

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: P934376

Luminaire Tested: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934376
REPORT IS A COMBINATION OF REPORTS P933696 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

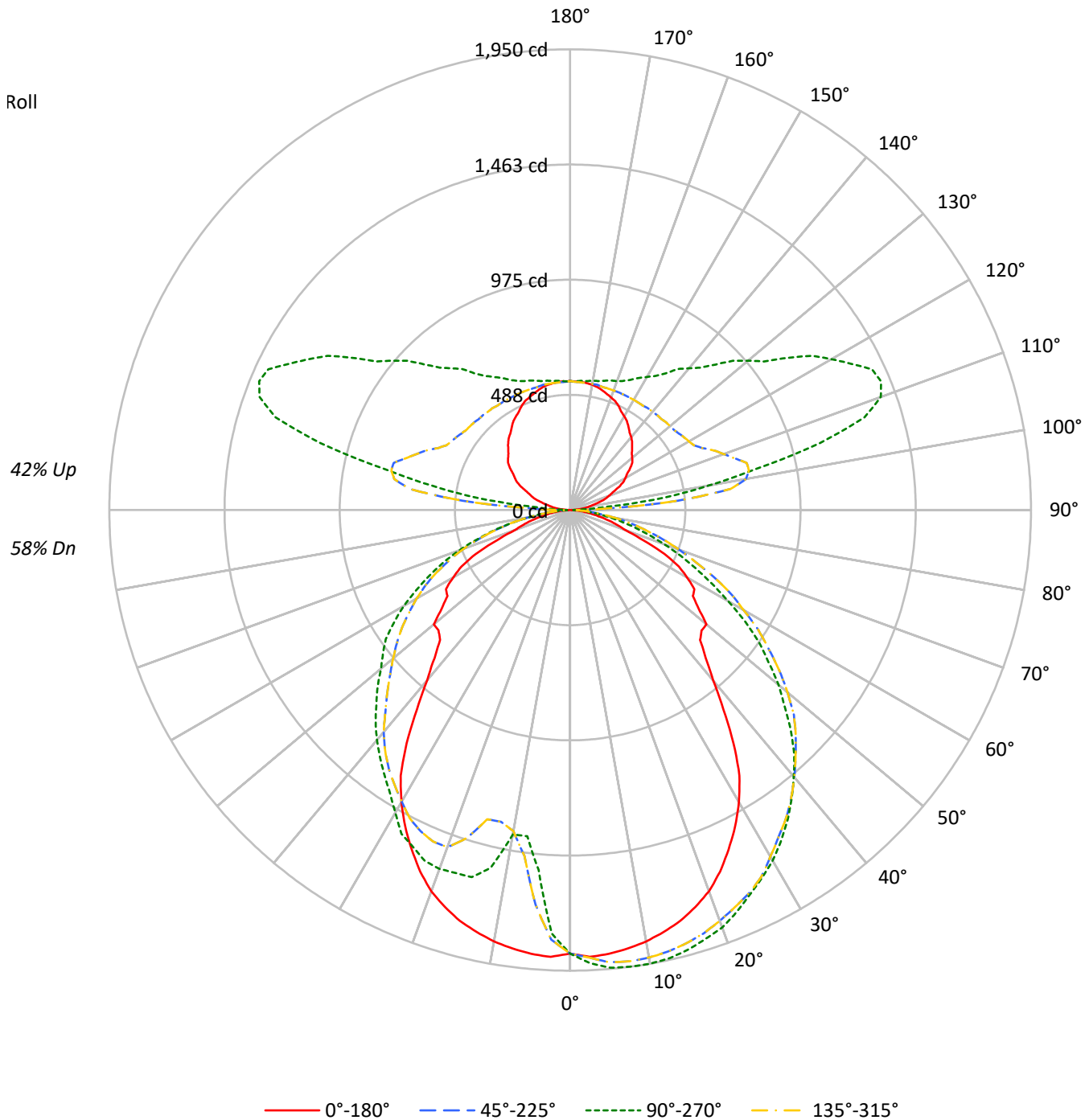
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8405.0 lumens
Efficiency: N/A
Efficacy: 115.5 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): 72.8
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: P934376
CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-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	0
RCR																					
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63	58	58	58	58
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49	49	49	49
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41	41	41	41
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35	35	35	35
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30	30	30	30
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26	26	26	26
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23	23	23	23
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20	20	20	20
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18	18	18	18
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16	16	16	16
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8709	8709	8709	8709
5°	8774	8791	8774	6913
10°	8716	8660	8716	6191
15°	8621	8473	8621	7075
20°	8441	8250	8441	7090
25°	8072	7926	8072	6939
30°	7594	7657	7594	6609
35°	6770	7316	6770	6247
40°	5642	6916	5642	5973
45°	5041	6447	5041	5658
50°	5355	5887	5355	5342
55°	5038	5284	5038	5159
60°	5194	4488	5194	4725
65°	4709	3710	4709	4147
70°	3260	2957	3260	3477
75°	2859	2185	2859	2617
80°	2305	1445	2305	1573
85°	1323	765	1323	651

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7725 cd/sqm



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.4	2.0
10°-20°	481.1	5.7
20°-30°	743.7	8.8
30°-40°	887.8	10.6
40°-50°	893.0	10.6
50°-60°	777.1	9.2
60°-70°	551.0	6.6
70°-80°	291.5	3.5
80°-90°	74.7	0.9
90°-100°	265.9	3.2
100°-110°	699.0	8.3
110°-120°	724.8	8.6
120°-130°	581.3	6.9
130°-140°	456.2	5.4
140°-150°	350.1	4.2
150°-160°	252.1	3.0
160°-170°	154.3	1.8
170°-180°	52.1	0.6
0°-30°	1394.2	16.6
0°-40°	2282.0	27.2
0°-60°	3952.1	47.0
0°-90°	4869.2	57.9
90°-120°	1689.6	20.1
90°-150°	3077.2	36.6
90°-180°	3536.0	42.1
0°-180°	8405.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1877	1877	1877	1877	1877	
5°	1886	1945	1886	1529	1886	179
15°	1801	1927	1801	1609	1801	507
25°	1586	1797	1586	1573	1586	728
35°	1206	1604	1206	1369	1206	746
45°	778	1321	778	1160	778	623
55°	634	975	634	952	634	583
65°	440	588	440	657	440	421
75°	167	279	167	334	167	175
85°	28	71	28	60	28	38
90°	4	14	4	14	4	4
95°	35	161	35	161	35	39
105°	126	1094	126	1094	126	133
115°	224	1409	224	1409	224	221
125°	311	1122	311	1122	311	276
135°	371	871	371	871	371	287
145°	430	706	430	706	430	269
155°	486	608	486	608	486	223
165°	524	567	524	567	524	148
175°	545	549	545	549	545	52
180°	545	545	545	545	545	



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1893.1	1893.1	1903.8	1907.3	1907.3	1902.0	1896.7	1902.0	1918.0	1923.3	1921.5
5°	1886.0	1900.2	1919.8	1923.3	1926.9	1925.1	1921.5	1925.1	1942.9	1946.4	1948.2
7.5°	1871.8	1898.5	1923.3	1928.6	1934.0	1928.6	1926.9	1930.4	1948.2	1951.7	1951.7
10°	1854.1	1891.4	1919.8	1923.3	1928.6	1923.3	1923.3	1930.4	1948.2	1951.7	1953.5
12.5°	1829.2	1880.7	1907.3	1910.9	1918.0	1916.2	1914.4	1921.5	1939.3	1942.9	1942.9
15°	1800.8	1861.2	1886.0	1889.6	1902.0	1898.5	1898.5	1905.6	1925.1	1930.4	1928.6
