

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: P934716

Luminaire Tested: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934716
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

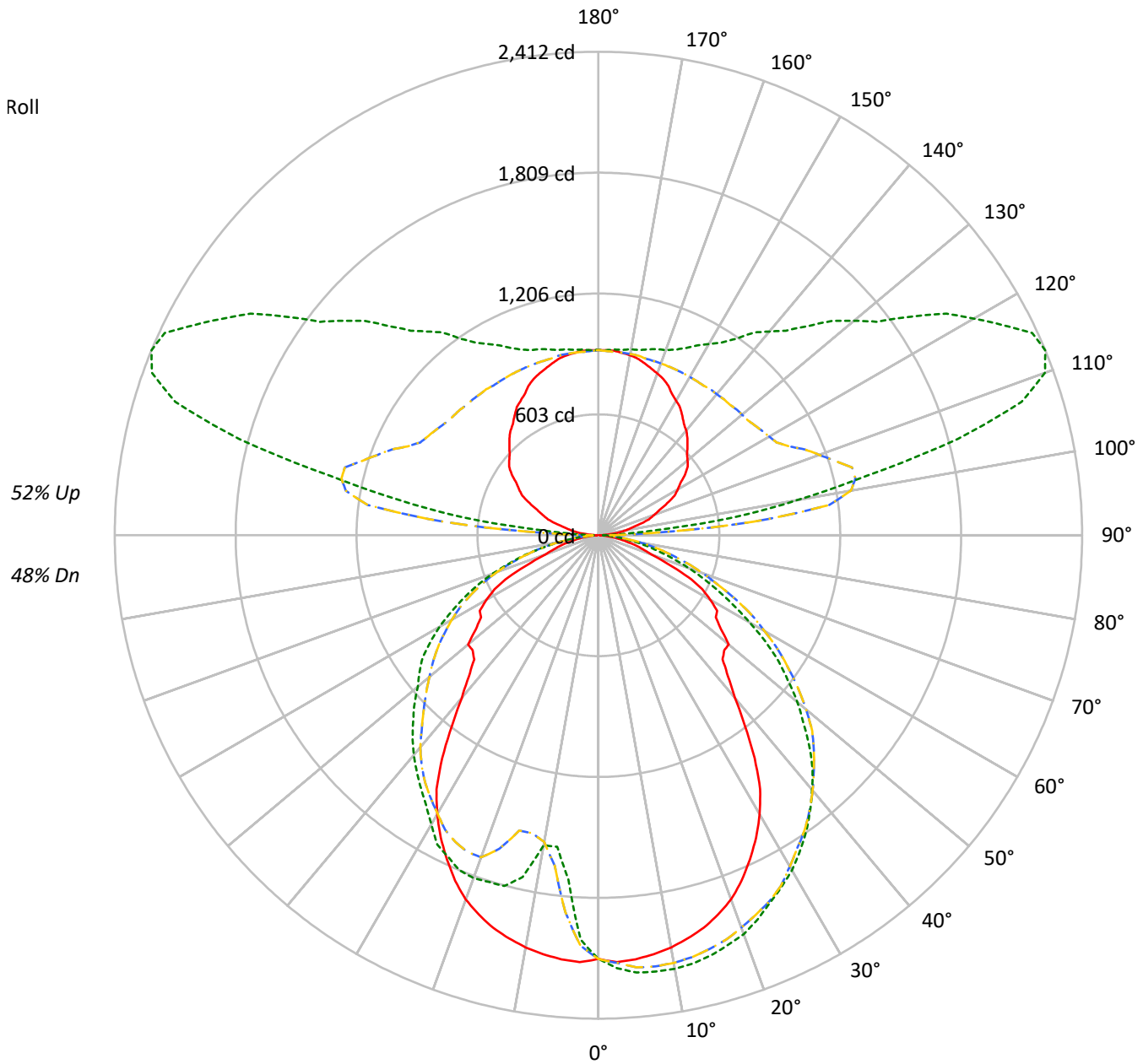
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11473.0 lumens
Efficiency: N/A
Efficacy: 135.3 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): 84.8
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

TEST NUMBER: P934716
CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

Luminous Intensity Polar Plot



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



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

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
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9808	9808	9808	9808
5°	9881	9900	9881	7785
10°	9815	9752	9815	6972
15°	9708	9541	9708	7967
20°	9505	9291	9505	7984
25°	9089	8926	9089	7814
30°	8552	8623	8552	7443
35°	7624	8239	7624	7035
40°	6353	7788	6353	6726
45°	5677	7259	5677	6371
50°	6031	6629	6031	6016
55°	5674	5951	5674	5810
60°	5849	5054	5849	5321
65°	5303	4178	5303	4670
70°	3672	3330	3672	3915
75°	3220	2461	3220	2947
80°	2595	1627	2595	1772
85°	1491	862	1491	733

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8700 cd/sqm



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.8	1.7
10°-20°	541.8	4.7
20°-30°	837.5	7.3
30°-40°	999.8	8.7
40°-50°	1005.6	8.8
50°-60°	875.1	7.6
60°-70°	620.4	5.4
70°-80°	328.2	2.9
80°-90°	85.3	0.7
90°-100°	450.3	3.9
100°-110°	1183.8	10.3
110°-120°	1227.5	10.7
120°-130°	984.6	8.6
130°-140°	772.6	6.7
140°-150°	593.0	5.2
150°-160°	427.0	3.7
160°-170°	261.3	2.3
170°-180°	88.3	0.8
0°-30°	1570.1	13.7
0°-40°	2569.9	22.4
0°-60°	4450.6	38.8
0°-90°	5484.5	47.8
90°-120°	2861.7	24.9
90°-150°	5211.9	45.4
90°-180°	5988.0	52.2
0°-180°	11473.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2114	2114	2114	2114	2114	
5°	2124	2190	2124	1722	2124	201
15°	2028	2170	2028	1812	2028	571
25°	1786	2024	1786	1772	1786	820
35°	1358	1806	1358	1542	1358	840
45°	876	1488	876	1306	876	702
55°	714	1098	714	1072	714	656
65°	496	662	496	740	496	474
75°	188	314	188	376	188	198
85°	32	80	32	68	32	43
90°	6	24	6	24	6	6
95°	60	272	60	272	60	66
105°	213	1854	213	1854	213	226
115°	379	2387	379	2387	379	374
125°	527	1901	527	1901	527	468
135°	628	1475	628	1475	628	486
145°	728	1197	728	1197	728	456
155°	823	1030	823	1030	823	378
165°	888	960	888	960	888	251
175°	924	930	924	930	924	88
180°	924	924	924	924	924	



