

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: P934076

Luminaire Tested: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934076
REPORT IS A COMBINATION OF REPORTS P933684 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

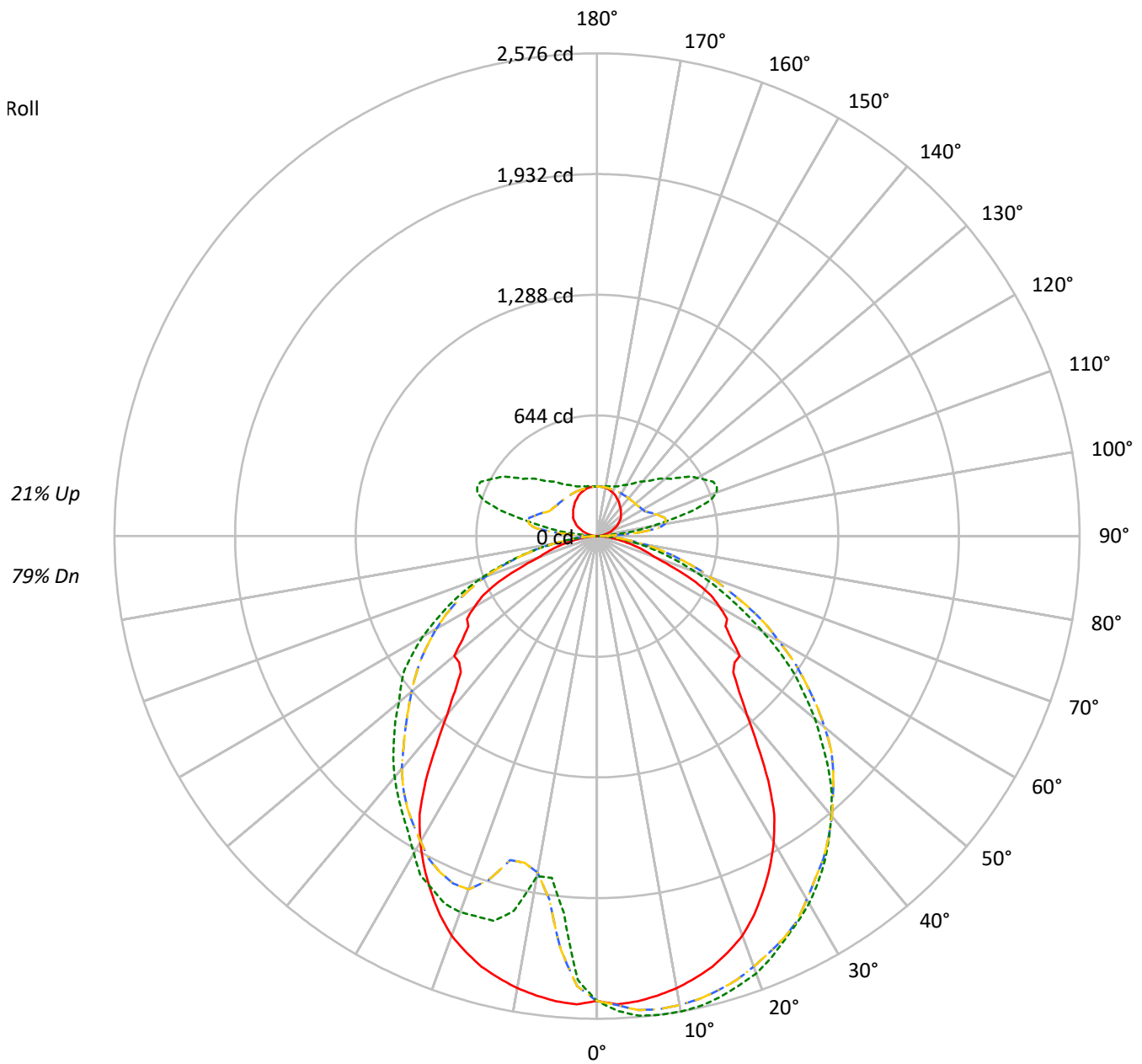
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8150.1 lumens
Efficiency: N/A
Efficacy: 105.0 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: Semi-Direct

Input Watts (W): 77.6
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: P934076
CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



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



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-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	0	
RCR																						
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79				79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67				67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56				56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47				47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41				41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35				35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31				31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27				27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24				24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22				22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20				20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11508	11508	11508	11508
5°	11593	11616	11593	9134
10°	11516	11442	11516	8181
15°	11391	11195	11391	9348
20°	11153	10901	11153	9368
25°	10665	10473	10665	9169
30°	10035	10117	10035	8733
35°	8945	9667	8945	8254
40°	7454	9138	7454	7892
45°	6661	8518	6661	7476
50°	7076	7778	7076	7059
55°	6657	6982	6657	6817
60°	6863	5930	6863	6243
65°	6221	4902	6221	5479
70°	4308	3907	4308	4593
75°	3778	2888	3778	3458
80°	3044	1909	3044	2079
85°	1751	1012	1751	859

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10208 cd/sqm



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.9	2.7
10°-20°	635.7	7.8
20°-30°	982.6	12.1
30°-40°	1173.1	14.4
40°-50°	1179.9	14.5
50°-60°	1026.7	12.6
60°-70°	727.9	8.9
70°-80°	385.1	4.7
80°-90°	96.9	1.2
90°-100°	129.2	1.6
100°-110°	339.7	4.2
110°-120°	352.2	4.3
120°-130°	282.5	3.5
130°-140°	221.7	2.7
140°-150°	170.1	2.1
150°-160°	122.5	1.5
160°-170°	75.0	0.9
170°-180°	25.3	0.3
0°-30°	1842.2	22.6
0°-40°	3015.3	37.0
0°-60°	5221.9	64.1
0°-90°	6431.9	78.9
90°-120°	821.0	10.1
90°-150°	1495.3	18.3
90°-180°	1718.0	21.1
0°-180°	8150.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2480	2480	2480	2480	2480	
5°	2492	2569	2492	2020	2492	236
15°	2379	2546	2379	2126	2379	669
25°	2095	2375	2095	2079	2095	962
35°	1593	2119	1593	1809	1593	986
45°	1028	1746	1028	1532	1028	823
55°	838	1288	838	1258	838	770
65°	582	777	582	868	582	556
75°	221	368	221	441	221	232
85°	38	94	38	80	38	51
90°	2	7	2	7	2	3
95°	17	78	17	78	17	19
105°	61	532	61	532	61	65
115°	109	685	109	685	109	107
125°	151	545	151	545	151	134
135°	180	423	180	423	180	139
145°	209	343	209	343	209	131
155°	236	296	236	296	236	109
165°	255	275	255	275	255	72
175°	265	267	265	267	265	25
180°	265	265	265	265	265	