17.5°	1761.7	1836.3	1864.7	1870.0	1878.9	1877.1	1878.9	1886.0	1903.8	1907.3	1909.1
20°	1717.3	1802.6	1836.3	1841.6	1850.5	1850.5	1850.5	1859.4	1877.1	1884.2	1884.2
22.5°	1656.9	1767.0	1802.6	1806.1	1816.8	1816.8	1820.3	1832.7	1848.7	1850.5	1850.5
25°	1585.9	1728.0	1758.2	1768.8	1779.5	1784.8	1790.1	1797.2	1802.6	1800.8	1802.6
27.5°	1511.3	1678.2	1717.3	1724.4	1738.6	1743.9	1751.0	1752.8	1754.6	1759.9	1756.4
30°	1427.8	1609.0	1667.6	1674.7	1697.8	1701.3	1694.2	1697.8	1706.6	1710.2	1713.8
32.5°	1333.7	1506.0	1616.1	1632.1	1653.4	1642.7	1640.9	1646.3	1660.5	1660.5	1664.0
35°	1205.8	1426.0	1568.1	1582.3	1598.3	1585.9	1593.0	1594.8	1603.6	1609.0	1607.2
37.5°	1065.5	1356.8	1518.4	1529.0	1541.5	1525.5	1536.2	1541.5	1548.6	1545.0	1545.0
40°	941.3	1248.4	1459.8	1466.9	1477.5	1465.1	1475.8	1479.3	1482.9	1479.3	1477.5
42.5°	848.9	1129.4	1397.6	1406.5	1399.4	1408.3	1411.8	1418.9	1413.6	1406.5	1406.5
45°	777.9	1097.5	1330.1	1340.8	1330.1	1344.3	1349.7	1349.7	1333.7	1330.1	1328.4
47.5°	754.8	1033.6	1262.6	1262.6	1257.3	1275.1	1284.0	1271.5	1255.5	1250.2	1250.2
50°	753.0	962.6	1170.3	1163.2	1188.1	1209.4	1200.5	1188.1	1175.6	1156.1	1156.1
52.5°	683.8	875.6	1051.4	1077.9	1117.0	1129.4	1115.2	1102.8	1081.5	1072.6	1065.5
55°	634.0	785.0	943.1	996.3	1037.2	1053.2	1026.5	1014.1	982.1	976.8	973.2
57.5°	623.4	653.6	843.6	911.1	960.8	959.0	943.1	920.0	893.3	888.0	886.2
60°	571.9	472.4	737.0	817.0	868.5	863.1	848.9	827.6	802.8	799.2	795.6
62.5°	518.6	342.8	616.3	706.8	779.7	777.9	765.5	733.5	715.7	706.8	699.7
65°	440.4	287.7	438.7	587.9	692.6	696.2	669.6	646.5	626.9	616.3	614.5
67.5°	335.7	234.4	296.6	490.2	609.2	605.6	571.9	561.2	536.4	531.0	520.4
70°	248.6	156.3	206.0	397.8	527.5	518.6	492.0	479.5	456.4	444.0	436.9
72.5°	206.0	126.1	151.0	309.0	444.0	433.3	410.3	396.0	376.5	365.9	358.8
75°	166.9	133.2	115.4	229.1	360.5	353.4	332.1	317.9	301.9	287.7	289.5
77.5°	122.5	124.3	92.4	168.7	285.9	275.3	262.8	245.1	238.0	223.8	223.8
80°	92.4	97.7	69.3	115.4	206.0	206.0	195.4	182.9	170.5	163.4	163.4
82.5°	62.2	62.2	51.5	72.8	140.3	135.0	127.9	124.3	117.2	113.7	113.7
85°	28.4	35.5	32.0	44.4	76.4	79.9	79.9	76.4	74.6	71.0	72.8
87.5°	8.9	16.0	19.5	24.9	39.1	40.8	42.6	42.6	42.6	44.4	44.4
90°	3.6	6.6	9.5	10.2	16.1	23.9	27.8	24.7	18.6	13.9	13.9
92.5°	14.7	39.5	64.5	70.7	99.4	137.6	156.6	137.3	98.6	69.5	66.8
95°	35.2	80.7	126.3	137.6	244.4	386.7	457.9	408.7	310.1	236.1	227.8
97.5°	60.7	100.9	141.1	151.1	329.2	566.5	685.3	654.1	591.8	545.1	529.1
100°	80.5	116.9	153.4	162.5	360.1	623.5	755.2	757.5	762.0	765.4	746.4
102.5°	97.4	131.4	165.3	173.9	374.2	641.4	775.0	814.7	894.0	953.5	937.3
105°	125.9	154.7	183.5	190.7	384.8	643.4	772.7	861.7	1039.8	1173.2	1164.4
107.5°	155.2	182.0	208.9	215.6	386.6	614.8	728.8	852.9	1101.2	1287.4	1289.6
110°	174.9	199.2	223.5	229.5	383.8	589.4	692.2	831.0	1108.5	1316.6	1325.8



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	194.4	217.5	240.6	246.3	383.9	567.3	658.9	800.9	1085.0	1298.0	1312.0
115°	223.7	245.0	266.3	271.6	387.4	541.9	619.0	755.9	1029.5	1234.7	1254.0
117.5°	252.5	271.9	291.3	296.1	394.6	525.9	591.5	715.0	962.0	1147.2	1168.7
120°	269.4	287.6	305.9	310.4	400.5	520.5	580.6	693.4	919.0	1088.2	1109.1
122.5°	285.8	304.2	322.6	327.2	408.8	517.7	572.1	673.7	877.0	1029.4	1050.0
125°	311.2	327.8	344.6	348.8	420.2	515.4	563.0	649.3	821.9	951.4	970.4
127.5°	331.7	348.5	365.4	369.7	431.6	514.1	555.3	629.4	777.6	888.8	904.8
130°	342.6	360.8	379.1	383.6	439.8	514.9	552.3	618.3	750.3	849.2	864.0
132.5°	354.0	372.2	390.5	395.0	446.6	515.4	549.8	608.9	727.0	815.5	828.8
135°	370.8	387.4	404.0	408.1	453.9	514.9	545.4	594.9	693.8	767.9	779.4
