

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: P935224

Luminaire Tested: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935224
REPORT IS A COMBINATION OF REPORTS P933748 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

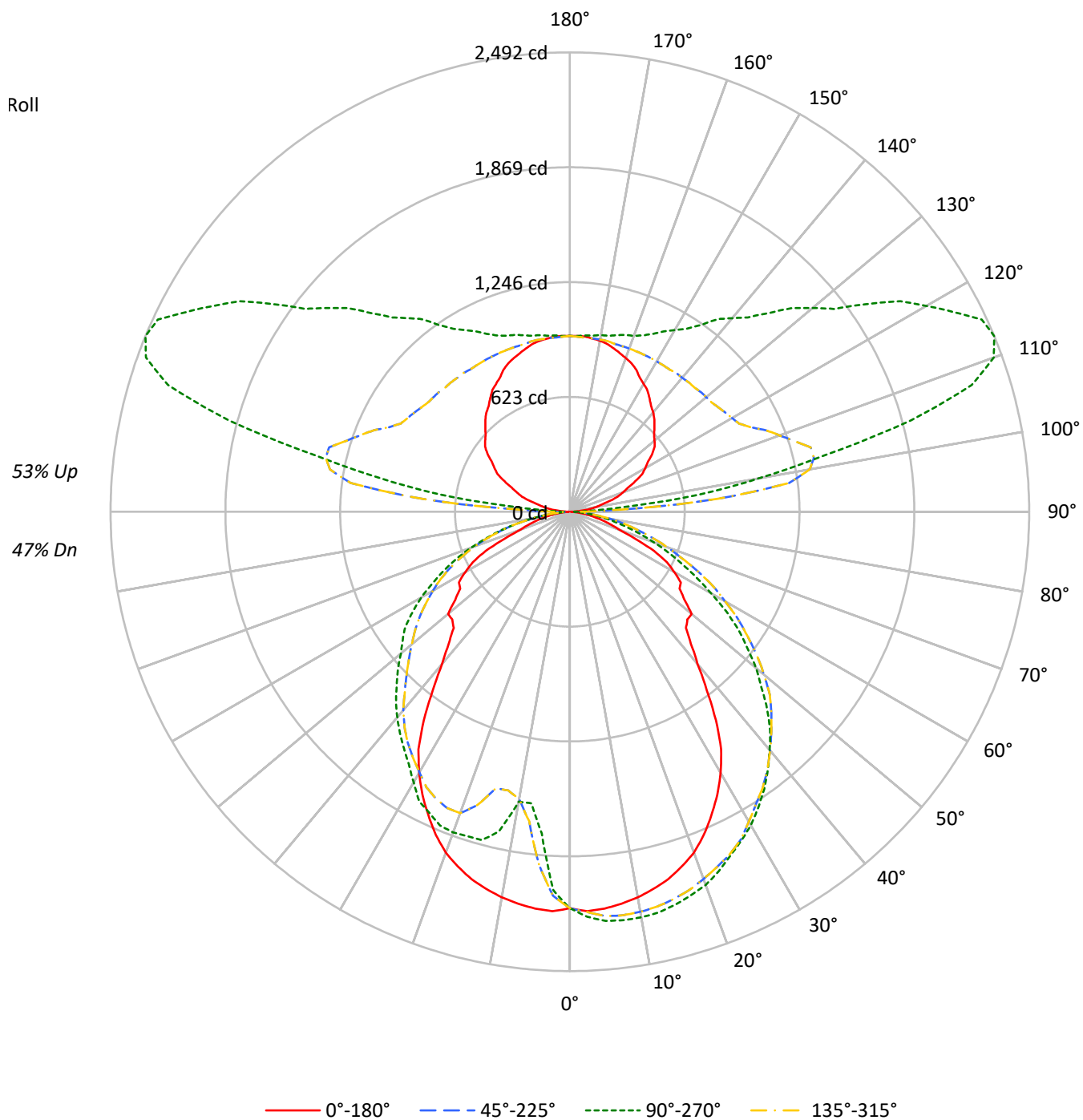
Lumens per Lamp: N/A
Luminaire Lumens: 11767.2 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 116
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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9978	9978	9978	9978
5°	10053	10073	10053	7920
10°	9986	9922	9986	7093
15°	9877	9707	9877	8106
20°	9671	9453	9671	8123
25°	9248	9081	9248	7950
30°	8701	8773	8701	7573
35°	7757	8383	7757	7157
40°	6464	7924	6464	6843
45°	5775	7386	5775	6482
50°	6136	6745	6136	6120
55°	5773	6054	5773	5911
60°	5951	5142	5951	5414
65°	5395	4251	5395	4751
70°	3735	3387	3735	3982
75°	3276	2504	3276	2998
80°	2640	1655	2640	1803
85°	1518	877	1518	744

