

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: P935711

Luminaire Tested: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935711
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-830-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

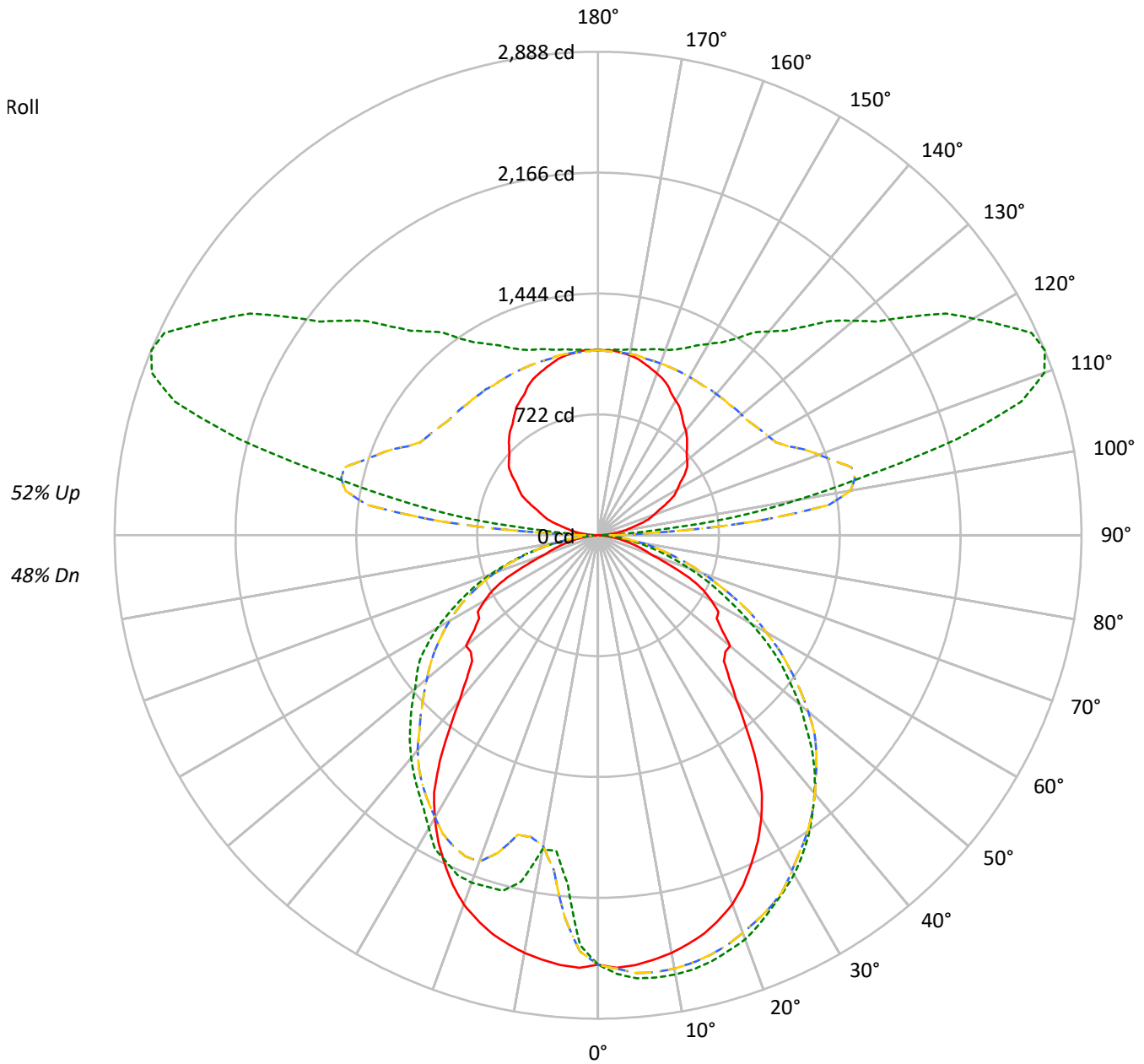
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13825.6 lumens
Efficiency: N/A
Efficacy: 122.6 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

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Luminous Intensity Polar Plot



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

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48		
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41		
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34		
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29		
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25		
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21		
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19		
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17		
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15		
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13		
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15866	15866	15866	15866
5°	15979	16016	15979	12593
10°	15866	15777	15866	11279
15°	15688	15435	15688	12888
20°	15354	15030	15354	12915
25°	14676	14439	14676	12642
30°	13802	13949	13802	12041
35°	12299	13329	12299	11380
40°	10242	12598	10242	10881
45°	9146	11744	9146	10308
50°	9708	10725	9708	9731
55°	9125	9626	9125	9398
60°	9395	8176	9395	8609
65°	8505	6758	8505	7555
70°	5875	5386	5875	6332
75°	5133	3982	5133	4768
80°	4108	2632	4108	2866
85°	2313	1393	2313	1185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14026 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.5	1.7
10°-20°	657.3	4.8
20°-30°	1016.1	7.3
30°-40°	1213.0	8.8
40°-50°	1220.1	8.8
50°-60°	1061.7	7.7
60°-70°	752.7	5.4
70°-80°	398.2	2.9
80°-90°	103.4	0.7
90°-100°	539.3	3.9
100°-110°	1417.7	10.3
110°-120°	1470.0	10.6
120°-130°	1179.1	8.5
130°-140°	925.2	6.7
140°-150°	710.1	5.1
150°-160°	511.4	3.7
160°-170°	312.9	2.3
170°-180°	105.7	0.8
0°-30°	1905.0	13.8
0°-40°	3118.0	22.6
0°-60°	5399.8	39.1
0°-90°	6654.2	48.1
90°-120°	3427.0	24.8
90°-150°	6241.4	45.1
90°-180°	7171.0	51.9
0°-180°	13825.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2565	2565	2565	2565	2565	
5°	2577	2657	2577	2089	2577	244
15°	2460	2633	2460	2198	2460	692
25°	2167	2456	2167	2150	2167	995
35°	1648	2191	1648	1871	1648	1019
45°	1063	1805	1063	1584	1063	851
55°	866	1332	866	1300	866	796
65°	602	803	602	898	602	575
75°	228	381	228	456	228	240
85°	39	97	39	82	39	52
90°	8	28	8	28	8	8
95°	71	326	71	326	71	79
105°	255	2220	255	2220	255	271
115°	454	2858	454	2858	454	448
125°	631	2276	631	2276	631	560
135°	752	1766	752	1766	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1149	1064	1149	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2586.6	2586.6	2601.2	2606.0	2606.0	2598.7	2591.4	2598.7	2620.6	2627.9	2625.4
5°	2576.9	2596.3	2623.0	2627.9	2632.7	2630.2	2625.4	2630.2	2654.5	2659.4	2661.8
7.5°	2557.5	2593.8	2627.9	2635.1	2642.4	2635.1	2632.7	2637.5	2661.8	2666.7	2666.7
10°	2533.2	2584.2	2623.0	2627.9	2635.1	2627.9	2627.9	2637.5	2661.8	2666.7	2669.1
12.5°	2499.3	2569.6	2606.0	2610.8	2620.6	2618.1	2615.7	2625.4	2649.6	2654.5	2654.5
15°	2460.5	2542.9	2576.9	2581.8	2598.7	2593.8	2593.8	2603.6	2630.2	2637.5	2635.1
17.5°	2407.0	2508.9	2547.7	2555.0	2567.1	2564.8	2567.1	2576.9	2601.2	2606.0	2608.4
