

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: P935799

Luminaire Tested: SQ4-FA-125U-125D-B35-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

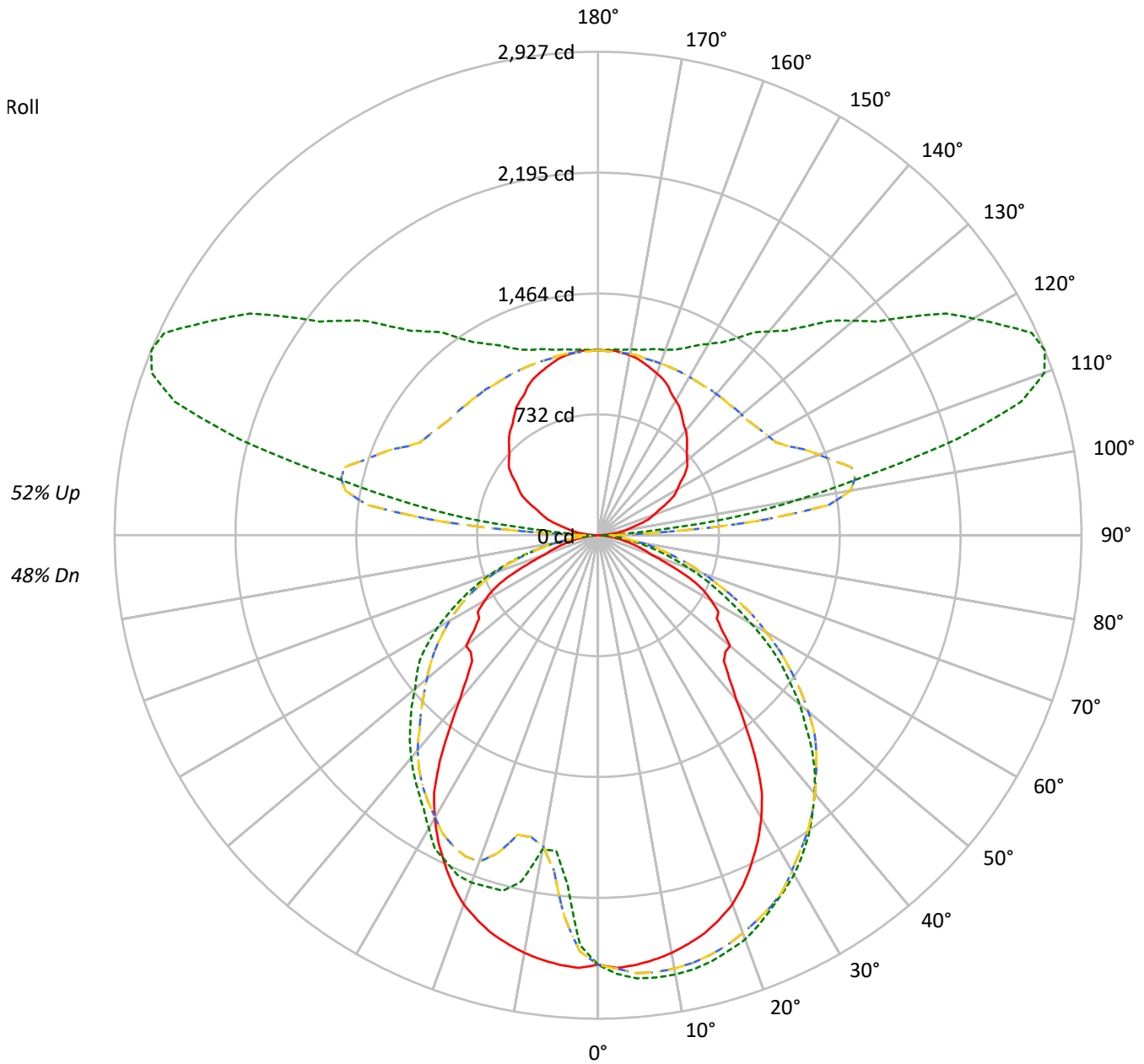
Test Method: LM-79-2019  
Report Number: P935799  
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-B35-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14013.6 lumens  
Efficiency: N/A  
Efficacy: 124.2 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): 112.8  
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

TEST NUMBER: P935799  
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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°	16082	16082	16082	16082
5°	16196	16233	16196	12765
10°	16082	15991	16082	11432
15°	15901	15645	15901	13063
20°	15562	15234	15562	13091
25°	14875	14636	14875	12813
30°	13990	14139	13990	12205
35°	12466	13510	12466	11535
40°	10381	12770	10381	11030
45°	9269	11904	9269	10448
50°	9840	10870	9840	9864
55°	9249	9757	9249	9526
60°	9524	8287	9524	8726
65°	8621	6851	8621	7658
70°	5955	5459	5955	6419
75°	5202	4035	5202	4833
80°	4163	2667	4163	2905
85°	2343	1413	2343	1201

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 14216 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	234.7	1.7
10°-20°	666.3	4.8
20°-30°	1029.9	7.3
30°-40°	1229.5	8.8
40°-50°	1236.7	8.8
50°-60°	1076.1	7.7
60°-70°	763.0	5.4
70°-80°	403.7	2.9
80°-90°	104.8	0.7
90°-100°	546.6	3.9
100°-110°	1437.0	10.3
110°-120°	1490.0	10.6
120°-130°	1195.2	8.5
130°-140°	937.8	6.7
140°-150°	719.8	5.1
150°-160°	518.4	3.7
160°-170°	317.2	2.3
170°-180°	107.2	0.8
0°-30°	1930.9	13.8
0°-40°	3160.4	22.6
0°-60°	5473.2	39.1
0°-90°	6744.6	48.1
90°-120°	3473.6	24.8
90°-150°	6326.3	45.1
90°-180°	7269.0	51.9
0°-180°	14013.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2600	2600	2600	2600	2600	
5°	2612	2693	2612	2118	2612	248
15°	2494	2668	2494	2228	2494	702
25°	2196	2489	2196	2179	2196	1008
35°	1670	2221	1670	1896	1670	1033
45°	1077	1830	1077	1606	1077	863
55°	878	1350	878	1318	878	807
65°	610	814	610	910	610	583
75°	231	386	231	462	231	243
85°	39	98	39	84	39	53
90°	8	29	8	29	8	8
95°	72	330	72	330	72	80
105°	259	2250	259	2250	259	274
115°	460	2897	460	2897	460	454
125°	640	2307	640	2307	640	568
135°	762	1790	762	1790	762	590
145°	884	1452	884	1452	884	554
155°	999	1251	999	1251	999	459
165°	1078	1165	1078	1165	1078	304
175°	1121	1129	1121	1129	1121	106
180°	1121	1121	1121	1121	1121	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6
2.5°	2621.7	2621.7	2636.6	2641.4	2641.4	2634.0	2626.7	2634.0	2656.2	2663.6	2661.1
5°	2611.9	2631.6	2658.6	2663.6	2668.5	2666.0	2661.1	2666.0	2690.6	2695.6	2698.0
7.5°	2592.3	2629.1	2663.6	2671.0	2678.3	2671.0	2668.5	2673.4	2698.0	2702.9	2702.9
10°	2567.7	2619.3	2658.6	2663.6	2671.0	2663.6	2663.6	2673.4	2698.0	2702.9	2705.4
12.5°	2533.3	2604.6	2641.4	2646.3	2656.2	2653.7	2651.3	2661.1	2685.7	2690.6	2690.6
15°	2493.9	2577.4	2611.9	2616.9	2634.0	2629.1	2629.1	2639.0	2666.0	2673.4	2671.0
17.5°	2439.7	2543.0	2582.4	2589.7	2602.1	2599.6	2602.1	2611.9	2636.6	2641.4	2643.9
20°	2378.3	2496.3	2543.0	2550.4	2562.7	2562.7	2562.7	2575.0	2599.6	2609.4	2609.4
22.5°	2294.7	2447.1	2496.3	2501.3	2516.0	2516.0	2521.0	2538.1	2560.3	2562.7	2562.7
25°	2196.2	2393.0	2434.8	2449.6	2464.4	2471.7	2479.1	2489.0	2496.3	2493.9	2496.3
27.5°	2092.9	2324.1	2378.3	2388.1	2407.8	2415.1	2425.0	2427.4	2430.0	2437.3	2432.4
30°	1977.3	2228.2	2309.4	2319.2	2351.2	2356.1	2346.3	2351.2	2363.5	2368.4	2373.4
32.5°	1847.0	2085.6	2238.1	2260.2	2289.7	2275.0	2272.5	2279.9	2299.5	2299.5	2304.5
35°	1670.0	1974.9	2171.7	2191.4	2213.5	2196.2	2206.1	2208.5	2220.9	2228.2	2225.8
37.5°	1475.7	1879.0	2102.8	2117.6	2134.8	2112.6	2127.4	2134.8	2144.6	2139.7	2139.7