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2501.4	2501.4	2515.4	2520.1	2520.1	2513.1	2506.1	2513.1	2534.3	2541.3	2539.0
5°	2492.0	2510.7	2536.6	2541.3	2546.0	2543.6	2539.0	2543.6	2567.1	2571.8	2574.1
7.5°	2473.3	2508.4	2541.3	2548.3	2555.4	2548.3	2546.0	2550.7	2574.1	2578.8	2578.8
10°	2449.7	2499.0	2536.6	2541.3	2548.3	2541.3	2541.3	2550.7	2574.1	2578.8	2581.1
12.5°	2416.9	2485.0	2520.1	2524.9	2534.3	2531.9	2529.6	2539.0	2562.4	2567.1	2567.1
15°	2379.4	2459.1	2492.0	2496.7	2513.1	2508.4	2508.4	2517.8	2543.6	2550.7	2548.3
17.5°	2327.7	2426.3	2463.8	2470.9	2482.6	2480.3	2482.6	2492.0	2515.4	2520.1	2522.5
20°	2269.1	2381.7	2426.3	2433.3	2445.1	2445.1	2445.1	2456.8	2480.3	2489.7	2489.7
22.5°	2189.3	2334.8	2381.7	2386.4	2400.4	2400.4	2405.1	2421.6	2442.7	2445.1	2445.1
25°	2095.4	2283.1	2323.0	2337.1	2351.2	2358.3	2365.3	2374.7	2381.7	2379.4	2381.7
27.5°	1996.8	2217.4	2269.1	2278.4	2297.3	2304.3	2313.7	2316.0	2318.4	2325.4	2320.7
30°	1886.6	2126.0	2203.4	2212.8	2243.3	2248.0	2238.6	2243.3	2255.0	2259.7	2264.4
32.5°	1762.2	1989.8	2135.4	2156.4	2184.6	2170.5	2168.1	2175.2	2194.0	2194.0	2198.7
35°	1593.2	1884.2	2072.0	2090.7	2111.8	2095.4	2104.8	2107.1	2118.9	2126.0	2123.6
37.5°	1407.9	1792.7	2006.3	2020.4	2036.8	2015.7	2029.7	2036.8	2046.1	2041.5	2041.5
40°	1243.6	1649.6	1928.8	1938.2	1952.3	1935.8	1950.0	1954.7	1959.4	1954.7	1952.3
42.5°	1121.6	1492.4	1846.7	1858.4	1849.1	1860.8	1865.5	1874.8	1867.8	1858.4	1858.4
45°	1027.8	1450.1	1757.5	1771.6	1757.5	1776.4	1783.4	1783.4	1762.2	1757.5	1755.2
47.5°	997.3	1365.7	1668.4	1668.4	1661.4	1684.8	1696.5	1680.1	1659.0	1651.9	1651.9
50°	994.9	1271.8	1546.4	1537.0	1569.8	1598.0	1586.2	1569.8	1553.4	1527.5	1527.5
52.5°	903.5	1156.8	1389.1	1424.4	1475.9	1492.4	1473.6	1457.2	1429.1	1417.3	1407.9
55°	837.7	1037.2	1246.0	1316.4	1370.4	1391.5	1356.2	1339.9	1297.6	1290.6	1285.9
57.5°	823.6	863.5	1114.6	1203.8	1269.5	1267.1	1246.0	1215.5	1180.3	1173.2	1170.9
60°	755.6	624.2	973.8	1079.4	1147.5	1140.4	1121.6	1093.5	1060.6	1055.9	1051.2
62.5°	685.2	452.9	814.2	933.9	1030.1	1027.8	1011.3	969.1	945.6	933.9	924.5
65°	581.9	380.2	579.6	776.7	915.2	919.8	884.6	854.2	828.3	814.2	811.9
67.5°	443.5	309.7	391.9	647.6	804.9	800.2	755.6	741.5	708.6	701.6	687.5
70°	328.5	206.5	272.2	525.6	696.9	685.2	650.0	633.6	603.0	586.6	577.2
72.5°	272.2	166.6	199.4	408.3	586.6	572.6	542.0	523.3	497.5	483.3	474.0
75°	220.6	176.0	152.6	302.7	476.3	467.0	438.8	420.0	398.9	380.2	382.5
77.5°	161.9	164.3	122.0	222.9	377.8	363.7	347.3	323.9	314.4	295.7	295.7
80°	122.0	129.0	91.6	152.6	272.2	272.2	258.1	241.7	225.3	215.9	215.9
82.5°	82.1	82.1	68.0	96.2	185.4	178.3	169.0	164.3	154.9	150.2	150.2
85°	37.6	46.9	42.3	58.7	100.9	105.6	105.6	100.9	98.6	93.9	96.2
87.5°	11.7	21.1	25.8	32.9	51.6	54.0	56.3	56.3	56.3	58.7	58.7
90°	1.8	3.2	4.6	5.0	7.8	11.6	13.5	12.0	9.0	6.7	6.7
92.5°	7.1	19.2	31.3	34.4	48.3	66.9	76.1	66.7	48.0	33.8	32.5
95°	17.0	39.2	61.4	66.9	118.7	187.9	222.5	198.6	150.7	114.7	110.6
97.5°	29.6	49.1	68.6	73.4	159.9	275.3	333.0	317.9	287.6	264.9	257.2
100°	39.2	56.8	74.5	78.9	174.9	302.9	366.9	368.1	370.3	372.0	362.7
102.5°	47.3	63.8	80.4	84.4	181.9	311.7	376.6	395.9	434.4	463.4	455.5
105°	61.2	75.2	89.2	92.7	187.0	312.7	375.5	418.8	505.3	570.1	565.8
107.5°	75.4	88.4	101.5	104.8	187.9	298.7	354.1	414.4	535.1	625.6	626.7
110°	85.1	96.8	108.6	111.5	186.5	286.4	336.4	403.8	538.7	639.8	644.2



