

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: P934820

Luminaire Tested: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934820
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

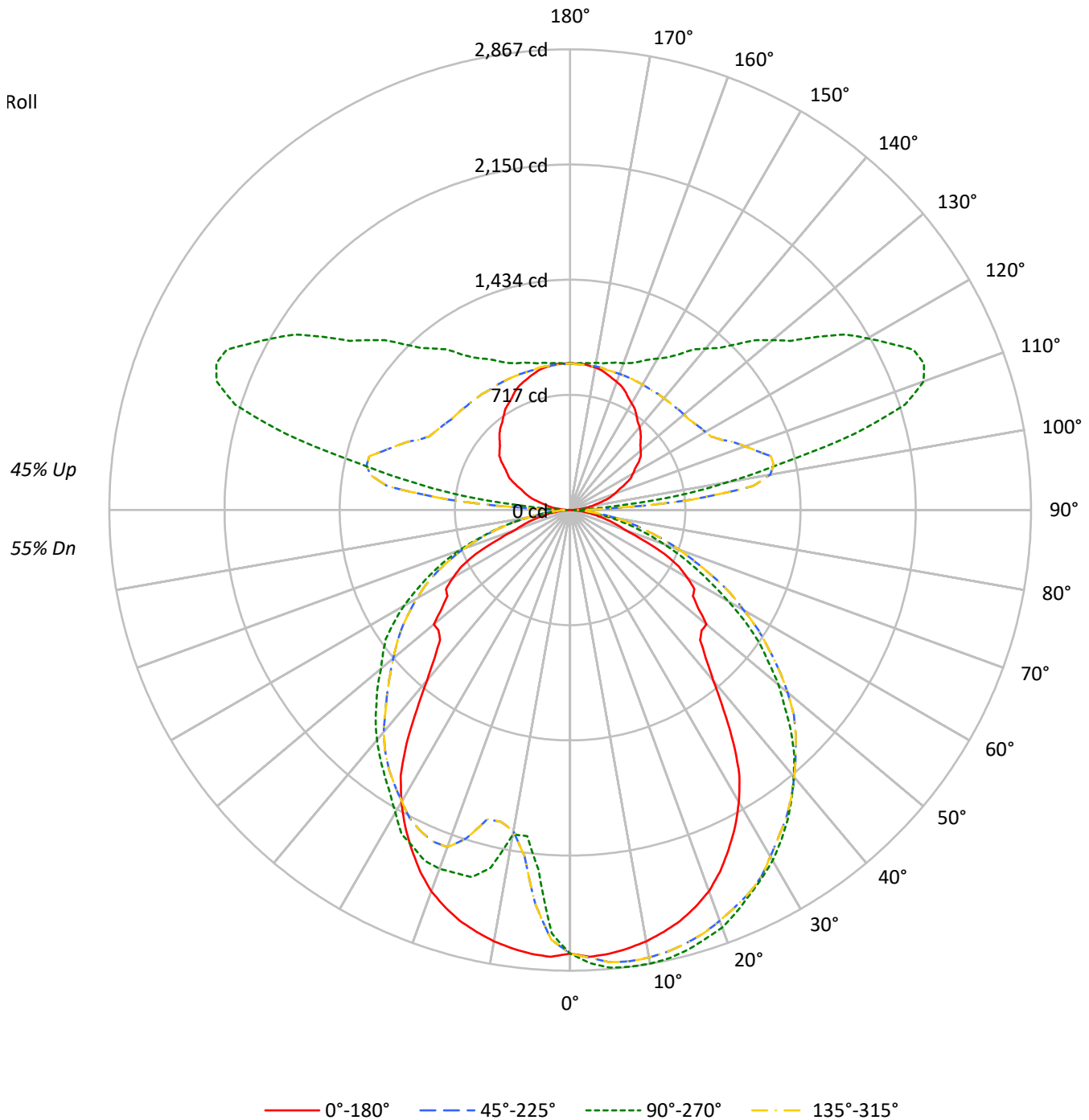
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13075.2 lumens
Efficiency: N/A
Efficacy: 127.7 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): 102.4
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: P934820
CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55		
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46		
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39		
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33		
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28		
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24		
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21		
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19		
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17		
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15		
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12803	12803	12803	12803
5°	12899	12924	12899	10163
10°	12813	12731	12813	9102
15°	12673	12455	12673	10401
20°	12408	12129	12408	10422
25°	11866	11652	11866	10201
30°	11165	11256	11165	9717
35°	9953	10756	9953	9184
40°	8294	10167	8294	8781
45°	7410	9477	7410	8318
50°	7873	8655	7873	7854
55°	7407	7768	7407	7585
60°	7636	6598	7636	6947
65°	6922	5454	6922	6097
70°	4794	4347	4794	5110
75°	4203	3213	4203	3847
80°	3388	2123	3388	2313
85°	1947	1125	1947	956

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11357 cd/sqm



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.1	1.9
10°-20°	707.3	5.4
20°-30°	1093.3	8.4
30°-40°	1305.2	10.0
40°-50°	1312.8	10.0
50°-60°	1142.3	8.7
60°-70°	809.9	6.2
70°-80°	428.5	3.3
80°-90°	110.2	0.8
90°-100°	444.9	3.4
100°-110°	1169.6	8.9
110°-120°	1212.8	9.3
120°-130°	972.8	7.4
130°-140°	763.3	5.8
140°-150°	585.9	4.5
150°-160°	421.9	3.2
160°-170°	258.2	2.0
170°-180°	87.2	0.7
0°-30°	2049.7	15.7
0°-40°	3354.8	25.7
0°-60°	5810.0	44.4
0°-90°	7158.6	54.7
90°-120°	2827.3	21.6
90°-150°	5149.3	39.4
90°-180°	5917.0	45.3
0°-180°	13075.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2760	2760	2760	2760	2760	
5°	2773	2859	2773	2248	2773	263
15°	2647	2833	2647	2365	2647	745
25°	2331	2642	2331	2313	2331	1070
35°	1773	2358	1773	2013	1773	1097
45°	1144	1942	1144	1705	1144	916
55°	932	1433	932	1399	932	856
65°	647	864	647	966	647	619
75°	245	410	245	491	245	258
85°	42	104	42	89	42	56
90°	6	23	6	23	6	7
95°	59	269	59	269	59	65
105°	211	1832	211	1832	211	223
115°	374	2358	374	2358	374	370
125°	521	1878	521	1878	521	462
135°	620	1457	620	1457	620	480
145°	720	1182	720	1182	720	451
155°	813	1018	813	1018	813	374
165°	878	948	878	948	878	248
175°	913	919	913	919	913	87
180°	913	913	913	913	913	



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6
2.5°	2783.1	2783.1	2798.7	2803.9	2803.9	2796.1	2788.3	2796.1	2819.7	2827.5	2824.9
5°	2772.6	2793.5	2822.2	2827.5	2832.7	2830.0	2824.9	2830.0	2856.2	2861.4	2864.0
7.5°	2751.8	2790.9	2827.5	2835.3	2843.2	2835.3	2832.7	2837.9	2864.0	2869.3	2869.3
10°	2725.6	2780.4	2822.2	2827.5	2835.3	2827.5	2827.5	2837.9	2864.0	2869.3	2871.8
12.5°	2689.0	2764.8	2803.9	2809.2	2819.7	2817.0	2814.4	2824.9	2851.0	2856.2	2856.2
15°	2647.3	2736.1	2772.6	2777.9	2796.1	2790.9	2790.9	2801.4	2830.0	2837.9	2835.3
17.5°	2589.8	2699.5	2741.3	2749.1	2762.2	2759.6	2762.2	2772.6	2798.7	2803.9	2806.6
20°	2524.6	2649.9	2699.5	2707.3	2720.5	2720.5	2720.5	2733.5	2759.6	2770.1	2770.1
22.5°	2435.8	2597.7	2649.9	2655.2	2670.8	2670.8	2676.0	2694.3	2717.8	2720.5	2720.5
