

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: P935371

Luminaire Tested: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935371
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

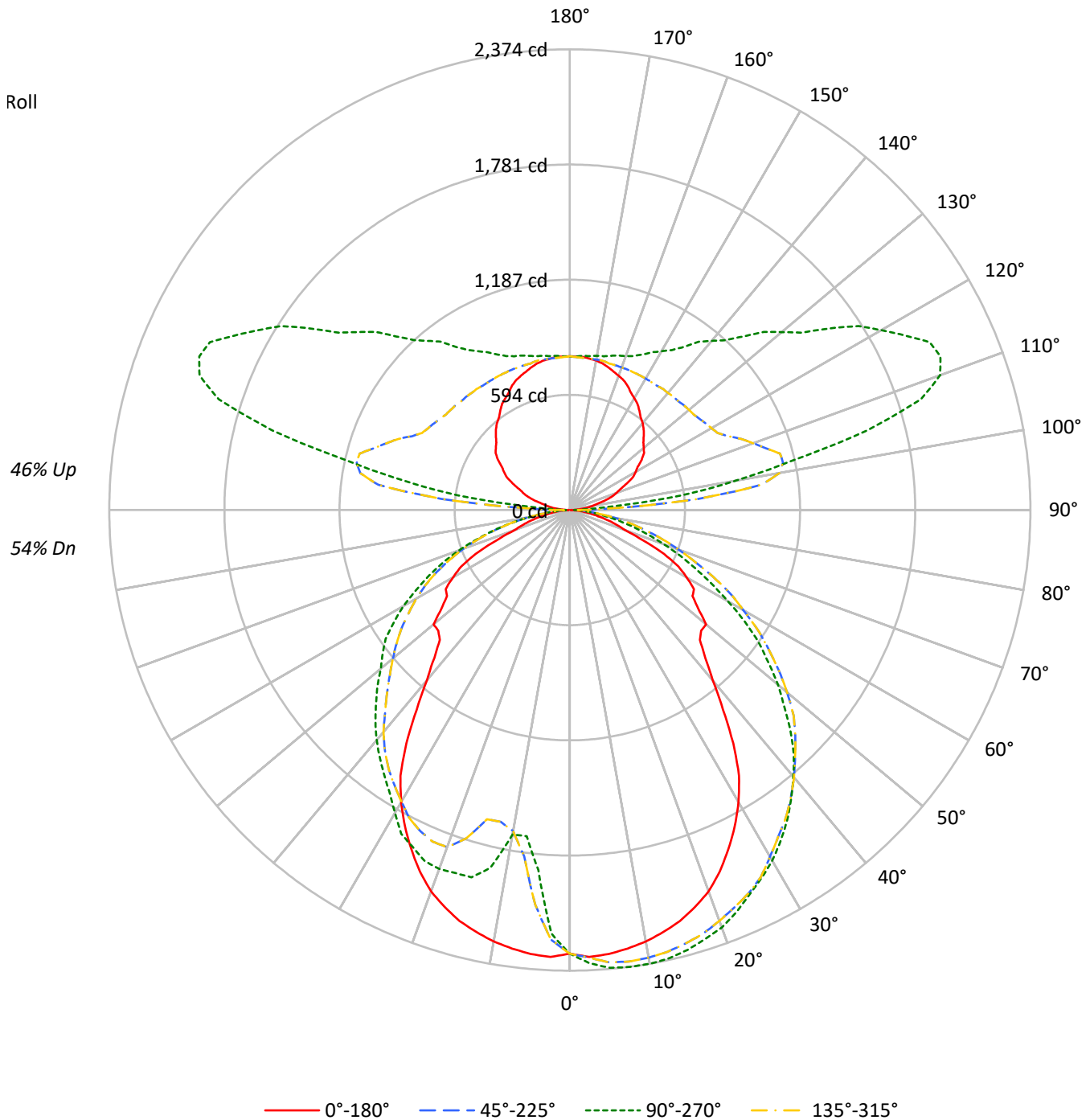
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11064.1 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.2
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: P935371
CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54				54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45				45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38				38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32				32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28				28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24				24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21				21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19				19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17				17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15				15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13				13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14140	14140	14140	14140
5°	14241	14274	14241	11223
10°	14140	14060	14140	10052
15°	13981	13756	13981	11486
20°	13683	13395	13683	11510
25°	13079	12868	13079	11266
30°	12301	12431	12301	10731
35°	10961	11879	10961	10142
40°	9128	11228	9128	9697
45°	8151	10466	8151	9186
50°	8652	9558	8652	8673
55°	8133	8579	8133	8376
60°	8373	7287	8373	7672
65°	7579	6023	7579	6733
70°	5235	4800	5235	5643
75°	4575	3548	4575	4250
80°	3662	2346	3662	2554
85°	2063	1242	2063	1056

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12500 cd/sqm



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.3	1.9
10°-20°	585.8	5.3
20°-30°	905.6	8.2
30°-40°	1081.1	9.8
40°-50°	1087.4	9.8
50°-60°	946.2	8.6
60°-70°	670.8	6.1
70°-80°	354.9	3.2
80°-90°	91.4	0.8
90°-100°	386.1	3.5
100°-110°	1015.0	9.2
110°-120°	1052.5	9.5
120°-130°	844.2	7.6
130°-140°	662.4	6.0
140°-150°	508.4	4.6
150°-160°	366.2	3.3
160°-170°	224.0	2.0
170°-180°	75.7	0.7
0°-30°	1697.7	15.3
0°-40°	2778.8	25.1
0°-60°	4812.3	43.5
0°-90°	5929.5	53.6
90°-120°	2453.6	22.2
90°-150°	4468.7	40.4
90°-180°	5135.0	46.4
0°-180°	11064.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2286	2286	2286	2286	2286	
5°	2297	2368	2297	1862	2297	218
15°	2193	2346	2193	1959	2193	617
25°	1931	2188	1931	1916	1931	887
35°	1468	1953	1468	1667	1468	908
45°	947	1609	947	1412	947	759
55°	772	1187	772	1159	772	709
65°	536	716	536	800	536	513
75°	203	340	203	407	203	214
85°	35	86	35	74	35	47
90°	5	20	5	20	5	6
95°	51	233	51	233	51	57
105°	183	1589	183	1589	183	194
115°	325	2047	325	2047	325	321
125°	452	1630	452	1630	452	401
135°	538	1265	538	1265	538	417
145°	625	1026	625	1026	625	391
155°	706	883	706	883	706	324
165°	762	823	762	823	762	215
175°	792	797	792	797	792	75
180°	792	792	792	792	792	



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2305.2	2305.2	2318.2	2322.5	2322.5	2316.0	2309.5	2316.0	2335.5	2342.0	2339.8
5°	2296.6	2313.9	2337.6	2342.0	2346.3	2344.1	2339.8	2344.1	2365.7	2370.1	2372.2
7.5°	2279.3	2311.6	2342.0	2348.5	2354.9	2348.5	2346.3	2350.6	2372.2	2376.6	2376.6
10°	2257.6	2303.0	2337.6	2342.0	2348.5	2342.0	2342.0	2350.6	2372.2	2376.6	2378.7
12.5°	2227.4	2290.1	2322.5	2326.8	2335.5	2333.3	2331.2	2339.8	2361.4	2365.7	2365.7
15°	2192.8	2266.2	2296.6	2300.9	2316.0	2311.6	2311.6	2320.3	2344.1	2350.6	2348.5
17.5°	2145.2	2236.0	2270.6	2277.1	2287.9	2285.7	2287.9	2296.6	2318.2	2322.5	2324.7
20°	2091.1	2194.9	2236.0	2242.5	2253.3	2253.3	2253.3	2264.1	2285.7	2294.4	2294.4
