

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: P934811

Luminaire Tested: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934811
REPORT IS A COMBINATION OF REPORTS P933715 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

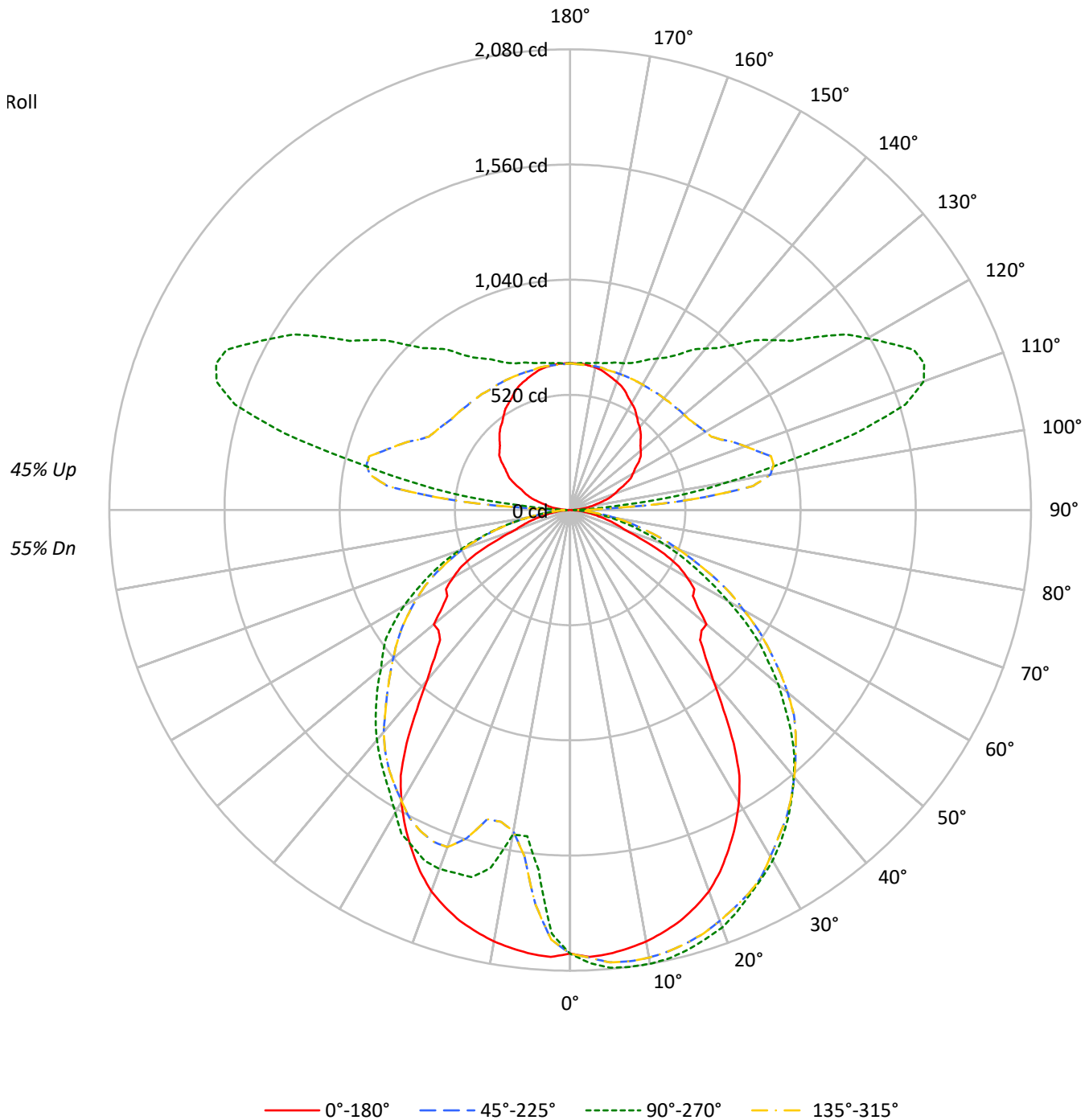
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9488.3 lumens
Efficiency: N/A
Efficacy: 123.5 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): 76.8
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			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	86	86	86	73	73	73	60	60	60	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12387	12387	12387	12387
5°	12475	12504	12475	9832
10°	12388	12318	12388	8807
15°	12248	12051	12248	10063
20°	11988	11735	11988	10084
25°	11458	11274	11458	9870
30°	10777	10891	10777	9401
35°	9603	10406	9603	8886
40°	7997	9836	7997	8496
45°	7141	9169	7141	8048
50°	7579	8373	7579	7598
55°	7126	7516	7126	7338
60°	7335	6383	7335	6721
65°	6641	5276	6641	5898
70°	4587	4206	4587	4944
75°	4008	3108	4008	3723
80°	3206	2056	3206	2238
85°	1806	1089	1806	925