20°	2346.4	2462.8	2508.9	2516.2	2528.3	2528.3	2528.3	2540.5	2564.8	2574.4	2574.4
22.5°	2263.9	2414.3	2462.8	2467.7	2482.3	2482.3	2487.1	2504.1	2525.9	2528.3	2528.3
25°	2166.8	2360.9	2402.1	2416.8	2431.3	2438.6	2445.8	2455.6	2462.8	2460.5	2462.8
27.5°	2064.9	2293.0	2346.4	2356.1	2375.5	2382.7	2392.5	2394.9	2397.4	2404.6	2399.8
30°	1950.8	2198.3	2278.4	2288.1	2319.6	2324.5	2314.9	2319.6	2331.8	2336.7	2341.5
32.5°	1822.2	2057.6	2208.1	2229.9	2259.0	2244.5	2242.0	2249.3	2268.7	2268.7	2273.6
35°	1647.6	1948.4	2142.6	2162.0	2183.8	2166.8	2176.5	2178.9	2191.1	2198.3	2195.9
37.5°	1455.9	1853.8	2074.6	2089.1	2106.2	2084.3	2098.9	2106.2	2115.8	2111.0	2111.0
40°	1286.0	1705.8	1994.5	2004.3	2018.8	2001.8	2016.4	2021.3	2026.1	2021.3	2018.8
42.5°	1159.8	1543.2	1909.6	1921.8	1912.0	1924.1	1929.0	1938.8	1931.4	1921.8	1921.8
45°	1062.8	1499.6	1817.4	1832.0	1817.4	1836.9	1844.1	1844.1	1822.2	1817.4	1815.0
47.5°	1031.2	1412.2	1725.2	1725.2	1717.9	1742.2	1754.4	1737.3	1715.4	1708.2	1708.2
50°	1028.8	1315.2	1599.0	1589.4	1623.3	1652.4	1640.3	1623.3	1606.3	1579.6	1579.6
52.5°	934.2	1196.2	1436.5	1472.8	1526.3	1543.2	1523.8	1506.8	1477.7	1465.5	1455.9
55°	866.2	1072.4	1288.4	1361.2	1417.1	1438.9	1402.5	1385.5	1341.8	1334.6	1329.7
57.5°	851.7	892.9	1152.6	1244.8	1312.7	1310.3	1288.4	1256.9	1220.5	1213.3	1210.8
60°	781.3	645.4	1007.0	1116.1	1186.5	1179.2	1159.8	1130.8	1096.7	1091.9	1087.1
62.5°	708.5	468.3	841.9	965.8	1065.2	1062.8	1045.8	1002.1	977.9	965.8	956.0
65°	601.8	393.1	599.3	803.1	946.3	951.1	914.8	883.2	856.6	841.9	839.6
67.5°	458.6	320.3	405.2	669.7	832.3	827.4	781.3	766.7	732.8	725.5	711.0
70°	339.7	213.6	281.4	543.5	720.6	708.5	672.2	655.1	623.6	606.6	596.9
72.5°	281.4	172.3	206.2	422.2	606.6	592.1	560.5	541.1	514.4	499.9	490.1
75°	228.1	182.0	157.7	313.0	492.5	482.9	453.7	434.3	412.5	393.1	395.5
77.5°	167.4	169.9	126.2	230.5	390.6	376.1	359.1	334.9	325.1	305.7	305.7
80°	126.2	133.5	94.6	157.7	281.4	281.4	266.9	249.9	233.0	223.2	223.2
82.5°	84.9	84.9	70.4	99.5	191.7	184.4	174.7	169.9	160.1	155.3	155.3
85°	38.8	48.6	43.7	60.7	104.3	109.2	109.2	104.3	101.9	97.0	99.5
87.5°	12.1	21.8	26.7	33.9	53.3	55.8	58.2	58.2	58.2	60.7	60.7
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9	478.9	461.8
97.5°	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4	1105.5	1073.2
100°	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6	1552.4	1513.9
102.5°	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3	1934.1	1901.1
105°	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8	2379.6	2361.8
107.5°	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6	2611.2	2615.5
110°	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4	2670.7	2689.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6	2632.7	2661.1
115°	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1	2504.3	2543.7
117.5°	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2	2326.9	2370.5
120°	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0	2207.3	2249.8
122.5°	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7	2087.8	2129.6
125°	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1	1929.7	1968.2
127.5°	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3	1802.7	1835.2
130°	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8	1722.5	1752.5
132.5°	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5	1654.2	1681.0
135°	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2	1557.7	1580.8
137.5°	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1	1486.4	1505.3
140°	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4	1429.2	1447.0