137.5°	388.1	404.5	420.9	425.0	464.9	518.1	544.7	586.5	670.2	732.9	742.2
140°	402.3	417.4	432.5	436.4	471.6	518.6	542.1	578.3	650.5	704.6	713.3
142.5°	413.3	427.2	441.2	444.7	477.2	520.5	542.1	573.8	637.3	684.9	692.5
145°	430.1	442.3	454.6	457.6	484.6	520.5	538.5	564.4	616.4	655.3	660.9
147.5°	446.9	458.8	470.7	473.7	495.2	524.1	538.5	558.9	599.7	630.3	635.0
150°	457.9	468.7	479.4	482.1	500.9	526.0	538.5	555.7	590.3	616.1	619.9
152.5°	469.3	477.5	485.6	487.6	504.6	527.2	538.5	553.2	582.6	604.7	607.7
155°	486.1	492.1	498.2	499.7	512.6	529.9	538.5	550.2	573.6	591.1	593.1
157.5°	498.5	504.4	510.2	511.8	520.6	532.5	538.5	547.5	565.7	579.4	580.8
160°	507.0	511.6	516.1	517.3	524.4	533.8	538.5	546.3	561.8	573.6	574.4
162.5°	515.4	518.9	522.2	523.1	528.3	535.1	538.5	545.1	558.3	568.1	568.9
165°	524.5	527.6	530.7	531.5	533.8	536.9	538.5	543.2	552.6	559.7	560.5
167.5°	533.0	534.4	535.9	536.3	538.2	540.8	542.1	545.2	551.4	556.1	556.4
170°	538.5	539.9	541.4	541.8	541.9	542.0	542.1	545.2	551.4	556.1	556.1
172.5°	541.4	541.8	542.0	542.1	542.1	542.1	542.1	544.6	549.5	553.1	552.9
175°	545.4	545.4	545.4	545.4	544.3	542.8	542.1	543.6	546.7	549.1	549.1
177.5°	545.4	545.4	545.4	545.4	544.5	543.4	542.8	544.1	546.5	548.3	548.0
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1925.1	1919.8	1925.1	1921.5	1923.3	1918.0	1902.0	1896.7	1902.0	1907.3	1907.3
5°	1948.2	1944.6	1948.2	1948.2	1946.4	1942.9	1925.1	1921.5	1925.1	1926.9	1923.3
7.5°	1955.3	1950.0	1955.3	1951.7	1951.7	1948.2	1930.4	1926.9	1928.6	1934.0	1928.6
10°	1955.3	1950.0	1955.3	1953.5	1951.7	1948.2	1930.4	1923.3	1923.3	1928.6	1923.3
12.5°	1946.4	1942.9	1946.4	1942.9	1942.9	1939.3	1921.5	1914.4	1916.2	1918.0	1910.9
15°	1932.2	1926.9	1932.2	1928.6	1930.4	1925.1	1905.6	1898.5	1898.5	1902.0	1889.6
17.5°	1910.9	1903.8	1910.9	1909.1	1907.3	1903.8	1886.0	1878.9	1877.1	1878.9	1870.0
20°	1886.0	1880.7	1886.0	1884.2	1884.2	1877.1	1859.4	1850.5	1850.5	1850.5	1841.6
22.5°	1847.0	1841.6	1847.0	1850.5	1850.5	1848.7	1832.7	1820.3	1816.8	1816.8	1806.1
25°	1802.6	1797.2	1802.6	1802.6	1800.8	1802.6	1797.2	1790.1	1784.8	1779.5	1768.8
27.5°	1759.9	1756.4	1759.9	1756.4	1759.9	1754.6	1752.8	1751.0	1743.9	1738.6	1724.4
30°	1717.3	1713.8	1717.3	1713.8	1710.2	1706.6	1697.8	1694.2	1701.3	1697.8	1674.7
32.5°	1664.0	1660.5	1664.0	1664.0	1660.5	1660.5	1646.3	1640.9	1642.7	1653.4	1632.1
35°	1609.0	1603.6	1609.0	1607.2	1609.0	1603.6	1594.8	1593.0	1585.9	1598.3	1582.3
37.5°	1545.0	1539.7	1545.0	1545.0	1545.0	1548.6	1541.5	1536.2	1525.5	1541.5	1529.0
40°	1479.3	1472.2	1479.3	1477.5	1479.3	1482.9	1479.3	1475.8	1465.1	1477.5	1466.9
42.5°	1404.7	1403.0	1404.7	1406.5	1406.5	1413.6	1418.9	1411.8	1408.3	1399.4	1406.5
45°	1324.8	1321.3	1324.8	1328.4	1330.1	1333.7	1349.7	1349.7	1344.3	1330.1	1340.8
47.5°	1239.6	1230.7	1239.6	1250.2	1250.2	1255.5	1271.5	1284.0	1275.1	1257.3	1262.6
50°	1149.0	1150.8	1149.0	1156.1	1156.1	1175.6	1188.1	1200.5	1209.4	1188.1	1163.2
52.5°	1060.2	1058.5	1060.2	1065.5	1072.6	1081.5	1102.8	1115.2	1129.4	1117.0	1077.9
55°	971.5	975.0	971.5	973.2	976.8	982.1	1014.1	1026.5	1053.2	1037.2	996.3
57.5°	882.7	877.3	882.7	886.2	888.0	893.3	920.0	943.1	959.0	960.8	911.1
60°	779.7	772.6	779.7	795.6	799.2	802.8	827.6	848.9	863.1	868.5	817.0
62.5°	689.1	676.7	689.1	699.7	706.8	715.7	733.5	765.5	777.9	779.7	706.8
65°	593.2	587.9	593.2	614.5	616.3	626.9	646.5	669.6	696.2	692.6	587.9
67.5°	506.2	506.2	506.2	520.4	531.0	536.4	561.2	571.9	605.6	609.2	490.2
70°	426.2	424.5	426.2	436.9	444.0	456.4	479.5	492.0	518.6	527.5	397.8
72.5°	349.9	348.1	349.9	358.8	365.9	376.5	396.0	410.3	433.3	444.0	309.0