TEST NUMBER: P934716
 CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2131.9	2131.9	2143.9	2147.9	2147.9	2141.9	2135.9	2141.9	2159.9	2165.9	2163.9
5°	2123.9	2139.9	2161.9	2165.9	2169.9	2167.9	2163.9	2167.9	2187.9	2191.9	2193.9
7.5°	2107.9	2137.9	2165.9	2171.9	2177.9	2171.9	2169.9	2173.9	2193.9	2197.9	2197.9
10°	2087.9	2129.9	2161.9	2165.9	2171.9	2165.9	2165.9	2173.9	2193.9	2197.9	2199.9
12.5°	2059.9	2117.9	2147.9	2151.9	2159.9	2157.9	2155.9	2163.9	2183.9	2187.9	2187.9
15°	2027.9	2095.9	2123.9	2127.9	2141.9	2137.9	2137.9	2145.9	2167.9	2173.9	2171.9
17.5°	1983.9	2067.9	2099.9	2105.9	2115.9	2113.9	2115.9	2123.9	2143.9	2147.9	2149.9
20°	1933.9	2029.9	2067.9	2073.9	2083.9	2083.9	2083.9	2093.9	2113.9	2121.9	2121.9
22.5°	1865.9	1989.9	2029.9	2033.9	2045.9	2045.9	2049.9	2063.9	2081.9	2083.9	2083.9
25°	1785.9	1945.9	1979.9	1991.9	2003.9	2009.9	2015.9	2023.9	2029.9	2027.9	2029.9
27.5°	1701.9	1889.9	1933.9	1941.9	1957.9	1963.9	1971.9	1973.9	1975.9	1981.9	1977.9
30°	1607.9	1811.9	1877.9	1885.9	1911.9	1915.9	1907.9	1911.9	1921.9	1925.9	1929.9
32.5°	1501.9	1695.9	1819.9	1837.9	1861.9	1849.9	1847.9	1853.9	1869.9	1869.9	1873.9
35°	1357.9	1605.9	1765.9	1781.9	1799.9	1785.9	1793.9	1795.9	1805.9	1811.9	1809.9
37.5°	1199.9	1527.9	1709.9	1721.9	1735.9	1717.9	1729.9	1735.9	1743.9	1739.9	1739.9
40°	1060.0	1405.9	1643.9	1651.9	1663.9	1649.9	1661.9	1665.9	1669.9	1665.9	1663.9
42.5°	956.0	1271.9	1573.9	1583.9	1575.9	1585.9	1589.9	1597.9	1591.9	1583.9	1583.9
45°	876.0	1235.9	1497.9	1509.9	1497.9	1513.9	1519.9	1519.9	1501.9	1497.9	1495.9
47.5°	850.0	1164.0	1421.9	1421.9	1415.9	1435.9	1445.9	1431.9	1413.9	1407.9	1407.9
50°	848.0	1084.0	1317.9	1309.9	1337.9	1361.9	1351.9	1337.9	1323.9	1301.9	1301.9
52.5°	770.0	986.0	1184.0	1213.9	1257.9	1271.9	1255.9	1241.9	1217.9	1207.9	1199.9
55°	714.0	884.0	1062.0	1122.0	1168.0	1186.0	1156.0	1142.0	1106.0	1100.0	1096.0
57.5°	702.0	736.0	950.0	1026.0	1082.0	1080.0	1062.0	1036.0	1006.0	1000.0	998.0
60°	644.0	532.0	830.0	920.0	978.0	972.0	956.0	932.0	904.0	900.0	896.0
62.5°	584.0	386.0	694.0	796.0	878.0	876.0	862.0	826.0	806.0	796.0	788.0
65°	496.0	324.0	494.0	662.0	780.0	784.0	754.0	728.0	706.0	694.0	692.0
67.5°	378.0	264.0	334.0	552.0	686.0	682.0	644.0	632.0	604.0	598.0	586.0
70°	280.0	176.0	232.0	448.0	594.0	584.0	554.0	540.0	514.0	500.0	492.0
72.5°	232.0	142.0	170.0	348.0	500.0	488.0	462.0	446.0	424.0	412.0	404.0
75°	188.0	150.0	130.0	258.0	406.0	398.0	374.0	358.0	340.0	324.0	326.0
77.5°	138.0	140.0	104.0	190.0	322.0	310.0	296.0	276.0	268.0	252.0	252.0
80°	104.0	110.0	78.0	130.0	232.0	232.0	220.0	206.0	192.0	184.0	184.0
82.5°	70.0	70.0	58.0	82.0	158.0	152.0	144.0	140.0	132.0	128.0	128.0
85°	32.0	40.0	36.0	50.0	86.0	90.0	90.0	86.0	84.0	80.0	82.0
87.5°	10.0	18.0	22.0	28.0	44.0	46.0	48.0	48.0	48.0	50.0	50.0
90°	6.2	11.2	16.2	17.4	27.3	40.5	47.1	41.9	31.4	23.6	23.6
92.5°	24.8	67.0	109.2	119.7	168.3	233.0	265.4	232.6	167.0	117.8	113.1
95°	59.5	136.7	213.8	233.1	413.9	655.0	775.6	692.1	525.1	399.9	385.7
97.5°	102.9	171.0	239.1	256.1	557.6	959.6	1160.6	1107.8	1002.3	923.2	896.2
100°	136.4	198.1	259.9	275.3	609.9	1056.0	1279.0	1282.9	1290.6	1296.4	1264.2
102.5°	164.9	222.5	280.1	294.5	633.8	1086.3	1312.5	1379.7	1514.2	1615.1	1587.5
105°	213.3	262.1	310.8	323.0	651.6	1089.7	1308.8	1459.5	1760.9	1987.0	1972.2
107.5°	262.9	308.4	353.8	365.2	654.9	1041.2	1234.4	1444.6	1865.1	2180.5	2184.1
110°	296.4	337.4	378.4	388.7	649.9	998.2	1172.4	1407.4	1877.5	2230.1	2245.5