40°	1303.5	1729.0	2021.6	2031.5	2046.2	2029.0	2043.8	2048.8	2053.6	2048.8	2046.2
42.5°	1175.6	1564.2	1935.6	1947.9	1938.0	1950.3	1955.2	1965.1	1957.7	1947.9	1947.9
45°	1077.2	1520.0	1842.1	1856.9	1842.1	1861.8	1869.2	1869.2	1847.0	1842.1	1839.6
47.5°	1045.3	1431.4	1748.7	1748.7	1741.3	1765.9	1778.2	1761.0	1738.8	1731.4	1731.4
50°	1042.8	1333.1	1620.7	1611.0	1645.4	1674.9	1662.6	1645.4	1628.1	1601.1	1601.1
52.5°	946.9	1212.5	1456.0	1492.8	1547.0	1564.2	1544.5	1527.3	1497.8	1485.5	1475.7
55°	878.0	1087.0	1305.9	1379.8	1436.3	1458.4	1421.5	1404.4	1360.1	1352.7	1347.8
57.5°	863.3	905.0	1168.2	1261.7	1330.5	1328.1	1305.9	1273.9	1237.1	1229.8	1227.2
60°	792.0	654.2	1020.6	1131.3	1202.6	1195.3	1175.6	1146.1	1111.6	1106.8	1101.8
62.5°	718.1	474.7	853.4	978.9	1079.7	1077.2	1060.0	1015.7	991.2	978.9	969.0
65°	610.0	398.5	607.5	814.1	959.2	964.1	927.2	895.3	868.2	853.4	851.0
67.5°	464.8	324.6	410.8	678.8	843.6	838.7	792.0	777.1	742.7	735.4	720.6
70°	344.3	216.5	285.3	550.9	730.4	718.1	681.3	664.1	632.1	614.8	605.0
72.5°	285.3	174.6	209.0	427.9	614.8	600.1	568.1	548.5	521.4	506.7	496.8
75°	231.2	184.5	159.9	317.3	499.2	489.4	459.9	440.2	418.1	398.5	400.9
77.5°	169.7	172.2	127.9	233.6	395.9	381.2	364.0	339.4	329.6	309.9	309.9
80°	127.9	135.3	95.9	159.9	285.3	285.3	270.5	253.3	236.1	226.3	226.3
82.5°	86.0	86.0	71.3	100.9	194.3	186.9	177.0	172.2	162.3	157.4	157.4
85°	39.3	49.2	44.3	61.5	105.7	110.7	110.7	105.7	103.3	98.4	100.9
87.5°	12.3	22.1	27.0	34.4	54.1	56.6	59.0	59.0	59.0	61.5	61.5
90°	7.6	13.6	19.6	21.0	33.0	49.1	57.2	50.8	38.1	28.6	28.6
92.5°	30.1	81.3	132.5	145.3	204.2	282.8	322.1	282.3	202.7	143.0	137.3
95°	72.3	165.9	259.5	282.9	502.4	795.2	941.5	840.1	637.4	485.4	468.1
97.5°	124.9	207.5	290.1	310.8	676.7	1164.8	1408.8	1344.8	1216.7	1120.6	1087.8
100°	165.6	240.5	315.4	334.1	740.2	1281.8	1552.5	1557.2	1566.6	1573.6	1534.5
102.5°	200.2	270.1	340.0	357.5	769.4	1318.5	1593.1	1674.7	1838.0	1960.4	1927.0
105°	258.9	318.1	377.2	392.1	790.9	1322.8	1588.7	1771.6	2137.5	2411.9	2393.9
107.5°	319.1	374.2	429.5	443.2	795.0	1263.9	1498.4	1753.6	2264.0	2646.7	2651.1
110°	359.7	409.5	459.3	471.8	788.9	1211.6	1423.1	1708.3	2279.0	2707.0	2725.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	399.6	447.1	494.6	506.5	789.2	1166.1	1354.6	1646.5	2230.5	2668.5	2697.3
115°	459.8	503.6	547.5	558.4	796.5	1113.9	1272.6	1553.9	2116.5	2538.4	2578.3
117.5°	519.3	559.1	598.8	608.8	811.2	1081.1	1216.1	1470.0	1977.7	2358.5	2402.7
120°	553.9	591.4	628.8	638.2	823.3	1070.1	1193.5	1425.5	1889.4	2237.3	2280.3
122.5°	587.8	625.6	663.4	672.8	840.6	1064.3	1176.3	1385.2	1802.9	2116.2	2158.5
125°	639.6	674.1	708.5	717.2	864.0	1059.6	1157.5	1334.9	1689.7	1955.9	1995.0
127.5°	681.8	716.6	751.4	760.1	887.3	1056.9	1141.7	1294.0	1598.8	1827.2	1860.2
130°	704.4	741.9	779.3	788.7	904.3	1058.4	1135.6	1271.2	1542.5	1745.9	1776.4
132.5°	727.7	765.2	802.6	812.0	918.1	1059.6	1130.3	1251.8	1494.6	1676.7	1703.9
135°	762.3	796.4	830.5	839.1	933.1	1058.6	1121.3	1223.0	1426.4	1578.9	1602.3
137.5°	797.7	831.5	865.3	873.7	955.7	1065.1	1119.8	1205.7	1377.6	1506.6	1525.8
140°	827.0	858.1	889.3	897.0	969.5	1066.2	1114.5	1188.8	1337.3	1448.7	1466.7
142.5°	849.6	878.4	907.2	914.3	981.1	1070.1	1114.5	1179.8	1310.2	1408.1	1423.6
145°	884.2	909.3	934.4	940.7	996.1	1070.1	1107.0	1160.4	1267.1	1347.1	1358.8
147.5°	918.9	943.3	967.7	973.8	1018.2	1077.4	1107.0	1148.9	1233.0	1295.9	1305.6
150°	941.5	963.6	985.6	991.1	1029.8	1081.2	1107.0	1142.5	1213.4	1266.6	1274.4
152.5°	964.7	981.5	998.3	1002.4	1037.3	1083.7	1107.0	1137.2	1197.8	1243.2	1249.1
155°	999.4	1011.8	1024.1	1027.2	1053.8	1089.3	1107.0	1131.1	1179.3	1215.4	1219.4
157.5°	1025.0	1037.0	1049.0	1052.0	1070.4	1094.8	1107.0	1125.7	1163.2	1191.3	1194.0