25°	2331.4	2540.2	2584.6	2600.3	2616.0	2623.8	2631.6	2642.1	2649.9	2647.3	2649.9
27.5°	2221.7	2467.1	2524.6	2535.0	2556.0	2563.8	2574.2	2576.8	2579.5	2587.3	2582.0
30°	2099.0	2365.4	2451.5	2462.0	2495.9	2501.1	2490.6	2495.9	2508.9	2514.2	2519.4
32.5°	1960.7	2213.9	2375.8	2399.3	2430.6	2415.0	2412.3	2420.2	2441.1	2441.1	2446.3
35°	1772.7	2096.4	2305.3	2326.1	2349.7	2331.4	2341.9	2344.4	2357.6	2365.4	2362.7
37.5°	1566.5	1994.6	2232.2	2247.9	2266.2	2242.7	2258.3	2266.2	2276.5	2271.4	2271.4
40°	1383.7	1835.4	2146.0	2156.5	2172.1	2153.8	2169.5	2174.8	2180.0	2174.8	2172.1
42.5°	1247.9	1660.4	2054.6	2067.7	2057.3	2070.4	2075.6	2086.0	2078.2	2067.7	2067.7
45°	1143.5	1613.4	1955.4	1971.2	1955.4	1976.4	1984.2	1984.2	1960.7	1955.4	1952.9
47.5°	1109.6	1519.4	1856.3	1856.3	1848.4	1874.5	1887.6	1869.3	1845.8	1838.0	1838.0
50°	1107.0	1415.0	1720.5	1710.0	1746.6	1777.9	1764.9	1746.6	1728.3	1699.6	1699.6
52.5°	1005.2	1287.1	1545.5	1584.8	1642.2	1660.4	1639.6	1621.3	1590.0	1576.9	1566.5
55°	932.1	1154.0	1386.4	1464.6	1524.7	1548.2	1509.0	1490.8	1443.8	1436.0	1430.7
57.5°	916.4	960.7	1240.1	1339.3	1412.4	1409.8	1386.4	1352.4	1313.2	1305.3	1302.8
60°	840.7	694.5	1083.4	1200.9	1276.7	1268.8	1247.9	1216.6	1180.1	1174.8	1169.6
62.5°	762.3	503.9	905.9	1039.1	1146.1	1143.5	1125.2	1078.2	1052.1	1039.1	1028.6
65°	647.4	423.0	644.9	864.2	1018.2	1023.4	984.2	950.4	921.6	905.9	903.3
67.5°	493.4	344.6	436.0	720.5	895.5	890.3	840.7	825.0	788.4	780.6	764.9
70°	365.5	229.7	302.8	584.8	775.4	762.3	723.2	704.9	671.0	652.7	642.2
72.5°	302.8	185.3	221.9	454.3	652.7	637.1	603.1	582.2	553.5	537.8	527.4
75°	245.4	195.8	169.7	336.8	530.0	519.6	488.2	467.3	443.8	423.0	425.5
77.5°	180.1	182.8	135.8	248.0	420.3	404.7	386.4	360.3	349.9	329.0	329.0
80°	135.8	143.6	101.9	169.7	302.8	302.8	287.2	268.9	250.7	240.2	240.2
82.5°	91.4	91.4	75.7	107.0	206.3	198.4	188.0	182.8	172.3	167.1	167.1
85°	41.8	52.2	47.0	65.3	112.2	117.5	117.5	112.2	109.7	104.4	107.0
87.5°	13.0	23.5	28.8	36.6	57.4	60.1	62.6	62.6	62.6	65.3	65.3
90°	6.1	11.1	16.0	17.2	27.0	40.0	46.5	41.4	31.0	23.3	23.3
92.5°	24.5	66.2	107.9	118.3	166.3	230.2	262.2	229.8	165.0	116.4	111.7
95°	58.8	135.1	211.2	230.3	408.9	647.1	766.3	683.8	518.8	395.1	381.1
97.5°	101.7	168.9	236.2	253.0	550.9	948.1	1146.7	1094.5	990.3	912.1	885.4
100°	134.8	195.7	256.8	272.0	602.6	1043.3	1263.7	1267.5	1275.1	1280.8	1249.0
102.5°	162.9	219.8	276.7	291.0	626.2	1073.3	1296.8	1363.1	1496.0	1595.7	1568.4
105°	210.7	259.0	307.1	319.1	643.8	1076.6	1293.1	1442.0	1739.8	1963.2	1948.5
107.5°	259.7	304.7	349.6	360.8	647.0	1028.7	1219.6	1427.3	1842.7	2154.3	2157.9
110°	292.8	333.4	373.9	384.0	642.1	986.2	1158.3	1390.5	1855.0	2203.3	2218.6



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	325.2	363.9	402.5	412.2	642.3	949.2	1102.6	1340.3	1815.6	2172.1	2195.5
115°	374.3	409.9	445.6	454.5	648.2	906.6	1035.8	1264.7	1722.7	2066.1	2098.6
117.5°	422.7	455.1	487.5	495.6	660.4	880.0	989.9	1196.5	1609.7	1919.7	1955.6
120°	450.8	481.3	511.8	519.4	670.1	871.0	971.5	1160.3	1537.9	1821.1	1856.1
122.5°	478.4	509.2	539.9	547.6	684.2	866.3	957.4	1127.4	1467.5	1722.5	1757.0
125°	520.7	548.7	576.7	583.7	703.2	862.4	942.1	1086.5	1375.3	1592.0	1623.8
127.5°	555.0	583.3	611.6	618.7	722.2	860.3	929.2	1053.2	1301.2	1487.2	1514.0
130°	573.3	603.8	634.3	641.9	736.1	861.6	924.4	1034.7	1255.6	1421.1	1445.9
132.5°	592.3	622.8	653.4	661.0	747.3	862.4	920.0	1018.8	1216.5	1364.7	1387.0
135°	620.5	648.2	676.1	683.0	759.6	861.6	912.7	995.5	1161.0	1285.1	1304.3
137.5°	649.3	676.8	704.2	711.2	778.0	867.0	911.4	981.4	1121.4	1226.3	1241.9
140°	673.2	698.5	723.8	730.1	789.1	867.9	907.2	967.6	1088.5	1179.2	1193.8
142.5°	691.6	715.0	738.4	744.3	798.6	871.0	907.2	960.2	1066.4	1146.1	1158.6