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8852 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.1	1.6
10°-20°	551.2	4.7
20°-30°	852.1	7.2
30°-40°	1017.2	8.6
40°-50°	1023.2	8.7
50°-60°	890.3	7.6
60°-70°	631.2	5.4
70°-80°	333.9	2.8
80°-90°	86.8	0.7
90°-100°	465.3	4.0
100°-110°	1223.1	10.4
110°-120°	1268.3	10.8
120°-130°	1017.3	8.6
130°-140°	798.2	6.8
140°-150°	612.7	5.2
150°-160°	441.2	3.7
160°-170°	270.0	2.3
170°-180°	91.2	0.8
0°-30°	1597.4	13.6
0°-40°	2614.6	22.2
0°-60°	4528.0	38.5
0°-90°	5580.0	47.4
90°-120°	2956.6	25.1
90°-150°	5384.8	45.8
90°-180°	6187.0	52.6
0°-180°	11767.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2151	2151	2151	2151	2151	
5°	2161	2228	2161	1752	2161	205
15°	2063	2208	2063	1844	2063	581
25°	1817	2059	1817	1803	1817	834
35°	1382	1837	1382	1569	1382	855
45°	891	1514	891	1329	891	714
55°	726	1117	726	1091	726	667
65°	505	674	505	753	505	482
75°	191	320	191	382	191	201
85°	33	81	33	69	33	44
90°	6	24	6	24	6	7
95°	62	281	62	281	62	68
105°	220	1915	220	1915	220	234
115°	391	2466	391	2466	391	387
125°	544	1964	544	1964	544	483
135°	649	1524	649	1524	649	502
145°	753	1236	753	1236	753	472
155°	851	1065	851	1065	851	391
165°	918	992	918	992	918	259
175°	954	961	954	961	954	91
180°	954	954	954	954	954	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7
2.5°	2169.0	2169.0	2181.2	2185.3	2185.3	2179.2	2173.1	2179.2	2197.5	2203.6	2201.6
5°	2160.9	2177.1	2199.5	2203.6	2207.7	2205.6	2201.6	2205.6	2226.0	2230.1	2232.1
7.5°	2144.6	2175.1	2203.6	2209.7	2215.8	2209.7	2207.7	2211.7	2232.1	2236.2	2236.2
10°	2124.2	2166.9	2199.5	2203.6	2209.7	2203.6	2203.6	2211.7	2232.1	2236.2	2238.2
12.5°	2095.7	2154.8	2185.3	2189.3	2197.5	2195.4	2193.4	2201.6	2221.9	2226.0	2226.0
15°	2063.2	2132.4	2160.9	2164.9	2179.2	2175.1	2175.1	2183.3	2205.6	2211.7	2209.7
17.5°	2018.4	2103.9	2136.4	2142.5	2152.7	2150.7	2152.7	2160.9	2181.2	2185.3	2187.3
20°	1967.6	2065.2	2103.9	2110.0	2120.2	2120.2	2120.2	2130.4	2150.7	2158.8	2158.8
22.5°	1898.4	2024.6	2065.2	2069.3	2081.5	2081.5	2085.5	2099.8	2118.1	2120.2	2120.2
25°	1817.0	1979.7	2014.3	2026.6	2038.8	2044.9	2051.0	2059.1	2065.2	2063.2	2065.2
27.5°	1731.5	1922.8	1967.6	1975.7	1992.0	1998.1	2006.2	2008.2	2010.3	2016.4	2012.3
30°	1635.9	1843.5	1910.6	1918.8	1945.2	1949.3	1941.1	1945.2	1955.3	1959.4	1963.5
32.5°	1528.1	1725.4	1851.6	1869.9	1894.3	1882.1	1880.0	1886.2	1902.4	1902.4	1906.5
35°	1381.5	1633.9	1796.6	1812.9	1831.2	1817.0	1825.1	1827.1	1837.4	1843.5	1841.4
37.5°	1220.8	1554.5	1739.7	1751.9	1766.1	1747.8	1760.0	1766.1	1774.2	1770.2	1770.2
40°	1078.4	1430.4	1672.5	1680.7	1692.8	1678.6	1690.8	1694.9	1699.0	1694.9	1692.8
42.5°	972.6	1294.1	1601.3	1611.5	1603.4	1613.5	1617.6	1625.7	1619.6	1611.5	1611.5
45°	891.2	1257.4	1524.0	1536.2	1524.0	1540.3	1546.4	1546.4	1528.1	1524.0	1522.0
47.5°	864.8	1184.2	1446.7	1446.7	1440.6	1460.9	1471.1	1456.8	1438.5	1432.4	1432.4
50°	862.7	1102.8	1340.9	1332.7	1361.2	1385.6	1375.5	1361.2	1347.0	1324.6	1324.6
52.5°	783.4	1003.1	1204.5	1235.1	1279.8	1294.1	1277.8	1263.6	1239.2	1229.0	1220.8
55°	726.4	899.4	1080.5	1141.4	1188.3	1206.6	1176.0	1161.9	1125.2	1119.1	1115.0
57.5°	714.2	748.7	966.5	1043.8	1100.8	1098.7	1080.5	1054.0	1023.5	1017.3	1015.3
60°	655.2	541.2	844.4	935.9	995.0	988.8	972.6	948.2	919.7	915.6	911.5
62.5°	594.1	392.7	706.0	809.8	893.2	891.2	877.0	840.3	820.0	809.8	801.6
65°	504.6	329.6	502.6	673.5	793.6	797.6	767.1	740.7	718.3	706.0	704.0
67.5°	384.5	268.6	339.8	561.6	697.9	693.8	655.2	643.0	614.5	608.4	596.1
70°	284.8	179.0	236.0	455.8	604.3	594.1	563.6	549.4	522.9	508.7	500.5
72.5°	236.0	144.5	172.9	354.0	508.7	496.5	470.0	453.8	431.4	419.1	411.0
75°	191.3	152.6	132.3	262.5	413.0	404.9	380.5	364.2	345.9	329.6	331.6
77.5°	140.4	142.5	105.8	193.3	327.6	315.4	301.1	280.8	272.7	256.4	256.4
80°	105.8	111.9	79.4	132.3	236.0	236.0	223.8	209.6	195.3	187.2	187.2
82.5°	71.2	71.2	59.0	83.4	160.8	154.6	146.5	142.5	134.3	130.2	130.2
85°	32.6	40.7	36.7	50.9	87.5	91.6	91.6	87.5	85.5	81.4	83.4
87.5°	10.2	18.3	22.4	28.5	44.7	46.8	48.8	48.8	48.8	50.9	50.9
90°	6.4	11.6	16.6	17.9	28.2	41.8	48.7	43.3	32.4	24.3	24.3
92.5°	25.6	69.2	112.8	123.7	173.8	240.7	274.1	240.2	172.6	121.7	116.9
95°	61.5	141.2	220.9	240.9	427.7	676.8	801.3	715.1	542.5	413.2	398.6
97.5°	106.3	176.6	247.0	264.6	576.1	991.5	1199.1	1144.6	1035.6	953.8	925.9
100°	140.9	204.7	268.5	284.4	630.1	1091.0	1321.5	1325.5	1333.4	1339.4	1306.2
102.5°	170.4	229.8	289.4	304.2	654.8	1122.3	1356.0	1425.5	1564.5	1668.7	1640.2
105°	220.4	270.7	321.1	333.7	673.2	1125.9	1352.2	1507.9	1819.4	2053.0	2037.7
107.5°	271.6	318.5	365.5	377.3	676.7	1075.8	1275.4	1492.6	1927.0	2252.8	2256.5
110°	306.2	348.6	391.0	401.6	671.5	1031.3	1211.3	1454.1	1939.8	2304.1	2320.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	340.1	380.5	421.0	431.1	671.7	992.6	1153.0	1401.6	1898.6	2271.4	2295.9
115°	391.4	428.7	466.0	475.3	677.9	948.1	1083.2	1322.6	1801.5	2160.6	2194.6
117.5°	442.0	475.9	509.7	518.2	690.5	920.2	1035.1	1251.2	1683.4	2007.5	2045.1
120°	471.5	503.3	535.2	543.2	700.8	910.9	1015.9	1213.4	1608.2	1904.4	1940.9
122.5°	500.3	532.5	564.6	572.6	715.5	905.9	1001.2	1178.9	1534.5	1801.3	1837.4
