.6
30°-40°	1081.1	7.9
40°-50°	1087.4	8.0
50°-60°	946.2	6.9
60°-70°	670.8	4.9
70°-80°	354.9	2.6
80°-90°	92.9	0.7
90°-100°	578.9	4.2
100°-110°	1522.0	11.2
110°-120°	1578.2	11.6
120°-130°	1265.9	9.3
130°-140°	993.3	7.3
140°-150°	762.4	5.6
150°-160°	549.0	4.0
160°-170°	335.9	2.5
170°-180°	113.5	0.8
0°-30°	1697.7	12.5
0°-40°	2778.8	20.4
0°-60°	4812.3	35.3
0°-90°	5931.0	43.5
90°-120°	3679.2	27.0
90°-150°	6700.8	49.2
90°-180°	7699.0	56.5
0°-180°	13630.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2286	2286	2286	2286	2286	
5°	2297	2368	2297	1862	2297	218
15°	2193	2346	2193	1959	2193	617
25°	1931	2188	1931	1916	1931	887
35°	1468	1953	1468	1667	1468	908
45°	947	1609	947	1412	947	759
55°	772	1187	772	1159	772	709
65°	536	716	536	800	536	513
75°	203	340	203	407	203	214
85°	35	86	35	74	35	47
90°	8	30	8	30	8	8
95°	76	350	76	350	76	85
105°	274	2383	274	2383	274	291
115°	487	3069	487	3069	487	481
125°	678	2444	678	2444	678	602
135°	807	1896	807	1896	807	625
145°	937	1538	937	1538	937	587
155°	1058	1325	1058	1325	1058	486
165°	1142	1234	1142	1234	1142	322
175°	1188	1196	1188	1196	1188	113
180°	1188	1188	1188	1188	1188	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2305.2	2305.2	2318.2	2322.5	2322.5	2316.0	2309.5	2316.0	2335.5	2342.0	2339.8
5°	2296.6	2313.9	2337.6	2342.0	2346.3	2344.1	2339.8	2344.1	2365.7	2370.1	2372.2
7.5°	2279.3	2311.6	2342.0	2348.5	2354.9	2348.5	2346.3	2350.6	2372.2	2376.6	2376.6
10°	2257.6	2303.0	2337.6	2342.0	2348.5	2342.0	2342.0	2350.6	2372.2	2376.6	2378.7
12.5°	2227.4	2290.1	2322.5	2326.8	2335.5	2333.3	2331.2	2339.8	2361.4	2365.7	2365.7
15°	2192.8	2266.2	2296.6	2300.9	2316.0	2311.6	2311.6	2320.3	2344.1	2350.6	2348.5
17.5°	2145.2	2236.0	2270.6	2277.1	2287.9	2285.7	2287.9	2296.6	2318.2	2322.5	2324.7
20°	2091.1	2194.9	2236.0	2242.5	2253.3	2253.3	2253.3	2264.1	2285.7	2294.4	2294.4
22.5°	2017.6	2151.6	2194.9	2199.3	2212.2	2212.2	2216.6	2231.6	2251.2	2253.3	2253.3
25°	1931.1	2104.1	2140.8	2153.9	2166.8	2173.3	2179.8	2188.4	2194.9	2192.8	2194.9
27.5°	1840.2	2043.5	2091.1	2099.8	2117.0	2123.5	2132.2	2134.3	2136.6	2143.0	2138.7
30°	1738.6	1959.2	2030.6	2039.2	2067.3	2071.6	2063.0	2067.3	2078.1	2082.5	2086.8
32.5°	1624.0	1833.8	1967.9	1987.3	2013.3	2000.3	1998.1	2004.6	2021.9	2021.9	2026.2
35°	1468.3	1736.5	1909.5	1926.8	1946.2	1931.1	1939.7	1941.9	1952.7	1959.2	1957.0
37.5°	1297.5	1652.1	1848.9	1861.9	1877.0	1857.5	1870.6	1877.0	1885.6	1881.4	1881.4
40°	1146.1	1520.2	1777.5	1786.2	1799.2	1784.0	1797.0	1801.4	1805.6	1801.4	1799.2
42.5°	1033.6	1375.3	1701.9	1712.7	1704.0	1714.8	1719.2	1727.9	1721.3	1712.7	1712.7
45°	947.2	1336.4	1619.7	1632.7	1619.7	1637.0	1643.5	1643.5	1624.0	1619.7	1617.5
47.5°	919.1	1258.6	1537.5	1537.5	1531.0	1552.7	1563.5	1548.3	1528.8	1522.4	1522.4
50°	916.9	1172.1	1425.1	1416.4	1446.7	1472.7	1461.9	1446.7	1431.5	1407.8	1407.8
52.5°	832.6	1066.1	1280.2	1312.6	1360.2	1375.3	1358.0	1342.9	1316.9	1306.1	1297.5
55°	772.0	955.8	1148.2	1213.2	1262.9	1282.3	1249.9	1234.8	1195.9	1189.4	1185.0
57.5°	759.0	795.8	1027.2	1109.4	1169.9	1167.8	1148.2	1120.1	1087.7	1081.3	1079.1
60°	696.3	575.2	897.4	994.7	1057.4	1050.9	1033.6	1007.7	977.4	973.2	968.8
62.5°	631.4	417.4	750.4	860.7	949.3	947.2	932.0	893.1	871.5	860.7	852.0
65°	536.3	350.3	534.1	715.8	843.4	847.7	815.3	787.2	763.4	750.4	748.2
67.5°	408.7	285.4	361.2	596.8	741.8	737.4	696.3	683.3	653.1	646.6	633.6
70°	302.7	190.3	250.8	484.4	642.2	631.4	599.0	583.9	555.8	540.6	532.0
72.5°	250.8	153.5	183.8	376.2	540.6	527.6	499.5	482.2	458.5	445.5	436.8