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	329.2	368.3	407.4	417.2	650.1	960.7	1116.0	1356.6	1837.7	2198.5	2222.2
115°	378.8	414.9	451.0	460.0	656.1	917.6	1048.4	1280.1	1743.6	2091.2	2124.1
117.5°	427.8	460.6	493.4	501.6	668.4	890.7	1001.9	1211.0	1629.3	1943.0	1979.4
120°	456.3	487.1	518.0	525.7	678.2	881.6	983.3	1174.4	1556.6	1843.2	1878.6
122.5°	484.2	515.4	546.5	554.3	692.5	876.8	969.0	1141.1	1485.3	1743.4	1778.3
125°	527.0	555.4	583.7	590.8	711.7	872.9	953.5	1099.7	1392.0	1611.3	1643.5
127.5°	561.7	590.4	619.0	626.2	731.0	870.7	940.5	1066.0	1317.0	1505.3	1532.4
130°	580.3	611.1	642.0	649.7	745.0	872.1	935.6	1047.3	1270.8	1438.4	1463.5
132.5°	599.5	630.4	661.3	669.0	756.4	872.9	931.2	1031.2	1231.3	1381.3	1403.8
135°	628.0	656.1	684.3	691.3	768.8	872.1	923.8	1007.6	1175.1	1300.7	1320.1
137.5°	657.2	685.0	712.8	719.8	787.4	877.5	922.5	993.3	1135.0	1241.2	1257.0
140°	681.4	707.0	732.6	739.0	798.7	878.4	918.2	979.4	1101.7	1193.5	1208.3
142.5°	700.0	723.7	747.4	753.3	808.3	881.6	918.2	971.9	1079.4	1160.0	1172.7
145°	728.5	749.2	769.8	775.0	820.7	881.6	912.0	956.0	1043.9	1109.8	1119.4
147.5°	757.0	777.1	797.3	802.3	838.9	887.6	912.0	946.6	1015.7	1067.6	1075.6
150°	775.6	793.8	812.0	816.5	848.3	890.8	912.0	941.2	999.6	1043.4	1049.9
152.5°	794.8	808.6	822.4	825.8	854.5	892.8	912.0	936.9	986.8	1024.2	1029.1
155°	823.3	833.5	843.7	846.3	868.2	897.4	912.0	931.8	971.5	1001.3	1004.5
157.5°	844.4	854.3	864.2	866.7	881.8	901.9	912.0	927.4	958.3	981.4	983.7
160°	858.7	866.4	874.1	876.0	888.0	904.0	912.0	925.2	951.7	971.5	972.8
162.5°	872.9	878.7	884.5	886.0	894.7	906.2	912.0	923.2	945.5	962.2	963.4
165°	888.4	893.6	898.9	900.2	904.1	909.4	912.0	920.0	936.0	948.0	949.3
167.5°	902.7	905.2	907.7	908.3	911.6	916.0	918.2	923.4	933.9	941.8	942.3
170°	912.0	914.5	917.0	917.6	917.8	918.1	918.2	923.4	933.9	941.8	941.8
172.5°	917.0	917.5	918.1	918.2	918.2	918.2	918.2	922.3	930.6	936.8	936.3
175°	923.8	923.8	923.8	923.8	921.9	919.4	918.2	920.8	926.1	930.0	930.0
177.5°	923.8	923.8	923.8	923.8	922.3	920.4	919.4	921.5	925.6	928.7	928.2
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2167.9	2161.9	2167.9	2163.9	2165.9	2159.9	2141.9	2135.9	2141.9	2147.9	2147.9
5°	2193.9	2189.9	2193.9	2193.9	2191.9	2187.9	2167.9	2163.9	2167.9	2169.9	2165.9
7.5°	2201.9	2195.9	2201.9	2197.9	2197.9	2193.9	2173.9	2169.9	2171.9	2177.9	2171.9
10°	2201.9	2195.9	2201.9	2199.9	2197.9	2193.9	2173.9	2165.9	2165.9	2171.9	2165.9
12.5°	2191.9	2187.9	2191.9	2187.9	2187.9	2183.9	2163.9	2155.9	2157.9	2159.9	2151.9
15°	2175.9	2169.9	2175.9	2171.9	2173.9	2167.9	2145.9	2137.9	2137.9	2141.9	2127.9
17.5°	2151.9	2143.9	2151.9	2149.9	2147.9	2143.9	2123.9	2115.9	2113.9	2115.9	2105.9
20°	2123.9	2117.9	2123.9	2121.9	2121.9	2113.9	2093.9	2083.9	2083.9	2083.9	2073.9