125°	544.5	573.8	603.1	610.5	735.4	901.9	985.1	1136.2	1438.3	1664.8	1698.1
127.5°	580.3	609.9	639.6	647.0	755.2	899.6	971.7	1101.4	1360.7	1555.2	1583.3
130°	599.5	631.4	663.3	671.3	769.7	901.0	966.6	1082.0	1312.9	1486.1	1512.0
132.5°	619.4	651.3	683.1	691.2	781.5	901.9	962.1	1065.4	1272.1	1427.1	1450.3
135°	648.9	677.9	707.0	714.3	794.3	901.1	954.4	1041.0	1214.1	1343.9	1363.9
137.5°	679.0	707.7	736.5	743.7	813.5	906.6	953.1	1026.3	1172.6	1282.4	1298.8
140°	703.9	730.4	756.9	763.5	825.2	907.5	948.6	1011.9	1138.3	1233.1	1248.4
142.5°	723.2	747.7	772.2	778.2	835.1	910.8	948.6	1004.2	1115.2	1198.5	1211.7
145°	752.7	774.0	795.4	800.7	847.9	910.8	942.2	987.7	1078.5	1146.6	1156.5
147.5°	782.1	802.9	823.7	828.9	866.7	917.1	942.2	978.0	1049.4	1103.0	1111.3
150°	801.3	820.1	838.9	843.6	876.5	920.3	942.2	972.4	1032.8	1078.1	1084.8
152.5°	821.2	835.4	849.7	853.2	882.9	922.5	942.2	968.0	1019.6	1058.2	1063.3
155°	850.6	861.2	871.7	874.3	897.0	927.2	942.2	962.7	1003.8	1034.5	1037.8
157.5°	872.4	882.7	893.0	895.5	911.1	931.9	942.2	958.2	990.1	1014.0	1016.3
160°	887.2	895.2	903.1	905.1	917.5	934.0	942.2	956.0	983.3	1003.8	1005.2
162.5°	901.9	907.9	913.9	915.4	924.3	936.2	942.2	953.8	976.8	994.1	995.5
165°	917.9	923.3	928.7	930.1	934.2	939.6	942.2	950.5	967.0	979.4	980.8
167.5°	932.6	935.2	937.8	938.4	941.8	946.3	948.6	954.0	964.9	973.0	973.5
170°	942.2	944.8	947.4	948.0	948.3	948.5	948.6	954.0	964.9	973.0	973.0
172.5°	947.4	947.9	948.5	948.6	948.6	948.6	948.6	953.0	961.5	967.9	967.4
175°	954.4	954.4	954.4	954.4	952.5	949.9	948.6	951.3	956.7	960.8	960.8
177.5°	954.4	954.4	954.4	954.4	953.0	951.0	949.9	952.1	956.3	959.6	959.0
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7
2.5°	2205.6	2199.5	2205.6	2201.6	2203.6	2197.5	2179.2	2173.1	2179.2	2185.3	2185.3
5°	2232.1	2228.0	2232.1	2232.1	2230.1	2226.0	2205.6	2201.6	2205.6	2207.7	2203.6
7.5°	2240.2	2234.1	2240.2	2236.2	2236.2	2232.1	2211.7	2207.7	2209.7	2215.8	2209.7
10°	2240.2	2234.1	2240.2	2238.2	2236.2	2232.1	2211.7	2203.6	2203.6	2209.7	2203.6
12.5°	2230.1	2226.0	2230.1	2226.0	2226.0	2221.9	2201.6	2193.4	2195.4	2197.5	2189.3
15°	2213.8	2207.7	2213.8	2209.7	2211.7	2205.6	2183.3	2175.1	2175.1	2179.2	2164.9
17.5°	2189.3	2181.2	2189.3	2187.3	2185.3	2181.2	2160.9	2152.7	2150.7	2152.7	2142.5
20°	2160.9	2154.8	2160.9	2158.8	2158.8	2150.7	2130.4	2120.2	2120.2	2120.2	2110.0
22.5°	2116.1	2110.0	2116.1	2120.2	2120.2	2118.1	2099.8	2085.5	2081.5	2081.5	2069.3
25°	2065.2	2059.1	2065.2	2065.2	2063.2	2065.2	2059.1	2051.0	2044.9	2038.8	2026.6
27.5°	2016.4	2012.3	2016.4	2012.3	2016.4	2010.3	2008.2	2006.2	1998.1	1992.0	1975.7
30°	1967.6	1963.5	1967.6	1963.5	1959.4	1955.3	1945.2	1941.1	1949.3	1945.2	1918.8
32.5°	1906.5	1902.4	1906.5	1906.5	1902.4	1902.4	1886.2	1880.0	1882.1	1894.3	1869.9
35°	1843.5	1837.4	1843.5	1841.4	1843.5	1837.4	1827.1	1825.1	1817.0	1831.2	1812.9
37.5°	1770.2	1764.1	1770.2	1770.2	1770.2	1774.2	1766.1	1760.0	1747.8	1766.1	1751.9
40°	1694.9	1686.8	1694.9	1692.8	1694.9	1699.0	1694.9	1690.8	1678.6	1692.8	1680.7
42.5°	1609.5	1607.5	1609.5	1611.5	1611.5	1619.6	1625.7	1617.6	1613.5	1603.4	1611.5
45°	1517.9	1513.8	1517.9	1522.0	1524.0	1528.1	1546.4	1546.4	1540.3	1524.0	1536.2
47.5°	1420.2	1410.0	1420.2	1432.4	1432.4	1438.5	1456.8	1471.1	1460.9	1440.6	1446.7
50°	1316.5	1318.5	1316.5	1324.6	1324.6	1347.0	1361.2	1375.5	1385.6	1361.2	1332.7
52.5°	1214.8	1212.7	1214.8	1220.8	1229.0	1239.2	1263.6	1277.8	1294.1	1279.8	1235.1
55°	1113.0	1117.0	1113.0	1115.0	1119.1	1125.2	1161.9	1176.0	1206.6	1188.3	1141.4
57.5°	1011.2	1005.2	1011.2	1015.3	1017.3	1023.5	1054.0	1080.5	1098.7	1100.8	1043.8
60°	893.2	885.1	893.2	911.5	915.6	919.7	948.2	972.6	988.8	995.0	935.9
62.5°	789.5	775.2	789.5	801.6	809.8	820.0	840.3	877.0	891.2	893.2	809.8
65°	679.6	673.5	679.6	704.0	706.0	718.3	740.7	767.1	797.6	793.6	673.5
67.5°	579.9	579.9	579.9	596.1	608.4	614.5	643.0	655.2	693.8	697.9	561.6
70°	488.3	486.3	488.3	500.5	508.7	522.9	549.4	563.6	594.1	604.3	455.8
72.5°	400.9	398.8	400.9	411.0	419.1	431.4	453.8	470.0	496.5	508.7	354.0
75°	323.6	319.5	323.6	331.6	329.6	345.9	364.2	380.5	404.9	413.0	262.5
77.5°	248.2	248.2	248.2	256.4	256.4	272.7	280.8	301.1	315.4	327.6	193.3
80°	185.2	183.1	185.2	187.2	187.2	195.3	209.6	223.8	236.0	236.0	132.3
82.5°	130.2	126.1	130.2	130.2	130.2	134.3	142.5	146.5	154.6	160.8	83.4
85°	81.4	81.4	81.4	83.4	81.4	85.5	87.5	91.6	91.6	87.5	50.9
87.5°	52.9	50.9	52.9	50.9	50.9	48.8	48.8	48.8	46.8	44.7	28.5
90°	24.3	24.3	24.3	24.3	24.3	32.4	43.3	48.7	41.8	28.2	17.9
92.5°	97.6	78.2	97.6	116.9	121.7	172.6	240.2	274.1	240.7	173.8	123.7
95°	339.9	281.2	339.9	398.6	413.2	542.5	715.1	801.3	676.8	427.7	240.9
97.5°	814.3	702.7	814.3	925.9	953.8	1035.6	1144.6	1199.1	991.5	576.1	264.6
100°	1173.2	1040.3	1173.2	1306.2	1339.4	1333.4	1325.5	1321.5	1091.0	630.1	284.4
102.5°	1526.3	1412.4	1526.3	1640.2	1668.7	1564.5	1425.5	1356.0	1122.3	654.8	304.2
105°	1976.4	1915.2	1976.4	2037.7	2053.0	1819.4	1507.9	1352.2	1125.9	673.2	333.7
107.5°	2271.3	2286.1	2271.3	2256.5	2252.8	1927.0	1492.6	1275.4	1075.8	676.7	377.3
110°	2383.8	2447.5	2383.8	2320.0	2304.1	1939.8	1454.1	1211.3	1031.3	671.5	401.6