145°	719.8	740.2	760.6	765.7	810.9	871.0	901.1	944.5	1031.4	1096.5	1106.0
147.5°	747.9	767.8	787.7	792.7	828.8	876.9	901.1	935.2	1003.5	1054.8	1062.7
150°	766.3	784.3	802.3	806.7	838.1	880.1	901.1	929.9	987.6	1030.9	1037.3
152.5°	785.3	798.9	812.5	815.9	844.2	882.1	901.1	925.7	975.0	1011.9	1016.8
155°	813.4	823.5	833.6	836.1	857.8	886.6	901.1	920.6	959.8	989.3	992.4
157.5°	834.3	844.0	853.8	856.3	871.2	891.1	901.1	916.3	946.8	969.6	971.9
160°	848.4	856.0	863.6	865.5	877.3	893.2	901.1	914.1	940.3	959.8	961.1
162.5°	862.4	868.2	873.9	875.4	884.0	895.3	901.1	912.1	934.2	950.7	951.8
165°	877.7	882.9	888.1	889.4	893.3	898.5	901.1	909.0	924.8	936.6	937.9
167.5°	891.9	894.3	896.8	897.4	900.7	905.0	907.2	912.3	922.7	930.5	931.0
170°	901.1	903.5	906.0	906.6	906.8	907.1	907.2	912.3	922.7	930.5	930.5
172.5°	906.0	906.5	907.1	907.2	907.2	907.2	907.2	911.2	919.4	925.6	925.1
175°	912.7	912.7	912.7	912.7	910.8	908.4	907.2	909.8	915.0	918.8	918.8
177.5°	912.7	912.7	912.7	912.7	911.2	909.4	908.4	910.4	914.5	917.6	917.1
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6
2.5°	2830.0	2822.2	2830.0	2824.9	2827.5	2819.7	2796.1	2788.3	2796.1	2803.9	2803.9
5°	2864.0	2858.8	2864.0	2864.0	2861.4	2856.2	2830.0	2824.9	2830.0	2832.7	2827.5
7.5°	2874.5	2866.6	2874.5	2869.3	2869.3	2864.0	2837.9	2832.7	2835.3	2843.2	2835.3
10°	2874.5	2866.6	2874.5	2871.8	2869.3	2864.0	2837.9	2827.5	2827.5	2835.3	2827.5
12.5°	2861.4	2856.2	2861.4	2856.2	2856.2	2851.0	2824.9	2814.4	2817.0	2819.7	2809.2
15°	2840.5	2832.7	2840.5	2835.3	2837.9	2830.0	2801.4	2790.9	2790.9	2796.1	2777.9
17.5°	2809.2	2798.7	2809.2	2806.6	2803.9	2798.7	2772.6	2762.2	2759.6	2762.2	2749.1
20°	2772.6	2764.8	2772.6	2770.1	2770.1	2759.6	2733.5	2720.5	2720.5	2720.5	2707.3
22.5°	2715.2	2707.3	2715.2	2720.5	2720.5	2717.8	2694.3	2676.0	2670.8	2670.8	2655.2
25°	2649.9	2642.1	2649.9	2649.9	2647.3	2649.9	2642.1	2631.6	2623.8	2616.0	2600.3
27.5°	2587.3	2582.0	2587.3	2582.0	2587.3	2579.5	2576.8	2574.2	2563.8	2556.0	2535.0
30°	2524.6	2519.4	2524.6	2519.4	2514.2	2508.9	2495.9	2490.6	2501.1	2495.9	2462.0
32.5°	2446.3	2441.1	2446.3	2446.3	2441.1	2441.1	2420.2	2412.3	2415.0	2430.6	2399.3
35°	2365.4	2357.6	2365.4	2362.7	2365.4	2357.6	2344.4	2341.9	2331.4	2349.7	2326.1
37.5°	2271.4	2263.5	2271.4	2271.4	2271.4	2276.5	2266.2	2258.3	2242.7	2266.2	2247.9
40°	2174.8	2164.3	2174.8	2172.1	2174.8	2180.0	2174.8	2169.5	2153.8	2172.1	2156.5
42.5°	2065.1	2062.5	2065.1	2067.7	2067.7	2078.2	2086.0	2075.6	2070.4	2057.3	2067.7
45°	1947.6	1942.4	1947.6	1952.9	1955.4	1960.7	1984.2	1984.2	1976.4	1955.4	1971.2
47.5°	1822.3	1809.2	1822.3	1838.0	1838.0	1845.8	1869.3	1887.6	1874.5	1848.4	1856.3
50°	1689.2	1691.8	1689.2	1699.6	1699.6	1728.3	1746.6	1764.9	1777.9	1746.6	1710.0
52.5°	1558.7	1556.0	1558.7	1566.5	1576.9	1590.0	1621.3	1639.6	1660.4	1642.2	1584.8
55°	1428.1	1433.3	1428.1	1430.7	1436.0	1443.8	1490.8	1509.0	1548.2	1524.7	1464.6
57.5°	1297.5	1289.7	1297.5	1302.8	1305.3	1313.2	1352.4	1386.4	1409.8	1412.4	1339.3
60°	1146.1	1135.7	1146.1	1169.6	1174.8	1180.1	1216.6	1247.9	1268.8	1276.7	1200.9
62.5°	1013.0	994.7	1013.0	1028.6	1039.1	1052.1	1078.2	1125.2	1143.5	1146.1	1039.1
65°	872.0	864.2	872.0	903.3	905.9	921.6	950.4	984.2	1023.4	1018.2	864.2
67.5°	744.1	744.1	744.1	764.9	780.6	788.4	825.0	840.7	890.3	895.5	720.5
70°	626.6	624.0	626.6	642.2	652.7	671.0	704.9	723.2	762.3	775.4	584.8
72.5°	514.4	511.7	514.4	527.4	537.8	553.5	582.2	603.1	637.1	652.7	454.3
75°	415.2	409.9	415.2	425.5	423.0	443.8	467.3	488.2	519.6	530.0	336.8
77.5°	318.5	318.5	318.5	329.0	329.0	349.9	360.3	386.4	404.7	420.3	248.0
80°	237.6	234.9	237.6	240.2	240.2	250.7	268.9	287.2	302.8	302.8	169.7