160°	1042.3	1051.7	1061.1	1063.4	1077.9	1097.3	1107.0	1123.1	1155.1	1179.3	1180.8
162.5°	1059.6	1066.6	1073.7	1075.4	1086.0	1100.0	1107.0	1120.6	1147.6	1167.9	1169.5
165°	1078.4	1084.8	1091.2	1092.7	1097.5	1103.8	1107.0	1116.7	1136.2	1150.7	1152.2
167.5°	1095.7	1098.7	1101.8	1102.5	1106.5	1111.8	1114.5	1120.9	1133.6	1143.1	1143.8
170°	1107.0	1110.0	1113.0	1113.8	1114.1	1114.4	1114.5	1120.9	1133.6	1143.1	1143.1
172.5°	1113.0	1113.7	1114.4	1114.5	1114.5	1114.5	1114.5	1119.6	1129.6	1137.1	1136.5
175°	1121.3	1121.3	1121.3	1121.3	1119.1	1116.1	1114.5	1117.7	1124.1	1128.9	1128.9
177.5°	1121.3	1121.3	1121.3	1121.3	1119.6	1117.2	1116.0	1118.5	1123.6	1127.3	1126.7
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6
2.5°	2666.0	2658.6	2666.0	2661.1	2663.6	2656.2	2634.0	2626.7	2634.0	2641.4	2641.4
5°	2698.0	2693.0	2698.0	2698.0	2695.6	2690.6	2666.0	2661.1	2666.0	2668.5	2663.6
7.5°	2707.9	2700.5	2707.9	2702.9	2702.9	2698.0	2673.4	2668.5	2671.0	2678.3	2671.0
10°	2707.9	2700.5	2707.9	2705.4	2702.9	2698.0	2673.4	2663.6	2663.6	2671.0	2663.6
12.5°	2695.6	2690.6	2695.6	2690.6	2690.6	2685.7	2661.1	2651.3	2653.7	2656.2	2646.3
15°	2675.9	2668.5	2675.9	2671.0	2673.4	2666.0	2639.0	2629.1	2629.1	2634.0	2616.9
17.5°	2646.3	2636.6	2646.3	2643.9	2641.4	2636.6	2611.9	2602.1	2599.6	2602.1	2589.7
20°	2611.9	2604.6	2611.9	2609.4	2609.4	2599.6	2575.0	2562.7	2562.7	2562.7	2550.4
22.5°	2557.8	2550.4	2557.8	2562.7	2562.7	2560.3	2538.1	2521.0	2516.0	2516.0	2501.3
25°	2496.3	2489.0	2496.3	2496.3	2493.9	2496.3	2489.0	2479.1	2471.7	2464.4	2449.6
27.5°	2437.3	2432.4	2437.3	2432.4	2437.3	2430.0	2427.4	2425.0	2415.1	2407.8	2388.1
30°	2378.3	2373.4	2378.3	2373.4	2368.4	2363.5	2351.2	2346.3	2356.1	2351.2	2319.2
32.5°	2304.5	2299.5	2304.5	2304.5	2299.5	2299.5	2279.9	2272.5	2275.0	2289.7	2260.2
35°	2228.2	2220.9	2228.2	2225.8	2228.2	2220.9	2208.5	2206.1	2196.2	2213.5	2191.4
37.5°	2139.7	2132.3	2139.7	2139.7	2139.7	2144.6	2134.8	2127.4	2112.6	2134.8	2117.6
40°	2048.8	2038.9	2048.8	2046.2	2048.8	2053.6	2048.8	2043.8	2029.0	2046.2	2031.5
42.5°	1945.5	1942.9	1945.5	1947.9	1947.9	1957.7	1965.1	1955.2	1950.3	1938.0	1947.9
45°	1834.7	1829.9	1834.7	1839.6	1842.1	1847.0	1869.2	1869.2	1861.8	1842.1	1856.9
47.5°	1716.7	1704.4	1716.7	1731.4	1731.4	1738.8	1761.0	1778.2	1765.9	1741.3	1748.7
50°	1591.3	1593.7	1591.3	1601.1	1601.1	1628.1	1645.4	1662.6	1674.9	1645.4	1611.0
52.5°	1468.3	1465.8	1468.3	1475.7	1485.5	1497.8	1527.3	1544.5	1564.2	1547.0	1492.8
55°	1345.3	1350.2	1345.3	1347.8	1352.7	1360.1	1404.4	1421.5	1458.4	1436.3	1379.8
57.5°	1222.3	1214.9	1222.3	1227.2	1229.8	1237.1	1273.9	1305.9	1328.1	1330.5	1261.7
60°	1079.7	1069.9	1079.7	1101.8	1106.8	1111.6	1146.1	1175.6	1195.3	1202.6	1131.3
62.5°	954.3	937.0	954.3	969.0	978.9	991.2	1015.7	1060.0	1077.2	1079.7	978.9
65°	821.4	814.1	821.4	851.0	853.4	868.2	895.3	927.2	964.1	959.2	814.1
67.5°	701.0	701.0	701.0	720.6	735.4	742.7	777.1	792.0	838.7	843.6	678.8
70°	590.2	587.8	590.2	605.0	614.8	632.1	664.1	681.3	718.1	730.4	550.9
72.5°	484.5	482.1	484.5	496.8	506.7	521.4	548.5	568.1	600.1	614.8	427.9
75°	391.1	386.1	391.1	400.9	398.5	418.1	440.2	459.9	489.4	499.2	317.3
77.5°	300.1	300.1	300.1	309.9	309.9	329.6	339.4	364.0	381.2	395.9	233.6
80°	223.8	221.3	223.8	226.3	226.3	236.1	253.3	270.5	285.3	285.3	159.9
82.5°	157.4	152.5	157.4	157.4	157.4	162.3	172.2	177.0	186.9	194.3	100.9
85°	98.4	98.4	98.4	100.9	98.4	103.3	105.7	110.7	110.7	105.7	61.5
87.5°	64.0	61.5	64.0	61.5	61.5	59.0	59.0	59.0	56.6	54.1	34.4
90°	28.6	28.6	28.6	28.6	28.6	38.1	50.8	57.2	49.1	33.0	21.0
92.5°	114.5	91.8	114.5	137.3	143.0	202.7	282.3	322.1	282.8	204.2	145.3
95°	399.2	330.3	399.2	468.1	485.4	637.4	840.1	941.5	795.2	502.4	282.9
