

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: P935271

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935271
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

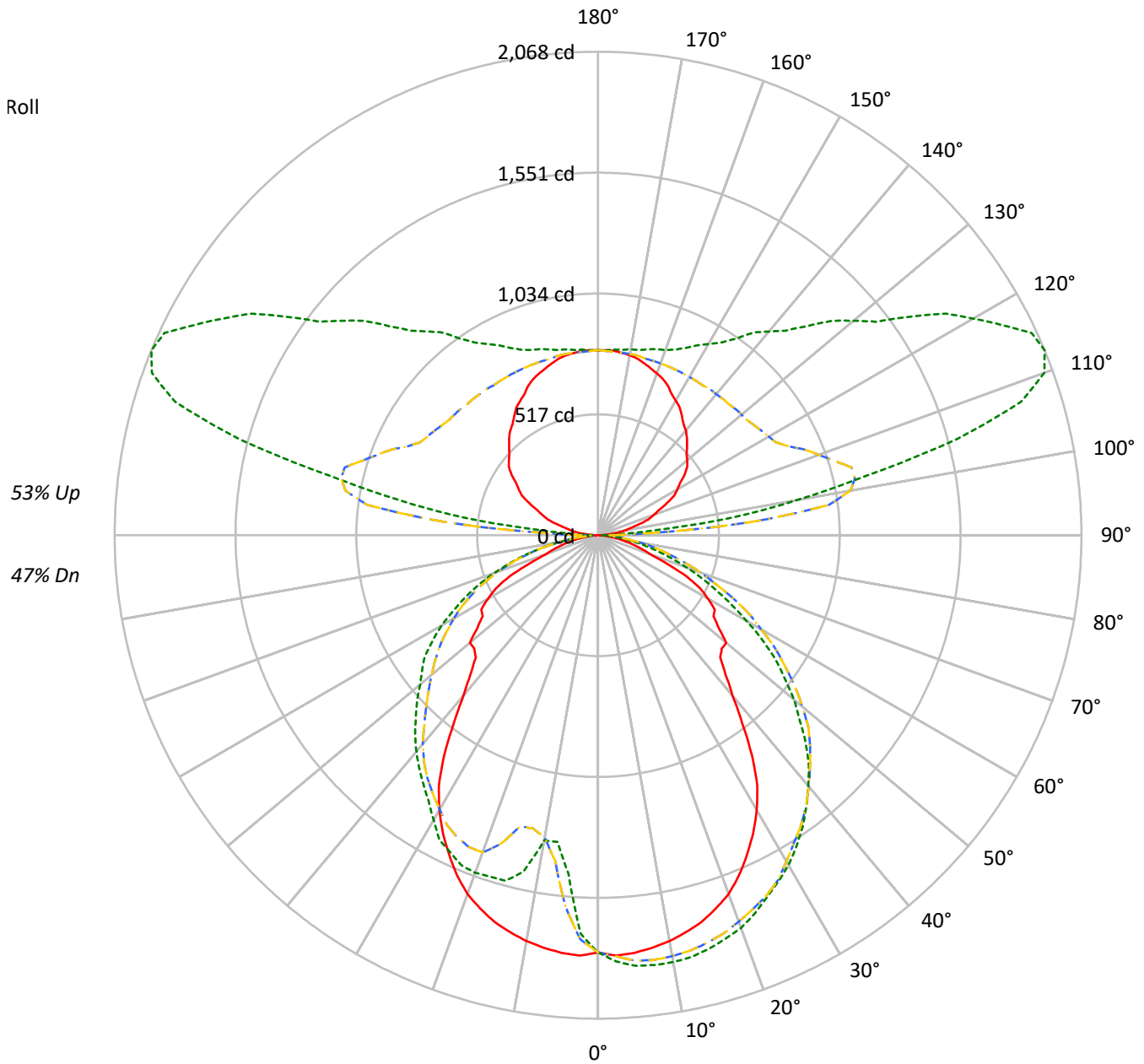
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9764.8 lumens
Efficiency: N/A
Efficacy: 112.2 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): 87
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: P935271
CATALOG NUMBER: SQ4-FA-100U-100D-935-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11040	11040	11040	11040
5°	11118	11144	11118	8763
10°	11040	10978	11040	7848
15°	10916	10740	10916	8968
20°	10684	10458	10684	8987
25°	10212	10047	10212	8796
30°	9604	9706	9604	8378
35°	8558	9274	8558	7919
40°	7127	8767	7127	7572
45°	6363	8172	6363	7172
50°	6756	7463	6756	6772
55°	6350	6698	6350	6540
60°	6538	5689	6538	5990
65°	5919	4702	5919	5257
70°	4087	3748	4087	4406
75°	3571	2771	3571	3318
80°	2858	1832	2858	1995
85°	1610	971	1610	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9760 cd/sqm