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10951 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.8	1.9
10°-20°	513.2	5.4
20°-30°	793.3	8.4
30°-40°	947.1	10.0
40°-50°	952.6	10.0
50°-60°	828.9	8.7
60°-70°	587.7	6.2
70°-80°	310.9	3.3
80°-90°	80.0	0.8
90°-100°	322.8	3.4
100°-110°	848.8	8.9
110°-120°	880.1	9.3
120°-130°	706.0	7.4
130°-140°	553.9	5.8
140°-150°	425.2	4.5
150°-160°	306.2	3.2
160°-170°	187.3	2.0
170°-180°	63.3	0.7
0°-30°	1487.3	15.7
0°-40°	2434.4	25.7
0°-60°	4216.0	44.4
0°-90°	5194.6	54.7
90°-120°	2051.8	21.6
90°-150°	3736.9	39.4
90°-180°	4294.0	45.3
0°-180°	9488.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2002	2002	2002	2002	2002	
5°	2012	2074	2012	1631	2012	191
15°	1921	2056	1921	1716	1921	541
25°	1692	1917	1692	1678	1692	777
35°	1286	1711	1286	1461	1286	796
45°	830	1410	830	1237	830	665
55°	676	1040	676	1016	676	621
65°	470	627	470	701	470	449
75°	178	297	178	356	178	187
85°	30	76	30	64	30	41
90°	4	17	4	17	4	5
95°	43	195	43	195	43	47
105°	153	1329	153	1329	153	162
115°	272	1711	272	1711	272	268
125°	378	1363	378	1363	378	335
135°	450	1058	450	1058	450	348
145°	522	858	522	858	522	327
155°	590	739	590	739	590	271
165°	637	688	637	688	637	180
175°	662	667	662	667	662	63
180°	662	662	662	662	662	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2019.6	2019.6	2030.9	2034.7	2034.7	2029.0	2023.3	2029.0	2046.0	2051.8	2049.9
5°	2011.9	2027.1	2047.9	2051.8	2055.5	2053.6	2049.9	2053.6	2072.5	2076.3	2078.2
7.5°	1996.8	2025.2	2051.8	2057.4	2063.0	2057.4	2055.5	2059.3	2078.2	2082.1	2082.1
10°	1977.9	2017.6	2047.9	2051.8	2057.4	2051.8	2051.8	2059.3	2078.2	2082.1	2083.9
12.5°	1951.3	2006.3	2034.7	2038.5	2046.0	2044.1	2042.2	2049.9	2068.8	2072.5	2072.5
15°	1921.0	1985.4	2011.9	2015.7	2029.0	2025.2	2025.2	2032.7	2053.6	2059.3	2057.4
17.5°	1879.3	1958.8	1989.2	1994.9	2004.3	2002.4	2004.3	2011.9	2030.9	2034.7	2036.6
20°	1832.0	1922.9	1958.8	1964.6	1974.0	1974.0	1974.0	1983.5	2002.4	2010.1	2010.1
22.5°	1767.5	1885.0	1922.9	1926.7	1938.1	1938.1	1941.8	1955.1	1972.1	1974.0	1974.0
25°	1691.7	1843.4	1875.6	1886.9	1898.2	1904.0	1909.6	1917.3	1922.9	1921.0	1922.9
27.5°	1612.2	1790.3	1832.0	1839.5	1854.7	1860.4	1867.9	1869.8	1871.8	1877.4	1873.7
30°	1523.2	1716.4	1778.9	1786.5	1811.1	1814.9	1807.3	1811.1	1820.6	1824.4	1828.2
32.5°	1422.7	1606.6	1724.0	1741.1	1763.7	1752.3	1750.5	1756.2	1771.4	1771.4	1775.1
35°	1286.4	1521.3	1672.8	1688.0	1705.0	1691.7	1699.4	1701.2	1710.7	1716.4	1714.5
37.5°	1136.7	1447.4	1619.8	1631.1	1644.4	1627.4	1638.7	1644.4	1652.0	1648.2	1648.2
40°	1004.1	1331.8	1557.2	1564.9	1576.3	1563.0	1574.3	1578.1	1581.9	1578.1	1576.3
42.5°	905.5	1204.8	1491.0	1500.4	1492.9	1502.4	1506.1	1513.7	1508.0	1500.4	1500.4
45°	829.8	1170.8	1419.0	1430.4	1419.0	1434.1	1439.8	1439.8	1422.7	1419.0	1417.1
47.5°	805.1	1102.6	1347.0	1347.0	1341.3	1360.2	1369.7	1356.5	1339.4	1333.7	1333.7
50°	803.2	1026.8	1248.4	1240.9	1267.4	1290.1	1280.7	1267.4	1254.2	1233.3	1233.3
52.5°	729.3	934.0	1121.5	1150.0	1191.7	1204.8	1189.7	1176.5	1153.7	1144.2	1136.7
55°	676.4	837.4	1006.0	1062.8	1106.4	1123.4	1095.0	1081.7	1047.7	1041.9	1038.2
57.5°	665.0	697.2	899.9	971.9	1024.9	1023.0	1006.0	981.3	952.9	947.2	945.4
60°	610.0	503.9	786.2	871.5	926.4	920.7	905.5	882.9	856.3	852.6	848.7
62.5°	553.1	365.7	657.3	754.0	831.7	829.8	816.5	782.4	763.5	754.0	746.4
65°	469.9	306.9	468.0	627.0	738.9	742.6	714.2	689.6	668.7	657.3	655.5
67.5°	358.0	250.1	316.3	522.8	649.8	646.1	610.0	598.6	572.2	566.4	555.1
70°	265.2	166.7	219.8	424.4	562.7	553.1	524.7	511.6	486.9	473.6	466.0
72.5°	219.8	134.5	161.0	329.6	473.6	462.2	437.7	422.5	401.6	390.2	382.7
75°	178.1	142.1	123.1	244.4	384.6	377.0	354.3	339.1	322.1	306.9	308.8
77.5°	130.7	132.6	98.5	180.0	305.0	293.7	280.4	261.5	253.8	238.7	238.7
80°	98.5	104.2	73.9	123.1	219.8	219.8	208.4	195.1	181.8	174.3	174.3
82.5°	66.3	66.3	55.0	77.6	149.7	144.0	136.4	132.6	125.0	121.2	121.2
85°	30.3	37.9	34.1	47.3	81.5	85.3	85.3	81.5	79.5	75.8	77.6
87.5°	9.5	17.0	20.8	26.5	41.7	43.6	45.5	45.5	45.5	47.3	47.3
90°	4.4	7.9	11.6	12.4	19.5	29.0	33.7	30.0	22.6	16.9	16.9
92.5°	17.8	48.0	78.2	85.8	120.6	167.0	190.2	166.7	119.7	84.4	81.1
95°	42.6	98.0	153.2	167.1	296.7	469.7	556.1	496.3	376.5	286.7	276.6
97.5°	73.8	122.6	171.3	183.6	399.8	688.0	832.2	794.3	718.7	661.9	642.5
100°	97.8	142.1	186.3	197.4	437.3	757.2	917.1	919.9	925.4	929.5	906.5
102.5°	118.3	159.6	200.9	211.2	454.5	778.9	941.1	989.3	1085.7	1158.0	1138.2
105°	153.0	187.9	222.9	231.6	467.2	781.3	938.4	1046.4	1262.6	1424.7	1414.1
107.5°	188.5	221.1	253.7	261.8	469.6	746.5	885.1	1035.8	1337.3	1563.4	1566.0
110°	212.5	242.0	271.3	278.7	466.0	715.8	840.6	1009.2	1346.2	1599.0	1610.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	236.0	264.0	292.2	299.1	466.1	688.8	800.2	972.6	1317.6	1576.3	1593.3
115°	271.6	297.5	323.3	329.8	470.4	657.9	751.7	917.9	1250.2	1499.4	1522.9
117.5°	306.7	330.2	353.7	359.6	479.2	638.6	718.3	868.3	1168.2	1393.2	1419.3
120°	327.1	349.3	371.4	377.0	486.3	632.1	705.0	842.0	1116.0	1321.6	1347.0
122.5°	347.2	369.5	391.9	397.4	496.5	628.8	694.8	818.1	1064.9	1250.0	1275.0
