

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: P935323

Luminaire Tested: SQ4-FA-100U-125D-927-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935323
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-927-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

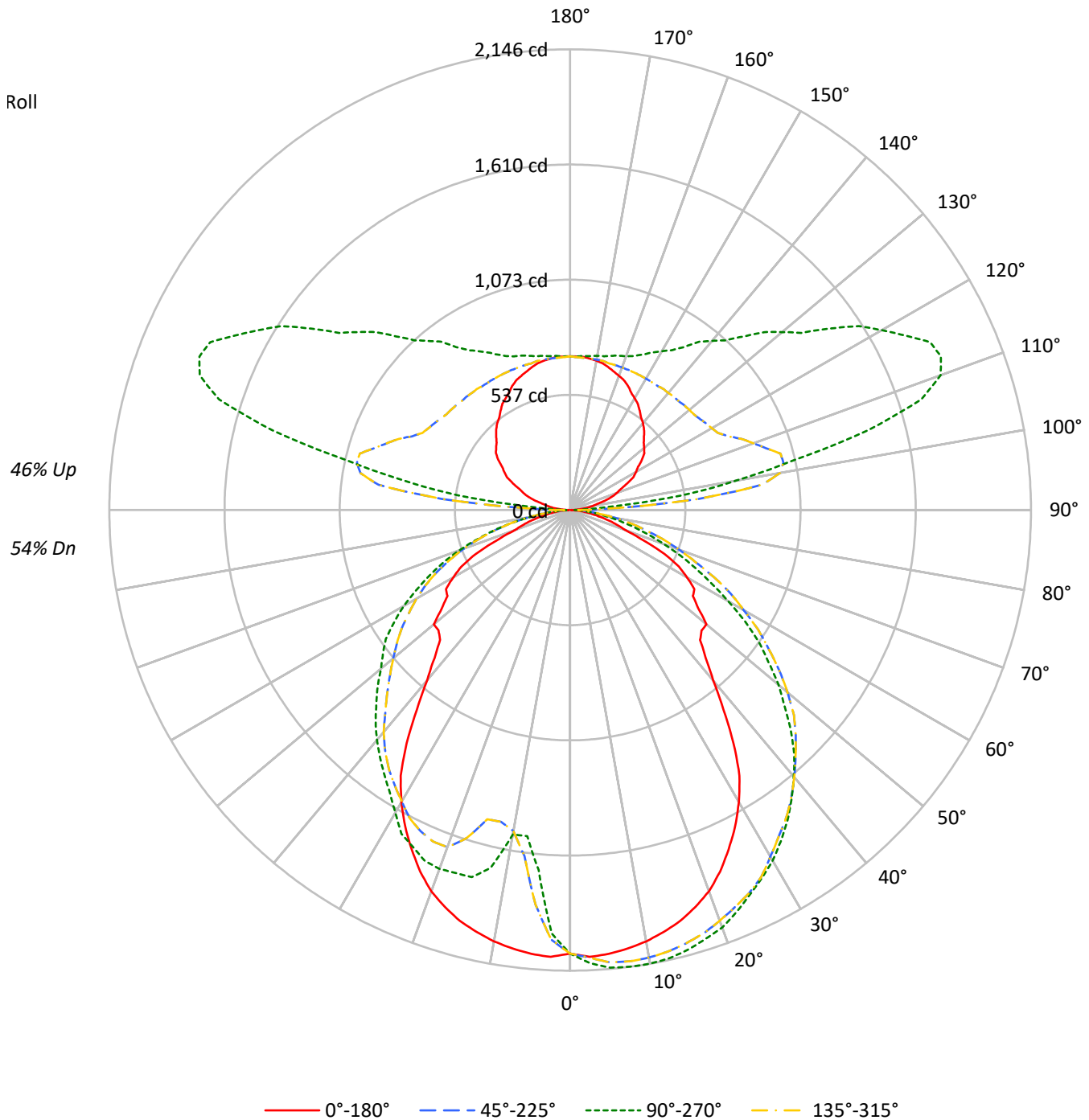
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9999.2 lumens
Efficiency: N/A
Efficacy: 96.9 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

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Luminous Intensity Polar Plot





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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°	12779	12779	12779	12779
5°	12870	12900	12870	10143
10°	12779	12707	12779	9084
15°	12635	12432	12635	10380
20°	12367	12106	12367	10403
25°	11820	11630	11820	10182
30°	11117	11235	11117	9698
35°	9906	10736	9906	9166
40°	8249	10148	8249	8764
45°	7366	9459	7366	8302
50°	7820	8638	7820	7838
55°	7350	7753	7350	7570
60°	7567	6586	7567	6933
65°	6850	5444	6850	6085
70°	4732	4338	4732	5101
75°	4134	3206	4134	3840
80°	3307	2120	3307	2308
85°	1866	1123	1866	955

