

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: P934115

Luminaire Tested: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934115
REPORT IS A COMBINATION OF REPORTS P933687 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

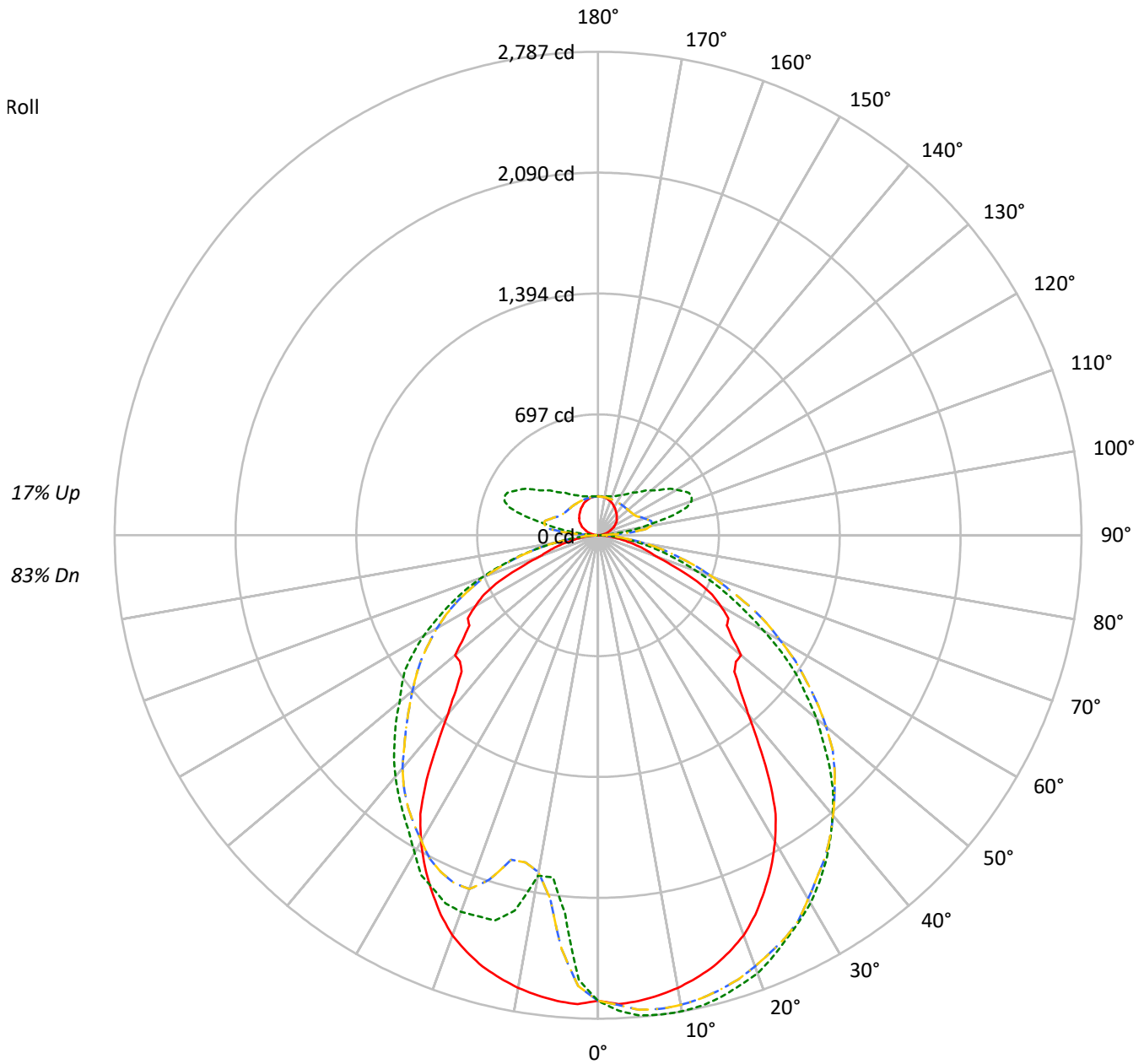
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8408.0 lumens
Efficiency: N/A
Efficacy: 113.0 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: Semi-Direct

Input Watts (W): 74.4
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: P934115
CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	86	86	86	83
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	73	73	73	70
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	62	62	62	59
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	52	52	52	50
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	45	45	45	43
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	39	39	39	37
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	35	35	35	32
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	31	31	31	29
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	28	28	28	26
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	25	25	25	23
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	23	23	23	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16596	16596	16596	16596
5°	16714	16753	16714	13173
10°	16596	16503	16596	11798
15°	16410	16145	16410	13481
20°	16060	15722	16060	13510
25°	15351	15104	15351	13223
30°	14437	14591	14437	12595
35°	12865	13942	12865	11904
40°	10713	13178	10713	11382
45°	9566	12285	9566	10782
50°	10156	11218	10156	10180
55°	9545	10069	9545	9831
60°	9828	8552	9828	9005
65°	8896	7069	8896	7902
70°	6145	5634	6145	6624
75°	5369	4165	5369	4987
80°	4296	2753	4296	2998
85°	2421	1458	2421	1240

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14671 cd/sqm



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.2	2.9
10°-20°	687.6	8.2
20°-30°	1062.9	12.6
30°-40°	1268.9	15.1
40°-50°	1276.3	15.2
50°-60°	1110.5	13.2
60°-70°	787.4	9.4
70°-80°	416.6	5.0
80°-90°	104.6	1.2
90°-100°	109.1	1.3
100°-110°	286.9	3.4
110°-120°	297.5	3.5
120°-130°	238.6	2.8
130°-140°	187.2	2.2
140°-150°	143.7	1.7
150°-160°	103.5	1.2
160°-170°	63.3	0.8
170°-180°	21.4	0.3
0°-30°	1992.6	23.7
0°-40°	3261.5	38.8
0°-60°	5648.3	67.2
0°-90°	6956.8	82.7
90°-120°	693.4	8.2
90°-150°	1262.9	15.0
90°-180°	1451.0	17.3
0°-180°	8408.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2683	2683	2683	2683	2683	
5°	2696	2779	2696	2185	2696	256
15°	2574	2754	2574	2300	2574	724
25°	2266	2569	2266	2249	2266	1041
35°	1723	2292	1723	1957	1723	1066
45°	1112	1888	1112	1657	1112	891
55°	906	1393	906	1360	906	833
65°	630	840	630	939	630	602
75°	239	398	239	477	239	251
85°	41	102	41	86	41	55
90°	2	6	2	6	2	3
95°	14	66	14	66	14	16
105°	52	449	52	449	52	55
115°	92	578	92	578	92	91
125°	128	461	128	461	128	113
135°	152	357	152	357	152	118
145°	176	290	176	290	176	111
155°	200	250	200	250	200	92
165°	215	233	215	233	215	61
175°	224	225	224	225	224	21
180°	224	224	224	224	224	