82.5°	167.1	161.8	167.1	167.1	167.1	172.3	182.8	188.0	198.4	206.3	107.0
85°	104.4	104.4	104.4	107.0	104.4	109.7	112.2	117.5	117.5	112.2	65.3
87.5°	67.9	65.3	67.9	65.3	65.3	62.6	62.6	62.6	60.1	57.4	36.6
90°	23.3	23.3	23.3	23.3	23.3	31.0	41.4	46.5	40.0	27.0	17.2
92.5°	93.3	74.7	93.3	111.7	116.4	165.0	229.8	262.2	230.2	166.3	118.3
95°	325.1	268.9	325.1	381.1	395.1	518.8	683.8	766.3	647.1	408.9	230.3
97.5°	778.6	671.9	778.6	885.4	912.1	990.3	1094.5	1146.7	948.1	550.9	253.0
100°	1122.0	994.8	1122.0	1249.0	1280.8	1275.1	1267.5	1263.7	1043.3	602.6	272.0
102.5°	1459.6	1350.7	1459.6	1568.4	1595.7	1496.0	1363.1	1296.8	1073.3	626.2	291.0
105°	1889.9	1831.5	1889.9	1948.5	1963.2	1739.8	1442.0	1293.1	1076.6	643.8	319.1
107.5°	2172.0	2186.1	2172.0	2157.9	2154.3	1842.7	1427.3	1219.6	1028.7	647.0	360.8
110°	2279.6	2340.6	2279.6	2218.6	2203.3	1855.0	1390.5	1158.3	986.2	642.1	384.0



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2289.1	2382.8	2289.1	2195.5	2172.1	1815.6	1340.3	1102.6	949.2	642.3	412.2
115°	2228.4	2358.3	2228.4	2098.6	2066.1	1722.7	1264.7	1035.8	906.6	648.2	454.5
117.5°	2099.7	2243.7	2099.7	1955.6	1919.7	1609.7	1196.5	989.9	880.0	660.4	495.6
120°	1996.1	2136.0	1996.1	1856.1	1821.1	1537.9	1160.3	971.5	871.0	670.1	519.4
122.5°	1895.0	2033.0	1895.0	1757.0	1722.5	1467.5	1127.4	957.4	866.3	684.2	547.6
125°	1750.9	1878.1	1750.9	1623.8	1592.0	1375.3	1086.5	942.1	862.4	703.2	583.7
127.5°	1621.3	1728.6	1621.3	1514.0	1487.2	1301.2	1053.2	929.2	860.3	722.2	618.7
130°	1544.9	1644.0	1544.9	1445.9	1421.1	1255.6	1034.7	924.4	861.6	736.1	641.9
132.5°	1475.7	1564.4	1475.7	1387.0	1364.7	1216.5	1018.8	920.0	862.4	747.3	661.0
135°	1380.7	1457.2	1380.7	1304.3	1285.1	1161.0	995.5	912.7	861.6	759.6	683.0
137.5°	1304.6	1367.2	1304.6	1241.9	1226.3	1121.4	981.4	911.4	867.0	778.0	711.2
140°	1252.4	1310.9	1252.4	1193.8	1179.2	1088.5	967.6	907.2	867.9	789.1	730.1
142.5°	1209.0	1259.4	1209.0	1158.6	1146.1	1066.4	960.2	907.2	871.0	798.6	744.3
145°	1144.1	1182.2	1144.1	1106.0	1096.5	1031.4	944.5	901.1	871.0	810.9	765.7
147.5°	1094.2	1125.8	1094.2	1062.7	1054.8	1003.5	935.2	901.1	876.9	828.8	792.7
150°	1062.9	1088.5	1062.9	1037.3	1030.9	987.6	929.9	901.1	880.1	838.1	806.7
152.5°	1036.0	1055.4	1036.0	1016.8	1011.9	975.0	925.7	901.1	882.1	844.2	815.9
155°	1005.3	1018.0	1005.3	992.4	989.3	959.8	920.6	901.1	886.6	857.8	836.1
157.5°	980.9	989.9	980.9	971.9	969.6	946.8	916.3	901.1	891.1	871.2	856.3
160°	966.4	971.5	966.4	961.1	959.8	940.3	914.1	901.1	893.2	877.3	865.5
162.5°	956.8	961.7	956.8	951.8	950.7	934.2	912.1	901.1	895.3	884.0	875.4
165°	943.0	948.2	943.0	937.9	936.6	924.8	909.0	901.1	898.5	893.3	889.4
167.5°	933.2	935.3	933.2	931.0	930.5	922.7	912.3	907.2	905.0	900.7	897.4
170°	930.5	930.5	930.5	930.5	930.5	922.7	912.3	907.2	907.1	906.8	906.6
172.5°	923.2	921.3	923.2	925.1	925.6	919.4	911.2	907.2	907.2	907.2	907.2
175°	918.8	918.8	918.8	918.8	918.8	915.0	909.8	907.2	908.4	910.8	912.7
177.5°	914.9	912.7	914.9	917.1	917.6	914.5	910.4	908.4	909.4	911.2	912.7
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6
2.5°	2798.7	2783.1	2783.1	2757.0	2746.5	2738.7	2725.6	2686.5	2676.0	2665.6	2681.2
5°	2822.2	2793.5	2772.6	2725.6	2686.5	2670.8	2621.2	2527.2	2464.6	2417.5	2391.5
7.5°	2827.5	2790.9	2751.8	2678.7	2584.6	2542.9	2391.5	2219.1	2172.1	2130.4	2104.2
10°	2822.2	2780.4	2725.6	2616.0	2394.0	2321.0	2169.5	2057.3	2028.6	2020.8	2028.6
12.5°	2803.9	2764.8	2689.0	2506.4	2195.6	2146.0	2057.3	1992.0	1986.8	1999.8	2070.4
15°	2772.6	2736.1	2647.3	2360.1	2086.0	2049.4	1986.8	1963.3	1992.0	2083.4	2294.8
17.5°	2741.3	2699.5	2589.8	2216.6	2002.5	1976.4	1931.9	1979.0	2140.8	2263.5	2334.1
20°	2699.5	2649.9	2524.6	2112.1	1942.4	1918.9	1898.0	2109.5	2232.2	2276.5	2315.8