125°	377.8	398.2	418.5	423.6	510.3	625.9	683.7	788.5	998.2	1155.3	1178.4
127.5°	402.8	423.3	443.8	448.9	524.1	624.3	674.4	764.3	944.3	1079.3	1098.8
130°	416.1	438.2	460.3	465.9	534.2	625.3	670.8	750.9	911.2	1031.3	1049.3
132.5°	429.8	452.0	474.1	479.6	542.3	625.9	667.7	739.4	882.9	990.4	1006.5
135°	450.3	470.4	490.6	495.7	551.2	625.3	662.3	722.4	842.5	932.6	946.4
137.5°	471.2	491.1	511.1	516.0	564.5	629.1	661.5	712.2	813.7	889.9	901.3
140°	488.5	506.9	525.3	529.9	572.7	629.8	658.3	702.2	789.9	855.7	866.3
142.5°	501.9	518.9	535.9	540.1	579.5	632.0	658.3	696.8	773.9	831.7	840.9
145°	522.4	537.2	551.9	555.6	588.4	632.1	653.9	685.5	748.5	795.7	802.6
147.5°	542.7	557.2	571.6	575.2	601.4	636.4	653.9	678.7	728.3	765.5	771.2
150°	556.1	569.1	582.2	585.5	608.3	638.7	653.9	674.8	716.7	748.2	752.8
152.5°	569.9	579.8	589.7	592.1	612.7	640.1	653.9	671.8	707.5	734.4	737.9
155°	590.3	597.6	605.0	606.8	622.5	643.4	653.9	668.1	696.6	718.0	720.3
157.5°	605.4	612.6	619.7	621.5	632.3	646.7	653.9	665.0	687.1	703.7	705.3
160°	615.7	621.2	626.8	628.1	636.7	648.2	653.9	663.4	682.3	696.5	697.5
162.5°	625.9	630.1	634.2	635.3	641.5	649.8	653.9	661.9	677.9	689.9	690.8
165°	637.0	640.8	644.5	645.5	648.3	652.0	653.9	659.6	671.1	679.7	680.7
167.5°	647.2	649.0	650.7	651.2	653.6	656.8	658.3	662.0	669.6	675.2	675.6
170°	653.9	655.7	657.4	657.9	658.0	658.2	658.3	662.0	669.6	675.2	675.2
172.5°	657.4	657.8	658.2	658.3	658.3	658.3	658.3	661.3	667.2	671.7	671.3
175°	662.3	662.3	662.3	662.3	661.0	659.2	658.3	660.2	663.9	666.8	666.8
177.5°	662.3	662.3	662.3	662.3	661.3	659.9	659.3	660.8	663.8	665.9	665.6
180°	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2053.6	2047.9	2053.6	2049.9	2051.8	2046.0	2029.0	2023.3	2029.0	2034.7	2034.7
5°	2078.2	2074.4	2078.2	2078.2	2076.3	2072.5	2053.6	2049.9	2053.6	2055.5	2051.8
7.5°	2085.8	2080.2	2085.8	2082.1	2082.1	2078.2	2059.3	2055.5	2057.4	2063.0	2057.4
10°	2085.8	2080.2	2085.8	2083.9	2082.1	2078.2	2059.3	2051.8	2051.8	2057.4	2051.8
12.5°	2076.3	2072.5	2076.3	2072.5	2072.5	2068.8	2049.9	2042.2	2044.1	2046.0	2038.5
15°	2061.2	2055.5	2061.2	2057.4	2059.3	2053.6	2032.7	2025.2	2025.2	2029.0	2015.7
17.5°	2038.5	2030.9	2038.5	2036.6	2034.7	2030.9	2011.9	2004.3	2002.4	2004.3	1994.9
20°	2011.9	2006.3	2011.9	2010.1	2010.1	2002.4	1983.5	1974.0	1974.0	1974.0	1964.6
22.5°	1970.2	1964.6	1970.2	1974.0	1974.0	1972.1	1955.1	1941.8	1938.1	1938.1	1926.7
25°	1922.9	1917.3	1922.9	1922.9	1921.0	1922.9	1917.3	1909.6	1904.0	1898.2	1886.9
27.5°	1877.4	1873.7	1877.4	1873.7	1877.4	1871.8	1869.8	1867.9	1860.4	1854.7	1839.5
30°	1832.0	1828.2	1832.0	1828.2	1824.4	1820.6	1811.1	1807.3	1814.9	1811.1	1786.5
32.5°	1775.1	1771.4	1775.1	1775.1	1771.4	1771.4	1756.2	1750.5	1752.3	1763.7	1741.1
35°	1716.4	1710.7	1716.4	1714.5	1716.4	1710.7	1701.2	1699.4	1691.7	1705.0	1688.0
37.5°	1648.2	1642.5	1648.2	1648.2	1648.2	1652.0	1644.4	1638.7	1627.4	1644.4	1631.1
40°	1578.1	1570.5	1578.1	1576.3	1578.1	1581.9	1578.1	1574.3	1563.0	1576.3	1564.9
42.5°	1498.5	1496.6	1498.5	1500.4	1500.4	1508.0	1513.7	1506.1	1502.4	1492.9	1500.4
45°	1413.3	1409.5	1413.3	1417.1	1419.0	1422.7	1439.8	1439.8	1434.1	1419.0	1430.4
47.5°	1322.3	1312.9	1322.3	1333.7	1333.7	1339.4	1356.5	1369.7	1360.2	1341.3	1347.0
50°	1225.7	1227.6	1225.7	1233.3	1233.3	1254.2	1267.4	1280.7	1290.1	1267.4	1240.9
52.5°	1131.0	1129.1	1131.0	1136.7	1144.2	1153.7	1176.5	1189.7	1204.8	1191.7	1150.0
55°	1036.3	1040.0	1036.3	1038.2	1041.9	1047.7	1081.7	1095.0	1123.4	1106.4	1062.8
57.5°	941.6	935.8	941.6	945.4	947.2	952.9	981.3	1006.0	1023.0	1024.9	971.9
60°	831.7	824.1	831.7	848.7	852.6	856.3	882.9	905.5	920.7	926.4	871.5
62.5°	735.1	721.8	735.1	746.4	754.0	763.5	782.4	816.5	829.8	831.7	754.0
65°	632.8	627.0	632.8	655.5	657.3	668.7	689.6	714.2	742.6	738.9	627.0
67.5°	539.9	539.9	539.9	555.1	566.4	572.2	598.6	610.0	646.1	649.8	522.8
70°	454.7	452.8	454.7	466.0	473.6	486.9	511.6	524.7	553.1	562.7	424.4
72.5°	373.2	371.3	373.2	382.7	390.2	401.6	422.5	437.7	462.2	473.6	329.6
75°	301.2	297.4	301.2	308.8	306.9	322.1	339.1	354.3	377.0	384.6	244.4
77.5°	231.2	231.2	231.2	238.7	238.7	253.8	261.5	280.4	293.7	305.0	180.0
80°	172.4	170.6	172.4	174.3	174.3	181.8	195.1	208.4	219.8	219.8	123.1
82.5°	121.2	117.5	121.2	121.2	121.2	125.0	132.6	136.4	144.0	149.7	77.6
85°	75.8	75.8	75.8	77.6	75.8	79.5	81.5	85.3	85.3	81.5	47.3
87.5°	49.2	47.3	49.2	47.3	47.3	45.5	45.5	45.5	43.6	41.7	26.5
90°	16.9	16.9	16.9	16.9	16.9	22.6	30.0	33.7	29.0	19.5	12.4
92.5°	67.6	54.2	67.6	81.1	84.4	119.7	166.7	190.2	167.0	120.6	85.8
95°	235.8	195.1	235.8	276.6	286.7	376.5	496.3	556.1	469.7	296.7	167.1
97.5°	565.1	487.7	565.1	642.5	661.9	718.7	794.3	832.2	688.0	399.8	183.6
100°	814.1	721.9	814.1	906.5	929.5	925.4	919.9	917.1	757.2	437.3	197.4
102.5°	1059.2	980.2	1059.2	1138.2	1158.0	1085.7	989.3	941.1	778.9	454.5	211.2
105°	1371.6	1329.1	1371.6	1414.1	1424.7	1262.6	1046.4	938.4	781.3	467.2	231.6
107.5°	1576.3	1586.5	1576.3	1566.0	1563.4	1337.3	1035.8	885.1	746.5	469.6	261.8
110°	1654.3	1698.5	1654.3	1610.1	1599.0	1346.2	1009.2	840.6	715.8	466.0	278.7