22.5°	2017.6	2151.6	2194.9	2199.3	2212.2	2212.2	2216.6	2231.6	2251.2	2253.3	2253.3
25°	1931.1	2104.1	2140.8	2153.9	2166.8	2173.3	2179.8	2188.4	2194.9	2192.8	2194.9
27.5°	1840.2	2043.5	2091.1	2099.8	2117.0	2123.5	2132.2	2134.3	2136.6	2143.0	2138.7
30°	1738.6	1959.2	2030.6	2039.2	2067.3	2071.6	2063.0	2067.3	2078.1	2082.5	2086.8
32.5°	1624.0	1833.8	1967.9	1987.3	2013.3	2000.3	1998.1	2004.6	2021.9	2021.9	2026.2
35°	1468.3	1736.5	1909.5	1926.8	1946.2	1931.1	1939.7	1941.9	1952.7	1959.2	1957.0
37.5°	1297.5	1652.1	1848.9	1861.9	1877.0	1857.5	1870.6	1877.0	1885.6	1881.4	1881.4
40°	1146.1	1520.2	1777.5	1786.2	1799.2	1784.0	1797.0	1801.4	1805.6	1801.4	1799.2
42.5°	1033.6	1375.3	1701.9	1712.7	1704.0	1714.8	1719.2	1727.9	1721.3	1712.7	1712.7
45°	947.2	1336.4	1619.7	1632.7	1619.7	1637.0	1643.5	1643.5	1624.0	1619.7	1617.5
47.5°	919.1	1258.6	1537.5	1537.5	1531.0	1552.7	1563.5	1548.3	1528.8	1522.4	1522.4
50°	916.9	1172.1	1425.1	1416.4	1446.7	1472.7	1461.9	1446.7	1431.5	1407.8	1407.8
52.5°	832.6	1066.1	1280.2	1312.6	1360.2	1375.3	1358.0	1342.9	1316.9	1306.1	1297.5
55°	772.0	955.8	1148.2	1213.2	1262.9	1282.3	1249.9	1234.8	1195.9	1189.4	1185.0
57.5°	759.0	795.8	1027.2	1109.4	1169.9	1167.8	1148.2	1120.1	1087.7	1081.3	1079.1
60°	696.3	575.2	897.4	994.7	1057.4	1050.9	1033.6	1007.7	977.4	973.2	968.8
62.5°	631.4	417.4	750.4	860.7	949.3	947.2	932.0	893.1	871.5	860.7	852.0
65°	536.3	350.3	534.1	715.8	843.4	847.7	815.3	787.2	763.4	750.4	748.2
67.5°	408.7	285.4	361.2	596.8	741.8	737.4	696.3	683.3	653.1	646.6	633.6
70°	302.7	190.3	250.8	484.4	642.2	631.4	599.0	583.9	555.8	540.6	532.0
72.5°	250.8	153.5	183.8	376.2	540.6	527.6	499.5	482.2	458.5	445.5	436.8
75°	203.3	162.2	140.6	278.9	439.0	430.3	404.4	387.1	367.6	350.3	352.5
77.5°	149.2	151.4	112.5	205.4	348.1	335.2	320.0	298.5	289.8	272.5	272.5
80°	112.5	118.9	84.3	140.6	250.8	250.8	237.9	222.7	207.6	198.9	198.9
82.5°	75.7	75.7	62.7	88.7	170.8	164.4	155.7	151.4	142.7	138.4	138.4
85°	34.6	43.3	38.9	54.1	93.0	97.3	97.3	93.0	90.8	86.5	88.7
87.5°	10.8	19.4	23.8	30.2	47.5	49.8	51.9	51.9	51.9	54.1	54.1
90°	5.3	9.5	13.8	14.9	23.4	34.8	40.4	35.9	26.9	20.2	20.2
92.5°	21.3	57.4	93.5	102.6	144.2	199.7	227.5	199.4	143.1	101.0	97.0
95°	51.0	117.2	183.4	199.9	354.9	561.6	665.0	593.4	450.2	342.8	330.7
97.5°	88.3	146.6	205.0	219.6	478.1	822.8	995.1	949.9	859.4	791.5	768.3
100°	117.0	169.9	222.8	236.0	522.9	905.3	1096.6	1099.9	1106.6	1111.5	1083.9
102.5°	141.4	190.8	240.2	252.5	543.5	931.4	1125.3	1183.0	1298.3	1384.8	1361.2
105°	182.8	224.7	266.5	277.0	558.7	934.4	1122.2	1251.4	1509.8	1703.7	1691.0
107.5°	225.4	264.4	303.4	313.1	561.6	892.7	1058.4	1238.6	1599.1	1869.5	1872.6
110°	254.1	289.3	324.5	333.3	557.3	855.9	1005.2	1206.7	1609.8	1912.1	1925.3



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	282.3	315.8	349.4	357.8	557.5	823.7	956.8	1163.1	1575.6	1885.0	1905.2
115°	324.8	355.7	386.6	394.4	562.6	786.7	898.9	1097.5	1495.0	1793.0	1821.2
117.5°	366.8	394.9	423.0	430.0	573.0	763.6	859.0	1038.3	1396.9	1665.9	1697.2
120°	391.2	417.7	444.1	450.8	581.6	755.9	843.1	1006.9	1334.6	1580.4	1610.7
122.5°	415.2	441.8	468.6	475.2	593.8	751.8	830.9	978.4	1273.5	1494.7	1524.7
125°	451.8	476.2	500.6	506.6	610.3	748.5	817.6	942.9	1193.6	1381.6	1409.2
127.5°	481.6	506.2	530.8	536.9	626.7	746.5	806.4	914.0	1129.2	1290.7	1314.0
130°	497.6	524.1	550.5	557.1	638.8	747.7	802.2	897.9	1089.5	1233.3	1254.7
132.5°	514.0	540.5	566.9	573.6	648.5	748.5	798.4	884.2	1055.7	1184.4	1203.6
135°	538.5	562.6	586.7	592.7	659.2	747.7	792.0	863.8	1007.5	1115.3	1131.9
137.5°	563.4	587.3	611.2	617.2	675.1	752.4	791.0	851.7	973.2	1064.2	1077.8
140°	584.2	606.2	628.2	633.6	684.8	753.1	787.2	839.7	944.6	1023.3	1035.9
