

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: P934772

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

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934772
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

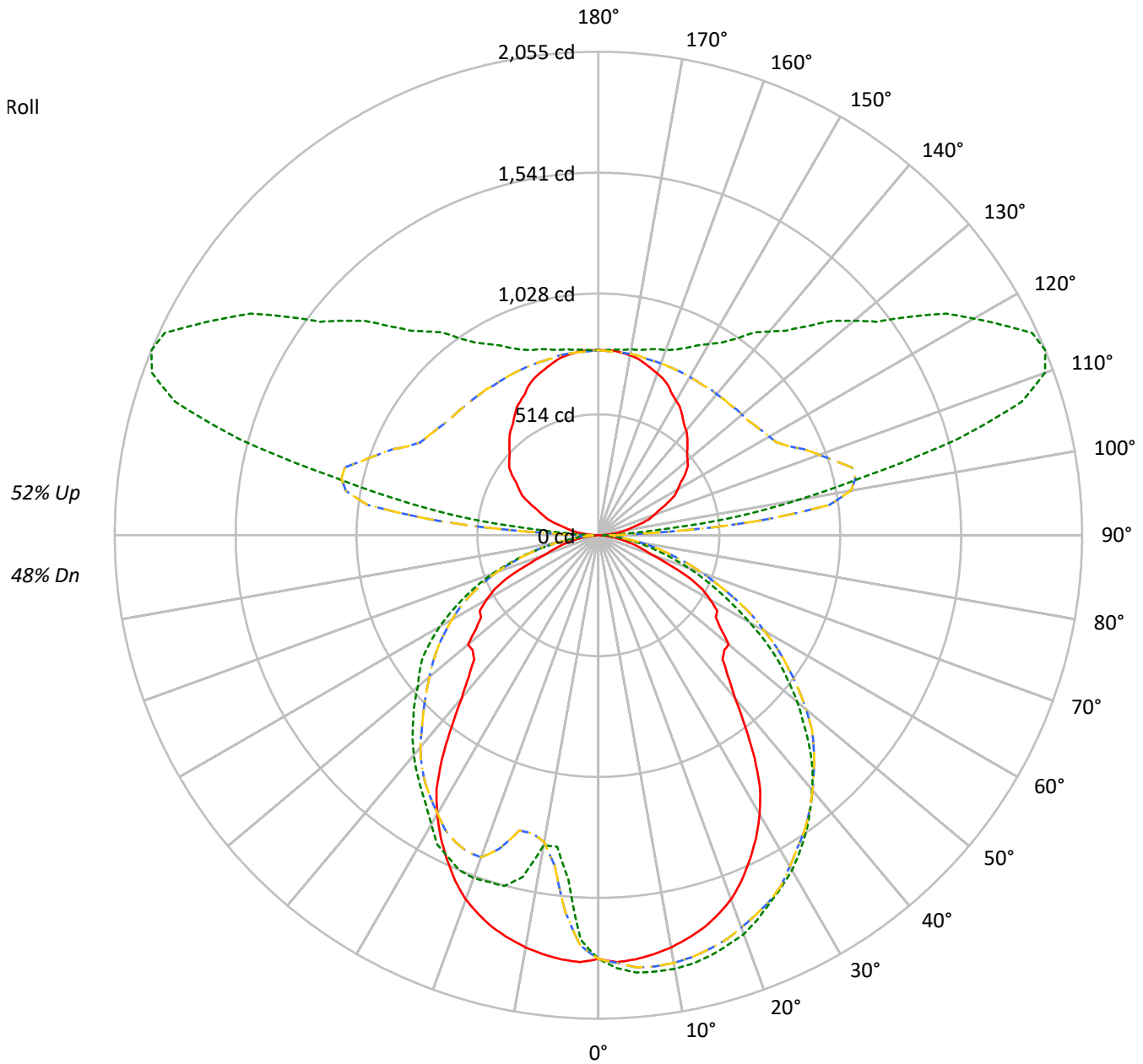
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9775.0 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.6	1.7
10°-20°	461.6	4.7
20°-30°	713.5	7.3
30°-40°	851.8	8.7
40°-50°	856.8	8.8
50°-60°	745.6	7.6
60°-70°	528.6	5.4
70°-80°	279.7	2.9
80°-90°	72.7	0.7
90°-100°	383.7	3.9
100°-110°	1008.6	10.3
110°-120°	1045.8	10.7
120°-130°	838.9	8.6
130°-140°	658.2	6.7
140°-150°	505.2	5.2
150°-160°	363.8	3.7
160°-170°	222.6	2.3
170°-180°	75.2	0.8
0°-30°	1337.7	13.7
0°-40°	2189.5	22.4
0°-60°	3791.9	38.8
0°-90°	4672.9	47.8
90°-120°	2438.2	24.9
90°-150°	4440.5	45.4
90°-180°	5102.0	52.2
0°-180°	9775.0	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°	5	20	5	20	5	6
95°	51	232	51	232	51	56
105°	182	1579	182	1579	182	193
115°	323	2034	323	2034	323	319
125°	449	1620	449	1620	449	399
135°	535	1257	535	1257	535	414
145°	621	1020	621	1020	621	389
155°	702	878	702	878	702	322
165°	757	818	757	818	757	214
175°	787	792	787	792	787	75
180°	787	787	787	787	787	