75°	282.4	278.8	282.4	289.5	287.7	301.9	317.9	332.1	353.4	360.5	229.1
77.5°	216.7	216.7	216.7	223.8	223.8	238.0	245.1	262.8	275.3	285.9	168.7
80°	161.6	159.8	161.6	163.4	163.4	170.5	182.9	195.4	206.0	206.0	115.4
82.5°	113.7	110.1	113.7	113.7	113.7	117.2	124.3	127.9	135.0	140.3	72.8
85°	71.0	71.0	71.0	72.8	71.0	74.6	76.4	79.9	79.9	76.4	44.4
87.5°	46.2	44.4	46.2	44.4	44.4	42.6	42.6	42.6	40.8	39.1	24.9
90°	13.9	13.9	13.9	13.9	13.9	18.6	24.7	27.8	23.9	16.1	10.2
92.5°	55.7	44.7	55.7	66.8	69.5	98.6	137.3	156.6	137.6	99.4	70.7
95°	194.2	160.7	194.2	227.8	236.1	310.1	408.7	457.9	386.7	244.4	137.6
97.5°	465.3	401.6	465.3	529.1	545.1	591.8	654.1	685.3	566.5	329.2	151.1
100°	670.4	594.4	670.4	746.4	765.4	762.0	757.5	755.2	623.5	360.1	162.5
102.5°	872.2	807.1	872.2	937.3	953.5	894.0	814.7	775.0	641.4	374.2	173.9
105°	1129.4	1094.5	1129.4	1164.4	1173.2	1039.8	861.7	772.7	643.4	384.8	190.7
107.5°	1298.0	1306.4	1298.0	1289.6	1287.4	1101.2	852.9	728.8	614.8	386.6	215.6
110°	1362.2	1398.7	1362.2	1325.8	1316.6	1108.5	831.0	692.2	589.4	383.8	229.5



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1368.0	1423.9	1368.0	1312.0	1298.0	1085.0	800.9	658.9	567.3	383.9	246.3
115°	1331.6	1409.3	1331.6	1254.0	1234.7	1029.5	755.9	619.0	541.9	387.4	271.6
117.5°	1254.8	1340.9	1254.8	1168.7	1147.2	962.0	715.0	591.5	525.9	394.6	296.1
120°	1192.8	1276.4	1192.8	1109.1	1088.2	919.0	693.4	580.6	520.5	400.5	310.4
122.5°	1132.5	1215.0	1132.5	1050.0	1029.4	877.0	673.7	572.1	517.7	408.8	327.2
125°	1046.3	1122.3	1046.3	970.4	951.4	821.9	649.3	563.0	515.4	420.2	348.8
127.5°	968.9	1033.0	968.9	904.8	888.8	777.6	629.4	555.3	514.1	431.6	369.7
130°	923.3	982.5	923.3	864.0	849.2	750.3	618.3	552.3	514.9	439.8	383.6
132.5°	881.9	934.9	881.9	828.8	815.5	727.0	608.9	549.8	515.4	446.6	395.0
135°	825.1	870.9	825.1	779.4	767.9	693.8	594.9	545.4	514.9	453.9	408.1
137.5°	779.7	817.0	779.7	742.2	732.9	670.2	586.5	544.7	518.1	464.9	425.0
140°	748.3	783.3	748.3	713.3	704.6	650.5	578.3	542.1	518.6	471.6	436.4
142.5°	722.5	752.6	722.5	692.5	684.9	637.3	573.8	542.1	520.5	477.2	444.7
145°	683.8	706.5	683.8	660.9	655.3	616.4	564.4	538.5	520.5	484.6	457.6
147.5°	653.9	672.8	653.9	635.0	630.3	599.7	558.9	538.5	524.1	495.2	473.7
150°	635.2	650.5	635.2	619.9	616.1	590.3	555.7	538.5	526.0	500.9	482.1
152.5°	619.2	630.7	619.2	607.7	604.7	582.6	553.2	538.5	527.2	504.6	487.6
155°	600.7	608.4	600.7	593.1	591.1	573.6	550.2	538.5	529.9	512.6	499.7
157.5°	586.2	591.5	586.2	580.8	579.4	565.7	547.5	538.5	532.5	520.6	511.8
160°	577.5	580.6	577.5	574.4	573.6	561.8	546.3	538.5	533.8	524.4	517.3
162.5°	571.8	574.7	571.8	568.9	568.1	558.3	545.1	538.5	535.1	528.3	523.1
165°	563.5	566.6	563.5	560.5	559.7	552.6	543.2	538.5	536.9	533.8	531.5
167.5°	557.7	559.0	557.7	556.4	556.1	551.4	545.2	542.1	540.8	538.2	536.3
170°	556.1	556.1	556.1	556.1	556.1	551.4	545.2	542.1	542.0	541.9	541.8
172.5°	551.7	550.6	551.7	552.9	553.1	549.5	544.6	542.1	542.1	542.1	542.1
175°	549.1	549.1	549.1	549.1	549.1	546.7	543.6	542.1	542.8	544.3	545.4
177.5°	546.7	545.4	546.7	548.0	548.3	546.5	544.1	542.8	543.4	544.5	545.4
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1903.8	1893.1	1893.1	1875.4	1868.3	1862.9	1854.1	1827.4	1820.3	1813.2	1823.9
5°	1919.8	1900.2	1886.0	1854.1	1827.4	1816.8	1783.0	1719.1	1676.5	1644.5	1626.7
7.5°	1923.3	1898.5	1871.8	1822.1	1758.2	1729.7	1626.7	1509.5	1477.5	1449.1	1431.4
10°	1919.8	1891.4	1854.1	1779.5	1628.5	1578.8	1475.8	1399.4	1379.9	1374.5	1379.9
12.5°	1907.3	1880.7	1829.2	1704.9	1493.5	1459.8	1399.4	1355.0	1351.4	1360.3	1408.3
15°	1886.0	1861.2	1800.8	1605.4	1418.9	1394.1	1351.4	1335.5	1355.0	1417.2	1561.0