142.5°	600.1	620.5	640.8	645.9	693.0	755.8	787.2	833.3	925.4	994.5	1005.4
145°	624.6	642.3	660.0	664.5	703.7	755.9	782.0	819.6	895.0	951.5	959.8
147.5°	649.1	666.3	683.5	687.8	719.2	761.0	782.0	811.6	870.9	915.4	922.2
150°	665.0	680.6	696.2	700.1	727.4	763.7	782.0	807.0	857.0	894.6	900.1
152.5°	681.5	693.4	705.1	708.1	732.7	765.5	782.0	803.4	846.1	878.2	882.3
155°	706.0	714.7	723.3	725.6	744.4	769.4	782.0	799.0	833.0	858.5	861.3
157.5°	724.0	732.5	741.0	743.1	756.1	773.4	782.0	795.2	821.7	841.5	843.5
160°	736.2	742.9	749.5	751.1	761.4	775.1	782.0	793.3	816.0	833.0	834.1
162.5°	748.5	753.4	758.4	759.6	767.1	777.0	782.0	791.5	810.7	825.0	826.0
165°	761.8	766.2	770.7	771.8	775.2	779.8	782.0	788.8	802.5	812.8	813.9
167.5°	774.0	776.1	778.2	778.7	781.5	785.4	787.2	791.8	800.7	807.4	808.0
170°	782.0	784.1	786.2	786.7	786.9	787.2	787.2	791.8	800.7	807.4	807.4
172.5°	786.2	786.7	787.2	787.2	787.2	787.2	787.2	790.8	797.9	803.2	802.8
175°	792.0	792.0	792.0	792.0	790.4	788.3	787.2	789.5	794.0	797.4	797.4
177.5°	792.0	792.0	792.0	792.0	790.8	789.2	788.4	790.1	793.6	796.3	795.8
180°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2344.1	2337.6	2344.1	2339.8	2342.0	2335.5	2316.0	2309.5	2316.0	2322.5	2322.5
5°	2372.2	2367.9	2372.2	2372.2	2370.1	2365.7	2344.1	2339.8	2344.1	2346.3	2342.0
7.5°	2380.9	2374.4	2380.9	2376.6	2376.6	2372.2	2350.6	2346.3	2348.5	2354.9	2348.5
10°	2380.9	2374.4	2380.9	2378.7	2376.6	2372.2	2350.6	2342.0	2342.0	2348.5	2342.0
12.5°	2370.1	2365.7	2370.1	2365.7	2365.7	2361.4	2339.8	2331.2	2333.3	2335.5	2326.8
15°	2352.8	2346.3	2352.8	2348.5	2350.6	2344.1	2320.3	2311.6	2311.6	2316.0	2300.9
17.5°	2326.8	2318.2	2326.8	2324.7	2322.5	2318.2	2296.6	2287.9	2285.7	2287.9	2277.1
20°	2296.6	2290.1	2296.6	2294.4	2294.4	2285.7	2264.1	2253.3	2253.3	2253.3	2242.5
22.5°	2248.9	2242.5	2248.9	2253.3	2253.3	2251.2	2231.6	2216.6	2212.2	2212.2	2199.3
25°	2194.9	2188.4	2194.9	2194.9	2192.8	2194.9	2188.4	2179.8	2173.3	2166.8	2153.9
27.5°	2143.0	2138.7	2143.0	2138.7	2143.0	2136.6	2134.3	2132.2	2123.5	2117.0	2099.8
30°	2091.1	2086.8	2091.1	2086.8	2082.5	2078.1	2067.3	2063.0	2071.6	2067.3	2039.2
32.5°	2026.2	2021.9	2026.2	2026.2	2021.9	2021.9	2004.6	1998.1	2000.3	2013.3	1987.3
35°	1959.2	1952.7	1959.2	1957.0	1959.2	1952.7	1941.9	1939.7	1931.1	1946.2	1926.8
37.5°	1881.4	1874.8	1881.4	1881.4	1881.4	1885.6	1877.0	1870.6	1857.5	1877.0	1861.9
40°	1801.4	1792.7	1801.4	1799.2	1801.4	1805.6	1801.4	1797.0	1784.0	1799.2	1786.2
42.5°	1710.6	1708.3	1710.6	1712.7	1712.7	1721.3	1727.9	1719.2	1714.8	1704.0	1712.7
45°	1613.2	1608.9	1613.2	1617.5	1619.7	1624.0	1643.5	1643.5	1637.0	1619.7	1632.7
47.5°	1509.4	1498.6	1509.4	1522.4	1522.4	1528.8	1548.3	1563.5	1552.7	1531.0	1537.5
50°	1399.2	1401.3	1399.2	1407.8	1407.8	1431.5	1446.7	1461.9	1472.7	1446.7	1416.4
52.5°	1291.0	1288.8	1291.0	1297.5	1306.1	1316.9	1342.9	1358.0	1375.3	1360.2	1312.6
55°	1182.8	1187.2	1182.8	1185.0	1189.4	1195.9	1234.8	1249.9	1282.3	1262.9	1213.2
57.5°	1074.7	1068.2	1074.7	1079.1	1081.3	1087.7	1120.1	1148.2	1167.8	1169.9	1109.4
60°	949.3	940.7	949.3	968.8	973.2	977.4	1007.7	1033.6	1050.9	1057.4	994.7
62.5°	839.0	823.9	839.0	852.0	860.7	871.5	893.1	932.0	947.2	949.3	860.7
65°	722.2	715.8	722.2	748.2	750.4	763.4	787.2	815.3	847.7	843.4	715.8
67.5°	616.3	616.3	616.3	633.6	646.6	653.1	683.3	696.3	737.4	741.8	596.8
70°	519.0	516.8	519.0	532.0	540.6	555.8	583.9	599.0	631.4	642.2	484.4
72.5°	426.0	423.9	426.0	436.8	445.5	458.5	482.2	499.5	527.6	540.6	376.2
75°	343.9	339.5	343.9	352.5	350.3	367.6	387.1	404.4	430.3	439.0	278.9
77.5°	263.9	263.9	263.9	272.5	272.5	289.8	298.5	320.0	335.2	348.1	205.4