TEST NUMBER: P934115
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2705.6	2705.6	2720.9	2725.9	2725.9	2718.3	2710.7	2718.3	2741.2	2748.8	2746.2
5°	2695.5	2715.8	2743.7	2748.8	2753.9	2751.3	2746.2	2751.3	2776.7	2781.8	2784.3
7.5°	2675.2	2713.2	2748.8	2756.4	2764.0	2756.4	2753.9	2758.9	2784.3	2789.4	2789.4
10°	2649.8	2703.1	2743.7	2748.8	2756.4	2748.8	2748.8	2758.9	2784.3	2789.4	2791.9
12.5°	2614.3	2687.9	2725.9	2731.0	2741.2	2738.6	2736.1	2746.2	2771.6	2776.7	2776.7
15°	2573.7	2659.9	2695.5	2700.6	2718.3	2713.2	2713.2	2723.4	2751.3	2758.9	2756.4
17.5°	2517.8	2624.4	2665.0	2672.6	2685.3	2682.8	2685.3	2695.5	2720.9	2725.9	2728.5
20°	2454.4	2576.2	2624.4	2632.0	2644.7	2644.7	2644.7	2657.4	2682.8	2692.9	2692.9
22.5°	2368.1	2525.4	2576.2	2581.3	2596.5	2596.5	2601.6	2619.3	2642.2	2644.7	2644.7
25°	2266.5	2469.6	2512.7	2528.0	2543.2	2550.8	2558.4	2568.6	2576.2	2573.7	2576.2
27.5°	2159.9	2398.5	2454.4	2464.5	2484.8	2492.4	2502.6	2505.1	2507.7	2515.3	2510.2
30°	2040.6	2299.5	2383.3	2393.4	2426.4	2431.5	2421.4	2426.4	2439.1	2444.2	2449.3
32.5°	1906.1	2152.3	2309.7	2332.5	2363.0	2347.8	2345.2	2352.8	2373.1	2373.1	2378.2
35°	1723.4	2038.1	2241.2	2261.5	2284.3	2266.5	2276.7	2279.2	2291.9	2299.5	2297.0
37.5°	1522.9	1939.1	2170.1	2185.3	2203.1	2180.2	2195.5	2203.1	2213.2	2208.2	2208.2
40°	1345.2	1784.3	2086.3	2096.5	2111.7	2093.9	2109.2	2114.3	2119.3	2114.3	2111.7
42.5°	1213.2	1614.2	1997.5	2010.2	2000.0	2012.7	2017.8	2028.0	2020.3	2010.2	2010.2
45°	1111.7	1568.6	1901.0	1916.3	1901.0	1921.4	1929.0	1929.0	1906.1	1901.0	1898.5
47.5°	1078.7	1477.2	1804.6	1804.6	1797.0	1822.4	1835.1	1817.3	1794.4	1786.8	1786.8
50°	1076.2	1375.7	1672.6	1662.5	1698.0	1728.5	1715.8	1698.0	1680.2	1652.3	1652.3
52.5°	977.2	1251.3	1502.6	1540.6	1596.5	1614.2	1593.9	1576.2	1545.7	1533.0	1522.9
55°	906.1	1121.8	1347.7	1423.9	1482.3	1505.1	1467.0	1449.3	1403.6	1396.0	1390.9
57.5°	890.9	934.0	1205.6	1302.1	1373.1	1370.6	1347.7	1314.7	1276.7	1269.1	1266.5
60°	817.3	675.1	1053.3	1167.5	1241.1	1233.5	1213.2	1182.8	1147.2	1142.2	1137.1
62.5°	741.1	489.9	880.7	1010.2	1114.2	1111.7	1093.9	1048.2	1022.9	1010.2	1000.0
65°	629.5	411.2	626.9	840.1	989.9	994.9	956.9	923.9	896.0	880.7	878.2
67.5°	479.7	335.0	423.9	700.5	870.6	865.5	817.3	802.0	766.5	758.9	743.7
70°	355.3	223.4	294.4	568.5	753.8	741.1	703.1	685.3	652.3	634.5	624.4
72.5°	294.4	180.2	215.7	441.6	634.5	619.3	586.3	566.0	538.1	522.9	512.7
75°	238.6	190.4	165.0	327.4	515.2	505.1	474.6	454.3	431.5	411.2	413.7
77.5°	175.1	177.7	132.0	241.1	408.6	393.4	375.6	350.3	340.1	319.8	319.8
80°	132.0	139.6	99.0	165.0	294.4	294.4	279.2	261.4	243.7	233.5	233.5
82.5°	88.8	88.8	73.6	104.1	200.5	192.9	182.7	177.7	167.5	162.4	162.4
85°	40.6	50.8	45.7	63.5	109.1	114.2	114.2	109.1	106.6	101.5	104.1
87.5°	12.7	22.8	27.9	35.5	55.8	58.4	60.9	60.9	60.9	63.5	63.5
90°	1.5	2.7	3.9	4.2	6.6	9.8	11.4	10.1	7.6	5.7	5.7
92.5°	6.0	16.2	26.4	29.0	40.8	56.5	64.3	56.3	40.4	28.5	27.4
95°	14.4	33.1	51.8	56.5	100.3	158.7	187.9	167.7	127.2	96.9	93.5
97.5°	24.9	41.4	57.9	62.0	135.1	232.5	281.2	268.4	242.9	223.7	217.2
100°	33.1	48.0	63.0	66.7	147.8	255.9	309.9	310.8	312.7	314.1	306.3
102.5°	40.0	54.0	67.9	71.4	153.6	263.2	318.0	334.3	366.9	391.4	384.7
105°	51.7	63.5	75.3	78.3	157.9	264.0	317.1	353.6	426.7	481.5	477.9
107.5°	63.7	74.7	85.7	88.5	158.7	252.3	299.1	350.1	452.0	528.4	529.3
110°	71.8	81.8	91.7	94.2	157.5	241.9	284.1	341.1	455.0	540.4	544.1