142.5°	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6	1389.2	1404.5
145°	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1	1329.0	1340.6
147.5°	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4	1278.6	1288.1
150°	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1	1249.6	1257.3
152.5°	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7	1226.5	1232.4
155°	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5	1199.1	1203.0
157.5°	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6	1175.3	1178.0
160°	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6	1163.5	1165.0
162.5°	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2	1152.3	1153.8
165°	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9	1135.2	1136.8
167.5°	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4	1127.8	1128.5
170°	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4	1127.8	1127.8
172.5°	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4	1121.9	1121.3
175°	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1	1113.7	1113.7
177.5°	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5	1112.2	1111.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2630.2	2623.0	2630.2	2625.4	2627.9	2620.6	2598.7	2591.4	2598.7	2606.0	2606.0
5°	2661.8	2656.9	2661.8	2661.8	2659.4	2654.5	2630.2	2625.4	2630.2	2632.7	2627.9
7.5°	2671.5	2664.3	2671.5	2666.7	2666.7	2661.8	2637.5	2632.7	2635.1	2642.4	2635.1
10°	2671.5	2664.3	2671.5	2669.1	2666.7	2661.8	2637.5	2627.9	2627.9	2635.1	2627.9
12.5°	2659.4	2654.5	2659.4	2654.5	2654.5	2649.6	2625.4	2615.7	2618.1	2620.6	2610.8
15°	2640.0	2632.7	2640.0	2635.1	2637.5	2630.2	2603.6	2593.8	2593.8	2598.7	2581.8
17.5°	2610.8	2601.2	2610.8	2608.4	2606.0	2601.2	2576.9	2567.1	2564.8	2567.1	2555.0
20°	2576.9	2569.6	2576.9	2574.4	2574.4	2564.8	2540.5	2528.3	2528.3	2528.3	2516.2
22.5°	2523.5	2516.2	2523.5	2528.3	2528.3	2525.9	2504.1	2487.1	2482.3	2482.3	2467.7
25°	2462.8	2455.6	2462.8	2462.8	2460.5	2462.8	2455.6	2445.8	2438.6	2431.3	2416.8
27.5°	2404.6	2399.8	2404.6	2399.8	2404.6	2397.4	2394.9	2392.5	2382.7	2375.5	2356.1
30°	2346.4	2341.5	2346.4	2341.5	2336.7	2331.8	2319.6	2314.9	2324.5	2319.6	2288.1
32.5°	2273.6	2268.7	2273.6	2273.6	2268.7	2268.7	2249.3	2242.0	2244.5	2259.0	2229.9
35°	2198.3	2191.1	2198.3	2195.9	2198.3	2191.1	2178.9	2176.5	2166.8	2183.8	2162.0
37.5°	2111.0	2103.7	2111.0	2111.0	2111.0	2115.8	2106.2	2098.9	2084.3	2106.2	2089.1
40°	2021.3	2011.5	2021.3	2018.8	2021.3	2026.1	2021.3	2016.4	2001.8	2018.8	2004.3
42.5°	1919.4	1916.9	1919.4	1921.8	1921.8	1931.4	1938.8	1929.0	1924.1	1912.0	1921.8
45°	1810.1	1805.3	1810.1	1815.0	1817.4	1822.2	1844.1	1844.1	1836.9	1817.4	1832.0
47.5°	1693.6	1681.5	1693.6	1708.2	1708.2	1715.4	1737.3	1754.4	1742.2	1717.9	1725.2
50°	1569.9	1572.3	1569.9	1579.6	1579.6	1606.3	1623.3	1640.3	1652.4	1623.3	1589.4
52.5°	1448.6	1446.1	1448.6	1455.9	1465.5	1477.7	1506.8	1523.8	1543.2	1526.3	1472.8
55°	1327.2	1332.1	1327.2	1329.7	1334.6	1341.8	1385.5	1402.5	1438.9	1417.1	1361.2
57.5°	1205.9	1198.6	1205.9	1210.8	1213.3	1220.5	1256.9	1288.4	1310.3	1312.7	1244.8
60°	1065.2	1055.5	1065.2	1087.1	1091.9	1096.7	1130.8	1159.8	1179.2	1186.5	1116.1
62.5°	941.5	924.5	941.5	956.0	965.8	977.9	1002.1	1045.8	1062.8	1065.2	965.8
65°	810.4	803.1	810.4	839.6	841.9	856.6	883.2	914.8	951.1	946.3	803.1
67.5°	691.6	691.6	691.6	711.0	725.5	732.8	766.7	781.3	827.4	832.3	669.7
70°	582.3	579.9	582.3	596.9	606.6	623.6	655.1	672.2	708.5	720.6	543.5
72.5°	478.0	475.6	478.0	490.1	499.9	514.4	541.1	560.5	592.1	606.6	422.2