80°	196.8	194.6	196.8	198.9	198.9	207.6	222.7	237.9	250.8	250.8	140.6
82.5°	138.4	134.1	138.4	138.4	138.4	142.7	151.4	155.7	164.4	170.8	88.7
85°	86.5	86.5	86.5	88.7	86.5	90.8	93.0	97.3	97.3	93.0	54.1
87.5°	56.2	54.1	56.2	54.1	54.1	51.9	51.9	51.9	49.8	47.5	30.2
90°	20.2	20.2	20.2	20.2	20.2	26.9	35.9	40.4	34.8	23.4	14.9
92.5°	80.9	64.8	80.9	97.0	101.0	143.1	199.4	227.5	199.7	144.2	102.6
95°	282.0	233.4	282.0	330.7	342.8	450.2	593.4	665.0	561.6	354.9	199.9
97.5°	675.7	583.1	675.7	768.3	791.5	859.4	949.9	995.1	822.8	478.1	219.6
100°	973.6	863.2	973.6	1083.9	1111.5	1106.6	1099.9	1096.6	905.3	522.9	236.0
102.5°	1266.6	1172.1	1266.6	1361.2	1384.8	1298.3	1183.0	1125.3	931.4	543.5	252.5
105°	1640.2	1589.4	1640.2	1691.0	1703.7	1509.8	1251.4	1122.2	934.4	558.7	277.0
107.5°	1885.0	1897.2	1885.0	1872.6	1869.5	1599.1	1238.6	1058.4	892.7	561.6	313.1
110°	1978.3	2031.2	1978.3	1925.3	1912.1	1609.8	1206.7	1005.2	855.9	557.3	333.3



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1986.5	2067.8	1986.5	1905.2	1885.0	1575.6	1163.1	956.8	823.7	557.5	357.8
115°	1933.9	2046.6	1933.9	1821.2	1793.0	1495.0	1097.5	898.9	786.7	562.6	394.4
117.5°	1822.2	1947.2	1822.2	1697.2	1665.9	1396.9	1038.3	859.0	763.6	573.0	430.0
120°	1732.2	1853.6	1732.2	1610.7	1580.4	1334.6	1006.9	843.1	755.9	581.6	450.8
122.5°	1644.5	1764.3	1644.5	1524.7	1494.7	1273.5	978.4	830.9	751.8	593.8	475.2
125°	1519.5	1629.8	1519.5	1409.2	1381.6	1193.6	942.9	817.6	748.5	610.3	506.6
127.5°	1407.1	1500.1	1407.1	1314.0	1290.7	1129.2	914.0	806.4	746.5	626.7	536.9
130°	1340.8	1426.8	1340.8	1254.7	1233.3	1089.5	897.9	802.2	747.7	638.8	557.1
132.5°	1280.6	1357.7	1280.6	1203.6	1184.4	1055.7	884.2	798.4	748.5	648.5	573.6
135°	1198.3	1264.6	1198.3	1131.9	1115.3	1007.5	863.8	792.0	747.7	659.2	592.7
137.5°	1132.1	1186.5	1132.1	1077.8	1064.2	973.2	851.7	791.0	752.4	675.1	617.2
140°	1086.8	1137.6	1086.8	1035.9	1023.3	944.6	839.7	787.2	753.1	684.8	633.6
142.5°	1049.2	1092.9	1049.2	1005.4	994.5	925.4	833.3	787.2	755.8	693.0	645.9
145°	992.9	1026.0	992.9	959.8	951.5	895.0	819.6	782.0	755.9	703.7	664.5
147.5°	949.6	977.1	949.6	922.2	915.4	870.9	811.6	782.0	761.0	719.2	687.8
150°	922.4	944.6	922.4	900.1	894.6	857.0	807.0	782.0	763.7	727.4	700.1
152.5°	899.1	915.9	899.1	882.3	878.2	846.1	803.4	782.0	765.5	732.7	708.1
155°	872.4	883.4	872.4	861.3	858.5	833.0	799.0	782.0	769.4	744.4	725.6
157.5°	851.2	859.0	851.2	843.5	841.5	821.7	795.2	782.0	773.4	756.1	743.1
160°	838.6	843.1	838.6	834.1	833.0	816.0	793.3	782.0	775.1	761.4	751.1
162.5°	830.3	834.5	830.3	826.0	825.0	810.7	791.5	782.0	777.0	767.1	759.6
165°	818.4	822.9	818.4	813.9	812.8	802.5	788.8	782.0	779.8	775.2	771.8
167.5°	809.8	811.7	809.8	808.0	807.4	800.7	791.8	787.2	785.4	781.5	778.7
170°	807.4	807.4	807.4	807.4	807.4	800.7	791.8	787.2	787.2	786.9	786.7
172.5°	801.1	799.5	801.1	802.8	803.2	797.9	790.8	787.2	787.2	787.2	787.2
175°	797.4	797.4	797.4	797.4	797.4	794.0	789.5	787.2	788.3	790.4	792.0
177.5°	793.9	792.0	793.9	795.8	796.3	793.6	790.1	788.4	789.2	790.8	792.0
180°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2318.2	2305.2	2305.2	2283.6	2274.9	2268.4	2257.6	2225.2	2216.6	2207.9	2220.8
5°	2337.6	2313.9	2296.6	2257.6	2225.2	2212.2	2171.2	2093.3	2041.4	2002.5	1980.8
7.5°	2342.0	2311.6	2279.3	2218.7	2140.8	2106.2	1980.8	1838.1	1799.2	1764.6	1742.9
10°	2337.6	2303.0	2257.6	2166.8	1983.0	1922.5	1797.0	1704.0	1680.2	1673.8	1680.2
12.5°	2322.5	2290.1	2227.4	2076.0	1818.7	1777.5	1704.0	1650.0	1645.6	1656.5	1714.8
15°	2296.6	2266.2	2192.8	1954.9	1727.9	1697.5	1645.6	1626.2	1650.0	1725.6	1900.8
17.5°	2270.6	2236.0	2145.2	1836.0	1658.6	1637.0	1600.2	1639.2	1773.3	1874.8	1933.3