22.5°	2649.9	2597.7	2435.8	2039.0	1879.8	1861.5	1874.5	2182.6	2232.2	2263.5	2297.5
25°	2584.6	2540.2	2331.4	1981.5	1830.2	1809.2	1858.8	2174.8	2203.4	2211.3	2279.2
27.5°	2524.6	2467.1	2221.7	1929.4	1770.1	1762.3	1872.0	2140.8	2161.7	2169.5	2242.7
30°	2451.5	2365.4	2099.0	1874.5	1707.5	1704.8	1874.5	2099.0	2093.9	2114.7	2187.8
32.5°	2375.8	2213.9	1960.7	1806.7	1647.4	1644.8	1856.3	2036.4	2031.1	2059.9	2114.7
35°	2305.3	2096.4	1772.7	1728.3	1571.7	1574.3	1811.9	1963.3	1965.9	1992.0	2026.0
37.5°	2232.2	1994.6	1566.5	1642.2	1498.6	1498.6	1751.8	1895.4	1890.2	1898.0	1945.0
40°	2146.0	1835.4	1383.7	1529.9	1430.7	1422.8	1678.7	1822.3	1804.0	1801.4	1866.7
42.5°	2054.6	1660.4	1247.9	1381.1	1352.4	1341.9	1590.0	1733.5	1699.6	1707.5	1790.9
45°	1955.4	1613.4	1143.5	1167.0	1271.5	1263.7	1493.4	1631.7	1608.3	1629.1	1715.3
47.5°	1856.3	1519.4	1109.6	968.6	1185.3	1182.6	1386.4	1532.5	1519.4	1540.4	1631.7
50°	1720.5	1415.0	1107.0	830.2	1088.7	1099.2	1258.4	1436.0	1436.0	1454.2	1550.8
52.5°	1545.5	1287.1	1005.2	751.9	976.4	1007.8	1146.1	1352.4	1357.6	1375.9	1462.0
55°	1386.4	1154.0	932.1	691.9	843.3	911.1	1036.5	1266.2	1276.7	1295.0	1373.2
57.5°	1240.1	960.7	916.4	621.4	720.5	785.9	939.9	1182.6	1187.9	1203.6	1279.3
60°	1083.4	694.5	840.7	545.7	613.5	663.1	851.1	1083.4	1101.7	1112.2	1177.5
62.5°	905.9	503.9	762.3	493.4	561.3	571.8	778.0	989.5	1013.0	1020.8	1059.9
65°	644.9	423.0	647.4	449.0	506.4	509.1	699.7	892.9	913.8	926.8	955.5
67.5°	436.0	344.6	493.4	407.3	464.8	467.3	624.0	780.6	809.4	819.7	838.0
70°	302.8	229.7	365.5	362.9	417.7	423.0	543.0	678.8	704.9	712.7	723.2
72.5°	221.9	185.3	302.8	326.3	368.1	373.4	459.5	564.0	590.0	597.8	603.1
75°	169.7	195.8	245.4	284.5	313.3	315.9	375.9	459.5	477.8	483.0	485.6
77.5°	135.8	182.8	180.1	229.7	255.9	250.7	295.0	355.1	370.7	370.7	370.7
80°	101.9	143.6	135.8	164.5	188.0	182.8	211.4	253.2	258.5	263.7	261.0
82.5°	75.7	91.4	91.4	104.4	125.3	120.1	141.0	164.5	164.5	164.5	169.7
85°	47.0	52.2	41.8	54.8	70.4	67.9	78.3	88.7	91.4	91.4	86.2
87.5°	28.8	23.5	13.0	20.8	31.3	31.3	36.6	39.1	36.6	36.6	36.6
90°	16.0	11.1	6.1	11.1	16.0	17.2	27.0	40.0	46.5	41.4	31.0
92.5°	107.9	66.2	24.5	66.2	107.9	118.3	166.3	230.2	262.2	229.8	165.0
95°	211.2	135.1	58.8	135.1	211.2	230.3	408.9	647.1	766.3	683.8	518.8
97.5°	236.2	168.9	101.7	168.9	236.2	253.0	550.9	948.1	1146.7	1094.5	990.3
100°	256.8	195.7	134.8	195.7	256.8	272.0	602.6	1043.3	1263.7	1267.5	1275.1
102.5°	276.7	219.8	162.9	219.8	276.7	291.0	626.2	1073.3	1296.8	1363.1	1496.0
105°	307.1	259.0	210.7	259.0	307.1	319.1	643.8	1076.6	1293.1	1442.0	1739.8
107.5°	349.6	304.7	259.7	304.7	349.6	360.8	647.0	1028.7	1219.6	1427.3	1842.7
110°	373.9	333.4	292.8	333.4	373.9	384.0	642.1	986.2	1158.3	1390.5	1855.0



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	402.5	363.9	325.2	363.9	402.5	412.2	642.3	949.2	1102.6	1340.3	1815.6
115°	445.6	409.9	374.3	409.9	445.6	454.5	648.2	906.6	1035.8	1264.7	1722.7
117.5°	487.5	455.1	422.7	455.1	487.5	495.6	660.4	880.0	989.9	1196.5	1609.7
120°	511.8	481.3	450.8	481.3	511.8	519.4	670.1	871.0	971.5	1160.3	1537.9
122.5°	539.9	509.2	478.4	509.2	539.9	547.6	684.2	866.3	957.4	1127.4	1467.5
125°	576.7	548.7	520.7	548.7	576.7	583.7	703.2	862.4	942.1	1086.5	1375.3
127.5°	611.6	583.3	555.0	583.3	611.6	618.7	722.2	860.3	929.2	1053.2	1301.2
130°	634.3	603.8	573.3	603.8	634.3	641.9	736.1	861.6	924.4	1034.7	1255.6
132.5°	653.4	622.8	592.3	622.8	653.4	661.0	747.3	862.4	920.0	1018.8	1216.5
135°	676.1	648.2	620.5	648.2	676.1	683.0	759.6	861.6	912.7	995.5	1161.0
137.5°	704.2	676.8	649.3	676.8	704.2	711.2	778.0	867.0	911.4	981.4	1121.4
140°	723.8	698.5	673.2	698.5	723.8	730.1	789.1	867.9	907.2	967.6	1088.5
