

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: P934451

Luminaire Tested: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934451
REPORT IS A COMBINATION OF REPORTS P933699 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

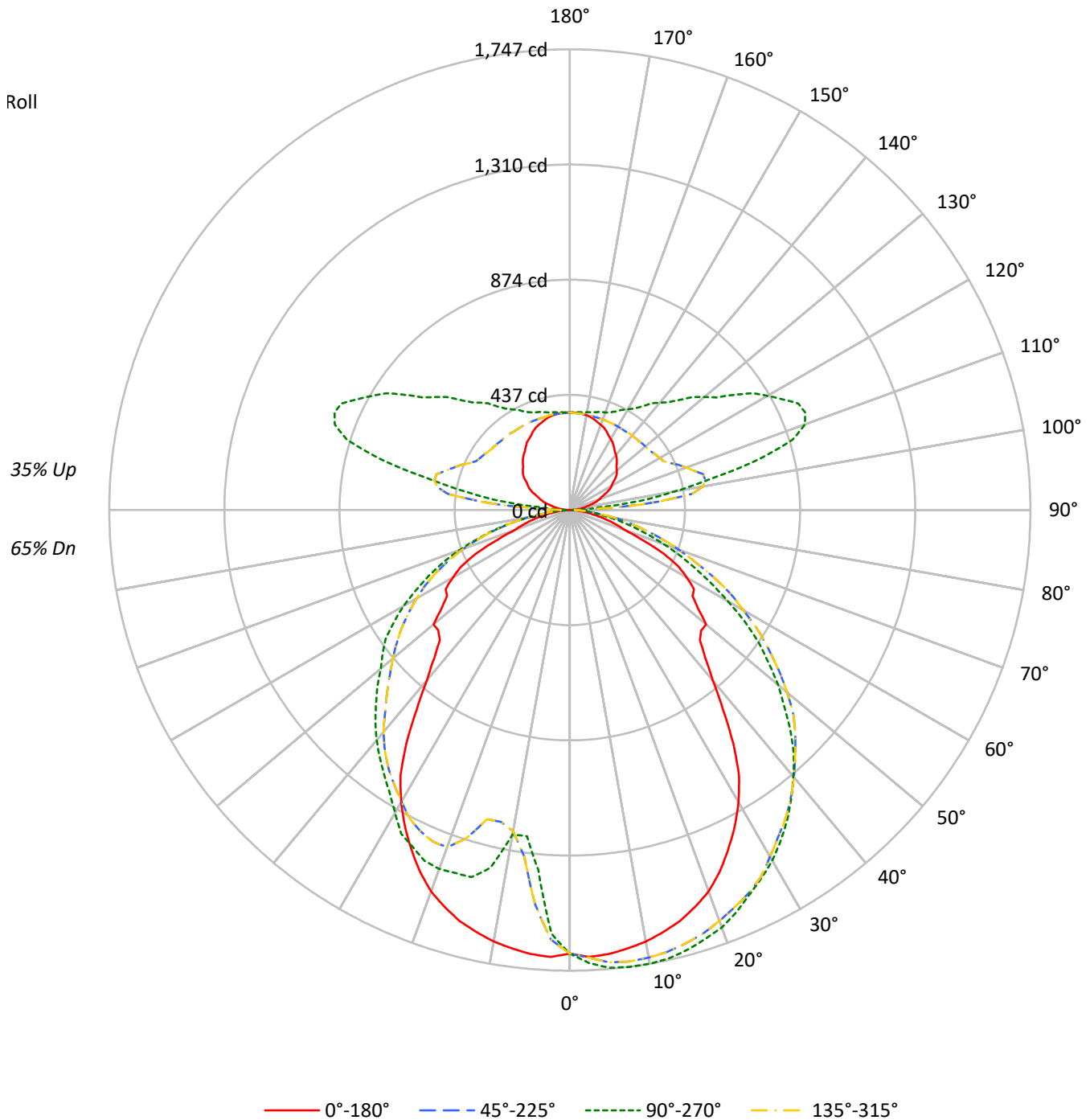
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6760.5 lumens
Efficiency: N/A
Efficacy: 99.7 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: Semi-Direct

Input Watts (W): 67.8
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: P934451
CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

Luminous Intensity Polar Plot





TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	65
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10405	10405	10405	10405
5°	10479	10503	10479	8259
10°	10405	10346	10405	7397
15°	10288	10122	10288	8452
20°	10069	9857	10069	8469
25°	9624	9469	9624	8290
30°	9052	9148	9052	7896
35°	8066	8741	8066	7463
40°	6717	8262	6717	7136
45°	5998	7702	5998	6760
50°	6367	7033	6367	6382
55°	5985	6313	5985	6163
60°	6162	5362	6162	5645
65°	5578	4432	5578	4955
70°	3853	3532	3853	4153
75°	3366	2611	3366	3127
80°	2692	1727	2692	1879
85°	1520	915	1520	777

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9198 cd/sqm



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.8	2.2
10°-20°	431.1	6.4
20°-30°	666.4	9.9
30°-40°	795.5	11.8
40°-50°	800.2	11.8
50°-60°	696.3	10.3
60°-70°	493.7	7.3
70°-80°	261.2	3.9
80°-90°	66.4	1.0
90°-100°	180.3	2.7
100°-110°	474.0	7.0
110°-120°	491.5	7.3
120°-130°	394.3	5.8
130°-140°	309.4	4.6
140°-150°	237.4	3.5
150°-160°	171.0	2.5
160°-170°	104.6	1.5
170°-180°	35.3	0.5
0°-30°	1249.3	18.5
0°-40°	2044.8	30.2
0°-60°	3541.2	52.4
0°-90°	4362.5	64.5
90°-120°	1145.9	16.9
90°-150°	2087.0	30.9
90°-180°	2398.0	35.5
0°-180°	6760.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1682	1682	1682	1682	1682	
5°	1690	1742	1690	1370	1690	160
15°	1614	1726	1614	1442	1614	454
25°	1421	1610	1421	1410	1421	652
35°	1080	1437	1080	1227	1080	668
45°	697	1184	697	1039	697	558
55°	568	874	568	853	568	522
65°	395	527	395	589	395	377
75°	150	250	150	299	150	157
85°	26	64	26	54	26	34
90°	2	9	2	9	2	3
95°	24	109	24	109	24	26
105°	85	742	85	742	85	91
115°	152	956	152	956	152	150
125°	211	761	211	761	211	187
135°	252	591	252	591	252	195
145°	292	479	292	479	292	183
155°	330	413	330	413	330	151
165°	356	384	356	384	356	100
175°	370	372	370	372	370	35
180°	370	370	370	370	370	