20°	2236.0	2194.9	2091.1	1749.4	1608.9	1589.4	1572.1	1747.3	1848.9	1885.6	1918.1
22.5°	2194.9	2151.6	2017.6	1688.9	1556.9	1541.9	1552.7	1807.9	1848.9	1874.8	1902.9
25°	2140.8	2104.1	1931.1	1641.3	1515.9	1498.6	1539.6	1801.4	1825.2	1831.6	1887.9
27.5°	2091.1	2043.5	1840.2	1598.1	1466.1	1459.6	1550.5	1773.3	1790.6	1797.0	1857.5
30°	2030.6	1959.2	1738.6	1552.7	1414.2	1412.1	1552.7	1738.6	1734.3	1751.6	1812.1
32.5°	1967.9	1833.8	1624.0	1496.5	1364.6	1362.3	1537.5	1686.7	1682.4	1706.2	1751.6
35°	1909.5	1736.5	1468.3	1431.5	1301.8	1304.0	1500.8	1626.2	1628.3	1650.0	1678.1
37.5°	1848.9	1652.1	1297.5	1360.2	1241.3	1241.3	1451.0	1570.0	1565.6	1572.1	1611.0
40°	1777.5	1520.2	1146.1	1267.2	1185.0	1178.6	1390.5	1509.4	1494.2	1492.1	1546.2
42.5°	1701.9	1375.3	1033.6	1144.0	1120.1	1111.5	1316.9	1435.9	1407.8	1414.2	1483.4
45°	1619.7	1336.4	947.2	966.6	1053.2	1046.6	1236.9	1351.5	1332.1	1349.4	1420.7
47.5°	1537.5	1258.6	919.1	802.2	981.8	979.6	1148.2	1269.4	1258.6	1275.9	1351.5
50°	1425.1	1172.1	916.9	687.6	901.8	910.4	1042.3	1189.4	1189.4	1204.5	1284.5
52.5°	1280.2	1066.1	832.6	622.8	808.8	834.7	949.3	1120.1	1124.5	1139.6	1210.9
55°	1148.2	955.8	772.0	573.1	698.5	754.7	858.5	1048.8	1057.4	1072.6	1137.4
57.5°	1027.2	795.8	759.0	514.7	596.8	650.9	778.5	979.6	983.9	996.9	1059.6
60°	897.4	575.2	696.3	452.0	508.2	549.3	704.9	897.4	912.6	921.2	975.3
62.5°	750.4	417.4	631.4	408.7	464.9	473.5	644.5	819.5	839.0	845.5	878.0
65°	534.1	350.3	536.3	372.0	419.5	421.7	579.5	739.5	756.8	767.7	791.5
67.5°	361.2	285.4	408.7	337.3	384.9	387.1	516.8	646.6	670.4	679.0	694.1
70°	250.8	190.3	302.7	300.6	346.0	350.3	449.8	562.2	583.9	590.4	599.0
72.5°	183.8	153.5	250.8	270.3	304.9	309.3	380.6	467.1	488.7	495.2	499.5
75°	140.6	162.2	203.3	235.7	259.5	261.6	311.4	380.6	395.8	400.1	402.2
77.5°	112.5	151.4	149.2	190.3	211.9	207.6	244.4	294.1	307.1	307.1	307.1
80°	84.3	118.9	112.5	136.2	155.7	151.4	175.2	209.8	214.1	218.4	216.2
82.5°	62.7	75.7	75.7	86.5	103.8	99.5	116.8	136.2	136.2	136.2	140.6
85°	38.9	43.3	34.6	45.4	58.4	56.2	64.8	73.5	75.7	75.7	71.4
87.5°	23.8	19.4	10.8	17.3	26.0	26.0	30.2	32.5	30.2	30.2	30.2
90°	13.8	9.5	5.3	9.5	13.8	14.9	23.4	34.8	40.4	35.9	26.9
92.5°	93.5	57.4	21.3	57.4	93.5	102.6	144.2	199.7	227.5	199.4	143.1
95°	183.4	117.2	51.0	117.2	183.4	199.9	354.9	561.6	665.0	593.4	450.2
97.5°	205.0	146.6	88.3	146.6	205.0	219.6	478.1	822.8	995.1	949.9	859.4
100°	222.8	169.9	117.0	169.9	222.8	236.0	522.9	905.3	1096.6	1099.9	1106.6
102.5°	240.2	190.8	141.4	190.8	240.2	252.5	543.5	931.4	1125.3	1183.0	1298.3
105°	266.5	224.7	182.8	224.7	266.5	277.0	558.7	934.4	1122.2	1251.4	1509.8
107.5°	303.4	264.4	225.4	264.4	303.4	313.1	561.6	892.7	1058.4	1238.6	1599.1
110°	324.5	289.3	254.1	289.3	324.5	333.3	557.3	855.9	1005.2	1206.7	1609.8



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	349.4	315.8	282.3	315.8	349.4	357.8	557.5	823.7	956.8	1163.1	1575.6
115°	386.6	355.7	324.8	355.7	386.6	394.4	562.6	786.7	898.9	1097.5	1495.0
117.5°	423.0	394.9	366.8	394.9	423.0	430.0	573.0	763.6	859.0	1038.3	1396.9
120°	444.1	417.7	391.2	417.7	444.1	450.8	581.6	755.9	843.1	1006.9	1334.6
122.5°	468.6	441.8	415.2	441.8	468.6	475.2	593.8	751.8	830.9	978.4	1273.5
125°	500.6	476.2	451.8	476.2	500.6	506.6	610.3	748.5	817.6	942.9	1193.6
127.5°	530.8	506.2	481.6	506.2	530.8	536.9	626.7	746.5	806.4	914.0	1129.2
130°	550.5	524.1	497.6	524.1	550.5	557.1	638.8	747.7	802.2	897.9	1089.5
132.5°	566.9	540.5	514.0	540.5	566.9	573.6	648.5	748.5	798.4	884.2	1055.7
135°	586.7	562.6	538.5	562.6	586.7	592.7	659.2	747.7	792.0	863.8	1007.5
137.5°	611.2	587.3	563.4	587.3	611.2	617.2	675.1	752.4	791.0	851.7	973.2