75°	203.3	162.2	140.6	278.9	439.0	430.3	404.4	387.1	367.6	350.3	352.5
77.5°	149.2	151.4	112.5	205.4	348.1	335.2	320.0	298.5	289.8	272.5	272.5
80°	112.5	118.9	84.3	140.6	250.8	250.8	237.9	222.7	207.6	198.9	198.9
82.5°	75.7	75.7	62.7	88.7	170.8	164.4	155.7	151.4	142.7	138.4	138.4
85°	34.6	43.3	38.9	54.1	93.0	97.3	97.3	93.0	90.8	86.5	88.7
87.5°	10.8	19.4	23.8	30.2	47.5	49.8	51.9	51.9	51.9	54.1	54.1
90°	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4	30.3	30.3
92.5°	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7	151.5	145.4
95°	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1	514.1	495.9
97.5°	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6	1186.9	1152.2
100°	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4	1666.8	1625.4
102.5°	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7	2076.4	2041.0
105°	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0	2554.7	2535.6
107.5°	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0	2803.4	2808.0
110°	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9	2867.2	2887.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6	2826.5	2857.0
115°	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7	2688.6	2730.8
117.5°	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7	2498.1	2544.9
120°	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3	2369.8	2415.2
122.5°	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6	2241.4	2286.3
125°	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7	2071.6	2113.0
127.5°	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3	1935.3	1970.2
130°	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8	1849.3	1881.5
132.5°	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0	1775.9	1804.8
135°	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8	1672.3	1697.2
137.5°	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2	1595.8	1616.2
140°	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4	1534.5	1553.5
142.5°	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7	1491.3	1507.7
145°	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1	1426.8	1439.2
147.5°	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9	1372.6	1382.9
150°	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2	1341.5	1349.8
152.5°	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7	1316.8	1323.1
155°	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0	1287.3	1291.5
157.5°	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1	1261.8	1264.7
160°	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6	1249.0	1250.7
162.5°	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5	1237.1	1238.7
165°	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4	1218.8	1220.5
167.5°	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7	1210.8	1211.5
170°	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7	1210.8	1210.8
172.5°	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5	1204.4	1203.8
175°	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6	1195.6	1195.6
177.5°	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1	1194.1	1193.4
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2344.1	2337.6	2344.1	2339.8	2342.0	2335.5	2316.0	2309.5	2316.0	2322.5	2322.5
5°	2372.2	2367.9	2372.2	2372.2	2370.1	2365.7	2344.1	2339.8	2344.1	2346.3	2342.0
7.5°	2380.9	2374.4	2380.9	2376.6	2376.6	2372.2	2350.6	2346.3	2348.5	2354.9	2348.5
10°	2380.9	2374.4	2380.9	2378.7	2376.6	2372.2	2350.6	2342.0	2342.0	2348.5	2342.0