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11297 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.5	1.9
10°-20°	529.4	5.3
20°-30°	818.4	8.2
30°-40°	977.0	9.8
40°-50°	982.7	9.8
50°-60°	855.1	8.6
60°-70°	606.3	6.1
70°-80°	320.8	3.2
80°-90°	82.6	0.8
90°-100°	348.9	3.5
100°-110°	917.3	9.2
110°-120°	951.2	9.5
120°-130°	763.0	7.6
130°-140°	598.7	6.0
140°-150°	459.5	4.6
150°-160°	330.9	3.3
160°-170°	202.5	2.0
170°-180°	68.4	0.7
0°-30°	1534.3	15.3
0°-40°	2511.3	25.1
0°-60°	4349.2	43.5
0°-90°	5358.8	53.6
90°-120°	2217.4	22.2
90°-150°	4038.6	40.4
90°-180°	4640.0	46.4
0°-180°	9999.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2066	2066	2066	2066	2066	
5°	2076	2140	2076	1683	2076	197
15°	1982	2120	1982	1771	1982	558
25°	1745	1978	1745	1732	1745	801
35°	1327	1765	1327	1507	1327	821
45°	856	1454	856	1276	856	686
55°	698	1073	698	1048	698	641
65°	485	647	485	723	485	463
75°	184	307	184	367	184	193
85°	31	78	31	66	31	42
90°	5	18	5	18	5	5
95°	46	211	46	211	46	51
105°	165	1436	165	1436	165	175
115°	294	1850	294	1850	294	290
125°	408	1473	408	1473	408	363
135°	487	1143	487	1143	487	377
145°	564	927	564	927	564	354
155°	638	798	638	798	638	293
165°	688	744	688	744	688	194
175°	716	721	716	721	716	68
180°	716	716	716	716	716	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2083.3	2083.3	2095.1	2098.9	2098.9	2093.1	2087.2	2093.1	2110.7	2116.6	2114.6
5°	2075.5	2091.2	2112.6	2116.6	2120.5	2118.5	2114.6	2118.5	2138.1	2142.0	2143.9
7.5°	2059.9	2089.2	2116.6	2122.4	2128.3	2122.4	2120.5	2124.4	2143.9	2147.8	2147.8
10°	2040.3	2081.4	2112.6	2116.6	2122.4	2116.6	2116.6	2124.4	2143.9	2147.8	2149.8
12.5°	2013.0	2069.7	2098.9	2102.9	2110.7	2108.7	2106.8	2114.6	2134.1	2138.1	2138.1
15°	1981.7	2048.1	2075.5	2079.5	2093.1	2089.2	2089.2	2097.0	2118.5	2124.4	2122.4
17.5°	1938.7	2020.8	2052.0	2057.9	2067.7	2065.8	2067.7	2075.5	2095.1	2098.9	2100.9
20°	1889.9	1983.7	2020.8	2026.6	2036.4	2036.4	2036.4	2046.2	2065.8	2073.5	2073.5
22.5°	1823.4	1944.6	1983.7	1987.6	1999.3	1999.3	2003.2	2016.9	2034.5	2036.4	2036.4
25°	1745.2	1901.6	1934.8	1946.6	1958.3	1964.1	1970.0	1977.8	1983.7	1981.7	1983.7
27.5°	1663.1	1846.8	1889.9	1897.7	1913.3	1919.1	1927.0	1928.9	1930.9	1936.8	1932.9
30°	1571.3	1770.6	1835.1	1842.9	1868.3	1872.3	1864.5	1868.3	1878.1	1882.0	1886.0
32.5°	1467.7	1657.3	1778.5	1796.0	1819.5	1807.8	1805.8	1811.7	1827.3	1827.3	1831.2
35°	1327.0	1569.3	1725.7	1741.4	1758.9	1745.2	1753.1	1755.0	1764.8	1770.6	1768.7
37.5°	1172.6	1493.1	1671.0	1682.7	1696.4	1678.8	1690.5	1696.4	1704.2	1700.3	1700.3
40°	1035.8	1373.9	1606.5	1614.3	1626.0	1612.3	1624.1	1628.0	1631.9	1628.0	1626.0
42.5°	934.2	1242.9	1538.1	1547.9	1540.0	1549.8	1553.7	1561.6	1555.6	1547.9	1547.9
45°	856.0	1207.8	1463.8	1475.6	1463.8	1479.5	1485.3	1485.3	1467.7	1463.8	1461.8
47.5°	830.6	1137.4	1389.5	1389.5	1383.7	1403.2	1413.0	1399.3	1381.7	1375.8	1375.8
50°	828.7	1059.3	1287.9	1280.1	1307.5	1330.9	1321.2	1307.5	1293.8	1272.3	1272.3
52.5°	752.4	963.5	1157.0	1186.3	1229.3	1242.9	1227.3	1213.7	1190.2	1180.4	1172.6
55°	697.7	863.8	1037.7	1096.4	1141.4	1158.9	1129.6	1116.0	1080.8	1074.9	1071.0
57.5°	686.0	719.2	928.3	1002.6	1057.3	1055.4	1037.7	1012.3	983.1	977.2	975.2
60°	629.3	519.8	811.0	899.0	955.6	949.8	934.2	910.8	883.3	879.5	875.6
62.5°	570.6	377.2	678.1	777.9	857.9	856.0	842.3	807.1	787.6	777.9	770.0
65°	484.7	316.6	482.7	646.9	762.2	766.1	736.8	711.4	689.9	678.1	676.2
67.5°	369.4	258.0	326.4	539.4	670.4	666.4	629.3	617.5	590.2	584.4	572.6
70°	273.6	172.0	226.7	437.7	580.4	570.6	541.4	527.7	502.3	488.6	480.8
72.5°	226.7	138.8	166.1	340.0	488.6	476.9	451.5	435.8	414.3	402.6	394.8
75°	183.7	146.6	127.0	252.1	396.7	388.9	365.4	349.8	332.3	316.6	318.5
77.5°	134.8	136.8	101.6	185.6	314.6	302.9	289.2	269.7	261.9	246.2	246.2
80°	101.6	107.5	76.2	127.0	226.7	226.7	215.0	201.3	187.6	179.8	179.8
82.5°	68.4	68.4	56.7	80.2	154.4	148.5	140.7	136.8	129.0	125.0	125.0
85°	31.3	39.1	35.2	48.9	84.0	87.9	87.9	84.0	82.1	78.2	80.2
87.5°	9.8	17.6	21.5	27.3	43.0	45.0	46.9	46.9	46.9	48.9	48.9
90°	4.8	8.6	12.5	13.5	21.2	31.4	36.5	32.4	24.3	18.2	18.2
92.5°	19.2	51.9	84.5	92.7	130.4	180.5	205.6	180.2	129.4	91.2	87.6
95°	46.1	105.9	165.7	180.6	320.8	507.6	601.0	536.3	406.9	309.8	298.8
97.5°	79.8	132.5	185.3	198.4	432.0	743.6	899.4	858.5	776.7	715.3	694.4
100°	105.7	153.5	201.4	213.3	472.5	818.2	991.1	994.1	1000.1	1004.5	979.6
102.5°	127.8	172.5	217.1	228.2	491.2	841.8	1017.0	1069.1	1173.3	1251.5	1230.2
105°	165.2	203.0	240.9	250.3	505.0	844.5	1014.2	1131.0	1364.5	1539.7	1528.2
107.5°	203.7	238.9	274.2	283.0	507.5	806.8	956.5	1119.4	1445.2	1689.6	1692.4
110°	229.6	261.4	293.3	301.2	503.7	773.5	908.4	1090.6	1454.8	1728.0	1740.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	255.1	285.4	315.8	323.3	503.8	744.4	864.7	1051.1	1424.0	1703.5	1721.9
115°	293.5	321.5	349.4	356.4	508.4	711.0	812.4	991.9	1351.1	1620.5	1646.0
117.5°	331.5	356.9	382.3	388.6	517.8	690.2	776.3	938.4	1262.5	1505.6	1533.8
120°	353.6	377.5	401.4	407.4	525.6	683.1	761.9	910.0	1206.1	1428.3	1455.7
122.5°	375.2	399.3	423.5	429.5	536.6	679.4	750.9	884.3	1150.9	1350.9	1378.0