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	79.8	89.3	98.7	101.1	157.5	232.8	270.4	328.7	445.3	532.7	538.4
115°	91.8	100.6	109.3	111.5	159.0	222.3	254.0	310.2	422.5	506.7	514.7
117.5°	103.7	111.6	119.5	121.5	161.9	215.8	242.8	293.5	394.8	470.8	479.6
120°	110.6	118.1	125.5	127.4	164.4	213.7	238.3	284.6	377.2	446.7	455.3
122.5°	117.3	124.9	132.4	134.3	167.8	212.5	234.8	276.5	359.9	422.5	431.0
125°	127.7	134.6	141.5	143.2	172.5	211.6	231.1	266.5	337.4	390.5	398.3
127.5°	136.1	143.0	150.0	151.7	177.1	211.0	227.9	258.3	319.2	364.8	371.4
130°	140.6	148.1	155.5	157.4	180.5	211.3	226.7	253.8	307.9	348.5	354.6
132.5°	145.3	152.8	160.2	162.1	183.3	211.6	225.7	249.9	298.4	334.7	340.1
135°	152.2	159.0	165.8	167.5	186.3	211.4	223.9	244.2	284.8	315.2	319.9
137.5°	159.3	166.0	172.7	174.4	190.8	212.7	223.6	240.8	275.1	300.8	304.6
140°	165.1	171.3	177.5	179.1	193.6	212.9	222.5	237.3	267.0	289.2	292.8
142.5°	169.6	175.3	181.1	182.5	195.8	213.6	222.5	235.5	261.6	281.1	284.2
145°	176.5	181.5	186.5	187.8	198.9	213.6	221.0	231.6	252.9	268.9	271.2
147.5°	183.4	188.3	193.2	194.4	203.3	215.1	221.0	229.4	246.1	258.7	260.6
150°	187.9	192.3	196.8	197.9	205.6	215.9	221.0	228.1	242.2	252.8	254.4
152.5°	192.6	195.9	199.3	200.1	207.1	216.4	221.0	227.0	239.1	248.2	249.4
155°	199.5	202.0	204.5	205.1	210.4	217.5	221.0	225.8	235.4	242.6	243.4
157.5°	204.6	207.0	209.4	210.0	213.7	218.6	221.0	224.7	232.2	237.8	238.4
160°	208.1	210.0	211.8	212.3	215.2	219.1	221.0	224.2	230.6	235.4	235.7
162.5°	211.5	212.9	214.3	214.7	216.8	219.6	221.0	223.7	229.1	233.2	233.5
165°	215.3	216.5	217.8	218.1	219.1	220.4	221.0	222.9	226.8	229.7	230.0
167.5°	218.7	219.3	219.9	220.1	220.9	222.0	222.5	223.8	226.3	228.2	228.3
170°	221.0	221.6	222.2	222.3	222.4	222.5	222.5	223.8	226.3	228.2	228.2
172.5°	222.2	222.3	222.5	222.5	222.5	222.5	222.5	223.5	225.5	227.0	226.9
175°	223.9	223.9	223.9	223.9	223.4	222.8	222.5	223.1	224.4	225.4	225.4
177.5°	223.9	223.9	223.9	223.9	223.5	223.0	222.8	223.3	224.3	225.1	225.0
180°	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2751.3	2743.7	2751.3	2746.2	2748.8	2741.2	2718.3	2710.7	2718.3	2725.9	2725.9
5°	2784.3	2779.2	2784.3	2784.3	2781.8	2776.7	2751.3	2746.2	2751.3	2753.9	2748.8
7.5°	2794.5	2786.9	2794.5	2789.4	2789.4	2784.3	2758.9	2753.9	2756.4	2764.0	2756.4
10°	2794.5	2786.9	2794.5	2791.9	2789.4	2784.3	2758.9	2748.8	2748.8	2756.4	2748.8
12.5°	2781.8	2776.7	2781.8	2776.7	2776.7	2771.6	2746.2	2736.1	2738.6	2741.2	2731.0
15°	2761.5	2753.9	2761.5	2756.4	2758.9	2751.3	2723.4	2713.2	2713.2	2718.3	2700.6
17.5°	2731.0	2720.9	2731.0	2728.5	2725.9	2720.9	2695.5	2685.3	2682.8	2685.3	2672.6
20°	2695.5	2687.9	2695.5	2692.9	2692.9	2682.8	2657.4	2644.7	2644.7	2644.7	2632.0
22.5°	2639.6	2632.0	2639.6	2644.7	2644.7	2642.2	2619.3	2601.6	2596.5	2596.5	2581.3
25°	2576.2	2568.6	2576.2	2576.2	2573.7	2576.2	2568.6	2558.4	2550.8	2543.2	2528.0
27.5°	2515.3	2510.2	2515.3	2510.2	2515.3	2507.7	2505.1	2502.6	2492.4	2484.8	2464.5
30°	2454.4	2449.3	2454.4	2449.3	2444.2	2439.1	2426.4	2421.4	2431.5	2426.4	2393.4
32.5°	2378.2	2373.1	2378.2	2378.2	2373.1	2373.1	2352.8	2345.2	2347.8	2363.0	2332.5
35°	2299.5	2291.9	2299.5	2297.0	2299.5	2291.9	2279.2	2276.7	2266.5	2284.3	2261.5
37.5°	2208.2	2200.5	2208.2	2208.2	2208.2	2213.2	2203.1	2195.5	2180.2	2203.1	2185.3
40°	2114.3	2104.1	2114.3	2111.7	2114.3	2119.3	2114.3	2109.2	2093.9	2111.7	2096.5
42.5°	2007.7	2005.1	2007.7	2010.2	2010.2	2020.3	2028.0	2017.8	2012.7	2000.0	2010.2
45°	1893.4	1888.4	1893.4	1898.5	1901.0	1906.1	1929.0	1929.0	1921.4	1901.0	1916.3
47.5°	1771.6	1758.9	1771.6	1786.8	1786.8	1794.4	1817.3	1835.1	1822.4	1797.0	1804.6
50°	1642.2	1644.7	1642.2	1652.3	1652.3	1680.2	1698.0	1715.8	1728.5	1698.0	1662.5
52.5°	1515.3	1512.7	1515.3	1522.9	1533.0	1545.7	1576.2	1593.9	1614.2	1596.5	1540.6
55°	1388.3	1393.4	1388.3	1390.9	1396.0	1403.6	1449.3	1467.0	1505.1	1482.3	1423.9
57.5°	1261.4	1253.8	1261.4	1266.5	1269.1	1276.7	1314.7	1347.7	1370.6	1373.1	1302.1
60°	1114.2	1104.1	1114.2	1137.1	1142.2	1147.2	1182.8	1213.2	1233.5	1241.1	1167.5
62.5°	984.8	967.0	984.8	1000.0	1010.2	1022.9	1048.2	1093.9	1111.7	1114.2	1010.2
65°	847.7	840.1	847.7	878.2	880.7	896.0	923.9	956.9	994.9	989.9	840.1
67.5°	723.4	723.4	723.4	743.7	758.9	766.5	802.0	817.3	865.5	870.6	700.5
70°	609.1	606.6	609.1	624.4	634.5	652.3	685.3	703.1	741.1	753.8	568.5
72.5°	500.0	497.5	500.0	512.7	522.9	538.1	566.0	586.3	619.3	634.5	441.6
75°	403.6	398.5	403.6	413.7	411.2	431.5	454.3	474.6	505.1	515.2	327.4
77.5°	309.7	309.7	309.7	319.8	319.8	340.1	350.3	375.6	393.4	408.6	241.1
80°	231.0	228.4	231.0	233.5	233.5	243.7	261.4	279.2	294.4	294.4	165.0
82.5°	162.4	157.4	162.4	162.4	162.4	167.5	177.7	182.7	192.9	200.5	104.1
85°	101.5	101.5	101.5	104.1	101.5	106.6	109.1	114.2	114.2	109.1	63.5
87.5°	66.0	63.5	66.0	63.5	63.5	60.9	60.9	60.9	58.4	55.8	35.5
90°	5.7	5.7	5.7	5.7	5.7	7.6	10.1	11.4	9.8	6.6	4.2
92.5°	22.8	18.3	22.8	27.4	28.5	40.4	56.3	64.3	56.5	40.8	29.0
95°	79.7	66.0	79.7	93.5	96.9	127.2	167.7	187.9	158.7	100.3	56.5
97.5°	191.0	164.8	191.0	217.2	223.7	242.9	268.4	281.2	232.5	135.1	62.0
100°	275.2	244.0	275.2	306.3	314.1	312.7	310.8	309.9	255.9	147.8	66.7
102.5°	358.0	331.3	358.0	384.7	391.4	366.9	334.3	318.0	263.2	153.6	71.4
105°	463.6	449.2	463.6	477.9	481.5	426.7	353.6	317.1	264.0	157.9	78.3
107.5°	532.7	536.2	532.7	529.3	528.4	452.0	350.1	299.1	252.3	158.7	88.5
110°	559.1	574.1	559.1	544.1	540.4	455.0	341.1	284.1	241.9	157.5	94.2



