

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: P934372

Luminaire Tested: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934372
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-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

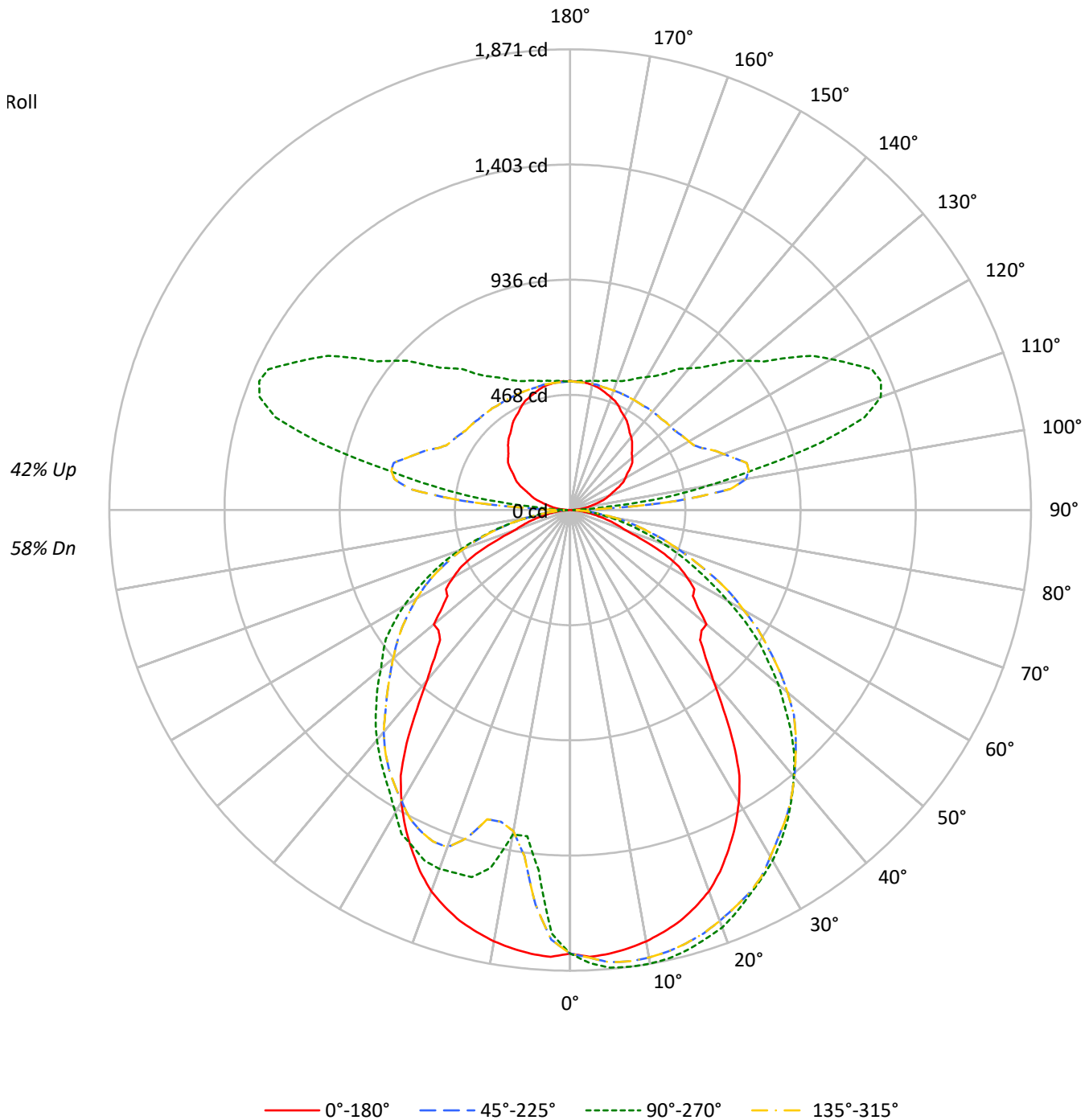
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8064.2 lumens
Efficiency: N/A
Efficacy: 110.8 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: P934372
CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

Luminous Intensity Polar Plot





TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-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
1	100	95	91	88	93	89	86	83	77	75	72	66	64	63	56	55	54	49			49
2	91	83	77	72	84	78	72	68	68	63	60	58	55	52	49	47	45	41			41
3	83	73	66	60	77	68	62	57	60	55	50	51	48	44	44	41	39	35			35
4	76	65	57	51	70	61	54	48	53	47	43	46	41	38	39	36	33	30			30
5	70	58	49	43	65	54	47	41	47	42	37	41	37	33	35	32	29	26			26
6	64	52	44	38	60	49	41	36	43	37	32	37	32	29	32	28	25	23			23
7	59	47	39	33	55	44	37	31	39	33	28	34	29	25	29	25	23	20			20
8	55	42	35	29	51	40	33	28	35	29	25	31	26	23	27	23	20	18			18
9	51	39	31	26	48	37	30	25	32	27	23	28	24	20	25	21	18	16			16
10	48	36	28	23	45	34	27	22	30	24	20	26	22	18	23	19	17	15			15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8356	8356	8356	8356
5°	8419	8435	8419	6633
10°	8362	8309	8362	5940
15°	8271	8129	8271	6788
20°	8098	7916	8098	6802
25°	7744	7605	7744	6658
30°	7286	7347	7286	6341
35°	6496	7020	6496	5994
40°	5413	6635	5413	5731
45°	4837	6185	4837	5428
50°	5138	5648	5138	5126
55°	4834	5070	4834	4950
60°	4984	4306	4984	4534
65°	4518	3560	4518	3979
70°	3129	2837	3129	3335
75°	2744	2097	2744	2511
80°	2211	1387	2211	1510
85°	1272	735	1272	624