142.5°	738.4	715.0	691.6	715.0	738.4	744.3	798.6	871.0	907.2	960.2	1066.4
145°	760.6	740.2	719.8	740.2	760.6	765.7	810.9	871.0	901.1	944.5	1031.4
147.5°	787.7	767.8	747.9	767.8	787.7	792.7	828.8	876.9	901.1	935.2	1003.5
150°	802.3	784.3	766.3	784.3	802.3	806.7	838.1	880.1	901.1	929.9	987.6
152.5°	812.5	798.9	785.3	798.9	812.5	815.9	844.2	882.1	901.1	925.7	975.0
155°	833.6	823.5	813.4	823.5	833.6	836.1	857.8	886.6	901.1	920.6	959.8
157.5°	853.8	844.0	834.3	844.0	853.8	856.3	871.2	891.1	901.1	916.3	946.8
160°	863.6	856.0	848.4	856.0	863.6	865.5	877.3	893.2	901.1	914.1	940.3
162.5°	873.9	868.2	862.4	868.2	873.9	875.4	884.0	895.3	901.1	912.1	934.2
165°	888.1	882.9	877.7	882.9	888.1	889.4	893.3	898.5	901.1	909.0	924.8
167.5°	896.8	894.3	891.9	894.3	896.8	897.4	900.7	905.0	907.2	912.3	922.7
170°	906.0	903.5	901.1	903.5	906.0	906.6	906.8	907.1	907.2	912.3	922.7
172.5°	907.1	906.5	906.0	906.5	907.1	907.2	907.2	907.2	907.2	911.2	919.4
175°	912.7	912.7	912.7	912.7	912.7	912.7	910.8	908.4	907.2	909.8	915.0
177.5°	912.7	912.7	912.7	912.7	912.7	912.7	911.2	909.4	908.4	910.4	914.5
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934820
 CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6	2759.6
2.5°	2663.0	2655.2	2665.6	2636.9	2665.6	2655.2	2663.0	2681.2	2665.6	2676.0	2686.5
5°	2336.6	2323.6	2281.8	2247.9	2281.8	2323.6	2336.6	2391.5	2417.5	2464.6	2527.2
7.5°	2088.6	2078.2	2067.7	2046.8	2067.7	2078.2	2088.6	2104.2	2130.4	2172.1	2219.1
10°	2033.8	2036.4	2052.1	2049.4	2052.1	2036.4	2033.8	2028.6	2020.8	2028.6	2057.3
12.5°	2174.8	2198.3	2284.5	2279.2	2284.5	2198.3	2174.8	2070.4	1999.8	1986.8	1992.0
15°	2336.6	2344.4	2362.7	2365.4	2362.7	2344.4	2336.6	2294.8	2083.4	1992.0	1963.3
17.5°	2352.3	2354.9	2367.9	2367.9	2367.9	2354.9	2352.3	2334.1	2263.5	2140.8	1979.0
20°	2339.3	2344.4	2370.6	2375.8	2370.6	2344.4	2339.3	2315.8	2276.5	2232.2	2109.5
22.5°	2334.1	2344.4	2365.4	2362.7	2365.4	2344.4	2334.1	2297.5	2263.5	2232.2	2182.6
25°	2307.9	2307.9	2310.5	2313.1	2310.5	2307.9	2307.9	2279.2	2211.3	2203.4	2174.8
27.5°	2253.1	2258.3	2274.0	2271.4	2274.0	2258.3	2253.1	2242.7	2169.5	2161.7	2140.8
30°	2203.4	2198.3	2185.2	2174.8	2185.2	2198.3	2203.4	2187.8	2114.7	2093.9	2099.0
32.5°	2120.0	2106.9	2093.9	2086.0	2093.9	2106.9	2120.0	2114.7	2059.9	2031.1	2036.4
35°	2020.8	2023.3	2020.8	2012.9	2020.8	2023.3	2020.8	2026.0	1992.0	1965.9	1963.3
37.5°	1950.2	1955.4	1952.9	1942.4	1952.9	1955.4	1950.2	1945.0	1898.0	1890.2	1895.4
40°	1877.1	1879.8	1877.1	1869.3	1877.1	1879.8	1877.1	1866.7	1801.4	1804.0	1822.3
42.5°	1806.7	1804.0	1796.2	1790.9	1796.2	1804.0	1806.7	1790.9	1707.5	1699.6	1733.5
45°	1725.7	1728.3	1712.7	1704.8	1712.7	1728.3	1725.7	1715.3	1629.1	1608.3	1631.7
47.5°	1644.8	1644.8	1631.7	1623.9	1631.7	1644.8	1644.8	1631.7	1540.4	1519.4	1532.5
50°	1558.7	1556.0	1537.7	1535.2	1537.7	1556.0	1558.7	1550.8	1454.2	1436.0	1436.0
52.5°	1459.4	1459.4	1462.0	1467.3	1462.0	1459.4	1459.4	1462.0	1375.9	1357.6	1352.4
55°	1373.2	1375.9	1394.2	1399.4	1394.2	1375.9	1373.2	1373.2	1295.0	1276.7	1266.2
57.5°	1284.5	1284.5	1297.5	1297.5	1297.5	1284.5	1284.5	1279.3	1203.6	1187.9	1182.6
60°	1182.6	1187.9	1198.3	1195.8	1198.3	1187.9	1182.6	1177.5	1112.2	1101.7	1083.4
62.5°	1075.6	1080.9	1083.4	1078.2	1083.4	1080.9	1075.6	1059.9	1020.8	1013.0	989.5
65°	963.4	968.6	971.2	966.0	971.2	968.6	963.4	955.5	926.8	913.8	892.9
67.5°	848.5	845.9	843.3	853.7	843.3	845.9	848.5	838.0	819.7	809.4	780.6
70°	731.0	731.0	728.4	733.6	728.4	731.0	731.0	723.2	712.7	704.9	678.8
72.5°	605.7	603.1	613.5	605.7	613.5	603.1	605.7	603.1	597.8	590.0	564.0
75°	483.0	488.2	483.0	490.8	483.0	488.2	483.0	485.6	483.0	477.8	459.5