97.5°	956.7	825.6	956.7	1087.8	1120.6	1216.7	1344.8	1408.8	1164.8	676.7	310.8
100°	1378.4	1222.2	1378.4	1534.5	1573.6	1566.6	1557.2	1552.5	1281.8	740.2	334.1
102.5°	1793.1	1659.4	1793.1	1927.0	1960.4	1838.0	1674.7	1593.1	1318.5	769.4	357.5
105°	2322.0	2250.1	2322.0	2393.9	2411.9	2137.5	1771.6	1588.7	1322.8	790.9	392.1
107.5°	2668.4	2685.9	2668.4	2651.1	2646.7	2264.0	1753.6	1498.4	1263.9	795.0	443.2
110°	2800.6	2875.5	2800.6	2725.7	2707.0	2279.0	1708.3	1423.1	1211.6	788.9	471.8





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2812.3	2927.4	2812.3	2697.3	2668.5	2230.5	1646.5	1354.6	1166.1	789.2	506.5
115°	2737.8	2897.3	2737.8	2578.3	2538.4	2116.5	1553.9	1272.6	1113.9	796.5	558.4
117.5°	2579.7	2756.6	2579.7	2402.7	2358.5	1977.7	1470.0	1216.1	1081.1	811.2	608.8
120°	2452.2	2624.1	2452.2	2280.3	2237.3	1889.4	1425.5	1193.5	1070.1	823.3	638.2
122.5°	2328.1	2497.7	2328.1	2158.5	2116.2	1802.9	1385.2	1176.3	1064.3	840.6	672.8
125°	2151.2	2307.4	2151.2	1995.0	1955.9	1689.7	1334.9	1157.5	1059.6	864.0	717.2
127.5°	1992.0	2123.8	1992.0	1860.2	1827.2	1598.8	1294.0	1141.7	1056.9	887.3	760.1
130°	1898.2	2019.9	1898.2	1776.4	1745.9	1542.5	1271.2	1135.6	1058.4	904.3	788.7
132.5°	1813.0	1922.0	1813.0	1703.9	1676.7	1494.6	1251.8	1130.3	1059.6	918.1	812.0
135°	1696.3	1790.3	1696.3	1602.3	1578.9	1426.4	1223.0	1121.3	1058.6	933.1	839.1
137.5°	1602.7	1679.7	1602.7	1525.8	1506.6	1377.6	1205.7	1119.8	1065.1	955.7	873.7
140°	1538.6	1610.5	1538.6	1466.7	1448.7	1337.3	1188.8	1114.5	1066.2	969.5	897.0
142.5°	1485.4	1547.3	1485.4	1423.6	1408.1	1310.2	1179.8	1114.5	1070.1	981.1	914.3
145°	1405.6	1452.4	1405.6	1358.8	1347.1	1267.1	1160.4	1107.0	1070.1	996.1	940.7
147.5°	1344.5	1383.2	1344.5	1305.6	1295.9	1233.0	1148.9	1107.0	1077.4	1018.2	973.8
150°	1305.9	1337.3	1305.9	1274.4	1266.6	1213.4	1142.5	1107.0	1081.2	1029.8	991.1
152.5°	1272.9	1296.6	1272.9	1249.1	1243.2	1197.8	1137.2	1107.0	1083.7	1037.3	1002.4
155°	1235.1	1250.8	1235.1	1219.4	1215.4	1179.3	1131.1	1107.0	1089.3	1053.8	1027.2
157.5°	1205.0	1216.1	1205.0	1194.0	1191.3	1163.2	1125.7	1107.0	1094.8	1070.4	1052.0
160°	1187.2	1193.5	1187.2	1180.8	1179.3	1155.1	1123.1	1107.0	1097.3	1077.9	1063.4
162.5°	1175.5	1181.5	1175.5	1169.5	1167.9	1147.6	1120.6	1107.0	1100.0	1086.0	1075.4
165°	1158.6	1164.9	1158.6	1152.2	1150.7	1136.2	1116.7	1107.0	1103.8	1097.5	1092.7
167.5°	1146.4	1149.1	1146.4	1143.8	1143.1	1133.6	1120.9	1114.5	1111.8	1106.5	1102.5
170°	1143.1	1143.1	1143.1	1143.1	1143.1	1133.6	1120.9	1114.5	1114.4	1114.1	1113.8
172.5°	1134.2	1131.9	1134.2	1136.5	1137.1	1129.6	1119.6	1114.5	1114.5	1114.5	1114.5
175°	1128.9	1128.9	1128.9	1128.9	1128.9	1124.1	1117.7	1114.5	1116.1	1119.1	1121.3
177.5°	1124.0	1121.3	1124.0	1126.7	1127.3	1123.6	1118.5	1116.0	1117.2	1119.6	1121.3
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935799

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6
2.5°	2636.6	2621.7	2621.7	2597.2	2587.3	2580.0	2567.7	2530.7	2521.0	2511.1	2525.8
5°	2658.6	2631.6	2611.9	2567.7	2530.7	2516.0	2469.3	2380.7	2321.7	2277.4	2252.8
7.5°	2663.6	2629.1	2592.3	2523.4	2434.8	2395.5	2252.8	2090.5	2046.2	2006.9	1982.3
10°	2658.6	2619.3	2567.7	2464.4	2255.3	2186.5	2043.8	1938.0	1911.0	1903.6	1911.0
12.5°	2641.4	2604.6	2533.3	2361.1	2068.4	2021.6	1938.0	1876.6	1871.6	1883.9	1950.3
15°	2611.9	2577.4	2493.9	2223.4	1965.1	1930.6	1871.6	1849.5	1876.6	1962.6	2161.8
17.5°	2582.4	2543.0	2439.7	2088.1	1886.4	1861.8	1820.0	1864.3	2016.8	2132.3	2198.8
20°	2543.0	2496.3	2378.3	1989.6	1829.9	1807.7	1788.0	1987.2	2102.8	2144.6	2181.5
22.5°	2496.3	2447.1	2294.7	1920.8	1770.8	1753.6	1765.9	2056.1	2102.8	2132.3	2164.3
25°	2434.8	2393.0	2196.2	1866.7	1724.0	1704.4	1751.1	2048.8	2075.8	2083.2	2147.1
27.5°	2378.3	2324.1	2092.9	1817.6	1667.5	1660.1	1763.4	2016.8	2036.5	2043.8	2112.6
