

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: P935724

Luminaire Tested: SQ4-FA-125U-125D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935724
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-927-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

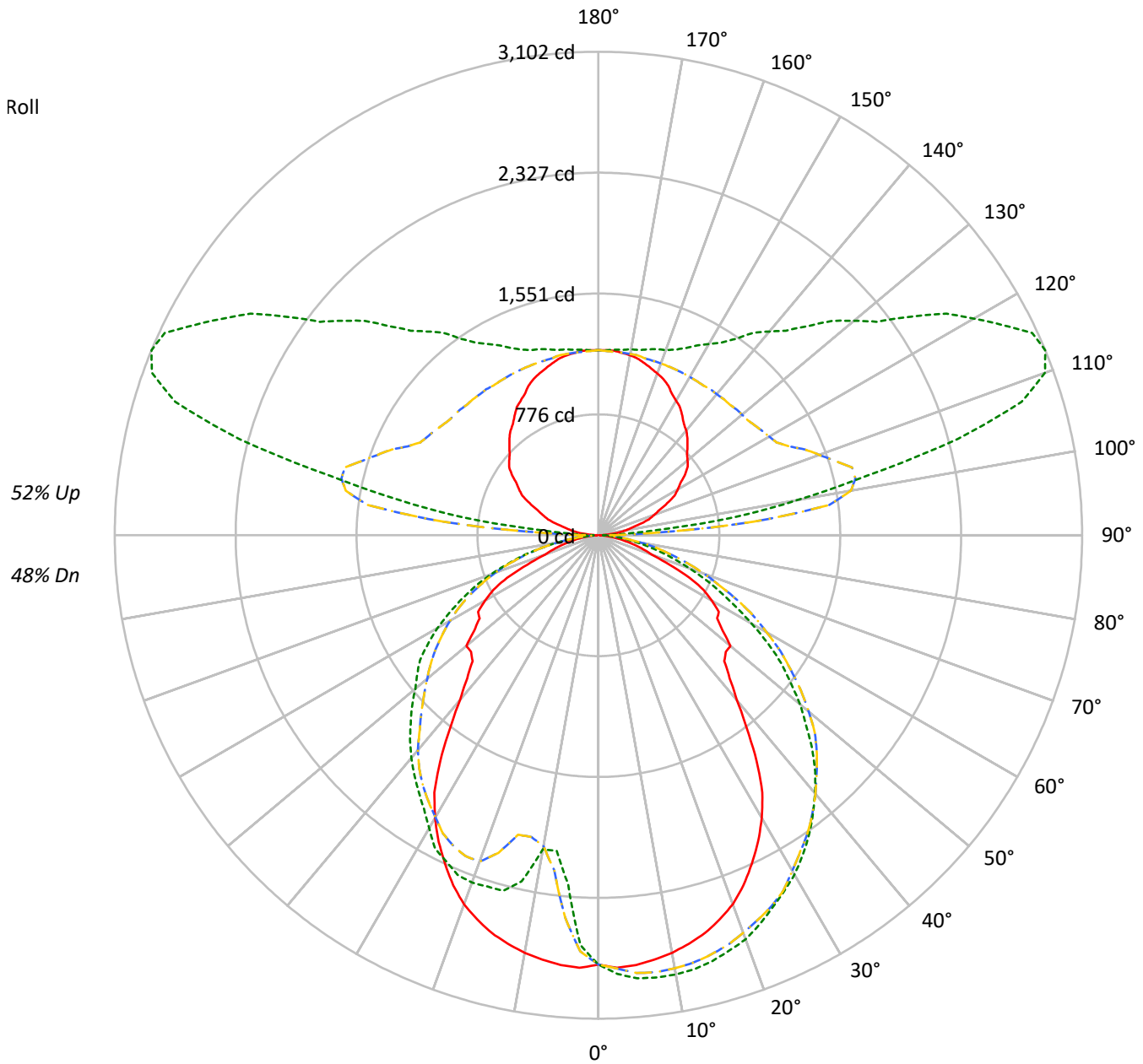
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14847.9 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 150.4
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: P935724
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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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12779	12779	12779	12779
5°	12875	12901	12875	10144
10°	12789	12707	12789	9085
15°	12650	12432	12650	10381
20°	12385	12106	12385	10403
25°	11844	11630	11844	10182
30°	11144	11235	11144	9698
35°	9935	10736	9935	9167
40°	8278	10148	8278	8764
45°	7397	9459	7397	8302
50°	7858	8638	7858	7839
55°	7393	7754	7393	7570
60°	7621	6586	7621	6934
65°	6910	5444	6910	6085
70°	4784	4338	4784	5101
75°	4194	3207	4194	3840
80°	3381	2120	3381	2309
85°	1942	1124	1942	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11336 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	1.7
10°-20°	705.9	4.8
20°-30°	1091.3	7.3
30°-40°	1302.7	8.8
40°-50°	1310.4	8.8
50°-60°	1140.2	7.7
60°-70°	808.4	5.4
70°-80°	427.7	2.9
80°-90°	111.1	0.7
90°-100°	579.1	3.9
100°-110°	1522.5	10.3
110°-120°	1578.7	10.6
120°-130°	1266.3	8.5
130°-140°	993.6	6.7
140°-150°	762.6	5.1
150°-160°	549.2	3.7
160°-170°	336.0	2.3
170°-180°	113.5	0.8
0°-30°	2045.8	13.8
0°-40°	3348.6	22.6
0°-60°	5799.1	39.1
0°-90°	7146.3	48.1
90°-120°	3680.3	24.8
90°-150°	6702.9	45.1
90°-180°	7702.0	51.9
0°-180°	14847.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2754	2754	2754	2754	2754	
5°	2768	2854	2768	2244	2768	263
15°	2642	2827	2642	2361	2642	743
25°	2327	2637	2327	2309	2327	1068
35°	1769	2353	1769	2009	1769	1095
45°	1141	1939	1141	1702	1141	914
55°	930	1431	930	1397	930	855
65°	646	863	646	964	646	618
75°	245	409	245	490	245	258
85°	42	104	42	89	42	56
90°	8	30	8	30	8	8
95°	76	350	76	350	76	85
105°	274	2384	274	2384	274	291
115°	487	3070	487	3070	487	481
125°	678	2445	678	2445	678	602
135°	808	1897	808	1897	808	625
145°	937	1539	937	1539	937	587
155°	1059	1325	1059	1325	1059	487
165°	1143	1234	1143	1234	1143	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°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2777.9	2777.9	2793.5	2798.7	2798.7	2790.9	2783.1	2790.9	2814.4	2822.2	2819.6
5°	2767.5	2788.3	2817.0	2822.2	2827.4	2824.8	2819.6	2824.8	2850.8	2856.1	2858.7
7.5°	2746.6	2785.7	2822.2	2830.0	2837.8	2830.0	2827.4	2832.6	2858.7	2863.9	2863.9
10°	2720.6	2775.3	2817.0	2822.2	2830.0	2822.2	2822.2	2832.6	2858.7	2863.9	2866.5
12.5°	2684.1	2759.6	2798.7	2804.0	2814.4	2811.7	2809.2	2819.6	2845.6	2850.8	2850.8
15°	2642.4	2731.0	2767.5	2772.7	2790.9	2785.7	2785.7	2796.1	2824.8	2832.6	2830.0
17.5°	2585.0	2694.5	2736.2	2744.0	2757.1	2754.4	2757.1	2767.5	2793.5	2798.7	2801.3
20°	2519.9	2645.0	2694.5	2702.3	2715.3	2715.3	2715.3	2728.3	2754.4	2764.8	2764.8
22.5°	2431.3	2592.9	2645.0	2650.2	2665.8	2665.8	2671.1	2689.3	2712.7	2715.3	2715.3
25°	2327.1	2535.5	2579.8	2595.4	2611.1	2618.9	2626.8	2637.2	2645.0	2642.4	2645.0
27.5°	2217.6	2462.5	2519.9	2530.3	2551.2	2559.0	2569.4	2572.0	2574.6	2582.4	2577.2
30°	2095.2	2361.0	2446.9	2457.4	2491.3	2496.4	2486.0	2491.3	2504.3	2509.5	2514.7
32.5°	1957.0	2209.8	2371.4	2394.9	2426.1	2410.5	2407.9	2415.6	2436.5	2436.5	2441.7
35°	1769.4	2092.6	2301.0	2321.9	2345.3	2327.1	2337.5	2340.1	2353.1	2361.0	2358.4
37.5°	1563.6	1990.9	2228.1	2243.7	2262.0	2238.5	2254.1	2262.0	2272.3	2267.1	2267.1
40°	1381.1	1831.9	2142.1	2152.5	2168.1	2149.8	2165.5	2170.7	2175.9	2170.7	2168.1