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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°	5.3	9.5	13.8	14.8	23.3	34.5	40.1	35.7	26.8	20.1	20.1
92.5°	21.1	57.1	93.0	102.0	143.4	198.5	226.1	198.2	142.3	100.4	96.4
95°	50.7	116.5	182.2	198.6	352.6	558.1	660.8	589.7	447.4	340.7	328.6
97.5°	87.7	145.7	203.7	218.2	475.1	817.6	988.8	943.8	854.0	786.6	763.6
100°	116.2	168.8	221.4	234.6	519.6	899.7	1089.7	1093.0	1099.6	1104.5	1077.1
102.5°	140.5	189.6	238.6	250.9	540.0	925.5	1118.2	1175.5	1290.1	1376.1	1352.6
105°	181.7	223.3	264.8	275.2	555.2	928.4	1115.1	1243.5	1500.3	1692.9	1680.3
107.5°	224.0	262.8	301.4	311.2	558.0	887.1	1051.7	1230.8	1589.1	1857.8	1860.9
110°	252.5	287.5	322.4	331.2	553.7	850.5	998.9	1199.1	1599.6	1900.0	1913.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	280.5	313.8	347.1	355.5	553.9	818.5	950.8	1155.8	1565.7	1873.1	1893.3
115°	322.7	353.5	384.3	391.9	559.0	781.8	893.2	1090.6	1485.5	1781.7	1809.7
117.5°	364.5	392.4	420.4	427.4	569.5	758.9	853.6	1031.8	1388.2	1655.4	1686.4
120°	388.8	415.0	441.3	447.9	577.8	751.1	837.8	1000.6	1326.2	1570.4	1600.6
122.5°	412.5	439.1	465.6	472.3	590.0	747.0	825.6	972.2	1265.5	1485.4	1515.1
125°	449.0	473.2	497.3	503.4	606.4	743.7	812.4	936.9	1186.0	1372.8	1400.3
127.5°	478.6	503.0	527.4	533.5	622.8	741.8	801.3	908.2	1122.1	1282.5	1305.6
130°	494.4	520.7	547.0	553.5	634.7	743.0	797.1	892.3	1082.7	1225.5	1246.9
132.5°	510.8	537.1	563.4	570.0	644.5	743.7	793.4	878.6	1049.1	1176.9	1196.0
135°	535.1	559.0	583.0	589.0	655.0	743.0	787.1	858.5	1001.2	1108.2	1124.7
137.5°	559.9	583.6	607.3	613.3	670.9	747.6	786.0	846.3	967.0	1057.5	1071.0
140°	580.6	602.4	624.2	629.6	680.5	748.4	782.3	834.4	938.6	1016.9	1029.5
142.5°	596.4	616.6	636.8	641.8	688.7	751.1	782.3	828.1	919.6	988.3	999.1