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	94.5	105.7	116.9	119.7	186.6	275.6	320.2	389.2	527.2	630.7	637.6
115°	108.7	119.0	129.4	132.0	188.3	263.3	300.8	367.3	500.3	600.0	609.4
117.5°	122.7	132.1	141.5	143.9	191.8	255.6	287.4	347.5	467.4	557.5	568.0
120°	130.9	139.8	148.7	150.9	194.6	253.0	282.1	336.9	446.6	528.8	538.9
122.5°	138.9	147.9	156.8	159.0	198.7	251.6	278.0	327.4	426.2	500.2	510.2
125°	151.2	159.4	167.5	169.5	204.2	250.5	273.6	315.5	399.4	462.3	471.5
127.5°	161.2	169.3	177.6	179.6	209.7	249.8	269.9	305.9	377.9	431.9	439.7
130°	166.5	175.4	184.2	186.4	213.7	250.2	268.4	300.5	364.6	412.7	419.8
132.5°	172.0	180.9	189.7	191.9	217.0	250.5	267.2	295.9	353.2	396.3	402.8
135°	180.2	188.3	196.3	198.4	220.6	250.2	265.1	289.1	337.2	373.2	378.7
137.5°	188.5	196.5	204.5	206.5	225.9	251.7	264.7	285.0	325.6	356.1	360.6
140°	195.4	202.8	210.2	212.1	229.2	252.0	263.5	281.1	316.1	342.4	346.7
142.5°	200.9	207.6	214.5	216.1	231.9	253.0	263.5	278.9	309.7	332.8	336.5
145°	209.0	215.0	220.8	222.4	235.5	253.0	261.7	274.3	299.5	318.4	321.2
147.5°	217.2	223.0	228.7	230.2	240.6	254.7	261.7	271.6	291.4	306.3	308.6
150°	222.5	227.8	232.9	234.3	243.4	255.6	261.7	270.0	286.8	299.3	301.2
152.5°	228.0	231.9	235.9	236.9	245.2	256.2	261.7	268.8	283.1	293.8	295.3
155°	236.2	239.1	242.1	242.8	249.1	257.5	261.7	267.4	278.7	287.3	288.2
157.5°	242.2	245.1	247.9	248.6	253.0	258.8	261.7	266.1	274.9	281.6	282.2
160°	246.3	248.6	250.8	251.3	254.8	259.4	261.7	265.5	273.1	278.7	279.1
162.5°	250.4	252.1	253.7	254.1	256.6	260.0	261.7	264.9	271.3	276.1	276.4
165°	254.9	256.5	258.0	258.3	259.5	261.0	261.7	264.0	268.5	272.0	272.3
167.5°	259.0	259.7	260.5	260.6	261.6	262.8	263.5	265.0	268.0	270.2	270.4
170°	261.7	262.4	263.1	263.3	263.4	263.5	263.5	265.0	268.0	270.2	270.2
172.5°	263.1	263.3	263.5	263.5	263.5	263.5	263.5	264.6	267.0	268.8	268.6
175°	265.1	265.1	265.1	265.1	264.5	263.8	263.5	264.2	265.7	266.8	266.8
177.5°	265.1	265.1	265.1	265.1	264.6	264.1	263.8	264.4	265.6	266.5	266.3
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2543.6	2536.6	2543.6	2539.0	2541.3	2534.3	2513.1	2506.1	2513.1	2520.1	2520.1
5°	2574.1	2569.4	2574.1	2574.1	2571.8	2567.1	2543.6	2539.0	2543.6	2546.0	2541.3
7.5°	2583.5	2576.4	2583.5	2578.8	2578.8	2574.1	2550.7	2546.0	2548.3	2555.4	2548.3
10°	2583.5	2576.4	2583.5	2581.1	2578.8	2574.1	2550.7	2541.3	2541.3	2548.3	2541.3
12.5°	2571.8	2567.1	2571.8	2567.1	2567.1	2562.4	2539.0	2529.6	2531.9	2534.3	2524.9
15°	2553.0	2546.0	2553.0	2548.3	2550.7	2543.6	2517.8	2508.4	2508.4	2513.1	2496.7
17.5°	2524.9	2515.4	2524.9	2522.5	2520.1	2515.4	2492.0	2482.6	2480.3	2482.6	2470.9
20°	2492.0	2485.0	2492.0	2489.7	2489.7	2480.3	2456.8	2445.1	2445.1	2445.1	2433.3