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7412 cd/sqm



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.6	2.0
10°-20°	461.6	5.7
20°-30°	713.5	8.8
30°-40°	851.8	10.6
40°-50°	856.8	10.6
50°-60°	745.6	9.2
60°-70°	528.6	6.6
70°-80°	279.7	3.5
80°-90°	71.7	0.9
90°-100°	255.1	3.2
100°-110°	670.6	8.3
110°-120°	695.4	8.6
120°-130°	557.8	6.9
130°-140°	437.7	5.4
140°-150°	335.9	4.2
150°-160°	241.9	3.0
160°-170°	148.0	1.8
170°-180°	50.0	0.6
0°-30°	1337.7	16.6
0°-40°	2189.5	27.2
0°-60°	3791.9	47.0
0°-90°	4671.8	57.9
90°-120°	1621.1	20.1
90°-150°	2952.4	36.6
90°-180°	3392.0	42.1
0°-180°	8064.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1801	1801	1801	1801	1801	
5°	1810	1866	1810	1467	1810	172
15°	1728	1849	1728	1544	1728	486
25°	1522	1724	1522	1510	1522	699
35°	1157	1539	1157	1314	1157	716
45°	746	1268	746	1113	746	598
55°	608	936	608	913	608	559
65°	423	564	423	630	423	404
75°	160	268	160	320	160	168
85°	27	68	27	58	27	37
90°	4	13	4	13	4	4
95°	34	154	34	154	34	37
105°	121	1050	121	1050	121	128
115°	215	1352	215	1352	215	212
125°	298	1077	298	1077	298	265
135°	356	836	356	836	356	275
145°	413	678	413	678	413	259
155°	466	584	466	584	466	214
165°	503	544	503	544	503	142
175°	523	527	523	527	523	50
180°	523	523	523	523	523	



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1816.4	1816.4	1826.6	1830.0	1830.0	1824.9	1819.8	1824.9	1840.2	1845.3	1843.6
5°	1809.6	1823.2	1841.9	1845.3	1848.8	1847.1	1843.6	1847.1	1864.1	1867.5	1869.2
7.5°	1795.9	1821.5	1845.3	1850.5	1855.6	1850.5	1848.8	1852.2	1869.2	1872.6	1872.6
10°	1778.9	1814.7	1841.9	1845.3	1850.5	1845.3	1845.3	1852.2	1869.2	1872.6	1874.3
12.5°	1755.0	1804.5	1830.0	1833.4	1840.2	1838.5	1836.8	1843.6	1860.7	1864.1	1864.1
15°	1727.8	1785.7	1809.6	1813.0	1824.9	1821.5	1821.5	1828.3	1847.1	1852.2	1850.5
17.5°	1690.3	1761.9	1789.1	1794.2	1802.7	1801.0	1802.7	1809.6	1826.6	1830.0	1831.7
20°	1647.7	1729.5	1761.9	1767.0	1775.5	1775.5	1775.5	1784.0	1801.0	1807.9	1807.9
22.5°	1589.7	1695.4	1729.5	1732.9	1743.1	1743.1	1746.5	1758.4	1773.8	1775.5	1775.5
25°	1521.6	1657.9	1686.9	1697.1	1707.3	1712.4	1717.5	1724.4	1729.5	1727.8	1729.5
27.5°	1450.0	1610.2	1647.7	1654.5	1668.1	1673.2	1680.1	1681.8	1683.5	1688.6	1685.2
30°	1369.9	1543.7	1600.0	1606.8	1628.9	1632.3	1625.5	1628.9	1637.5	1640.9	1644.3
32.5°	1279.6	1444.9	1550.6	1565.9	1586.3	1576.1	1574.4	1579.5	1593.2	1593.2	1596.6
35°	1156.9	1368.2	1504.5	1518.2	1533.5	1521.6	1528.4	1530.1	1538.6	1543.7	1542.0
37.5°	1022.3	1301.8	1456.8	1467.1	1479.0	1463.7	1473.9	1479.0	1485.8	1482.4	1482.4
40°	903.1	1197.8	1400.6	1407.4	1417.6	1405.7	1415.9	1419.3	1422.8	1419.3	1417.6
42.5°	814.5	1083.7	1341.0	1349.5	1342.7	1351.2	1354.6	1361.4	1356.3	1349.5	1349.5
45°	746.4	1053.0	1276.2	1286.4	1276.2	1289.8	1295.0	1295.0	1279.6	1276.2	1274.5
47.5°	724.2	991.7	1211.5	1211.5	1206.3	1223.4	1231.9	1220.0	1204.6	1199.5	1199.5
50°	722.5	923.6	1122.9	1116.0	1139.9	1160.3	1151.8	1139.9	1128.0	1109.2	1109.2
52.5°	656.0	840.1	1008.8	1034.2	1071.7	1083.7	1070.0	1058.1	1037.7	1029.1	1022.3
55°	608.3	753.2	904.8	955.9	995.1	1010.5	984.9	973.0	942.3	937.2	933.8
57.5°	598.1	627.1	809.4	874.2	921.9	920.2	904.8	882.7	857.1	852.0	850.3
60°	548.7	453.3	707.2	783.8	833.3	828.1	814.5	794.1	770.2	766.8	763.4
62.5°	497.6	328.9	591.3	678.2	748.1	746.4	734.4	703.8	686.7	678.2	671.4
65°	422.6	276.0	420.9	564.0	664.6	668.0	642.4	620.3	601.5	591.3	589.6
67.5°	322.1	224.9	284.6	470.3	584.5	581.1	548.7	538.5	514.6	509.5	499.3
70°	238.6	150.0	197.7	381.7	506.1	497.6	472.0	460.1	437.9	426.0	419.2
72.5°	197.7	121.0	144.8	296.5	426.0	415.8	393.6	380.0	361.2	351.0	344.2
75°	160.2	127.8	110.8	219.8	345.9	339.1	318.6	305.0	289.7	276.0	277.8
77.5°	117.6	119.3	88.6	161.9	274.3	264.1	252.2	235.2	228.3	214.7	214.7
80°	88.6	93.7	66.5	110.8	197.7	197.7	187.4	175.5	163.6	156.8	156.8
82.5°	59.6	59.6	49.4	69.9	134.6	129.5	122.7	119.3	112.5	109.1	109.1
85°	27.3	34.1	30.7	42.6	73.3	76.7	76.7	73.3	71.6	68.2	69.9
87.5°	8.5	15.3	18.7	23.9	37.5	39.2	40.9	40.9	40.9	42.6	42.6
90°	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8	13.4	13.4
92.5°	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6	66.7	64.1
95°	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5	226.5	218.5
97.5°	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8	523.0	507.6
100°	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1	734.3	716.1
102.5°	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8	914.9	899.3
105°	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6	1125.7	1117.2
107.5°	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6	1235.2	1237.3
110°	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6	1263.3	1272.0