125°	408.3	430.4	452.4	457.8	551.6	676.4	738.9	852.2	1078.7	1248.6	1273.6
127.5°	435.3	457.5	479.7	485.3	566.4	674.7	728.8	826.1	1020.6	1166.5	1187.5
130°	449.7	473.6	497.5	503.5	577.3	675.8	725.0	811.5	984.7	1114.6	1134.0
132.5°	464.5	488.5	512.4	518.4	586.1	676.4	721.6	799.1	954.1	1070.4	1087.8
135°	486.6	508.4	530.2	535.7	595.7	675.8	715.8	780.7	910.5	1007.9	1022.9
137.5°	509.2	530.8	552.4	557.8	610.1	680.0	714.9	769.8	879.5	961.8	974.0
140°	528.0	547.9	567.7	572.6	618.9	680.6	711.5	758.9	853.7	924.8	936.2
142.5°	542.4	560.8	579.1	583.7	626.3	683.1	711.5	753.1	836.4	898.8	908.7
145°	564.5	580.5	596.5	600.5	635.9	683.1	706.7	740.7	808.9	859.9	867.4
147.5°	586.6	602.1	617.7	621.6	650.0	687.8	706.7	733.5	787.1	827.3	833.4
150°	601.0	615.1	629.2	632.7	657.3	690.2	706.7	729.3	774.5	808.5	813.5
152.5°	615.9	626.6	637.3	639.9	662.2	691.8	706.7	726.0	764.7	793.6	797.4
155°	638.0	645.9	653.7	655.7	672.7	695.4	706.7	722.1	752.8	775.9	778.4
157.5°	654.3	662.0	669.7	671.6	683.3	698.9	706.7	718.6	742.6	760.5	762.3
160°	665.4	671.4	677.4	678.8	688.1	700.5	706.7	716.9	737.4	752.8	753.8
162.5°	676.4	680.9	685.4	686.5	693.2	702.2	706.7	715.3	732.7	745.6	746.5
165°	688.5	692.5	696.5	697.5	700.6	704.7	706.7	712.9	725.3	734.6	735.6
167.5°	699.5	701.4	703.3	703.8	706.3	709.8	711.5	715.6	723.6	729.7	730.2
170°	706.7	708.6	710.6	711.0	711.2	711.4	711.5	715.6	723.6	729.7	729.7
172.5°	710.6	710.9	711.4	711.5	711.5	711.5	711.5	714.7	721.1	725.9	725.5
175°	715.8	715.8	715.8	715.8	714.3	712.4	711.5	713.5	717.6	720.6	720.6
177.5°	715.8	715.8	715.8	715.8	714.7	713.3	712.5	714.1	717.3	719.6	719.2
180°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2118.5	2112.6	2118.5	2114.6	2116.6	2110.7	2093.1	2087.2	2093.1	2098.9	2098.9
5°	2143.9	2140.0	2143.9	2143.9	2142.0	2138.1	2118.5	2114.6	2118.5	2120.5	2116.6
7.5°	2151.8	2145.9	2151.8	2147.8	2147.8	2143.9	2124.4	2120.5	2122.4	2128.3	2122.4
10°	2151.8	2145.9	2151.8	2149.8	2147.8	2143.9	2124.4	2116.6	2116.6	2122.4	2116.6
12.5°	2142.0	2138.1	2142.0	2138.1	2138.1	2134.1	2114.6	2106.8	2108.7	2110.7	2102.9
15°	2126.4	2120.5	2126.4	2122.4	2124.4	2118.5	2097.0	2089.2	2089.2	2093.1	2079.5
17.5°	2102.9	2095.1	2102.9	2100.9	2098.9	2095.1	2075.5	2067.7	2065.8	2067.7	2057.9
20°	2075.5	2069.7	2075.5	2073.5	2073.5	2065.8	2046.2	2036.4	2036.4	2036.4	2026.6
22.5°	2032.5	2026.6	2032.5	2036.4	2036.4	2034.5	2016.9	2003.2	1999.3	1999.3	1987.6
25°	1983.7	1977.8	1983.7	1983.7	1981.7	1983.7	1977.8	1970.0	1964.1	1958.3	1946.6
27.5°	1936.8	1932.9	1936.8	1932.9	1936.8	1930.9	1928.9	1927.0	1919.1	1913.3	1897.7
30°	1889.9	1886.0	1889.9	1886.0	1882.0	1878.1	1868.3	1864.5	1872.3	1868.3	1842.9
32.5°	1831.2	1827.3	1831.2	1831.2	1827.3	1827.3	1811.7	1805.8	1807.8	1819.5	1796.0
35°	1770.6	1764.8	1770.6	1768.7	1770.6	1764.8	1755.0	1753.1	1745.2	1758.9	1741.4
37.5°	1700.3	1694.4	1700.3	1700.3	1700.3	1704.2	1696.4	1690.5	1678.8	1696.4	1682.7
40°	1628.0	1620.2	1628.0	1626.0	1628.0	1631.9	1628.0	1624.1	1612.3	1626.0	1614.3
42.5°	1545.9	1543.9	1545.9	1547.9	1547.9	1555.6	1561.6	1553.7	1549.8	1540.0	1547.9
45°	1457.9	1454.1	1457.9	1461.8	1463.8	1467.7	1485.3	1485.3	1479.5	1463.8	1475.6
47.5°	1364.1	1354.4	1364.1	1375.8	1375.8	1381.7	1399.3	1413.0	1403.2	1383.7	1389.5
50°	1264.5	1266.4	1264.5	1272.3	1272.3	1293.8	1307.5	1321.2	1330.9	1307.5	1280.1
52.5°	1166.8	1164.8	1166.8	1172.6	1180.4	1190.2	1213.7	1227.3	1242.9	1229.3	1186.3
55°	1069.0	1072.9	1069.0	1071.0	1074.9	1080.8	1116.0	1129.6	1158.9	1141.4	1096.4
57.5°	971.3	965.4	971.3	975.2	977.2	983.1	1012.3	1037.7	1055.4	1057.3	1002.6
60°	857.9	850.2	857.9	875.6	879.5	883.3	910.8	934.2	949.8	955.6	899.0
62.5°	758.3	744.6	758.3	770.0	777.9	787.6	807.1	842.3	856.0	857.9	777.9
65°	652.7	646.9	652.7	676.2	678.1	689.9	711.4	736.8	766.1	762.2	646.9
67.5°	557.0	557.0	557.0	572.6	584.4	590.2	617.5	629.3	666.4	670.4	539.4
70°	469.0	467.1	469.0	480.8	488.6	502.3	527.7	541.4	570.6	580.4	437.7
72.5°	385.0	383.1	385.0	394.8	402.6	414.3	435.8	451.5	476.9	488.6	340.0
75°	310.8	306.8	310.8	318.5	316.6	332.3	349.8	365.4	388.9	396.7	252.1
77.5°	238.5	238.5	238.5	246.2	246.2	261.9	269.7	289.2	302.9	314.6	185.6
80°	177.9	175.9	177.9	179.8	179.8	187.6	201.3	215.0	226.7	226.7	127.0
82.5°	125.0	121.2	125.0	125.0	125.0	129.0	136.8	140.7	148.5	154.4	80.2
85°	78.2	78.2	78.2	80.2	78.2	82.1	84.0	87.9	87.9	84.0	48.9
87.5°	50.8	48.9	50.8	48.9	48.9	46.9	46.9	46.9	45.0	43.0	27.3
90°	18.2	18.2	18.2	18.2	18.2	24.3	32.4	36.5	31.4	21.2	13.5
92.5°	73.1	58.6	73.1	87.6	91.2	129.4	180.2	205.6	180.5	130.4	92.7
95°	254.9	210.9	254.9	298.8	309.8	406.9	536.3	601.0	507.6	320.8	180.6
97.5°	610.7	527.0	610.7	694.4	715.3	776.7	858.5	899.4	743.6	432.0	198.4
100°	879.9	780.2	879.9	979.6	1004.5	1000.1	994.1	991.1	818.2	472.5	213.3
102.5°	1144.7	1059.3	1144.7	1230.2	1251.5	1173.3	1069.1	1017.0	841.8	491.2	228.2
105°	1482.3	1436.4	1482.3	1528.2	1539.7	1364.5	1131.0	1014.2	844.5	505.0	250.3
107.5°	1703.5	1714.6	1703.5	1692.4	1689.6	1445.2	1119.4	956.5	806.8	507.5	283.0
110°	1787.9	1835.7	1787.9	1740.0	1728.0	1454.8	1090.6	908.4	773.5	503.7	301.2