30°	2309.4	2228.2	1977.3	1765.9	1608.4	1606.0	1765.9	1977.3	1972.5	1992.2	2061.0
32.5°	2238.1	2085.6	1847.0	1702.0	1552.0	1549.4	1748.7	1918.3	1913.5	1940.5	1992.2
35°	2171.7	1974.9	1670.0	1628.1	1480.5	1483.1	1706.9	1849.5	1852.0	1876.6	1908.5
37.5°	2102.8	1879.0	1475.7	1547.0	1411.7	1411.7	1650.3	1785.6	1780.6	1788.0	1832.3
40°	2021.6	1729.0	1303.5	1441.2	1347.8	1340.4	1581.4	1716.7	1699.4	1697.0	1758.5
42.5°	1935.6	1564.2	1175.6	1301.1	1273.9	1264.2	1497.8	1633.1	1601.1	1608.4	1687.1
45°	1842.1	1520.0	1077.2	1099.3	1197.8	1190.3	1406.8	1537.1	1515.0	1534.7	1615.8
47.5°	1748.7	1431.4	1045.3	912.4	1116.6	1114.2	1305.9	1443.7	1431.4	1451.1	1537.1
50°	1620.7	1333.1	1042.8	782.1	1025.6	1035.4	1185.5	1352.7	1352.7	1369.9	1460.9
52.5°	1456.0	1212.5	946.9	708.3	919.9	949.3	1079.7	1273.9	1278.9	1296.1	1377.2
55°	1305.9	1087.0	878.0	651.7	794.4	858.3	976.4	1192.8	1202.6	1219.9	1293.6
57.5°	1168.2	905.0	863.3	585.4	678.8	740.3	885.4	1114.2	1119.0	1133.8	1205.1
60°	1020.6	654.2	792.0	514.1	578.0	624.7	801.8	1020.6	1037.9	1047.7	1109.2
62.5°	853.4	474.7	718.1	464.8	528.8	538.6	733.0	932.1	954.3	961.6	998.6
65°	607.5	398.5	610.0	423.1	477.1	479.6	659.1	841.1	860.8	873.1	900.2
67.5°	410.8	324.6	464.8	383.6	437.8	440.2	587.8	735.4	762.4	772.3	789.4
70°	285.3	216.5	344.3	341.9	393.5	398.5	511.5	639.4	664.1	671.4	681.3
72.5°	209.0	174.6	285.3	307.5	346.8	351.7	432.9	531.2	555.8	563.2	568.1
75°	159.9	184.5	231.2	268.1	295.2	297.6	354.2	432.9	450.1	455.0	457.5
77.5°	127.9	172.2	169.7	216.5	241.0	236.1	277.9	334.5	349.2	349.2	349.2
80°	95.9	135.3	127.9	154.9	177.0	172.2	199.2	238.6	243.5	248.4	245.9
82.5°	71.3	86.0	86.0	98.4	118.0	113.2	132.8	154.9	154.9	154.9	159.9
85°	44.3	49.2	39.3	51.6	66.4	64.0	73.7	83.6	86.0	86.0	81.2
87.5°	27.0	22.1	12.3	19.7	29.6	29.6	34.4	36.9	34.4	34.4	34.4
90°	19.6	13.6	7.6	13.6	19.6	21.0	33.0	49.1	57.2	50.8	38.1
92.5°	132.5	81.3	30.1	81.3	132.5	145.3	204.2	282.8	322.1	282.3	202.7
95°	259.5	165.9	72.3	165.9	259.5	282.9	502.4	795.2	941.5	840.1	637.4
97.5°	290.1	207.5	124.9	207.5	290.1	310.8	676.7	1164.8	1408.8	1344.8	1216.7
100°	315.4	240.5	165.6	240.5	315.4	334.1	740.2	1281.8	1552.5	1557.2	1566.6
102.5°	340.0	270.1	200.2	270.1	340.0	357.5	769.4	1318.5	1593.1	1674.7	1838.0
105°	377.2	318.1	258.9	318.1	377.2	392.1	790.9	1322.8	1588.7	1771.6	2137.5
107.5°	429.5	374.2	319.1	374.2	429.5	443.2	795.0	1263.9	1498.4	1753.6	2264.0
110°	459.3	409.5	359.7	409.5	459.3	471.8	788.9	1211.6	1423.1	1708.3	2279.0



TEST NUMBER: P935799

CATALOG NUMBER: SQ4-FA-125U-125D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	494.6	447.1	399.6	447.1	494.6	506.5	789.2	1166.1	1354.6	1646.5	2230.5
115°	547.5	503.6	459.8	503.6	547.5	558.4	796.5	1113.9	1272.6	1553.9	2116.5
117.5°	598.8	559.1	519.3	559.1	598.8	608.8	811.2	1081.1	1216.1	1470.0	1977.7
120°	628.8	591.4	553.9	591.4	628.8	638.2	823.3	1070.1	1193.5	1425.5	1889.4
122.5°	663.4	625.6	587.8	625.6	663.4	672.8	840.6	1064.3	1176.3	1385.2	1802.9
125°	708.5	674.1	639.6	674.1	708.5	717.2	864.0	1059.6	1157.5	1334.9	1689.7
127.5°	751.4	716.6	681.8	716.6	751.4	760.1	887.3	1056.9	1141.7	1294.0	1598.8
130°	779.3	741.9	704.4	741.9	779.3	788.7	904.3	1058.4	1135.6	1271.2	1542.5
132.5°	802.6	765.2	727.7	765.2	802.6	812.0	918.1	1059.6	1130.3	1251.8	1494.6
135°	830.5	796.4	762.3	796.4	830.5	839.1	933.1	1058.6	1121.3	1223.0	1426.4
137.5°	865.3	831.5	797.7	831.5	865.3	873.7	955.7	1065.1	1119.8	1205.7	1377.6
140°	889.3	858.1	827.0	858.1	889.3	897.0	969.5	1066.2	1114.5	1188.8	1337.3
142.5°	907.2	878.4	849.6	878.4	907.2	914.3	981.1	1070.1	1114.5	1179.8	1310.2
145°	934.4	909.3	884.2	909.3	934.4	940.7	996.1	1070.1	1107.0	1160.4	1267.1
147.5°	967.7	943.3	918.9	943.3	967.7	973.8	1018.2	1077.4	1107.0	1148.9	1233.0