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	561.4	584.4	561.4	538.4	532.7	445.3	328.7	270.4	232.8	157.5	101.1
115°	546.5	578.4	546.5	514.7	506.7	422.5	310.2	254.0	222.3	159.0	111.5
117.5°	515.0	550.3	515.0	479.6	470.8	394.8	293.5	242.8	215.8	161.9	121.5
120°	489.6	523.9	489.6	455.3	446.7	377.2	284.6	238.3	213.7	164.4	127.4
122.5°	464.8	498.6	464.8	431.0	422.5	359.9	276.5	234.8	212.5	167.8	134.3
125°	429.4	460.6	429.4	398.3	390.5	337.4	266.5	231.1	211.6	172.5	143.2
127.5°	397.7	424.0	397.7	371.4	364.8	319.2	258.3	227.9	211.0	177.1	151.7
130°	378.9	403.2	378.9	354.6	348.5	307.9	253.8	226.7	211.3	180.5	157.4
132.5°	361.9	383.7	361.9	340.1	334.7	298.4	249.9	225.7	211.6	183.3	162.1
135°	338.6	357.4	338.6	319.9	315.2	284.8	244.2	223.9	211.4	186.3	167.5
137.5°	320.0	335.3	320.0	304.6	300.8	275.1	240.8	223.6	212.7	190.8	174.4
140°	307.1	321.5	307.1	292.8	289.2	267.0	237.3	222.5	212.9	193.6	179.1
142.5°	296.5	308.9	296.5	284.2	281.1	261.6	235.5	222.5	213.6	195.8	182.5
145°	280.6	290.0	280.6	271.2	268.9	252.9	231.6	221.0	213.6	198.9	187.8
147.5°	268.4	276.1	268.4	260.6	258.7	246.1	229.4	221.0	215.1	203.3	194.4
150°	260.7	267.0	260.7	254.4	252.8	242.2	228.1	221.0	215.9	205.6	197.9
152.5°	254.1	258.9	254.1	249.4	248.2	239.1	227.0	221.0	216.4	207.1	200.1
155°	246.5	249.7	246.5	243.4	242.6	235.4	225.8	221.0	217.5	210.4	205.1
157.5°	240.6	242.8	240.6	238.4	237.8	232.2	224.7	221.0	218.6	213.7	210.0
160°	237.0	238.3	237.0	235.7	235.4	230.6	224.2	221.0	219.1	215.2	212.3
162.5°	234.7	235.9	234.7	233.5	233.2	229.1	223.7	221.0	219.6	216.8	214.7
165°	231.3	232.6	231.3	230.0	229.7	226.8	222.9	221.0	220.4	219.1	218.1
167.5°	228.9	229.4	228.9	228.3	228.2	226.3	223.8	222.5	222.0	220.9	220.1
170°	228.2	228.2	228.2	228.2	228.2	226.3	223.8	222.5	222.5	222.4	222.3
172.5°	226.4	226.0	226.4	226.9	227.0	225.5	223.5	222.5	222.5	222.5	222.5
175°	225.4	225.4	225.4	225.4	225.4	224.4	223.1	222.5	222.8	223.4	223.9
177.5°	224.4	223.9	224.4	225.0	225.1	224.3	223.3	222.8	223.0	223.5	223.9
180°	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9