TEST NUMBER: P935224

CATALOG NUMBER: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2393.8	2491.7	2393.8	2295.9	2271.4	1898.6	1401.6	1153.0	992.6	671.7	431.1
115°	2330.3	2466.2	2330.3	2194.6	2160.6	1801.5	1322.6	1083.2	948.1	677.9	475.3
117.5°	2195.7	2346.3	2195.7	2045.1	2007.5	1683.4	1251.2	1035.1	920.2	690.5	518.2
120°	2087.3	2233.6	2087.3	1940.9	1904.4	1608.2	1213.4	1015.9	910.9	700.8	543.2
122.5°	1981.7	2126.0	1981.7	1837.4	1801.3	1534.5	1178.9	1001.2	905.9	715.5	572.6
125°	1831.0	1964.0	1831.0	1698.1	1664.8	1438.3	1136.2	985.1	901.9	735.4	610.5
127.5°	1695.5	1807.7	1695.5	1583.3	1555.2	1360.7	1101.4	971.7	899.6	755.2	647.0
130°	1615.6	1719.3	1615.6	1512.0	1486.1	1312.9	1082.0	966.6	901.0	769.7	671.3
132.5°	1543.2	1635.9	1543.2	1450.3	1427.1	1272.1	1065.4	962.1	901.9	781.5	691.2
135°	1443.9	1523.9	1443.9	1363.9	1343.9	1214.1	1041.0	954.4	901.1	794.3	714.3
137.5°	1364.2	1429.7	1364.2	1298.8	1282.4	1172.6	1026.3	953.1	906.6	813.5	743.7
140°	1309.5	1370.8	1309.5	1248.4	1233.1	1138.3	1011.9	948.6	907.5	825.2	763.5
142.5°	1264.3	1317.0	1264.3	1211.7	1198.5	1115.2	1004.2	948.6	910.8	835.1	778.2
145°	1196.4	1236.2	1196.4	1156.5	1146.6	1078.5	987.7	942.2	910.8	847.9	800.7
147.5°	1144.3	1177.3	1144.3	1111.3	1103.0	1049.4	978.0	942.2	917.1	866.7	828.9
150°	1111.5	1138.3	1111.5	1084.8	1078.1	1032.8	972.4	942.2	920.3	876.5	843.6
152.5°	1083.5	1103.6	1083.5	1063.3	1058.2	1019.6	968.0	942.2	922.5	882.9	853.2
155°	1051.2	1064.6	1051.2	1037.8	1034.5	1003.8	962.7	942.2	927.2	897.0	874.3
157.5°	1025.7	1035.1	1025.7	1016.3	1014.0	990.1	958.2	942.2	931.9	911.1	895.5
160°	1010.5	1015.9	1010.5	1005.2	1003.8	983.3	956.0	942.2	934.0	917.5	905.1
162.5°	1000.5	1005.7	1000.5	995.5	994.1	976.8	953.8	942.2	936.2	924.3	915.4
165°	986.2	991.6	986.2	980.8	979.4	967.0	950.5	942.2	939.6	934.2	930.1
167.5°	975.8	978.1	975.8	973.5	973.0	964.9	954.0	948.6	946.3	941.8	938.4
170°	973.0	973.0	973.0	973.0	973.0	964.9	954.0	948.6	948.5	948.3	948.0
172.5°	965.4	963.4	965.4	967.4	967.9	961.5	953.0	948.6	948.6	948.6	948.6
175°	960.8	960.8	960.8	960.8	960.8	956.7	951.3	948.6	949.9	952.5	954.4
177.5°	956.7	954.4	956.7	959.0	959.6	956.3	952.1	949.9	951.0	953.0	954.4
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4