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0	1245.4	1258.8
115°	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7	1184.6	1203.2
117.5°	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0	1100.7	1121.3
120°	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7	1044.1	1064.1
122.5°	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4	987.6	1007.4
125°	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6	912.8	931.1
127.5°	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1	852.8	868.1
130°	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9	814.8	829.0
132.5°	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5	782.5	795.2
135°	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7	736.8	747.8
137.5°	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0	703.2	712.1
140°	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1	676.1	684.4
142.5°	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5	657.1	664.4
145°	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4	628.7	634.1
147.5°	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4	604.7	609.3
150°	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3	591.1	594.8
152.5°	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0	580.2	583.0
155°	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3	567.2	569.1
157.5°	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8	555.9	557.2
160°	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1	550.3	551.1
162.5°	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7	545.1	545.8
165°	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2	537.0	537.8
167.5°	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1	533.5	533.9
170°	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1	533.5	533.5
172.5°	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2	530.7	530.5
175°	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6	526.8	526.8
177.5°	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3	526.1	525.8
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1847.1	1841.9	1847.1	1843.6	1845.3	1840.2	1824.9	1819.8	1824.9	1830.0	1830.0
5°	1869.2	1865.8	1869.2	1869.2	1867.5	1864.1	1847.1	1843.6	1847.1	1848.8	1845.3
7.5°	1876.0	1870.9	1876.0	1872.6	1872.6	1869.2	1852.2	1848.8	1850.5	1855.6	1850.5
10°	1876.0	1870.9	1876.0	1874.3	1872.6	1869.2	1852.2	1845.3	1845.3	1850.5	1845.3
12.5°	1867.5	1864.1	1867.5	1864.1	1864.1	1860.7	1843.6	1836.8	1838.5	1840.2	1833.4
15°	1853.9	1848.8	1853.9	1850.5	1852.2	1847.1	1828.3	1821.5	1821.5	1824.9	1813.0
17.5°	1833.4	1826.6	1833.4	1831.7	1830.0	1826.6	1809.6	1802.7	1801.0	1802.7	1794.2
20°	1809.6	1804.5	1809.6	1807.9	1807.9	1801.0	1784.0	1775.5	1775.5	1775.5	1767.0
22.5°	1772.1	1767.0	1772.1	1775.5	1775.5	1773.8	1758.4	1746.5	1743.1	1743.1	1732.9
25°	1729.5	1724.4	1729.5	1729.5	1727.8	1729.5	1724.4	1717.5	1712.4	1707.3	1697.1
27.5°	1688.6	1685.2	1688.6	1685.2	1688.6	1683.5	1681.8	1680.1	1673.2	1668.1	1654.5
30°	1647.7	1644.3	1647.7	1644.3	1640.9	1637.5	1628.9	1625.5	1632.3	1628.9	1606.8
32.5°	1596.6	1593.2	1596.6	1596.6	1593.2	1593.2	1579.5	1574.4	1576.1	1586.3	1565.9
35°	1543.7	1538.6	1543.7	1542.0	1543.7	1538.6	1530.1	1528.4	1521.6	1533.5	1518.2
37.5°	1482.4	1477.3	1482.4	1482.4	1482.4	1485.8	1479.0	1473.9	1463.7	1479.0	1467.1
40°	1419.3	1412.5	1419.3	1417.6	1419.3	1422.8	1419.3	1415.9	1405.7	1417.6	1407.4
42.5°	1347.8	1346.1	1347.8	1349.5	1349.5	1356.3	1361.4	1354.6	1351.2	1342.7	1349.5
45°	1271.1	1267.7	1271.1	1274.5	1276.2	1279.6	1295.0	1295.0	1289.8	1276.2	1286.4
47.5°	1189.3	1180.8	1189.3	1199.5	1199.5	1204.6	1220.0	1231.9	1223.4	1206.3	1211.5
50°	1102.4	1104.1	1102.4	1109.2	1109.2	1128.0	1139.9	1151.8	1160.3	1139.9	1116.0
52.5°	1017.2	1015.6	1017.2	1022.3	1029.1	1037.7	1058.1	1070.0	1083.7	1071.7	1034.2
55°	932.1	935.5	932.1	933.8	937.2	942.3	973.0	984.9	1010.5	995.1	955.9
57.5°	846.9	841.8	846.9	850.3	852.0	857.1	882.7	904.8	920.2	921.9	874.2
60°	748.1	741.2	748.1	763.4	766.8	770.2	794.1	814.5	828.1	833.3	783.8
62.5°	661.2	649.2	661.2	671.4	678.2	686.7	703.8	734.4	746.4	748.1	678.2
65°	569.1	564.0	569.1	589.6	591.3	601.5	620.3	642.4	668.0	664.6	564.0
67.5°	485.6	485.6	485.6	499.3	509.5	514.6	538.5	548.7	581.1	584.5	470.3
70°	409.0	407.3	409.0	419.2	426.0	437.9	460.1	472.0	497.6	506.1	381.7
72.5°	335.7	334.0	335.7	344.2	351.0	361.2	380.0	393.6	415.8	426.0	296.5
75°	270.9	267.5	270.9	277.8	276.0	289.7	305.0	318.6	339.1	345.9	219.8
77.5°	207.9	207.9	207.9	214.7	214.7	228.3	235.2	252.2	264.1	274.3	161.9
80°	155.1	153.4	155.1	156.8	156.8	163.6	175.5	187.4	197.7	197.7	110.8
82.5°	109.1	105.6	109.1	109.1	109.1	112.5	119.3	122.7	129.5	134.6	69.9
85°	68.2	68.2	68.2	69.9	68.2	71.6	73.3	76.7	76.7	73.3	42.6
87.5°	44.3	42.6	44.3	42.6	42.6	40.9	40.9	40.9	39.2	37.5	23.9
90°	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9	15.4	9.8
92.5°	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0	95.3	67.8
95°	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0	234.5	132.1
97.5°	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6	315.8	145.0
100°	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2	345.5	155.9
102.5°	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4	359.0	166.8
105°	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4	369.2	183.0
107.5°	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8	371.0	206.9
110°	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5	368.2	220.2