42.5°	1245.6	1657.3	2050.8	2063.8	2053.4	2066.4	2071.7	2082.1	2074.3	2063.8	2063.8
45°	1141.4	1610.5	1951.8	1967.4	1951.8	1972.7	1980.5	1980.5	1957.0	1951.8	1949.2
47.5°	1107.5	1516.6	1852.8	1852.8	1845.0	1871.0	1884.0	1865.8	1842.4	1834.5	1834.5
50°	1104.9	1412.4	1717.3	1706.9	1743.4	1774.6	1761.6	1743.4	1725.1	1696.5	1696.5
52.5°	1003.2	1284.7	1542.7	1581.8	1639.1	1657.3	1636.5	1618.2	1587.0	1574.0	1563.6
55°	930.3	1151.8	1383.8	1461.9	1521.8	1545.3	1506.2	1487.9	1441.1	1433.3	1428.0
57.5°	914.7	959.0	1237.8	1336.8	1409.8	1407.2	1383.8	1349.9	1310.8	1302.9	1300.4
60°	839.1	693.2	1081.5	1198.7	1274.3	1266.5	1245.6	1214.4	1177.9	1172.6	1167.5
62.5°	760.9	503.0	904.2	1037.1	1144.0	1141.4	1123.1	1076.2	1050.2	1037.1	1026.7
65°	646.3	422.2	643.6	862.6	1016.3	1021.5	982.4	948.6	919.8	904.2	901.7
67.5°	492.5	344.0	435.2	719.3	893.8	888.6	839.1	823.4	787.0	779.2	763.5
70°	364.8	229.3	302.3	583.7	773.9	760.9	721.8	703.6	669.7	651.5	641.0
72.5°	302.3	185.0	221.5	453.5	651.5	635.9	602.0	581.1	552.5	536.8	526.4
75°	244.9	195.4	169.4	336.2	529.0	518.6	487.3	466.5	443.0	422.2	424.7
77.5°	179.8	182.4	135.5	247.6	419.6	403.9	385.7	359.6	349.2	328.3	328.3
80°	135.5	143.3	101.6	169.4	302.3	302.3	286.7	268.4	250.2	239.8	239.8
82.5°	91.2	91.2	75.5	106.9	205.9	198.0	187.6	182.4	172.0	166.8	166.8
85°	41.7	52.1	46.9	65.1	112.0	117.3	117.3	112.0	109.4	104.3	106.9
87.5°	13.0	23.5	28.6	36.5	57.4	59.9	62.5	62.5	62.5	65.1	65.1
90°	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.3	30.3	30.3
92.5°	31.9	86.1	140.4	153.9	216.4	299.6	341.3	299.1	214.8	151.5	145.5
95°	76.5	175.8	275.0	299.8	532.4	842.5	997.5	890.1	675.4	514.3	496.0
97.5°	132.4	219.9	307.5	329.3	717.1	1234.2	1492.6	1424.8	1289.1	1187.3	1152.5
100°	175.4	254.8	334.2	354.0	784.3	1358.0	1645.0	1649.9	1659.8	1667.3	1625.9
102.5°	212.1	286.1	360.2	378.8	815.2	1397.1	1688.0	1774.5	1947.4	2077.1	2041.7
105°	274.3	337.0	399.7	415.4	838.0	1401.5	1683.2	1877.0	2264.7	2555.5	2536.5
107.5°	338.1	396.6	455.0	469.6	842.2	1339.1	1587.5	1857.9	2398.7	2804.3	2808.9
110°	381.2	434.0	486.8	500.0	835.9	1283.8	1507.8	1810.1	2414.6	2868.0	2887.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	423.4	473.7	524.1	536.6	836.1	1235.5	1435.2	1744.6	2363.3	2827.4	2857.9
115°	487.2	533.6	580.0	591.6	843.8	1180.2	1348.3	1646.3	2242.4	2689.5	2731.7
117.5°	550.2	592.4	634.5	645.0	859.6	1145.5	1288.5	1557.5	2095.4	2498.9	2545.8
120°	586.8	626.5	666.2	676.1	872.3	1133.8	1264.6	1510.4	2001.8	2370.5	2416.0
122.5°	622.7	662.7	702.8	712.8	890.6	1127.7	1246.2	1467.5	1910.2	2242.2	2287.1
125°	677.8	714.3	750.8	759.8	915.3	1122.7	1226.3	1414.3	1790.3	2072.3	2113.6
127.5°	722.4	759.3	796.1	805.3	940.1	1119.7	1209.6	1371.0	1693.8	1935.9	1970.8
130°	746.3	786.0	825.7	835.6	958.1	1121.5	1203.2	1346.9	1634.3	1849.8	1882.1
132.5°	771.0	810.7	850.4	860.3	972.7	1122.7	1197.6	1326.2	1583.5	1776.5	1805.3
135°	807.7	843.8	880.0	889.0	988.7	1121.6	1188.0	1295.8	1511.2	1672.8	1697.7
137.5°	845.2	881.0	916.8	925.7	1012.6	1128.5	1186.4	1277.5	1459.7	1596.3	1616.7
140°	876.3	909.2	942.2	950.4	1027.3	1129.7	1180.9	1259.6	1416.9	1534.9	1553.9
142.5°	900.2	930.7	961.1	968.7	1039.4	1133.7	1180.9	1249.9	1388.2	1491.8	1508.2
145°	936.9	963.4	990.1	996.7	1055.4	1133.7	1172.9	1229.4	1342.5	1427.3	1439.7
147.5°	973.6	999.5	1025.3	1031.8	1078.8	1141.5	1172.9	1217.4	1306.3	1373.1	1383.3
150°	997.5	1020.9	1044.3	1050.1	1091.0	1145.6	1172.9	1210.4	1285.6	1342.0	1350.3
152.5°	1022.2	1039.9	1057.6	1062.1	1099.0	1148.2	1172.9	1205.0	1269.1	1317.2	1323.6
155°	1058.9	1072.0	1085.1	1088.4	1116.6	1154.1	1172.9	1198.4	1249.5	1287.7	1291.9
157.5°	1086.0	1098.7	1111.5	1114.7	1134.1	1159.9	1172.9	1192.7	1232.4	1262.2	1265.1