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1696.3	1696.3	1705.9	1709.0	1709.0	1704.3	1699.5	1704.3	1718.6	1723.4	1721.8
5°	1689.9	1702.7	1720.2	1723.4	1726.5	1724.9	1721.8	1724.9	1740.8	1744.0	1745.6
7.5°	1677.2	1701.1	1723.4	1728.1	1732.9	1728.1	1726.5	1729.7	1745.6	1748.9	1748.9
10°	1661.3	1694.7	1720.2	1723.4	1728.1	1723.4	1723.4	1729.7	1745.6	1748.9	1750.4
12.5°	1639.0	1685.2	1709.0	1712.2	1718.6	1717.0	1715.4	1721.8	1737.7	1740.8	1740.8
15°	1613.5	1667.7	1689.9	1693.1	1704.3	1701.1	1701.1	1707.4	1724.9	1729.7	1728.1
17.5°	1578.5	1645.3	1670.9	1675.6	1683.6	1682.0	1683.6	1689.9	1705.9	1709.0	1710.6
20°	1538.8	1615.2	1645.3	1650.2	1658.1	1658.1	1658.1	1666.1	1682.0	1688.4	1688.4
22.5°	1484.7	1583.4	1615.2	1618.4	1627.9	1627.9	1631.1	1642.2	1656.5	1658.1	1658.1
25°	1421.0	1548.3	1575.4	1584.9	1594.4	1599.3	1604.0	1610.4	1615.2	1613.5	1615.2
27.5°	1354.2	1503.8	1538.8	1545.1	1557.9	1562.6	1569.0	1570.6	1572.2	1576.9	1573.8
30°	1279.4	1441.7	1494.2	1500.6	1521.3	1524.4	1518.1	1521.3	1529.2	1532.4	1535.6
32.5°	1195.0	1349.4	1448.0	1462.4	1481.5	1471.9	1470.4	1475.1	1487.9	1487.9	1491.0
35°	1080.5	1277.8	1405.1	1417.9	1432.2	1421.0	1427.4	1428.9	1436.9	1441.7	1440.1
37.5°	954.8	1215.7	1360.5	1370.1	1381.2	1366.9	1376.4	1381.2	1387.6	1384.5	1384.5
40°	843.4	1118.7	1308.0	1314.4	1324.0	1312.8	1322.4	1325.5	1328.7	1325.5	1324.0
42.5°	760.6	1012.0	1252.4	1260.3	1254.0	1261.9	1265.0	1271.5	1266.7	1260.3	1260.3
45°	697.0	983.4	1191.9	1201.4	1191.9	1204.6	1209.4	1209.4	1195.0	1191.9	1190.3
47.5°	676.3	926.1	1131.4	1131.4	1126.6	1142.5	1150.5	1139.4	1125.0	1120.3	1120.3
50°	674.7	862.5	1048.6	1042.3	1064.5	1083.6	1075.7	1064.5	1053.5	1036.0	1036.0
52.5°	612.6	784.5	942.0	965.9	1000.9	1012.0	999.3	988.2	969.1	961.1	954.8
55°	568.1	703.3	845.0	892.7	929.3	943.6	919.8	908.6	880.0	875.2	872.1
57.5°	558.6	585.6	755.9	816.3	860.9	859.3	845.0	824.3	800.4	795.6	794.1
60°	512.4	423.3	660.4	732.0	778.1	773.4	760.6	741.6	719.2	716.1	712.9
62.5°	464.6	307.1	552.1	633.3	698.6	697.0	685.8	657.2	641.3	633.3	627.0
65°	394.7	257.8	393.1	526.7	620.6	623.8	599.9	579.2	561.7	552.1	550.6
67.5°	300.7	210.1	265.7	439.2	545.8	542.7	512.4	502.8	480.6	475.8	466.2
70°	222.8	140.0	184.6	356.5	472.6	464.6	440.8	429.7	409.0	397.8	391.5
72.5°	184.6	113.0	135.2	276.9	397.8	388.3	367.6	354.8	337.3	327.8	321.4
75°	149.6	119.3	103.4	205.2	323.0	316.7	297.6	284.8	270.5	257.8	259.4
77.5°	109.8	111.4	82.7	151.2	256.2	246.7	235.5	219.6	213.2	200.5	200.5
80°	82.7	87.5	62.1	103.4	184.6	184.6	175.1	163.9	152.7	146.4	146.4
82.5°	55.7	55.7	46.2	65.2	125.7	120.9	114.6	111.4	105.0	101.8	101.8
85°	25.5	31.8	28.7	39.7	68.4	71.6	71.6	68.4	66.8	63.7	65.2
87.5°	7.9	14.3	17.5	22.2	35.0	36.6	38.2	38.2	38.2	39.7	39.7
90°	2.5	4.5	6.5	7.0	10.9	16.2	18.9	16.8	12.5	9.4	9.4
92.5°	10.0	26.8	43.7	47.9	67.4	93.3	106.2	93.1	66.8	47.1	45.3
95°	23.8	54.7	85.6	93.3	165.7	262.3	310.6	277.2	210.3	160.1	154.4
97.5°	41.2	68.5	95.7	102.5	223.3	384.3	464.8	443.7	401.3	369.6	358.8
100°	54.6	79.3	104.1	110.3	244.2	422.9	512.2	513.7	516.8	519.1	506.3
102.5°	66.0	89.1	112.2	118.0	253.8	435.0	525.6	552.5	606.3	646.7	635.7
105°	85.4	105.0	124.5	129.4	260.9	436.4	524.0	584.4	705.1	795.7	789.8
107.5°	105.3	123.5	141.6	146.2	262.3	416.9	494.2	578.4	746.8	873.1	874.5
110°	118.7	135.1	151.5	155.6	260.3	399.7	469.4	563.5	751.8	893.0	899.2