12.5°	2370.1	2365.7	2370.1	2365.7	2365.7	2361.4	2339.8	2331.2	2333.3	2335.5	2326.8
15°	2352.8	2346.3	2352.8	2348.5	2350.6	2344.1	2320.3	2311.6	2311.6	2316.0	2300.9
17.5°	2326.8	2318.2	2326.8	2324.7	2322.5	2318.2	2296.6	2287.9	2285.7	2287.9	2277.1
20°	2296.6	2290.1	2296.6	2294.4	2294.4	2285.7	2264.1	2253.3	2253.3	2253.3	2242.5
22.5°	2248.9	2242.5	2248.9	2253.3	2253.3	2251.2	2231.6	2216.6	2212.2	2212.2	2199.3
25°	2194.9	2188.4	2194.9	2194.9	2192.8	2194.9	2188.4	2179.8	2173.3	2166.8	2153.9
27.5°	2143.0	2138.7	2143.0	2138.7	2143.0	2136.6	2134.3	2132.2	2123.5	2117.0	2099.8
30°	2091.1	2086.8	2091.1	2086.8	2082.5	2078.1	2067.3	2063.0	2071.6	2067.3	2039.2
32.5°	2026.2	2021.9	2026.2	2026.2	2021.9	2021.9	2004.6	1998.1	2000.3	2013.3	1987.3
35°	1959.2	1952.7	1959.2	1957.0	1959.2	1952.7	1941.9	1939.7	1931.1	1946.2	1926.8
37.5°	1881.4	1874.8	1881.4	1881.4	1881.4	1885.6	1877.0	1870.6	1857.5	1877.0	1861.9
40°	1801.4	1792.7	1801.4	1799.2	1801.4	1805.6	1801.4	1797.0	1784.0	1799.2	1786.2
42.5°	1710.6	1708.3	1710.6	1712.7	1712.7	1721.3	1727.9	1719.2	1714.8	1704.0	1712.7
45°	1613.2	1608.9	1613.2	1617.5	1619.7	1624.0	1643.5	1643.5	1637.0	1619.7	1632.7
47.5°	1509.4	1498.6	1509.4	1522.4	1522.4	1528.8	1548.3	1563.5	1552.7	1531.0	1537.5
50°	1399.2	1401.3	1399.2	1407.8	1407.8	1431.5	1446.7	1461.9	1472.7	1446.7	1416.4
52.5°	1291.0	1288.8	1291.0	1297.5	1306.1	1316.9	1342.9	1358.0	1375.3	1360.2	1312.6
55°	1182.8	1187.2	1182.8	1185.0	1189.4	1195.9	1234.8	1249.9	1282.3	1262.9	1213.2
57.5°	1074.7	1068.2	1074.7	1079.1	1081.3	1087.7	1120.1	1148.2	1167.8	1169.9	1109.4
60°	949.3	940.7	949.3	968.8	973.2	977.4	1007.7	1033.6	1050.9	1057.4	994.7
62.5°	839.0	823.9	839.0	852.0	860.7	871.5	893.1	932.0	947.2	949.3	860.7
65°	722.2	715.8	722.2	748.2	750.4	763.4	787.2	815.3	847.7	843.4	715.8
67.5°	616.3	616.3	616.3	633.6	646.6	653.1	683.3	696.3	737.4	741.8	596.8
70°	519.0	516.8	519.0	532.0	540.6	555.8	583.9	599.0	631.4	642.2	484.4
72.5°	426.0	423.9	426.0	436.8	445.5	458.5	482.2	499.5	527.6	540.6	376.2
75°	343.9	339.5	343.9	352.5	350.3	367.6	387.1	404.4	430.3	439.0	278.9
77.5°	263.9	263.9	263.9	272.5	272.5	289.8	298.5	320.0	335.2	348.1	205.4
80°	196.8	194.6	196.8	198.9	198.9	207.6	222.7	237.9	250.8	250.8	140.6
82.5°	138.4	134.1	138.4	138.4	138.4	142.7	151.4	155.7	164.4	170.8	88.7
85°	86.5	86.5	86.5	88.7	86.5	90.8	93.0	97.3	97.3	93.0	54.1
87.5°	56.2	54.1	56.2	54.1	54.1	51.9	51.9	51.9	49.8	47.5	30.2
90°	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1	35.1	22.3
92.5°	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6	216.3	153.9
95°	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2	532.2	299.7
97.5°	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8	716.9	329.2
100°	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7	784.1	353.9
102.5°	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6	814.9	378.6
105°	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0	837.8	415.3
107.5°	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7	841.9	469.5
110°	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4	835.6	499.8





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1	835.9	536.4
115°	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8	843.6	591.5
117.5°	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2	859.3	644.9
120°	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5	872.0	676.0
122.5°	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4	890.3	712.6