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3	368.3	236.3
115°	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9	371.7	260.6
117.5°	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6	378.6	284.1
120°	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4	384.3	297.9
122.5°	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7	392.3	314.0
125°	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5	403.2	334.7
127.5°	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2	414.1	354.7
130°	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0	422.0	368.1
132.5°	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5	428.5	379.0
135°	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0	435.5	391.6
137.5°	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1	446.0	407.8
140°	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6	452.5	418.7
142.5°	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4	457.9	426.7
145°	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4	464.9	439.0
147.5°	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9	475.2	454.5
150°	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6	480.6	462.6
152.5°	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8	484.1	467.8
155°	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4	491.9	479.4
157.5°	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9	499.5	491.0
160°	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1	503.1	496.3
162.5°	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4	506.9	501.9
165°	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1	512.1	509.9
167.5°	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9	516.4	514.5
170°	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1	519.9	519.8
172.5°	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8	522.3	523.3
177.5°	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3	522.4	523.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1826.6	1816.4	1816.4	1799.3	1792.5	1787.4	1778.9	1753.3	1746.5	1739.7	1749.9
5°	1841.9	1823.2	1809.6	1778.9	1753.3	1743.1	1710.7	1649.4	1608.5	1577.8	1560.8
7.5°	1845.3	1821.5	1795.9	1748.2	1686.9	1659.6	1560.8	1448.3	1417.6	1390.4	1373.3
10°	1841.9	1814.7	1778.9	1707.3	1562.5	1514.8	1415.9	1342.7	1323.9	1318.8	1323.9
12.5°	1830.0	1804.5	1755.0	1635.8	1433.0	1400.6	1342.7	1300.1	1296.7	1305.2	1351.2
15°	1809.6	1785.7	1727.8	1540.3	1361.4	1337.6	1296.7	1281.3	1300.1	1359.7	1497.7
17.5°	1789.1	1761.9	1690.3	1446.6	1306.9	1289.8	1260.9	1291.5	1397.2	1477.3	1523.3
20°	1761.9	1729.5	1647.7	1378.5	1267.7	1252.4	1238.7	1376.7	1456.8	1485.8	1511.4
22.5°	1729.5	1695.4	1589.7	1330.7	1226.8	1214.9	1223.4	1424.5	1456.8	1477.3	1499.4
25°	1686.9	1657.9	1521.6	1293.3	1194.4	1180.8	1213.2	1419.3	1438.1	1443.2	1487.5
27.5°	1647.7	1610.2	1450.0	1259.2	1155.2	1150.1	1221.7	1397.2	1410.8	1415.9	1463.7
30°	1600.0	1543.7	1369.9	1223.4	1114.3	1112.6	1223.4	1369.9	1366.5	1380.2	1427.9
32.5°	1550.6	1444.9	1279.6	1179.1	1075.1	1073.4	1211.5	1329.0	1325.6	1344.4	1380.2
35°	1504.5	1368.2	1156.9	1128.0	1025.7	1027.4	1182.5	1281.3	1283.0	1300.1	1322.2
37.5°	1456.8	1301.8	1022.3	1071.7	978.1	978.1	1143.3	1237.0	1233.6	1238.7	1269.4
40°	1400.6	1197.8	903.1	998.5	933.8	928.7	1095.6	1189.3	1177.4	1175.7	1218.3
42.5°	1341.0	1083.7	814.5	901.4	882.7	875.9	1037.7	1131.4	1109.2	1114.3	1168.9
45°	1276.2	1053.0	746.4	761.7	829.8	824.7	974.7	1064.9	1049.6	1063.2	1119.4
47.5°	1211.5	991.7	724.2	632.2	773.6	771.9	904.8	1000.2	991.7	1005.4	1064.9
50°	1122.9	923.6	722.5	541.9	710.6	717.4	821.3	937.2	937.2	949.1	1012.2
52.5°	1008.8	840.1	656.0	490.8	637.3	657.7	748.1	882.7	886.1	898.0	954.2
55°	904.8	753.2	608.3	451.6	550.4	594.7	676.5	826.4	833.3	845.2	896.3
57.5°	809.4	627.1	598.1	405.6	470.3	512.9	613.4	771.9	775.3	785.5	835.0
60°	707.2	453.3	548.7	356.1	400.4	432.8	555.5	707.2	719.1	725.9	768.5
62.5°	591.3	328.9	497.6	322.1	366.4	373.2	507.8	645.8	661.2	666.3	691.8
65°	420.9	276.0	422.6	293.1	330.6	332.3	456.7	582.8	596.4	604.9	623.7
67.5°	284.6	224.9	322.1	265.8	303.3	305.0	407.3	509.5	528.2	535.1	547.0
70°	197.7	150.0	238.6	236.9	272.6	276.0	354.4	443.0	460.1	465.2	472.0
72.5°	144.8	121.0	197.7	213.0	240.3	243.7	299.9	368.1	385.1	390.2	393.6
75°	110.8	127.8	160.2	185.7	204.5	206.2	245.4	299.9	311.8	315.2	316.9
77.5°	88.6	119.3	117.6	150.0	167.0	163.6	192.6	231.7	242.0	242.0	242.0
80°	66.5	93.7	88.6	107.4	122.7	119.3	138.0	165.3	168.7	172.1	170.4
82.5°	49.4	59.6	59.6	68.2	81.8	78.4	92.0	107.4	107.4	107.4	110.8
85°	30.7	34.1	27.3	35.8	46.0	44.3	51.1	57.9	59.6	59.6	56.2
87.5°	18.7	15.3	8.5	13.6	20.4	20.4	23.9	25.6	23.9	23.9	23.9
90°	9.1	6.3	3.5	6.3	9.1	9.8	15.4	22.9	26.7	23.7	17.8
92.5°	61.9	37.9	14.1	37.9	61.9	67.8	95.3	132.0	150.3	131.7	94.6
95°	121.2	77.4	33.7	77.4	121.2	132.1	234.5	371.0	439.4	392.1	297.5
97.5°	135.4	96.8	58.3	96.8	135.4	145.0	315.8	543.6	657.5	627.6	567.8
100°	147.1	112.2	77.3	112.2	147.1	155.9	345.5	598.2	724.5	726.8	731.1
102.5°	158.6	126.1	93.5	126.1	158.6	166.8	359.0	615.4	743.5	781.6	857.8
105°	176.1	148.4	120.8	148.4	176.1	183.0	369.2	617.4	741.4	826.8	997.6
107.5°	200.4	174.7	148.9	174.7	200.4	206.9	371.0	589.8	699.2	818.3	1056.6
110°	214.4	191.1	167.8	191.1	214.4	220.2	368.2	565.5	664.1	797.3	1063.6