150°	985.6	963.6	941.5	963.6	985.6	991.1	1029.8	1081.2	1107.0	1142.5	1213.4
152.5°	998.3	981.5	964.7	981.5	998.3	1002.4	1037.3	1083.7	1107.0	1137.2	1197.8
155°	1024.1	1011.8	999.4	1011.8	1024.1	1027.2	1053.8	1089.3	1107.0	1131.1	1179.3
157.5°	1049.0	1037.0	1025.0	1037.0	1049.0	1052.0	1070.4	1094.8	1107.0	1125.7	1163.2
160°	1061.1	1051.7	1042.3	1051.7	1061.1	1063.4	1077.9	1097.3	1107.0	1123.1	1155.1
162.5°	1073.7	1066.6	1059.6	1066.6	1073.7	1075.4	1086.0	1100.0	1107.0	1120.6	1147.6
165°	1091.2	1084.8	1078.4	1084.8	1091.2	1092.7	1097.5	1103.8	1107.0	1116.7	1136.2
167.5°	1101.8	1098.7	1095.7	1098.7	1101.8	1102.5	1106.5	1111.8	1114.5	1120.9	1133.6
170°	1113.0	1110.0	1107.0	1110.0	1113.0	1113.8	1114.1	1114.4	1114.5	1120.9	1133.6
172.5°	1114.4	1113.7	1113.0	1113.7	1114.4	1114.5	1114.5	1114.5	1114.5	1119.6	1129.6
175°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1119.1	1116.1	1114.5	1117.7	1124.1
177.5°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1119.6	1117.2	1116.0	1118.5	1123.6
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



TEST NUMBER: P935799  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6	2599.6
2.5°	2508.6	2501.3	2511.1	2484.0	2511.1	2501.3	2508.6	2525.8	2511.1	2521.0	2530.7
5°	2201.2	2188.9	2149.5	2117.6	2149.5	2188.9	2201.2	2252.8	2277.4	2321.7	2380.7
7.5°	1967.6	1957.7	1947.9	1928.2	1947.9	1957.7	1967.6	1982.3	2006.9	2046.2	2090.5
10°	1915.9	1918.3	1933.2	1930.6	1933.2	1918.3	1915.9	1911.0	1903.6	1911.0	1938.0
12.5°	2048.8	2070.8	2152.1	2147.1	2152.1	2070.8	2048.8	1950.3	1883.9	1871.6	1876.6
15°	2201.2	2208.5	2225.8	2228.2	2225.8	2208.5	2201.2	2161.8	1962.6	1876.6	1849.5
17.5°	2215.9	2218.4	2230.7	2230.7	2230.7	2218.4	2215.9	2198.8	2132.3	2016.8	1864.3
20°	2203.7	2208.5	2233.2	2238.1	2233.2	2208.5	2203.7	2181.5	2144.6	2102.8	1987.2
22.5°	2198.8	2208.5	2228.2	2225.8	2228.2	2208.5	2198.8	2164.3	2132.3	2102.8	2056.1
25°	2174.1	2174.1	2176.6	2179.1	2176.6	2174.1	2174.1	2147.1	2083.2	2075.8	2048.8
27.5°	2122.5	2127.4	2142.2	2139.7	2142.2	2127.4	2122.5	2112.6	2043.8	2036.5	2016.8
30°	2075.8	2070.8	2058.5	2048.8	2058.5	2070.8	2075.8	2061.0	1992.2	1972.5	1977.3
32.5°	1997.1	1984.8	1972.5	1965.1	1972.5	1984.8	1997.1	1992.2	1940.5	1913.5	1918.3
35°	1903.6	1906.0	1903.6	1896.2	1903.6	1906.0	1903.6	1908.5	1876.6	1852.0	1849.5
37.5°	1837.2	1842.1	1839.6	1829.9	1839.6	1842.1	1837.2	1832.3	1788.0	1780.6	1785.6
40°	1768.3	1770.8	1768.3	1761.0	1768.3	1770.8	1768.3	1758.5	1697.0	1699.4	1716.7
42.5°	1702.0	1699.4	1692.1	1687.1	1692.1	1699.4	1702.0	1687.1	1608.4	1601.1	1633.1
45°	1625.7	1628.1	1613.4	1606.0	1613.4	1628.1	1625.7	1615.8	1534.7	1515.0	1537.1
47.5°	1549.4	1549.4	1537.1	1529.8	1537.1	1549.4	1549.4	1537.1	1451.1	1431.4	1443.7
50°	1468.3	1465.8	1448.7	1446.1	1448.7	1465.8	1468.3	1460.9	1369.9	1352.7	1352.7
52.5°	1374.8	1374.8	1377.2	1382.2	1377.2	1374.8	1374.8	1377.2	1296.1	1278.9	1273.9
55°	1293.6	1296.1	1313.4	1318.2	1313.4	1296.1	1293.6	1293.6	1219.9	1202.6	1192.8
57.5°	1210.1	1210.1	1222.3	1222.3	1222.3	1210.1	1210.1	1205.1	1133.8	1119.0	1114.2
60°	1114.2	1119.0	1128.9	1126.5	1128.9	1119.0	1114.2	1109.2	1047.7	1037.9	1020.6
62.5°	1013.3	1018.2	1020.6	1015.7	1020.6	1018.2	1013.3	998.6	961.6	954.3	932.1
65°	907.6	912.4	914.9	910.0	914.9	912.4	907.6	900.2	873.1	860.8	841.1
67.5°	799.3	796.8	794.4	804.3	794.4	796.8	799.3	789.4	772.3	762.4	735.4
70°	688.7	688.7	686.1	691.1	686.1	688.7	688.7	681.3	671.4	664.1	639.4
72.5°	570.5	568.1	578.0	570.5	578.0	568.1	570.5	568.1	563.2	555.8	531.2
75°	455.0	459.9	455.0	462.4	455.0	459.9	455.0	457.5	455.0	450.1	432.9
77.5°	346.8	351.7	346.8	346.8	346.8	351.7	346.8	349.2	349.2	349.2	334.5
80°	245.9	243.5	243.5	241.0	243.5	243.5	245.9	245.9	248.4	243.5	238.6