TEST NUMBER: P934115
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2720.9	2705.6	2705.6	2680.3	2670.1	2662.5	2649.8	2611.7	2601.6	2591.4	2606.6
5°	2743.7	2715.8	2695.5	2649.8	2611.7	2596.5	2548.3	2456.9	2396.0	2350.3	2324.9
7.5°	2748.8	2713.2	2675.2	2604.1	2512.7	2472.1	2324.9	2157.4	2111.7	2071.1	2045.7
10°	2743.7	2703.1	2649.8	2543.2	2327.5	2256.4	2109.2	2000.0	1972.1	1964.5	1972.1
12.5°	2725.9	2687.9	2614.3	2436.6	2134.6	2086.3	2000.0	1936.6	1931.5	1944.2	2012.7
15°	2695.5	2659.9	2573.7	2294.5	2028.0	1992.4	1931.5	1908.7	1936.6	2025.4	2231.0
17.5°	2665.0	2624.4	2517.8	2154.9	1946.7	1921.4	1878.2	1923.9	2081.3	2200.5	2269.1
20°	2624.4	2576.2	2454.4	2053.3	1888.4	1865.5	1845.2	2050.8	2170.1	2213.2	2251.3
22.5°	2576.2	2525.4	2368.1	1982.3	1827.4	1809.7	1822.4	2121.9	2170.1	2200.5	2233.5
25°	2512.7	2469.6	2266.5	1926.4	1779.2	1758.9	1807.1	2114.3	2142.2	2149.8	2215.8
27.5°	2454.4	2398.5	2159.9	1875.7	1720.8	1713.2	1819.8	2081.3	2101.6	2109.2	2180.2
30°	2383.3	2299.5	2040.6	1822.4	1659.9	1657.4	1822.4	2040.6	2035.6	2055.9	2126.9
32.5°	2309.7	2152.3	1906.1	1756.4	1601.6	1599.0	1804.6	1979.7	1974.7	2002.6	2055.9
35°	2241.2	2038.1	1723.4	1680.2	1527.9	1530.5	1761.5	1908.7	1911.2	1936.6	1969.6
37.5°	2170.1	1939.1	1522.9	1596.5	1456.9	1456.9	1703.1	1842.7	1837.6	1845.2	1890.9
40°	2086.3	1784.3	1345.2	1487.3	1390.9	1383.3	1632.0	1771.6	1753.8	1751.3	1814.8
42.5°	1997.5	1614.2	1213.2	1342.7	1314.7	1304.6	1545.7	1685.3	1652.3	1659.9	1741.1
45°	1901.0	1568.6	1111.7	1134.5	1236.1	1228.4	1451.8	1586.3	1563.5	1583.8	1667.5
47.5°	1804.6	1477.2	1078.7	941.6	1152.3	1149.8	1347.7	1489.9	1477.2	1497.5	1586.3
50°	1672.6	1375.7	1076.2	807.1	1058.4	1068.5	1223.4	1396.0	1396.0	1413.7	1507.6
52.5°	1502.6	1251.3	977.2	731.0	949.3	979.7	1114.2	1314.7	1319.8	1337.6	1421.3
55°	1347.7	1121.8	906.1	672.6	819.8	885.8	1007.6	1231.0	1241.1	1258.9	1335.0
57.5°	1205.6	934.0	890.9	604.1	700.5	764.0	913.7	1149.8	1154.8	1170.1	1243.7
60°	1053.3	675.1	817.3	530.5	596.5	644.7	827.4	1053.3	1071.1	1081.2	1144.7
62.5°	880.7	489.9	741.1	479.7	545.7	555.8	756.4	961.9	984.8	992.4	1030.5
65°	626.9	411.2	629.5	436.6	492.4	494.9	680.2	868.0	888.3	901.0	929.0
67.5°	423.9	335.0	479.7	395.9	451.8	454.3	606.6	758.9	786.8	797.0	814.7
70°	294.4	223.4	355.3	352.8	406.1	411.2	527.9	659.9	685.3	692.9	703.1
72.5°	215.7	180.2	294.4	317.3	357.9	363.0	446.7	548.2	573.6	581.2	586.3
75°	165.0	190.4	238.6	276.7	304.6	307.1	365.5	446.7	464.5	469.6	472.1
77.5°	132.0	177.7	175.1	223.4	248.7	243.7	286.8	345.2	360.4	360.4	360.4
80°	99.0	139.6	132.0	159.9	182.7	177.7	205.6	246.2	251.3	256.3	253.8
82.5°	73.6	88.8	88.8	101.5	121.8	116.8	137.1	159.9	159.9	159.9	165.0
85°	45.7	50.8	40.6	53.3	68.5	66.0	76.1	86.3	88.8	88.8	83.8
87.5°	27.9	22.8	12.7	20.3	30.5	30.5	35.5	38.1	35.5	35.5	35.5
90°	3.9	2.7	1.5	2.7	3.9	4.2	6.6	9.8	11.4	10.1	7.6
92.5°	26.4	16.2	6.0	16.2	26.4	29.0	40.8	56.5	64.3	56.3	40.4
95°	51.8	33.1	14.4	33.1	51.8	56.5	100.3	158.7	187.9	167.7	127.2
97.5°	57.9	41.4	24.9	41.4	57.9	62.0	135.1	232.5	281.2	268.4	242.9
100°	63.0	48.0	33.1	48.0	63.0	66.7	147.8	255.9	309.9	310.8	312.7
102.5°	67.9	54.0	40.0	54.0	67.9	71.4	153.6	263.2	318.0	334.3	366.9
105°	75.3	63.5	51.7	63.5	75.3	78.3	157.9	264.0	317.1	353.6	426.7
107.5°	85.7	74.7	63.7	74.7	85.7	88.5	158.7	252.3	299.1	350.1	452.0
110°	91.7	81.8	71.8	81.8	91.7	94.2	157.5	241.9	284.1	341.1	455.0