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	230.8	208.7	186.5	208.7	230.8	236.3	368.3	544.3	632.2	768.4	1041.0
115°	255.5	235.1	214.6	235.1	255.5	260.6	371.7	519.9	593.9	725.2	987.7
117.5°	279.5	260.9	242.3	260.9	279.5	284.1	378.6	504.6	567.5	686.0	923.0
120°	293.5	276.0	258.5	276.0	293.5	297.9	384.3	499.4	557.0	665.2	881.7
122.5°	309.5	291.9	274.3	291.9	309.5	314.0	392.3	496.7	548.9	646.4	841.4
125°	330.7	314.6	298.5	314.6	330.7	334.7	403.2	494.5	540.2	623.0	788.6
127.5°	350.6	334.4	318.2	334.4	350.6	354.7	414.1	493.2	532.8	603.9	746.1
130°	363.7	346.2	328.7	346.2	363.7	368.1	422.0	494.0	529.9	593.2	719.9
132.5°	374.6	357.1	339.6	357.1	374.6	379.0	428.5	494.5	527.6	584.2	697.5
135°	387.6	371.7	355.8	371.7	387.6	391.6	435.5	494.0	523.3	570.8	665.7
137.5°	403.8	388.1	372.3	388.1	403.8	407.8	446.0	497.1	522.6	562.7	643.0
140°	415.0	400.5	386.0	400.5	415.0	418.7	452.5	497.6	520.1	554.8	624.1
142.5°	423.4	409.9	396.5	409.9	423.4	426.7	457.9	499.4	520.1	550.6	611.5
145°	436.1	424.4	412.7	424.4	436.1	439.0	464.9	499.4	516.7	541.5	591.4
147.5°	451.6	440.2	428.8	440.2	451.6	454.5	475.2	502.9	516.7	536.2	575.4
150°	460.0	449.7	439.4	449.7	460.0	462.6	480.6	504.6	516.7	533.2	566.3
152.5°	465.9	458.1	450.3	458.1	465.9	467.8	484.1	505.8	516.7	530.8	559.0
155°	478.0	472.2	466.4	472.2	478.0	479.4	491.9	508.4	516.7	527.9	550.3
157.5°	489.6	483.9	478.3	483.9	489.6	491.0	499.5	510.9	516.7	525.3	542.8
160°	495.2	490.8	486.4	490.8	495.2	496.3	503.1	512.1	516.7	524.2	539.1
162.5°	501.1	497.8	494.5	497.8	501.1	501.9	506.9	513.4	516.7	523.0	535.7
165°	509.2	506.3	503.3	506.3	509.2	509.9	512.1	515.1	516.7	521.2	530.2
167.5°	514.2	512.7	511.4	512.7	514.2	514.5	516.4	518.9	520.1	523.1	529.1
170°	519.5	518.0	516.7	518.0	519.5	519.8	519.9	520.1	520.1	523.1	529.1
172.5°	520.1	519.8	519.5	519.8	520.1	520.1	520.1	520.1	520.1	522.5	527.2
175°	523.3	523.3	523.3	523.3	523.3	523.3	522.3	520.8	520.1	521.6	524.6
177.5°	523.3	523.3	523.3	523.3	523.3	523.3	522.4	521.3	520.8	522.0	524.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934372
 CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1738.0	1732.9	1739.7	1721.0	1739.7	1732.9	1738.0	1749.9	1739.7	1746.5	1753.3
5°	1525.0	1516.5	1489.2	1467.1	1489.2	1516.5	1525.0	1560.8	1577.8	1608.5	1649.4
7.5°	1363.1	1356.3	1349.5	1335.9	1349.5	1356.3	1363.1	1373.3	1390.4	1417.6	1448.3
10°	1327.3	1329.0	1339.3	1337.6	1339.3	1329.0	1327.3	1323.9	1318.8	1323.9	1342.7
12.5°	1419.3	1434.7	1490.9	1487.5	1490.9	1434.7	1419.3	1351.2	1305.2	1296.7	1300.1
15°	1525.0	1530.1	1542.0	1543.7	1542.0	1530.1	1525.0	1497.7	1359.7	1300.1	1281.3
17.5°	1535.2	1536.9	1545.4	1545.4	1545.4	1536.9	1535.2	1523.3	1477.3	1397.2	1291.5
20°	1526.7	1530.1	1547.1	1550.6	1547.1	1530.1	1526.7	1511.4	1485.8	1456.8	1376.7