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	131.9	147.5	163.2	167.1	260.3	384.7	446.9	543.2	735.9	880.3	889.8
115°	151.7	166.1	180.6	184.2	262.7	367.5	419.8	512.6	698.2	837.4	850.5
117.5°	171.3	184.4	197.5	200.8	267.6	356.7	401.2	484.9	652.4	778.0	792.6
120°	182.7	195.0	207.4	210.5	271.6	353.0	393.7	470.2	623.3	738.0	752.3
122.5°	193.9	206.4	218.8	221.9	277.3	351.1	388.0	456.9	594.8	698.1	712.1
125°	211.0	222.4	233.8	236.6	285.0	349.5	381.8	440.4	557.4	645.2	658.1
127.5°	224.9	236.4	247.9	250.8	292.7	348.7	376.6	426.9	527.3	602.7	613.6
130°	232.4	244.8	257.1	260.2	298.3	349.1	374.6	419.3	508.9	576.0	586.0
132.5°	240.1	252.5	264.8	267.9	302.9	349.5	372.9	413.0	493.0	553.1	562.1
135°	251.5	262.7	274.0	276.8	307.9	349.2	369.9	403.5	470.6	520.8	528.6
137.5°	263.1	274.3	285.4	288.2	315.3	351.3	369.4	397.7	454.4	497.0	503.3
140°	272.9	283.1	293.3	295.9	319.8	351.7	367.7	392.2	441.2	477.9	483.8
142.5°	280.2	289.7	299.2	301.6	323.6	353.0	367.7	389.2	432.2	464.5	469.6
145°	291.7	300.0	308.3	310.4	328.7	353.0	365.2	382.8	418.0	444.4	448.2
147.5°	303.1	311.2	319.3	321.3	335.9	355.4	365.2	379.0	406.7	427.5	430.7
150°	310.6	317.9	325.1	327.0	339.7	356.7	365.2	376.9	400.3	417.8	420.4
152.5°	318.2	323.8	329.3	330.7	342.2	357.5	365.2	375.2	395.2	410.1	412.0
155°	329.7	333.8	337.8	338.9	347.6	359.3	365.2	373.2	389.1	400.9	402.2
157.5°	338.1	342.1	346.1	347.1	353.1	361.2	365.2	371.4	383.8	393.0	393.9
160°	343.8	346.9	349.9	350.8	355.6	362.0	365.2	370.5	381.1	389.1	389.5
162.5°	349.5	351.9	354.2	354.8	358.2	362.9	365.2	369.7	378.6	385.3	385.8
165°	355.7	357.8	359.9	360.5	362.1	364.2	365.2	368.4	374.8	379.6	380.1
167.5°	361.4	362.4	363.4	363.7	365.0	366.8	367.7	369.8	374.0	377.1	377.3
170°	365.2	366.2	367.2	367.5	367.5	367.6	367.7	369.8	374.0	377.1	377.1
172.5°	367.2	367.5	367.6	367.7	367.7	367.7	367.7	369.3	372.6	375.1	374.9
175°	369.9	369.9	369.9	369.9	369.2	368.2	367.7	368.7	370.8	372.4	372.4
177.5°	369.9	369.9	369.9	369.9	369.4	368.6	368.2	369.0	370.7	371.9	371.6
180°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1724.9	1720.2	1724.9	1721.8	1723.4	1718.6	1704.3	1699.5	1704.3	1709.0	1709.0
5°	1745.6	1742.4	1745.6	1745.6	1744.0	1740.8	1724.9	1721.8	1724.9	1726.5	1723.4
7.5°	1752.0	1747.2	1752.0	1748.9	1748.9	1745.6	1729.7	1726.5	1728.1	1732.9	1728.1
10°	1752.0	1747.2	1752.0	1750.4	1748.9	1745.6	1729.7	1723.4	1723.4	1728.1	1723.4
12.5°	1744.0	1740.8	1744.0	1740.8	1740.8	1737.7	1721.8	1715.4	1717.0	1718.6	1712.2
15°	1731.3	1726.5	1731.3	1728.1	1729.7	1724.9	1707.4	1701.1	1701.1	1704.3	1693.1
17.5°	1712.2	1705.9	1712.2	1710.6	1709.0	1705.9	1689.9	1683.6	1682.0	1683.6	1675.6
20°	1689.9	1685.2	1689.9	1688.4	1688.4	1682.0	1666.1	1658.1	1658.1	1658.1	1650.2
22.5°	1654.9	1650.2	1654.9	1658.1	1658.1	1656.5	1642.2	1631.1	1627.9	1627.9	1618.4
25°	1615.2	1610.4	1615.2	1615.2	1613.5	1615.2	1610.4	1604.0	1599.3	1594.4	1584.9
27.5°	1576.9	1573.8	1576.9	1573.8	1576.9	1572.2	1570.6	1569.0	1562.6	1557.9	1545.1
30°	1538.8	1535.6	1538.8	1535.6	1532.4	1529.2	1521.3	1518.1	1524.4	1521.3	1500.6
32.5°	1491.0	1487.9	1491.0	1491.0	1487.9	1487.9	1475.1	1470.4	1471.9	1481.5	1462.4
35°	1441.7	1436.9	1441.7	1440.1	1441.7	1436.9	1428.9	1427.4	1421.0	1432.2	1417.9
37.5°	1384.5	1379.6	1384.5	1384.5	1384.5	1387.6	1381.2	1376.4	1366.9	1381.2	1370.1
40°	1325.5	1319.2	1325.5	1324.0	1325.5	1328.7	1325.5	1322.4	1312.8	1324.0	1314.4
42.5°	1258.7	1257.1	1258.7	1260.3	1260.3	1266.7	1271.5	1265.0	1261.9	1254.0	1260.3
45°	1187.1	1183.9	1187.1	1190.3	1191.9	1195.0	1209.4	1209.4	1204.6	1191.9	1201.4
47.5°	1110.7	1102.8	1110.7	1120.3	1120.3	1125.0	1139.4	1150.5	1142.5	1126.6	1131.4
50°	1029.5	1031.1	1029.5	1036.0	1036.0	1053.5	1064.5	1075.7	1083.6	1064.5	1042.3
52.5°	950.0	948.4	950.0	954.8	961.1	969.1	988.2	999.3	1012.0	1000.9	965.9
55°	870.5	873.6	870.5	872.1	875.2	880.0	908.6	919.8	943.6	929.3	892.7
57.5°	790.9	786.1	790.9	794.1	795.6	800.4	824.3	845.0	859.3	860.9	816.3
60°	698.6	692.2	698.6	712.9	716.1	719.2	741.6	760.6	773.4	778.1	732.0
62.5°	617.4	606.3	617.4	627.0	633.3	641.3	657.2	685.8	697.0	698.6	633.3
65°	531.5	526.7	531.5	550.6	552.1	561.7	579.2	599.9	623.8	620.6	526.7
67.5°	453.5	453.5	453.5	466.2	475.8	480.6	502.8	512.4	542.7	545.8	439.2
70°	381.9	380.3	381.9	391.5	397.8	409.0	429.7	440.8	464.6	472.6	356.5
72.5°	313.5	311.9	313.5	321.4	327.8	337.3	354.8	367.6	388.3	397.8	276.9
75°	253.0	249.8	253.0	259.4	257.8	270.5	284.8	297.6	316.7	323.0	205.2
77.5°	194.2	194.2	194.2	200.5	200.5	213.2	219.6	235.5	246.7	256.2	151.2
80°	144.8	143.3	144.8	146.4	146.4	152.7	163.9	175.1	184.6	184.6	103.4
82.5°	101.8	98.7	101.8	101.8	101.8	105.0	111.4	114.6	120.9	125.7	65.2
85°	63.7	63.7	63.7	65.2	63.7	66.8	68.4	71.6	71.6	68.4	39.7
87.5°	41.4	39.7	41.4	39.7	39.7	38.2	38.2	38.2	36.6	35.0	22.2
90°	9.4	9.4	9.4	9.4	9.4	12.5	16.8	18.9	16.2	10.9	7.0
92.5°	37.7	30.3	37.7	45.3	47.1	66.8	93.1	106.2	93.3	67.4	47.9
95°	131.7	109.0	131.7	154.4	160.1	210.3	277.2	310.6	262.3	165.7	93.3
97.5°	315.6	272.4	315.6	358.8	369.6	401.3	443.7	464.8	384.3	223.3	102.5
100°	454.7	403.2	454.7	506.3	519.1	516.8	513.7	512.2	422.9	244.2	110.3
102.5°	591.6	547.4	591.6	635.7	646.7	606.3	552.5	525.6	435.0	253.8	118.0
105°	766.1	742.3	766.1	789.8	795.7	705.1	584.4	524.0	436.4	260.9	129.4
107.5°	880.2	886.0	880.2	874.5	873.1	746.8	578.4	494.2	416.9	262.3	146.2
110°	923.9	948.6	923.9	899.2	893.0	751.8	563.5	469.4	399.7	260.3	155.6