22.5°	2079.9	2073.9	2079.9	2083.9	2083.9	2081.9	2063.9	2049.9	2045.9	2045.9	2033.9
25°	2029.9	2023.9	2029.9	2029.9	2027.9	2029.9	2023.9	2015.9	2009.9	2003.9	1991.9
27.5°	1981.9	1977.9	1981.9	1977.9	1981.9	1975.9	1973.9	1971.9	1963.9	1957.9	1941.9
30°	1933.9	1929.9	1933.9	1929.9	1925.9	1921.9	1911.9	1907.9	1915.9	1911.9	1885.9
32.5°	1873.9	1869.9	1873.9	1873.9	1869.9	1869.9	1853.9	1847.9	1849.9	1861.9	1837.9
35°	1811.9	1805.9	1811.9	1809.9	1811.9	1805.9	1795.9	1793.9	1785.9	1799.9	1781.9
37.5°	1739.9	1733.9	1739.9	1739.9	1739.9	1743.9	1735.9	1729.9	1717.9	1735.9	1721.9
40°	1665.9	1657.9	1665.9	1663.9	1665.9	1669.9	1665.9	1661.9	1649.9	1663.9	1651.9
42.5°	1581.9	1579.9	1581.9	1583.9	1583.9	1591.9	1597.9	1589.9	1585.9	1575.9	1583.9
45°	1491.9	1487.9	1491.9	1495.9	1497.9	1501.9	1519.9	1519.9	1513.9	1497.9	1509.9
47.5°	1395.9	1385.9	1395.9	1407.9	1407.9	1413.9	1431.9	1445.9	1435.9	1415.9	1421.9
50°	1293.9	1295.9	1293.9	1301.9	1301.9	1323.9	1337.9	1351.9	1361.9	1337.9	1309.9
52.5°	1193.9	1192.0	1193.9	1199.9	1207.9	1217.9	1241.9	1255.9	1271.9	1257.9	1213.9
55°	1094.0	1098.0	1094.0	1096.0	1100.0	1106.0	1142.0	1156.0	1186.0	1168.0	1122.0
57.5°	994.0	988.0	994.0	998.0	1000.0	1006.0	1036.0	1062.0	1080.0	1082.0	1026.0
60°	878.0	870.0	878.0	896.0	900.0	904.0	932.0	956.0	972.0	978.0	920.0
62.5°	776.0	762.0	776.0	788.0	796.0	806.0	826.0	862.0	876.0	878.0	796.0
65°	668.0	662.0	668.0	692.0	694.0	706.0	728.0	754.0	784.0	780.0	662.0
67.5°	570.0	570.0	570.0	586.0	598.0	604.0	632.0	644.0	682.0	686.0	552.0
70°	480.0	478.0	480.0	492.0	500.0	514.0	540.0	554.0	584.0	594.0	448.0
72.5°	394.0	392.0	394.0	404.0	412.0	424.0	446.0	462.0	488.0	500.0	348.0
75°	318.0	314.0	318.0	326.0	324.0	340.0	358.0	374.0	398.0	406.0	258.0
77.5°	244.0	244.0	244.0	252.0	252.0	268.0	276.0	296.0	310.0	322.0	190.0
80°	182.0	180.0	182.0	184.0	184.0	192.0	206.0	220.0	232.0	232.0	130.0
82.5°	128.0	124.0	128.0	128.0	128.0	132.0	140.0	144.0	152.0	158.0	82.0
85°	80.0	80.0	80.0	82.0	80.0	84.0	86.0	90.0	90.0	86.0	50.0
87.5°	52.0	50.0	52.0	50.0	50.0	48.0	48.0	48.0	46.0	44.0	28.0
90°	23.6	23.6	23.6	23.6	23.6	31.4	41.9	47.1	40.5	27.3	17.4
92.5°	94.4	75.6	94.4	113.1	117.8	167.0	232.6	265.4	233.0	168.3	119.7
95°	329.0	272.2	329.0	385.7	399.9	525.1	692.1	775.6	655.0	413.9	233.1
97.5°	788.1	680.1	788.1	896.2	923.2	1002.3	1107.8	1160.6	959.6	557.6	256.1
100°	1135.6	1006.9	1135.6	1264.2	1296.4	1290.6	1282.9	1279.0	1056.0	609.9	275.3
102.5°	1477.3	1367.1	1477.3	1587.5	1615.1	1514.2	1379.7	1312.5	1086.3	633.8	294.5
105°	1912.9	1853.7	1912.9	1972.2	1987.0	1760.9	1459.5	1308.8	1089.7	651.6	323.0
107.5°	2198.4	2212.7	2198.4	2184.1	2180.5	1865.1	1444.6	1234.4	1041.2	654.9	365.2
110°	2307.3	2369.0	2307.3	2245.5	2230.1	1877.5	1407.4	1172.4	998.2	649.9	388.7