TEST NUMBER: P935323

CATALOG NUMBER: SQ4-FA-100U-125D-927-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1795.3	1868.8	1795.3	1721.9	1703.5	1424.0	1051.1	864.7	744.4	503.8	323.3
115°	1747.7	1849.6	1747.7	1646.0	1620.5	1351.1	991.9	812.4	711.0	508.4	356.4
117.5°	1646.8	1759.8	1646.8	1533.8	1505.6	1262.5	938.4	776.3	690.2	517.8	388.6
120°	1565.5	1675.2	1565.5	1455.7	1428.3	1206.1	910.0	761.9	683.1	525.6	407.4
122.5°	1486.3	1594.5	1486.3	1378.0	1350.9	1150.9	884.3	750.9	679.4	536.6	429.5
125°	1373.2	1472.9	1373.2	1273.6	1248.6	1078.7	852.2	738.9	676.4	551.6	457.8
127.5°	1271.7	1355.7	1271.7	1187.5	1166.5	1020.6	826.1	728.8	674.7	566.4	485.3
130°	1211.7	1289.4	1211.7	1134.0	1114.6	984.7	811.5	725.0	675.8	577.3	503.5
132.5°	1157.4	1227.0	1157.4	1087.8	1070.4	954.1	799.1	721.6	676.4	586.1	518.4
135°	1082.9	1142.9	1082.9	1022.9	1007.9	910.5	780.7	715.8	675.8	595.7	535.7
137.5°	1023.2	1072.3	1023.2	974.0	961.8	879.5	769.8	714.9	680.0	610.1	557.8
140°	982.2	1028.1	982.2	936.2	924.8	853.7	758.9	711.5	680.6	618.9	572.6
142.5°	948.3	987.8	948.3	908.7	898.8	836.4	753.1	711.5	683.1	626.3	583.7
145°	897.4	927.2	897.4	867.4	859.9	808.9	740.7	706.7	683.1	635.9	600.5
147.5°	858.2	883.0	858.2	833.4	827.3	787.1	733.5	706.7	687.8	650.0	621.6
150°	833.6	853.7	833.6	813.5	808.5	774.5	729.3	706.7	690.2	657.3	632.7
152.5°	812.6	827.8	812.6	797.4	793.6	764.7	726.0	706.7	691.8	662.2	639.9
155°	788.4	798.4	788.4	778.4	775.9	752.8	722.1	706.7	695.4	672.7	655.7
157.5°	769.3	776.3	769.3	762.3	760.5	742.6	718.6	706.7	698.9	683.3	671.6
160°	757.9	761.9	757.9	753.8	752.8	737.4	716.9	706.7	700.5	688.1	678.8
162.5°	750.4	754.2	750.4	746.5	745.6	732.7	715.3	706.7	702.2	693.2	686.5
165°	739.7	743.7	739.7	735.6	734.6	725.3	712.9	706.7	704.7	700.6	697.5
167.5°	731.9	733.6	731.9	730.2	729.7	723.6	715.6	711.5	709.8	706.3	703.8
170°	729.7	729.7	729.7	729.7	729.7	723.6	715.6	711.5	711.4	711.2	711.0
172.5°	724.0	722.6	724.0	725.5	725.9	721.1	714.7	711.5	711.5	711.5	711.5
175°	720.6	720.6	720.6	720.6	720.6	717.6	713.5	711.5	712.4	714.3	715.8
177.5°	717.5	715.8	717.5	719.2	719.6	717.3	714.1	712.5	713.3	714.7	715.8
180°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8