TEST NUMBER: P935224

CATALOG NUMBER: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7
2.5°	2181.2	2169.0	2169.0	2148.7	2140.5	2134.4	2124.2	2093.7	2085.5	2077.5	2089.6
5°	2199.5	2177.1	2160.9	2124.2	2093.7	2081.5	2042.8	1969.6	1920.8	1884.1	1863.8
7.5°	2203.6	2175.1	2144.6	2087.6	2014.3	1981.8	1863.8	1729.5	1692.8	1660.4	1639.9
10°	2199.5	2166.9	2124.2	2038.8	1865.8	1808.9	1690.8	1603.4	1581.0	1574.9	1581.0
12.5°	2185.3	2154.8	2095.7	1953.3	1711.2	1672.5	1603.4	1552.5	1548.4	1558.6	1613.5
15°	2160.9	2132.4	2063.2	1839.4	1625.7	1597.2	1548.4	1530.1	1552.5	1623.7	1788.5
17.5°	2136.4	2103.9	2018.4	1727.5	1560.6	1540.3	1505.7	1542.3	1668.4	1764.1	1819.0
20°	2103.9	2065.2	1967.6	1646.1	1513.8	1495.5	1479.2	1644.0	1739.7	1774.2	1804.8
22.5°	2065.2	2024.6	1898.4	1589.1	1465.0	1450.8	1460.9	1701.0	1739.7	1764.1	1790.6
25°	2014.3	1979.7	1817.0	1544.3	1426.3	1410.0	1448.7	1694.9	1717.3	1723.4	1776.3
27.5°	1967.6	1922.8	1731.5	1503.7	1379.5	1373.4	1458.9	1668.4	1684.8	1690.8	1747.8
30°	1910.6	1843.5	1635.9	1460.9	1330.7	1328.6	1460.9	1635.9	1631.9	1648.1	1705.1
32.5°	1851.6	1725.4	1528.1	1408.0	1283.9	1281.9	1446.7	1587.0	1583.0	1605.4	1648.1
35°	1796.6	1633.9	1381.5	1347.0	1224.9	1226.9	1412.1	1530.1	1532.1	1552.5	1579.0
37.5°	1739.7	1554.5	1220.8	1279.8	1167.9	1167.9	1365.3	1477.2	1473.2	1479.2	1515.8
40°	1672.5	1430.4	1078.4	1192.3	1115.0	1108.9	1308.3	1420.2	1405.9	1403.9	1454.8
42.5°	1601.3	1294.1	972.6	1076.4	1054.0	1045.8	1239.2	1351.0	1324.6	1330.7	1395.8
45°	1524.0	1257.4	891.2	909.5	990.9	984.8	1163.9	1271.7	1253.4	1269.7	1336.8
47.5°	1446.7	1184.2	864.8	754.9	923.8	921.7	1080.5	1194.3	1184.2	1200.5	1271.7
50°	1340.9	1102.8	862.7	647.0	848.5	856.6	980.7	1119.1	1119.1	1133.4	1208.6
52.5°	1204.5	1003.1	783.4	586.0	761.0	785.4	893.2	1054.0	1058.1	1072.3	1139.4
55°	1080.5	899.4	726.4	539.2	657.2	710.1	807.8	986.8	995.0	1009.2	1070.2
57.5°	966.5	748.7	714.2	484.3	561.6	612.5	732.5	921.7	925.8	938.0	997.0
60°	844.4	541.2	655.2	425.3	478.2	516.8	663.3	844.4	858.6	866.8	917.7
62.5°	706.0	392.7	594.1	384.5	437.4	445.6	606.4	771.2	789.5	795.6	826.1
65°	502.6	329.6	504.6	350.0	394.7	396.8	545.3	695.8	712.2	722.3	744.7
67.5°	339.8	268.6	384.5	317.4	362.2	364.2	486.3	608.4	630.8	638.9	653.1
70°	236.0	179.0	284.8	282.8	325.6	329.6	423.2	529.0	549.4	555.5	563.6
72.5°	172.9	144.5	236.0	254.3	286.9	291.0	358.1	439.5	459.8	465.9	470.0
75°	132.3	152.6	191.3	221.8	244.2	246.2	293.0	358.1	372.4	376.5	378.5
77.5°	105.8	142.5	140.4	179.0	199.4	195.3	229.9	276.7	288.9	288.9	288.9
80°	79.4	111.9	105.8	128.2	146.5	142.5	164.8	197.4	201.4	205.5	203.4
82.5°	59.0	71.2	71.2	81.4	97.6	93.6	109.9	128.2	128.2	128.2	132.3
85°	36.7	40.7	32.6	42.7	54.9	52.9	61.1	69.1	71.2	71.2	67.1
87.5°	22.4	18.3	10.2	16.2	24.4	24.4	28.5	30.5	28.5	28.5	28.5
90°	16.6	11.6	6.4	11.6	16.6	17.9	28.2	41.8	48.7	43.3	32.4
92.5°	112.8	69.2	25.6	69.2	112.8	123.7	173.8	240.7	274.1	240.2	172.6
95°	220.9	141.2	61.5	141.2	220.9	240.9	427.7	676.8	801.3	715.1	542.5
97.5°	247.0	176.6	106.3	176.6	247.0	264.6	576.1	991.5	1199.1	1144.6	1035.6
100°	268.5	204.7	140.9	204.7	268.5	284.4	630.1	1091.0	1321.5	1325.5	1333.4
102.5°	289.4	229.8	170.4	229.8	289.4	304.2	654.8	1122.3	1356.0	1425.5	1564.5
105°	321.1	270.7	220.4	270.7	321.1	333.7	673.2	1125.9	1352.2	1507.9	1819.4
107.5°	365.5	318.5	271.6	318.5	365.5	377.3	676.7	1075.8	1275.4	1492.6	1927.0
110°	391.0	348.6	306.2	348.6	391.0	401.6	671.5	1031.3	1211.3	1454.1	1939.8