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	927.8	965.7	927.8	889.8	880.3	735.9	543.2	446.9	384.7	260.3	167.1
115°	903.1	955.8	903.1	850.5	837.4	698.2	512.6	419.8	367.5	262.7	184.2
117.5°	851.0	909.4	851.0	792.6	778.0	652.4	484.9	401.2	356.7	267.6	200.8
120°	808.9	865.7	808.9	752.3	738.0	623.3	470.2	393.7	353.0	271.6	210.5
122.5°	768.1	824.0	768.1	712.1	698.1	594.8	456.9	388.0	351.1	277.3	221.9
125°	709.6	761.2	709.6	658.1	645.2	557.4	440.4	381.8	349.5	285.0	236.6
127.5°	657.1	700.6	657.1	613.6	602.7	527.3	426.9	376.6	348.7	292.7	250.8
130°	626.2	666.3	626.2	586.0	576.0	508.9	419.3	374.6	349.1	298.3	260.2
132.5°	598.1	634.0	598.1	562.1	553.1	493.0	413.0	372.9	349.5	302.9	267.9
135°	559.6	590.6	559.6	528.6	520.8	470.6	403.5	369.9	349.2	307.9	276.8
137.5°	528.8	554.2	528.8	503.3	497.0	454.4	397.7	369.4	351.3	315.3	288.2
140°	507.5	531.3	507.5	483.8	477.9	441.2	392.2	367.7	351.7	319.8	295.9
142.5°	490.0	510.4	490.0	469.6	464.5	432.2	389.2	367.7	353.0	323.6	301.6
145°	463.7	479.2	463.7	448.2	444.4	418.0	382.8	365.2	353.0	328.7	310.4
147.5°	443.5	456.3	443.5	430.7	427.5	406.7	379.0	365.2	355.4	335.9	321.3
150°	430.8	441.2	430.8	420.4	417.8	400.3	376.9	365.2	356.7	339.7	327.0
152.5°	419.9	427.8	419.9	412.0	410.1	395.2	375.2	365.2	357.5	342.2	330.7
155°	407.4	412.6	407.4	402.2	400.9	389.1	373.2	365.2	359.3	347.6	338.9
157.5°	397.6	401.2	397.6	393.9	393.0	383.8	371.4	365.2	361.2	353.1	347.1
160°	391.6	393.7	391.6	389.5	389.1	381.1	370.5	365.2	362.0	355.6	350.8
162.5°	387.8	389.8	387.8	385.8	385.3	378.6	369.7	365.2	362.9	358.2	354.8
165°	382.2	384.3	382.2	380.1	379.6	374.8	368.4	365.2	364.2	362.1	360.5
167.5°	378.2	379.1	378.2	377.3	377.1	374.0	369.8	367.7	366.8	365.0	363.7
170°	377.1	377.1	377.1	377.1	377.1	374.0	369.8	367.7	367.6	367.5	367.5
172.5°	374.1	373.4	374.1	374.9	375.1	372.6	369.3	367.7	367.7	367.7	367.7
175°	372.4	372.4	372.4	372.4	372.4	370.8	368.7	367.7	368.2	369.2	369.9
177.5°	370.8	369.9	370.8	371.6	371.9	370.7	369.0	368.2	368.6	369.4	369.9
180°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1705.9	1696.3	1696.3	1680.4	1674.0	1669.3	1661.3	1637.4	1631.1	1624.7	1634.3
5°	1720.2	1702.7	1689.9	1661.3	1637.4	1627.9	1597.6	1540.4	1502.2	1473.5	1457.6
7.5°	1723.4	1701.1	1677.2	1632.7	1575.4	1549.9	1457.6	1352.6	1324.0	1298.5	1282.6
10°	1720.2	1694.7	1661.3	1594.4	1459.2	1414.6	1322.4	1254.0	1236.5	1231.6	1236.5
12.5°	1709.0	1685.2	1639.0	1527.6	1338.3	1308.0	1254.0	1214.1	1211.0	1219.0	1261.9
15°	1689.9	1667.7	1613.5	1438.5	1271.5	1249.1	1211.0	1196.6	1214.1	1269.9	1398.7
17.5°	1670.9	1645.3	1578.5	1351.0	1220.5	1204.6	1177.5	1206.2	1304.9	1379.6	1422.6
20°	1645.3	1615.2	1538.8	1287.4	1183.9	1169.6	1156.9	1285.8	1360.5	1387.6	1411.4
22.5°	1615.2	1583.4	1484.7	1242.8	1145.7	1134.6	1142.5	1330.3	1360.5	1379.6	1400.4
25°	1575.4	1548.3	1421.0	1207.8	1115.5	1102.8	1133.0	1325.5	1343.0	1347.8	1389.2
27.5°	1538.8	1503.8	1354.2	1176.0	1078.9	1074.1	1141.0	1304.9	1317.6	1322.4	1366.9
30°	1494.2	1441.7	1279.4	1142.5	1040.7	1039.1	1142.5	1279.4	1276.2	1289.0	1333.5
32.5°	1448.0	1349.4	1195.0	1101.2	1004.1	1002.5	1131.4	1241.2	1238.0	1255.5	1289.0
35°	1405.1	1277.8	1080.5	1053.5	958.0	959.5	1104.4	1196.6	1198.2	1214.1	1234.9
37.5°	1360.5	1215.7	954.8	1000.9	913.4	913.4	1067.7	1155.3	1152.1	1156.9	1185.5
40°	1308.0	1118.7	843.4	932.5	872.1	867.2	1023.2	1110.7	1099.5	1098.0	1137.8
42.5°	1252.4	1012.0	760.6	841.8	824.3	817.9	969.1	1056.6	1036.0	1040.7	1091.6
45°	1191.9	983.4	697.0	711.3	775.0	770.2	910.2	994.5	980.2	993.0	1045.5
47.5°	1131.4	926.1	676.3	590.4	722.5	720.9	845.0	934.0	926.1	938.9	994.5
50°	1048.6	862.5	674.7	506.1	663.6	669.9	767.0	875.2	875.2	886.4	945.2
52.5°	942.0	784.5	612.6	458.3	595.1	614.2	698.6	824.3	827.5	838.6	891.1
55°	845.0	703.3	568.1	421.7	514.0	555.4	631.7	771.8	778.1	789.3	837.0
57.5°	755.9	585.6	558.6	378.7	439.2	479.0	572.9	720.9	724.1	733.6	779.7
60°	660.4	423.3	512.4	332.6	374.0	404.1	518.7	660.4	671.5	677.9	717.6
62.5°	552.1	307.1	464.6	300.7	342.2	348.5	474.2	603.1	617.4	622.2	646.1
65°	393.1	257.8	394.7	273.7	308.7	310.3	426.5	544.2	557.0	564.9	582.4
67.5°	265.7	210.1	300.7	248.2	283.2	284.8	380.3	475.8	493.3	499.6	510.8
70°	184.6	140.0	222.8	221.2	254.6	257.8	331.0	413.7	429.7	434.4	440.8
72.5°	135.2	113.0	184.6	198.9	224.4	227.6	280.1	343.7	359.7	364.4	367.6
75°	103.4	119.3	149.6	173.4	191.0	192.6	229.2	280.1	291.2	294.4	296.0
77.5°	82.7	111.4	109.8	140.0	155.9	152.7	179.8	216.4	226.0	226.0	226.0
80°	62.1	87.5	82.7	100.2	114.6	111.4	128.9	154.3	157.5	160.7	159.2
82.5°	46.2	55.7	55.7	63.7	76.4	73.2	85.9	100.2	100.2	100.2	103.4
85°	28.7	31.8	25.5	33.4	43.0	41.4	47.8	54.1	55.7	55.7	52.5
87.5°	17.5	14.3	7.9	12.8	19.1	19.1	22.2	23.8	22.2	22.2	22.2
90°	6.5	4.5	2.5	4.5	6.5	7.0	10.9	16.2	18.9	16.8	12.5
92.5°	43.7	26.8	10.0	26.8	43.7	47.9	67.4	93.3	106.2	93.1	66.8
95°	85.6	54.7	23.8	54.7	85.6	93.3	165.7	262.3	310.6	277.2	210.3
97.5°	95.7	68.5	41.2	68.5	95.7	102.5	223.3	384.3	464.8	443.7	401.3
100°	104.1	79.3	54.6	79.3	104.1	110.3	244.2	422.9	512.2	513.7	516.8
102.5°	112.2	89.1	66.0	89.1	112.2	118.0	253.8	435.0	525.6	552.5	606.3
105°	124.5	105.0	85.4	105.0	124.5	129.4	260.9	436.4	524.0	584.4	705.1
107.5°	141.6	123.5	105.3	123.5	141.6	146.2	262.3	416.9	494.2	578.4	746.8
110°	151.5	135.1	118.7	135.1	151.5	155.6	260.3	399.7	469.4	563.5	751.8