160°	1104.3	1114.3	1124.2	1126.7	1142.1	1162.6	1172.9	1189.9	1223.9	1249.4	1251.1
162.5°	1122.7	1130.1	1137.5	1139.4	1150.5	1165.4	1172.9	1187.2	1215.9	1237.5	1239.1
165°	1142.6	1149.4	1156.1	1157.8	1162.8	1169.5	1172.9	1183.2	1203.7	1219.1	1220.8
167.5°	1160.9	1164.1	1167.3	1168.1	1172.3	1178.0	1180.9	1187.6	1201.0	1211.1	1211.8
170°	1172.9	1176.1	1179.3	1180.1	1180.3	1180.7	1180.9	1187.6	1201.0	1211.1	1211.1
172.5°	1179.3	1179.9	1180.7	1180.9	1180.9	1180.9	1180.9	1186.2	1196.8	1204.8	1204.2
175°	1188.0	1188.0	1188.0	1188.0	1185.6	1182.5	1180.9	1184.3	1191.0	1196.0	1196.0
177.5°	1188.0	1188.0	1188.0	1188.0	1186.2	1183.7	1182.5	1185.1	1190.4	1194.4	1193.7
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2824.8	2817.0	2824.8	2819.6	2822.2	2814.4	2790.9	2783.1	2790.9	2798.7	2798.7
5°	2858.7	2853.5	2858.7	2858.7	2856.1	2850.8	2824.8	2819.6	2824.8	2827.4	2822.2
7.5°	2869.1	2861.2	2869.1	2863.9	2863.9	2858.7	2832.6	2827.4	2830.0	2837.8	2830.0
10°	2869.1	2861.2	2869.1	2866.5	2863.9	2858.7	2832.6	2822.2	2822.2	2830.0	2822.2
12.5°	2856.1	2850.8	2856.1	2850.8	2850.8	2845.6	2819.6	2809.2	2811.7	2814.4	2804.0
15°	2835.2	2827.4	2835.2	2830.0	2832.6	2824.8	2796.1	2785.7	2785.7	2790.9	2772.7
17.5°	2804.0	2793.5	2804.0	2801.3	2798.7	2793.5	2767.5	2757.1	2754.4	2757.1	2744.0
20°	2767.5	2759.6	2767.5	2764.8	2764.8	2754.4	2728.3	2715.3	2715.3	2715.3	2702.3
22.5°	2710.1	2702.3	2710.1	2715.3	2715.3	2712.7	2689.3	2671.1	2665.8	2665.8	2650.2
25°	2645.0	2637.2	2645.0	2645.0	2642.4	2645.0	2637.2	2626.8	2618.9	2611.1	2595.4
27.5°	2582.4	2577.2	2582.4	2577.2	2582.4	2574.6	2572.0	2569.4	2559.0	2551.2	2530.3
30°	2519.9	2514.7	2519.9	2514.7	2509.5	2504.3	2491.3	2486.0	2496.4	2491.3	2457.4
32.5°	2441.7	2436.5	2441.7	2441.7	2436.5	2436.5	2415.6	2407.9	2410.5	2426.1	2394.9
35°	2361.0	2353.1	2361.0	2358.4	2361.0	2353.1	2340.1	2337.5	2327.1	2345.3	2321.9
37.5°	2267.1	2259.3	2267.1	2267.1	2267.1	2272.3	2262.0	2254.1	2238.5	2262.0	2243.7
40°	2170.7	2160.3	2170.7	2168.1	2170.7	2175.9	2170.7	2165.5	2149.8	2168.1	2152.5
42.5°	2061.3	2058.7	2061.3	2063.8	2063.8	2074.3	2082.1	2071.7	2066.4	2053.4	2063.8
45°	1944.0	1938.8	1944.0	1949.2	1951.8	1957.0	1980.5	1980.5	1972.7	1951.8	1967.4
47.5°	1818.9	1805.9	1818.9	1834.5	1834.5	1842.4	1865.8	1884.0	1871.0	1845.0	1852.8
50°	1686.0	1688.6	1686.0	1696.5	1696.5	1725.1	1743.4	1761.6	1774.6	1743.4	1706.9
52.5°	1555.7	1553.1	1555.7	1563.6	1574.0	1587.0	1618.2	1636.5	1657.3	1639.1	1581.8
55°	1425.4	1430.7	1425.4	1428.0	1433.3	1441.1	1487.9	1506.2	1545.3	1521.8	1461.9
57.5°	1295.1	1287.3	1295.1	1300.4	1302.9	1310.8	1349.9	1383.8	1407.2	1409.8	1336.8
60°	1144.0	1133.6	1144.0	1167.5	1172.6	1177.9	1214.4	1245.6	1266.5	1274.3	1198.7
62.5°	1011.1	992.8	1011.1	1026.7	1037.1	1050.2	1076.2	1123.1	1141.4	1144.0	1037.1
65°	870.3	862.6	870.3	901.7	904.2	919.8	948.6	982.4	1021.5	1016.3	862.6
67.5°	742.7	742.7	742.7	763.5	779.2	787.0	823.4	839.1	888.6	893.8	719.3
70°	625.4	622.8	625.4	641.0	651.5	669.7	703.6	721.8	760.9	773.9	583.7
72.5°	513.4	510.7	513.4	526.4	536.8	552.5	581.1	602.0	635.9	651.5	453.5
75°	414.3	409.1	414.3	424.7	422.2	443.0	466.5	487.3	518.6	529.0	336.2
77.5°	317.9	317.9	317.9	328.3	328.3	349.2	359.6	385.7	403.9	419.6	247.6
80°	237.2	234.5	237.2	239.8	239.8	250.2	268.4	286.7	302.3	302.3	169.4
82.5°	166.8	161.5	166.8	166.8	166.8	172.0	182.4	187.6	198.0	205.9	106.9
85°	104.3	104.3	104.3	106.9	104.3	109.4	112.0	117.3	117.3	112.0	65.1
87.5°	67.8	65.1	67.8	65.1	65.1	62.5	62.5	62.5	59.9	57.4	36.5
90°	30.3	30.3	30.3	30.3	30.3	40.3	53.8	60.6	52.1	35.1	22.3
92.5°	121.4	97.3	121.4	145.5	151.5	214.8	299.1	341.3	299.6	216.4	153.9
95°	423.0	350.0	423.0	496.0	514.3	675.4	890.1	997.5	842.5	532.4	299.8
97.5°	1013.6	874.7	1013.6	1152.5	1187.3	1289.1	1424.8	1492.6	1234.2	717.1	329.3