125°	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3	915.0	759.6
127.5°	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4	939.8	805.1
130°	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2	957.9	835.4
132.5°	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3	972.5	860.1
135°	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2	988.4	888.8
137.5°	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1	1012.3	925.4
140°	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3	1026.9	950.2
142.5°	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4	1039.2	968.5
145°	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4	1055.1	996.4
147.5°	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2	1078.5	1031.4
150°	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3	1090.6	1049.7
152.5°	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9	1098.7	1061.8
155°	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8	1116.2	1088.0
157.5°	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6	1133.8	1114.3
160°	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2	1141.7	1126.3
162.5°	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1	1150.2	1139.0
165°	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1	1162.4	1157.4
167.5°	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7	1172.0	1167.8
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4	1179.9	1179.7
172.5°	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1	1185.3	1187.7
177.5°	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3	1185.8	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2318.2	2305.2	2305.2	2283.6	2274.9	2268.4	2257.6	2225.2	2216.6	2207.9	2220.8
5°	2337.6	2313.9	2296.6	2257.6	2225.2	2212.2	2171.2	2093.3	2041.4	2002.5	1980.8
7.5°	2342.0	2311.6	2279.3	2218.7	2140.8	2106.2	1980.8	1838.1	1799.2	1764.6	1742.9
10°	2337.6	2303.0	2257.6	2166.8	1983.0	1922.5	1797.0	1704.0	1680.2	1673.8	1680.2
12.5°	2322.5	2290.1	2227.4	2076.0	1818.7	1777.5	1704.0	1650.0	1645.6	1656.5	1714.8
15°	2296.6	2266.2	2192.8	1954.9	1727.9	1697.5	1645.6	1626.2	1650.0	1725.6	1900.8
17.5°	2270.6	2236.0	2145.2	1836.0	1658.6	1637.0	1600.2	1639.2	1773.3	1874.8	1933.3
20°	2236.0	2194.9	2091.1	1749.4	1608.9	1589.4	1572.1	1747.3	1848.9	1885.6	1918.1
22.5°	2194.9	2151.6	2017.6	1688.9	1556.9	1541.9	1552.7	1807.9	1848.9	1874.8	1902.9
25°	2140.8	2104.1	1931.1	1641.3	1515.9	1498.6	1539.6	1801.4	1825.2	1831.6	1887.9
27.5°	2091.1	2043.5	1840.2	1598.1	1466.1	1459.6	1550.5	1773.3	1790.6	1797.0	1857.5
30°	2030.6	1959.2	1738.6	1552.7	1414.2	1412.1	1552.7	1738.6	1734.3	1751.6	1812.1
32.5°	1967.9	1833.8	1624.0	1496.5	1364.6	1362.3	1537.5	1686.7	1682.4	1706.2	1751.6
35°	1909.5	1736.5	1468.3	1431.5	1301.8	1304.0	1500.8	1626.2	1628.3	1650.0	1678.1
37.5°	1848.9	1652.1	1297.5	1360.2	1241.3	1241.3	1451.0	1570.0	1565.6	1572.1	1611.0
40°	1777.5	1520.2	1146.1	1267.2	1185.0	1178.6	1390.5	1509.4	1494.2	1492.1	1546.2
42.5°	1701.9	1375.3	1033.6	1144.0	1120.1	1111.5	1316.9	1435.9	1407.8	1414.2	1483.4
45°	1619.7	1336.4	947.2	966.6	1053.2	1046.6	1236.9	1351.5	1332.1	1349.4	1420.7
47.5°	1537.5	1258.6	919.1	802.2	981.8	979.6	1148.2	1269.4	1258.6	1275.9	1351.5
50°	1425.1	1172.1	916.9	687.6	901.8	910.4	1042.3	1189.4	1189.4	1204.5	1284.5
52.5°	1280.2	1066.1	832.6	622.8	808.8	834.7	949.3	1120.1	1124.5	1139.6	1210.9
55°	1148.2	955.8	772.0	573.1	698.5	754.7	858.5	1048.8	1057.4	1072.6	1137.4
57.5°	1027.2	795.8	759.0	514.7	596.8	650.9	778.5	979.6	983.9	996.9	1059.6