77.5°	368.1	373.4	368.1	368.1	368.1	373.4	368.1	370.7	370.7	370.7	355.1
80°	261.0	258.5	258.5	255.9	258.5	258.5	261.0	261.0	263.7	258.5	253.2
82.5°	167.1	164.5	164.5	169.7	164.5	164.5	167.1	169.7	164.5	164.5	164.5
85°	91.4	94.0	88.7	88.7	88.7	94.0	91.4	86.2	91.4	91.4	88.7
87.5°	34.0	31.3	31.3	31.3	31.3	31.3	34.0	36.6	36.6	36.6	39.1
90°	23.3	23.3	23.3	23.3	23.3	23.3	23.3	31.0	41.4	46.5	40.0
92.5°	116.4	111.7	93.3	74.7	93.3	111.7	116.4	165.0	229.8	262.2	230.2
95°	395.1	381.1	325.1	268.9	325.1	381.1	395.1	518.8	683.8	766.3	647.1
97.5°	912.1	885.4	778.6	671.9	778.6	885.4	912.1	990.3	1094.5	1146.7	948.1
100°	1280.8	1249.0	1122.0	994.8	1122.0	1249.0	1280.8	1275.1	1267.5	1263.7	1043.3
102.5°	1595.7	1568.4	1459.6	1350.7	1459.6	1568.4	1595.7	1496.0	1363.1	1296.8	1073.3
105°	1963.2	1948.5	1889.9	1831.5	1889.9	1948.5	1963.2	1739.8	1442.0	1293.1	1076.6
107.5°	2154.3	2157.9	2172.0	2186.1	2172.0	2157.9	2154.3	1842.7	1427.3	1219.6	1028.7
110°	2203.3	2218.6	2279.6	2340.6	2279.6	2218.6	2203.3	1855.0	1390.5	1158.3	986.2



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2172.1	2195.5	2289.1	2382.8	2289.1	2195.5	2172.1	1815.6	1340.3	1102.6	949.2
115°	2066.1	2098.6	2228.4	2358.3	2228.4	2098.6	2066.1	1722.7	1264.7	1035.8	906.6
117.5°	1919.7	1955.6	2099.7	2243.7	2099.7	1955.6	1919.7	1609.7	1196.5	989.9	880.0
120°	1821.1	1856.1	1996.1	2136.0	1996.1	1856.1	1821.1	1537.9	1160.3	971.5	871.0
122.5°	1722.5	1757.0	1895.0	2033.0	1895.0	1757.0	1722.5	1467.5	1127.4	957.4	866.3
125°	1592.0	1623.8	1750.9	1878.1	1750.9	1623.8	1592.0	1375.3	1086.5	942.1	862.4
127.5°	1487.2	1514.0	1621.3	1728.6	1621.3	1514.0	1487.2	1301.2	1053.2	929.2	860.3
130°	1421.1	1445.9	1544.9	1644.0	1544.9	1445.9	1421.1	1255.6	1034.7	924.4	861.6
132.5°	1364.7	1387.0	1475.7	1564.4	1475.7	1387.0	1364.7	1216.5	1018.8	920.0	862.4
135°	1285.1	1304.3	1380.7	1457.2	1380.7	1304.3	1285.1	1161.0	995.5	912.7	861.6
137.5°	1226.3	1241.9	1304.6	1367.2	1304.6	1241.9	1226.3	1121.4	981.4	911.4	867.0
140°	1179.2	1193.8	1252.4	1310.9	1252.4	1193.8	1179.2	1088.5	967.6	907.2	867.9
142.5°	1146.1	1158.6	1209.0	1259.4	1209.0	1158.6	1146.1	1066.4	960.2	907.2	871.0
145°	1096.5	1106.0	1144.1	1182.2	1144.1	1106.0	1096.5	1031.4	944.5	901.1	871.0
147.5°	1054.8	1062.7	1094.2	1125.8	1094.2	1062.7	1054.8	1003.5	935.2	901.1	876.9
150°	1030.9	1037.3	1062.9	1088.5	1062.9	1037.3	1030.9	987.6	929.9	901.1	880.1
152.5°	1011.9	1016.8	1036.0	1055.4	1036.0	1016.8	1011.9	975.0	925.7	901.1	882.1
155°	989.3	992.4	1005.3	1018.0	1005.3	992.4	989.3	959.8	920.6	901.1	886.6
157.5°	969.6	971.9	980.9	989.9	980.9	971.9	969.6	946.8	916.3	901.1	891.1
160°	959.8	961.1	966.4	971.5	966.4	961.1	959.8	940.3	914.1	901.1	893.2
162.5°	950.7	951.8	956.8	961.7	956.8	951.8	950.7	934.2	912.1	901.1	895.3
165°	936.6	937.9	943.0	948.2	943.0	937.9	936.6	924.8	909.0	901.1	898.5
167.5°	930.5	931.0	933.2	935.3	933.2	931.0	930.5	922.7	912.3	907.2	905.0
170°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	922.7	912.3	907.2	907.1
172.5°	925.6	925.1	923.2	921.3	923.2	925.1	925.6	919.4	911.2	907.2	907.2
175°	918.8	918.8	918.8	918.8	918.8	918.8	918.8	915.0	909.8	907.2	908.4
177.5°	917.6	917.1	914.9	912.7	914.9	917.1	917.6	914.5	910.4	908.4	909.4
180°	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2759.6	2759.6	2759.6	2759.6	2759.6
2.5°	2725.6	2738.7	2746.5	2757.0	2783.1
5°	2621.2	2670.8	2686.5	2725.6	2772.6
7.5°	2391.5	2542.9	2584.6	2678.7	2751.8
10°	2169.5	2321.0	2394.0	2616.0	2725.6
12.5°	2057.3	2146.0	2195.6	2506.4	2689.0
15°	1986.8	2049.4	2086.0	2360.1	2647.3
17.5°	1931.9	1976.4	2002.5	2216.6	2589.8
20°	1898.0	1918.9	1942.4	2112.1	2524.6
22.5°	1874.5	1861.5	1879.8	2039.0	2435.8
25°	1858.8	1809.2	1830.2	1981.5	2331.4