17.5°	1864.7	1836.3	1761.7	1507.7	1362.1	1344.3	1314.2	1346.1	1456.2	1539.7	1587.7
20°	1836.3	1802.6	1717.3	1436.7	1321.3	1305.3	1291.1	1434.9	1518.4	1548.6	1575.2
22.5°	1802.6	1767.0	1656.9	1387.0	1278.6	1266.2	1275.1	1484.6	1518.4	1539.7	1562.8
25°	1758.2	1728.0	1585.9	1347.9	1244.9	1230.7	1264.4	1479.3	1498.9	1504.2	1550.4
27.5°	1717.3	1678.2	1511.3	1312.4	1204.0	1198.7	1273.3	1456.2	1470.4	1475.8	1525.5
30°	1667.6	1609.0	1427.8	1275.1	1161.4	1159.6	1275.1	1427.8	1424.3	1438.5	1488.2
32.5°	1616.1	1506.0	1333.7	1228.9	1120.6	1118.8	1262.6	1385.2	1381.6	1401.2	1438.5
35°	1568.1	1426.0	1205.8	1175.6	1069.1	1070.8	1232.5	1335.5	1337.2	1355.0	1378.1
37.5°	1518.4	1356.8	1065.5	1117.0	1019.4	1019.4	1191.6	1289.3	1285.7	1291.1	1323.0
40°	1459.8	1248.4	941.3	1040.7	973.2	967.9	1141.9	1239.6	1227.1	1225.4	1269.8
42.5°	1397.6	1129.4	848.9	939.5	920.0	912.9	1081.5	1179.2	1156.1	1161.4	1218.2
45°	1330.1	1097.5	777.9	793.9	864.9	859.6	1015.9	1109.9	1093.9	1108.1	1166.7
47.5°	1262.6	1033.6	754.8	658.9	806.3	804.5	943.1	1042.5	1033.6	1047.8	1109.9
50°	1170.3	962.6	753.0	564.8	740.6	747.7	856.0	976.8	976.8	989.2	1054.9
52.5°	1051.4	875.6	683.8	511.5	664.2	685.5	779.7	920.0	923.5	936.0	994.6
55°	943.1	785.0	634.0	470.6	573.6	619.8	705.1	861.4	868.5	880.9	934.2
57.5°	843.6	653.6	623.4	422.7	490.2	534.6	639.4	804.5	808.1	818.7	870.2
60°	737.0	472.4	571.9	371.2	417.4	451.1	579.0	737.0	749.5	756.6	801.0
62.5°	616.3	342.8	518.6	335.7	381.8	388.9	529.2	673.1	689.1	694.4	721.1
65°	438.7	287.7	440.4	305.5	344.5	346.3	476.0	607.4	621.6	630.5	650.0
67.5°	296.6	234.4	335.7	277.1	316.1	317.9	424.5	531.0	550.6	557.7	570.1
70°	206.0	156.3	248.6	246.9	284.2	287.7	369.4	461.8	479.5	484.8	492.0
72.5°	151.0	126.1	206.0	222.0	250.4	254.0	312.6	383.6	401.4	406.7	410.3
75°	115.4	133.2	166.9	193.6	213.1	214.9	255.7	312.6	325.0	328.6	330.3
77.5°	92.4	124.3	122.5	156.3	174.0	170.5	200.7	241.5	252.2	252.2	252.2
80°	69.3	97.7	92.4	111.9	127.9	124.3	143.9	172.3	175.8	179.4	177.6
82.5°	51.5	62.2	62.2	71.0	85.2	81.7	95.9	111.9	111.9	111.9	115.4
85°	32.0	35.5	28.4	37.3	48.0	46.2	53.3	60.4	62.2	62.2	58.6
87.5°	19.5	16.0	8.9	14.2	21.3	21.3	24.9	26.6	24.9	24.9	24.9
90°	9.5	6.6	3.6	6.6	9.5	10.2	16.1	23.9	27.8	24.7	18.6
92.5°	64.5	39.5	14.7	39.5	64.5	70.7	99.4	137.6	156.6	137.3	98.6
95°	126.3	80.7	35.2	80.7	126.3	137.6	244.4	386.7	457.9	408.7	310.1
97.5°	141.1	100.9	60.7	100.9	141.1	151.1	329.2	566.5	685.3	654.1	591.8
100°	153.4	116.9	80.5	116.9	153.4	162.5	360.1	623.5	755.2	757.5	762.0
102.5°	165.3	131.4	97.4	131.4	165.3	173.9	374.2	641.4	775.0	814.7	894.0
105°	183.5	154.7	125.9	154.7	183.5	190.7	384.8	643.4	772.7	861.7	1039.8
107.5°	208.9	182.0	155.2	182.0	208.9	215.6	386.6	614.8	728.8	852.9	1101.2
110°	223.5	199.2	174.9	199.2	223.5	229.5	383.8	589.4	692.2	831.0	1108.5



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	240.6	217.5	194.4	217.5	240.6	246.3	383.9	567.3	658.9	800.9	1085.0
115°	266.3	245.0	223.7	245.0	266.3	271.6	387.4	541.9	619.0	755.9	1029.5
117.5°	291.3	271.9	252.5	271.9	291.3	296.1	394.6	525.9	591.5	715.0	962.0
120°	305.9	287.6	269.4	287.6	305.9	310.4	400.5	520.5	580.6	693.4	919.0
122.5°	322.6	304.2	285.8	304.2	322.6	327.2	408.8	517.7	572.1	673.7	877.0
125°	344.6	327.8	311.2	327.8	344.6	348.8	420.2	515.4	563.0	649.3	821.9
127.5°	365.4	348.5	331.7	348.5	365.4	369.7	431.6	514.1	555.3	629.4	777.6
130°	379.1	360.8	342.6	360.8	379.1	383.6	439.8	514.9	552.3	618.3	750.3
132.5°	390.5	372.2	354.0	372.2	390.5	395.0	446.6	515.4	549.8	608.9	727.0
135°	404.0	387.4	370.8	387.4	404.0	408.1	453.9	514.9	545.4	594.9	693.8