140°	628.2	606.2	584.2	606.2	628.2	633.6	684.8	753.1	787.2	839.7	944.6
142.5°	640.8	620.5	600.1	620.5	640.8	645.9	693.0	755.8	787.2	833.3	925.4
145°	660.0	642.3	624.6	642.3	660.0	664.5	703.7	755.9	782.0	819.6	895.0
147.5°	683.5	666.3	649.1	666.3	683.5	687.8	719.2	761.0	782.0	811.6	870.9
150°	696.2	680.6	665.0	680.6	696.2	700.1	727.4	763.7	782.0	807.0	857.0
152.5°	705.1	693.4	681.5	693.4	705.1	708.1	732.7	765.5	782.0	803.4	846.1
155°	723.3	714.7	706.0	714.7	723.3	725.6	744.4	769.4	782.0	799.0	833.0
157.5°	741.0	732.5	724.0	732.5	741.0	743.1	756.1	773.4	782.0	795.2	821.7
160°	749.5	742.9	736.2	742.9	749.5	751.1	761.4	775.1	782.0	793.3	816.0
162.5°	758.4	753.4	748.5	753.4	758.4	759.6	767.1	777.0	782.0	791.5	810.7
165°	770.7	766.2	761.8	766.2	770.7	771.8	775.2	779.8	782.0	788.8	802.5
167.5°	778.2	776.1	774.0	776.1	778.2	778.7	781.5	785.4	787.2	791.8	800.7
170°	786.2	784.1	782.0	784.1	786.2	786.7	786.9	787.2	787.2	791.8	800.7
172.5°	787.2	786.7	786.2	786.7	787.2	787.2	787.2	787.2	787.2	790.8	797.9
175°	792.0	792.0	792.0	792.0	792.0	792.0	790.4	788.3	787.2	789.5	794.0
177.5°	792.0	792.0	792.0	792.0	792.0	792.0	790.8	789.2	788.4	790.1	793.6
180°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2205.7	2199.3	2207.9	2184.1	2207.9	2199.3	2205.7	2220.8	2207.9	2216.6	2225.2
5°	1935.4	1924.6	1890.0	1861.9	1890.0	1924.6	1935.4	1980.8	2002.5	2041.4	2093.3
7.5°	1730.0	1721.3	1712.7	1695.4	1712.7	1721.3	1730.0	1742.9	1764.6	1799.2	1838.1
10°	1684.6	1686.7	1699.7	1697.5	1699.7	1686.7	1684.6	1680.2	1673.8	1680.2	1704.0
12.5°	1801.4	1820.8	1892.2	1887.9	1892.2	1820.8	1801.4	1714.8	1656.5	1645.6	1650.0
15°	1935.4	1941.9	1957.0	1959.2	1957.0	1941.9	1935.4	1900.8	1725.6	1650.0	1626.2
17.5°	1948.4	1950.6	1961.4	1961.4	1961.4	1950.6	1948.4	1933.3	1874.8	1773.3	1639.2
20°	1937.6	1941.9	1963.5	1967.9	1963.5	1941.9	1937.6	1918.1	1885.6	1848.9	1747.3
22.5°	1933.3	1941.9	1959.2	1957.0	1959.2	1941.9	1933.3	1902.9	1874.8	1848.9	1807.9
25°	1911.6	1911.6	1913.8	1916.0	1913.8	1911.6	1911.6	1887.9	1831.6	1825.2	1801.4
27.5°	1866.2	1870.6	1883.5	1881.4	1883.5	1870.6	1866.2	1857.5	1797.0	1790.6	1773.3
30°	1825.2	1820.8	1810.0	1801.4	1810.0	1820.8	1825.2	1812.1	1751.6	1734.3	1738.6
32.5°	1756.0	1745.2	1734.3	1727.9	1734.3	1745.2	1756.0	1751.6	1706.2	1682.4	1686.7
35°	1673.8	1675.9	1673.8	1667.3	1673.8	1675.9	1673.8	1678.1	1650.0	1628.3	1626.2
37.5°	1615.4	1619.7	1617.5	1608.9	1617.5	1619.7	1615.4	1611.0	1572.1	1565.6	1570.0
40°	1554.8	1556.9	1554.8	1548.3	1554.8	1556.9	1554.8	1546.2	1492.1	1494.2	1509.4
42.5°	1496.5	1494.2	1487.8	1483.4	1487.8	1494.2	1496.5	1483.4	1414.2	1407.8	1435.9
45°	1429.4	1431.5	1418.6	1412.1	1418.6	1431.5	1429.4	1420.7	1349.4	1332.1	1351.5
47.5°	1362.3	1362.3	1351.5	1345.1	1351.5	1362.3	1362.3	1351.5	1275.9	1258.6	1269.4
50°	1291.0	1288.8	1273.7	1271.5	1273.7	1288.8	1291.0	1284.5	1204.5	1189.4	1189.4
52.5°	1208.8	1208.8	1210.9	1215.3	1210.9	1208.8	1208.8	1210.9	1139.6	1124.5	1120.1
55°	1137.4	1139.6	1154.8	1159.1	1154.8	1139.6	1137.4	1137.4	1072.6	1057.4	1048.8
57.5°	1064.0	1064.0	1074.7	1074.7	1074.7	1064.0	1064.0	1059.6	996.9	983.9	979.6
60°	979.6	983.9	992.6	990.4	992.6	983.9	979.6	975.3	921.2	912.6	897.4
62.5°	890.9	895.3	897.4	893.1	897.4	895.3	890.9	878.0	845.5	839.0	819.5
65°	798.0	802.2	804.5	800.1	804.5	802.2	798.0	791.5	767.7	756.8	739.5
67.5°	702.8	700.6	698.5	707.2	698.5	700.6	702.8	694.1	679.0	670.4	646.6
70°	605.5	605.5	603.3	607.6	603.3	605.5	605.5	599.0	590.4	583.9	562.2
72.5°	501.7	499.5	508.2	501.7	508.2	499.5	501.7	499.5	495.2	488.7	467.1
75°	400.1	404.4	400.1	406.6	400.1	404.4	400.1	402.2	400.1	395.8	380.6