22.5°	1523.3	1530.1	1543.7	1542.0	1543.7	1530.1	1523.3	1499.4	1477.3	1456.8	1424.5
25°	1506.3	1506.3	1508.0	1509.7	1508.0	1506.3	1506.3	1487.5	1443.2	1438.1	1419.3
27.5°	1470.5	1473.9	1484.1	1482.4	1484.1	1473.9	1470.5	1463.7	1415.9	1410.8	1397.2
30°	1438.1	1434.7	1426.2	1419.3	1426.2	1434.7	1438.1	1427.9	1380.2	1366.5	1369.9
32.5°	1383.6	1375.0	1366.5	1361.4	1366.5	1375.0	1383.6	1380.2	1344.4	1325.6	1329.0
35°	1318.8	1320.5	1318.8	1313.7	1318.8	1320.5	1318.8	1322.2	1300.1	1283.0	1281.3
37.5°	1272.8	1276.2	1274.5	1267.7	1274.5	1276.2	1272.8	1269.4	1238.7	1233.6	1237.0
40°	1225.1	1226.8	1225.1	1220.0	1225.1	1226.8	1225.1	1218.3	1175.7	1177.4	1189.3
42.5°	1179.1	1177.4	1172.3	1168.9	1172.3	1177.4	1179.1	1168.9	1114.3	1109.2	1131.4
45°	1126.3	1128.0	1117.7	1112.6	1117.7	1128.0	1126.3	1119.4	1063.2	1049.6	1064.9
47.5°	1073.4	1073.4	1064.9	1059.8	1064.9	1073.4	1073.4	1064.9	1005.4	991.7	1000.2
50°	1017.2	1015.6	1003.7	1002.0	1003.7	1015.6	1017.2	1012.2	949.1	937.2	937.2
52.5°	952.5	952.5	954.2	957.6	954.2	952.5	952.5	954.2	898.0	886.1	882.7
55°	896.3	898.0	909.9	913.3	909.9	898.0	896.3	896.3	845.2	833.3	826.4
57.5°	838.4	838.4	846.9	846.9	846.9	838.4	838.4	835.0	785.5	775.3	771.9
60°	771.9	775.3	782.1	780.4	782.1	775.3	771.9	768.5	725.9	719.1	707.2
62.5°	702.0	705.5	707.2	703.8	707.2	705.5	702.0	691.8	666.3	661.2	645.8
65°	628.8	632.2	633.9	630.5	633.9	632.2	628.8	623.7	604.9	596.4	582.8
67.5°	553.8	552.1	550.4	557.2	550.4	552.1	553.8	547.0	535.1	528.2	509.5
70°	477.1	477.1	475.4	478.8	475.4	477.1	477.1	472.0	465.2	460.1	443.0
72.5°	395.3	393.6	400.4	395.3	400.4	393.6	395.3	393.6	390.2	385.1	368.1
75°	315.2	318.6	315.2	320.4	315.2	318.6	315.2	316.9	315.2	311.8	299.9
77.5°	240.3	243.7	240.3	240.3	240.3	243.7	240.3	242.0	242.0	242.0	231.7
80°	170.4	168.7	168.7	167.0	168.7	168.7	170.4	170.4	172.1	168.7	165.3
82.5°	109.1	107.4	107.4	110.8	107.4	107.4	109.1	110.8	107.4	107.4	107.4
85°	59.6	61.3	57.9	57.9	57.9	61.3	59.6	56.2	59.6	59.6	57.9
87.5°	22.2	20.4	20.4	20.4	20.4	20.4	22.2	23.9	23.9	23.9	25.6
90°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	17.8	23.7	26.7	22.9
92.5°	66.7	64.1	53.4	42.9	53.4	64.1	66.7	94.6	131.7	150.3	132.0
95°	226.5	218.5	186.3	154.2	186.3	218.5	226.5	297.5	392.1	439.4	371.0
97.5°	523.0	507.6	446.4	385.3	446.4	507.6	523.0	567.8	627.6	657.5	543.6
100°	734.3	716.1	643.3	570.3	643.3	716.1	734.3	731.1	726.8	724.5	598.2
102.5°	914.9	899.3	836.8	774.4	836.8	899.3	914.9	857.8	781.6	743.5	615.4
105°	1125.7	1117.2	1083.7	1050.1	1083.7	1117.2	1125.7	997.6	826.8	741.4	617.4
107.5°	1235.2	1237.3	1245.4	1253.5	1245.4	1237.3	1235.2	1056.6	818.3	699.2	589.8
110°	1263.3	1272.0	1307.0	1342.0	1307.0	1272.0	1263.3	1063.6	797.3	664.1	565.5