137.5°	420.9	404.5	388.1	404.5	420.9	425.0	464.9	518.1	544.7	586.5	670.2
140°	432.5	417.4	402.3	417.4	432.5	436.4	471.6	518.6	542.1	578.3	650.5
142.5°	441.2	427.2	413.3	427.2	441.2	444.7	477.2	520.5	542.1	573.8	637.3
145°	454.6	442.3	430.1	442.3	454.6	457.6	484.6	520.5	538.5	564.4	616.4
147.5°	470.7	458.8	446.9	458.8	470.7	473.7	495.2	524.1	538.5	558.9	599.7
150°	479.4	468.7	457.9	468.7	479.4	482.1	500.9	526.0	538.5	555.7	590.3
152.5°	485.6	477.5	469.3	477.5	485.6	487.6	504.6	527.2	538.5	553.2	582.6
155°	498.2	492.1	486.1	492.1	498.2	499.7	512.6	529.9	538.5	550.2	573.6
157.5°	510.2	504.4	498.5	504.4	510.2	511.8	520.6	532.5	538.5	547.5	565.7
160°	516.1	511.6	507.0	511.6	516.1	517.3	524.4	533.8	538.5	546.3	561.8
162.5°	522.2	518.9	515.4	518.9	522.2	523.1	528.3	535.1	538.5	545.1	558.3
165°	530.7	527.6	524.5	527.6	530.7	531.5	533.8	536.9	538.5	543.2	552.6
167.5°	535.9	534.4	533.0	534.4	535.9	536.3	538.2	540.8	542.1	545.2	551.4
170°	541.4	539.9	538.5	539.9	541.4	541.8	541.9	542.0	542.1	545.2	551.4
172.5°	542.0	541.8	541.4	541.8	542.0	542.1	542.1	542.1	542.1	544.6	549.5
175°	545.4	545.4	545.4	545.4	545.4	545.4	544.3	542.8	542.1	543.6	546.7
177.5°	545.4	545.4	545.4	545.4	545.4	545.4	544.5	543.4	542.8	544.1	546.5
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1811.4	1806.1	1813.2	1793.7	1813.2	1806.1	1811.4	1823.9	1813.2	1820.3	1827.4
5°	1589.4	1580.6	1552.1	1529.0	1552.1	1580.6	1589.4	1626.7	1644.5	1676.5	1719.1
7.5°	1420.7	1413.6	1406.5	1392.3	1406.5	1413.6	1420.7	1431.4	1449.1	1477.5	1509.5
10°	1383.4	1385.2	1395.8	1394.1	1395.8	1385.2	1383.4	1379.9	1374.5	1379.9	1399.4
12.5°	1479.3	1495.3	1553.9	1550.4	1553.9	1495.3	1479.3	1408.3	1360.3	1351.4	1355.0
15°	1589.4	1594.8	1607.2	1609.0	1607.2	1594.8	1589.4	1561.0	1417.2	1355.0	1335.5
17.5°	1600.1	1601.9	1610.7	1610.7	1610.7	1601.9	1600.1	1587.7	1539.7	1456.2	1346.1
20°	1591.2	1594.8	1612.5	1616.1	1612.5	1594.8	1591.2	1575.2	1548.6	1518.4	1434.9
22.5°	1587.7	1594.8	1609.0	1607.2	1609.0	1594.8	1587.7	1562.8	1539.7	1518.4	1484.6
25°	1569.9	1569.9	1571.7	1573.4	1571.7	1569.9	1569.9	1550.4	1504.2	1498.9	1479.3
27.5°	1532.6	1536.2	1546.8	1545.0	1546.8	1536.2	1532.6	1525.5	1475.8	1470.4	1456.2
30°	1498.9	1495.3	1486.4	1479.3	1486.4	1495.3	1498.9	1488.2	1438.5	1424.3	1427.8
32.5°	1442.0	1433.1	1424.3	1418.9	1424.3	1433.1	1442.0	1438.5	1401.2	1381.6	1385.2
35°	1374.5	1376.3	1374.5	1369.2	1374.5	1376.3	1374.5	1378.1	1355.0	1337.2	1335.5
37.5°	1326.6	1330.1	1328.4	1321.3	1328.4	1330.1	1326.6	1323.0	1291.1	1285.7	1289.3
40°	1276.9	1278.6	1276.9	1271.5	1276.9	1278.6	1276.9	1269.8	1225.4	1227.1	1239.6
42.5°	1228.9	1227.1	1221.8	1218.2	1221.8	1227.1	1228.9	1218.2	1161.4	1156.1	1179.2
45°	1173.8	1175.6	1165.0	1159.6	1165.0	1175.6	1173.8	1166.7	1108.1	1093.9	1109.9
47.5°	1118.8	1118.8	1109.9	1104.6	1109.9	1118.8	1118.8	1109.9	1047.8	1033.6	1042.5
50°	1060.2	1058.5	1046.1	1044.3	1046.1	1058.5	1060.2	1054.9	989.2	976.8	976.8
52.5°	992.8	992.8	994.6	998.1	994.6	992.8	992.8	994.6	936.0	923.5	920.0
55°	934.2	936.0	948.4	951.9	948.4	936.0	934.2	934.2	880.9	868.5	861.4
57.5°	873.8	873.8	882.7	882.7	882.7	873.8	873.8	870.2	818.7	808.1	804.5
60°	804.5	808.1	815.2	813.4	815.2	808.1	804.5	801.0	756.6	749.5	737.0
62.5°	731.7	735.3	737.0	733.5	737.0	735.3	731.7	721.1	694.4	689.1	673.1
65°	655.3	658.9	660.7	657.1	660.7	658.9	655.3	650.0	630.5	621.6	607.4
67.5°	577.2	575.4	573.6	580.8	573.6	575.4	577.2	570.1	557.7	550.6	531.0
70°	497.3	497.3	495.5	499.1	495.5	497.3	497.3	492.0	484.8	479.5	461.8
72.5°	412.0	410.3	417.4	412.0	417.4	410.3	412.0	410.3	406.7	401.4	383.6