TEST NUMBER: P935224

CATALOG NUMBER: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	421.0	380.5	340.1	380.5	421.0	431.1	671.7	992.6	1153.0	1401.6	1898.6
115°	466.0	428.7	391.4	428.7	466.0	475.3	677.9	948.1	1083.2	1322.6	1801.5
117.5°	509.7	475.9	442.0	475.9	509.7	518.2	690.5	920.2	1035.1	1251.2	1683.4
120°	535.2	503.3	471.5	503.3	535.2	543.2	700.8	910.9	1015.9	1213.4	1608.2
122.5°	564.6	532.5	500.3	532.5	564.6	572.6	715.5	905.9	1001.2	1178.9	1534.5
125°	603.1	573.8	544.5	573.8	603.1	610.5	735.4	901.9	985.1	1136.2	1438.3
127.5°	639.6	609.9	580.3	609.9	639.6	647.0	755.2	899.6	971.7	1101.4	1360.7
130°	663.3	631.4	599.5	631.4	663.3	671.3	769.7	901.0	966.6	1082.0	1312.9
132.5°	683.1	651.3	619.4	651.3	683.1	691.2	781.5	901.9	962.1	1065.4	1272.1
135°	707.0	677.9	648.9	677.9	707.0	714.3	794.3	901.1	954.4	1041.0	1214.1
137.5°	736.5	707.7	679.0	707.7	736.5	743.7	813.5	906.6	953.1	1026.3	1172.6
140°	756.9	730.4	703.9	730.4	756.9	763.5	825.2	907.5	948.6	1011.9	1138.3
142.5°	772.2	747.7	723.2	747.7	772.2	778.2	835.1	910.8	948.6	1004.2	1115.2
145°	795.4	774.0	752.7	774.0	795.4	800.7	847.9	910.8	942.2	987.7	1078.5
147.5°	823.7	802.9	782.1	802.9	823.7	828.9	866.7	917.1	942.2	978.0	1049.4
150°	838.9	820.1	801.3	820.1	838.9	843.6	876.5	920.3	942.2	972.4	1032.8
152.5°	849.7	835.4	821.2	835.4	849.7	853.2	882.9	922.5	942.2	968.0	1019.6
155°	871.7	861.2	850.6	861.2	871.7	874.3	897.0	927.2	942.2	962.7	1003.8
157.5°	893.0	882.7	872.4	882.7	893.0	895.5	911.1	931.9	942.2	958.2	990.1
160°	903.1	895.2	887.2	895.2	903.1	905.1	917.5	934.0	942.2	956.0	983.3
162.5°	913.9	907.9	901.9	907.9	913.9	915.4	924.3	936.2	942.2	953.8	976.8
165°	928.7	923.3	917.9	923.3	928.7	930.1	934.2	939.6	942.2	950.5	967.0
167.5°	937.8	935.2	932.6	935.2	937.8	938.4	941.8	946.3	948.6	954.0	964.9
170°	947.4	944.8	942.2	944.8	947.4	948.0	948.3	948.5	948.6	954.0	964.9
172.5°	948.5	947.9	947.4	947.9	948.5	948.6	948.6	948.6	948.6	953.0	961.5
175°	954.4	954.4	954.4	954.4	954.4	954.4	952.5	949.9	948.6	951.3	956.7
177.5°	954.4	954.4	954.4	954.4	954.4	954.4	953.0	951.0	949.9	952.1	956.3
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4

TEST NUMBER: P935224

CATALOG NUMBER: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7	2150.7
2.5°	2075.4	2069.3	2077.5	2055.1	2077.5	2069.3	2075.4	2089.6	2077.5	2085.5	2093.7
5°	1821.0	1810.9	1778.3	1751.9	1778.3	1810.9	1821.0	1863.8	1884.1	1920.8	1969.6
7.5°	1627.8	1619.6	1611.5	1595.2	1611.5	1619.6	1627.8	1639.9	1660.4	1692.8	1729.5
10°	1585.0	1587.0	1599.3	1597.2	1599.3	1587.0	1585.0	1581.0	1574.9	1581.0	1603.4
12.5°	1694.9	1713.2	1780.4	1776.3	1780.4	1713.2	1694.9	1613.5	1558.6	1548.4	1552.5
15°	1821.0	1827.1	1841.4	1843.5	1841.4	1827.1	1821.0	1788.5	1623.7	1552.5	1530.1
17.5°	1833.3	1835.3	1845.5	1845.5	1845.5	1835.3	1833.3	1819.0	1764.1	1668.4	1542.3
20°	1823.1	1827.1	1847.5	1851.6	1847.5	1827.1	1823.1	1804.8	1774.2	1739.7	1644.0
22.5°	1819.0	1827.1	1843.5	1841.4	1843.5	1827.1	1819.0	1790.6	1764.1	1739.7	1701.0
25°	1798.6	1798.6	1800.7	1802.7	1800.7	1798.6	1798.6	1776.3	1723.4	1717.3	1694.9
27.5°	1756.0	1760.0	1772.2	1770.2	1772.2	1760.0	1756.0	1747.8	1690.8	1684.8	1668.4
30°	1717.3	1713.2	1703.0	1694.9	1703.0	1713.2	1717.3	1705.1	1648.1	1631.9	1635.9
32.5°	1652.2	1642.0	1631.9	1625.7	1631.9	1642.0	1652.2	1648.1	1605.4	1583.0	1587.0
35°	1574.9	1576.9	1574.9	1568.7	1574.9	1576.9	1574.9	1579.0	1552.5	1532.1	1530.1
37.5°	1519.9	1524.0	1522.0	1513.8	1522.0	1524.0	1519.9	1515.8	1479.2	1473.2	1477.2
40°	1462.9	1465.0	1462.9	1456.8	1462.9	1465.0	1462.9	1454.8	1403.9	1405.9	1420.2
42.5°	1408.0	1405.9	1399.9	1395.8	1399.9	1405.9	1408.0	1395.8	1330.7	1324.6	1351.0
45°	1345.0	1347.0	1334.8	1328.6	1334.8	1347.0	1345.0	1336.8	1269.7	1253.4	1271.7
47.5°	1281.9	1281.9	1271.7	1265.6	1271.7	1281.9	1281.9	1271.7	1200.5	1184.2	1194.3
50°	1214.8	1212.7	1198.4	1196.4	1198.4	1212.7	1214.8	1208.6	1133.4	1119.1	1119.1
52.5°	1137.4	1137.4	1139.4	1143.5	1139.4	1137.4	1137.4	1139.4	1072.3	1058.1	1054.0
55°	1070.2	1072.3	1086.5	1090.6	1086.5	1072.3	1070.2	1070.2	1009.2	995.0	986.8
57.5°	1001.1	1001.1	1011.2	1011.2	1011.2	1001.1	1001.1	997.0	938.0	925.8	921.7
60°	921.7	925.8	933.9	931.9	933.9	925.8	921.7	917.7	866.8	858.6	844.4
62.5°	838.3	842.4	844.4	840.3	844.4	842.4	838.3	826.1	795.6	789.5	771.2
65°	750.8	754.9	756.9	752.8	756.9	754.9	750.8	744.7	722.3	712.2	695.8
67.5°	661.3	659.3	657.2	665.4	657.2	659.3	661.3	653.1	638.9	630.8	608.4
70°	569.7	569.7	567.6	571.7	567.6	569.7	569.7	563.6	555.5	549.4	529.0
72.5°	472.1	470.0	478.2	472.1	478.2	470.0	472.1	470.0	465.9	459.8	439.5
75°	376.5	380.5	376.5	382.5	376.5	380.5	376.5	378.5	376.5	372.4	358.1
77.5°	286.9	291.0	286.9	286.9	286.9	291.0	286.9	288.9	288.9	288.9	276.7
80°	203.4	201.4	201.4	199.4	201.4	201.4	203.4	203.4	205.5	201.4	197.4
82.5°	130.2	128.2	128.2	132.3	128.2	128.2	130.2	132.3	128.2	128.2	128.2
85°	71.2	73.2	69.1	69.1	69.1	73.2	71.2	67.1	71.2	71.2	69.1
87.5°	26.5	24.4	24.4	24.4	24.4	24.4	26.5	28.5	28.5	28.5	30.5
90°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	32.4	43.3	48.7	41.8
92.5°	121.7	116.9	97.6	78.2	97.6	116.9	121.7	172.6	240.2	274.1	240.7
95°	413.2	398.6	339.9	281.2	339.9	398.6	413.2	542.5	715.1	801.3	676.8
97.5°	953.8	925.9	814.3	702.7	814.3	925.9	953.8	1035.6	1144.6	1199.1	991.5
100°	1339.4	1306.2	1173.2	1040.3	1173.2	1306.2	1339.4	1333.4	1325.5	1321.5	1091.0
102.5°	1668.7	1640.2	1526.3	1412.4	1526.3	1640.2	1668.7	1564.5	1425.5	1356.0	1122.3
105°	2053.0	2037.7	1976.4	1915.2	1976.4	2037.7	2053.0	1819.4	1507.9	1352.2	1125.9
107.5°	2252.8	2256.5	2271.3	2286.1	2271.3	2256.5	2252.8	1927.0	1492.6	1275.4	1075.8
110°	2304.1	2320.0	2383.8	2447.5	2383.8	2320.0	2304.1	1939.8	1454.1	1211.3	1031.3