TEST NUMBER: P934811

CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1661.2	1729.2	1661.2	1593.3	1576.3	1317.6	972.6	800.2	688.8	466.1	299.1
115°	1617.2	1711.4	1617.2	1522.9	1499.4	1250.2	917.9	751.7	657.9	470.4	329.8
117.5°	1523.8	1628.3	1523.8	1419.3	1393.2	1168.2	868.3	718.3	638.6	479.2	359.6
120°	1448.5	1550.1	1448.5	1347.0	1321.6	1116.0	842.0	705.0	632.1	486.3	377.0
122.5°	1375.2	1475.4	1375.2	1275.0	1250.0	1064.9	818.1	694.8	628.8	496.5	397.4
125°	1270.7	1363.0	1270.7	1178.4	1155.3	998.2	788.5	683.7	625.9	510.3	423.6
127.5°	1176.6	1254.5	1176.6	1098.8	1079.3	944.3	764.3	674.4	624.3	524.1	448.9
130°	1121.2	1193.1	1121.2	1049.3	1031.3	911.2	750.9	670.8	625.3	534.2	465.9
132.5°	1070.9	1135.3	1070.9	1006.5	990.4	882.9	739.4	667.7	625.9	542.3	479.6
135°	1002.0	1057.5	1002.0	946.4	932.6	842.5	722.4	662.3	625.3	551.2	495.7
137.5°	946.7	992.2	946.7	901.3	889.9	813.7	712.2	661.5	629.1	564.5	516.0
140°	908.9	951.3	908.9	866.3	855.7	789.9	702.2	658.3	629.8	572.7	529.9
142.5°	877.4	913.9	877.4	840.9	831.7	773.9	696.8	658.3	632.0	579.5	540.1
145°	830.3	857.9	830.3	802.6	795.7	748.5	685.5	653.9	632.1	588.4	555.6
147.5°	794.1	817.0	794.1	771.2	765.5	728.3	678.7	653.9	636.4	601.4	575.2
150°	771.4	789.9	771.4	752.8	748.2	716.7	674.8	653.9	638.7	608.3	585.5
152.5°	751.9	765.9	751.9	737.9	734.4	707.5	671.8	653.9	640.1	612.7	592.1
155°	729.5	738.8	729.5	720.3	718.0	696.6	668.1	653.9	643.4	622.5	606.8
157.5°	711.8	718.3	711.8	705.3	703.7	687.1	665.0	653.9	646.7	632.3	621.5
160°	701.2	705.0	701.2	697.5	696.5	682.3	663.4	653.9	648.2	636.7	628.1
162.5°	694.3	697.9	694.3	690.8	689.9	677.9	661.9	653.9	649.8	641.5	635.3
165°	684.4	688.1	684.4	680.7	679.7	671.1	659.6	653.9	652.0	648.3	645.5
167.5°	677.2	678.8	677.2	675.6	675.2	669.6	662.0	658.3	656.8	653.6	651.2
170°	675.2	675.2	675.2	675.2	675.2	669.6	662.0	658.3	658.2	658.0	657.9
172.5°	670.0	668.5	670.0	671.3	671.7	667.2	661.3	658.3	658.3	658.3	658.3
175°	666.8	666.8	666.8	666.8	666.8	663.9	660.2	658.3	659.2	661.0	662.3
177.5°	663.9	662.3	663.9	665.6	665.9	663.8	660.8	659.3	659.9	661.3	662.3
180°	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3