100°	1460.4	1294.9	1460.4	1625.9	1667.3	1659.8	1649.9	1645.0	1358.0	784.3	354.0
102.5°	1899.9	1758.1	1899.9	2041.7	2077.1	1947.4	1774.5	1688.0	1397.1	815.2	378.8
105°	2460.2	2384.1	2460.2	2536.5	2555.5	2264.7	1877.0	1683.2	1401.5	838.0	415.4
107.5°	2827.3	2845.7	2827.3	2808.9	2804.3	2398.7	1857.9	1587.5	1339.1	842.2	469.6
110°	2967.3	3046.7	2967.3	2887.9	2868.0	2414.6	1810.1	1507.8	1283.8	835.9	500.0



TEST NUMBER: P935724

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2979.7	3101.6	2979.7	2857.9	2827.4	2363.3	1744.6	1435.2	1235.5	836.1	536.6
115°	2900.7	3069.8	2900.7	2731.7	2689.5	2242.4	1646.3	1348.3	1180.2	843.8	591.6
117.5°	2733.2	2920.7	2733.2	2545.8	2498.9	2095.4	1557.5	1288.5	1145.5	859.6	645.0
120°	2598.2	2780.3	2598.2	2416.0	2370.5	2001.8	1510.4	1264.6	1133.8	872.3	676.1
122.5°	2466.8	2646.4	2466.8	2287.1	2242.2	1910.2	1467.5	1246.2	1127.7	890.6	712.8
125°	2279.2	2444.7	2279.2	2113.6	2072.3	1790.3	1414.3	1226.3	1122.7	915.3	759.8
127.5°	2110.5	2250.1	2110.5	1970.8	1935.9	1693.8	1371.0	1209.6	1119.7	940.1	805.3
130°	2011.1	2140.1	2011.1	1882.1	1849.8	1634.3	1346.9	1203.2	1121.5	958.1	835.6
132.5°	1920.9	2036.4	1920.9	1805.3	1776.5	1583.5	1326.2	1197.6	1122.7	972.7	860.3
135°	1797.3	1896.9	1797.3	1697.7	1672.8	1511.2	1295.8	1188.0	1121.6	988.7	889.0
137.5°	1698.2	1779.7	1698.2	1616.7	1596.3	1459.7	1277.5	1186.4	1128.5	1012.6	925.7
140°	1630.2	1706.3	1630.2	1553.9	1534.9	1416.9	1259.6	1180.9	1129.7	1027.3	950.4
142.5°	1573.7	1639.3	1573.7	1508.2	1491.8	1388.2	1249.9	1180.9	1133.7	1039.4	968.7
145°	1489.3	1538.8	1489.3	1439.7	1427.3	1342.5	1229.4	1172.9	1133.7	1055.4	996.7
147.5°	1424.4	1465.5	1424.4	1383.3	1373.1	1306.3	1217.4	1172.9	1141.5	1078.8	1031.8
150°	1383.6	1416.9	1383.6	1350.3	1342.0	1285.6	1210.4	1172.9	1145.6	1091.0	1050.1
152.5°	1348.7	1373.8	1348.7	1323.6	1317.2	1269.1	1205.0	1172.9	1148.2	1099.0	1062.1
155°	1308.5	1325.2	1308.5	1291.9	1287.7	1249.5	1198.4	1172.9	1154.1	1116.6	1088.4
157.5°	1276.8	1288.5	1276.8	1265.1	1262.2	1232.4	1192.7	1172.9	1159.9	1134.1	1114.7
160°	1257.8	1264.6	1257.8	1251.1	1249.4	1223.9	1189.9	1172.9	1162.6	1142.1	1126.7
162.5°	1245.5	1251.9	1245.5	1239.1	1237.5	1215.9	1187.2	1172.9	1165.4	1150.5	1139.4
165°	1227.5	1234.3	1227.5	1220.8	1219.1	1203.7	1183.2	1172.9	1169.5	1162.8	1157.8
167.5°	1214.7	1217.5	1214.7	1211.8	1211.1	1201.0	1187.6	1180.9	1178.0	1172.3	1168.1
170°	1211.1	1211.1	1211.1	1211.1	1211.1	1201.0	1187.6	1180.9	1180.7	1180.3	1180.1
172.5°	1201.7	1199.2	1201.7	1204.2	1204.8	1196.8	1186.2	1180.9	1180.9	1180.9	1180.9
175°	1196.0	1196.0	1196.0	1196.0	1196.0	1191.0	1184.3	1180.9	1182.5	1185.6	1188.0
177.5°	1190.9	1188.0	1190.9	1193.7	1194.4	1190.4	1185.1	1182.5	1183.7	1186.2	1188.0
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



TEST NUMBER: P935724

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2793.5	2777.9	2777.9	2751.8	2741.4	2733.6	2720.6	2681.4	2671.1	2660.6	2676.3
5°	2817.0	2788.3	2767.5	2720.6	2681.4	2665.8	2616.3	2522.5	2460.0	2413.0	2387.0
7.5°	2822.2	2785.7	2746.6	2673.7	2579.8	2538.2	2387.0	2215.0	2168.1	2126.4	2100.3
10°	2817.0	2775.3	2720.6	2611.1	2389.6	2316.6	2165.5	2053.4	2024.8	2016.9	2024.8
12.5°	2798.7	2759.6	2684.1	2501.7	2191.6	2142.1	2053.4	1988.3	1983.1	1996.1	2066.4
15°	2767.5	2731.0	2642.4	2355.7	2082.1	2045.7	1983.1	1959.6	1988.3	2079.5	2290.6
17.5°	2736.2	2694.5	2585.0	2212.4	1998.7	1972.7	1928.4	1975.3	2136.8	2259.3	2329.6
20°	2694.5	2645.0	2519.9	2108.2	1938.8	1915.3	1894.5	2105.6	2228.1	2272.3	2311.5
22.5°	2645.0	2592.9	2431.3	2035.2	1876.3	1858.0	1871.0	2178.6	2228.1	2259.3	2293.2
25°	2579.8	2535.5	2327.1	1977.9	1826.7	1805.9	1855.4	2170.7	2199.4	2207.2	2275.0
27.5°	2519.9	2462.5	2217.6	1925.8	1766.8	1759.0	1868.4	2136.8	2157.7	2165.5	2238.5