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	163.2	147.5	131.9	147.5	163.2	167.1	260.3	384.7	446.9	543.2	735.9
115°	180.6	166.1	151.7	166.1	180.6	184.2	262.7	367.5	419.8	512.6	698.2
117.5°	197.5	184.4	171.3	184.4	197.5	200.8	267.6	356.7	401.2	484.9	652.4
120°	207.4	195.0	182.7	195.0	207.4	210.5	271.6	353.0	393.7	470.2	623.3
122.5°	218.8	206.4	193.9	206.4	218.8	221.9	277.3	351.1	388.0	456.9	594.8
125°	233.8	222.4	211.0	222.4	233.8	236.6	285.0	349.5	381.8	440.4	557.4
127.5°	247.9	236.4	224.9	236.4	247.9	250.8	292.7	348.7	376.6	426.9	527.3
130°	257.1	244.8	232.4	244.8	257.1	260.2	298.3	349.1	374.6	419.3	508.9
132.5°	264.8	252.5	240.1	252.5	264.8	267.9	302.9	349.5	372.9	413.0	493.0
135°	274.0	262.7	251.5	262.7	274.0	276.8	307.9	349.2	369.9	403.5	470.6
137.5°	285.4	274.3	263.1	274.3	285.4	288.2	315.3	351.3	369.4	397.7	454.4
140°	293.3	283.1	272.9	283.1	293.3	295.9	319.8	351.7	367.7	392.2	441.2
142.5°	299.2	289.7	280.2	289.7	299.2	301.6	323.6	353.0	367.7	389.2	432.2
145°	308.3	300.0	291.7	300.0	308.3	310.4	328.7	353.0	365.2	382.8	418.0
147.5°	319.3	311.2	303.1	311.2	319.3	321.3	335.9	355.4	365.2	379.0	406.7
150°	325.1	317.9	310.6	317.9	325.1	327.0	339.7	356.7	365.2	376.9	400.3
152.5°	329.3	323.8	318.2	323.8	329.3	330.7	342.2	357.5	365.2	375.2	395.2
155°	337.8	333.8	329.7	333.8	337.8	338.9	347.6	359.3	365.2	373.2	389.1
157.5°	346.1	342.1	338.1	342.1	346.1	347.1	353.1	361.2	365.2	371.4	383.8
160°	349.9	346.9	343.8	346.9	349.9	350.8	355.6	362.0	365.2	370.5	381.1
162.5°	354.2	351.9	349.5	351.9	354.2	354.8	358.2	362.9	365.2	369.7	378.6
165°	359.9	357.8	355.7	357.8	359.9	360.5	362.1	364.2	365.2	368.4	374.8
167.5°	363.4	362.4	361.4	362.4	363.4	363.7	365.0	366.8	367.7	369.8	374.0
170°	367.2	366.2	365.2	366.2	367.2	367.5	367.5	367.6	367.7	369.8	374.0
172.5°	367.6	367.5	367.2	367.5	367.6	367.7	367.7	367.7	367.7	369.3	372.6
175°	369.9	369.9	369.9	369.9	369.9	369.9	369.2	368.2	367.7	368.7	370.8
177.5°	369.9	369.9	369.9	369.9	369.9	369.9	369.4	368.6	368.2	369.0	370.7
180°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9