145°	620.7	638.3	655.9	660.3	699.2	751.1	777.0	814.5	889.4	945.5	953.7
147.5°	645.0	662.1	679.3	683.6	714.7	756.2	777.0	806.5	865.4	909.6	916.4
150°	660.8	676.3	691.8	695.7	722.8	759.0	777.0	801.9	851.7	889.0	894.5
152.5°	677.2	688.9	700.7	703.6	728.0	760.7	777.0	798.2	840.8	872.6	876.8
155°	701.5	710.1	718.8	721.0	739.7	764.6	777.0	793.9	827.7	853.1	855.8
157.5°	719.4	727.9	736.3	738.4	751.3	768.4	777.0	790.1	816.5	836.2	838.1
160°	731.6	738.2	744.7	746.4	756.6	770.2	777.0	788.3	810.8	827.7	828.8
162.5°	743.7	748.7	753.6	754.9	762.3	772.1	777.0	786.6	805.6	819.8	820.8
165°	756.9	761.3	765.9	767.0	770.3	774.8	777.0	783.8	797.5	807.7	808.8
167.5°	769.1	771.2	773.4	773.9	776.7	780.4	782.3	786.7	795.7	802.4	802.8
170°	777.0	779.2	781.3	781.8	782.0	782.2	782.3	786.7	795.7	802.4	802.4
172.5°	781.3	781.7	782.2	782.3	782.3	782.3	782.3	785.8	792.9	798.2	797.7
175°	787.1	787.1	787.1	787.1	785.5	783.3	782.3	784.5	789.0	792.4	792.4
177.5°	787.1	787.1	787.1	787.1	785.8	784.2	783.3	785.1	788.6	791.3	790.8
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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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°	20.1	20.1	20.1	20.1	20.1	26.8	35.7	40.1	34.5	23.3	14.8
92.5°	80.4	64.4	80.4	96.4	100.4	142.3	198.2	226.1	198.5	143.4	102.0
95°	280.3	231.9	280.3	328.6	340.7	447.4	589.7	660.8	558.1	352.6	198.6
97.5°	671.5	579.4	671.5	763.6	786.6	854.0	943.8	988.8	817.6	475.1	218.2
100°	967.5	857.9	967.5	1077.1	1104.5	1099.6	1093.0	1089.7	899.7	519.6	234.6
102.5°	1258.7	1164.8	1258.7	1352.6	1376.1	1290.1	1175.5	1118.2	925.5	540.0	250.9
105°	1629.8	1579.4	1629.8	1680.3	1692.9	1500.3	1243.5	1115.1	928.4	555.2	275.2
107.5°	1873.0	1885.2	1873.0	1860.9	1857.8	1589.1	1230.8	1051.7	887.1	558.0	311.2
110°	1965.8	2018.4	1965.8	1913.2	1900.0	1599.6	1199.1	998.9	850.5	553.7	331.2