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2316.9	2411.7	2316.9	2222.2	2198.5	1837.7	1356.6	1116.0	960.7	650.1	417.2
115°	2255.5	2386.9	2255.5	2124.1	2091.2	1743.6	1280.1	1048.4	917.6	656.1	460.0
117.5°	2125.2	2271.0	2125.2	1979.4	1943.0	1629.3	1211.0	1001.9	890.7	668.4	501.6
120°	2020.3	2161.9	2020.3	1878.6	1843.2	1556.6	1174.4	983.3	881.6	678.2	525.7
122.5°	1918.0	2057.7	1918.0	1778.3	1743.4	1485.3	1141.1	969.0	876.8	692.5	554.3
125°	1772.2	1900.9	1772.2	1643.5	1611.3	1392.0	1099.7	953.5	872.9	711.7	590.8
127.5°	1641.0	1749.6	1641.0	1532.4	1505.3	1317.0	1066.0	940.5	870.7	731.0	626.2
130°	1563.7	1664.0	1563.7	1463.5	1438.4	1270.8	1047.3	935.6	872.1	745.0	649.7
132.5°	1493.6	1583.4	1493.6	1403.8	1381.3	1231.3	1031.2	931.2	872.9	756.4	669.0
135°	1397.5	1474.9	1397.5	1320.1	1300.7	1175.1	1007.6	923.8	872.1	768.8	691.3
137.5°	1320.4	1383.8	1320.4	1257.0	1241.2	1135.0	993.3	922.5	877.5	787.4	719.8
140°	1267.6	1326.8	1267.6	1208.3	1193.5	1101.7	979.4	918.2	878.4	798.7	739.0
142.5°	1223.7	1274.7	1223.7	1172.7	1160.0	1079.4	971.9	918.2	881.6	808.3	753.3
145°	1158.0	1196.6	1158.0	1119.4	1109.8	1043.9	956.0	912.0	881.6	820.7	775.0
147.5°	1107.5	1139.5	1107.5	1075.6	1067.6	1015.7	946.6	912.0	887.6	838.9	802.3
150°	1075.8	1101.7	1075.8	1049.9	1043.4	999.6	941.2	912.0	890.8	848.3	816.5
152.5°	1048.6	1068.2	1048.6	1029.1	1024.2	986.8	936.9	912.0	892.8	854.5	825.8
155°	1017.5	1030.4	1017.5	1004.5	1001.3	971.5	931.8	912.0	897.4	868.2	846.3
157.5°	992.8	1001.9	992.8	983.7	981.4	958.3	927.4	912.0	901.9	881.8	866.7
160°	978.1	983.3	978.1	972.8	971.5	951.7	925.2	912.0	904.0	888.0	876.0
162.5°	968.4	973.4	968.4	963.4	962.2	945.5	923.2	912.0	906.2	894.7	886.0
165°	954.5	959.7	954.5	949.3	948.0	936.0	920.0	912.0	909.4	904.1	900.2
167.5°	944.5	946.7	944.5	942.3	941.8	933.9	923.4	918.2	916.0	911.6	908.3
170°	941.8	941.8	941.8	941.8	941.8	933.9	923.4	918.2	918.1	917.8	917.6
172.5°	934.4	932.5	934.4	936.3	936.8	930.6	922.3	918.2	918.2	918.2	918.2
175°	930.0	930.0	930.0	930.0	930.0	926.1	920.8	918.2	919.4	921.9	923.8
177.5°	926.0	923.8	926.0	928.2	928.7	925.6	921.5	919.4	920.4	922.3	923.8
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2143.9	2131.9	2131.9	2111.9	2103.9	2097.9	2087.9	2057.9	2049.9	2041.9	2053.9
5°	2161.9	2139.9	2123.9	2087.9	2057.9	2045.9	2007.9	1935.9	1887.9	1851.9	1831.9
7.5°	2165.9	2137.9	2107.9	2051.9	1979.9	1947.9	1831.9	1699.9	1663.9	1631.9	1611.9
10°	2161.9	2129.9	2087.9	2003.9	1833.9	1777.9	1661.9	1575.9	1553.9	1547.9	1553.9
12.5°	2147.9	2117.9	2059.9	1919.9	1681.9	1643.9	1575.9	1525.9	1521.9	1531.9	1585.9
15°	2123.9	2095.9	2027.9	1807.9	1597.9	1569.9	1521.9	1503.9	1525.9	1595.9	1757.9
17.5°	2099.9	2067.9	1983.9	1697.9	1533.9	1513.9	1479.9	1515.9	1639.9	1733.9	1787.9
20°	2067.9	2029.9	1933.9	1617.9	1487.9	1469.9	1453.9	1615.9	1709.9	1743.9	1773.9
22.5°	2029.9	1989.9	1865.9	1561.9	1439.9	1425.9	1435.9	1671.9	1709.9	1733.9	1759.9
25°	1979.9	1945.9	1785.9	1517.9	1401.9	1385.9	1423.9	1665.9	1687.9	1693.9	1745.9
27.5°	1933.9	1889.9	1701.9	1477.9	1355.9	1349.9	1433.9	1639.9	1655.9	1661.9	1717.9
30°	1877.9	1811.9	1607.9	1435.9	1307.9	1305.9	1435.9	1607.9	1603.9	1619.9	1675.9
32.5°	1819.9	1695.9	1501.9	1383.9	1261.9	1259.9	1421.9	1559.9	1555.9	1577.9	1619.9
35°	1765.9	1605.9	1357.9	1323.9	1203.9	1205.9	1387.9	1503.9	1505.9	1525.9	1551.9
37.5°	1709.9	1527.9	1199.9	1257.9	1148.0	1148.0	1341.9	1451.9	1447.9	1453.9	1489.9
40°	1643.9	1405.9	1060.0	1172.0	1096.0	1090.0	1285.9	1395.9	1381.9	1379.9	1429.9
42.5°	1573.9	1271.9	956.0	1058.0	1036.0	1028.0	1217.9	1327.9	1301.9	1307.9	1371.9
45°	1497.9	1235.9	876.0	894.0	974.0	968.0	1144.0	1249.9	1231.9	1247.9	1313.9
47.5°	1421.9	1164.0	850.0	742.0	908.0	906.0	1062.0	1174.0	1164.0	1180.0	1249.9
50°	1317.9	1084.0	848.0	636.0	834.0	842.0	964.0	1100.0	1100.0	1114.0	1188.0
52.5°	1184.0	986.0	770.0	576.0	748.0	772.0	878.0	1036.0	1040.0	1054.0	1120.0
55°	1062.0	884.0	714.0	530.0	646.0	698.0	794.0	970.0	978.0	992.0	1052.0
57.5°	950.0	736.0	702.0	476.0	552.0	602.0	720.0	906.0	910.0	922.0	980.0
60°	830.0	532.0	644.0	418.0	470.0	508.0	652.0	830.0	844.0	852.0	902.0
62.5°	694.0	386.0	584.0	378.0	430.0	438.0	596.0	758.0	776.0	782.0	812.0
65°	494.0	324.0	496.0	344.0	388.0	390.0	536.0	684.0	700.0	710.0	732.0
67.5°	334.0	264.0	378.0	312.0	356.0	358.0	478.0	598.0	620.0	628.0	642.0
70°	232.0	176.0	280.0	278.0	320.0	324.0	416.0	520.0	540.0	546.0	554.0
72.5°	170.0	142.0	232.0	250.0	282.0	286.0	352.0	432.0	452.0	458.0	462.0
75°	130.0	150.0	188.0	218.0	240.0	242.0	288.0	352.0	366.0	370.0	372.0
77.5°	104.0	140.0	138.0	176.0	196.0	192.0	226.0	272.0	284.0	284.0	284.0
80°	78.0	110.0	104.0	126.0	144.0	140.0	162.0	194.0	198.0	202.0	200.0
82.5°	58.0	70.0	70.0	80.0	96.0	92.0	108.0	126.0	126.0	126.0	130.0
85°	36.0	40.0	32.0	42.0	54.0	52.0	60.0	68.0	70.0	70.0	66.0
87.5°	22.0	18.0	10.0	16.0	24.0	24.0	28.0	30.0	28.0	28.0	28.0
90°	16.2	11.2	6.2	11.2	16.2	17.4	27.3	40.5	47.1	41.9	31.4
92.5°	109.2	67.0	24.8	67.0	109.2	119.7	168.3	233.0	265.4	232.6	167.0
95°	213.8	136.7	59.5	136.7	213.8	233.1	413.9	655.0	775.6	692.1	525.1
97.5°	239.1	171.0	102.9	171.0	239.1	256.1	557.6	959.6	1160.6	1107.8	1002.3
100°	259.9	198.1	136.4	198.1	259.9	275.3	609.9	1056.0	1279.0	1282.9	1290.6
102.5°	280.1	222.5	164.9	222.5	280.1	294.5	633.8	1086.3	1312.5	1379.7	1514.2
105°	310.8	262.1	213.3	262.1	310.8	323.0	651.6	1089.7	1308.8	1459.5	1760.9
107.5°	353.8	308.4	262.9	308.4	353.8	365.2	654.9	1041.2	1234.4	1444.6	1865.1
110°	378.4	337.4	296.4	337.4	378.4	388.7	649.9	998.2	1172.4	1407.4	1877.5