75°	385.8	381.0	385.8	395.5	393.1	412.5	434.3	453.7	482.9	492.5	313.0
77.5°	296.1	296.1	296.1	305.7	305.7	325.1	334.9	359.1	376.1	390.6	230.5
80°	220.8	218.4	220.8	223.2	223.2	233.0	249.9	266.9	281.4	281.4	157.7
82.5°	155.3	150.5	155.3	155.3	155.3	160.1	169.9	174.7	184.4	191.7	99.5
85°	97.0	97.0	97.0	99.5	97.0	101.9	104.3	109.2	109.2	104.3	60.7
87.5°	63.1	60.7	63.1	60.7	60.7	58.2	58.2	58.2	55.8	53.3	33.9
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.4	143.3
95°	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5	495.7	279.2
97.5°	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2	667.7	306.6
100°	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6	730.3	329.6
102.5°	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8	759.1	352.7
105°	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0	780.3	386.8
107.5°	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9	784.3	437.3
110°	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4	778.3	465.5



TEST NUMBER: P935711

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5	778.6	499.7
115°	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9	785.8	550.9
117.5°	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6	800.4	600.7
120°	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7	812.2	629.6
122.5°	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1	829.3	663.8
125°	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4	852.4	707.5
127.5°	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7	875.4	749.9
130°	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2	892.1	778.1
132.5°	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4	905.8	801.1
135°	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4	920.6	827.8
137.5°	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8	942.9	862.0
140°	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9	956.5	885.0
142.5°	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7	968.0	902.1
145°	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7	982.8	928.1
147.5°	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0	1004.6	960.8
150°	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7	1015.9	977.8
152.5°	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2	1023.4	989.0
155°	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6	1039.6	1013.5
157.5°	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1	1056.0	1037.9
160°	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6	1063.5	1049.1
162.5°	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3	1071.4	1061.0
165°	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0	1082.8	1078.1
167.5°	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9	1091.7	1087.7
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4	1099.1	1098.8
172.5°	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1	1104.1	1106.3
177.5°	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2	1104.6	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935711

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2601.2	2586.6	2586.6	2562.4	2552.6	2545.4	2533.2	2496.8	2487.1	2477.4	2491.9
5°	2623.0	2596.3	2576.9	2533.2	2496.8	2482.3	2436.2	2348.8	2290.6	2246.9	2222.6
7.5°	2627.9	2593.8	2557.5	2489.5	2402.1	2363.3	2222.6	2062.5	2018.8	1980.0	1955.7
10°	2623.0	2584.2	2533.2	2431.3	2225.1	2157.1	2016.4	1912.0	1885.3	1878.1	1885.3
12.5°	2606.0	2569.6	2499.3	2329.4	2040.7	1994.5	1912.0	1851.4	1846.5	1858.7	1924.1
15°	2576.9	2542.9	2460.5	2193.5	1938.8	1904.7	1846.5	1824.7	1851.4	1936.3	2132.8
17.5°	2547.7	2508.9	2407.0	2060.1	1861.0	1836.9	1795.6	1839.2	1989.7	2103.7	2169.3