30°	2446.9	2361.0	2095.2	1871.0	1704.2	1701.6	1871.0	2095.2	2089.9	2110.8	2183.7
32.5°	2371.4	2209.8	1957.0	1803.3	1644.3	1641.7	1852.8	2032.6	2027.4	2056.1	2110.8
35°	2301.0	2092.6	1769.4	1725.1	1568.7	1571.3	1808.5	1959.6	1962.3	1988.3	2022.2
37.5°	2228.1	1990.9	1563.6	1639.1	1495.8	1495.8	1748.5	1891.9	1886.7	1894.5	1941.4
40°	2142.1	1831.9	1381.1	1527.1	1428.0	1420.2	1675.6	1818.9	1800.6	1798.1	1863.2
42.5°	2050.8	1657.3	1245.6	1378.5	1349.9	1339.4	1587.0	1730.3	1696.5	1704.2	1787.6
45°	1951.8	1610.5	1141.4	1164.9	1269.0	1261.3	1490.6	1628.7	1605.2	1626.1	1712.1
47.5°	1852.8	1516.6	1107.5	966.8	1183.1	1180.5	1383.8	1529.7	1516.6	1537.5	1628.7
50°	1717.3	1412.4	1104.9	828.7	1086.6	1097.1	1256.0	1433.3	1433.3	1451.4	1547.9
52.5°	1542.7	1284.7	1003.2	750.5	974.6	1005.9	1144.0	1349.9	1355.0	1373.3	1459.3
55°	1383.8	1151.8	930.3	690.5	841.7	909.4	1034.6	1263.9	1274.3	1292.5	1370.7
57.5°	1237.8	959.0	914.7	620.2	719.3	784.4	938.1	1180.5	1185.6	1201.4	1276.9
60°	1081.5	693.2	839.1	544.6	612.4	661.9	849.5	1081.5	1099.7	1110.1	1175.3
62.5°	904.2	503.0	760.9	492.5	560.3	570.7	776.5	987.6	1011.1	1018.9	1058.0
65°	643.6	422.2	646.3	448.2	505.5	508.1	698.4	891.2	912.1	925.1	953.7
67.5°	435.2	344.0	492.5	406.5	463.8	466.5	622.8	779.2	807.8	818.3	836.5
70°	302.3	229.3	364.8	362.2	417.0	422.2	542.0	677.5	703.6	711.4	721.8
72.5°	221.5	185.0	302.3	325.7	367.4	372.7	458.6	562.9	588.9	596.8	602.0
75°	169.4	195.4	244.9	284.1	312.7	315.3	375.2	458.6	476.9	482.1	484.7
77.5°	135.5	182.4	179.8	229.3	255.4	250.2	294.4	354.4	370.1	370.1	370.1
80°	101.6	143.3	135.5	164.2	187.6	182.4	211.1	252.8	258.0	263.2	260.6
82.5°	75.5	91.2	91.2	104.3	125.0	119.9	140.8	164.2	164.2	164.2	169.4
85°	46.9	52.1	41.7	54.7	70.4	67.8	78.2	88.6	91.2	91.2	86.0
87.5°	28.6	23.5	13.0	20.9	31.3	31.3	36.5	39.1	36.5	36.5	36.5
90°	20.7	14.4	8.0	14.4	20.7	22.3	35.1	52.1	60.6	53.8	40.3
92.5°	140.4	86.1	31.9	86.1	140.4	153.9	216.4	299.6	341.3	299.1	214.8
95°	275.0	175.8	76.5	175.8	275.0	299.8	532.4	842.5	997.5	890.1	675.4
97.5°	307.5	219.9	132.4	219.9	307.5	329.3	717.1	1234.2	1492.6	1424.8	1289.1
100°	334.2	254.8	175.4	254.8	334.2	354.0	784.3	1358.0	1645.0	1649.9	1659.8
102.5°	360.2	286.1	212.1	286.1	360.2	378.8	815.2	1397.1	1688.0	1774.5	1947.4
105°	399.7	337.0	274.3	337.0	399.7	415.4	838.0	1401.5	1683.2	1877.0	2264.7
107.5°	455.0	396.6	338.1	396.6	455.0	469.6	842.2	1339.1	1587.5	1857.9	2398.7
110°	486.8	434.0	381.2	434.0	486.8	500.0	835.9	1283.8	1507.8	1810.1	2414.6



TEST NUMBER: P935724

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	524.1	473.7	423.4	473.7	524.1	536.6	836.1	1235.5	1435.2	1744.6	2363.3
115°	580.0	533.6	487.2	533.6	580.0	591.6	843.8	1180.2	1348.3	1646.3	2242.4
117.5°	634.5	592.4	550.2	592.4	634.5	645.0	859.6	1145.5	1288.5	1557.5	2095.4
120°	666.2	626.5	586.8	626.5	666.2	676.1	872.3	1133.8	1264.6	1510.4	2001.8
122.5°	702.8	662.7	622.7	662.7	702.8	712.8	890.6	1127.7	1246.2	1467.5	1910.2
125°	750.8	714.3	677.8	714.3	750.8	759.8	915.3	1122.7	1226.3	1414.3	1790.3
127.5°	796.1	759.3	722.4	759.3	796.1	805.3	940.1	1119.7	1209.6	1371.0	1693.8
130°	825.7	786.0	746.3	786.0	825.7	835.6	958.1	1121.5	1203.2	1346.9	1634.3
132.5°	850.4	810.7	771.0	810.7	850.4	860.3	972.7	1122.7	1197.6	1326.2	1583.5
135°	880.0	843.8	807.7	843.8	880.0	889.0	988.7	1121.6	1188.0	1295.8	1511.2
137.5°	916.8	881.0	845.2	881.0	916.8	925.7	1012.6	1128.5	1186.4	1277.5	1459.7
140°	942.2	909.2	876.3	909.2	942.2	950.4	1027.3	1129.7	1180.9	1259.6	1416.9
142.5°	961.1	930.7	900.2	930.7	961.1	968.7	1039.4	1133.7	1180.9	1249.9	1388.2
145°	990.1	963.4	936.9	963.4	990.1	996.7	1055.4	1133.7	1172.9	1229.4	1342.5
147.5°	1025.3	999.5	973.6	999.5	1025.3	1031.8	1078.8	1141.5	1172.9	1217.4	1306.3