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	407.4	368.3	329.2	368.3	407.4	417.2	650.1	960.7	1116.0	1356.6	1837.7
115°	451.0	414.9	378.8	414.9	451.0	460.0	656.1	917.6	1048.4	1280.1	1743.6
117.5°	493.4	460.6	427.8	460.6	493.4	501.6	668.4	890.7	1001.9	1211.0	1629.3
120°	518.0	487.1	456.3	487.1	518.0	525.7	678.2	881.6	983.3	1174.4	1556.6
122.5°	546.5	515.4	484.2	515.4	546.5	554.3	692.5	876.8	969.0	1141.1	1485.3
125°	583.7	555.4	527.0	555.4	583.7	590.8	711.7	872.9	953.5	1099.7	1392.0
127.5°	619.0	590.4	561.7	590.4	619.0	626.2	731.0	870.7	940.5	1066.0	1317.0
130°	642.0	611.1	580.3	611.1	642.0	649.7	745.0	872.1	935.6	1047.3	1270.8
132.5°	661.3	630.4	599.5	630.4	661.3	669.0	756.4	872.9	931.2	1031.2	1231.3
135°	684.3	656.1	628.0	656.1	684.3	691.3	768.8	872.1	923.8	1007.6	1175.1
137.5°	712.8	685.0	657.2	685.0	712.8	719.8	787.4	877.5	922.5	993.3	1135.0
140°	732.6	707.0	681.4	707.0	732.6	739.0	798.7	878.4	918.2	979.4	1101.7
142.5°	747.4	723.7	700.0	723.7	747.4	753.3	808.3	881.6	918.2	971.9	1079.4
145°	769.8	749.2	728.5	749.2	769.8	775.0	820.7	881.6	912.0	956.0	1043.9
147.5°	797.3	777.1	757.0	777.1	797.3	802.3	838.9	887.6	912.0	946.6	1015.7
150°	812.0	793.8	775.6	793.8	812.0	816.5	848.3	890.8	912.0	941.2	999.6
152.5°	822.4	808.6	794.8	808.6	822.4	825.8	854.5	892.8	912.0	936.9	986.8
155°	843.7	833.5	823.3	833.5	843.7	846.3	868.2	897.4	912.0	931.8	971.5
157.5°	864.2	854.3	844.4	854.3	864.2	866.7	881.8	901.9	912.0	927.4	958.3
160°	874.1	866.4	858.7	866.4	874.1	876.0	888.0	904.0	912.0	925.2	951.7
162.5°	884.5	878.7	872.9	878.7	884.5	886.0	894.7	906.2	912.0	923.2	945.5
165°	898.9	893.6	888.4	893.6	898.9	900.2	904.1	909.4	912.0	920.0	936.0
167.5°	907.7	905.2	902.7	905.2	907.7	908.3	911.6	916.0	918.2	923.4	933.9
170°	917.0	914.5	912.0	914.5	917.0	917.6	917.8	918.1	918.2	923.4	933.9
172.5°	918.1	917.5	917.0	917.5	918.1	918.2	918.2	918.2	918.2	922.3	930.6
175°	923.8	923.8	923.8	923.8	923.8	923.8	921.9	919.4	918.2	920.8	926.1
177.5°	923.8	923.8	923.8	923.8	923.8	923.8	922.3	920.4	919.4	921.5	925.6
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934716
 CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2039.9	2033.9	2041.9	2019.9	2041.9	2033.9	2039.9	2053.9	2041.9	2049.9	2057.9
5°	1789.9	1779.9	1747.9	1721.9	1747.9	1779.9	1789.9	1831.9	1851.9	1887.9	1935.9
7.5°	1599.9	1591.9	1583.9	1567.9	1583.9	1591.9	1599.9	1611.9	1631.9	1663.9	1699.9
10°	1557.9	1559.9	1571.9	1569.9	1571.9	1559.9	1557.9	1553.9	1547.9	1553.9	1575.9
12.5°	1665.9	1683.9	1749.9	1745.9	1749.9	1683.9	1665.9	1585.9	1531.9	1521.9	1525.9
15°	1789.9	1795.9	1809.9	1811.9	1809.9	1795.9	1789.9	1757.9	1595.9	1525.9	1503.9
17.5°	1801.9	1803.9	1813.9	1813.9	1813.9	1803.9	1801.9	1787.9	1733.9	1639.9	1515.9
20°	1791.9	1795.9	1815.9	1819.9	1815.9	1795.9	1791.9	1773.9	1743.9	1709.9	1615.9
22.5°	1787.9	1795.9	1811.9	1809.9	1811.9	1795.9	1787.9	1759.9	1733.9	1709.9	1671.9
25°	1767.9	1767.9	1769.9	1771.9	1769.9	1767.9	1767.9	1745.9	1693.9	1687.9	1665.9
27.5°	1725.9	1729.9	1741.9	1739.9	1741.9	1729.9	1725.9	1717.9	1661.9	1655.9	1639.9
30°	1687.9	1683.9	1673.9	1665.9	1673.9	1683.9	1687.9	1675.9	1619.9	1603.9	1607.9
32.5°	1623.9	1613.9	1603.9	1597.9	1603.9	1613.9	1623.9	1619.9	1577.9	1555.9	1559.9
35°	1547.9	1549.9	1547.9	1541.9	1547.9	1549.9	1547.9	1551.9	1525.9	1505.9	1503.9
37.5°	1493.9	1497.9	1495.9	1487.9	1495.9	1497.9	1493.9	1489.9	1453.9	1447.9	1451.9
40°	1437.9	1439.9	1437.9	1431.9	1437.9	1439.9	1437.9	1429.9	1379.9	1381.9	1395.9
42.5°	1383.9	1381.9	1375.9	1371.9	1375.9	1381.9	1383.9	1371.9	1307.9	1301.9	1327.9
45°	1321.9	1323.9	1311.9	1305.9	1311.9	1323.9	1321.9	1313.9	1247.9	1231.9	1249.9
47.5°	1259.9	1259.9	1249.9	1243.9	1249.9	1259.9	1259.9	1249.9	1180.0	1164.0	1174.0
50°	1193.9	1192.0	1178.0	1176.0	1178.0	1192.0	1193.9	1188.0	1114.0	1100.0	1100.0
52.5°	1118.0	1118.0	1120.0	1124.0	1120.0	1118.0	1118.0	1120.0	1054.0	1040.0	1036.0
55°	1052.0	1054.0	1068.0	1072.0	1068.0	1054.0	1052.0	1052.0	992.0	978.0	970.0
57.5°	984.0	984.0	994.0	994.0	994.0	984.0	984.0	980.0	922.0	910.0	906.0
60°	906.0	910.0	918.0	916.0	918.0	910.0	906.0	902.0	852.0	844.0	830.0
62.5°	824.0	828.0	830.0	826.0	830.0	828.0	824.0	812.0	782.0	776.0	758.0
65°	738.0	742.0	744.0	740.0	744.0	742.0	738.0	732.0	710.0	700.0	684.0
67.5°	650.0	648.0	646.0	654.0	646.0	648.0	650.0	642.0	628.0	620.0	598.0
70°	560.0	560.0	558.0	562.0	558.0	560.0	560.0	554.0	546.0	540.0	520.0
72.5°	464.0	462.0	470.0	464.0	470.0	462.0	464.0	462.0	458.0	452.0	432.0
75°	370.0	374.0	370.0	376.0	370.0	374.0	370.0	372.0	370.0	366.0	352.0
77.5°	282.0	286.0	282.0	282.0	282.0	286.0	282.0	284.0	284.0	284.0	272.0
80°	200.0	198.0	198.0	196.0	198.0	198.0	200.0	200.0	202.0	198.0	194.0
82.5°	128.0	126.0	126.0	130.0	126.0	126.0	128.0	130.0	126.0	126.0	126.0
85°	70.0	72.0	68.0	68.0	68.0	72.0	70.0	66.0	70.0	70.0	68.0
87.5°	26.0	24.0	24.0	24.0	24.0	24.0	26.0	28.0	28.0	28.0	30.0
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.4	41.9	47.1	40.5
92.5°	117.8	113.1	94.4	75.6	94.4	113.1	117.8	167.0	232.6	265.4	233.0
95°	399.9	385.7	329.0	272.2	329.0	385.7	399.9	525.1	692.1	775.6	655.0
97.5°	923.2	896.2	788.1	680.1	788.1	896.2	923.2	1002.3	1107.8	1160.6	959.6
100°	1296.4	1264.2	1135.6	1006.9	1135.6	1264.2	1296.4	1290.6	1282.9	1279.0	1056.0
102.5°	1615.1	1587.5	1477.3	1367.1	1477.3	1587.5	1615.1	1514.2	1379.7	1312.5	1086.3
105°	1987.0	1972.2	1912.9	1853.7	1912.9	1972.2	1987.0	1760.9	1459.5	1308.8	1089.7
107.5°	2180.5	2184.1	2198.4	2212.7	2198.4	2184.1	2180.5	1865.1	1444.6	1234.4	1041.2
110°	2230.1	2245.5	2307.3	2369.0	2307.3	2245.5	2230.1	1877.5	1407.4	1172.4	998.2