TEST NUMBER: P934772

CATALOG NUMBER: SQ4-FA-075U-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°	1974.0	2054.8	1974.0	1893.3	1873.1	1565.7	1155.8	950.8	818.5	553.9	355.5
115°	1921.7	2033.6	1921.7	1809.7	1781.7	1485.5	1090.6	893.2	781.8	559.0	391.9
117.5°	1810.7	1934.9	1810.7	1686.4	1655.4	1388.2	1031.8	853.6	758.9	569.5	427.4
120°	1721.3	1841.9	1721.3	1600.6	1570.4	1326.2	1000.6	837.8	751.1	577.8	447.9
122.5°	1634.1	1753.2	1634.1	1515.1	1485.4	1265.5	972.2	825.6	747.0	590.0	472.3
125°	1509.9	1619.6	1509.9	1400.3	1372.8	1186.0	936.9	812.4	743.7	606.4	503.4
127.5°	1398.1	1490.7	1398.1	1305.6	1282.5	1122.1	908.2	801.3	741.8	622.8	533.5
130°	1332.3	1417.7	1332.3	1246.9	1225.5	1082.7	892.3	797.1	743.0	634.7	553.5
132.5°	1272.5	1349.1	1272.5	1196.0	1176.9	1049.1	878.6	793.4	743.7	644.5	570.0
135°	1190.7	1256.6	1190.7	1124.7	1108.2	1001.2	858.5	787.1	743.0	655.0	589.0
137.5°	1125.0	1179.0	1125.0	1071.0	1057.5	967.0	846.3	786.0	747.6	670.9	613.3
140°	1080.0	1130.4	1080.0	1029.5	1016.9	938.6	834.4	782.3	748.4	680.5	629.6
142.5°	1042.6	1086.0	1042.6	999.1	988.3	919.6	828.1	782.3	751.1	688.7	641.8
145°	986.6	1019.5	986.6	953.7	945.5	889.4	814.5	777.0	751.1	699.2	660.3
147.5°	943.6	970.9	943.6	916.4	909.6	865.4	806.5	777.0	756.2	714.7	683.6
150°	916.6	938.6	916.6	894.5	889.0	851.7	801.9	777.0	759.0	722.8	695.7
152.5°	893.4	910.1	893.4	876.8	872.6	840.8	798.2	777.0	760.7	728.0	703.6
155°	866.9	877.9	866.9	855.8	853.1	827.7	793.9	777.0	764.6	739.7	721.0
157.5°	845.9	853.6	845.9	838.1	836.2	816.5	790.1	777.0	768.4	751.3	738.4
160°	833.3	837.8	833.3	828.8	827.7	810.8	788.3	777.0	770.2	756.6	746.4
162.5°	825.1	829.3	825.1	820.8	819.8	805.6	786.6	777.0	772.1	762.3	754.9
165°	813.2	817.7	813.2	808.8	807.7	797.5	783.8	777.0	774.8	770.3	767.0
167.5°	804.7	806.6	804.7	802.8	802.4	795.7	786.7	782.3	780.4	776.7	773.9
170°	802.4	802.4	802.4	802.4	802.4	795.7	786.7	782.3	782.2	782.0	781.8
172.5°	796.1	794.5	796.1	797.7	798.2	792.9	785.8	782.3	782.3	782.3	782.3
175°	792.4	792.4	792.4	792.4	792.4	789.0	784.5	782.3	783.3	785.5	787.1
177.5°	789.0	787.1	789.0	790.8	791.3	788.6	785.1	783.3	784.2	785.8	787.1
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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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°	13.8	9.5	5.3	9.5	13.8	14.8	23.3	34.5	40.1	35.7	26.8
92.5°	93.0	57.1	21.1	57.1	93.0	102.0	143.4	198.5	226.1	198.2	142.3
95°	182.2	116.5	50.7	116.5	182.2	198.6	352.6	558.1	660.8	589.7	447.4
97.5°	203.7	145.7	87.7	145.7	203.7	218.2	475.1	817.6	988.8	943.8	854.0
100°	221.4	168.8	116.2	168.8	221.4	234.6	519.6	899.7	1089.7	1093.0	1099.6
102.5°	238.6	189.6	140.5	189.6	238.6	250.9	540.0	925.5	1118.2	1175.5	1290.1
105°	264.8	223.3	181.7	223.3	264.8	275.2	555.2	928.4	1115.1	1243.5	1500.3
107.5°	301.4	262.8	224.0	262.8	301.4	311.2	558.0	887.1	1051.7	1230.8	1589.1
110°	322.4	287.5	252.5	287.5	322.4	331.2	553.7	850.5	998.9	1199.1	1599.6