TEST NUMBER: P935271

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	1.6
10°-20°	457.4	4.7
20°-30°	707.0	7.2
30°-40°	844.1	8.6
40°-50°	849.0	8.7
50°-60°	738.7	7.6
60°-70°	523.8	5.4
70°-80°	277.1	2.8
80°-90°	72.0	0.7
90°-100°	386.1	4.0
100°-110°	1015.0	10.4
110°-120°	1052.5	10.8
120°-130°	844.2	8.6
130°-140°	662.4	6.8
140°-150°	508.4	5.2
150°-160°	366.2	3.7
160°-170°	224.0	2.3
170°-180°	75.7	0.8
0°-30°	1325.5	13.6
0°-40°	2169.6	22.2
0°-60°	3757.3	38.5
0°-90°	4630.2	47.4
90°-120°	2453.6	25.1
90°-150°	4468.7	45.8
90°-180°	5135.0	52.6
0°-180°	9764.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1785	1785	1785	1785	1785	
5°	1793	1849	1793	1454	1793	170
15°	1712	1832	1712	1530	1712	482
25°	1508	1709	1508	1496	1508	692
35°	1146	1525	1146	1302	1146	709
45°	740	1256	740	1102	740	592
55°	603	927	603	905	603	554
65°	419	559	419	625	419	400
75°	159	265	159	318	159	167
85°	27	68	27	57	27	36
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	



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

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1799.8	1799.8	1810.0	1813.3	1813.3	1808.3	1803.2	1808.3	1823.5	1828.6	1826.9
5°	1793.0	1806.6	1825.2	1828.6	1831.9	1830.2	1826.9	1830.2	1847.1	1850.5	1852.2
7.5°	1779.6	1804.9	1828.6	1833.6	1838.6	1833.6	1831.9	1835.3	1852.2	1855.6	1855.6
10°	1762.7	1798.1	1825.2	1828.6	1833.6	1828.6	1828.6	1835.3	1852.2	1855.6	1857.2
12.5°	1739.0	1788.0	1813.3	1816.7	1823.5	1821.7	1820.0	1826.9	1843.7	1847.1	1847.1
15°	1712.0	1769.4	1793.0	1796.4	1808.3	1804.9	1804.9	1811.6	1830.2	1835.3	1833.6
17.5°	1674.9	1745.7	1772.8	1777.9	1786.3	1784.6	1786.3	1793.0	1810.0	1813.3	1815.0
20°	1632.7	1713.7	1745.7	1750.9	1759.3	1759.3	1759.3	1767.7	1784.6	1791.4	1791.4
22.5°	1575.3	1680.0	1713.7	1717.1	1727.3	1727.3	1730.6	1742.4	1757.6	1759.3	1759.3
25°	1507.7	1642.8	1671.5	1681.6	1691.7	1696.8	1701.9	1708.7	1713.7	1712.0	1713.7