150°	1044.3	1020.9	997.5	1020.9	1044.3	1050.1	1091.0	1145.6	1172.9	1210.4	1285.6
152.5°	1057.6	1039.9	1022.2	1039.9	1057.6	1062.1	1099.0	1148.2	1172.9	1205.0	1269.1
155°	1085.1	1072.0	1058.9	1072.0	1085.1	1088.4	1116.6	1154.1	1172.9	1198.4	1249.5
157.5°	1111.5	1098.7	1086.0	1098.7	1111.5	1114.7	1134.1	1159.9	1172.9	1192.7	1232.4
160°	1124.2	1114.3	1104.3	1114.3	1124.2	1126.7	1142.1	1162.6	1172.9	1189.9	1223.9
162.5°	1137.5	1130.1	1122.7	1130.1	1137.5	1139.4	1150.5	1165.4	1172.9	1187.2	1215.9
165°	1156.1	1149.4	1142.6	1149.4	1156.1	1157.8	1162.8	1169.5	1172.9	1183.2	1203.7
167.5°	1167.3	1164.1	1160.9	1164.1	1167.3	1168.1	1172.3	1178.0	1180.9	1187.6	1201.0
170°	1179.3	1176.1	1172.9	1176.1	1179.3	1180.1	1180.3	1180.7	1180.9	1187.6	1201.0
172.5°	1180.7	1179.9	1179.3	1179.9	1180.7	1180.9	1180.9	1180.9	1180.9	1186.2	1196.8
175°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1185.6	1182.5	1180.9	1184.3	1191.0
177.5°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1186.2	1183.7	1182.5	1185.1	1190.4
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



TEST NUMBER: P935724
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2658.0	2650.2	2660.6	2631.9	2660.6	2650.2	2658.0	2676.3	2660.6	2671.1	2681.4
5°	2332.3	2319.2	2277.6	2243.7	2277.6	2319.2	2332.3	2387.0	2413.0	2460.0	2522.5
7.5°	2084.7	2074.3	2063.8	2043.0	2063.8	2074.3	2084.7	2100.3	2126.4	2168.1	2215.0
10°	2030.0	2032.6	2048.2	2045.7	2048.2	2032.6	2030.0	2024.8	2016.9	2024.8	2053.4
12.5°	2170.7	2194.2	2280.1	2275.0	2280.1	2194.2	2170.7	2066.4	1996.1	1983.1	1988.3
15°	2332.3	2340.1	2358.4	2361.0	2358.4	2340.1	2332.3	2290.6	2079.5	1988.3	1959.6
17.5°	2347.9	2350.5	2363.5	2363.5	2363.5	2350.5	2347.9	2329.6	2259.3	2136.8	1975.3
20°	2334.9	2340.1	2366.1	2371.4	2366.1	2340.1	2334.9	2311.5	2272.3	2228.1	2105.6
22.5°	2329.6	2340.1	2361.0	2358.4	2361.0	2340.1	2329.6	2293.2	2259.3	2228.1	2178.6
25°	2303.6	2303.6	2306.2	2308.8	2306.2	2303.6	2303.6	2275.0	2207.2	2199.4	2170.7
27.5°	2248.9	2254.1	2269.7	2267.1	2269.7	2254.1	2248.9	2238.5	2165.5	2157.7	2136.8
30°	2199.4	2194.2	2181.1	2170.7	2181.1	2194.2	2199.4	2183.7	2110.8	2089.9	2095.2
32.5°	2116.0	2102.9	2089.9	2082.1	2089.9	2102.9	2116.0	2110.8	2056.1	2027.4	2032.6
35°	2016.9	2019.6	2016.9	2009.2	2016.9	2019.6	2016.9	2022.2	1988.3	1962.3	1959.6
37.5°	1946.6	1951.8	1949.2	1938.8	1949.2	1951.8	1946.6	1941.4	1894.5	1886.7	1891.9
40°	1873.6	1876.3	1873.6	1865.8	1873.6	1876.3	1873.6	1863.2	1798.1	1800.6	1818.9
42.5°	1803.3	1800.6	1792.9	1787.6	1792.9	1800.6	1803.3	1787.6	1704.2	1696.5	1730.3
45°	1722.5	1725.1	1709.5	1701.6	1709.5	1725.1	1722.5	1712.1	1626.1	1605.2	1628.7
47.5°	1641.7	1641.7	1628.7	1620.9	1628.7	1641.7	1641.7	1628.7	1537.5	1516.6	1529.7
50°	1555.7	1553.1	1534.8	1532.3	1534.8	1553.1	1555.7	1547.9	1451.4	1433.3	1433.3
52.5°	1456.7	1456.7	1459.3	1464.5	1459.3	1456.7	1456.7	1459.3	1373.3	1355.0	1349.9
55°	1370.7	1373.3	1391.5	1396.8	1391.5	1373.3	1370.7	1370.7	1292.5	1274.3	1263.9
57.5°	1282.1	1282.1	1295.1	1295.1	1295.1	1282.1	1282.1	1276.9	1201.4	1185.6	1180.5
60°	1180.5	1185.6	1196.1	1193.5	1196.1	1185.6	1180.5	1175.3	1110.1	1099.7	1081.5
62.5°	1073.6	1078.8	1081.5	1076.2	1081.5	1078.8	1073.6	1058.0	1018.9	1011.1	987.6
65°	961.6	966.8	969.4	964.2	969.4	966.8	961.6	953.7	925.1	912.1	891.2
67.5°	846.9	844.3	841.7	852.2	841.7	844.3	846.9	836.5	818.3	807.8	779.2
70°	729.7	729.7	727.0	732.3	727.0	729.7	729.7	721.8	711.4	703.6	677.5
72.5°	604.6	602.0	612.4	604.6	612.4	602.0	604.6	602.0	596.8	588.9	562.9
75°	482.1	487.3	482.1	489.9	482.1	487.3	482.1	484.7	482.1	476.9	458.6
77.5°	367.4	372.7	367.4	367.4	367.4	372.7	367.4	370.1	370.1	370.1	354.4
80°	260.6	258.0	258.0	255.4	258.0	258.0	260.6	260.6	263.2	258.0	252.8