20°	2508.9	2462.8	2346.4	1963.0	1805.3	1783.4	1764.0	1960.6	2074.6	2115.8	2152.2
22.5°	2462.8	2414.3	2263.9	1895.1	1747.0	1730.1	1742.2	2028.5	2074.6	2103.7	2135.2
25°	2402.1	2360.9	2166.8	1841.6	1700.9	1681.5	1727.6	2021.3	2047.9	2055.2	2118.3
27.5°	2346.4	2293.0	2064.9	1793.2	1645.1	1637.8	1739.7	1989.7	2009.1	2016.4	2084.3
30°	2278.4	2198.3	1950.8	1742.2	1586.9	1584.5	1742.2	1950.8	1946.0	1965.4	2033.3
32.5°	2208.1	2057.6	1822.2	1679.1	1531.1	1528.6	1725.2	1892.6	1887.8	1914.5	1965.4
35°	2142.6	1948.4	1647.6	1606.3	1460.7	1463.2	1684.0	1824.7	1827.1	1851.4	1882.9
37.5°	2074.6	1853.8	1455.9	1526.3	1392.8	1392.8	1628.2	1761.6	1756.7	1764.0	1807.7
40°	1994.5	1705.8	1286.0	1421.9	1329.7	1322.4	1560.2	1693.6	1676.6	1674.2	1734.9
42.5°	1909.6	1543.2	1159.8	1283.6	1256.9	1247.2	1477.7	1611.1	1579.6	1586.9	1664.5
45°	1817.4	1499.6	1062.8	1084.6	1181.7	1174.4	1387.9	1516.5	1494.7	1514.1	1594.1
47.5°	1725.2	1412.2	1031.2	900.2	1101.6	1099.2	1288.4	1424.3	1412.2	1431.6	1516.5
50°	1599.0	1315.2	1028.8	771.6	1011.8	1021.5	1169.6	1334.6	1334.6	1351.5	1441.3
52.5°	1436.5	1196.2	934.2	698.8	907.5	936.6	1065.2	1256.9	1261.7	1278.7	1358.8
55°	1288.4	1072.4	866.2	643.0	783.7	846.8	963.3	1176.8	1186.5	1203.5	1276.3
57.5°	1152.6	892.9	851.7	577.5	669.7	730.4	873.5	1099.2	1104.0	1118.6	1189.0
60°	1007.0	645.4	781.3	507.2	570.3	616.3	791.0	1007.0	1024.0	1033.6	1094.3
62.5°	841.9	468.3	708.5	458.6	521.7	531.3	723.1	919.6	941.5	948.7	985.2
65°	599.3	393.1	601.8	417.4	470.7	473.1	650.3	829.8	849.2	861.4	888.1
67.5°	405.2	320.3	458.6	378.5	431.9	434.3	579.9	725.5	752.2	761.9	778.9
70°	281.4	213.6	339.7	337.3	388.2	393.1	504.7	630.9	655.1	662.4	672.2
72.5°	206.2	172.3	281.4	303.3	342.2	347.0	427.0	524.1	548.4	555.6	560.5
75°	157.7	182.0	228.1	264.5	291.2	293.6	349.4	427.0	444.1	448.9	451.3
77.5°	126.2	169.9	167.4	213.6	237.8	233.0	274.2	330.0	344.5	344.5	344.5
80°	94.6	133.5	126.2	152.9	174.7	169.9	196.6	235.4	240.2	245.0	242.6
82.5°	70.4	84.9	84.9	97.0	116.4	111.7	131.1	152.9	152.9	152.9	157.7
85°	43.7	48.6	38.8	51.0	65.5	63.1	72.8	82.5	84.9	84.9	80.1
87.5°	26.7	21.8	12.1	19.4	29.2	29.2	33.9	36.4	33.9	33.9	33.9
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0
95°	256.0	163.7	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9
97.5°	286.2	204.7	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4
100°	311.2	237.3	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6
102.5°	335.5	266.4	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3
105°	372.2	313.9	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8
107.5°	423.7	369.2	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6
110°	453.1	404.0	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4



TEST NUMBER: P935711

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	487.9	441.1	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6
115°	540.1	496.8	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1
117.5°	590.8	551.6	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2
120°	620.3	583.4	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0
122.5°	654.5	617.2	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7
125°	699.0	665.1	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1
127.5°	741.3	707.0	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3
130°	768.8	731.9	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8
132.5°	791.9	755.0	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5
135°	819.4	785.7	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2