27.5°	1436.8	1595.5	1632.7	1639.4	1653.0	1658.0	1664.7	1666.4	1668.1	1673.2	1669.8
30°	1357.5	1529.7	1585.4	1592.1	1614.1	1617.4	1610.7	1614.1	1622.5	1626.0	1629.3
32.5°	1267.9	1431.8	1536.4	1551.7	1571.9	1561.7	1560.1	1565.1	1578.7	1578.7	1582.0
35°	1146.5	1355.8	1490.8	1504.4	1519.5	1507.7	1514.5	1516.1	1524.6	1529.7	1528.0
37.5°	1013.0	1289.9	1443.5	1453.7	1465.5	1450.4	1460.4	1465.5	1472.3	1468.9	1468.9
40°	894.9	1186.9	1387.8	1394.6	1404.8	1392.9	1403.1	1406.4	1409.8	1406.4	1404.8
42.5°	807.0	1073.8	1328.8	1337.2	1330.5	1338.9	1342.2	1349.1	1343.9	1337.2	1337.2
45°	739.5	1043.4	1264.6	1274.8	1264.6	1278.1	1283.2	1283.2	1267.9	1264.6	1262.9
47.5°	717.6	982.6	1200.5	1200.5	1195.4	1212.2	1220.7	1208.9	1193.7	1188.6	1188.6
50°	715.9	915.1	1112.6	1105.9	1129.5	1149.8	1141.3	1129.5	1117.7	1099.2	1099.2
52.5°	650.0	832.4	999.5	1024.9	1062.0	1073.8	1060.3	1048.5	1028.2	1019.8	1013.0
55°	602.8	746.3	896.6	947.2	986.0	1001.2	975.9	964.0	933.7	928.6	925.3
57.5°	592.7	621.4	802.0	866.1	913.4	911.7	896.6	874.6	849.3	844.2	842.5
60°	543.7	449.1	700.7	776.7	825.6	820.6	807.0	786.8	763.1	759.8	756.4
62.5°	493.0	325.9	585.8	672.0	741.2	739.5	727.7	697.3	680.4	672.0	665.2
65°	418.8	273.5	417.1	558.8	658.5	661.8	636.5	614.5	596.0	585.8	584.2
67.5°	319.1	222.9	281.9	466.0	579.1	575.8	543.7	533.5	509.9	504.8	494.7
70°	236.3	148.6	195.9	378.2	501.5	493.0	467.7	455.9	433.9	422.1	415.4
72.5°	195.9	119.9	143.5	293.8	422.1	411.9	390.0	376.5	357.9	347.8	341.1
75°	158.7	126.6	109.7	217.8	342.8	336.0	315.8	302.2	287.0	273.5	275.2
77.5°	116.5	118.2	87.8	160.4	271.8	261.7	249.9	233.0	226.2	212.7	212.7
80°	87.8	92.9	65.9	109.7	195.9	195.9	185.7	173.9	162.1	155.3	155.3
82.5°	59.1	59.1	49.0	69.2	133.4	128.3	121.6	118.2	111.4	108.0	108.0
85°	27.0	33.7	30.4	42.2	72.6	76.0	76.0	72.6	70.9	67.6	69.2
87.5°	8.4	15.2	18.6	23.6	37.1	38.9	40.6	40.6	40.6	42.2	42.2
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: P935271