TEST NUMBER: P934772

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

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	347.1	313.8	280.5	313.8	347.1	355.5	553.9	818.5	950.8	1155.8	1565.7
115°	384.3	353.5	322.7	353.5	384.3	391.9	559.0	781.8	893.2	1090.6	1485.5
117.5°	420.4	392.4	364.5	392.4	420.4	427.4	569.5	758.9	853.6	1031.8	1388.2
120°	441.3	415.0	388.8	415.0	441.3	447.9	577.8	751.1	837.8	1000.6	1326.2
122.5°	465.6	439.1	412.5	439.1	465.6	472.3	590.0	747.0	825.6	972.2	1265.5
125°	497.3	473.2	449.0	473.2	497.3	503.4	606.4	743.7	812.4	936.9	1186.0
127.5°	527.4	503.0	478.6	503.0	527.4	533.5	622.8	741.8	801.3	908.2	1122.1
130°	547.0	520.7	494.4	520.7	547.0	553.5	634.7	743.0	797.1	892.3	1082.7
132.5°	563.4	537.1	510.8	537.1	563.4	570.0	644.5	743.7	793.4	878.6	1049.1
135°	583.0	559.0	535.1	559.0	583.0	589.0	655.0	743.0	787.1	858.5	1001.2
137.5°	607.3	583.6	559.9	583.6	607.3	613.3	670.9	747.6	786.0	846.3	967.0
140°	624.2	602.4	580.6	602.4	624.2	629.6	680.5	748.4	782.3	834.4	938.6
142.5°	636.8	616.6	596.4	616.6	636.8	641.8	688.7	751.1	782.3	828.1	919.6
145°	655.9	638.3	620.7	638.3	655.9	660.3	699.2	751.1	777.0	814.5	889.4
147.5°	679.3	662.1	645.0	662.1	679.3	683.6	714.7	756.2	777.0	806.5	865.4
150°	691.8	676.3	660.8	676.3	691.8	695.7	722.8	759.0	777.0	801.9	851.7
152.5°	700.7	688.9	677.2	688.9	700.7	703.6	728.0	760.7	777.0	798.2	840.8
155°	718.8	710.1	701.5	710.1	718.8	721.0	739.7	764.6	777.0	793.9	827.7
157.5°	736.3	727.9	719.4	727.9	736.3	738.4	751.3	768.4	777.0	790.1	816.5
160°	744.7	738.2	731.6	738.2	744.7	746.4	756.6	770.2	777.0	788.3	810.8
162.5°	753.6	748.7	743.7	748.7	753.6	754.9	762.3	772.1	777.0	786.6	805.6
165°	765.9	761.3	756.9	761.3	765.9	767.0	770.3	774.8	777.0	783.8	797.5
167.5°	773.4	771.2	769.1	771.2	773.4	773.9	776.7	780.4	782.3	786.7	795.7
170°	781.3	779.2	777.0	779.2	781.3	781.8	782.0	782.2	782.3	786.7	795.7
172.5°	782.2	781.7	781.3	781.7	782.2	782.3	782.3	782.3	782.3	785.8	792.9
175°	787.1	787.1	787.1	787.1	787.1	787.1	785.5	783.3	782.3	784.5	789.0
177.5°	787.1	787.1	787.1	787.1	787.1	787.1	785.8	784.2	783.3	785.1	788.6
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



TEST NUMBER: P934772
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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°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	26.8	35.7	40.1	34.5
92.5°	100.4	96.4	80.4	64.4	80.4	96.4	100.4	142.3	198.2	226.1	198.5
95°	340.7	328.6	280.3	231.9	280.3	328.6	340.7	447.4	589.7	660.8	558.1
97.5°	786.6	763.6	671.5	579.4	671.5	763.6	786.6	854.0	943.8	988.8	817.6
100°	1104.5	1077.1	967.5	857.9	967.5	1077.1	1104.5	1099.6	1093.0	1089.7	899.7
102.5°	1376.1	1352.6	1258.7	1164.8	1258.7	1352.6	1376.1	1290.1	1175.5	1118.2	925.5
105°	1692.9	1680.3	1629.8	1579.4	1629.8	1680.3	1692.9	1500.3	1243.5	1115.1	928.4
107.5°	1857.8	1860.9	1873.0	1885.2	1873.0	1860.9	1857.8	1589.1	1230.8	1051.7	887.1
110°	1900.0	1913.2	1965.8	2018.4	1965.8	1913.2	1900.0	1599.6	1199.1	998.9	850.5