TEST NUMBER: P934451
 CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1623.1	1618.4	1624.7	1607.2	1624.7	1618.4	1623.1	1634.3	1624.7	1631.1	1637.4
5°	1424.2	1416.3	1390.8	1370.1	1390.8	1416.3	1424.2	1457.6	1473.5	1502.2	1540.4
7.5°	1273.0	1266.7	1260.3	1247.5	1260.3	1266.7	1273.0	1282.6	1298.5	1324.0	1352.6
10°	1239.6	1241.2	1250.8	1249.1	1250.8	1241.2	1239.6	1236.5	1231.6	1236.5	1254.0
12.5°	1325.5	1339.9	1392.4	1389.2	1392.4	1339.9	1325.5	1261.9	1219.0	1211.0	1214.1
15°	1424.2	1428.9	1440.1	1441.7	1440.1	1428.9	1424.2	1398.7	1269.9	1214.1	1196.6
17.5°	1433.8	1435.4	1443.3	1443.3	1443.3	1435.4	1433.8	1422.6	1379.6	1304.9	1206.2
20°	1425.8	1428.9	1444.9	1448.0	1444.9	1428.9	1425.8	1411.4	1387.6	1360.5	1285.8
22.5°	1422.6	1428.9	1441.7	1440.1	1441.7	1428.9	1422.6	1400.4	1379.6	1360.5	1330.3
25°	1406.7	1406.7	1408.3	1409.9	1408.3	1406.7	1406.7	1389.2	1347.8	1343.0	1325.5
27.5°	1373.3	1376.4	1386.0	1384.5	1386.0	1376.4	1373.3	1366.9	1322.4	1317.6	1304.9
30°	1343.0	1339.9	1331.9	1325.5	1331.9	1339.9	1343.0	1333.5	1289.0	1276.2	1279.4
32.5°	1292.1	1284.2	1276.2	1271.5	1276.2	1284.2	1292.1	1289.0	1255.5	1238.0	1241.2
35°	1231.6	1233.2	1231.6	1226.9	1231.6	1233.2	1231.6	1234.9	1214.1	1198.2	1196.6
37.5°	1188.7	1191.9	1190.3	1183.9	1190.3	1191.9	1188.7	1185.5	1156.9	1152.1	1155.3
40°	1144.1	1145.7	1144.1	1139.4	1144.1	1145.7	1144.1	1137.8	1098.0	1099.5	1110.7
42.5°	1101.2	1099.5	1094.8	1091.6	1094.8	1099.5	1101.2	1091.6	1040.7	1036.0	1056.6
45°	1051.8	1053.5	1043.9	1039.1	1043.9	1053.5	1051.8	1045.5	993.0	980.2	994.5
47.5°	1002.5	1002.5	994.5	989.8	994.5	1002.5	1002.5	994.5	938.9	926.1	934.0
50°	950.0	948.4	937.3	935.7	937.3	948.4	950.0	945.2	886.4	875.2	875.2
52.5°	889.6	889.6	891.1	894.3	891.1	889.6	889.6	891.1	838.6	827.5	824.3
55°	837.0	838.6	849.7	852.9	849.7	838.6	837.0	837.0	789.3	778.1	771.8
57.5°	782.9	782.9	790.9	790.9	790.9	782.9	782.9	779.7	733.6	724.1	720.9
60°	720.9	724.1	730.4	728.8	730.4	724.1	720.9	717.6	677.9	671.5	660.4
62.5°	655.6	658.8	660.4	657.2	660.4	658.8	655.6	646.1	622.2	617.4	603.1
65°	587.2	590.4	592.0	588.8	592.0	590.4	587.2	582.4	564.9	557.0	544.2
67.5°	517.1	515.6	514.0	520.3	514.0	515.6	517.1	510.8	499.6	493.3	475.8
70°	445.6	445.6	444.0	447.1	444.0	445.6	445.6	440.8	434.4	429.7	413.7
72.5°	369.1	367.6	374.0	369.1	374.0	367.6	369.1	367.6	364.4	359.7	343.7
75°	294.4	297.6	294.4	299.2	294.4	297.6	294.4	296.0	294.4	291.2	280.1
77.5°	224.4	227.6	224.4	224.4	224.4	227.6	224.4	226.0	226.0	226.0	216.4
80°	159.2	157.5	157.5	155.9	157.5	157.5	159.2	159.2	160.7	157.5	154.3
82.5°	101.8	100.2	100.2	103.4	100.2	100.2	101.8	103.4	100.2	100.2	100.2
85°	55.7	57.3	54.1	54.1	54.1	57.3	55.7	52.5	55.7	55.7	54.1
87.5°	20.7	19.1	19.1	19.1	19.1	19.1	20.7	22.2	22.2	22.2	23.8
90°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	12.5	16.8	18.9	16.2
92.5°	47.1	45.3	37.7	30.3	37.7	45.3	47.1	66.8	93.1	106.2	93.3
95°	160.1	154.4	131.7	109.0	131.7	154.4	160.1	210.3	277.2	310.6	262.3
97.5°	369.6	358.8	315.6	272.4	315.6	358.8	369.6	401.3	443.7	464.8	384.3
100°	519.1	506.3	454.7	403.2	454.7	506.3	519.1	516.8	513.7	512.2	422.9
102.5°	646.7	635.7	591.6	547.4	591.6	635.7	646.7	606.3	552.5	525.6	435.0
105°	795.7	789.8	766.1	742.3	766.1	789.8	795.7	705.1	584.4	524.0	436.4
107.5°	873.1	874.5	880.2	886.0	880.2	874.5	873.1	746.8	578.4	494.2	416.9
110°	893.0	899.2	923.9	948.6	923.9	899.2	893.0	751.8	563.5	469.4	399.7