22.5°	2440.4	2433.3	2440.4	2445.1	2445.1	2442.7	2421.6	2405.1	2400.4	2400.4	2386.4
25°	2381.7	2374.7	2381.7	2381.7	2379.4	2381.7	2374.7	2365.3	2358.3	2351.2	2337.1
27.5°	2325.4	2320.7	2325.4	2320.7	2325.4	2318.4	2316.0	2313.7	2304.3	2297.3	2278.4
30°	2269.1	2264.4	2269.1	2264.4	2259.7	2255.0	2243.3	2238.6	2248.0	2243.3	2212.8
32.5°	2198.7	2194.0	2198.7	2198.7	2194.0	2194.0	2175.2	2168.1	2170.5	2184.6	2156.4
35°	2126.0	2118.9	2126.0	2123.6	2126.0	2118.9	2107.1	2104.8	2095.4	2111.8	2090.7
37.5°	2041.5	2034.4	2041.5	2041.5	2041.5	2046.1	2036.8	2029.7	2015.7	2036.8	2020.4
40°	1954.7	1945.3	1954.7	1952.3	1954.7	1959.4	1954.7	1950.0	1935.8	1952.3	1938.2
42.5°	1856.1	1853.8	1856.1	1858.4	1858.4	1867.8	1874.8	1865.5	1860.8	1849.1	1858.4
45°	1750.5	1745.8	1750.5	1755.2	1757.5	1762.2	1783.4	1783.4	1776.4	1757.5	1771.6
47.5°	1637.8	1626.1	1637.8	1651.9	1651.9	1659.0	1680.1	1696.5	1684.8	1661.4	1668.4
50°	1518.2	1520.5	1518.2	1527.5	1527.5	1553.4	1569.8	1586.2	1598.0	1569.8	1537.0
52.5°	1400.9	1398.5	1400.9	1407.9	1417.3	1429.1	1457.2	1473.6	1492.4	1475.9	1424.4
55°	1283.5	1288.2	1283.5	1285.9	1290.6	1297.6	1339.9	1356.2	1391.5	1370.4	1316.4
57.5°	1166.2	1159.2	1166.2	1170.9	1173.2	1180.3	1215.5	1246.0	1267.1	1269.5	1203.8
60°	1030.1	1020.8	1030.1	1051.2	1055.9	1060.6	1093.5	1121.6	1140.4	1147.5	1079.4
62.5°	910.5	894.0	910.5	924.5	933.9	945.6	969.1	1011.3	1027.8	1030.1	933.9
65°	783.7	776.7	783.7	811.9	814.2	828.3	854.2	884.6	919.8	915.2	776.7
67.5°	668.8	668.8	668.8	687.5	701.6	708.6	741.5	755.6	800.2	804.9	647.6
70°	563.2	560.9	563.2	577.2	586.6	603.0	633.6	650.0	685.2	696.9	525.6
72.5°	462.3	459.9	462.3	474.0	483.3	497.5	523.3	542.0	572.6	586.6	408.3
75°	373.1	368.4	373.1	382.5	380.2	398.9	420.0	438.8	467.0	476.3	302.7
77.5°	286.3	286.3	286.3	295.7	295.7	314.4	323.9	347.3	363.7	377.8	222.9
80°	213.6	211.2	213.6	215.9	215.9	225.3	241.7	258.1	272.2	272.2	152.6
82.5°	150.2	145.5	150.2	150.2	150.2	154.9	164.3	169.0	178.3	185.4	96.2
85°	93.9	93.9	93.9	96.2	93.9	98.6	100.9	105.6	105.6	100.9	58.7
87.5°	61.0	58.7	61.0	58.7	58.7	56.3	56.3	56.3	54.0	51.6	32.9
90°	6.7	6.7	6.7	6.7	6.7	9.0	12.0	13.5	11.6	7.8	5.0
92.5°	27.1	21.7	27.1	32.5	33.8	48.0	66.7	76.1	66.9	48.3	34.4
95°	94.4	78.1	94.4	110.6	114.7	150.7	198.6	222.5	187.9	118.7	66.9
97.5°	226.1	195.1	226.1	257.2	264.9	287.6	317.9	333.0	275.3	159.9	73.4
100°	325.8	288.9	325.8	362.7	372.0	370.3	368.1	366.9	302.9	174.9	78.9
102.5°	423.8	392.2	423.8	455.5	463.4	434.4	395.9	376.6	311.7	181.9	84.4
105°	548.9	531.8	548.9	565.8	570.1	505.3	418.8	375.5	312.7	187.0	92.7
107.5°	630.7	634.8	630.7	626.7	625.6	535.1	414.4	354.1	298.7	187.9	104.8
110°	661.9	679.7	661.9	644.2	639.8	538.7	403.8	336.4	286.4	186.5	111.5