TEST NUMBER: P935323

CATALOG NUMBER: SQ4-FA-100U-125D-927-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2095.1	2083.3	2083.3	2063.8	2056.0	2050.1	2040.3	2011.0	2003.2	1995.4	2007.1
5°	2112.6	2091.2	2075.5	2040.3	2011.0	1999.3	1962.2	1891.8	1844.9	1809.7	1790.2
7.5°	2116.6	2089.2	2059.9	2005.2	1934.8	1903.5	1790.2	1661.2	1626.0	1594.7	1575.2
10°	2112.6	2081.4	2040.3	1958.3	1792.2	1737.4	1624.1	1540.0	1518.5	1512.7	1518.5
12.5°	2098.9	2069.7	2013.0	1876.2	1643.6	1606.5	1540.0	1491.2	1487.3	1497.0	1549.8
15°	2075.5	2048.1	1981.7	1766.8	1561.6	1534.1	1487.3	1469.7	1491.2	1559.6	1717.9
17.5°	2052.0	2020.8	1938.7	1659.3	1499.0	1479.5	1446.2	1481.4	1602.6	1694.4	1747.2
20°	2020.8	1983.7	1889.9	1581.0	1454.1	1436.4	1420.8	1579.1	1671.0	1704.2	1733.5
22.5°	1983.7	1944.6	1823.4	1526.4	1407.1	1393.5	1403.2	1633.9	1671.0	1694.4	1719.8
25°	1934.8	1901.6	1745.2	1483.3	1370.0	1354.4	1391.5	1628.0	1649.5	1655.3	1706.2
27.5°	1889.9	1846.8	1663.1	1444.3	1325.0	1319.2	1401.2	1602.6	1618.2	1624.1	1678.8
30°	1835.1	1770.6	1571.3	1403.2	1278.1	1276.2	1403.2	1571.3	1567.4	1583.0	1637.7
32.5°	1778.5	1657.3	1467.7	1352.4	1233.2	1231.2	1389.5	1524.4	1520.5	1542.0	1583.0
35°	1725.7	1569.3	1327.0	1293.8	1176.5	1178.5	1356.4	1469.7	1471.6	1491.2	1516.6
37.5°	1671.0	1493.1	1172.6	1229.3	1121.8	1121.8	1311.4	1418.9	1415.0	1420.8	1456.0
40°	1606.5	1373.9	1035.8	1145.2	1071.0	1065.1	1256.6	1364.1	1350.4	1348.5	1397.4
42.5°	1538.1	1242.9	934.2	1033.9	1012.3	1004.5	1190.2	1297.7	1272.3	1278.1	1340.6
45°	1463.8	1207.8	856.0	873.6	951.8	945.9	1117.9	1221.5	1203.9	1219.5	1284.0
47.5°	1389.5	1137.4	830.6	725.0	887.3	885.3	1037.7	1147.2	1137.4	1153.1	1221.5
50°	1287.9	1059.3	828.7	621.5	815.0	822.7	942.0	1074.9	1074.9	1088.5	1160.9
52.5°	1157.0	963.5	752.4	562.9	731.0	754.4	857.9	1012.3	1016.2	1030.0	1094.4
55°	1037.7	863.8	697.7	517.9	631.2	682.1	775.9	947.9	955.6	969.4	1028.0
57.5°	928.3	719.2	686.0	465.2	539.4	588.3	703.5	885.3	889.2	901.0	957.6
60°	811.0	519.8	629.3	408.5	459.3	496.4	637.1	811.0	824.7	832.5	881.4
62.5°	678.1	377.2	570.6	369.4	420.2	428.0	582.4	740.7	758.3	764.1	793.5
65°	482.7	316.6	484.7	336.2	379.1	381.1	523.8	668.4	684.0	693.8	715.3
67.5°	326.4	258.0	369.4	304.8	347.9	349.8	467.1	584.4	605.8	613.7	627.3
70°	226.7	172.0	273.6	271.7	312.7	316.6	406.5	508.1	527.7	533.5	541.4
72.5°	166.1	138.8	226.7	244.3	275.6	279.5	344.0	422.1	441.7	447.5	451.5
75°	127.0	146.6	183.7	213.1	234.5	236.5	281.4	344.0	357.7	361.6	363.5
77.5°	101.6	136.8	134.8	172.0	191.5	187.6	220.8	265.8	277.5	277.5	277.5
80°	76.2	107.5	101.6	123.1	140.7	136.8	158.3	189.6	193.5	197.4	195.4
82.5°	56.7	68.4	68.4	78.2	93.8	89.9	105.6	123.1	123.1	123.1	127.0
85°	35.2	39.1	31.3	41.0	52.7	50.8	58.6	66.5	68.4	68.4	64.5
87.5°	21.5	17.6	9.8	15.6	23.5	23.5	27.3	29.3	27.3	27.3	27.3
90°	12.5	8.6	4.8	8.6	12.5	13.5	21.2	31.4	36.5	32.4	24.3
92.5°	84.5	51.9	19.2	51.9	84.5	92.7	130.4	180.5	205.6	180.2	129.4
95°	165.7	105.9	46.1	105.9	165.7	180.6	320.8	507.6	601.0	536.3	406.9
97.5°	185.3	132.5	79.8	132.5	185.3	198.4	432.0	743.6	899.4	858.5	776.7
100°	201.4	153.5	105.7	153.5	201.4	213.3	472.5	818.2	991.1	994.1	1000.1
102.5°	217.1	172.5	127.8	172.5	217.1	228.2	491.2	841.8	1017.0	1069.1	1173.3
105°	240.9	203.0	165.2	203.0	240.9	250.3	505.0	844.5	1014.2	1131.0	1364.5
107.5°	274.2	238.9	203.7	238.9	274.2	283.0	507.5	806.8	956.5	1119.4	1445.2
110°	293.3	261.4	229.6	261.4	293.3	301.2	503.7	773.5	908.4	1090.6	1454.8