137.5°	853.7	820.3	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1
140°	877.3	846.6	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4
142.5°	895.0	866.6	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6
145°	921.9	897.1	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1
147.5°	954.8	930.7	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4
150°	972.3	950.6	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1
152.5°	984.9	968.3	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7
155°	1010.4	998.3	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5
157.5°	1035.0	1023.1	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6
160°	1046.8	1037.5	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6
162.5°	1059.2	1052.3	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2
165°	1076.6	1070.2	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9
167.5°	1087.0	1084.0	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4
170°	1098.1	1095.1	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4
172.5°	1099.4	1098.7	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4
175°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1
177.5°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935711

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2475.0	2467.7	2477.4	2450.7	2477.4	2467.7	2475.0	2491.9	2477.4	2487.1	2496.8
5°	2171.6	2159.5	2120.7	2089.1	2120.7	2159.5	2171.6	2222.6	2246.9	2290.6	2348.8
7.5°	1941.2	1931.4	1921.8	1902.3	1921.8	1931.4	1941.2	1955.7	1980.0	2018.8	2062.5
10°	1890.2	1892.6	1907.2	1904.7	1907.2	1892.6	1890.2	1885.3	1878.1	1885.3	1912.0
12.5°	2021.3	2043.1	2123.2	2118.3	2123.2	2043.1	2021.3	1924.1	1858.7	1846.5	1851.4
15°	2171.6	2178.9	2195.9	2198.3	2195.9	2178.9	2171.6	2132.8	1936.3	1851.4	1824.7
17.5°	2186.2	2188.7	2200.8	2200.8	2200.8	2188.7	2186.2	2169.3	2103.7	1989.7	1839.2
20°	2174.1	2178.9	2203.2	2208.1	2203.2	2178.9	2174.1	2152.2	2115.8	2074.6	1960.6
22.5°	2169.3	2178.9	2198.3	2195.9	2198.3	2178.9	2169.3	2135.2	2103.7	2074.6	2028.5
25°	2145.0	2145.0	2147.4	2149.9	2147.4	2145.0	2145.0	2118.3	2055.2	2047.9	2021.3
27.5°	2094.0	2098.9	2113.4	2111.0	2113.4	2098.9	2094.0	2084.3	2016.4	2009.1	1989.7
30°	2047.9	2043.1	2030.9	2021.3	2030.9	2043.1	2047.9	2033.3	1965.4	1946.0	1950.8
32.5°	1970.3	1958.2	1946.0	1938.8	1946.0	1958.2	1970.3	1965.4	1914.5	1887.8	1892.6
35°	1878.1	1880.5	1878.1	1870.8	1878.1	1880.5	1878.1	1882.9	1851.4	1827.1	1824.7
37.5°	1812.6	1817.4	1815.0	1805.3	1815.0	1817.4	1812.6	1807.7	1764.0	1756.7	1761.6
40°	1744.6	1747.0	1744.6	1737.3	1744.6	1747.0	1744.6	1734.9	1674.2	1676.6	1693.6
42.5°	1679.1	1676.6	1669.4	1664.5	1669.4	1676.6	1679.1	1664.5	1586.9	1579.6	1611.1
45°	1603.9	1606.3	1591.7	1584.5	1591.7	1606.3	1603.9	1594.1	1514.1	1494.7	1516.5
47.5°	1528.6	1528.6	1516.5	1509.2	1516.5	1528.6	1528.6	1516.5	1431.6	1412.2	1424.3
50°	1448.6	1446.1	1429.2	1426.7	1429.2	1446.1	1448.6	1441.3	1351.5	1334.6	1334.6
52.5°	1356.4	1356.4	1358.8	1363.6	1358.8	1356.4	1356.4	1358.8	1278.7	1261.7	1256.9
55°	1276.3	1278.7	1295.8	1300.5	1295.8	1278.7	1276.3	1276.3	1203.5	1186.5	1176.8
57.5°	1193.9	1193.9	1205.9	1205.9	1205.9	1193.9	1193.9	1189.0	1118.6	1104.0	1099.2
60°	1099.2	1104.0	1113.7	1111.4	1113.7	1104.0	1099.2	1094.3	1033.6	1024.0	1007.0
62.5°	999.7	1004.6	1007.0	1002.1	1007.0	1004.6	999.7	985.2	948.7	941.5	919.6
65°	895.4	900.2	902.7	897.8	902.7	900.2	895.4	888.1	861.4	849.2	829.8
67.5°	788.6	786.1	783.7	793.5	783.7	786.1	788.6	778.9	761.9	752.2	725.5
70°	679.4	679.4	676.9	681.8	676.9	679.4	679.4	672.2	662.4	655.1	630.9