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	880.3	889.8	927.8	965.7	927.8	889.8	880.3	735.9	543.2	446.9	384.7
115°	837.4	850.5	903.1	955.8	903.1	850.5	837.4	698.2	512.6	419.8	367.5
117.5°	778.0	792.6	851.0	909.4	851.0	792.6	778.0	652.4	484.9	401.2	356.7
120°	738.0	752.3	808.9	865.7	808.9	752.3	738.0	623.3	470.2	393.7	353.0
122.5°	698.1	712.1	768.1	824.0	768.1	712.1	698.1	594.8	456.9	388.0	351.1
125°	645.2	658.1	709.6	761.2	709.6	658.1	645.2	557.4	440.4	381.8	349.5
127.5°	602.7	613.6	657.1	700.6	657.1	613.6	602.7	527.3	426.9	376.6	348.7
130°	576.0	586.0	626.2	666.3	626.2	586.0	576.0	508.9	419.3	374.6	349.1
132.5°	553.1	562.1	598.1	634.0	598.1	562.1	553.1	493.0	413.0	372.9	349.5
135°	520.8	528.6	559.6	590.6	559.6	528.6	520.8	470.6	403.5	369.9	349.2
137.5°	497.0	503.3	528.8	554.2	528.8	503.3	497.0	454.4	397.7	369.4	351.3
140°	477.9	483.8	507.5	531.3	507.5	483.8	477.9	441.2	392.2	367.7	351.7
142.5°	464.5	469.6	490.0	510.4	490.0	469.6	464.5	432.2	389.2	367.7	353.0
145°	444.4	448.2	463.7	479.2	463.7	448.2	444.4	418.0	382.8	365.2	353.0
147.5°	427.5	430.7	443.5	456.3	443.5	430.7	427.5	406.7	379.0	365.2	355.4
150°	417.8	420.4	430.8	441.2	430.8	420.4	417.8	400.3	376.9	365.2	356.7
152.5°	410.1	412.0	419.9	427.8	419.9	412.0	410.1	395.2	375.2	365.2	357.5
155°	400.9	402.2	407.4	412.6	407.4	402.2	400.9	389.1	373.2	365.2	359.3
157.5°	393.0	393.9	397.6	401.2	397.6	393.9	393.0	383.8	371.4	365.2	361.2
160°	389.1	389.5	391.6	393.7	391.6	389.5	389.1	381.1	370.5	365.2	362.0
162.5°	385.3	385.8	387.8	389.8	387.8	385.8	385.3	378.6	369.7	365.2	362.9
165°	379.6	380.1	382.2	384.3	382.2	380.1	379.6	374.8	368.4	365.2	364.2
167.5°	377.1	377.3	378.2	379.1	378.2	377.3	377.1	374.0	369.8	367.7	366.8
170°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	374.0	369.8	367.7	367.6
172.5°	375.1	374.9	374.1	373.4	374.1	374.9	375.1	372.6	369.3	367.7	367.7
175°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	370.8	368.7	367.7	368.2
177.5°	371.9	371.6	370.8	369.9	370.8	371.6	371.9	370.7	369.0	368.2	368.6
180°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1682.0	1682.0	1682.0	1682.0	1682.0
2.5°	1661.3	1669.3	1674.0	1680.4	1696.3
5°	1597.6	1627.9	1637.4	1661.3	1689.9
7.5°	1457.6	1549.9	1575.4	1632.7	1677.2
10°	1322.4	1414.6	1459.2	1594.4	1661.3
12.5°	1254.0	1308.0	1338.3	1527.6	1639.0
15°	1211.0	1249.1	1271.5	1438.5	1613.5
17.5°	1177.5	1204.6	1220.5	1351.0	1578.5
20°	1156.9	1169.6	1183.9	1287.4	1538.8
22.5°	1142.5	1134.6	1145.7	1242.8	1484.7
25°	1133.0	1102.8	1115.5	1207.8	1421.0
27.5°	1141.0	1074.1	1078.9	1176.0	1354.2
30°	1142.5	1039.1	1040.7	1142.5	1279.4
32.5°	1131.4	1002.5	1004.1	1101.2	1195.0
35°	1104.4	959.5	958.0	1053.5	1080.5
37.5°	1067.7	913.4	913.4	1000.9	954.8
40°	1023.2	867.2	872.1	932.5	843.4
42.5°	969.1	817.9	824.3	841.8	760.6
45°	910.2	770.2	775.0	711.3	697.0
47.5°	845.0	720.9	722.5	590.4	676.3
50°	767.0	669.9	663.6	506.1	674.7
52.5°	698.6	614.2	595.1	458.3	612.6
55°	631.7	555.4	514.0	421.7	568.1
57.5°	572.9	479.0	439.2	378.7	558.6
60°	518.7	404.1	374.0	332.6	512.4
62.5°	474.2	348.5	342.2	300.7	464.6
65°	426.5	310.3	308.7	273.7	394.7
67.5°	380.3	284.8	283.2	248.2	300.7
70°	331.0	257.8	254.6	221.2	222.8
72.5°	280.1	227.6	224.4	198.9	184.6
75°	229.2	192.6	191.0	173.4	149.6
77.5°	179.8	152.7	155.9	140.0	109.8
80°	128.9	111.4	114.6	100.2	82.7
82.5°	85.9	73.2	76.4	63.7	55.7
85°	47.8	41.4	43.0	33.4	25.5
87.5°	22.2	19.1	19.1	12.8	7.9
90°	10.9	7.0	6.5	4.5	2.5
92.5°	67.4	47.9	43.7	26.8	10.0
95°	165.7	93.3	85.6	54.7	23.8
97.5°	223.3	102.5	95.7	68.5	41.2
100°	244.2	110.3	104.1	79.3	54.6
102.5°	253.8	118.0	112.2	89.1	66.0
105°	260.9	129.4	124.5	105.0	85.4
107.5°	262.3	146.2	141.6	123.5	105.3
110°	260.3	155.6	151.5	135.1	118.7