CATALOG NUMBER: SQ4-FA-100U-100D-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



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

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1830.2	1825.2	1830.2	1826.9	1828.6	1823.5	1808.3	1803.2	1808.3	1813.3	1813.3
5°	1852.2	1848.8	1852.2	1852.2	1850.5	1847.1	1830.2	1826.9	1830.2	1831.9	1828.6
7.5°	1858.9	1853.9	1858.9	1855.6	1855.6	1852.2	1835.3	1831.9	1833.6	1838.6	1833.6
10°	1858.9	1853.9	1858.9	1857.2	1855.6	1852.2	1835.3	1828.6	1828.6	1833.6	1828.6
12.5°	1850.5	1847.1	1850.5	1847.1	1847.1	1843.7	1826.9	1820.0	1821.7	1823.5	1816.7
15°	1837.0	1831.9	1837.0	1833.6	1835.3	1830.2	1811.6	1804.9	1804.9	1808.3	1796.4
17.5°	1816.7	1810.0	1816.7	1815.0	1813.3	1810.0	1793.0	1786.3	1784.6	1786.3	1777.9
20°	1793.0	1788.0	1793.0	1791.4	1791.4	1784.6	1767.7	1759.3	1759.3	1759.3	1750.9
22.5°	1755.9	1750.9	1755.9	1759.3	1759.3	1757.6	1742.4	1730.6	1727.3	1727.3	1717.1
25°	1713.7	1708.7	1713.7	1713.7	1712.0	1713.7	1708.7	1701.9	1696.8	1691.7	1681.6
27.5°	1673.2	1669.8	1673.2	1669.8	1673.2	1668.1	1666.4	1664.7	1658.0	1653.0	1639.4
30°	1632.7	1629.3	1632.7	1629.3	1626.0	1622.5	1614.1	1610.7	1617.4	1614.1	1592.1
32.5°	1582.0	1578.7	1582.0	1582.0	1578.7	1578.7	1565.1	1560.1	1561.7	1571.9	1551.7
35°	1529.7	1524.6	1529.7	1528.0	1529.7	1524.6	1516.1	1514.5	1507.7	1519.5	1504.4
37.5°	1468.9	1463.8	1468.9	1468.9	1468.9	1472.3	1465.5	1460.4	1450.4	1465.5	1453.7
40°	1406.4	1399.7	1406.4	1404.8	1406.4	1409.8	1406.4	1403.1	1392.9	1404.8	1394.6
42.5°	1335.5	1333.8	1335.5	1337.2	1337.2	1343.9	1349.1	1342.2	1338.9	1330.5	1337.2
45°	1259.5	1256.2	1259.5	1262.9	1264.6	1267.9	1283.2	1283.2	1278.1	1264.6	1274.8
47.5°	1178.5	1170.1	1178.5	1188.6	1188.6	1193.7	1208.9	1220.7	1212.2	1195.4	1200.5
50°	1092.3	1094.1	1092.3	1099.2	1099.2	1117.7	1129.5	1141.3	1149.8	1129.5	1105.9
52.5°	1008.0	1006.3	1008.0	1013.0	1019.8	1028.2	1048.5	1060.3	1073.8	1062.0	1024.9
55°	923.6	926.9	923.6	925.3	928.6	933.7	964.0	975.9	1001.2	986.0	947.2
57.5°	839.1	834.0	839.1	842.5	844.2	849.3	874.6	896.6	911.7	913.4	866.1
60°	741.2	734.4	741.2	756.4	759.8	763.1	786.8	807.0	820.6	825.6	776.7
62.5°	655.1	643.3	655.1	665.2	672.0	680.4	697.3	727.7	739.5	741.2	672.0
65°	563.9	558.8	563.9	584.2	585.8	596.0	614.5	636.5	661.8	658.5	558.8
67.5°	481.2	481.2	481.2	494.7	504.8	509.9	533.5	543.7	575.8	579.1	466.0
70°	405.2	403.5	405.2	415.4	422.1	433.9	455.9	467.7	493.0	501.5	378.2
72.5°	332.6	330.9	332.6	341.1	347.8	357.9	376.5	390.0	411.9	422.1	293.8
75°	268.5	265.1	268.5	275.2	273.5	287.0	302.2	315.8	336.0	342.8	217.8
77.5°	206.0	206.0	206.0	212.7	212.7	226.2	233.0	249.9	261.7	271.8	160.4
80°	153.6	152.0	153.6	155.3	155.3	162.1	173.9	185.7	195.9	195.9	109.7
82.5°	108.0	104.7	108.0	108.0	108.0	111.4	118.2	121.6	128.3	133.4	69.2
85°	67.6	67.6	67.6	69.2	67.6	70.9	72.6	76.0	76.0	72.6	42.2
87.5°	43.9	42.2	43.9	42.2	42.2	40.6	40.6	40.6	38.9	37.1	23.6
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: P935271