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	664.8	691.9	664.8	637.6	630.7	527.2	389.2	320.2	275.6	186.6	119.7
115°	647.2	684.8	647.2	609.4	600.0	500.3	367.3	300.8	263.3	188.3	132.0
117.5°	609.8	651.6	609.8	568.0	557.5	467.4	347.5	287.4	255.6	191.8	143.9
120°	579.6	620.3	579.6	538.9	528.8	446.6	336.9	282.1	253.0	194.6	150.9
122.5°	550.3	590.3	550.3	510.2	500.2	426.2	327.4	278.0	251.6	198.7	159.0
125°	508.5	545.4	508.5	471.5	462.3	399.4	315.5	273.6	250.5	204.2	169.5
127.5°	470.8	502.0	470.8	439.7	431.9	377.9	305.9	269.9	249.8	209.7	179.6
130°	448.6	477.4	448.6	419.8	412.7	364.6	300.5	268.4	250.2	213.7	186.4
132.5°	428.5	454.3	428.5	402.8	396.3	353.2	295.9	267.2	250.5	217.0	191.9
135°	400.9	423.1	400.9	378.7	373.2	337.2	289.1	265.1	250.2	220.6	198.4
137.5°	378.8	397.0	378.8	360.6	356.1	325.6	285.0	264.7	251.7	225.9	206.5
140°	363.6	380.7	363.6	346.7	342.4	316.1	281.1	263.5	252.0	229.2	212.1
142.5°	351.1	365.7	351.1	336.5	332.8	309.7	278.9	263.5	253.0	231.9	216.1
145°	332.3	343.3	332.3	321.2	318.4	299.5	274.3	261.7	253.0	235.5	222.4
147.5°	317.7	327.0	317.7	308.6	306.3	291.4	271.6	261.7	254.7	240.6	230.2
150°	308.7	316.1	308.7	301.2	299.3	286.8	270.0	261.7	255.6	243.4	234.3
152.5°	300.9	306.4	300.9	295.3	293.8	283.1	268.8	261.7	256.2	245.2	236.9
155°	291.9	295.6	291.9	288.2	287.3	278.7	267.4	261.7	257.5	249.1	242.8
157.5°	284.9	287.4	284.9	282.2	281.6	274.9	266.1	261.7	258.8	253.0	248.6
160°	280.6	282.1	280.6	279.1	278.7	273.1	265.5	261.7	259.4	254.8	251.3
162.5°	277.9	279.3	277.9	276.4	276.1	271.3	264.9	261.7	260.0	256.6	254.1
165°	273.9	275.4	273.9	272.3	272.0	268.5	264.0	261.7	261.0	259.5	258.3
167.5°	271.0	271.6	271.0	270.4	270.2	268.0	265.0	263.5	262.8	261.6	260.6
170°	270.2	270.2	270.2	270.2	270.2	268.0	265.0	263.5	263.5	263.4	263.3
172.5°	268.1	267.6	268.1	268.6	268.8	267.0	264.6	263.5	263.5	263.5	263.5
175°	266.8	266.8	266.8	266.8	266.8	265.7	264.2	263.5	263.8	264.5	265.1
177.5°	265.7	265.1	265.7	266.3	266.5	265.6	264.4	263.8	264.1	264.6	265.1
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2515.4	2501.4	2501.4	2478.0	2468.6	2461.5	2449.7	2414.6	2405.1	2395.8	2409.9
5°	2536.6	2510.7	2492.0	2449.7	2414.6	2400.4	2355.9	2271.4	2215.1	2172.8	2149.4
7.5°	2541.3	2508.4	2473.3	2407.5	2323.0	2285.5	2149.4	1994.5	1952.3	1914.8	1891.3
10°	2536.6	2499.0	2449.7	2351.2	2151.7	2086.1	1950.0	1849.1	1823.2	1816.2	1823.2
12.5°	2520.1	2485.0	2416.9	2252.7	1973.4	1928.8	1849.1	1790.4	1785.7	1797.4	1860.8
15°	2492.0	2459.1	2379.4	2121.3	1874.8	1842.0	1785.7	1764.5	1790.4	1872.5	2062.6
17.5°	2463.8	2426.3	2327.7	1992.2	1799.8	1776.4	1736.4	1778.7	1924.1	2034.4	2097.8
20°	2426.3	2381.7	2269.1	1898.4	1745.8	1724.7	1705.9	1896.0	2006.3	2046.1	2081.4
22.5°	2381.7	2334.8	2189.3	1832.7	1689.5	1673.1	1684.8	1961.7	2006.3	2034.4	2065.0
25°	2323.0	2283.1	2095.4	1781.0	1644.9	1626.1	1670.7	1954.7	1980.4	1987.5	2048.5
27.5°	2269.1	2217.4	1996.8	1734.1	1590.9	1583.9	1682.5	1924.1	1942.9	1950.0	2015.7
30°	2203.4	2126.0	1886.6	1684.8	1534.6	1532.2	1684.8	1886.6	1881.9	1900.7	1966.4
32.5°	2135.4	1989.8	1762.2	1623.8	1480.7	1478.3	1668.4	1830.3	1825.6	1851.4	1900.7
35°	2072.0	1884.2	1593.2	1553.4	1412.6	1414.9	1628.5	1764.5	1766.9	1790.4	1820.9
37.5°	2006.3	1792.7	1407.9	1475.9	1346.9	1346.9	1574.5	1703.5	1698.9	1705.9	1748.1
40°	1928.8	1649.6	1243.6	1375.1	1285.9	1278.8	1508.8	1637.8	1621.4	1619.1	1677.8
42.5°	1846.7	1492.4	1121.6	1241.3	1215.5	1206.1	1429.1	1558.1	1527.5	1534.6	1609.7
45°	1757.5	1450.1	1027.8	1048.9	1142.8	1135.8	1342.2	1466.5	1445.5	1464.2	1541.7
47.5°	1668.4	1365.7	997.3	870.6	1065.3	1062.9	1246.0	1377.4	1365.7	1384.5	1466.5
50°	1546.4	1271.8	994.9	746.2	978.5	987.9	1131.0	1290.6	1290.6	1307.0	1393.8
52.5°	1389.1	1156.8	903.5	675.8	877.6	905.8	1030.1	1215.5	1220.2	1236.6	1314.1
55°	1246.0	1037.2	837.7	621.9	757.9	818.9	931.6	1138.1	1147.5	1163.9	1234.2
57.5°	1114.6	863.5	823.6	558.5	647.6	706.3	844.8	1062.9	1067.6	1081.8	1149.8
60°	973.8	624.2	755.6	490.4	551.4	596.0	764.9	973.8	990.2	999.6	1058.3
62.5°	814.2	452.9	685.2	443.5	504.5	513.9	699.3	889.3	910.5	917.5	952.6
65°	579.6	380.2	581.9	403.6	455.2	457.6	628.9	802.5	821.3	833.0	858.8
67.5°	391.9	309.7	443.5	366.0	417.7	420.0	560.9	701.6	727.4	736.8	753.2
70°	272.2	206.5	328.5	326.2	375.4	380.2	488.0	610.1	633.6	640.6	650.0
72.5°	199.4	166.6	272.2	293.3	330.9	335.6	413.0	506.9	530.3	537.3	542.0
75°	152.6	176.0	220.6	255.7	281.6	283.9	337.9	413.0	429.4	434.1	436.5
77.5°	122.0	164.3	161.9	206.5	230.0	225.3	265.2	319.1	333.2	333.2	333.2
80°	91.6	129.0	122.0	147.9	169.0	164.3	190.0	227.6	232.3	237.0	234.6
82.5°	68.0	82.1	82.1	93.9	112.6	108.0	126.7	147.9	147.9	147.9	152.6
85°	42.3	46.9	37.6	49.3	63.3	61.0	70.4	79.7	82.1	82.1	77.4
87.5°	25.8	21.1	11.7	18.7	28.1	28.1	32.9	35.2	32.9	32.9	32.9
90°	4.6	3.2	1.8	3.2	4.6	5.0	7.8	11.6	13.5	12.0	9.0
92.5°	31.3	19.2	7.1	19.2	31.3	34.4	48.3	66.9	76.1	66.7	48.0
95°	61.4	39.2	17.0	39.2	61.4	66.9	118.7	187.9	222.5	198.6	150.7
97.5°	68.6	49.1	29.6	49.1	68.6	73.4	159.9	275.3	333.0	317.9	287.6
100°	74.5	56.8	39.2	56.8	74.5	78.9	174.9	302.9	366.9	368.1	370.3
102.5°	80.4	63.8	47.3	63.8	80.4	84.4	181.9	311.7	376.6	395.9	434.4
105°	89.2	75.2	61.2	75.2	89.2	92.7	187.0	312.7	375.5	418.8	505.3
107.5°	101.5	88.4	75.4	88.4	101.5	104.8	187.9	298.7	354.1	414.4	535.1
110°	108.6	96.8	85.1	96.8	108.6	111.5	186.5	286.4	336.4	403.8	538.7