75°	328.6	332.1	328.6	333.9	328.6	332.1	328.6	330.3	328.6	325.0	312.6
77.5°	250.4	254.0	250.4	250.4	250.4	254.0	250.4	252.2	252.2	252.2	241.5
80°	177.6	175.8	175.8	174.0	175.8	175.8	177.6	177.6	179.4	175.8	172.3
82.5°	113.7	111.9	111.9	115.4	111.9	111.9	113.7	115.4	111.9	111.9	111.9
85°	62.2	63.9	60.4	60.4	60.4	63.9	62.2	58.6	62.2	62.2	60.4
87.5°	23.1	21.3	21.3	21.3	21.3	21.3	23.1	24.9	24.9	24.9	26.6
90°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	18.6	24.7	27.8	23.9
92.5°	69.5	66.8	55.7	44.7	55.7	66.8	69.5	98.6	137.3	156.6	137.6
95°	236.1	227.8	194.2	160.7	194.2	227.8	236.1	310.1	408.7	457.9	386.7
97.5°	545.1	529.1	465.3	401.6	465.3	529.1	545.1	591.8	654.1	685.3	566.5
100°	765.4	746.4	670.4	594.4	670.4	746.4	765.4	762.0	757.5	755.2	623.5
102.5°	953.5	937.3	872.2	807.1	872.2	937.3	953.5	894.0	814.7	775.0	641.4
105°	1173.2	1164.4	1129.4	1094.5	1129.4	1164.4	1173.2	1039.8	861.7	772.7	643.4
107.5°	1287.4	1289.6	1298.0	1306.4	1298.0	1289.6	1287.4	1101.2	852.9	728.8	614.8
110°	1316.6	1325.8	1362.2	1398.7	1362.2	1325.8	1316.6	1108.5	831.0	692.2	589.4



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1298.0	1312.0	1368.0	1423.9	1368.0	1312.0	1298.0	1085.0	800.9	658.9	567.3
115°	1234.7	1254.0	1331.6	1409.3	1331.6	1254.0	1234.7	1029.5	755.9	619.0	541.9
117.5°	1147.2	1168.7	1254.8	1340.9	1254.8	1168.7	1147.2	962.0	715.0	591.5	525.9
120°	1088.2	1109.1	1192.8	1276.4	1192.8	1109.1	1088.2	919.0	693.4	580.6	520.5
122.5°	1029.4	1050.0	1132.5	1215.0	1132.5	1050.0	1029.4	877.0	673.7	572.1	517.7
125°	951.4	970.4	1046.3	1122.3	1046.3	970.4	951.4	821.9	649.3	563.0	515.4
127.5°	888.8	904.8	968.9	1033.0	968.9	904.8	888.8	777.6	629.4	555.3	514.1
130°	849.2	864.0	923.3	982.5	923.3	864.0	849.2	750.3	618.3	552.3	514.9
132.5°	815.5	828.8	881.9	934.9	881.9	828.8	815.5	727.0	608.9	549.8	515.4
135°	767.9	779.4	825.1	870.9	825.1	779.4	767.9	693.8	594.9	545.4	514.9
137.5°	732.9	742.2	779.7	817.0	779.7	742.2	732.9	670.2	586.5	544.7	518.1
140°	704.6	713.3	748.3	783.3	748.3	713.3	704.6	650.5	578.3	542.1	518.6
142.5°	684.9	692.5	722.5	752.6	722.5	692.5	684.9	637.3	573.8	542.1	520.5
145°	655.3	660.9	683.8	706.5	683.8	660.9	655.3	616.4	564.4	538.5	520.5
147.5°	630.3	635.0	653.9	672.8	653.9	635.0	630.3	599.7	558.9	538.5	524.1
150°	616.1	619.9	635.2	650.5	635.2	619.9	616.1	590.3	555.7	538.5	526.0
152.5°	604.7	607.7	619.2	630.7	619.2	607.7	604.7	582.6	553.2	538.5	527.2
155°	591.1	593.1	600.7	608.4	600.7	593.1	591.1	573.6	550.2	538.5	529.9
157.5°	579.4	580.8	586.2	591.5	586.2	580.8	579.4	565.7	547.5	538.5	532.5
160°	573.6	574.4	577.5	580.6	577.5	574.4	573.6	561.8	546.3	538.5	533.8
162.5°	568.1	568.9	571.8	574.7	571.8	568.9	568.1	558.3	545.1	538.5	535.1
165°	559.7	560.5	563.5	566.6	563.5	560.5	559.7	552.6	543.2	538.5	536.9
167.5°	556.1	556.4	557.7	559.0	557.7	556.4	556.1	551.4	545.2	542.1	540.8
170°	556.1	556.1	556.1	556.1	556.1	556.1	556.1	551.4	545.2	542.1	542.0
172.5°	553.1	552.9	551.7	550.6	551.7	552.9	553.1	549.5	544.6	542.1	542.1
175°	549.1	549.1	549.1	549.1	549.1	549.1	549.1	546.7	543.6	542.1	542.8
177.5°	548.3	548.0	546.7	545.4	546.7	548.0	548.3	546.5	544.1	542.8	543.4
180°	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1854.1	1862.9	1868.3	1875.4	1893.1
5°	1783.0	1816.8	1827.4	1854.1	1886.0
7.5°	1626.7	1729.7	1758.2	1822.1	1871.8
10°	1475.8	1578.8	1628.5	1779.5	1854.1
12.5°	1399.4	1459.8	1493.5	1704.9	1829.2
15°	1351.4	1394.1	1418.9	1605.4	1800.8
17.5°	1314.2	1344.3	1362.1	1507.7	1761.7
20°	1291.1	1305.3	1321.3	1436.7	1717.3
22.5°	1275.1	1266.2	1278.6	1387.0	1656.9
25°	1264.4	1230.7	1244.9	1347.9	1585.9
27.5°	1273.3	1198.7	1204.0	1312.4	1511.3