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	98.7	89.3	79.8	89.3	98.7	101.1	157.5	232.8	270.4	328.7	445.3
115°	109.3	100.6	91.8	100.6	109.3	111.5	159.0	222.3	254.0	310.2	422.5
117.5°	119.5	111.6	103.7	111.6	119.5	121.5	161.9	215.8	242.8	293.5	394.8
120°	125.5	118.1	110.6	118.1	125.5	127.4	164.4	213.7	238.3	284.6	377.2
122.5°	132.4	124.9	117.3	124.9	132.4	134.3	167.8	212.5	234.8	276.5	359.9
125°	141.5	134.6	127.7	134.6	141.5	143.2	172.5	211.6	231.1	266.5	337.4
127.5°	150.0	143.0	136.1	143.0	150.0	151.7	177.1	211.0	227.9	258.3	319.2
130°	155.5	148.1	140.6	148.1	155.5	157.4	180.5	211.3	226.7	253.8	307.9
132.5°	160.2	152.8	145.3	152.8	160.2	162.1	183.3	211.6	225.7	249.9	298.4
135°	165.8	159.0	152.2	159.0	165.8	167.5	186.3	211.4	223.9	244.2	284.8
137.5°	172.7	166.0	159.3	166.0	172.7	174.4	190.8	212.7	223.6	240.8	275.1
140°	177.5	171.3	165.1	171.3	177.5	179.1	193.6	212.9	222.5	237.3	267.0
142.5°	181.1	175.3	169.6	175.3	181.1	182.5	195.8	213.6	222.5	235.5	261.6
145°	186.5	181.5	176.5	181.5	186.5	187.8	198.9	213.6	221.0	231.6	252.9
147.5°	193.2	188.3	183.4	188.3	193.2	194.4	203.3	215.1	221.0	229.4	246.1
150°	196.8	192.3	187.9	192.3	196.8	197.9	205.6	215.9	221.0	228.1	242.2
152.5°	199.3	195.9	192.6	195.9	199.3	200.1	207.1	216.4	221.0	227.0	239.1
155°	204.5	202.0	199.5	202.0	204.5	205.1	210.4	217.5	221.0	225.8	235.4
157.5°	209.4	207.0	204.6	207.0	209.4	210.0	213.7	218.6	221.0	224.7	232.2
160°	211.8	210.0	208.1	210.0	211.8	212.3	215.2	219.1	221.0	224.2	230.6
162.5°	214.3	212.9	211.5	212.9	214.3	214.7	216.8	219.6	221.0	223.7	229.1
165°	217.8	216.5	215.3	216.5	217.8	218.1	219.1	220.4	221.0	222.9	226.8
167.5°	219.9	219.3	218.7	219.3	219.9	220.1	220.9	222.0	222.5	223.8	226.3
170°	222.2	221.6	221.0	221.6	222.2	222.3	222.4	222.5	222.5	223.8	226.3
172.5°	222.5	222.3	222.2	222.3	222.5	222.5	222.5	222.5	222.5	223.5	225.5
175°	223.9	223.9	223.9	223.9	223.9	223.9	223.4	222.8	222.5	223.1	224.4
177.5°	223.9	223.9	223.9	223.9	223.9	223.9	223.5	223.0	222.8	223.3	224.3
180°	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9



TEST NUMBER: P934115
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2588.9	2581.3	2591.4	2563.5	2591.4	2581.3	2588.9	2606.6	2591.4	2601.6	2611.7
5°	2271.6	2258.9	2218.3	2185.3	2218.3	2258.9	2271.6	2324.9	2350.3	2396.0	2456.9
7.5°	2030.5	2020.3	2010.2	1989.9	2010.2	2020.3	2030.5	2045.7	2071.1	2111.7	2157.4
10°	1977.2	1979.7	1995.0	1992.4	1995.0	1979.7	1977.2	1972.1	1964.5	1972.1	2000.0
12.5°	2114.3	2137.1	2220.9	2215.8	2220.9	2137.1	2114.3	2012.7	1944.2	1931.5	1936.6
15°	2271.6	2279.2	2297.0	2299.5	2297.0	2279.2	2271.6	2231.0	2025.4	1936.6	1908.7
17.5°	2286.8	2289.4	2302.1	2302.1	2302.1	2289.4	2286.8	2269.1	2200.5	2081.3	1923.9
20°	2274.2	2279.2	2304.6	2309.7	2304.6	2279.2	2274.2	2251.3	2213.2	2170.1	2050.8
22.5°	2269.1	2279.2	2299.5	2297.0	2299.5	2279.2	2269.1	2233.5	2200.5	2170.1	2121.9
25°	2243.7	2243.7	2246.2	2248.8	2246.2	2243.7	2243.7	2215.8	2149.8	2142.2	2114.3
27.5°	2190.4	2195.5	2210.7	2208.2	2210.7	2195.5	2190.4	2180.2	2109.2	2101.6	2081.3
30°	2142.2	2137.1	2124.4	2114.3	2124.4	2137.1	2142.2	2126.9	2055.9	2035.6	2040.6
32.5°	2061.0	2048.3	2035.6	2028.0	2035.6	2048.3	2061.0	2055.9	2002.6	1974.7	1979.7
35°	1964.5	1967.0	1964.5	1956.9	1964.5	1967.0	1964.5	1969.6	1936.6	1911.2	1908.7
37.5°	1896.0	1901.0	1898.5	1888.4	1898.5	1901.0	1896.0	1890.9	1845.2	1837.6	1842.7
40°	1824.9	1827.4	1824.9	1817.3	1824.9	1827.4	1824.9	1814.8	1751.3	1753.8	1771.6
42.5°	1756.4	1753.8	1746.2	1741.1	1746.2	1753.8	1756.4	1741.1	1659.9	1652.3	1685.3
45°	1677.7	1680.2	1665.0	1657.4	1665.0	1680.2	1677.7	1667.5	1583.8	1563.5	1586.3
47.5°	1599.0	1599.0	1586.3	1578.7	1586.3	1599.0	1599.0	1586.3	1497.5	1477.2	1489.9
50°	1515.3	1512.7	1495.0	1492.4	1495.0	1512.7	1515.3	1507.6	1413.7	1396.0	1396.0
52.5°	1418.8	1418.8	1421.3	1426.4	1421.3	1418.8	1418.8	1421.3	1337.6	1319.8	1314.7
55°	1335.0	1337.6	1355.4	1360.4	1355.4	1337.6	1335.0	1335.0	1258.9	1241.1	1231.0
57.5°	1248.8	1248.8	1261.4	1261.4	1261.4	1248.8	1248.8	1243.7	1170.1	1154.8	1149.8
60°	1149.8	1154.8	1165.0	1162.5	1165.0	1154.8	1149.8	1144.7	1081.2	1071.1	1053.3
62.5°	1045.7	1050.8	1053.3	1048.2	1053.3	1050.8	1045.7	1030.5	992.4	984.8	961.9
65°	936.6	941.6	944.2	939.1	944.2	941.6	936.6	929.0	901.0	888.3	868.0
67.5°	824.9	822.3	819.8	830.0	819.8	822.3	824.9	814.7	797.0	786.8	758.9
70°	710.7	710.7	708.1	713.2	708.1	710.7	710.7	703.1	692.9	685.3	659.9
72.5°	588.8	586.3	596.5	588.8	596.5	586.3	588.8	586.3	581.2	573.6	548.2
75°	469.6	474.6	469.6	477.2	469.6	474.6	469.6	472.1	469.6	464.5	446.7
77.5°	357.9	363.0	357.9	357.9	357.9	363.0	357.9	360.4	360.4	360.4	345.2
80°	253.8	251.3	251.3	248.7	251.3	251.3	253.8	253.8	256.3	251.3	246.2
82.5°	162.4	159.9	159.9	165.0	159.9	159.9	162.4	165.0	159.9	159.9	159.9
85°	88.8	91.4	86.3	86.3	86.3	91.4	88.8	83.8	88.8	88.8	86.3
87.5°	33.0	30.5	30.5	30.5	30.5	30.5	33.0	35.5	35.5	35.5	38.1
90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	7.6	10.1	11.4	9.8
92.5°	28.5	27.4	22.8	18.3	22.8	27.4	28.5	40.4	56.3	64.3	56.5
95°	96.9	93.5	79.7	66.0	79.7	93.5	96.9	127.2	167.7	187.9	158.7
97.5°	223.7	217.2	191.0	164.8	191.0	217.2	223.7	242.9	268.4	281.2	232.5
100°	314.1	306.3	275.2	244.0	275.2	306.3	314.1	312.7	310.8	309.9	255.9
102.5°	391.4	384.7	358.0	331.3	358.0	384.7	391.4	366.9	334.3	318.0	263.2
105°	481.5	477.9	463.6	449.2	463.6	477.9	481.5	426.7	353.6	317.1	264.0
107.5°	528.4	529.3	532.7	536.2	532.7	529.3	528.4	452.0	350.1	299.1	252.3
110°	540.4	544.1	559.1	574.1	559.1	544.1	540.4	455.0	341.1	284.1	241.9