82.5°	166.8	164.2	164.2	169.4	164.2	164.2	166.8	169.4	164.2	164.2	164.2
85°	91.2	93.8	88.6	88.6	88.6	93.8	91.2	86.0	91.2	91.2	88.6
87.5°	33.9	31.3	31.3	31.3	31.3	31.3	33.9	36.5	36.5	36.5	39.1
90°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	40.3	53.8	60.6	52.1
92.5°	151.5	145.5	121.4	97.3	121.4	145.5	151.5	214.8	299.1	341.3	299.6
95°	514.3	496.0	423.0	350.0	423.0	496.0	514.3	675.4	890.1	997.5	842.5
97.5°	1187.3	1152.5	1013.6	874.7	1013.6	1152.5	1187.3	1289.1	1424.8	1492.6	1234.2
100°	1667.3	1625.9	1460.4	1294.9	1460.4	1625.9	1667.3	1659.8	1649.9	1645.0	1358.0
102.5°	2077.1	2041.7	1899.9	1758.1	1899.9	2041.7	2077.1	1947.4	1774.5	1688.0	1397.1
105°	2555.5	2536.5	2460.2	2384.1	2460.2	2536.5	2555.5	2264.7	1877.0	1683.2	1401.5
107.5°	2804.3	2808.9	2827.3	2845.7	2827.3	2808.9	2804.3	2398.7	1857.9	1587.5	1339.1
110°	2868.0	2887.9	2967.3	3046.7	2967.3	2887.9	2868.0	2414.6	1810.1	1507.8	1283.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2827.4	2857.9	2979.7	3101.6	2979.7	2857.9	2827.4	2363.3	1744.6	1435.2	1235.5
115°	2689.5	2731.7	2900.7	3069.8	2900.7	2731.7	2689.5	2242.4	1646.3	1348.3	1180.2
117.5°	2498.9	2545.8	2733.2	2920.7	2733.2	2545.8	2498.9	2095.4	1557.5	1288.5	1145.5
120°	2370.5	2416.0	2598.2	2780.3	2598.2	2416.0	2370.5	2001.8	1510.4	1264.6	1133.8
122.5°	2242.2	2287.1	2466.8	2646.4	2466.8	2287.1	2242.2	1910.2	1467.5	1246.2	1127.7
125°	2072.3	2113.6	2279.2	2444.7	2279.2	2113.6	2072.3	1790.3	1414.3	1226.3	1122.7
127.5°	1935.9	1970.8	2110.5	2250.1	2110.5	1970.8	1935.9	1693.8	1371.0	1209.6	1119.7
130°	1849.8	1882.1	2011.1	2140.1	2011.1	1882.1	1849.8	1634.3	1346.9	1203.2	1121.5
132.5°	1776.5	1805.3	1920.9	2036.4	1920.9	1805.3	1776.5	1583.5	1326.2	1197.6	1122.7
135°	1672.8	1697.7	1797.3	1896.9	1797.3	1697.7	1672.8	1511.2	1295.8	1188.0	1121.6
137.5°	1596.3	1616.7	1698.2	1779.7	1698.2	1616.7	1596.3	1459.7	1277.5	1186.4	1128.5
140°	1534.9	1553.9	1630.2	1706.3	1630.2	1553.9	1534.9	1416.9	1259.6	1180.9	1129.7
142.5°	1491.8	1508.2	1573.7	1639.3	1573.7	1508.2	1491.8	1388.2	1249.9	1180.9	1133.7
145°	1427.3	1439.7	1489.3	1538.8	1489.3	1439.7	1427.3	1342.5	1229.4	1172.9	1133.7
147.5°	1373.1	1383.3	1424.4	1465.5	1424.4	1383.3	1373.1	1306.3	1217.4	1172.9	1141.5
150°	1342.0	1350.3	1383.6	1416.9	1383.6	1350.3	1342.0	1285.6	1210.4	1172.9	1145.6
152.5°	1317.2	1323.6	1348.7	1373.8	1348.7	1323.6	1317.2	1269.1	1205.0	1172.9	1148.2
155°	1287.7	1291.9	1308.5	1325.2	1308.5	1291.9	1287.7	1249.5	1198.4	1172.9	1154.1
157.5°	1262.2	1265.1	1276.8	1288.5	1276.8	1265.1	1262.2	1232.4	1192.7	1172.9	1159.9
160°	1249.4	1251.1	1257.8	1264.6	1257.8	1251.1	1249.4	1223.9	1189.9	1172.9	1162.6
162.5°	1237.5	1239.1	1245.5	1251.9	1245.5	1239.1	1237.5	1215.9	1187.2	1172.9	1165.4
165°	1219.1	1220.8	1227.5	1234.3	1227.5	1220.8	1219.1	1203.7	1183.2	1172.9	1169.5
167.5°	1211.1	1211.8	1214.7	1217.5	1214.7	1211.8	1211.1	1201.0	1187.6	1180.9	1178.0
170°	1211.1	1211.1	1211.1	1211.1	1211.1	1211.1	1211.1	1201.0	1187.6	1180.9	1180.7
172.5°	1204.8	1204.2	1201.7	1199.2	1201.7	1204.2	1204.8	1196.8	1186.2	1180.9	1180.9
175°	1196.0	1196.0	1196.0	1196.0	1196.0	1196.0	1196.0	1191.0	1184.3	1180.9	1182.5
177.5°	1194.4	1193.7	1190.9	1188.0	1190.9	1193.7	1194.4	1190.4	1185.1	1182.5	1183.7
180°	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2754.4	2754.4	2754.4	2754.4	2754.4
2.5°	2720.6	2733.6	2741.4	2751.8	2777.9
5°	2616.3	2665.8	2681.4	2720.6	2767.5
7.5°	2387.0	2538.2	2579.8	2673.7	2746.6
10°	2165.5	2316.6	2389.6	2611.1	2720.6
12.5°	2053.4	2142.1	2191.6	2501.7	2684.1
15°	1983.1	2045.7	2082.1	2355.7	2642.4
17.5°	1928.4	1972.7	1998.7	2212.4	2585.0
20°	1894.5	1915.3	1938.8	2108.2	2519.9
22.5°	1871.0	1858.0	1876.3	2035.2	2431.3
25°	1855.4	1805.9	1826.7	1977.9	2327.1
27.5°	1868.4	1759.0	1766.8	1925.8	2217.6