TEST NUMBER: P934811

CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	2030.9	2019.6	2019.6	2000.5	1993.0	1987.3	1977.9	1949.4	1941.8	1934.3	1945.7
5°	2047.9	2027.1	2011.9	1977.9	1949.4	1938.1	1902.1	1833.9	1788.4	1754.3	1735.3
7.5°	2051.8	2025.2	1996.8	1943.7	1875.6	1845.2	1735.3	1610.3	1576.3	1545.9	1526.9
10°	2047.9	2017.6	1977.9	1898.2	1737.2	1684.2	1574.3	1492.9	1472.0	1466.3	1472.0
12.5°	2034.7	2006.3	1951.3	1818.7	1593.3	1557.2	1492.9	1445.5	1441.7	1451.2	1502.4
15°	2011.9	1985.4	1921.0	1712.6	1513.7	1487.2	1441.7	1424.6	1445.5	1511.8	1665.3
17.5°	1989.2	1958.8	1879.3	1608.4	1453.0	1434.1	1401.9	1436.0	1553.5	1642.5	1693.6
20°	1958.8	1922.9	1832.0	1532.7	1409.5	1392.4	1377.3	1530.7	1619.8	1652.0	1680.4
22.5°	1922.9	1885.0	1767.5	1479.6	1364.0	1350.7	1360.2	1583.8	1619.8	1642.5	1667.2
25°	1875.6	1843.4	1691.7	1437.9	1328.1	1312.9	1348.9	1578.1	1598.9	1604.6	1653.9
27.5°	1832.0	1790.3	1612.2	1400.1	1284.5	1278.7	1358.4	1553.5	1568.6	1574.3	1627.4
30°	1778.9	1716.4	1523.2	1360.2	1239.0	1237.1	1360.2	1523.2	1519.4	1534.6	1587.5
32.5°	1724.0	1606.6	1422.7	1311.0	1195.4	1193.6	1347.0	1477.7	1473.9	1494.7	1534.6
35°	1672.8	1521.3	1286.4	1254.2	1140.5	1142.3	1314.8	1424.6	1426.5	1445.5	1470.1
37.5°	1619.8	1447.4	1136.7	1191.7	1087.4	1087.4	1271.2	1375.4	1371.6	1377.3	1411.3
40°	1557.2	1331.8	1004.1	1110.2	1038.2	1032.5	1218.1	1322.3	1309.1	1307.2	1354.6
42.5°	1491.0	1204.8	905.5	1002.2	981.3	973.8	1153.7	1257.9	1233.3	1239.0	1299.6
45°	1419.0	1170.8	829.8	846.8	922.6	916.9	1083.6	1184.0	1167.0	1182.2	1244.7
47.5°	1347.0	1102.6	805.1	702.9	860.1	858.2	1006.0	1112.0	1102.6	1117.8	1184.0
50°	1248.4	1026.8	803.2	602.5	790.0	797.6	913.2	1041.9	1041.9	1055.2	1125.3
52.5°	1121.5	934.0	729.3	545.6	708.5	731.2	831.7	981.3	985.2	998.4	1060.9
55°	1006.0	837.4	676.4	502.0	611.9	661.2	752.1	918.8	926.4	939.7	996.5
57.5°	899.9	697.2	665.0	450.8	522.8	570.3	682.0	858.2	862.0	873.4	928.3
60°	786.2	503.9	610.0	396.0	445.2	481.2	617.6	786.2	799.5	807.1	854.4
62.5°	657.3	365.7	553.1	358.0	407.4	414.9	564.5	718.1	735.1	740.7	769.2
65°	468.0	306.9	469.9	325.8	367.5	369.4	507.7	647.9	663.1	672.5	693.4
67.5°	316.3	250.1	358.0	295.5	337.2	339.1	452.8	566.4	587.3	594.8	608.1
70°	219.8	166.7	265.2	263.4	303.1	306.9	394.1	492.5	511.6	517.2	524.7
72.5°	161.0	134.5	219.8	236.8	267.1	270.9	333.5	409.2	428.2	433.8	437.7
75°	123.1	142.1	178.1	206.5	227.3	229.2	272.8	333.5	346.6	350.5	352.4
77.5°	98.5	132.6	130.7	166.7	185.7	181.8	214.0	257.6	269.0	269.0	269.0
80°	73.9	104.2	98.5	119.3	136.4	132.6	153.4	183.7	187.6	191.3	189.5
82.5°	55.0	66.3	66.3	75.8	90.9	87.2	102.3	119.3	119.3	119.3	123.1
85°	34.1	37.9	30.3	39.8	51.1	49.2	56.9	64.4	66.3	66.3	62.5
87.5°	20.8	17.0	9.5	15.2	22.8	22.8	26.5	28.4	26.5	26.5	26.5
90°	11.6	7.9	4.4	7.9	11.6	12.4	19.5	29.0	33.7	30.0	22.6
92.5°	78.2	48.0	17.8	48.0	78.2	85.8	120.6	167.0	190.2	166.7	119.7
95°	153.2	98.0	42.6	98.0	153.2	167.1	296.7	469.7	556.1	496.3	376.5
97.5°	171.3	122.6	73.8	122.6	171.3	183.6	399.8	688.0	832.2	794.3	718.7
100°	186.3	142.1	97.8	142.1	186.3	197.4	437.3	757.2	917.1	919.9	925.4
102.5°	200.9	159.6	118.3	159.6	200.9	211.2	454.5	778.9	941.1	989.3	1085.7
105°	222.9	187.9	153.0	187.9	222.9	231.6	467.2	781.3	938.4	1046.4	1262.6
107.5°	253.7	221.1	188.5	221.1	253.7	261.8	469.6	746.5	885.1	1035.8	1337.3
110°	271.3	242.0	212.5	242.0	271.3	278.7	466.0	715.8	840.6	1009.2	1346.2