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	532.7	538.4	561.4	584.4	561.4	538.4	532.7	445.3	328.7	270.4	232.8
115°	506.7	514.7	546.5	578.4	546.5	514.7	506.7	422.5	310.2	254.0	222.3
117.5°	470.8	479.6	515.0	550.3	515.0	479.6	470.8	394.8	293.5	242.8	215.8
120°	446.7	455.3	489.6	523.9	489.6	455.3	446.7	377.2	284.6	238.3	213.7
122.5°	422.5	431.0	464.8	498.6	464.8	431.0	422.5	359.9	276.5	234.8	212.5
125°	390.5	398.3	429.4	460.6	429.4	398.3	390.5	337.4	266.5	231.1	211.6
127.5°	364.8	371.4	397.7	424.0	397.7	371.4	364.8	319.2	258.3	227.9	211.0
130°	348.5	354.6	378.9	403.2	378.9	354.6	348.5	307.9	253.8	226.7	211.3
132.5°	334.7	340.1	361.9	383.7	361.9	340.1	334.7	298.4	249.9	225.7	211.6
135°	315.2	319.9	338.6	357.4	338.6	319.9	315.2	284.8	244.2	223.9	211.4
137.5°	300.8	304.6	320.0	335.3	320.0	304.6	300.8	275.1	240.8	223.6	212.7
140°	289.2	292.8	307.1	321.5	307.1	292.8	289.2	267.0	237.3	222.5	212.9
142.5°	281.1	284.2	296.5	308.9	296.5	284.2	281.1	261.6	235.5	222.5	213.6
145°	268.9	271.2	280.6	290.0	280.6	271.2	268.9	252.9	231.6	221.0	213.6
147.5°	258.7	260.6	268.4	276.1	268.4	260.6	258.7	246.1	229.4	221.0	215.1
150°	252.8	254.4	260.7	267.0	260.7	254.4	252.8	242.2	228.1	221.0	215.9
152.5°	248.2	249.4	254.1	258.9	254.1	249.4	248.2	239.1	227.0	221.0	216.4
155°	242.6	243.4	246.5	249.7	246.5	243.4	242.6	235.4	225.8	221.0	217.5
157.5°	237.8	238.4	240.6	242.8	240.6	238.4	237.8	232.2	224.7	221.0	218.6
160°	235.4	235.7	237.0	238.3	237.0	235.7	235.4	230.6	224.2	221.0	219.1
162.5°	233.2	233.5	234.7	235.9	234.7	233.5	233.2	229.1	223.7	221.0	219.6
165°	229.7	230.0	231.3	232.6	231.3	230.0	229.7	226.8	222.9	221.0	220.4
167.5°	228.2	228.3	228.9	229.4	228.9	228.3	228.2	226.3	223.8	222.5	222.0
170°	228.2	228.2	228.2	228.2	228.2	228.2	228.2	226.3	223.8	222.5	222.5
172.5°	227.0	226.9	226.4	226.0	226.4	226.9	227.0	225.5	223.5	222.5	222.5
175°	225.4	225.4	225.4	225.4	225.4	225.4	225.4	224.4	223.1	222.5	222.8
177.5°	225.1	225.0	224.4	223.9	224.4	225.0	225.1	224.3	223.3	222.8	223.0
180°	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9	223.9