30°	1871.0	1701.6	1704.2	1871.0	2095.2
32.5°	1852.8	1641.7	1644.3	1803.3	1957.0
35°	1808.5	1571.3	1568.7	1725.1	1769.4
37.5°	1748.5	1495.8	1495.8	1639.1	1563.6
40°	1675.6	1420.2	1428.0	1527.1	1381.1
42.5°	1587.0	1339.4	1349.9	1378.5	1245.6
45°	1490.6	1261.3	1269.0	1164.9	1141.4
47.5°	1383.8	1180.5	1183.1	966.8	1107.5
50°	1256.0	1097.1	1086.6	828.7	1104.9
52.5°	1144.0	1005.9	974.6	750.5	1003.2
55°	1034.6	909.4	841.7	690.5	930.3
57.5°	938.1	784.4	719.3	620.2	914.7
60°	849.5	661.9	612.4	544.6	839.1
62.5°	776.5	570.7	560.3	492.5	760.9
65°	698.4	508.1	505.5	448.2	646.3
67.5°	622.8	466.5	463.8	406.5	492.5
70°	542.0	422.2	417.0	362.2	364.8
72.5°	458.6	372.7	367.4	325.7	302.3
75°	375.2	315.3	312.7	284.1	244.9
77.5°	294.4	250.2	255.4	229.3	179.8
80°	211.1	182.4	187.6	164.2	135.5
82.5°	140.8	119.9	125.0	104.3	91.2
85°	78.2	67.8	70.4	54.7	41.7
87.5°	36.5	31.3	31.3	20.9	13.0
90°	35.1	22.3	20.7	14.4	8.0
92.5°	216.4	153.9	140.4	86.1	31.9
95°	532.4	299.8	275.0	175.8	76.5
97.5°	717.1	329.3	307.5	219.9	132.4
100°	784.3	354.0	334.2	254.8	175.4
102.5°	815.2	378.8	360.2	286.1	212.1
105°	838.0	415.4	399.7	337.0	274.3
107.5°	842.2	469.6	455.0	396.6	338.1
110°	835.9	500.0	486.8	434.0	381.2



TEST NUMBER: P935724

CATALOG NUMBER: SQ4-FA-125U-125D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	836.1	536.6	524.1	473.7	423.4
115°	843.8	591.6	580.0	533.6	487.2
117.5°	859.6	645.0	634.5	592.4	550.2
120°	872.3	676.1	666.2	626.5	586.8
122.5°	890.6	712.8	702.8	662.7	622.7
125°	915.3	759.8	750.8	714.3	677.8
127.5°	940.1	805.3	796.1	759.3	722.4
130°	958.1	835.6	825.7	786.0	746.3
132.5°	972.7	860.3	850.4	810.7	771.0
135°	988.7	889.0	880.0	843.8	807.7
137.5°	1012.6	925.7	916.8	881.0	845.2
140°	1027.3	950.4	942.2	909.2	876.3
142.5°	1039.4	968.7	961.1	930.7	900.2
145°	1055.4	996.7	990.1	963.4	936.9
147.5°	1078.8	1031.8	1025.3	999.5	973.6
150°	1091.0	1050.1	1044.3	1020.9	997.5
152.5°	1099.0	1062.1	1057.6	1039.9	1022.2
155°	1116.6	1088.4	1085.1	1072.0	1058.9
157.5°	1134.1	1114.7	1111.5	1098.7	1086.0
160°	1142.1	1126.7	1124.2	1114.3	1104.3
162.5°	1150.5	1139.4	1137.5	1130.1	1122.7
165°	1162.8	1157.8	1156.1	1149.4	1142.6
167.5°	1172.3	1168.1	1167.3	1164.1	1160.9
170°	1180.3	1180.1	1179.3	1176.1	1172.9
172.5°	1180.9	1180.9	1180.7	1179.9	1179.3
175°	1185.6	1188.0	1188.0	1188.0	1188.0
177.5°	1186.2	1188.0	1188.0	1188.0	1188.0
180°	1188.0	1188.0	1188.0	1188.0	1188.0



TEST NUMBER: P935724
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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	13.48	14.33	14.46	15.32	16.61	16.32	17.17	17.29	18.15	19.45
	3H	13.96	14.72	14.94	15.71	17.03	17.67	18.43	18.65	19.42	20.74
	4H	14.15	14.87	15.15	15.87	17.19	18.11	18.83	19.11	19.83	21.16
	6H	14.27	14.93	15.28	15.93	17.27	18.40	19.06	19.41	20.06	21.40
	8H	14.27	14.90	15.28	15.92	17.25	18.47	19.10	19.49	20.12	21.46
	12H	14.24	14.84	15.26	15.85	17.21	18.51	19.11	19.53	20.13	21.49
4H	2H	14.52	15.23	15.52	16.23	17.56	16.73	17.44	17.73	18.44	19.77
	3H	15.54	16.14	16.55	17.17	18.51	18.24	18.83	19.25	19.86	21.20
	4H	15.82	16.36	16.84	17.38	18.75	18.76	19.31	19.78	20.33	21.70
	6H	15.94	16.41	16.97	17.46	18.82	19.13	19.60	20.16	20.64	22.01
	8H	15.95	16.39	16.98	17.42	18.80	19.24	19.68	20.27	20.71	22.09
	12H	15.91	16.31	16.96	17.36	18.74	19.30	19.69	20.35	20.74	22.12
8H	4H	16.27	16.71	17.30	17.75	19.12	18.89	19.33	19.92	20.36	21.74
	6H	16.53	16.89	17.59	17.97	19.35	19.32	19.69	20.38	20.77	22.14
	8H	16.57	16.89	17.64	17.96	19.35	19.48	19.80	20.54	20.86	22.25
	12H	16.56	16.84	17.63	17.90	19.33	19.58	19.86	20.64	20.92	22.35
12H	4H	16.28	16.67	17.33	17.72	19.11	18.85	19.25	19.90	20.30	21.68
	6H	16.59	16.91	17.66	17.98	19.37	19.32	19.64	20.39	20.70	22.10
	8H	16.66	16.94	17.73	18.00	19.43	19.48	19.76	20.55	20.82	22.26