TEST NUMBER: P934811

CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	292.2	264.0	236.0	264.0	292.2	299.1	466.1	688.8	800.2	972.6	1317.6
115°	323.3	297.5	271.6	297.5	323.3	329.8	470.4	657.9	751.7	917.9	1250.2
117.5°	353.7	330.2	306.7	330.2	353.7	359.6	479.2	638.6	718.3	868.3	1168.2
120°	371.4	349.3	327.1	349.3	371.4	377.0	486.3	632.1	705.0	842.0	1116.0
122.5°	391.9	369.5	347.2	369.5	391.9	397.4	496.5	628.8	694.8	818.1	1064.9
125°	418.5	398.2	377.8	398.2	418.5	423.6	510.3	625.9	683.7	788.5	998.2
127.5°	443.8	423.3	402.8	423.3	443.8	448.9	524.1	624.3	674.4	764.3	944.3
130°	460.3	438.2	416.1	438.2	460.3	465.9	534.2	625.3	670.8	750.9	911.2
132.5°	474.1	452.0	429.8	452.0	474.1	479.6	542.3	625.9	667.7	739.4	882.9
135°	490.6	470.4	450.3	470.4	490.6	495.7	551.2	625.3	662.3	722.4	842.5
137.5°	511.1	491.1	471.2	491.1	511.1	516.0	564.5	629.1	661.5	712.2	813.7
140°	525.3	506.9	488.5	506.9	525.3	529.9	572.7	629.8	658.3	702.2	789.9
142.5°	535.9	518.9	501.9	518.9	535.9	540.1	579.5	632.0	658.3	696.8	773.9
145°	551.9	537.2	522.4	537.2	551.9	555.6	588.4	632.1	653.9	685.5	748.5
147.5°	571.6	557.2	542.7	557.2	571.6	575.2	601.4	636.4	653.9	678.7	728.3
150°	582.2	569.1	556.1	569.1	582.2	585.5	608.3	638.7	653.9	674.8	716.7
152.5°	589.7	579.8	569.9	579.8	589.7	592.1	612.7	640.1	653.9	671.8	707.5
155°	605.0	597.6	590.3	597.6	605.0	606.8	622.5	643.4	653.9	668.1	696.6
157.5°	619.7	612.6	605.4	612.6	619.7	621.5	632.3	646.7	653.9	665.0	687.1
160°	626.8	621.2	615.7	621.2	626.8	628.1	636.7	648.2	653.9	663.4	682.3
162.5°	634.2	630.1	625.9	630.1	634.2	635.3	641.5	649.8	653.9	661.9	677.9
165°	644.5	640.8	637.0	640.8	644.5	645.5	648.3	652.0	653.9	659.6	671.1
167.5°	650.7	649.0	647.2	649.0	650.7	651.2	653.6	656.8	658.3	662.0	669.6
170°	657.4	655.7	653.9	655.7	657.4	657.9	658.0	658.2	658.3	662.0	669.6
172.5°	658.2	657.8	657.4	657.8	658.2	658.3	658.3	658.3	658.3	661.3	667.2
175°	662.3	662.3	662.3	662.3	662.3	662.3	661.0	659.2	658.3	660.2	663.9
177.5°	662.3	662.3	662.3	662.3	662.3	662.3	661.3	659.9	659.3	660.8	663.8
180°	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3