CATALOG NUMBER: SQ4-FA-100U-100D-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: P935271
 CATALOG NUMBER: SQ4-FA-100U-100D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1810.0	1799.8	1799.8	1782.9	1776.2	1771.1	1762.7	1737.3	1730.6	1723.9	1734.0
5°	1825.2	1806.6	1793.0	1762.7	1737.3	1727.3	1695.1	1634.4	1593.8	1563.4	1546.6
7.5°	1828.6	1804.9	1779.6	1732.3	1671.5	1644.4	1546.6	1435.1	1404.8	1377.7	1360.8
10°	1825.2	1798.1	1762.7	1691.7	1548.3	1501.0	1403.1	1330.5	1311.9	1306.8	1311.9
12.5°	1813.3	1788.0	1739.0	1620.8	1419.9	1387.8	1330.5	1288.2	1284.9	1293.3	1338.9
15°	1793.0	1769.4	1712.0	1526.3	1349.1	1325.4	1284.9	1269.7	1288.2	1347.4	1484.1
17.5°	1772.8	1745.7	1674.9	1433.4	1295.0	1278.1	1249.4	1279.8	1384.5	1463.8	1509.4
20°	1745.7	1713.7	1632.7	1365.9	1256.2	1240.9	1227.5	1364.2	1443.5	1472.3	1497.6
22.5°	1713.7	1680.0	1575.3	1318.6	1215.6	1203.8	1212.2	1411.5	1443.5	1463.8	1485.8
25°	1671.5	1642.8	1507.7	1281.5	1183.6	1170.1	1202.2	1406.4	1425.0	1430.1	1474.0
27.5°	1632.7	1595.5	1436.8	1247.8	1144.7	1139.6	1210.6	1384.5	1398.0	1403.1	1450.4
30°	1585.4	1529.7	1357.5	1212.2	1104.2	1102.5	1212.2	1357.5	1354.1	1367.6	1414.8
32.5°	1536.4	1431.8	1267.9	1168.3	1065.3	1063.7	1200.5	1316.9	1313.5	1332.1	1367.6
35°	1490.8	1355.8	1146.5	1117.7	1016.4	1018.1	1171.8	1269.7	1271.4	1288.2	1310.2
37.5°	1443.5	1289.9	1013.0	1062.0	969.2	969.2	1132.9	1225.8	1222.4	1227.5	1257.8
40°	1387.8	1186.9	894.9	989.4	925.3	920.2	1085.6	1178.5	1166.6	1165.0	1207.2
42.5°	1328.8	1073.8	807.0	893.2	874.6	867.8	1028.2	1121.1	1099.2	1104.2	1158.2
45°	1264.6	1043.4	739.5	754.7	822.3	817.2	965.7	1055.2	1040.0	1053.6	1109.3
47.5°	1200.5	982.6	717.6	626.4	766.5	764.8	896.6	991.0	982.6	996.2	1055.2
50°	1112.6	915.1	715.9	536.9	704.1	710.8	813.8	928.6	928.6	940.4	1002.9
52.5°	999.5	832.4	650.0	486.2	631.4	651.7	741.2	874.6	878.0	889.7	945.5
55°	896.6	746.3	602.8	447.4	545.4	589.2	670.3	818.9	825.6	837.4	888.1
57.5°	802.0	621.4	592.7	401.8	466.0	508.2	607.8	764.8	768.2	778.4	827.3
60°	700.7	449.1	543.7	352.9	396.8	428.8	550.4	700.7	712.5	719.3	761.4
62.5°	585.8	325.9	493.0	319.1	363.0	369.8	503.1	639.9	655.1	660.1	685.5
65°	417.1	273.5	418.8	290.4	327.5	329.2	452.5	577.4	590.9	599.4	618.0
67.5°	281.9	222.9	319.1	263.4	300.5	302.2	403.5	504.8	523.4	530.1	542.0
70°	195.9	148.6	236.3	234.7	270.2	273.5	351.2	439.0	455.9	460.9	467.7
72.5°	143.5	119.9	195.9	211.0	238.0	241.5	297.2	364.7	381.6	386.6	390.0
75°	109.7	126.6	158.7	184.0	202.6	204.3	243.2	297.2	308.9	312.3	314.0
77.5°	87.8	118.2	116.5	148.6	165.5	162.1	190.8	229.6	239.8	239.8	239.8
80°	65.9	92.9	87.8	106.3	121.6	118.2	136.7	163.8	167.2	170.5	168.9
82.5°	49.0	59.1	59.1	67.6	81.0	77.7	91.2	106.3	106.3	106.3	109.7
85°	30.4	33.7	27.0	35.4	45.6	43.9	50.7	57.4	59.1	59.1	55.7
87.5°	18.6	15.2	8.4	13.5	20.3	20.3	23.6	25.3	23.6	23.6	23.6
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: P935271