27.5°	1872.0	1762.3	1770.1	1929.4	2221.7
30°	1874.5	1704.8	1707.5	1874.5	2099.0
32.5°	1856.3	1644.8	1647.4	1806.7	1960.7
35°	1811.9	1574.3	1571.7	1728.3	1772.7
37.5°	1751.8	1498.6	1498.6	1642.2	1566.5
40°	1678.7	1422.8	1430.7	1529.9	1383.7
42.5°	1590.0	1341.9	1352.4	1381.1	1247.9
45°	1493.4	1263.7	1271.5	1167.0	1143.5
47.5°	1386.4	1182.6	1185.3	968.6	1109.6
50°	1258.4	1099.2	1088.7	830.2	1107.0
52.5°	1146.1	1007.8	976.4	751.9	1005.2
55°	1036.5	911.1	843.3	691.9	932.1
57.5°	939.9	785.9	720.5	621.4	916.4
60°	851.1	663.1	613.5	545.7	840.7
62.5°	778.0	571.8	561.3	493.4	762.3
65°	699.7	509.1	506.4	449.0	647.4
67.5°	624.0	467.3	464.8	407.3	493.4
70°	543.0	423.0	417.7	362.9	365.5
72.5°	459.5	373.4	368.1	326.3	302.8
75°	375.9	315.9	313.3	284.5	245.4
77.5°	295.0	250.7	255.9	229.7	180.1
80°	211.4	182.8	188.0	164.5	135.8
82.5°	141.0	120.1	125.3	104.4	91.4
85°	78.3	67.9	70.4	54.8	41.8
87.5°	36.6	31.3	31.3	20.8	13.0
90°	27.0	17.2	16.0	11.1	6.1
92.5°	166.3	118.3	107.9	66.2	24.5
95°	408.9	230.3	211.2	135.1	58.8
97.5°	550.9	253.0	236.2	168.9	101.7
100°	602.6	272.0	256.8	195.7	134.8
102.5°	626.2	291.0	276.7	219.8	162.9
105°	643.8	319.1	307.1	259.0	210.7
107.5°	647.0	360.8	349.6	304.7	259.7
110°	642.1	384.0	373.9	333.4	292.8



TEST NUMBER: P934820

CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	642.3	412.2	402.5	363.9	325.2
115°	648.2	454.5	445.6	409.9	374.3
117.5°	660.4	495.6	487.5	455.1	422.7
120°	670.1	519.4	511.8	481.3	450.8
122.5°	684.2	547.6	539.9	509.2	478.4
125°	703.2	583.7	576.7	548.7	520.7
127.5°	722.2	618.7	611.6	583.3	555.0
130°	736.1	641.9	634.3	603.8	573.3
132.5°	747.3	661.0	653.4	622.8	592.3
135°	759.6	683.0	676.1	648.2	620.5
137.5°	778.0	711.2	704.2	676.8	649.3
140°	789.1	730.1	723.8	698.5	673.2
142.5°	798.6	744.3	738.4	715.0	691.6
145°	810.9	765.7	760.6	740.2	719.8
147.5°	828.8	792.7	787.7	767.8	747.9
150°	838.1	806.7	802.3	784.3	766.3
152.5°	844.2	815.9	812.5	798.9	785.3
155°	857.8	836.1	833.6	823.5	813.4
157.5°	871.2	856.3	853.8	844.0	834.3
160°	877.3	865.5	863.6	856.0	848.4
162.5°	884.0	875.4	873.9	868.2	862.4
165°	893.3	889.4	888.1	882.9	877.7
167.5°	900.7	897.4	896.8	894.3	891.9
170°	906.8	906.6	906.0	903.5	901.1
172.5°	907.2	907.2	907.1	906.5	906.0
175°	910.8	912.7	912.7	912.7	912.7
177.5°	911.2	912.7	912.7	912.7	912.7
180°	912.7	912.7	912.7	912.7	912.7



TEST NUMBER: P934820
 CATALOG NUMBER: SQ4-FA-075U-100D-840-1D-UNV-STD-W-8

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	14.09	15.00	15.01	15.93	17.14	16.93	17.84	17.85	18.77	19.97
	3H	14.57	15.39	15.50	16.33	17.56	18.28	19.09	19.21	20.04	21.26
	4H	14.77	15.53	15.71	16.48	17.72	18.73	19.50	19.67	20.45	21.68
	6H	14.89	15.60	15.84	16.55	17.80	19.02	19.73	19.97	20.68	21.93
	8H	14.89	15.56	15.85	16.54	17.78	19.10	19.77	20.06	20.74	21.99
	12H	14.86	15.50	15.83	16.47	17.74	19.14	19.78	20.10	20.74	22.01
4H	2H	15.13	15.90	16.08	16.85	18.08	17.35	18.11	18.29	19.06	20.30
	3H	16.16	16.80	17.12	17.78	19.03	18.86	19.50	19.82	20.48	21.73
	4H	16.44	17.03	17.41	18.00	19.27	19.39	19.97	20.36	20.95	22.22
	6H	16.57	17.07	17.55	18.07	19.34	19.76	20.26	20.74	21.26	22.53
	8H	16.58	17.05	17.56	18.04	19.32	19.87	20.34	20.85	21.33	22.62
	12H	16.55	16.97	17.55	17.98	19.27	19.93	20.35	20.93	21.36	22.65
8H	4H	16.90	17.37	17.88	18.36	19.65	19.52	19.99	20.50	20.98	22.26
	6H	17.16	17.55	18.17	18.58	19.87	19.96	20.35	20.97	21.38	22.66
	8H	17.21	17.55	18.22	18.57	19.87	20.11	20.45	21.13	21.47	22.78
	12H	17.19	17.50	18.21	18.51	19.86	20.21	20.52	21.23	21.53	22.88
12H	4H	16.91	17.33	17.91	18.34	19.63	19.48	19.91	20.49	20.91	22.21
	6H	17.23	17.57	18.24	18.59	19.89	19.96	20.30	20.97	21.32	22.62
	8H	17.30	17.60	18.31	18.61	19.96	20.12	20.42	21.14	21.43	22.78