TEST NUMBER: P934811
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	1932.4	1926.7	1934.3	1913.4	1934.3	1926.7	1932.4	1945.7	1934.3	1941.8	1949.4
5°	1695.6	1686.1	1655.8	1631.1	1655.8	1686.1	1695.6	1735.3	1754.3	1788.4	1833.9
7.5°	1515.5	1508.0	1500.4	1485.2	1500.4	1508.0	1515.5	1526.9	1545.9	1576.3	1610.3
10°	1475.8	1477.7	1489.1	1487.2	1489.1	1477.7	1475.8	1472.0	1466.3	1472.0	1492.9
12.5°	1578.1	1595.2	1657.7	1653.9	1657.7	1595.2	1578.1	1502.4	1451.2	1441.7	1445.5
15°	1695.6	1701.2	1714.5	1716.4	1714.5	1701.2	1695.6	1665.3	1511.8	1445.5	1424.6
17.5°	1706.9	1708.8	1718.3	1718.3	1718.3	1708.8	1706.9	1693.6	1642.5	1553.5	1436.0
20°	1697.5	1701.2	1720.2	1724.0	1720.2	1701.2	1697.5	1680.4	1652.0	1619.8	1530.7
22.5°	1693.6	1701.2	1716.4	1714.5	1716.4	1701.2	1693.6	1667.2	1642.5	1619.8	1583.8
25°	1674.7	1674.7	1676.6	1678.5	1676.6	1674.7	1674.7	1653.9	1604.6	1598.9	1578.1
27.5°	1635.0	1638.7	1650.1	1648.2	1650.1	1638.7	1635.0	1627.4	1574.3	1568.6	1553.5
30°	1598.9	1595.2	1585.7	1578.1	1585.7	1595.2	1598.9	1587.5	1534.6	1519.4	1523.2
32.5°	1538.3	1528.8	1519.4	1513.7	1519.4	1528.8	1538.3	1534.6	1494.7	1473.9	1477.7
35°	1466.3	1468.2	1466.3	1460.7	1466.3	1468.2	1466.3	1470.1	1445.5	1426.5	1424.6
37.5°	1415.2	1419.0	1417.1	1409.5	1417.1	1419.0	1415.2	1411.3	1377.3	1371.6	1375.4
40°	1362.1	1364.0	1362.1	1356.5	1362.1	1364.0	1362.1	1354.6	1307.2	1309.1	1322.3
42.5°	1311.0	1309.1	1303.4	1299.6	1303.4	1309.1	1311.0	1299.6	1239.0	1233.3	1257.9
45°	1252.3	1254.2	1242.8	1237.1	1242.8	1254.2	1252.3	1244.7	1182.2	1167.0	1184.0
47.5°	1193.6	1193.6	1184.0	1178.4	1184.0	1193.6	1193.6	1184.0	1117.8	1102.6	1112.0
50°	1131.0	1129.1	1115.8	1113.9	1115.8	1129.1	1131.0	1125.3	1055.2	1041.9	1041.9
52.5°	1059.1	1059.1	1060.9	1064.7	1060.9	1059.1	1059.1	1060.9	998.4	985.2	981.3
55°	996.5	998.4	1011.6	1015.5	1011.6	998.4	996.5	996.5	939.7	926.4	918.8
57.5°	932.1	932.1	941.6	941.6	941.6	932.1	932.1	928.3	873.4	862.0	858.2
60°	858.2	862.0	869.6	867.7	869.6	862.0	858.2	854.4	807.1	799.5	786.2
62.5°	780.5	784.3	786.2	782.4	786.2	784.3	780.5	769.2	740.7	735.1	718.1
65°	699.0	702.9	704.8	700.9	704.8	702.9	699.0	693.4	672.5	663.1	647.9
67.5°	615.7	613.8	611.9	619.5	611.9	613.8	615.7	608.1	594.8	587.3	566.4
70°	530.5	530.5	528.6	532.3	528.6	530.5	530.5	524.7	517.2	511.6	492.5
72.5°	439.5	437.7	445.2	439.5	445.2	437.7	439.5	437.7	433.8	428.2	409.2
75°	350.5	354.3	350.5	356.2	350.5	354.3	350.5	352.4	350.5	346.6	333.5
77.5°	267.1	270.9	267.1	267.1	267.1	270.9	267.1	269.0	269.0	269.0	257.6
80°	189.5	187.6	187.6	185.7	187.6	187.6	189.5	189.5	191.3	187.6	183.7
82.5°	121.2	119.3	119.3	123.1	119.3	119.3	121.2	123.1	119.3	119.3	119.3
85°	66.3	68.2	64.4	64.4	64.4	68.2	66.3	62.5	66.3	66.3	64.4
87.5°	24.7	22.8	22.8	22.8	22.8	22.8	24.7	26.5	26.5	26.5	28.4
90°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	22.6	30.0	33.7	29.0
92.5°	84.4	81.1	67.6	54.2	67.6	81.1	84.4	119.7	166.7	190.2	167.0
95°	286.7	276.6	235.8	195.1	235.8	276.6	286.7	376.5	496.3	556.1	469.7
97.5°	661.9	642.5	565.1	487.7	565.1	642.5	661.9	718.7	794.3	832.2	688.0
100°	929.5	906.5	814.1	721.9	814.1	906.5	929.5	925.4	919.9	917.1	757.2
102.5°	1158.0	1138.2	1059.2	980.2	1059.2	1138.2	1158.0	1085.7	989.3	941.1	778.9
105°	1424.7	1414.1	1371.6	1329.1	1371.6	1414.1	1424.7	1262.6	1046.4	938.4	781.3
107.5°	1563.4	1566.0	1576.3	1586.5	1576.3	1566.0	1563.4	1337.3	1035.8	885.1	746.5
110°	1599.0	1610.1	1654.3	1698.5	1654.3	1610.1	1599.0	1346.2	1009.2	840.6	715.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1576.3	1593.3	1661.2	1729.2	1661.2	1593.3	1576.3	1317.6	972.6	800.2	688.8
115°	1499.4	1522.9	1617.2	1711.4	1617.2	1522.9	1499.4	1250.2	917.9	751.7	657.9
117.5°	1393.2	1419.3	1523.8	1628.3	1523.8	1419.3	1393.2	1168.2	868.3	718.3	638.6
120°	1321.6	1347.0	1448.5	1550.1	1448.5	1347.0	1321.6	1116.0	842.0	705.0	632.1
122.5°	1250.0	1275.0	1375.2	1475.4	1375.2	1275.0	1250.0	1064.9	818.1	694.8	628.8
125°	1155.3	1178.4	1270.7	1363.0	1270.7	1178.4	1155.3	998.2	788.5	683.7	625.9
127.5°	1079.3	1098.8	1176.6	1254.5	1176.6	1098.8	1079.3	944.3	764.3	674.4	624.3
130°	1031.3	1049.3	1121.2	1193.1	1121.2	1049.3	1031.3	911.2	750.9	670.8	625.3
132.5°	990.4	1006.5	1070.9	1135.3	1070.9	1006.5	990.4	882.9	739.4	667.7	625.9
135°	932.6	946.4	1002.0	1057.5	1002.0	946.4	932.6	842.5	722.4	662.3	625.3
137.5°	889.9	901.3	946.7	992.2	946.7	901.3	889.9	813.7	712.2	661.5	629.1
140°	855.7	866.3	908.9	951.3	908.9	866.3	855.7	789.9	702.2	658.3	629.8
142.5°	831.7	840.9	877.4	913.9	877.4	840.9	831.7	773.9	696.8	658.3	632.0
145°	795.7	802.6	830.3	857.9	830.3	802.6	795.7	748.5	685.5	653.9	632.1
147.5°	765.5	771.2	794.1	817.0	794.1	771.2	765.5	728.3	678.7	653.9	636.4
150°	748.2	752.8	771.4	789.9	771.4	752.8	748.2	716.7	674.8	653.9	638.7
152.5°	734.4	737.9	751.9	765.9	751.9	737.9	734.4	707.5	671.8	653.9	640.1
155°	718.0	720.3	729.5	738.8	729.5	720.3	718.0	696.6	668.1	653.9	643.4
157.5°	703.7	705.3	711.8	718.3	711.8	705.3	703.7	687.1	665.0	653.9	646.7
160°	696.5	697.5	701.2	705.0	701.2	697.5	696.5	682.3	663.4	653.9	648.2
162.5°	689.9	690.8	694.3	697.9	694.3	690.8	689.9	677.9	661.9	653.9	649.8
165°	679.7	680.7	684.4	688.1	684.4	680.7	679.7	671.1	659.6	653.9	652.0
167.5°	675.2	675.6	677.2	678.8	677.2	675.6	675.2	669.6	662.0	658.3	656.8
170°	675.2	675.2	675.2	675.2	675.2	675.2	675.2	669.6	662.0	658.3	658.2
172.5°	671.7	671.3	670.0	668.5	670.0	671.3	671.7	667.2	661.3	658.3	658.3
175°	666.8	666.8	666.8	666.8	666.8	666.8	666.8	663.9	660.2	658.3	659.2
177.5°	665.9	665.6	663.9	662.3	663.9	665.6	665.9	663.8	660.8	659.3	659.9
180°	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3