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1245.4	1258.8	1312.5	1366.2	1312.5	1258.8	1245.4	1041.0	768.4	632.2	544.3
115°	1184.6	1203.2	1277.7	1352.1	1277.7	1203.2	1184.6	987.7	725.2	593.9	519.9
117.5°	1100.7	1121.3	1204.0	1286.5	1204.0	1121.3	1100.7	923.0	686.0	567.5	504.6
120°	1044.1	1064.1	1144.4	1224.7	1144.4	1064.1	1044.1	881.7	665.2	557.0	499.4
122.5°	987.6	1007.4	1086.6	1165.7	1086.6	1007.4	987.6	841.4	646.4	548.9	496.7
125°	912.8	931.1	1003.9	1076.8	1003.9	931.1	912.8	788.6	623.0	540.2	494.5
127.5°	852.8	868.1	929.6	991.1	929.6	868.1	852.8	746.1	603.9	532.8	493.2
130°	814.8	829.0	885.8	942.7	885.8	829.0	814.8	719.9	593.2	529.9	494.0
132.5°	782.5	795.2	846.1	897.0	846.1	795.2	782.5	697.5	584.2	527.6	494.5
135°	736.8	747.8	791.7	835.6	791.7	747.8	736.8	665.7	570.8	523.3	494.0
137.5°	703.2	712.1	748.1	783.9	748.1	712.1	703.2	643.0	562.7	522.6	497.1
140°	676.1	684.4	718.0	751.5	718.0	684.4	676.1	624.1	554.8	520.1	497.6
142.5°	657.1	664.4	693.2	722.1	693.2	664.4	657.1	611.5	550.6	520.1	499.4
145°	628.7	634.1	656.0	677.9	656.0	634.1	628.7	591.4	541.5	516.7	499.4
147.5°	604.7	609.3	627.4	645.6	627.4	609.3	604.7	575.4	536.2	516.7	502.9
150°	591.1	594.8	609.4	624.1	609.4	594.8	591.1	566.3	533.2	516.7	504.6
152.5°	580.2	583.0	594.1	605.2	594.1	583.0	580.2	559.0	530.8	516.7	505.8
155°	567.2	569.1	576.4	583.7	576.4	569.1	567.2	550.3	527.9	516.7	508.4
157.5°	555.9	557.2	562.4	567.5	562.4	557.2	555.9	542.8	525.3	516.7	510.9
160°	550.3	551.1	554.1	557.0	554.1	551.1	550.3	539.1	524.2	516.7	512.1
162.5°	545.1	545.8	548.6	551.4	548.6	545.8	545.1	535.7	523.0	516.7	513.4
165°	537.0	537.8	540.7	543.7	540.7	537.8	537.0	530.2	521.2	516.7	515.1
167.5°	533.5	533.9	535.1	536.3	535.1	533.9	533.5	529.1	523.1	520.1	518.9
170°	533.5	533.5	533.5	533.5	533.5	533.5	533.5	529.1	523.1	520.1	520.1
172.5°	530.7	530.5	529.3	528.2	529.3	530.5	530.7	527.2	522.5	520.1	520.1
175°	526.8	526.8	526.8	526.8	526.8	526.8	526.8	524.6	521.6	520.1	520.8
177.5°	526.1	525.8	524.6	523.3	524.6	525.8	526.1	524.3	522.0	520.8	521.3
180°	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1778.9	1787.4	1792.5	1799.3	1816.4
5°	1710.7	1743.1	1753.3	1778.9	1809.6
7.5°	1560.8	1659.6	1686.9	1748.2	1795.9
10°	1415.9	1514.8	1562.5	1707.3	1778.9
12.5°	1342.7	1400.6	1433.0	1635.8	1755.0
15°	1296.7	1337.6	1361.4	1540.3	1727.8
17.5°	1260.9	1289.8	1306.9	1446.6	1690.3
20°	1238.7	1252.4	1267.7	1378.5	1647.7
22.5°	1223.4	1214.9	1226.8	1330.7	1589.7
25°	1213.2	1180.8	1194.4	1293.3	1521.6
27.5°	1221.7	1150.1	1155.2	1259.2	1450.0
30°	1223.4	1112.6	1114.3	1223.4	1369.9
32.5°	1211.5	1073.4	1075.1	1179.1	1279.6
35°	1182.5	1027.4	1025.7	1128.0	1156.9
37.5°	1143.3	978.1	978.1	1071.7	1022.3
40°	1095.6	928.7	933.8	998.5	903.1
42.5°	1037.7	875.9	882.7	901.4	814.5
45°	974.7	824.7	829.8	761.7	746.4
47.5°	904.8	771.9	773.6	632.2	724.2
50°	821.3	717.4	710.6	541.9	722.5
52.5°	748.1	657.7	637.3	490.8	656.0
55°	676.5	594.7	550.4	451.6	608.3
57.5°	613.4	512.9	470.3	405.6	598.1
60°	555.5	432.8	400.4	356.1	548.7
62.5°	507.8	373.2	366.4	322.1	497.6
65°	456.7	332.3	330.6	293.1	422.6
67.5°	407.3	305.0	303.3	265.8	322.1
70°	354.4	276.0	272.6	236.9	238.6
72.5°	299.9	243.7	240.3	213.0	197.7
75°	245.4	206.2	204.5	185.7	160.2
77.5°	192.6	163.6	167.0	150.0	117.6
80°	138.0	119.3	122.7	107.4	88.6
82.5°	92.0	78.4	81.8	68.2	59.6
85°	51.1	44.3	46.0	35.8	27.3
87.5°	23.9	20.4	20.4	13.6	8.5
90°	15.4	9.8	9.1	6.3	3.5
92.5°	95.3	67.8	61.9	37.9	14.1
95°	234.5	132.1	121.2	77.4	33.7
97.5°	315.8	145.0	135.4	96.8	58.3
100°	345.5	155.9	147.1	112.2	77.3
102.5°	359.0	166.8	158.6	126.1	93.5
105°	369.2	183.0	176.1	148.4	120.8
107.5°	371.0	206.9	200.4	174.7	148.9
110°	368.2	220.2	214.4	191.1	167.8