TEST NUMBER: P935323

CATALOG NUMBER: SQ4-FA-100U-125D-927-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	315.8	285.4	255.1	285.4	315.8	323.3	503.8	744.4	864.7	1051.1	1424.0
115°	349.4	321.5	293.5	321.5	349.4	356.4	508.4	711.0	812.4	991.9	1351.1
117.5°	382.3	356.9	331.5	356.9	382.3	388.6	517.8	690.2	776.3	938.4	1262.5
120°	401.4	377.5	353.6	377.5	401.4	407.4	525.6	683.1	761.9	910.0	1206.1
122.5°	423.5	399.3	375.2	399.3	423.5	429.5	536.6	679.4	750.9	884.3	1150.9
125°	452.4	430.4	408.3	430.4	452.4	457.8	551.6	676.4	738.9	852.2	1078.7
127.5°	479.7	457.5	435.3	457.5	479.7	485.3	566.4	674.7	728.8	826.1	1020.6
130°	497.5	473.6	449.7	473.6	497.5	503.5	577.3	675.8	725.0	811.5	984.7
132.5°	512.4	488.5	464.5	488.5	512.4	518.4	586.1	676.4	721.6	799.1	954.1
135°	530.2	508.4	486.6	508.4	530.2	535.7	595.7	675.8	715.8	780.7	910.5
137.5°	552.4	530.8	509.2	530.8	552.4	557.8	610.1	680.0	714.9	769.8	879.5
140°	567.7	547.9	528.0	547.9	567.7	572.6	618.9	680.6	711.5	758.9	853.7
142.5°	579.1	560.8	542.4	560.8	579.1	583.7	626.3	683.1	711.5	753.1	836.4
145°	596.5	580.5	564.5	580.5	596.5	600.5	635.9	683.1	706.7	740.7	808.9
147.5°	617.7	602.1	586.6	602.1	617.7	621.6	650.0	687.8	706.7	733.5	787.1
150°	629.2	615.1	601.0	615.1	629.2	632.7	657.3	690.2	706.7	729.3	774.5
152.5°	637.3	626.6	615.9	626.6	637.3	639.9	662.2	691.8	706.7	726.0	764.7
155°	653.7	645.9	638.0	645.9	653.7	655.7	672.7	695.4	706.7	722.1	752.8
157.5°	669.7	662.0	654.3	662.0	669.7	671.6	683.3	698.9	706.7	718.6	742.6
160°	677.4	671.4	665.4	671.4	677.4	678.8	688.1	700.5	706.7	716.9	737.4
162.5°	685.4	680.9	676.4	680.9	685.4	686.5	693.2	702.2	706.7	715.3	732.7
165°	696.5	692.5	688.5	692.5	696.5	697.5	700.6	704.7	706.7	712.9	725.3
167.5°	703.3	701.4	699.5	701.4	703.3	703.8	706.3	709.8	711.5	715.6	723.6
170°	710.6	708.6	706.7	708.6	710.6	711.0	711.2	711.4	711.5	715.6	723.6
172.5°	711.4	710.9	710.6	710.9	711.4	711.5	711.5	711.5	711.5	714.7	721.1
175°	715.8	715.8	715.8	715.8	715.8	715.8	714.3	712.4	711.5	713.5	717.6
177.5°	715.8	715.8	715.8	715.8	715.8	715.8	714.7	713.3	712.5	714.1	717.3
180°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8