CATALOG NUMBER: SQ4-FA-100U-100D-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: P935271
 CATALOG NUMBER: SQ4-FA-100U-100D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1722.1	1717.1	1723.9	1705.3	1723.9	1717.1	1722.1	1734.0	1723.9	1730.6	1737.3
5°	1511.1	1502.7	1475.7	1453.7	1475.7	1502.7	1511.1	1546.6	1563.4	1593.8	1634.4
7.5°	1350.7	1343.9	1337.2	1323.7	1337.2	1343.9	1350.7	1360.8	1377.7	1404.8	1435.1
10°	1315.2	1316.9	1327.1	1325.4	1327.1	1316.9	1315.2	1311.9	1306.8	1311.9	1330.5
12.5°	1406.4	1421.6	1477.4	1474.0	1477.4	1421.6	1406.4	1338.9	1293.3	1284.9	1288.2
15°	1511.1	1516.1	1528.0	1529.7	1528.0	1516.1	1511.1	1484.1	1347.4	1288.2	1269.7
17.5°	1521.2	1523.0	1531.4	1531.4	1531.4	1523.0	1521.2	1509.4	1463.8	1384.5	1279.8
20°	1512.8	1516.1	1533.1	1536.4	1533.1	1516.1	1512.8	1497.6	1472.3	1443.5	1364.2
22.5°	1509.4	1516.1	1529.7	1528.0	1529.7	1516.1	1509.4	1485.8	1463.8	1443.5	1411.5
25°	1492.5	1492.5	1494.2	1495.9	1494.2	1492.5	1492.5	1474.0	1430.1	1425.0	1406.4
27.5°	1457.1	1460.4	1470.6	1468.9	1470.6	1460.4	1457.1	1450.4	1403.1	1398.0	1384.5
30°	1425.0	1421.6	1413.2	1406.4	1413.2	1421.6	1425.0	1414.8	1367.6	1354.1	1357.5
32.5°	1371.0	1362.5	1354.1	1349.1	1354.1	1362.5	1371.0	1367.6	1332.1	1313.5	1316.9
35°	1306.8	1308.5	1306.8	1301.8	1306.8	1308.5	1306.8	1310.2	1288.2	1271.4	1269.7
37.5°	1261.2	1264.6	1262.9	1256.2	1262.9	1264.6	1261.2	1257.8	1227.5	1222.4	1225.8
40°	1213.9	1215.6	1213.9	1208.9	1213.9	1215.6	1213.9	1207.2	1165.0	1166.6	1178.5
42.5°	1168.3	1166.6	1161.6	1158.2	1161.6	1166.6	1168.3	1158.2	1104.2	1099.2	1121.1
45°	1116.0	1117.7	1107.6	1102.5	1107.6	1117.7	1116.0	1109.3	1053.6	1040.0	1055.2
47.5°	1063.7	1063.7	1055.2	1050.2	1055.2	1063.7	1063.7	1055.2	996.2	982.6	991.0
50°	1008.0	1006.3	994.5	992.8	994.5	1006.3	1008.0	1002.9	940.4	928.6	928.6
52.5°	943.8	943.8	945.5	948.9	945.5	943.8	943.8	945.5	889.7	878.0	874.6
55°	888.1	889.7	901.6	905.0	901.6	889.7	888.1	888.1	837.4	825.6	818.9
57.5°	830.7	830.7	839.1	839.1	839.1	830.7	830.7	827.3	778.4	768.2	764.8
60°	764.8	768.2	775.0	773.3	775.0	768.2	764.8	761.4	719.3	712.5	700.7
62.5°	695.6	699.0	700.7	697.3	700.7	699.0	695.6	685.5	660.1	655.1	639.9
65°	623.0	626.4	628.1	624.7	628.1	626.4	623.0	618.0	599.4	590.9	577.4
67.5°	548.7	547.1	545.4	552.1	545.4	547.1	548.7	542.0	530.1	523.4	504.8
70°	472.8	472.8	471.1	474.4	471.1	472.8	472.8	467.7	460.9	455.9	439.0
72.5°	391.7	390.0	396.8	391.7	396.8	390.0	391.7	390.0	386.6	381.6	364.7
75°	312.3	315.8	312.3	317.5	312.3	315.8	312.3	314.0	312.3	308.9	297.2
77.5°	238.0	241.5	238.0	238.0	238.0	241.5	238.0	239.8	239.8	239.8	229.6
80°	168.9	167.2	167.2	165.5	167.2	167.2	168.9	168.9	170.5	167.2	163.8
82.5°	108.0	106.3	106.3	109.7	106.3	106.3	108.0	109.7	106.3	106.3	106.3
85°	59.1	60.7	57.4	57.4	57.4	60.7	59.1	55.7	59.1	59.1	57.4
87.5°	22.0	20.3	20.3	20.3	20.3	20.3	22.0	23.6	23.6	23.6	25.3
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: P935271

CATALOG NUMBER: SQ4-FA-100U-100D-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: P935271