TEST NUMBER: P934451

CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	260.3	167.1	163.2	147.5	131.9
115°	262.7	184.2	180.6	166.1	151.7
117.5°	267.6	200.8	197.5	184.4	171.3
120°	271.6	210.5	207.4	195.0	182.7
122.5°	277.3	221.9	218.8	206.4	193.9
125°	285.0	236.6	233.8	222.4	211.0
127.5°	292.7	250.8	247.9	236.4	224.9
130°	298.3	260.2	257.1	244.8	232.4
132.5°	302.9	267.9	264.8	252.5	240.1
135°	307.9	276.8	274.0	262.7	251.5
137.5°	315.3	288.2	285.4	274.3	263.1
140°	319.8	295.9	293.3	283.1	272.9
142.5°	323.6	301.6	299.2	289.7	280.2
145°	328.7	310.4	308.3	300.0	291.7
147.5°	335.9	321.3	319.3	311.2	303.1
150°	339.7	327.0	325.1	317.9	310.6
152.5°	342.2	330.7	329.3	323.8	318.2
155°	347.6	338.9	337.8	333.8	329.7
157.5°	353.1	347.1	346.1	342.1	338.1
160°	355.6	350.8	349.9	346.9	343.8
162.5°	358.2	354.8	354.2	351.9	349.5
165°	362.1	360.5	359.9	357.8	355.7
167.5°	365.0	363.7	363.4	362.4	361.4
170°	367.5	367.5	367.2	366.2	365.2
172.5°	367.7	367.7	367.6	367.5	367.2
175°	369.2	369.9	369.9	369.9	369.9
177.5°	369.4	369.9	369.9	369.9	369.9
180°	369.9	369.9	369.9	369.9	369.9



TEST NUMBER: P934451
 CATALOG NUMBER: SQ4-FA-050U-100D-930-1D-UNV-STD-W-6

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	14.18	15.19	15.00	16.04	17.08	17.01	18.02	17.83	18.86	19.91
	3H	14.67	15.58	15.51	16.43	17.51	18.36	19.27	19.20	20.12	21.20
	4H	14.87	15.72	15.72	16.59	17.67	18.81	19.67	19.66	20.53	21.61
	6H	15.00	15.78	15.86	16.65	17.75	19.10	19.89	19.97	20.76	21.86
	8H	15.00	15.75	15.87	16.64	17.74	19.18	19.93	20.05	20.82	21.92
	12H	14.98	15.69	15.86	16.57	17.70	19.22	19.94	20.10	20.82	21.95
4H	2H	15.23	16.09	16.09	16.95	18.03	17.44	18.29	18.29	19.15	20.24
	3H	16.27	16.99	17.14	17.88	18.98	18.95	19.67	19.82	20.56	21.66
	4H	16.56	17.20	17.44	18.09	19.22	19.49	20.13	20.37	21.02	22.15
	6H	16.69	17.25	17.58	18.16	19.29	19.86	20.42	20.75	21.33	22.46
	8H	16.70	17.22	17.60	18.13	19.27	19.97	20.49	20.87	21.40	22.54
	12H	16.67	17.14	17.59	18.07	19.22	20.03	20.50	20.95	21.43	22.58
8H	4H	17.02	17.54	17.92	18.45	19.60	19.62	20.15	20.52	21.05	22.20
	6H	17.29	17.72	18.21	18.67	19.82	20.06	20.50	20.99	21.45	22.59
	8H	17.33	17.72	18.27	18.66	19.82	20.22	20.60	21.15	21.54	22.70
	12H	17.32	17.66	18.26	18.60	19.81	20.32	20.66	21.26	21.59	22.80
12H	4H	17.03	17.50	17.95	18.43	19.58	19.59	20.07	20.51	20.99	22.14
	6H	17.35	17.73	18.28	18.68	19.84	20.06	20.45	21.00	21.39	22.55
	8H	17.42	17.76	18.36	18.70	19.91	20.23	20.57	21.17	21.50	22.71