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CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2002.4	2002.4	2002.4	2002.4	2002.4
2.5°	1977.9	1987.3	1993.0	2000.5	2019.6
5°	1902.1	1938.1	1949.4	1977.9	2011.9
7.5°	1735.3	1845.2	1875.6	1943.7	1996.8
10°	1574.3	1684.2	1737.2	1898.2	1977.9
12.5°	1492.9	1557.2	1593.3	1818.7	1951.3
15°	1441.7	1487.2	1513.7	1712.6	1921.0
17.5°	1401.9	1434.1	1453.0	1608.4	1879.3
20°	1377.3	1392.4	1409.5	1532.7	1832.0
22.5°	1360.2	1350.7	1364.0	1479.6	1767.5
25°	1348.9	1312.9	1328.1	1437.9	1691.7
27.5°	1358.4	1278.7	1284.5	1400.1	1612.2
30°	1360.2	1237.1	1239.0	1360.2	1523.2
32.5°	1347.0	1193.6	1195.4	1311.0	1422.7
35°	1314.8	1142.3	1140.5	1254.2	1286.4
37.5°	1271.2	1087.4	1087.4	1191.7	1136.7
40°	1218.1	1032.5	1038.2	1110.2	1004.1
42.5°	1153.7	973.8	981.3	1002.2	905.5
45°	1083.6	916.9	922.6	846.8	829.8
47.5°	1006.0	858.2	860.1	702.9	805.1
50°	913.2	797.6	790.0	602.5	803.2
52.5°	831.7	731.2	708.5	545.6	729.3
55°	752.1	661.2	611.9	502.0	676.4
57.5°	682.0	570.3	522.8	450.8	665.0
60°	617.6	481.2	445.2	396.0	610.0
62.5°	564.5	414.9	407.4	358.0	553.1
65°	507.7	369.4	367.5	325.8	469.9
67.5°	452.8	339.1	337.2	295.5	358.0
70°	394.1	306.9	303.1	263.4	265.2
72.5°	333.5	270.9	267.1	236.8	219.8
75°	272.8	229.2	227.3	206.5	178.1
77.5°	214.0	181.8	185.7	166.7	130.7
80°	153.4	132.6	136.4	119.3	98.5
82.5°	102.3	87.2	90.9	75.8	66.3
85°	56.9	49.2	51.1	39.8	30.3
87.5°	26.5	22.8	22.8	15.2	9.5
90°	19.5	12.4	11.6	7.9	4.4
92.5°	120.6	85.8	78.2	48.0	17.8
95°	296.7	167.1	153.2	98.0	42.6
97.5°	399.8	183.6	171.3	122.6	73.8
100°	437.3	197.4	186.3	142.1	97.8
102.5°	454.5	211.2	200.9	159.6	118.3
105°	467.2	231.6	222.9	187.9	153.0
107.5°	469.6	261.8	253.7	221.1	188.5
110°	466.0	278.7	271.3	242.0	212.5



TEST NUMBER: P934811

CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	466.1	299.1	292.2	264.0	236.0
115°	470.4	329.8	323.3	297.5	271.6
117.5°	479.2	359.6	353.7	330.2	306.7
120°	486.3	377.0	371.4	349.3	327.1
122.5°	496.5	397.4	391.9	369.5	347.2
125°	510.3	423.6	418.5	398.2	377.8
127.5°	524.1	448.9	443.8	423.3	402.8
130°	534.2	465.9	460.3	438.2	416.1
132.5°	542.3	479.6	474.1	452.0	429.8
135°	551.2	495.7	490.6	470.4	450.3
137.5°	564.5	516.0	511.1	491.1	471.2
140°	572.7	529.9	525.3	506.9	488.5
142.5°	579.5	540.1	535.9	518.9	501.9
145°	588.4	555.6	551.9	537.2	522.4
147.5°	601.4	575.2	571.6	557.2	542.7
150°	608.3	585.5	582.2	569.1	556.1
152.5°	612.7	592.1	589.7	579.8	569.9
155°	622.5	606.8	605.0	597.6	590.3
157.5°	632.3	621.5	619.7	612.6	605.4
160°	636.7	628.1	626.8	621.2	615.7
162.5°	641.5	635.3	634.2	630.1	625.9
165°	648.3	645.5	644.5	640.8	637.0
167.5°	653.6	651.2	650.7	649.0	647.2
170°	658.0	657.9	657.4	655.7	653.9
172.5°	658.3	658.3	658.2	657.8	657.4
175°	661.0	662.3	662.3	662.3	662.3
177.5°	661.3	662.3	662.3	662.3	662.3
180°	662.3	662.3	662.3	662.3	662.3



TEST NUMBER: P934811
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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	13.97	14.88	14.89	15.81	17.02	16.80	17.70	17.71	18.64	19.84
	3H	14.45	15.27	15.38	16.21	17.44	18.15	18.96	19.07	19.90	21.13
	4H	14.65	15.42	15.59	16.36	17.60	18.59	19.36	19.53	20.31	21.54
	6H	14.77	15.48	15.72	16.43	17.68	18.88	19.58	19.83	20.54	21.79
	8H	14.77	15.45	15.73	16.42	17.66	18.95	19.63	19.91	20.60	21.84
	12H	14.74	15.39	15.71	16.35	17.62	18.99	19.63	19.96	20.60	21.87
4H	2H	15.01	15.78	15.96	16.73	17.96	17.21	17.98	18.16	18.93	20.16
	3H	16.04	16.68	17.00	17.66	18.91	18.72	19.36	19.68	20.34	21.59
	4H	16.32	16.90	17.29	17.88	19.15	19.25	19.83	20.22	20.81	22.08
	6H	16.45	16.95	17.43	17.95	19.22	19.62	20.12	20.60	21.12	22.39
	8H	16.45	16.92	17.44	17.91	19.20	19.72	20.19	20.71	21.18	22.47
	12H	16.42	16.85	17.42	17.85	19.15	19.78	20.21	20.78	21.21	22.50
8H	4H	16.78	17.25	17.76	18.24	19.52	19.38	19.85	20.36	20.84	22.13
	6H	17.04	17.43	18.05	18.46	19.75	19.82	20.20	20.82	21.24	22.52
	8H	17.08	17.43	18.10	18.44	19.75	19.97	20.31	20.98	21.33	22.63
	12H	17.07	17.37	18.09	18.38	19.73	20.07	20.37	21.09	21.38	22.73
12H	4H	16.78	17.21	17.79	18.21	19.51	19.35	19.77	20.35	20.78	22.07
	6H	17.10	17.44	18.12	18.46	19.77	19.81	20.16	20.83	21.18	22.48
	8H	17.17	17.47	18.19	18.48	19.83	19.98	20.28	20.99	21.29	22.64