82.5°	157.4	154.9	154.9	159.9	154.9	154.9	157.4	159.9	154.9	154.9	154.9
85°	86.0	88.6	83.6	83.6	83.6	88.6	86.0	81.2	86.0	86.0	83.6
87.5°	32.0	29.6	29.6	29.6	29.6	29.6	32.0	34.4	34.4	34.4	36.9
90°	28.6	28.6	28.6	28.6	28.6	28.6	28.6	38.1	50.8	57.2	49.1
92.5°	143.0	137.3	114.5	91.8	114.5	137.3	143.0	202.7	282.3	322.1	282.8
95°	485.4	468.1	399.2	330.3	399.2	468.1	485.4	637.4	840.1	941.5	795.2
97.5°	1120.6	1087.8	956.7	825.6	956.7	1087.8	1120.6	1216.7	1344.8	1408.8	1164.8
100°	1573.6	1534.5	1378.4	1222.2	1378.4	1534.5	1573.6	1566.6	1557.2	1552.5	1281.8
102.5°	1960.4	1927.0	1793.1	1659.4	1793.1	1927.0	1960.4	1838.0	1674.7	1593.1	1318.5
105°	2411.9	2393.9	2322.0	2250.1	2322.0	2393.9	2411.9	2137.5	1771.6	1588.7	1322.8
107.5°	2646.7	2651.1	2668.4	2685.9	2668.4	2651.1	2646.7	2264.0	1753.6	1498.4	1263.9
110°	2707.0	2725.7	2800.6	2875.5	2800.6	2725.7	2707.0	2279.0	1708.3	1423.1	1211.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2668.5	2697.3	2812.3	2927.4	2812.3	2697.3	2668.5	2230.5	1646.5	1354.6	1166.1
115°	2538.4	2578.3	2737.8	2897.3	2737.8	2578.3	2538.4	2116.5	1553.9	1272.6	1113.9
117.5°	2358.5	2402.7	2579.7	2756.6	2579.7	2402.7	2358.5	1977.7	1470.0	1216.1	1081.1
120°	2237.3	2280.3	2452.2	2624.1	2452.2	2280.3	2237.3	1889.4	1425.5	1193.5	1070.1
122.5°	2116.2	2158.5	2328.1	2497.7	2328.1	2158.5	2116.2	1802.9	1385.2	1176.3	1064.3
125°	1955.9	1995.0	2151.2	2307.4	2151.2	1995.0	1955.9	1689.7	1334.9	1157.5	1059.6
127.5°	1827.2	1860.2	1992.0	2123.8	1992.0	1860.2	1827.2	1598.8	1294.0	1141.7	1056.9
130°	1745.9	1776.4	1898.2	2019.9	1898.2	1776.4	1745.9	1542.5	1271.2	1135.6	1058.4
132.5°	1676.7	1703.9	1813.0	1922.0	1813.0	1703.9	1676.7	1494.6	1251.8	1130.3	1059.6
135°	1578.9	1602.3	1696.3	1790.3	1696.3	1602.3	1578.9	1426.4	1223.0	1121.3	1058.6
137.5°	1506.6	1525.8	1602.7	1679.7	1602.7	1525.8	1506.6	1377.6	1205.7	1119.8	1065.1
140°	1448.7	1466.7	1538.6	1610.5	1538.6	1466.7	1448.7	1337.3	1188.8	1114.5	1066.2
142.5°	1408.1	1423.6	1485.4	1547.3	1485.4	1423.6	1408.1	1310.2	1179.8	1114.5	1070.1
145°	1347.1	1358.8	1405.6	1452.4	1405.6	1358.8	1347.1	1267.1	1160.4	1107.0	1070.1
147.5°	1295.9	1305.6	1344.5	1383.2	1344.5	1305.6	1295.9	1233.0	1148.9	1107.0	1077.4
150°	1266.6	1274.4	1305.9	1337.3	1305.9	1274.4	1266.6	1213.4	1142.5	1107.0	1081.2
152.5°	1243.2	1249.1	1272.9	1296.6	1272.9	1249.1	1243.2	1197.8	1137.2	1107.0	1083.7
155°	1215.4	1219.4	1235.1	1250.8	1235.1	1219.4	1215.4	1179.3	1131.1	1107.0	1089.3
157.5°	1191.3	1194.0	1205.0	1216.1	1205.0	1194.0	1191.3	1163.2	1125.7	1107.0	1094.8
160°	1179.3	1180.8	1187.2	1193.5	1187.2	1180.8	1179.3	1155.1	1123.1	1107.0	1097.3
162.5°	1167.9	1169.5	1175.5	1181.5	1175.5	1169.5	1167.9	1147.6	1120.6	1107.0	1100.0
165°	1150.7	1152.2	1158.6	1164.9	1158.6	1152.2	1150.7	1136.2	1116.7	1107.0	1103.8
167.5°	1143.1	1143.8	1146.4	1149.1	1146.4	1143.8	1143.1	1133.6	1120.9	1114.5	1111.8
170°	1143.1	1143.1	1143.1	1143.1	1143.1	1143.1	1143.1	1133.6	1120.9	1114.5	1114.4
172.5°	1137.1	1136.5	1134.2	1131.9	1134.2	1136.5	1137.1	1129.6	1119.6	1114.5	1114.5
175°	1128.9	1128.9	1128.9	1128.9	1128.9	1128.9	1128.9	1124.1	1117.7	1114.5	1116.1
177.5°	1127.3	1126.7	1124.0	1121.3	1124.0	1126.7	1127.3	1123.6	1118.5	1116.0	1117.2
180°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2599.6	2599.6	2599.6	2599.6	2599.6
2.5°	2567.7	2580.0	2587.3	2597.2	2621.7
5°	2469.3	2516.0	2530.7	2567.7	2611.9
7.5°	2252.8	2395.5	2434.8	2523.4	2592.3
10°	2043.8	2186.5	2255.3	2464.4	2567.7
12.5°	1938.0	2021.6	2068.4	2361.1	2533.3
15°	1871.6	1930.6	1965.1	2223.4	2493.9
17.5°	1820.0	1861.8	1886.4	2088.1	2439.7
20°	1788.0	1807.7	1829.9	1989.6	2378.3
22.5°	1765.9	1753.6	1770.8	1920.8	2294.7
25°	1751.1	1704.4	1724.0	1866.7	2196.2
27.5°	1763.4	1660.1	1667.5	1817.6	2092.9