30°	1275.1	1159.6	1161.4	1275.1	1427.8
32.5°	1262.6	1118.8	1120.6	1228.9	1333.7
35°	1232.5	1070.8	1069.1	1175.6	1205.8
37.5°	1191.6	1019.4	1019.4	1117.0	1065.5
40°	1141.9	967.9	973.2	1040.7	941.3
42.5°	1081.5	912.9	920.0	939.5	848.9
45°	1015.9	859.6	864.9	793.9	777.9
47.5°	943.1	804.5	806.3	658.9	754.8
50°	856.0	747.7	740.6	564.8	753.0
52.5°	779.7	685.5	664.2	511.5	683.8
55°	705.1	619.8	573.6	470.6	634.0
57.5°	639.4	534.6	490.2	422.7	623.4
60°	579.0	451.1	417.4	371.2	571.9
62.5°	529.2	388.9	381.8	335.7	518.6
65°	476.0	346.3	344.5	305.5	440.4
67.5°	424.5	317.9	316.1	277.1	335.7
70°	369.4	287.7	284.2	246.9	248.6
72.5°	312.6	254.0	250.4	222.0	206.0
75°	255.7	214.9	213.1	193.6	166.9
77.5°	200.7	170.5	174.0	156.3	122.5
80°	143.9	124.3	127.9	111.9	92.4
82.5°	95.9	81.7	85.2	71.0	62.2
85°	53.3	46.2	48.0	37.3	28.4
87.5°	24.9	21.3	21.3	14.2	8.9
90°	16.1	10.2	9.5	6.6	3.6
92.5°	99.4	70.7	64.5	39.5	14.7
95°	244.4	137.6	126.3	80.7	35.2
97.5°	329.2	151.1	141.1	100.9	60.7
100°	360.1	162.5	153.4	116.9	80.5
102.5°	374.2	173.9	165.3	131.4	97.4
105°	384.8	190.7	183.5	154.7	125.9
107.5°	386.6	215.6	208.9	182.0	155.2
110°	383.8	229.5	223.5	199.2	174.9



TEST NUMBER: P934376

CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	383.9	246.3	240.6	217.5	194.4
115°	387.4	271.6	266.3	245.0	223.7
117.5°	394.6	296.1	291.3	271.9	252.5
120°	400.5	310.4	305.9	287.6	269.4
122.5°	408.8	327.2	322.6	304.2	285.8
125°	420.2	348.8	344.6	327.8	311.2
127.5°	431.6	369.7	365.4	348.5	331.7
130°	439.8	383.6	379.1	360.8	342.6
132.5°	446.6	395.0	390.5	372.2	354.0
135°	453.9	408.1	404.0	387.4	370.8
137.5°	464.9	425.0	420.9	404.5	388.1
140°	471.6	436.4	432.5	417.4	402.3
142.5°	477.2	444.7	441.2	427.2	413.3
145°	484.6	457.6	454.6	442.3	430.1
147.5°	495.2	473.7	470.7	458.8	446.9
150°	500.9	482.1	479.4	468.7	457.9
152.5°	504.6	487.6	485.6	477.5	469.3
155°	512.6	499.7	498.2	492.1	486.1
157.5°	520.6	511.8	510.2	504.4	498.5
160°	524.4	517.3	516.1	511.6	507.0
162.5°	528.3	523.1	522.2	518.9	515.4
165°	533.8	531.5	530.7	527.6	524.5
167.5°	538.2	536.3	535.9	534.4	533.0
170°	541.9	541.8	541.4	539.9	538.5
172.5°	542.1	542.1	542.0	541.8	541.4
175°	544.3	545.4	545.4	545.4	545.4
177.5°	544.5	545.4	545.4	545.4	545.4
180°	545.4	545.4	545.4	545.4	545.4



TEST NUMBER: P934376
 CATALOG NUMBER: SQ4-FA-050U-075D-940-1D-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	13.03	13.97	13.92	14.87	16.03	15.87	16.80	16.75	17.71	18.86
	3H	13.51	14.35	14.41	15.27	16.45	17.22	18.06	18.12	18.98	20.16
	4H	13.71	14.50	14.62	15.42	16.61	17.67	18.46	18.58	19.39	20.57
	6H	13.83	14.56	14.76	15.49	16.69	17.96	18.69	18.89	19.62	20.82
	8H	13.83	14.53	14.77	15.48	16.68	18.04	18.74	18.97	19.68	20.88
	12H	13.81	14.47	14.75	15.41	16.63	18.08	18.74	19.02	19.68	20.91
4H	2H	14.07	14.87	14.99	15.79	16.98	16.29	17.08	17.20	18.00	19.19
	3H	15.11	15.77	16.04	16.72	17.92	17.80	18.46	18.73	19.41	20.62
	4H	15.39	15.99	16.33	16.94	18.17	18.33	18.94	19.27	19.88	21.11
	6H	15.52	16.04	16.47	17.01	18.24	18.71	19.23	19.66	20.20	21.42
	8H	15.52	16.01	16.48	16.97	18.22	18.81	19.30	19.77	20.27	21.51
	12H	15.49	15.93	16.47	16.91	18.16	18.88	19.31	19.85	20.30	21.54
8H	4H	15.85	16.33	16.80	17.30	18.54	18.46	18.95	19.42	19.91	21.16
	6H	16.11	16.51	17.09	17.52	18.76	18.91	19.31	19.89	20.31	21.55
	8H	16.16	16.51	17.15	17.51	18.77	19.06	19.41	20.05	20.41	21.67
	12H	16.14	16.46	17.14	17.44	18.75	19.16	19.48	20.16	20.46	21.77
12H	4H	15.86	16.30	16.83	17.28	18.53	18.43	18.87	19.41	19.85	21.10
	6H	16.17	16.53	17.16	17.53	18.78	18.90	19.26	19.89	20.25	21.51
	8H	16.24	16.56	17.24	17.55	18.85	19.07	19.38	20.06	20.37	21.68