77.5°	304.9	309.3	304.9	304.9	304.9	309.3	304.9	307.1	307.1	307.1	294.1
80°	216.2	214.1	214.1	211.9	214.1	214.1	216.2	216.2	218.4	214.1	209.8
82.5°	138.4	136.2	136.2	140.6	136.2	136.2	138.4	140.6	136.2	136.2	136.2
85°	75.7	77.9	73.5	73.5	73.5	77.9	75.7	71.4	75.7	75.7	73.5
87.5°	28.1	26.0	26.0	26.0	26.0	26.0	28.1	30.2	30.2	30.2	32.5
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	26.9	35.9	40.4	34.8
92.5°	101.0	97.0	80.9	64.8	80.9	97.0	101.0	143.1	199.4	227.5	199.7
95°	342.8	330.7	282.0	233.4	282.0	330.7	342.8	450.2	593.4	665.0	561.6
97.5°	791.5	768.3	675.7	583.1	675.7	768.3	791.5	859.4	949.9	995.1	822.8
100°	1111.5	1083.9	973.6	863.2	973.6	1083.9	1111.5	1106.6	1099.9	1096.6	905.3
102.5°	1384.8	1361.2	1266.6	1172.1	1266.6	1361.2	1384.8	1298.3	1183.0	1125.3	931.4
105°	1703.7	1691.0	1640.2	1589.4	1640.2	1691.0	1703.7	1509.8	1251.4	1122.2	934.4
107.5°	1869.5	1872.6	1885.0	1897.2	1885.0	1872.6	1869.5	1599.1	1238.6	1058.4	892.7
110°	1912.1	1925.3	1978.3	2031.2	1978.3	1925.3	1912.1	1609.8	1206.7	1005.2	855.9



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1885.0	1905.2	1986.5	2067.8	1986.5	1905.2	1885.0	1575.6	1163.1	956.8	823.7
115°	1793.0	1821.2	1933.9	2046.6	1933.9	1821.2	1793.0	1495.0	1097.5	898.9	786.7
117.5°	1665.9	1697.2	1822.2	1947.2	1822.2	1697.2	1665.9	1396.9	1038.3	859.0	763.6
120°	1580.4	1610.7	1732.2	1853.6	1732.2	1610.7	1580.4	1334.6	1006.9	843.1	755.9
122.5°	1494.7	1524.7	1644.5	1764.3	1644.5	1524.7	1494.7	1273.5	978.4	830.9	751.8
125°	1381.6	1409.2	1519.5	1629.8	1519.5	1409.2	1381.6	1193.6	942.9	817.6	748.5
127.5°	1290.7	1314.0	1407.1	1500.1	1407.1	1314.0	1290.7	1129.2	914.0	806.4	746.5
130°	1233.3	1254.7	1340.8	1426.8	1340.8	1254.7	1233.3	1089.5	897.9	802.2	747.7
132.5°	1184.4	1203.6	1280.6	1357.7	1280.6	1203.6	1184.4	1055.7	884.2	798.4	748.5
135°	1115.3	1131.9	1198.3	1264.6	1198.3	1131.9	1115.3	1007.5	863.8	792.0	747.7
137.5°	1064.2	1077.8	1132.1	1186.5	1132.1	1077.8	1064.2	973.2	851.7	791.0	752.4
140°	1023.3	1035.9	1086.8	1137.6	1086.8	1035.9	1023.3	944.6	839.7	787.2	753.1
142.5°	994.5	1005.4	1049.2	1092.9	1049.2	1005.4	994.5	925.4	833.3	787.2	755.8
145°	951.5	959.8	992.9	1026.0	992.9	959.8	951.5	895.0	819.6	782.0	755.9
147.5°	915.4	922.2	949.6	977.1	949.6	922.2	915.4	870.9	811.6	782.0	761.0
150°	894.6	900.1	922.4	944.6	922.4	900.1	894.6	857.0	807.0	782.0	763.7
152.5°	878.2	882.3	899.1	915.9	899.1	882.3	878.2	846.1	803.4	782.0	765.5
155°	858.5	861.3	872.4	883.4	872.4	861.3	858.5	833.0	799.0	782.0	769.4
157.5°	841.5	843.5	851.2	859.0	851.2	843.5	841.5	821.7	795.2	782.0	773.4
160°	833.0	834.1	838.6	843.1	838.6	834.1	833.0	816.0	793.3	782.0	775.1
162.5°	825.0	826.0	830.3	834.5	830.3	826.0	825.0	810.7	791.5	782.0	777.0
165°	812.8	813.9	818.4	822.9	818.4	813.9	812.8	802.5	788.8	782.0	779.8
167.5°	807.4	808.0	809.8	811.7	809.8	808.0	807.4	800.7	791.8	787.2	785.4
170°	807.4	807.4	807.4	807.4	807.4	807.4	807.4	800.7	791.8	787.2	787.2
172.5°	803.2	802.8	801.1	799.5	801.1	802.8	803.2	797.9	790.8	787.2	787.2
175°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	794.0	789.5	787.2	788.3
177.5°	796.3	795.8	793.9	792.0	793.9	795.8	796.3	793.6	790.1	788.4	789.2
180°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2257.6	2268.4	2274.9	2283.6	2305.2
5°	2171.2	2212.2	2225.2	2257.6	2296.6
7.5°	1980.8	2106.2	2140.8	2218.7	2279.3
10°	1797.0	1922.5	1983.0	2166.8	2257.6
12.5°	1704.0	1777.5	1818.7	2076.0	2227.4
15°	1645.6	1697.5	1727.9	1954.9	2192.8
17.5°	1600.2	1637.0	1658.6	1836.0	2145.2
20°	1572.1	1589.4	1608.9	1749.4	2091.1
22.5°	1552.7	1541.9	1556.9	1688.9	2017.6
25°	1539.6	1498.6	1515.9	1641.3	1931.1
27.5°	1550.5	1459.6	1466.1	1598.1	1840.2