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	116.9	105.7	94.5	105.7	116.9	119.7	186.6	275.6	320.2	389.2	527.2
115°	129.4	119.0	108.7	119.0	129.4	132.0	188.3	263.3	300.8	367.3	500.3
117.5°	141.5	132.1	122.7	132.1	141.5	143.9	191.8	255.6	287.4	347.5	467.4
120°	148.7	139.8	130.9	139.8	148.7	150.9	194.6	253.0	282.1	336.9	446.6
122.5°	156.8	147.9	138.9	147.9	156.8	159.0	198.7	251.6	278.0	327.4	426.2
125°	167.5	159.4	151.2	159.4	167.5	169.5	204.2	250.5	273.6	315.5	399.4
127.5°	177.6	169.3	161.2	169.3	177.6	179.6	209.7	249.8	269.9	305.9	377.9
130°	184.2	175.4	166.5	175.4	184.2	186.4	213.7	250.2	268.4	300.5	364.6
132.5°	189.7	180.9	172.0	180.9	189.7	191.9	217.0	250.5	267.2	295.9	353.2
135°	196.3	188.3	180.2	188.3	196.3	198.4	220.6	250.2	265.1	289.1	337.2
137.5°	204.5	196.5	188.5	196.5	204.5	206.5	225.9	251.7	264.7	285.0	325.6
140°	210.2	202.8	195.4	202.8	210.2	212.1	229.2	252.0	263.5	281.1	316.1
142.5°	214.5	207.6	200.9	207.6	214.5	216.1	231.9	253.0	263.5	278.9	309.7
145°	220.8	215.0	209.0	215.0	220.8	222.4	235.5	253.0	261.7	274.3	299.5
147.5°	228.7	223.0	217.2	223.0	228.7	230.2	240.6	254.7	261.7	271.6	291.4
150°	232.9	227.8	222.5	227.8	232.9	234.3	243.4	255.6	261.7	270.0	286.8
152.5°	235.9	231.9	228.0	231.9	235.9	236.9	245.2	256.2	261.7	268.8	283.1
155°	242.1	239.1	236.2	239.1	242.1	242.8	249.1	257.5	261.7	267.4	278.7
157.5°	247.9	245.1	242.2	245.1	247.9	248.6	253.0	258.8	261.7	266.1	274.9
160°	250.8	248.6	246.3	248.6	250.8	251.3	254.8	259.4	261.7	265.5	273.1
162.5°	253.7	252.1	250.4	252.1	253.7	254.1	256.6	260.0	261.7	264.9	271.3
165°	258.0	256.5	254.9	256.5	258.0	258.3	259.5	261.0	261.7	264.0	268.5
167.5°	260.5	259.7	259.0	259.7	260.5	260.6	261.6	262.8	263.5	265.0	268.0
170°	263.1	262.4	261.7	262.4	263.1	263.3	263.4	263.5	263.5	265.0	268.0
172.5°	263.5	263.3	263.1	263.3	263.5	263.5	263.5	263.5	263.5	264.6	267.0
175°	265.1	265.1	265.1	265.1	265.1	265.1	264.5	263.8	263.5	264.2	265.7
177.5°	265.1	265.1	265.1	265.1	265.1	265.1	264.6	264.1	263.8	264.4	265.6
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934076
 CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2393.4	2386.4	2395.8	2370.0	2395.8	2386.4	2393.4	2409.9	2395.8	2405.1	2414.6
5°	2100.1	2088.4	2050.8	2020.4	2050.8	2088.4	2100.1	2149.4	2172.8	2215.1	2271.4
7.5°	1877.2	1867.8	1858.4	1839.7	1858.4	1867.8	1877.2	1891.3	1914.8	1952.3	1994.5
10°	1827.9	1830.3	1844.4	1842.0	1844.4	1830.3	1827.9	1823.2	1816.2	1823.2	1849.1
12.5°	1954.7	1975.8	2053.2	2048.5	2053.2	1975.8	1954.7	1860.8	1797.4	1785.7	1790.4
15°	2100.1	2107.1	2123.6	2126.0	2123.6	2107.1	2100.1	2062.6	1872.5	1790.4	1764.5
17.5°	2114.2	2116.5	2128.3	2128.3	2128.3	2116.5	2114.2	2097.8	2034.4	1924.1	1778.7
20°	2102.5	2107.1	2130.7	2135.4	2130.7	2107.1	2102.5	2081.4	2046.1	2006.3	1896.0
22.5°	2097.8	2107.1	2126.0	2123.6	2126.0	2107.1	2097.8	2065.0	2034.4	2006.3	1961.7
25°	2074.3	2074.3	2076.7	2079.0	2076.7	2074.3	2074.3	2048.5	1987.5	1980.4	1954.7
27.5°	2025.1	2029.7	2043.8	2041.5	2043.8	2029.7	2025.1	2015.7	1950.0	1942.9	1924.1
30°	1980.4	1975.8	1964.0	1954.7	1964.0	1975.8	1980.4	1966.4	1900.7	1881.9	1886.6
32.5°	1905.4	1893.7	1881.9	1874.8	1881.9	1893.7	1905.4	1900.7	1851.4	1825.6	1830.3
35°	1816.2	1818.5	1816.2	1809.1	1816.2	1818.5	1816.2	1820.9	1790.4	1766.9	1764.5
37.5°	1752.8	1757.5	1755.2	1745.8	1755.2	1757.5	1752.8	1748.1	1705.9	1698.9	1703.5
40°	1687.1	1689.5	1687.1	1680.1	1687.1	1689.5	1687.1	1677.8	1619.1	1621.4	1637.8
42.5°	1623.8	1621.4	1614.4	1609.7	1614.4	1621.4	1623.8	1609.7	1534.6	1527.5	1558.1
45°	1551.1	1553.4	1539.3	1532.2	1539.3	1553.4	1551.1	1541.7	1464.2	1445.5	1466.5
47.5°	1478.3	1478.3	1466.5	1459.5	1466.5	1478.3	1478.3	1466.5	1384.5	1365.7	1377.4
50°	1400.9	1398.5	1382.1	1379.8	1382.1	1398.5	1400.9	1393.8	1307.0	1290.6	1290.6
52.5°	1311.7	1311.7	1314.1	1318.8	1314.1	1311.7	1311.7	1314.1	1236.6	1220.2	1215.5
55°	1234.2	1236.6	1253.1	1257.8	1253.1	1236.6	1234.2	1234.2	1163.9	1147.5	1138.1
57.5°	1154.5	1154.5	1166.2	1166.2	1166.2	1154.5	1154.5	1149.8	1081.8	1067.6	1062.9
60°	1062.9	1067.6	1077.1	1074.7	1077.1	1067.6	1062.9	1058.3	999.6	990.2	973.8
62.5°	966.8	971.5	973.8	969.1	973.8	971.5	966.8	952.6	917.5	910.5	889.3
65°	865.9	870.6	872.9	868.2	872.9	870.6	865.9	858.8	833.0	821.3	802.5
67.5°	762.6	760.3	757.9	767.3	757.9	760.3	762.6	753.2	736.8	727.4	701.6
70°	657.0	657.0	654.6	659.3	654.6	657.0	657.0	650.0	640.6	633.6	610.1
72.5°	544.4	542.0	551.4	544.4	551.4	542.0	544.4	542.0	537.3	530.3	506.9
75°	434.1	438.8	434.1	441.2	434.1	438.8	434.1	436.5	434.1	429.4	413.0
77.5°	330.9	335.6	330.9	330.9	330.9	335.6	330.9	333.2	333.2	333.2	319.1
80°	234.6	232.3	232.3	230.0	232.3	232.3	234.6	234.6	237.0	232.3	227.6
82.5°	150.2	147.9	147.9	152.6	147.9	147.9	150.2	152.6	147.9	147.9	147.9
85°	82.1	84.4	79.7	79.7	79.7	84.4	82.1	77.4	82.1	82.1	79.7
87.5°	30.5	28.1	28.1	28.1	28.1	28.1	30.5	32.9	32.9	32.9	35.2
90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	9.0	12.0	13.5	11.6
92.5°	33.8	32.5	27.1	21.7	27.1	32.5	33.8	48.0	66.7	76.1	66.9
95°	114.7	110.6	94.4	78.1	94.4	110.6	114.7	150.7	198.6	222.5	187.9
97.5°	264.9	257.2	226.1	195.1	226.1	257.2	264.9	287.6	317.9	333.0	275.3
100°	372.0	362.7	325.8	288.9	325.8	362.7	372.0	370.3	368.1	366.9	302.9
102.5°	463.4	455.5	423.8	392.2	423.8	455.5	463.4	434.4	395.9	376.6	311.7
105°	570.1	565.8	548.9	531.8	548.9	565.8	570.1	505.3	418.8	375.5	312.7
107.5°	625.6	626.7	630.7	634.8	630.7	626.7	625.6	535.1	414.4	354.1	298.7
110°	639.8	644.2	661.9	679.7	661.9	644.2	639.8	538.7	403.8	336.4	286.4