72.5°	562.9	560.5	570.3	562.9	570.3	560.5	562.9	560.5	555.6	548.4	524.1
75°	448.9	453.7	448.9	456.2	448.9	453.7	448.9	451.3	448.9	444.1	427.0
77.5°	342.2	347.0	342.2	342.2	342.2	347.0	342.2	344.5	344.5	344.5	330.0
80°	242.6	240.2	240.2	237.8	240.2	240.2	242.6	242.6	245.0	240.2	235.4
82.5°	155.3	152.9	152.9	157.7	152.9	152.9	155.3	157.7	152.9	152.9	152.9
85°	84.9	87.4	82.5	82.5	82.5	87.4	84.9	80.1	84.9	84.9	82.5
87.5°	31.5	29.2	29.2	29.2	29.2	29.2	31.5	33.9	33.9	33.9	36.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	478.9	461.8	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5
97.5°	1105.5	1073.2	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2
100°	1552.4	1513.9	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6
102.5°	1934.1	1901.1	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8
105°	2379.6	2361.8	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0
107.5°	2611.2	2615.5	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9
110°	2670.7	2689.1	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2632.7	2661.1	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5
115°	2504.3	2543.7	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9
117.5°	2326.9	2370.5	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6
120°	2207.3	2249.8	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7
122.5°	2087.8	2129.6	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1
125°	1929.7	1968.2	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4
127.5°	1802.7	1835.2	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7
130°	1722.5	1752.5	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2
132.5°	1654.2	1681.0	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4
135°	1557.7	1580.8	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4
137.5°	1486.4	1505.3	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8
140°	1429.2	1447.0	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9
142.5°	1389.2	1404.5	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7
145°	1329.0	1340.6	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7
147.5°	1278.6	1288.1	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0
150°	1249.6	1257.3	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7
152.5°	1226.5	1232.4	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2
155°	1199.1	1203.0	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6
157.5°	1175.3	1178.0	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1
160°	1163.5	1165.0	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6
162.5°	1152.3	1153.8	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3
165°	1135.2	1136.8	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0
167.5°	1127.8	1128.5	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4
172.5°	1121.9	1121.3	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1
177.5°	1112.2	1111.5	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2533.2	2545.4	2552.6	2562.4	2586.6
5°	2436.2	2482.3	2496.8	2533.2	2576.9
7.5°	2222.6	2363.3	2402.1	2489.5	2557.5
10°	2016.4	2157.1	2225.1	2431.3	2533.2
12.5°	1912.0	1994.5	2040.7	2329.4	2499.3
15°	1846.5	1904.7	1938.8	2193.5	2460.5
17.5°	1795.6	1836.9	1861.0	2060.1	2407.0
20°	1764.0	1783.4	1805.3	1963.0	2346.4
22.5°	1742.2	1730.1	1747.0	1895.1	2263.9
25°	1727.6	1681.5	1700.9	1841.6	2166.8
27.5°	1739.7	1637.8	1645.1	1793.2	2064.9
30°	1742.2	1584.5	1586.9	1742.2	1950.8
32.5°	1725.2	1528.6	1531.1	1679.1	1822.2
35°	1684.0	1463.2	1460.7	1606.3	1647.6
37.5°	1628.2	1392.8	1392.8	1526.3	1455.9
40°	1560.2	1322.4	1329.7	1421.9	1286.0