TEST NUMBER: P934372

CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	368.3	236.3	230.8	208.7	186.5
115°	371.7	260.6	255.5	235.1	214.6
117.5°	378.6	284.1	279.5	260.9	242.3
120°	384.3	297.9	293.5	276.0	258.5
122.5°	392.3	314.0	309.5	291.9	274.3
125°	403.2	334.7	330.7	314.6	298.5
127.5°	414.1	354.7	350.6	334.4	318.2
130°	422.0	368.1	363.7	346.2	328.7
132.5°	428.5	379.0	374.6	357.1	339.6
135°	435.5	391.6	387.6	371.7	355.8
137.5°	446.0	407.8	403.8	388.1	372.3
140°	452.5	418.7	415.0	400.5	386.0
142.5°	457.9	426.7	423.4	409.9	396.5
145°	464.9	439.0	436.1	424.4	412.7
147.5°	475.2	454.5	451.6	440.2	428.8
150°	480.6	462.6	460.0	449.7	439.4
152.5°	484.1	467.8	465.9	458.1	450.3
155°	491.9	479.4	478.0	472.2	466.4
157.5°	499.5	491.0	489.6	483.9	478.3
160°	503.1	496.3	495.2	490.8	486.4
162.5°	506.9	501.9	501.1	497.8	494.5
165°	512.1	509.9	509.2	506.3	503.3
167.5°	516.4	514.5	514.2	512.7	511.4
170°	519.9	519.8	519.5	518.0	516.7
172.5°	520.1	520.1	520.1	519.8	519.5
175°	522.3	523.3	523.3	523.3	523.3
177.5°	522.4	523.3	523.3	523.3	523.3
180°	523.3	523.3	523.3	523.3	523.3



TEST NUMBER: P934372
 CATALOG NUMBER: SQ4-FA-050U-075D-935-1D-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	12.89	13.82	13.77	14.73	15.88	15.72	16.66	16.61	17.57	18.72
	3H	13.37	14.21	14.27	15.12	16.30	17.08	17.92	17.98	18.83	20.01
	4H	13.56	14.36	14.48	15.28	16.47	17.53	18.32	18.44	19.24	20.43
	6H	13.69	14.42	14.61	15.35	16.55	17.82	18.55	18.74	19.48	20.68
	8H	13.69	14.39	14.62	15.33	16.53	17.89	18.59	18.83	19.54	20.74
	12H	13.66	14.33	14.60	15.27	16.49	17.94	18.60	18.88	19.54	20.77
4H	2H	13.93	14.72	14.85	15.64	16.83	16.14	16.94	17.06	17.86	19.05
	3H	14.96	15.63	15.89	16.58	17.78	17.66	18.32	18.59	19.27	20.47
	4H	15.24	15.85	16.18	16.79	18.02	18.19	18.79	19.13	19.74	20.97
	6H	15.37	15.89	16.33	16.86	18.09	18.56	19.08	19.51	20.05	21.28
	8H	15.38	15.87	16.34	16.83	18.07	18.67	19.16	19.63	20.12	21.36
	12H	15.35	15.79	16.33	16.77	18.02	18.73	19.17	19.71	20.15	21.40
8H	4H	15.70	16.19	16.66	17.15	18.40	18.32	18.81	19.28	19.77	21.01
	6H	15.97	16.37	16.95	17.38	18.62	18.76	19.16	19.74	20.17	21.41
	8H	16.01	16.37	17.00	17.36	18.62	18.92	19.27	19.91	20.27	21.52
	12H	16.00	16.31	16.99	17.30	18.61	19.02	19.33	20.01	20.32	21.63
12H	4H	15.71	16.15	16.69	17.13	18.38	18.29	18.73	19.26	19.71	20.96
	6H	16.03	16.39	17.02	17.38	18.64	18.76	19.12	19.75	20.11	21.37
	8H	16.10	16.41	17.09	17.40	18.71	18.93	19.24	19.92	20.23	21.53