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	630.7	637.6	664.8	691.9	664.8	637.6	630.7	527.2	389.2	320.2	275.6
115°	600.0	609.4	647.2	684.8	647.2	609.4	600.0	500.3	367.3	300.8	263.3
117.5°	557.5	568.0	609.8	651.6	609.8	568.0	557.5	467.4	347.5	287.4	255.6
120°	528.8	538.9	579.6	620.3	579.6	538.9	528.8	446.6	336.9	282.1	253.0
122.5°	500.2	510.2	550.3	590.3	550.3	510.2	500.2	426.2	327.4	278.0	251.6
125°	462.3	471.5	508.5	545.4	508.5	471.5	462.3	399.4	315.5	273.6	250.5
127.5°	431.9	439.7	470.8	502.0	470.8	439.7	431.9	377.9	305.9	269.9	249.8
130°	412.7	419.8	448.6	477.4	448.6	419.8	412.7	364.6	300.5	268.4	250.2
132.5°	396.3	402.8	428.5	454.3	428.5	402.8	396.3	353.2	295.9	267.2	250.5
135°	373.2	378.7	400.9	423.1	400.9	378.7	373.2	337.2	289.1	265.1	250.2
137.5°	356.1	360.6	378.8	397.0	378.8	360.6	356.1	325.6	285.0	264.7	251.7
140°	342.4	346.7	363.6	380.7	363.6	346.7	342.4	316.1	281.1	263.5	252.0
142.5°	332.8	336.5	351.1	365.7	351.1	336.5	332.8	309.7	278.9	263.5	253.0
145°	318.4	321.2	332.3	343.3	332.3	321.2	318.4	299.5	274.3	261.7	253.0
147.5°	306.3	308.6	317.7	327.0	317.7	308.6	306.3	291.4	271.6	261.7	254.7
150°	299.3	301.2	308.7	316.1	308.7	301.2	299.3	286.8	270.0	261.7	255.6
152.5°	293.8	295.3	300.9	306.4	300.9	295.3	293.8	283.1	268.8	261.7	256.2
155°	287.3	288.2	291.9	295.6	291.9	288.2	287.3	278.7	267.4	261.7	257.5
157.5°	281.6	282.2	284.9	287.4	284.9	282.2	281.6	274.9	266.1	261.7	258.8
160°	278.7	279.1	280.6	282.1	280.6	279.1	278.7	273.1	265.5	261.7	259.4
162.5°	276.1	276.4	277.9	279.3	277.9	276.4	276.1	271.3	264.9	261.7	260.0
165°	272.0	272.3	273.9	275.4	273.9	272.3	272.0	268.5	264.0	261.7	261.0
167.5°	270.2	270.4	271.0	271.6	271.0	270.4	270.2	268.0	265.0	263.5	262.8
170°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	268.0	265.0	263.5	263.5
172.5°	268.8	268.6	268.1	267.6	268.1	268.6	268.8	267.0	264.6	263.5	263.5
175°	266.8	266.8	266.8	266.8	266.8	266.8	266.8	265.7	264.2	263.5	263.8
177.5°	266.5	266.3	265.7	265.1	265.7	266.3	266.5	265.6	264.4	263.8	264.1
180°	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2449.7	2461.5	2468.6	2478.0	2501.4
5°	2355.9	2400.4	2414.6	2449.7	2492.0
7.5°	2149.4	2285.5	2323.0	2407.5	2473.3
10°	1950.0	2086.1	2151.7	2351.2	2449.7
12.5°	1849.1	1928.8	1973.4	2252.7	2416.9
15°	1785.7	1842.0	1874.8	2121.3	2379.4
17.5°	1736.4	1776.4	1799.8	1992.2	2327.7
20°	1705.9	1724.7	1745.8	1898.4	2269.1
22.5°	1684.8	1673.1	1689.5	1832.7	2189.3
25°	1670.7	1626.1	1644.9	1781.0	2095.4
27.5°	1682.5	1583.9	1590.9	1734.1	1996.8
30°	1684.8	1532.2	1534.6	1684.8	1886.6
32.5°	1668.4	1478.3	1480.7	1623.8	1762.2
35°	1628.5	1414.9	1412.6	1553.4	1593.2
37.5°	1574.5	1346.9	1346.9	1475.9	1407.9
40°	1508.8	1278.8	1285.9	1375.1	1243.6
42.5°	1429.1	1206.1	1215.5	1241.3	1121.6
45°	1342.2	1135.8	1142.8	1048.9	1027.8
47.5°	1246.0	1062.9	1065.3	870.6	997.3
50°	1131.0	987.9	978.5	746.2	994.9
52.5°	1030.1	905.8	877.6	675.8	903.5
55°	931.6	818.9	757.9	621.9	837.7
57.5°	844.8	706.3	647.6	558.5	823.6
60°	764.9	596.0	551.4	490.4	755.6
62.5°	699.3	513.9	504.5	443.5	685.2
65°	628.9	457.6	455.2	403.6	581.9
67.5°	560.9	420.0	417.7	366.0	443.5
70°	488.0	380.2	375.4	326.2	328.5
72.5°	413.0	335.6	330.9	293.3	272.2
75°	337.9	283.9	281.6	255.7	220.6
77.5°	265.2	225.3	230.0	206.5	161.9
80°	190.0	164.3	169.0	147.9	122.0
82.5°	126.7	108.0	112.6	93.9	82.1
85°	70.4	61.0	63.3	49.3	37.6
87.5°	32.9	28.1	28.1	18.7	11.7
90°	7.8	5.0	4.6	3.2	1.8
92.5°	48.3	34.4	31.3	19.2	7.1
95°	118.7	66.9	61.4	39.2	17.0
97.5°	159.9	73.4	68.6	49.1	29.6
100°	174.9	78.9	74.5	56.8	39.2
102.5°	181.9	84.4	80.4	63.8	47.3
105°	187.0	92.7	89.2	75.2	61.2
107.5°	187.9	104.8	101.5	88.4	75.4
110°	186.5	111.5	108.6	96.8	85.1