42.5°	1477.7	1247.2	1256.9	1283.6	1159.8
45°	1387.9	1174.4	1181.7	1084.6	1062.8
47.5°	1288.4	1099.2	1101.6	900.2	1031.2
50°	1169.6	1021.5	1011.8	771.6	1028.8
52.5°	1065.2	936.6	907.5	698.8	934.2
55°	963.3	846.8	783.7	643.0	866.2
57.5°	873.5	730.4	669.7	577.5	851.7
60°	791.0	616.3	570.3	507.2	781.3
62.5°	723.1	531.3	521.7	458.6	708.5
65°	650.3	473.1	470.7	417.4	601.8
67.5°	579.9	434.3	431.9	378.5	458.6
70°	504.7	393.1	388.2	337.3	339.7
72.5°	427.0	347.0	342.2	303.3	281.4
75°	349.4	293.6	291.2	264.5	228.1
77.5°	274.2	233.0	237.8	213.6	167.4
80°	196.6	169.9	174.7	152.9	126.2
82.5°	131.1	111.7	116.4	97.0	84.9
85°	72.8	63.1	65.5	51.0	38.8
87.5°	33.9	29.2	29.2	19.4	12.1
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.4	143.3	130.7	80.2	29.7
95°	495.7	279.2	256.0	163.7	71.3
97.5°	667.7	306.6	286.2	204.7	123.2
100°	730.3	329.6	311.2	237.3	163.4
102.5°	759.1	352.7	335.5	266.4	197.5
105°	780.3	386.8	372.2	313.9	255.4
107.5°	784.3	437.3	423.7	369.2	314.8
110°	778.3	465.5	453.1	404.0	354.9



TEST NUMBER: P935711

CATALOG NUMBER: SQ4-FA-125U-125D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	778.6	499.7	487.9	441.1	394.3
115°	785.8	550.9	540.1	496.8	453.6
117.5°	800.4	600.7	590.8	551.6	512.3
120°	812.2	629.6	620.3	583.4	546.4
122.5°	829.3	663.8	654.5	617.2	579.9
125°	852.4	707.5	699.0	665.1	631.1
127.5°	875.4	749.9	741.3	707.0	672.6
130°	892.1	778.1	768.8	731.9	694.9
132.5°	905.8	801.1	791.9	755.0	718.0
135°	920.6	827.8	819.4	785.7	752.1
137.5°	942.9	862.0	853.7	820.3	787.0
140°	956.5	885.0	877.3	846.6	815.9
142.5°	968.0	902.1	895.0	866.6	838.2
145°	982.8	928.1	921.9	897.1	872.4
147.5°	1004.6	960.8	954.8	930.7	906.6
150°	1015.9	977.8	972.3	950.6	928.8
152.5°	1023.4	989.0	984.9	968.3	951.8
155°	1039.6	1013.5	1010.4	998.3	986.0
157.5°	1056.0	1037.9	1035.0	1023.1	1011.3
160°	1063.5	1049.1	1046.8	1037.5	1028.3
162.5°	1071.4	1061.0	1059.2	1052.3	1045.4
165°	1082.8	1078.1	1076.6	1070.2	1063.9
167.5°	1091.7	1087.7	1087.0	1084.0	1081.0
170°	1099.1	1098.8	1098.1	1095.1	1092.1
172.5°	1099.6	1099.6	1099.4	1098.7	1098.1
175°	1104.1	1106.3	1106.3	1106.3	1106.3
177.5°	1104.6	1106.3	1106.3	1106.3	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935711
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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	14.23	15.08	15.20	16.06	17.36	17.05	17.90	18.03	18.89	20.18
	3H	14.71	15.46	15.69	16.46	17.78	18.40	19.15	19.38	20.15	21.47
	4H	14.90	15.61	15.89	16.61	17.94	18.84	19.56	19.84	20.56	21.88
	6H	15.02	15.68	16.02	16.68	18.02	19.12	19.78	20.13	20.79	22.13
	8H	15.02	15.64	16.03	16.67	18.00	19.20	19.82	20.21	20.84	22.18
	12H	14.99	15.58	16.01	16.60	17.96	19.23	19.83	20.25	20.85	22.21
4H	2H	15.26	15.98	16.26	16.98	18.30	17.46	18.18	18.47	19.18	20.51
	3H	16.29	16.88	17.30	17.91	19.25	18.97	19.56	19.98	20.59	21.93
	4H	16.56	17.11	17.58	18.13	19.49	19.49	20.04	20.51	21.06	22.42
	6H	16.69	17.15	17.72	18.20	19.56	19.85	20.32	20.89	21.37	22.73
	8H	16.69	17.13	17.72	18.17	19.54	19.96	20.40	20.99	21.44	22.81
	12H	16.66	17.05	17.71	18.11	19.49	20.01	20.41	21.07	21.46	22.84
8H	4H	17.01	17.45	18.04	18.49	19.86	19.61	20.05	20.65	21.09	22.47
	6H	17.27	17.64	18.33	18.71	20.09	20.05	20.41	21.11	21.49	22.86
	8H	17.32	17.63	18.38	18.70	20.09	20.20	20.52	21.26	21.58	22.98
	12H	17.30	17.58	18.37	18.64	20.07	20.30	20.58	21.36	21.64	23.07
12H	4H	17.02	17.41	18.07	18.47	19.85	19.58	19.97	20.63	21.03	22.41
	6H	17.33	17.65	18.40	18.72	20.11	20.05	20.37	21.11	21.43	22.82
	8H	17.40	17.68	18.47	18.74	20.17	20.21	20.49	21.27	21.54	22.98