30°	1765.9	1606.0	1608.4	1765.9	1977.3
32.5°	1748.7	1549.4	1552.0	1702.0	1847.0
35°	1706.9	1483.1	1480.5	1628.1	1670.0
37.5°	1650.3	1411.7	1411.7	1547.0	1475.7
40°	1581.4	1340.4	1347.8	1441.2	1303.5
42.5°	1497.8	1264.2	1273.9	1301.1	1175.6
45°	1406.8	1190.3	1197.8	1099.3	1077.2
47.5°	1305.9	1114.2	1116.6	912.4	1045.3
50°	1185.5	1035.4	1025.6	782.1	1042.8
52.5°	1079.7	949.3	919.9	708.3	946.9
55°	976.4	858.3	794.4	651.7	878.0
57.5°	885.4	740.3	678.8	585.4	863.3
60°	801.8	624.7	578.0	514.1	792.0
62.5°	733.0	538.6	528.8	464.8	718.1
65°	659.1	479.6	477.1	423.1	610.0
67.5°	587.8	440.2	437.8	383.6	464.8
70°	511.5	398.5	393.5	341.9	344.3
72.5°	432.9	351.7	346.8	307.5	285.3
75°	354.2	297.6	295.2	268.1	231.2
77.5°	277.9	236.1	241.0	216.5	169.7
80°	199.2	172.2	177.0	154.9	127.9
82.5°	132.8	113.2	118.0	98.4	86.0
85°	73.7	64.0	66.4	51.6	39.3
87.5°	34.4	29.6	29.6	19.7	12.3
90°	33.0	21.0	19.6	13.6	7.6
92.5°	204.2	145.3	132.5	81.3	30.1
95°	502.4	282.9	259.5	165.9	72.3
97.5°	676.7	310.8	290.1	207.5	124.9
100°	740.2	334.1	315.4	240.5	165.6
102.5°	769.4	357.5	340.0	270.1	200.2
105°	790.9	392.1	377.2	318.1	258.9
107.5°	795.0	443.2	429.5	374.2	319.1
110°	788.9	471.8	459.3	409.5	359.7



TEST NUMBER: P935799

CATALOG NUMBER: SQ4-FA-125U-125D-B35-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	789.2	506.5	494.6	447.1	399.6
115°	796.5	558.4	547.5	503.6	459.8
117.5°	811.2	608.8	598.8	559.1	519.3
120°	823.3	638.2	628.8	591.4	553.9
122.5°	840.6	672.8	663.4	625.6	587.8
125°	864.0	717.2	708.5	674.1	639.6
127.5°	887.3	760.1	751.4	716.6	681.8
130°	904.3	788.7	779.3	741.9	704.4
132.5°	918.1	812.0	802.6	765.2	727.7
135°	933.1	839.1	830.5	796.4	762.3
137.5°	955.7	873.7	865.3	831.5	797.7
140°	969.5	897.0	889.3	858.1	827.0
142.5°	981.1	914.3	907.2	878.4	849.6
145°	996.1	940.7	934.4	909.3	884.2
147.5°	1018.2	973.8	967.7	943.3	918.9
150°	1029.8	991.1	985.6	963.6	941.5
152.5°	1037.3	1002.4	998.3	981.5	964.7
155°	1053.8	1027.2	1024.1	1011.8	999.4
157.5°	1070.4	1052.0	1049.0	1037.0	1025.0
160°	1077.9	1063.4	1061.1	1051.7	1042.3
162.5°	1086.0	1075.4	1073.7	1066.6	1059.6
165°	1097.5	1092.7	1091.2	1084.8	1078.4
167.5°	1106.5	1102.5	1101.8	1098.7	1095.7
170°	1114.1	1113.8	1113.0	1110.0	1107.0
172.5°	1114.5	1114.5	1114.4	1113.7	1113.0
175°	1119.1	1121.3	1121.3	1121.3	1121.3
177.5°	1119.6	1121.3	1121.3	1121.3	1121.3
180°	1121.3	1121.3	1121.3	1121.3	1121.3



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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	14.28	15.12	15.25	16.11	17.41	17.10	17.95	18.07	18.93	20.23
	3H	14.75	15.51	15.74	16.51	17.83	18.44	19.20	19.43	20.20	21.52
	4H	14.94	15.66	15.94	16.66	17.99	18.89	19.60	19.88	20.60	21.93
	6H	15.06	15.72	16.07	16.73	18.07	19.17	19.83	20.18	20.83	22.17
	8H	15.06	15.69	16.08	16.71	18.05	19.24	19.87	20.26	20.89	22.23
	12H	15.03	15.63	16.05	16.65	18.01	19.28	19.88	20.30	20.89	22.25
4H	2H	15.31	16.02	16.31	17.02	18.35	17.51	18.23	18.51	19.23	20.55
	3H	16.33	16.93	17.34	17.96	19.30	19.01	19.61	20.02	20.64	21.98
	4H	16.61	17.15	17.63	18.17	19.54	19.54	20.08	20.56	21.10	22.47
	6H	16.73	17.20	17.76	18.25	19.61	19.90	20.37	20.93	21.41	22.78
	8H	16.74	17.18	17.77	18.21	19.59	20.01	20.44	21.04	21.48	22.86
	12H	16.70	17.10	17.75	18.15	19.53	20.06	20.46	21.11	21.51	22.89
8H	4H	17.06	17.50	18.09	18.53	19.91	19.66	20.10	20.69	21.14	22.51
	6H	17.32	17.68	18.38	18.76	20.13	20.10	20.46	21.15	21.54	22.91
	8H	17.36	17.68	18.43	18.74	20.14	20.25	20.57	21.31	21.63	23.02
	12H	17.35	17.63	18.41	18.68	20.12	20.34	20.62	21.41	21.68	23.12
12H	4H	17.06	17.46	18.12	18.51	19.89	19.63	20.02	20.68	21.07	22.45
	6H	17.38	17.70	18.44	18.76	20.16	20.09	20.41	21.16	21.48	22.87
	8H	17.45	17.73	18.51	18.79	20.22	20.25	20.53	21.32	21.59	23.03