30°	1552.7	1412.1	1414.2	1552.7	1738.6
32.5°	1537.5	1362.3	1364.6	1496.5	1624.0
35°	1500.8	1304.0	1301.8	1431.5	1468.3
37.5°	1451.0	1241.3	1241.3	1360.2	1297.5
40°	1390.5	1178.6	1185.0	1267.2	1146.1
42.5°	1316.9	1111.5	1120.1	1144.0	1033.6
45°	1236.9	1046.6	1053.2	966.6	947.2
47.5°	1148.2	979.6	981.8	802.2	919.1
50°	1042.3	910.4	901.8	687.6	916.9
52.5°	949.3	834.7	808.8	622.8	832.6
55°	858.5	754.7	698.5	573.1	772.0
57.5°	778.5	650.9	596.8	514.7	759.0
60°	704.9	549.3	508.2	452.0	696.3
62.5°	644.5	473.5	464.9	408.7	631.4
65°	579.5	421.7	419.5	372.0	536.3
67.5°	516.8	387.1	384.9	337.3	408.7
70°	449.8	350.3	346.0	300.6	302.7
72.5°	380.6	309.3	304.9	270.3	250.8
75°	311.4	261.6	259.5	235.7	203.3
77.5°	244.4	207.6	211.9	190.3	149.2
80°	175.2	151.4	155.7	136.2	112.5
82.5°	116.8	99.5	103.8	86.5	75.7
85°	64.8	56.2	58.4	45.4	34.6
87.5°	30.2	26.0	26.0	17.3	10.8
90°	23.4	14.9	13.8	9.5	5.3
92.5°	144.2	102.6	93.5	57.4	21.3
95°	354.9	199.9	183.4	117.2	51.0
97.5°	478.1	219.6	205.0	146.6	88.3
100°	522.9	236.0	222.8	169.9	117.0
102.5°	543.5	252.5	240.2	190.8	141.4
105°	558.7	277.0	266.5	224.7	182.8
107.5°	561.6	313.1	303.4	264.4	225.4
110°	557.3	333.3	324.5	289.3	254.1



TEST NUMBER: P935371

CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	557.5	357.8	349.4	315.8	282.3
115°	562.6	394.4	386.6	355.7	324.8
117.5°	573.0	430.0	423.0	394.9	366.8
120°	581.6	450.8	444.1	417.7	391.2
122.5°	593.8	475.2	468.6	441.8	415.2
125°	610.3	506.6	500.6	476.2	451.8
127.5°	626.7	536.9	530.8	506.2	481.6
130°	638.8	557.1	550.5	524.1	497.6
132.5°	648.5	573.6	566.9	540.5	514.0
135°	659.2	592.7	586.7	562.6	538.5
137.5°	675.1	617.2	611.2	587.3	563.4
140°	684.8	633.6	628.2	606.2	584.2
142.5°	693.0	645.9	640.8	620.5	600.1
145°	703.7	664.5	660.0	642.3	624.6
147.5°	719.2	687.8	683.5	666.3	649.1
150°	727.4	700.1	696.2	680.6	665.0
152.5°	732.7	708.1	705.1	693.4	681.5
155°	744.4	725.6	723.3	714.7	706.0
157.5°	756.1	743.1	741.0	732.5	724.0
160°	761.4	751.1	749.5	742.9	736.2
162.5°	767.1	759.6	758.4	753.4	748.5
165°	775.2	771.8	770.7	766.2	761.8
167.5°	781.5	778.7	778.2	776.1	774.0
170°	786.9	786.7	786.2	784.1	782.0
172.5°	787.2	787.2	787.2	786.7	786.2
175°	790.4	792.0	792.0	792.0	792.0
177.5°	790.8	792.0	792.0	792.0	792.0
180°	792.0	792.0	792.0	792.0	792.0



TEST NUMBER: P935371
 CATALOG NUMBER: SQ4-FA-100U-125D-935-1D-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	14.33	15.23	15.26	16.17	17.39	17.16	18.05	18.08	18.99	20.21
	3H	14.81	15.61	15.75	16.57	17.81	18.50	19.30	19.44	20.26	21.50
	4H	15.00	15.76	15.96	16.72	17.97	18.95	19.71	19.90	20.66	21.91
	6H	15.13	15.82	16.09	16.79	18.05	19.23	19.93	20.20	20.89	22.16
	8H	15.13	15.79	16.10	16.77	18.04	19.31	19.97	20.28	20.95	22.22
	12H	15.10	15.73	16.08	16.71	17.99	19.35	19.98	20.32	20.95	22.24
4H	2H	15.37	16.13	16.33	17.08	18.34	17.57	18.33	18.53	19.29	20.54
	3H	16.40	17.03	17.37	18.02	19.28	19.08	19.71	20.05	20.70	21.96
	4H	16.68	17.25	17.65	18.23	19.52	19.61	20.18	20.58	21.16	22.45
	6H	16.80	17.30	17.79	18.30	19.59	19.97	20.47	20.96	21.47	22.76
	8H	16.81	17.27	17.80	18.27	19.57	20.08	20.54	21.07	21.54	22.84
	12H	16.78	17.20	17.79	18.21	19.52	20.14	20.55	21.15	21.57	22.88
8H	4H	17.13	17.59	18.12	18.59	19.90	19.73	20.20	20.72	21.20	22.50
	6H	17.39	17.78	18.41	18.82	20.12	20.17	20.55	21.19	21.59	22.89
	8H	17.44	17.77	18.46	18.80	20.12	20.32	20.66	21.35	21.69	23.01
	12H	17.42	17.72	18.45	18.74	20.11	20.42	20.72	21.45	21.74	23.10
12H	4H	17.14	17.56	18.15	18.57	19.88	19.70	20.12	20.71	21.13	22.44
	6H	17.45	17.79	18.48	18.82	20.14	20.17	20.51	21.19	21.53	22.85
	8H	17.52	17.82	18.55	18.84	20.21	20.33	20.63	21.36	21.65	23.01