TEST NUMBER: P934076

CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	186.6	119.7	116.9	105.7	94.5
115°	188.3	132.0	129.4	119.0	108.7
117.5°	191.8	143.9	141.5	132.1	122.7
120°	194.6	150.9	148.7	139.8	130.9
122.5°	198.7	159.0	156.8	147.9	138.9
125°	204.2	169.5	167.5	159.4	151.2
127.5°	209.7	179.6	177.6	169.3	161.2
130°	213.7	186.4	184.2	175.4	166.5
132.5°	217.0	191.9	189.7	180.9	172.0
135°	220.6	198.4	196.3	188.3	180.2
137.5°	225.9	206.5	204.5	196.5	188.5
140°	229.2	212.1	210.2	202.8	195.4
142.5°	231.9	216.1	214.5	207.6	200.9
145°	235.5	222.4	220.8	215.0	209.0
147.5°	240.6	230.2	228.7	223.0	217.2
150°	243.4	234.3	232.9	227.8	222.5
152.5°	245.2	236.9	235.9	231.9	228.0
155°	249.1	242.8	242.1	239.1	236.2
157.5°	253.0	248.6	247.9	245.1	242.2
160°	254.8	251.3	250.8	248.6	246.3
162.5°	256.6	254.1	253.7	252.1	250.4
165°	259.5	258.3	258.0	256.5	254.9
167.5°	261.6	260.6	260.5	259.7	259.0
170°	263.4	263.3	263.1	262.4	261.7
172.5°	263.5	263.5	263.5	263.3	263.1
175°	264.5	265.1	265.1	265.1	265.1
177.5°	264.6	265.1	265.1	265.1	265.1
180°	265.1	265.1	265.1	265.1	265.1



TEST NUMBER: P934076
 CATALOG NUMBER: SQ4-FA-025U-100D-940-1D-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	15.63	16.83	16.29	17.51	18.29	18.47	19.67	19.13	20.34	21.13
	3H	16.13	17.21	16.81	17.90	18.72	19.84	20.92	20.52	21.61	22.43
	4H	16.34	17.35	17.03	18.05	18.89	20.30	21.32	21.00	22.02	22.85
	6H	16.47	17.41	17.18	18.12	18.97	20.61	21.54	21.31	22.25	23.10
	8H	16.48	17.38	17.20	18.11	18.96	20.69	21.58	21.41	22.31	23.17
	12H	16.47	17.32	17.19	18.04	18.92	20.74	21.59	21.47	22.32	23.20
4H	2H	16.70	17.72	17.40	18.42	19.25	18.92	19.93	19.61	20.63	21.47
	3H	17.76	18.61	18.47	19.35	20.20	20.46	21.30	21.17	22.04	22.89
	4H	18.05	18.82	18.78	19.56	20.44	21.00	21.77	21.73	22.51	23.39
	6H	18.20	18.86	18.94	19.63	20.52	21.39	22.05	22.13	22.82	23.71
	8H	18.21	18.83	18.96	19.59	20.50	21.50	22.12	22.25	22.88	23.79
	12H	18.19	18.75	18.96	19.54	20.45	21.57	22.13	22.35	22.92	23.83
8H	4H	18.53	19.16	19.28	19.92	20.82	21.15	21.77	21.90	22.53	23.44
	6H	18.81	19.32	19.59	20.13	21.03	21.60	22.12	22.38	22.92	23.83
	8H	18.85	19.31	19.65	20.12	21.04	21.76	22.22	22.55	23.02	23.94
	12H	18.85	19.26	19.65	20.05	21.03	21.87	22.28	22.67	23.07	24.05
12H	4H	18.56	19.12	19.33	19.90	20.81	21.13	21.69	21.90	22.47	23.38
	6H	18.87	19.33	19.67	20.14	21.06	21.60	22.06	22.39	22.87	23.79
	8H	18.96	19.36	19.75	20.15	21.13	21.78	22.19	22.58	22.98	23.96