TEST NUMBER: P934115
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2682.8	2682.8	2682.8	2682.8	2682.8
2.5°	2649.8	2662.5	2670.1	2680.3	2705.6
5°	2548.3	2596.5	2611.7	2649.8	2695.5
7.5°	2324.9	2472.1	2512.7	2604.1	2675.2
10°	2109.2	2256.4	2327.5	2543.2	2649.8
12.5°	2000.0	2086.3	2134.6	2436.6	2614.3
15°	1931.5	1992.4	2028.0	2294.5	2573.7
17.5°	1878.2	1921.4	1946.7	2154.9	2517.8
20°	1845.2	1865.5	1888.4	2053.3	2454.4
22.5°	1822.4	1809.7	1827.4	1982.3	2368.1
25°	1807.1	1758.9	1779.2	1926.4	2266.5
27.5°	1819.8	1713.2	1720.8	1875.7	2159.9
30°	1822.4	1657.4	1659.9	1822.4	2040.6
32.5°	1804.6	1599.0	1601.6	1756.4	1906.1
35°	1761.5	1530.5	1527.9	1680.2	1723.4
37.5°	1703.1	1456.9	1456.9	1596.5	1522.9
40°	1632.0	1383.3	1390.9	1487.3	1345.2
42.5°	1545.7	1304.6	1314.7	1342.7	1213.2
45°	1451.8	1228.4	1236.1	1134.5	1111.7
47.5°	1347.7	1149.8	1152.3	941.6	1078.7
50°	1223.4	1068.5	1058.4	807.1	1076.2
52.5°	1114.2	979.7	949.3	731.0	977.2
55°	1007.6	885.8	819.8	672.6	906.1
57.5°	913.7	764.0	700.5	604.1	890.9
60°	827.4	644.7	596.5	530.5	817.3
62.5°	756.4	555.8	545.7	479.7	741.1
65°	680.2	494.9	492.4	436.6	629.5
67.5°	606.6	454.3	451.8	395.9	479.7
70°	527.9	411.2	406.1	352.8	355.3
72.5°	446.7	363.0	357.9	317.3	294.4
75°	365.5	307.1	304.6	276.7	238.6
77.5°	286.8	243.7	248.7	223.4	175.1
80°	205.6	177.7	182.7	159.9	132.0
82.5°	137.1	116.8	121.8	101.5	88.8
85°	76.1	66.0	68.5	53.3	40.6
87.5°	35.5	30.5	30.5	20.3	12.7
90°	6.6	4.2	3.9	2.7	1.5
92.5°	40.8	29.0	26.4	16.2	6.0
95°	100.3	56.5	51.8	33.1	14.4
97.5°	135.1	62.0	57.9	41.4	24.9
100°	147.8	66.7	63.0	48.0	33.1
102.5°	153.6	71.4	67.9	54.0	40.0
105°	157.9	78.3	75.3	63.5	51.7
107.5°	158.7	88.5	85.7	74.7	63.7
110°	157.5	94.2	91.7	81.8	71.8



TEST NUMBER: P934115

CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	157.5	101.1	98.7	89.3	79.8
115°	159.0	111.5	109.3	100.6	91.8
117.5°	161.9	121.5	119.5	111.6	103.7
120°	164.4	127.4	125.5	118.1	110.6
122.5°	167.8	134.3	132.4	124.9	117.3
125°	172.5	143.2	141.5	134.6	127.7
127.5°	177.1	151.7	150.0	143.0	136.1
130°	180.5	157.4	155.5	148.1	140.6
132.5°	183.3	162.1	160.2	152.8	145.3
135°	186.3	167.5	165.8	159.0	152.2
137.5°	190.8	174.4	172.7	166.0	159.3
140°	193.6	179.1	177.5	171.3	165.1
142.5°	195.8	182.5	181.1	175.3	169.6
145°	198.9	187.8	186.5	181.5	176.5
147.5°	203.3	194.4	193.2	188.3	183.4
150°	205.6	197.9	196.8	192.3	187.9
152.5°	207.1	200.1	199.3	195.9	192.6
155°	210.4	205.1	204.5	202.0	199.5
157.5°	213.7	210.0	209.4	207.0	204.6
160°	215.2	212.3	211.8	210.0	208.1
162.5°	216.8	214.7	214.3	212.9	211.5
165°	219.1	218.1	217.8	216.5	215.3
167.5°	220.9	220.1	219.9	219.3	218.7
170°	222.4	222.3	222.2	221.6	221.0
172.5°	222.5	222.5	222.5	222.3	222.2
175°	223.4	223.9	223.9	223.9	223.9
177.5°	223.5	223.9	223.9	223.9	223.9
180°	223.9	223.9	223.9	223.9	223.9



TEST NUMBER: P934115
 CATALOG NUMBER: SQ4-FA-025U-125D-835-1D-UNV-STD-W-6

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	17.17	18.43	17.79	19.06	19.77	20.00	21.26	20.61	21.88	22.59
	3H	17.68	18.81	18.31	19.45	20.19	21.37	22.50	22.00	23.14	23.89
	4H	17.89	18.96	18.54	19.60	20.36	21.83	22.90	22.48	23.55	24.31
	6H	18.03	19.01	18.69	19.67	20.45	22.14	23.12	22.80	23.78	24.56
	8H	18.04	18.98	18.71	19.66	20.44	22.22	23.16	22.89	23.84	24.62
	12H	18.02	18.92	18.70	19.60	20.40	22.27	23.17	22.95	23.84	24.65
4H	2H	18.25	19.32	18.90	19.97	20.73	20.45	21.52	21.10	22.17	22.93
	3H	19.31	20.20	19.98	20.89	21.67	21.99	22.88	22.66	23.57	24.35
	4H	19.61	20.41	20.29	21.11	21.92	22.54	23.34	23.22	24.04	24.85
	6H	19.75	20.45	20.46	21.17	21.99	22.92	23.62	23.62	24.34	25.16
	8H	19.77	20.42	20.48	21.14	21.97	23.04	23.69	23.74	24.41	25.24
	12H	19.76	20.34	20.48	21.08	21.92	23.11	23.70	23.84	24.44	25.28
8H	4H	20.09	20.75	20.80	21.46	22.29	22.69	23.35	23.40	24.06	24.89
	6H	20.37	20.91	21.11	21.67	22.50	23.15	23.69	23.88	24.44	25.28
	8H	20.42	20.90	21.16	21.66	22.51	23.30	23.78	24.05	24.54	25.39
	12H	20.42	20.84	21.17	21.59	22.51	23.42	23.84	24.17	24.59	25.50
12H	4H	20.12	20.70	20.84	21.44	22.28	22.68	23.27	23.40	24.00	24.84
	6H	20.43	20.92	21.18	21.68	22.53	23.15	23.63	23.89	24.39	25.24
	8H	20.52	20.94	21.27	21.69	22.61	23.32	23.75	24.07	24.50	25.41