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2271.4	2295.9	2393.8	2491.7	2393.8	2295.9	2271.4	1898.6	1401.6	1153.0	992.6
115°	2160.6	2194.6	2330.3	2466.2	2330.3	2194.6	2160.6	1801.5	1322.6	1083.2	948.1
117.5°	2007.5	2045.1	2195.7	2346.3	2195.7	2045.1	2007.5	1683.4	1251.2	1035.1	920.2
120°	1904.4	1940.9	2087.3	2233.6	2087.3	1940.9	1904.4	1608.2	1213.4	1015.9	910.9
122.5°	1801.3	1837.4	1981.7	2126.0	1981.7	1837.4	1801.3	1534.5	1178.9	1001.2	905.9
125°	1664.8	1698.1	1831.0	1964.0	1831.0	1698.1	1664.8	1438.3	1136.2	985.1	901.9
127.5°	1555.2	1583.3	1695.5	1807.7	1695.5	1583.3	1555.2	1360.7	1101.4	971.7	899.6
130°	1486.1	1512.0	1615.6	1719.3	1615.6	1512.0	1486.1	1312.9	1082.0	966.6	901.0
132.5°	1427.1	1450.3	1543.2	1635.9	1543.2	1450.3	1427.1	1272.1	1065.4	962.1	901.9
135°	1343.9	1363.9	1443.9	1523.9	1443.9	1363.9	1343.9	1214.1	1041.0	954.4	901.1
137.5°	1282.4	1298.8	1364.2	1429.7	1364.2	1298.8	1282.4	1172.6	1026.3	953.1	906.6
140°	1233.1	1248.4	1309.5	1370.8	1309.5	1248.4	1233.1	1138.3	1011.9	948.6	907.5
142.5°	1198.5	1211.7	1264.3	1317.0	1264.3	1211.7	1198.5	1115.2	1004.2	948.6	910.8
145°	1146.6	1156.5	1196.4	1236.2	1196.4	1156.5	1146.6	1078.5	987.7	942.2	910.8
147.5°	1103.0	1111.3	1144.3	1177.3	1144.3	1111.3	1103.0	1049.4	978.0	942.2	917.1
150°	1078.1	1084.8	1111.5	1138.3	1111.5	1084.8	1078.1	1032.8	972.4	942.2	920.3
152.5°	1058.2	1063.3	1083.5	1103.6	1083.5	1063.3	1058.2	1019.6	968.0	942.2	922.5
155°	1034.5	1037.8	1051.2	1064.6	1051.2	1037.8	1034.5	1003.8	962.7	942.2	927.2
157.5°	1014.0	1016.3	1025.7	1035.1	1025.7	1016.3	1014.0	990.1	958.2	942.2	931.9
160°	1003.8	1005.2	1010.5	1015.9	1010.5	1005.2	1003.8	983.3	956.0	942.2	934.0
162.5°	994.1	995.5	1000.5	1005.7	1000.5	995.5	994.1	976.8	953.8	942.2	936.2
165°	979.4	980.8	986.2	991.6	986.2	980.8	979.4	967.0	950.5	942.2	939.6
167.5°	973.0	973.5	975.8	978.1	975.8	973.5	973.0	964.9	954.0	948.6	946.3
170°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	964.9	954.0	948.6	948.5
172.5°	967.9	967.4	965.4	963.4	965.4	967.4	967.9	961.5	953.0	948.6	948.6
175°	960.8	960.8	960.8	960.8	960.8	960.8	960.8	956.7	951.3	948.6	949.9
177.5°	959.6	959.0	956.7	954.4	956.7	959.0	959.6	956.3	952.1	949.9	951.0
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2150.7	2150.7	2150.7	2150.7	2150.7
2.5°	2124.2	2134.4	2140.5	2148.7	2169.0
5°	2042.8	2081.5	2093.7	2124.2	2160.9
7.5°	1863.8	1981.8	2014.3	2087.6	2144.6
10°	1690.8	1808.9	1865.8	2038.8	2124.2
12.5°	1603.4	1672.5	1711.2	1953.3	2095.7
15°	1548.4	1597.2	1625.7	1839.4	2063.2
17.5°	1505.7	1540.3	1560.6	1727.5	2018.4
20°	1479.2	1495.5	1513.8	1646.1	1967.6
22.5°	1460.9	1450.8	1465.0	1589.1	1898.4
25°	1448.7	1410.0	1426.3	1544.3	1817.0
27.5°	1458.9	1373.4	1379.5	1503.7	1731.5
30°	1460.9	1328.6	1330.7	1460.9	1635.9
32.5°	1446.7	1281.9	1283.9	1408.0	1528.1
35°	1412.1	1226.9	1224.9	1347.0	1381.5
37.5°	1365.3	1167.9	1167.9	1279.8	1220.8
40°	1308.3	1108.9	1115.0	1192.3	1078.4
42.5°	1239.2	1045.8	1054.0	1076.4	972.6
45°	1163.9	984.8	990.9	909.5	891.2
47.5°	1080.5	921.7	923.8	754.9	864.8
50°	980.7	856.6	848.5	647.0	862.7
52.5°	893.2	785.4	761.0	586.0	783.4
55°	807.8	710.1	657.2	539.2	726.4
57.5°	732.5	612.5	561.6	484.3	714.2
60°	663.3	516.8	478.2	425.3	655.2
62.5°	606.4	445.6	437.4	384.5	594.1
65°	545.3	396.8	394.7	350.0	504.6
67.5°	486.3	364.2	362.2	317.4	384.5
70°	423.2	329.6	325.6	282.8	284.8
72.5°	358.1	291.0	286.9	254.3	236.0
75°	293.0	246.2	244.2	221.8	191.3
77.5°	229.9	195.3	199.4	179.0	140.4
80°	164.8	142.5	146.5	128.2	105.8
82.5°	109.9	93.6	97.6	81.4	71.2
85°	61.1	52.9	54.9	42.7	32.6
87.5°	28.5	24.4	24.4	16.2	10.2
90°	28.2	17.9	16.6	11.6	6.4
92.5°	173.8	123.7	112.8	69.2	25.6
95°	427.7	240.9	220.9	141.2	61.5
97.5°	576.1	264.6	247.0	176.6	106.3
100°	630.1	284.4	268.5	204.7	140.9
102.5°	654.8	304.2	289.4	229.8	170.4
105°	673.2	333.7	321.1	270.7	220.4
107.5°	676.7	377.3	365.5	318.5	271.6
110°	671.5	401.6	391.0	348.6	306.2