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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1784.6	1784.6	1784.6	1784.6	1784.6
2.5°	1762.7	1771.1	1776.2	1782.9	1799.8
5°	1695.1	1727.3	1737.3	1762.7	1793.0
7.5°	1546.6	1644.4	1671.5	1732.3	1779.6
10°	1403.1	1501.0	1548.3	1691.7	1762.7
12.5°	1330.5	1387.8	1419.9	1620.8	1739.0
15°	1284.9	1325.4	1349.1	1526.3	1712.0
17.5°	1249.4	1278.1	1295.0	1433.4	1674.9
20°	1227.5	1240.9	1256.2	1365.9	1632.7
22.5°	1212.2	1203.8	1215.6	1318.6	1575.3
25°	1202.2	1170.1	1183.6	1281.5	1507.7
27.5°	1210.6	1139.6	1144.7	1247.8	1436.8
30°	1212.2	1102.5	1104.2	1212.2	1357.5
32.5°	1200.5	1063.7	1065.3	1168.3	1267.9
35°	1171.8	1018.1	1016.4	1117.7	1146.5
37.5°	1132.9	969.2	969.2	1062.0	1013.0
40°	1085.6	920.2	925.3	989.4	894.9
42.5°	1028.2	867.8	874.6	893.2	807.0
45°	965.7	817.2	822.3	754.7	739.5
47.5°	896.6	764.8	766.5	626.4	717.6
50°	813.8	710.8	704.1	536.9	715.9
52.5°	741.2	651.7	631.4	486.2	650.0
55°	670.3	589.2	545.4	447.4	602.8
57.5°	607.8	508.2	466.0	401.8	592.7
60°	550.4	428.8	396.8	352.9	543.7
62.5°	503.1	369.8	363.0	319.1	493.0
65°	452.5	329.2	327.5	290.4	418.8
67.5°	403.5	302.2	300.5	263.4	319.1
70°	351.2	273.5	270.2	234.7	236.3
72.5°	297.2	241.5	238.0	211.0	195.9
75°	243.2	204.3	202.6	184.0	158.7
77.5°	190.8	162.1	165.5	148.6	116.5
80°	136.7	118.2	121.6	106.3	87.8
82.5°	91.2	77.7	81.0	67.6	59.1
85°	50.7	43.9	45.6	35.4	27.0
87.5°	23.6	20.3	20.3	13.5	8.4
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: P935271

CATALOG NUMBER: SQ4-FA-100U-100D-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: P935271
 CATALOG NUMBER: SQ4-FA-100U-100D-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	12.90	13.74	13.88	14.73	16.04	15.73	16.57	16.71	17.56	18.87
	3H	13.38	14.13	14.37	15.13	16.46	17.07	17.82	18.06	18.82	20.15
	4H	13.57	14.28	14.57	15.28	16.62	17.51	18.22	18.51	19.23	20.56
	6H	13.69	14.34	14.70	15.35	16.70	17.79	18.45	18.81	19.46	20.81
	8H	13.69	14.31	14.71	15.34	16.68	17.87	18.49	18.89	19.52	20.86
	12H	13.66	14.25	14.68	15.27	16.64	17.90	18.50	18.93	19.52	20.89
4H	2H	13.93	14.64	14.94	15.65	16.98	16.13	16.84	17.14	17.85	19.19
	3H	14.96	15.55	15.97	16.58	17.93	17.64	18.23	18.65	19.26	20.61
	4H	15.23	15.77	16.26	16.80	18.17	18.16	18.70	19.19	19.73	21.10
	6H	15.36	15.82	16.39	16.87	18.24	18.52	18.99	19.56	20.04	21.41
	8H	15.36	15.80	16.40	16.84	18.22	18.63	19.06	19.67	20.11	21.49
	12H	15.33	15.72	16.38	16.78	18.17	18.68	19.08	19.74	20.13	21.52
8H	4H	15.68	16.12	16.72	17.16	18.54	18.28	18.72	19.32	19.76	21.15
	6H	15.94	16.30	17.00	17.39	18.77	18.72	19.08	19.78	20.16	21.54
	8H	15.99	16.30	17.05	17.37	18.77	18.87	19.19	19.94	20.25	21.66
	12H	15.97	16.25	17.04	17.31	18.75	18.97	19.24	20.04	20.31	21.75
12H	4H	15.69	16.08	16.74	17.14	18.53	18.25	18.64	19.30	19.70	21.09
	6H	16.00	16.32	17.07	17.39	18.79	18.72	19.03	19.78	20.10	21.50
	8H	16.07	16.35	17.14	17.41	18.85	18.87	19.15	19.95	20.22	21.66