60°	897.4	575.2	696.3	452.0	508.2	549.3	704.9	897.4	912.6	921.2	975.3
62.5°	750.4	417.4	631.4	408.7	464.9	473.5	644.5	819.5	839.0	845.5	878.0
65°	534.1	350.3	536.3	372.0	419.5	421.7	579.5	739.5	756.8	767.7	791.5
67.5°	361.2	285.4	408.7	337.3	384.9	387.1	516.8	646.6	670.4	679.0	694.1
70°	250.8	190.3	302.7	300.6	346.0	350.3	449.8	562.2	583.9	590.4	599.0
72.5°	183.8	153.5	250.8	270.3	304.9	309.3	380.6	467.1	488.7	495.2	499.5
75°	140.6	162.2	203.3	235.7	259.5	261.6	311.4	380.6	395.8	400.1	402.2
77.5°	112.5	151.4	149.2	190.3	211.9	207.6	244.4	294.1	307.1	307.1	307.1
80°	84.3	118.9	112.5	136.2	155.7	151.4	175.2	209.8	214.1	218.4	216.2
82.5°	62.7	75.7	75.7	86.5	103.8	99.5	116.8	136.2	136.2	136.2	140.6
85°	38.9	43.3	34.6	45.4	58.4	56.2	64.8	73.5	75.7	75.7	71.4
87.5°	23.8	19.4	10.8	17.3	26.0	26.0	30.2	32.5	30.2	30.2	30.2
90°	20.7	14.4	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.4
92.5°	140.3	86.1	31.9	86.1	140.3	153.9	216.3	299.6	341.1	299.0	214.7
95°	274.9	175.7	76.5	175.7	274.9	299.7	532.2	842.2	997.2	889.8	675.1
97.5°	307.3	219.8	132.3	219.8	307.3	329.2	716.9	1233.8	1492.2	1424.4	1288.6
100°	334.1	254.7	175.3	254.7	334.1	353.9	784.1	1357.7	1644.4	1649.4	1659.4
102.5°	360.1	286.1	212.1	286.1	360.1	378.6	814.9	1396.6	1687.5	1773.9	1946.7
105°	399.6	336.9	274.2	336.9	399.6	415.3	837.8	1401.0	1682.7	1876.4	2264.0
107.5°	454.9	396.4	338.0	396.4	454.9	469.5	841.9	1338.7	1587.0	1857.4	2398.0
110°	486.6	433.8	381.0	433.8	486.6	499.8	835.6	1283.4	1507.3	1809.5	2413.9



TEST NUMBER: P936171

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	523.8	473.5	423.3	473.5	523.8	536.4	835.9	1235.1	1434.8	1744.0	2362.6
115°	579.9	533.4	487.0	533.4	579.9	591.5	843.6	1179.8	1347.9	1645.8	2241.7
117.5°	634.3	592.1	550.0	592.1	634.3	644.9	859.3	1145.2	1288.1	1557.0	2094.7
120°	666.1	626.4	586.7	626.4	666.1	676.0	872.0	1133.5	1264.2	1509.9	2001.3
122.5°	702.6	662.6	622.6	662.6	702.6	712.6	890.3	1127.4	1245.9	1467.1	1909.6
125°	750.5	714.0	677.5	714.0	750.5	759.6	915.0	1122.3	1225.9	1413.9	1789.7
127.5°	795.9	759.0	722.2	759.0	795.9	805.1	939.8	1119.4	1209.2	1370.5	1693.3
130°	825.5	785.8	746.1	785.8	825.5	835.4	957.9	1121.2	1202.9	1346.5	1633.8
132.5°	850.2	810.5	770.8	810.5	850.2	860.1	972.5	1122.3	1197.2	1325.8	1583.0
135°	879.8	843.6	807.4	843.6	879.8	888.8	988.4	1121.2	1187.7	1295.4	1510.8
137.5°	916.5	880.7	844.9	880.7	916.5	925.4	1012.3	1128.1	1186.1	1277.1	1459.2
140°	941.9	909.0	876.0	909.0	941.9	950.2	1026.9	1129.3	1180.5	1259.2	1416.4
142.5°	960.9	930.4	899.9	930.4	960.9	968.5	1039.2	1133.4	1180.5	1249.6	1387.7
145°	989.8	963.2	936.6	963.2	989.8	996.4	1055.1	1133.4	1172.5	1229.0	1342.1
147.5°	1025.0	999.1	973.2	999.1	1025.0	1031.4	1078.5	1141.2	1172.5	1217.0	1305.9
150°	1043.9	1020.5	997.2	1020.5	1043.9	1049.7	1090.6	1145.3	1172.5	1210.1	1285.2
152.5°	1057.3	1039.6	1021.9	1039.6	1057.3	1061.8	1098.7	1147.9	1172.5	1204.6	1268.7
155°	1084.8	1071.6	1058.5	1071.6	1084.8	1088.0	1116.2	1153.8	1172.5	1198.0	1249.0
157.5°	1111.2	1098.4	1085.6	1098.4	1111.2	1114.3	1133.8	1159.6	1172.5	1192.4	1232.1
160°	1123.8	1113.9	1104.0	1113.9	1123.8	1126.3	1141.7	1162.2	1172.5	1189.6	1223.6
162.5°	1137.2	1129.8	1122.3	1129.8	1137.2	1139.0	1150.2	1165.1	1172.5	1186.8	1215.5
165°	1155.7	1149.0	1142.3	1149.0	1155.7	1157.4	1162.4	1169.1	1172.5	1182.8	1203.4
167.5°	1167.0	1163.7	1160.6	1163.7	1167.0	1167.8	1172.0	1177.7	1180.5	1187.3	1200.7
170°	1178.9	1175.7	1172.5	1175.7	1178.9	1179.7	1179.9	1180.4	1180.5	1187.3	1200.7