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2198.5	2222.2	2316.9	2411.7	2316.9	2222.2	2198.5	1837.7	1356.6	1116.0	960.7
115°	2091.2	2124.1	2255.5	2386.9	2255.5	2124.1	2091.2	1743.6	1280.1	1048.4	917.6
117.5°	1943.0	1979.4	2125.2	2271.0	2125.2	1979.4	1943.0	1629.3	1211.0	1001.9	890.7
120°	1843.2	1878.6	2020.3	2161.9	2020.3	1878.6	1843.2	1556.6	1174.4	983.3	881.6
122.5°	1743.4	1778.3	1918.0	2057.7	1918.0	1778.3	1743.4	1485.3	1141.1	969.0	876.8
125°	1611.3	1643.5	1772.2	1900.9	1772.2	1643.5	1611.3	1392.0	1099.7	953.5	872.9
127.5°	1505.3	1532.4	1641.0	1749.6	1641.0	1532.4	1505.3	1317.0	1066.0	940.5	870.7
130°	1438.4	1463.5	1563.7	1664.0	1563.7	1463.5	1438.4	1270.8	1047.3	935.6	872.1
132.5°	1381.3	1403.8	1493.6	1583.4	1493.6	1403.8	1381.3	1231.3	1031.2	931.2	872.9
135°	1300.7	1320.1	1397.5	1474.9	1397.5	1320.1	1300.7	1175.1	1007.6	923.8	872.1
137.5°	1241.2	1257.0	1320.4	1383.8	1320.4	1257.0	1241.2	1135.0	993.3	922.5	877.5
140°	1193.5	1208.3	1267.6	1326.8	1267.6	1208.3	1193.5	1101.7	979.4	918.2	878.4
142.5°	1160.0	1172.7	1223.7	1274.7	1223.7	1172.7	1160.0	1079.4	971.9	918.2	881.6
145°	1109.8	1119.4	1158.0	1196.6	1158.0	1119.4	1109.8	1043.9	956.0	912.0	881.6
147.5°	1067.6	1075.6	1107.5	1139.5	1107.5	1075.6	1067.6	1015.7	946.6	912.0	887.6
150°	1043.4	1049.9	1075.8	1101.7	1075.8	1049.9	1043.4	999.6	941.2	912.0	890.8
152.5°	1024.2	1029.1	1048.6	1068.2	1048.6	1029.1	1024.2	986.8	936.9	912.0	892.8
155°	1001.3	1004.5	1017.5	1030.4	1017.5	1004.5	1001.3	971.5	931.8	912.0	897.4
157.5°	981.4	983.7	992.8	1001.9	992.8	983.7	981.4	958.3	927.4	912.0	901.9
160°	971.5	972.8	978.1	983.3	978.1	972.8	971.5	951.7	925.2	912.0	904.0
162.5°	962.2	963.4	968.4	973.4	968.4	963.4	962.2	945.5	923.2	912.0	906.2
165°	948.0	949.3	954.5	959.7	954.5	949.3	948.0	936.0	920.0	912.0	909.4
167.5°	941.8	942.3	944.5	946.7	944.5	942.3	941.8	933.9	923.4	918.2	916.0
170°	941.8	941.8	941.8	941.8	941.8	941.8	941.8	933.9	923.4	918.2	918.1
172.5°	936.8	936.3	934.4	932.5	934.4	936.3	936.8	930.6	922.3	918.2	918.2
175°	930.0	930.0	930.0	930.0	930.0	930.0	930.0	926.1	920.8	918.2	919.4
177.5°	928.7	928.2	926.0	923.8	926.0	928.2	928.7	925.6	921.5	919.4	920.4
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2113.9	2113.9	2113.9	2113.9	2113.9
2.5°	2087.9	2097.9	2103.9	2111.9	2131.9
5°	2007.9	2045.9	2057.9	2087.9	2123.9
7.5°	1831.9	1947.9	1979.9	2051.9	2107.9
10°	1661.9	1777.9	1833.9	2003.9	2087.9
12.5°	1575.9	1643.9	1681.9	1919.9	2059.9
15°	1521.9	1569.9	1597.9	1807.9	2027.9
17.5°	1479.9	1513.9	1533.9	1697.9	1983.9
20°	1453.9	1469.9	1487.9	1617.9	1933.9
22.5°	1435.9	1425.9	1439.9	1561.9	1865.9
25°	1423.9	1385.9	1401.9	1517.9	1785.9
27.5°	1433.9	1349.9	1355.9	1477.9	1701.9
30°	1435.9	1305.9	1307.9	1435.9	1607.9
32.5°	1421.9	1259.9	1261.9	1383.9	1501.9
35°	1387.9	1205.9	1203.9	1323.9	1357.9
37.5°	1341.9	1148.0	1148.0	1257.9	1199.9
40°	1285.9	1090.0	1096.0	1172.0	1060.0
42.5°	1217.9	1028.0	1036.0	1058.0	956.0
45°	1144.0	968.0	974.0	894.0	876.0
47.5°	1062.0	906.0	908.0	742.0	850.0
50°	964.0	842.0	834.0	636.0	848.0
52.5°	878.0	772.0	748.0	576.0	770.0
55°	794.0	698.0	646.0	530.0	714.0
57.5°	720.0	602.0	552.0	476.0	702.0
60°	652.0	508.0	470.0	418.0	644.0
62.5°	596.0	438.0	430.0	378.0	584.0
65°	536.0	390.0	388.0	344.0	496.0
67.5°	478.0	358.0	356.0	312.0	378.0
70°	416.0	324.0	320.0	278.0	280.0
72.5°	352.0	286.0	282.0	250.0	232.0
75°	288.0	242.0	240.0	218.0	188.0
77.5°	226.0	192.0	196.0	176.0	138.0
80°	162.0	140.0	144.0	126.0	104.0
82.5°	108.0	92.0	96.0	80.0	70.0
85°	60.0	52.0	54.0	42.0	32.0
87.5°	28.0	24.0	24.0	16.0	10.0
90°	27.3	17.4	16.2	11.2	6.2
92.5°	168.3	119.7	109.2	67.0	24.8
95°	413.9	233.1	213.8	136.7	59.5
97.5°	557.6	256.1	239.1	171.0	102.9
100°	609.9	275.3	259.9	198.1	136.4
102.5°	633.8	294.5	280.1	222.5	164.9
105°	651.6	323.0	310.8	262.1	213.3
107.5°	654.9	365.2	353.8	308.4	262.9
110°	649.9	388.7	378.4	337.4	296.4