TEST NUMBER: P935323
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	1993.5	1987.6	1995.4	1973.9	1995.4	1987.6	1993.5	2007.1	1995.4	2003.2	2011.0
5°	1749.1	1739.4	1708.1	1682.7	1708.1	1739.4	1749.1	1790.2	1809.7	1844.9	1891.8
7.5°	1563.5	1555.6	1547.9	1532.2	1547.9	1555.6	1563.5	1575.2	1594.7	1626.0	1661.2
10°	1522.4	1524.4	1536.2	1534.1	1536.2	1524.4	1522.4	1518.5	1512.7	1518.5	1540.0
12.5°	1628.0	1645.6	1710.1	1706.2	1710.1	1645.6	1628.0	1549.8	1497.0	1487.3	1491.2
15°	1749.1	1755.0	1768.7	1770.6	1768.7	1755.0	1749.1	1717.9	1559.6	1491.2	1469.7
17.5°	1760.8	1762.8	1772.6	1772.6	1772.6	1762.8	1760.8	1747.2	1694.4	1602.6	1481.4
20°	1751.1	1755.0	1774.5	1778.5	1774.5	1755.0	1751.1	1733.5	1704.2	1671.0	1579.1
22.5°	1747.2	1755.0	1770.6	1768.7	1770.6	1755.0	1747.2	1719.8	1694.4	1671.0	1633.9
25°	1727.6	1727.6	1729.6	1731.6	1729.6	1727.6	1727.6	1706.2	1655.3	1649.5	1628.0
27.5°	1686.6	1690.5	1702.2	1700.3	1702.2	1690.5	1686.6	1678.8	1624.1	1618.2	1602.6
30°	1649.5	1645.6	1635.8	1628.0	1635.8	1645.6	1649.5	1637.7	1583.0	1567.4	1571.3
32.5°	1587.0	1577.2	1567.4	1561.6	1567.4	1577.2	1587.0	1583.0	1542.0	1520.5	1524.4
35°	1512.7	1514.6	1512.7	1506.8	1512.7	1514.6	1512.7	1516.6	1491.2	1471.6	1469.7
37.5°	1459.9	1463.8	1461.8	1454.1	1461.8	1463.8	1459.9	1456.0	1420.8	1415.0	1418.9
40°	1405.2	1407.1	1405.2	1399.3	1405.2	1407.1	1405.2	1397.4	1348.5	1350.4	1364.1
42.5°	1352.4	1350.4	1344.6	1340.6	1344.6	1350.4	1352.4	1340.6	1278.1	1272.3	1297.7
45°	1291.8	1293.8	1282.0	1276.2	1282.0	1293.8	1291.8	1284.0	1219.5	1203.9	1221.5
47.5°	1231.2	1231.2	1221.5	1215.6	1221.5	1231.2	1231.2	1221.5	1153.1	1137.4	1147.2
50°	1166.8	1164.8	1151.2	1149.1	1151.2	1164.8	1166.8	1160.9	1088.5	1074.9	1074.9
52.5°	1092.5	1092.5	1094.4	1098.3	1094.4	1092.5	1092.5	1094.4	1030.0	1016.2	1012.3
55°	1028.0	1030.0	1043.7	1047.5	1043.7	1030.0	1028.0	1028.0	969.4	955.6	947.9
57.5°	961.6	961.6	971.3	971.3	971.3	961.6	961.6	957.6	901.0	889.2	885.3
60°	885.3	889.2	897.0	895.1	897.0	889.2	885.3	881.4	832.5	824.7	811.0
62.5°	805.2	809.1	811.0	807.1	811.0	809.1	805.2	793.5	764.1	758.3	740.7
65°	721.2	725.0	727.0	723.1	727.0	725.0	721.2	715.3	693.8	684.0	668.4
67.5°	635.2	633.2	631.2	639.1	631.2	633.2	635.2	627.3	613.7	605.8	584.4
70°	547.2	547.2	545.2	549.2	545.2	547.2	547.2	541.4	533.5	527.7	508.1
72.5°	453.4	451.5	459.3	453.4	459.3	451.5	453.4	451.5	447.5	441.7	422.1
75°	361.6	365.4	361.6	367.4	361.6	365.4	361.6	363.5	361.6	357.7	344.0
77.5°	275.6	279.5	275.6	275.6	275.6	279.5	275.6	277.5	277.5	277.5	265.8
80°	195.4	193.5	193.5	191.5	193.5	193.5	195.4	195.4	197.4	193.5	189.6
82.5°	125.0	123.1	123.1	127.0	123.1	123.1	125.0	127.0	123.1	123.1	123.1
85°	68.4	70.4	66.5	66.5	66.5	70.4	68.4	64.5	68.4	68.4	66.5
87.5°	25.4	23.5	23.5	23.5	23.5	23.5	25.4	27.3	27.3	27.3	29.3
90°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	24.3	32.4	36.5	31.4
92.5°	91.2	87.6	73.1	58.6	73.1	87.6	91.2	129.4	180.2	205.6	180.5
95°	309.8	298.8	254.9	210.9	254.9	298.8	309.8	406.9	536.3	601.0	507.6
97.5°	715.3	694.4	610.7	527.0	610.7	694.4	715.3	776.7	858.5	899.4	743.6
100°	1004.5	979.6	879.9	780.2	879.9	979.6	1004.5	1000.1	994.1	991.1	818.2
102.5°	1251.5	1230.2	1144.7	1059.3	1144.7	1230.2	1251.5	1173.3	1069.1	1017.0	841.8
105°	1539.7	1528.2	1482.3	1436.4	1482.3	1528.2	1539.7	1364.5	1131.0	1014.2	844.5
107.5°	1689.6	1692.4	1703.5	1714.6	1703.5	1692.4	1689.6	1445.2	1119.4	956.5	806.8
110°	1728.0	1740.0	1787.9	1835.7	1787.9	1740.0	1728.0	1454.8	1090.6	908.4	773.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1703.5	1721.9	1795.3	1868.8	1795.3	1721.9	1703.5	1424.0	1051.1	864.7	744.4
115°	1620.5	1646.0	1747.7	1849.6	1747.7	1646.0	1620.5	1351.1	991.9	812.4	711.0
117.5°	1505.6	1533.8	1646.8	1759.8	1646.8	1533.8	1505.6	1262.5	938.4	776.3	690.2
120°	1428.3	1455.7	1565.5	1675.2	1565.5	1455.7	1428.3	1206.1	910.0	761.9	683.1
122.5°	1350.9	1378.0	1486.3	1594.5	1486.3	1378.0	1350.9	1150.9	884.3	750.9	679.4
125°	1248.6	1273.6	1373.2	1472.9	1373.2	1273.6	1248.6	1078.7	852.2	738.9	676.4
127.5°	1166.5	1187.5	1271.7	1355.7	1271.7	1187.5	1166.5	1020.6	826.1	728.8	674.7
130°	1114.6	1134.0	1211.7	1289.4	1211.7	1134.0	1114.6	984.7	811.5	725.0	675.8
132.5°	1070.4	1087.8	1157.4	1227.0	1157.4	1087.8	1070.4	954.1	799.1	721.6	676.4
135°	1007.9	1022.9	1082.9	1142.9	1082.9	1022.9	1007.9	910.5	780.7	715.8	675.8
137.5°	961.8	974.0	1023.2	1072.3	1023.2	974.0	961.8	879.5	769.8	714.9	680.0
140°	924.8	936.2	982.2	1028.1	982.2	936.2	924.8	853.7	758.9	711.5	680.6
142.5°	898.8	908.7	948.3	987.8	948.3	908.7	898.8	836.4	753.1	711.5	683.1
145°	859.9	867.4	897.4	927.2	897.4	867.4	859.9	808.9	740.7	706.7	683.1
147.5°	827.3	833.4	858.2	883.0	858.2	833.4	827.3	787.1	733.5	706.7	687.8
150°	808.5	813.5	833.6	853.7	833.6	813.5	808.5	774.5	729.3	706.7	690.2
152.5°	793.6	797.4	812.6	827.8	812.6	797.4	793.6	764.7	726.0	706.7	691.8
155°	775.9	778.4	788.4	798.4	788.4	778.4	775.9	752.8	722.1	706.7	695.4
157.5°	760.5	762.3	769.3	776.3	769.3	762.3	760.5	742.6	718.6	706.7	698.9
160°	752.8	753.8	757.9	761.9	757.9	753.8	752.8	737.4	716.9	706.7	700.5
162.5°	745.6	746.5	750.4	754.2	750.4	746.5	745.6	732.7	715.3	706.7	702.2
165°	734.6	735.6	739.7	743.7	739.7	735.6	734.6	725.3	712.9	706.7	704.7
167.5°	729.7	730.2	731.9	733.6	731.9	730.2	729.7	723.6	715.6	711.5	709.8
170°	729.7	729.7	729.7	729.7	729.7	729.7	729.7	723.6	715.6	711.5	711.4
172.5°	725.9	725.5	724.0	722.6	724.0	725.5	725.9	721.1	714.7	711.5	711.5
175°	720.6	720.6	720.6	720.6	720.6	720.6	720.6	717.6	713.5	711.5	712.4
177.5°	719.6	719.2	717.5	715.8	717.5	719.2	719.6	717.3	714.1	712.5	713.3
180°	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8	715.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2065.8	2065.8	2065.8	2065.8	2065.8
2.5°	2040.3	2050.1	2056.0	2063.8	2083.3
5°	1962.2	1999.3	2011.0	2040.3	2075.5
7.5°	1790.2	1903.5	1934.8	2005.2	2059.9
10°	1624.1	1737.4	1792.2	1958.3	2040.3
12.5°	1540.0	1606.5	1643.6	1876.2	2013.0
15°	1487.3	1534.1	1561.6	1766.8	1981.7
17.5°	1446.2	1479.5	1499.0	1659.3	1938.7
20°	1420.8	1436.4	1454.1	1581.0	1889.9
22.5°	1403.2	1393.5	1407.1	1526.4	1823.4
25°	1391.5	1354.4	1370.0	1483.3	1745.2
27.5°	1401.2	1319.2	1325.0	1444.3	1663.1
30°	1403.2	1276.2	1278.1	1403.2	1571.3
32.5°	1389.5	1231.2	1233.2	1352.4	1467.7
35°	1356.4	1178.5	1176.5	1293.8	1327.0
37.5°	1311.4	1121.8	1121.8	1229.3	1172.6
40°	1256.6	1065.1	1071.0	1145.2	1035.8
42.5°	1190.2	1004.5	1012.3	1033.9	934.2
45°	1117.9	945.9	951.8	873.6	856.0
47.5°	1037.7	885.3	887.3	725.0	830.6
50°	942.0	822.7	815.0	621.5	828.7
52.5°	857.9	754.4	731.0	562.9	752.4
55°	775.9	682.1	631.2	517.9	697.7
57.5°	703.5	588.3	539.4	465.2	686.0
60°	637.1	496.4	459.3	408.5	629.3
62.5°	582.4	428.0	420.2	369.4	570.6
65°	523.8	381.1	379.1	336.2	484.7
67.5°	467.1	349.8	347.9	304.8	369.4
70°	406.5	316.6	312.7	271.7	273.6
72.5°	344.0	279.5	275.6	244.3	226.7
75°	281.4	236.5	234.5	213.1	183.7
77.5°	220.8	187.6	191.5	172.0	134.8
80°	158.3	136.8	140.7	123.1	101.6
82.5°	105.6	89.9	93.8	78.2	68.4
85°	58.6	50.8	52.7	41.0	31.3
87.5°	27.3	23.5	23.5	15.6	9.8
90°	21.2	13.5	12.5	8.6	4.8
92.5°	130.4	92.7	84.5	51.9	19.2
95°	320.8	180.6	165.7	105.9	46.1
97.5°	432.0	198.4	185.3	132.5	79.8
100°	472.5	213.3	201.4	153.5	105.7
102.5°	491.2	228.2	217.1	172.5	127.8
105°	505.0	250.3	240.9	203.0	165.2
107.5°	507.5	283.0	274.2	238.9	203.7
110°	503.7	301.2	293.3	261.4	229.6