172.5°	1180.4	1179.6	1178.9	1179.6	1180.4	1180.5	1180.5	1180.5	1180.5	1185.8	1196.5
175°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.3	1182.1	1180.5	1183.9	1190.6
177.5°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1185.8	1183.3	1182.1	1184.7	1190.1
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



TEST NUMBER: P936171  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2205.7	2199.3	2207.9	2184.1	2207.9	2199.3	2205.7	2220.8	2207.9	2216.6	2225.2
5°	1935.4	1924.6	1890.0	1861.9	1890.0	1924.6	1935.4	1980.8	2002.5	2041.4	2093.3
7.5°	1730.0	1721.3	1712.7	1695.4	1712.7	1721.3	1730.0	1742.9	1764.6	1799.2	1838.1
10°	1684.6	1686.7	1699.7	1697.5	1699.7	1686.7	1684.6	1680.2	1673.8	1680.2	1704.0
12.5°	1801.4	1820.8	1892.2	1887.9	1892.2	1820.8	1801.4	1714.8	1656.5	1645.6	1650.0
15°	1935.4	1941.9	1957.0	1959.2	1957.0	1941.9	1935.4	1900.8	1725.6	1650.0	1626.2
17.5°	1948.4	1950.6	1961.4	1961.4	1961.4	1950.6	1948.4	1933.3	1874.8	1773.3	1639.2
20°	1937.6	1941.9	1963.5	1967.9	1963.5	1941.9	1937.6	1918.1	1885.6	1848.9	1747.3
22.5°	1933.3	1941.9	1959.2	1957.0	1959.2	1941.9	1933.3	1902.9	1874.8	1848.9	1807.9
25°	1911.6	1911.6	1913.8	1916.0	1913.8	1911.6	1911.6	1887.9	1831.6	1825.2	1801.4
27.5°	1866.2	1870.6	1883.5	1881.4	1883.5	1870.6	1866.2	1857.5	1797.0	1790.6	1773.3
30°	1825.2	1820.8	1810.0	1801.4	1810.0	1820.8	1825.2	1812.1	1751.6	1734.3	1738.6
32.5°	1756.0	1745.2	1734.3	1727.9	1734.3	1745.2	1756.0	1751.6	1706.2	1682.4	1686.7
35°	1673.8	1675.9	1673.8	1667.3	1673.8	1675.9	1673.8	1678.1	1650.0	1628.3	1626.2
37.5°	1615.4	1619.7	1617.5	1608.9	1617.5	1619.7	1615.4	1611.0	1572.1	1565.6	1570.0
40°	1554.8	1556.9	1554.8	1548.3	1554.8	1556.9	1554.8	1546.2	1492.1	1494.2	1509.4
42.5°	1496.5	1494.2	1487.8	1483.4	1487.8	1494.2	1496.5	1483.4	1414.2	1407.8	1435.9
45°	1429.4	1431.5	1418.6	1412.1	1418.6	1431.5	1429.4	1420.7	1349.4	1332.1	1351.5
47.5°	1362.3	1362.3	1351.5	1345.1	1351.5	1362.3	1362.3	1351.5	1275.9	1258.6	1269.4
50°	1291.0	1288.8	1273.7	1271.5	1273.7	1288.8	1291.0	1284.5	1204.5	1189.4	1189.4
52.5°	1208.8	1208.8	1210.9	1215.3	1210.9	1208.8	1208.8	1210.9	1139.6	1124.5	1120.1
55°	1137.4	1139.6	1154.8	1159.1	1154.8	1139.6	1137.4	1137.4	1072.6	1057.4	1048.8
57.5°	1064.0	1064.0	1074.7	1074.7	1074.7	1064.0	1064.0	1059.6	996.9	983.9	979.6
60°	979.6	983.9	992.6	990.4	992.6	983.9	979.6	975.3	921.2	912.6	897.4
62.5°	890.9	895.3	897.4	893.1	897.4	895.3	890.9	878.0	845.5	839.0	819.5
65°	798.0	802.2	804.5	800.1	804.5	802.2	798.0	791.5	767.7	756.8	739.5
67.5°	702.8	700.6	698.5	707.2	698.5	700.6	702.8	694.1	679.0	670.4	646.6
70°	605.5	605.5	603.3	607.6	603.3	605.5	605.5	599.0	590.4	583.9	562.2
72.5°	501.7	499.5	508.2	501.7	508.2	499.5	501.7	499.5	495.2	488.7	467.1
75°	400.1	404.4	400.1	406.6	400.1	404.4	400.1	402.2	400.1	395.8	380.6
77.5°	304.9	309.3	304.9	304.9	304.9	309.3	304.9	307.1	307.1	307.1	294.1
80°	216.2	214.1	214.1	211.9	214.1	214.1	216.2	216.2	218.4	214.1	209.8
82.5°	138.4	136.2	136.2	140.6	136.2	136.2	138.4	140.6	136.2	136.2	136.2
85°	75.7	77.9	73.5	73.5	73.5	77.9	75.7	71.4	75.7	75.7	73.5
87.5°	28.1	26.0	26.0	26.0	26.0	26.0	28.1	30.2	30.2	30.2	32.5
90°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	40.4	53.8	60.6	52.1
92.5°	151.5	145.4	121.3	97.2	121.3	145.4	151.5	214.7	299.0	341.1	299.6
95°	514.1	495.9	422.8	349.9	422.8	495.9	514.1	675.1	889.8	997.2	842.2
97.5°	1186.9	1152.2	1013.3	874.4	1013.3	1152.2	1186.9	1288.6	1424.4	1492.2	1233.8
100°	1666.8	1625.4	1460.0	1294.5	1460.0	1625.4	1666.8	1659.4	1649.4	1644.4	1357.7