TEST NUMBER: P934716

CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	650.1	417.2	407.4	368.3	329.2
115°	656.1	460.0	451.0	414.9	378.8
117.5°	668.4	501.6	493.4	460.6	427.8
120°	678.2	525.7	518.0	487.1	456.3
122.5°	692.5	554.3	546.5	515.4	484.2
125°	711.7	590.8	583.7	555.4	527.0
127.5°	731.0	626.2	619.0	590.4	561.7
130°	745.0	649.7	642.0	611.1	580.3
132.5°	756.4	669.0	661.3	630.4	599.5
135°	768.8	691.3	684.3	656.1	628.0
137.5°	787.4	719.8	712.8	685.0	657.2
140°	798.7	739.0	732.6	707.0	681.4
142.5°	808.3	753.3	747.4	723.7	700.0
145°	820.7	775.0	769.8	749.2	728.5
147.5°	838.9	802.3	797.3	777.1	757.0
150°	848.3	816.5	812.0	793.8	775.6
152.5°	854.5	825.8	822.4	808.6	794.8
155°	868.2	846.3	843.7	833.5	823.3
157.5°	881.8	866.7	864.2	854.3	844.4
160°	888.0	876.0	874.1	866.4	858.7
162.5°	894.7	886.0	884.5	878.7	872.9
165°	904.1	900.2	898.9	893.6	888.4
167.5°	911.6	908.3	907.7	905.2	902.7
170°	917.8	917.6	917.0	914.5	912.0
172.5°	918.2	918.2	918.1	917.5	917.0
175°	921.9	923.8	923.8	923.8	923.8
177.5°	922.3	923.8	923.8	923.8	923.8
180°	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934716
 CATALOG NUMBER: SQ4-FA-075U-075D-835-1D-UNV-STD-W-8

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	12.53	13.38	13.51	14.36	15.67	15.37	16.21	16.35	17.20	18.50
	3H	13.01	13.76	14.00	14.76	16.09	16.72	17.47	17.70	18.47	19.79
	4H	13.20	13.91	14.20	14.92	16.25	17.16	17.88	18.16	18.88	20.21
	6H	13.32	13.97	14.33	14.98	16.33	17.45	18.11	18.46	19.11	20.46
	8H	13.32	13.94	14.33	14.97	16.31	17.52	18.15	18.54	19.17	20.51
	12H	13.29	13.88	14.31	14.90	16.27	17.56	18.16	18.58	19.17	20.54
4H	2H	13.57	14.28	14.57	15.28	16.61	15.78	16.49	16.78	17.49	18.83
	3H	14.59	15.19	15.61	16.22	17.56	17.28	17.88	18.30	18.91	20.26
	4H	14.87	15.41	15.89	16.43	17.80	17.81	18.36	18.84	19.38	20.75
	6H	14.99	15.46	16.02	16.50	17.87	18.18	18.65	19.21	19.69	21.06
	8H	15.00	15.43	16.03	16.47	17.85	18.29	18.72	19.32	19.76	21.14
	12H	14.96	15.36	16.01	16.41	17.80	18.34	18.74	19.40	19.79	21.18
8H	4H	15.32	15.76	16.35	16.80	18.18	17.94	18.37	18.97	19.41	20.79
	6H	15.58	15.94	16.64	17.02	18.40	18.37	18.73	19.43	19.82	21.19
	8H	15.62	15.94	16.69	17.01	18.40	18.53	18.84	19.59	19.91	21.31
	12H	15.61	15.89	16.68	16.95	18.38	18.63	18.90	19.70	19.97	21.40
12H	4H	15.32	15.72	16.38	16.77	18.16	17.90	18.29	18.95	19.35	20.73
	6H	15.64	15.96	16.71	17.02	18.42	18.37	18.69	19.44	19.75	21.15
	8H	15.71	15.99	16.78	17.05	18.49	18.53	18.81	19.60	19.87	21.31