TEST NUMBER: P935323

CATALOG NUMBER: SQ4-FA-100U-125D-927-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	503.8	323.3	315.8	285.4	255.1
115°	508.4	356.4	349.4	321.5	293.5
117.5°	517.8	388.6	382.3	356.9	331.5
120°	525.6	407.4	401.4	377.5	353.6
122.5°	536.6	429.5	423.5	399.3	375.2
125°	551.6	457.8	452.4	430.4	408.3
127.5°	566.4	485.3	479.7	457.5	435.3
130°	577.3	503.5	497.5	473.6	449.7
132.5°	586.1	518.4	512.4	488.5	464.5
135°	595.7	535.7	530.2	508.4	486.6
137.5°	610.1	557.8	552.4	530.8	509.2
140°	618.9	572.6	567.7	547.9	528.0
142.5°	626.3	583.7	579.1	560.8	542.4
145°	635.9	600.5	596.5	580.5	564.5
147.5°	650.0	621.6	617.7	602.1	586.6
150°	657.3	632.7	629.2	615.1	601.0
152.5°	662.2	639.9	637.3	626.6	615.9
155°	672.7	655.7	653.7	645.9	638.0
157.5°	683.3	671.6	669.7	662.0	654.3
160°	688.1	678.8	677.4	671.4	665.4
162.5°	693.2	686.5	685.4	680.9	676.4
165°	700.6	697.5	696.5	692.5	688.5
167.5°	706.3	703.8	703.3	701.4	699.5
170°	711.2	711.0	710.6	708.6	706.7
172.5°	711.5	711.5	711.4	710.9	710.6
175°	714.3	715.8	715.8	715.8	715.8
177.5°	714.7	715.8	715.8	715.8	715.8
180°	715.8	715.8	715.8	715.8	715.8



TEST NUMBER: P935323
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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	13.98	14.88	14.91	15.82	17.04	16.80	17.70	17.73	18.64	19.86
	3H	14.46	15.26	15.40	16.21	17.46	18.15	18.95	19.09	19.91	21.15
	4H	14.65	15.41	15.61	16.37	17.62	18.60	19.35	19.55	20.31	21.56
	6H	14.77	15.47	15.74	16.44	17.70	18.88	19.58	19.84	20.54	21.81
	8H	14.78	15.44	15.75	16.42	17.68	18.96	19.62	19.93	20.60	21.86
	12H	14.75	15.38	15.72	16.36	17.64	18.99	19.63	19.97	20.60	21.89
4H	2H	15.02	15.77	15.97	16.73	17.98	17.22	17.98	18.18	18.93	20.19
	3H	16.05	16.68	17.01	17.67	18.93	18.73	19.36	19.69	20.35	21.61
	4H	16.32	16.90	17.30	17.88	19.17	19.25	19.83	20.23	20.81	22.10
	6H	16.45	16.95	17.44	17.95	19.24	19.62	20.12	20.61	21.12	22.41
	8H	16.46	16.92	17.45	17.92	19.22	19.73	20.19	20.72	21.19	22.49
	12H	16.43	16.85	17.44	17.86	19.17	19.78	20.20	20.79	21.22	22.53
8H	4H	16.78	17.24	17.77	18.24	19.54	19.38	19.85	20.37	20.84	22.15
	6H	17.04	17.43	18.06	18.47	19.77	19.82	20.20	20.83	21.24	22.54
	8H	17.08	17.42	18.11	18.45	19.77	19.97	20.31	20.99	21.33	22.65
	12H	17.07	17.37	18.10	18.39	19.75	20.07	20.37	21.10	21.39	22.75
12H	4H	16.79	17.21	17.80	18.22	19.53	19.35	19.77	20.36	20.78	22.09
	6H	17.10	17.44	18.13	18.47	19.79	19.82	20.15	20.84	21.18	22.50
	8H	17.17	17.47	18.20	18.49	19.85	19.98	20.28	21.01	21.30	22.66