102.5°	2076.4	2041.0	1899.3	1757.6	1899.3	2041.0	2076.4	1946.7	1773.9	1687.5	1396.6
105°	2554.7	2535.6	2459.5	2383.3	2459.5	2535.6	2554.7	2264.0	1876.4	1682.7	1401.0
107.5°	2803.4	2808.0	2826.4	2844.8	2826.4	2808.0	2803.4	2398.0	1857.4	1587.0	1338.7
110°	2867.2	2887.0	2966.3	3045.7	2966.3	2887.0	2867.2	2413.9	1809.5	1507.3	1283.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2826.5	2857.0	2978.8	3100.7	2978.8	2857.0	2826.5	2362.6	1744.0	1434.8	1235.1
115°	2688.6	2730.8	2899.8	3068.8	2899.8	2730.8	2688.6	2241.7	1645.8	1347.9	1179.8
117.5°	2498.1	2544.9	2732.4	2919.8	2732.4	2544.9	2498.1	2094.7	1557.0	1288.1	1145.2
120°	2369.8	2415.2	2597.4	2779.5	2597.4	2415.2	2369.8	2001.3	1509.9	1264.2	1133.5
122.5°	2241.4	2286.3	2465.9	2645.5	2465.9	2286.3	2241.4	1909.6	1467.1	1245.9	1127.4
125°	2071.6	2113.0	2278.4	2443.9	2278.4	2113.0	2071.6	1789.7	1413.9	1225.9	1122.3
127.5°	1935.3	1970.2	2109.8	2249.5	2109.8	1970.2	1935.3	1693.3	1370.5	1209.2	1119.4
130°	1849.3	1881.5	2010.5	2139.4	2010.5	1881.5	1849.3	1633.8	1346.5	1202.9	1121.2
132.5°	1775.9	1804.8	1920.2	2035.8	1920.2	1804.8	1775.9	1583.0	1325.8	1197.2	1122.3
135°	1672.3	1697.2	1796.8	1896.3	1796.8	1697.2	1672.3	1510.8	1295.4	1187.7	1121.2
137.5°	1595.8	1616.2	1697.7	1779.1	1697.7	1616.2	1595.8	1459.2	1277.1	1186.1	1128.1
140°	1534.5	1553.5	1629.6	1705.8	1629.6	1553.5	1534.5	1416.4	1259.2	1180.5	1129.3
142.5°	1491.3	1507.7	1573.3	1638.8	1573.3	1507.7	1491.3	1387.7	1249.6	1180.5	1133.4
145°	1426.8	1439.2	1488.8	1538.4	1488.8	1439.2	1426.8	1342.1	1229.0	1172.5	1133.4
147.5°	1372.6	1382.9	1423.9	1465.1	1423.9	1382.9	1372.6	1305.9	1217.0	1172.5	1141.2
150°	1341.5	1349.8	1383.1	1416.4	1383.1	1349.8	1341.5	1285.2	1210.1	1172.5	1145.3
152.5°	1316.8	1323.1	1348.2	1373.4	1348.2	1323.1	1316.8	1268.7	1204.6	1172.5	1147.9
155°	1287.3	1291.5	1308.1	1324.8	1308.1	1291.5	1287.3	1249.0	1198.0	1172.5	1153.8
157.5°	1261.8	1264.7	1276.5	1288.1	1276.5	1264.7	1261.8	1232.1	1192.4	1172.5	1159.6
160°	1249.0	1250.7	1257.5	1264.2	1257.5	1250.7	1249.0	1223.6	1189.6	1172.5	1162.2
162.5°	1237.1	1238.7	1245.0	1251.4	1245.0	1238.7	1237.1	1215.5	1186.8	1172.5	1165.1
165°	1218.8	1220.5	1227.1	1233.9	1227.1	1220.5	1218.8	1203.4	1182.8	1172.5	1169.1
167.5°	1210.8	1211.5	1214.4	1217.2	1214.4	1211.5	1210.8	1200.7	1187.3	1180.5	1177.7
170°	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1210.8	1200.7	1187.3	1180.5	1180.4
172.5°	1204.4	1203.8	1201.3	1198.8	1201.3	1203.8	1204.4	1196.5	1185.8	1180.5	1180.5
175°	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1190.6	1183.9	1180.5	1182.1
177.5°	1194.1	1193.4	1190.5	1187.7	1190.5	1193.4	1194.1	1190.1	1184.7	1182.1	1183.3
180°	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7	1187.7



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2257.6	2268.4	2274.9	2283.6	2305.2
5°	2171.2	2212.2	2225.2	2257.6	2296.6
7.5°	1980.8	2106.2	2140.8	2218.7	2279.3
10°	1797.0	1922.5	1983.0	2166.8	2257.6
12.5°	1704.0	1777.5	1818.7	2076.0	2227.4
15°	1645.6	1697.5	1727.9	1954.9	2192.8
17.5°	1600.2	1637.0	1658.6	1836.0	2145.2
20°	1572.1	1589.4	1608.9	1749.4	2091.1
22.5°	1552.7	1541.9	1556.9	1688.9	2017.6
25°	1539.6	1498.6	1515.9	1641.3	1931.1
27.5°	1550.5	1459.6	1466.1	1598.1	1840.2
30°	1552.7	1412.1	1414.2	1552.7	1738.6
32.5°	1537.5	1362.3	1364.6	1496.5	1624.0
35°	1500.8	1304.0	1301.8	1431.5	1468.3
37.5°	1451.0	1241.3	1241.3	1360.2	1297.5
40°	1390.5	1178.6	1185.0	1267.2	1146.1
42.5°	1316.9	1111.5	1120.1	1144.0	1033.6