TEST NUMBER: P935224

CATALOG NUMBER: SQ4-FA-100U-100D-927-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	671.7	431.1	421.0	380.5	340.1
115°	677.9	475.3	466.0	428.7	391.4
117.5°	690.5	518.2	509.7	475.9	442.0
120°	700.8	543.2	535.2	503.3	471.5
122.5°	715.5	572.6	564.6	532.5	500.3
125°	735.4	610.5	603.1	573.8	544.5
127.5°	755.2	647.0	639.6	609.9	580.3
130°	769.7	671.3	663.3	631.4	599.5
132.5°	781.5	691.2	683.1	651.3	619.4
135°	794.3	714.3	707.0	677.9	648.9
137.5°	813.5	743.7	736.5	707.7	679.0
140°	825.2	763.5	756.9	730.4	703.9
142.5°	835.1	778.2	772.2	747.7	723.2
145°	847.9	800.7	795.4	774.0	752.7
147.5°	866.7	828.9	823.7	802.9	782.1
150°	876.5	843.6	838.9	820.1	801.3
152.5°	882.9	853.2	849.7	835.4	821.2
155°	897.0	874.3	871.7	861.2	850.6
157.5°	911.1	895.5	893.0	882.7	872.4
160°	917.5	905.1	903.1	895.2	887.2
162.5°	924.3	915.4	913.9	907.9	901.9
165°	934.2	930.1	928.7	923.3	917.9
167.5°	941.8	938.4	937.8	935.2	932.6
170°	948.3	948.0	947.4	944.8	942.2
172.5°	948.6	948.6	948.5	947.9	947.4
175°	952.5	954.4	954.4	954.4	954.4
177.5°	953.0	954.4	954.4	954.4	954.4
180°	954.4	954.4	954.4	954.4	954.4

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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	12.56	13.40	13.54	14.39	15.69	15.39	16.23	16.37	17.22	18.53
	3H	13.03	13.78	14.02	14.78	16.11	16.74	17.49	17.73	18.49	19.82
	4H	13.22	13.93	14.22	14.94	16.27	17.18	17.90	18.19	18.90	20.24
	6H	13.34	13.99	14.35	15.00	16.35	17.47	18.13	18.48	19.13	20.48
	8H	13.34	13.96	14.36	14.99	16.34	17.55	18.17	18.56	19.19	20.54
	12H	13.31	13.90	14.33	14.92	16.29	17.58	18.18	18.61	19.20	20.57
4H	2H	13.59	14.30	14.60	15.30	16.64	15.80	16.51	16.81	17.52	18.85
	3H	14.61	15.21	15.63	16.24	17.59	17.31	17.90	18.32	18.93	20.28
	4H	14.89	15.43	15.91	16.46	17.83	17.83	18.38	18.86	19.40	20.78
	6H	15.01	15.48	16.05	16.53	17.90	18.20	18.67	19.24	19.72	21.09
	8H	15.02	15.45	16.05	16.49	17.88	18.31	18.74	19.35	19.79	21.17
	12H	14.98	15.38	16.04	16.43	17.82	18.36	18.76	19.42	19.82	21.21
8H	4H	15.34	15.78	16.38	16.82	18.20	17.96	18.39	18.99	19.43	20.82
	6H	15.60	15.96	16.66	17.05	18.43	18.39	18.75	19.46	19.84	21.22
	8H	15.64	15.96	16.71	17.03	18.43	18.55	18.86	19.62	19.93	21.33
	12H	15.63	15.91	16.70	16.97	18.41	18.65	18.92	19.72	19.99	21.43
12H	4H	15.35	15.74	16.40	16.80	18.19	17.92	18.31	18.98	19.37	20.76
	6H	15.66	15.98	16.73	17.05	18.45	18.39	18.71	19.46	19.78	21.18
	8H	15.73	16.01	16.80	17.07	18.51	18.55	18.83	19.63	19.89	21.34

END OF REPORT