45°	1236.9	1046.6	1053.2	966.6	947.2
47.5°	1148.2	979.6	981.8	802.2	919.1
50°	1042.3	910.4	901.8	687.6	916.9
52.5°	949.3	834.7	808.8	622.8	832.6
55°	858.5	754.7	698.5	573.1	772.0
57.5°	778.5	650.9	596.8	514.7	759.0
60°	704.9	549.3	508.2	452.0	696.3
62.5°	644.5	473.5	464.9	408.7	631.4
65°	579.5	421.7	419.5	372.0	536.3
67.5°	516.8	387.1	384.9	337.3	408.7
70°	449.8	350.3	346.0	300.6	302.7
72.5°	380.6	309.3	304.9	270.3	250.8
75°	311.4	261.6	259.5	235.7	203.3
77.5°	244.4	207.6	211.9	190.3	149.2
80°	175.2	151.4	155.7	136.2	112.5
82.5°	116.8	99.5	103.8	86.5	75.7
85°	64.8	56.2	58.4	45.4	34.6
87.5°	30.2	26.0	26.0	17.3	10.8
90°	35.1	22.3	20.7	14.4	8.0
92.5°	216.3	153.9	140.3	86.1	31.9
95°	532.2	299.7	274.9	175.7	76.5
97.5°	716.9	329.2	307.3	219.8	132.3
100°	784.1	353.9	334.1	254.7	175.3
102.5°	814.9	378.6	360.1	286.1	212.1
105°	837.8	415.3	399.6	336.9	274.2
107.5°	841.9	469.5	454.9	396.4	338.0
110°	835.6	499.8	486.6	433.8	381.0



TEST NUMBER: P936171

CATALOG NUMBER: SQ4-FA-150U-125D-935-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	835.9	536.4	523.8	473.5	423.3
115°	843.6	591.5	579.9	533.4	487.0
117.5°	859.3	644.9	634.3	592.1	550.0
120°	872.0	676.0	666.1	626.4	586.7
122.5°	890.3	712.6	702.6	662.6	622.6
125°	915.0	759.6	750.5	714.0	677.5
127.5°	939.8	805.1	795.9	759.0	722.2
130°	957.9	835.4	825.5	785.8	746.1
132.5°	972.5	860.1	850.2	810.5	770.8
135°	988.4	888.8	879.8	843.6	807.4
137.5°	1012.3	925.4	916.5	880.7	844.9
140°	1026.9	950.2	941.9	909.0	876.0
142.5°	1039.2	968.5	960.9	930.4	899.9
145°	1055.1	996.4	989.8	963.2	936.6
147.5°	1078.5	1031.4	1025.0	999.1	973.2
150°	1090.6	1049.7	1043.9	1020.5	997.2
152.5°	1098.7	1061.8	1057.3	1039.6	1021.9
155°	1116.2	1088.0	1084.8	1071.6	1058.5
157.5°	1133.8	1114.3	1111.2	1098.4	1085.6
160°	1141.7	1126.3	1123.8	1113.9	1104.0
162.5°	1150.2	1139.0	1137.2	1129.8	1122.3
165°	1162.4	1157.4	1155.7	1149.0	1142.3
167.5°	1172.0	1167.8	1167.0	1163.7	1160.6
170°	1179.9	1179.7	1178.9	1175.7	1172.5
172.5°	1180.5	1180.5	1180.4	1179.6	1178.9
175°	1185.3	1187.7	1187.7	1187.7	1187.7
177.5°	1185.8	1187.7	1187.7	1187.7	1187.7
180°	1187.7	1187.7	1187.7	1187.7	1187.7



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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	13.38	14.18	14.39	15.20	16.56	16.20	17.01	17.21	18.03	19.39
	3H	13.85	14.57	14.87	15.60	16.98	17.54	18.26	18.56	19.29	20.67
	4H	14.04	14.72	15.07	15.75	17.14	17.98	18.66	19.01	19.70	21.08
	6H	14.15	14.78	15.20	15.82	17.22	18.26	18.89	19.30	19.93	21.33
	8H	14.15	14.75	15.20	15.80	17.20	18.33	18.93	19.38	19.98	21.38
	12H	14.12	14.69	15.18	15.74	17.16	18.37	18.94	19.42	19.98	21.41
4H	2H	14.40	15.08	15.44	16.12	17.50	16.60	17.29	17.64	18.32	19.71
	3H	15.42	15.99	16.47	17.05	18.45	18.10	18.67	19.15	19.73	21.13
	4H	15.70	16.22	16.75	17.27	18.69	18.63	19.15	19.68	20.20	21.62
	6H	15.82	16.27	16.88	17.34	18.76	18.99	19.44	20.05	20.51	21.93
	8H	15.82	16.24	16.89	17.31	18.74	19.09	19.51	20.16	20.58	22.01
	12H	15.79	16.16	16.87	17.25	18.69	19.14	19.52	20.23	20.60	22.04
8H	4H	16.14	16.56	17.21	17.63	19.06	18.75	19.16	19.81	20.23	21.67
	6H	16.40	16.75	17.49	17.86	19.29	19.18	19.52	20.27	20.63	22.07
	8H	16.44	16.75	17.54	17.84	19.29	19.33	19.63	20.43	20.73	22.18
	12H	16.43	16.69	17.53	17.78	19.27	19.42	19.69	20.52	20.78	22.27
12H	4H	16.15	16.53	17.23	17.61	19.05	18.71	19.09	19.79	20.17	21.61
	6H	16.46	16.77	17.56	17.86	19.31	19.18	19.48	20.27	20.57	22.02
	8H	16.53	16.79	17.63	17.88	19.37	19.33	19.60	20.43	20.69	22.18