TEST NUMBER: P934772

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1873.1	1893.3	1974.0	2054.8	1974.0	1893.3	1873.1	1565.7	1155.8	950.8	818.5
115°	1781.7	1809.7	1921.7	2033.6	1921.7	1809.7	1781.7	1485.5	1090.6	893.2	781.8
117.5°	1655.4	1686.4	1810.7	1934.9	1810.7	1686.4	1655.4	1388.2	1031.8	853.6	758.9
120°	1570.4	1600.6	1721.3	1841.9	1721.3	1600.6	1570.4	1326.2	1000.6	837.8	751.1
122.5°	1485.4	1515.1	1634.1	1753.2	1634.1	1515.1	1485.4	1265.5	972.2	825.6	747.0
125°	1372.8	1400.3	1509.9	1619.6	1509.9	1400.3	1372.8	1186.0	936.9	812.4	743.7
127.5°	1282.5	1305.6	1398.1	1490.7	1398.1	1305.6	1282.5	1122.1	908.2	801.3	741.8
130°	1225.5	1246.9	1332.3	1417.7	1332.3	1246.9	1225.5	1082.7	892.3	797.1	743.0
132.5°	1176.9	1196.0	1272.5	1349.1	1272.5	1196.0	1176.9	1049.1	878.6	793.4	743.7
135°	1108.2	1124.7	1190.7	1256.6	1190.7	1124.7	1108.2	1001.2	858.5	787.1	743.0
137.5°	1057.5	1071.0	1125.0	1179.0	1125.0	1071.0	1057.5	967.0	846.3	786.0	747.6
140°	1016.9	1029.5	1080.0	1130.4	1080.0	1029.5	1016.9	938.6	834.4	782.3	748.4
142.5°	988.3	999.1	1042.6	1086.0	1042.6	999.1	988.3	919.6	828.1	782.3	751.1
145°	945.5	953.7	986.6	1019.5	986.6	953.7	945.5	889.4	814.5	777.0	751.1
147.5°	909.6	916.4	943.6	970.9	943.6	916.4	909.6	865.4	806.5	777.0	756.2
150°	889.0	894.5	916.6	938.6	916.6	894.5	889.0	851.7	801.9	777.0	759.0
152.5°	872.6	876.8	893.4	910.1	893.4	876.8	872.6	840.8	798.2	777.0	760.7
155°	853.1	855.8	866.9	877.9	866.9	855.8	853.1	827.7	793.9	777.0	764.6
157.5°	836.2	838.1	845.9	853.6	845.9	838.1	836.2	816.5	790.1	777.0	768.4
160°	827.7	828.8	833.3	837.8	833.3	828.8	827.7	810.8	788.3	777.0	770.2
162.5°	819.8	820.8	825.1	829.3	825.1	820.8	819.8	805.6	786.6	777.0	772.1
165°	807.7	808.8	813.2	817.7	813.2	808.8	807.7	797.5	783.8	777.0	774.8
167.5°	802.4	802.8	804.7	806.6	804.7	802.8	802.4	795.7	786.7	782.3	780.4
170°	802.4	802.4	802.4	802.4	802.4	802.4	802.4	795.7	786.7	782.3	782.2
172.5°	798.2	797.7	796.1	794.5	796.1	797.7	798.2	792.9	785.8	782.3	782.3
175°	792.4	792.4	792.4	792.4	792.4	792.4	792.4	789.0	784.5	782.3	783.3
177.5°	791.3	790.8	789.0	787.1	789.0	790.8	791.3	788.6	785.1	783.3	784.2
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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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°	23.3	14.8	13.8	9.5	5.3
92.5°	143.4	102.0	93.0	57.1	21.1
95°	352.6	198.6	182.2	116.5	50.7
97.5°	475.1	218.2	203.7	145.7	87.7
100°	519.6	234.6	221.4	168.8	116.2
102.5°	540.0	250.9	238.6	189.6	140.5
105°	555.2	275.2	264.8	223.3	181.7
107.5°	558.0	311.2	301.4	262.8	224.0
110°	553.7	331.2	322.4	287.5	252.5



TEST NUMBER: P934772

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

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	553.9	355.5	347.1	313.8	280.5
115°	559.0	391.9	384.3	353.5	322.7
117.5°	569.5	427.4	420.4	392.4	364.5
120°	577.8	447.9	441.3	415.0	388.8
122.5°	590.0	472.3	465.6	439.1	412.5
125°	606.4	503.4	497.3	473.2	449.0
127.5°	622.8	533.5	527.4	503.0	478.6
130°	634.7	553.5	547.0	520.7	494.4
132.5°	644.5	570.0	563.4	537.1	510.8
135°	655.0	589.0	583.0	559.0	535.1
137.5°	670.9	613.3	607.3	583.6	559.9
140°	680.5	629.6	624.2	602.4	580.6
142.5°	688.7	641.8	636.8	616.6	596.4
145°	699.2	660.3	655.9	638.3	620.7
147.5°	714.7	683.6	679.3	662.1	645.0
150°	722.8	695.7	691.8	676.3	660.8
152.5°	728.0	703.6	700.7	688.9	677.2
155°	739.7	721.0	718.8	710.1	701.5
157.5°	751.3	738.4	736.3	727.9	719.4
160°	756.6	746.4	744.7	738.2	731.6
162.5°	762.3	754.9	753.6	748.7	743.7
165°	770.3	767.0	765.9	761.3	756.9
167.5°	776.7	773.9	773.4	771.2	769.1
170°	782.0	781.8	781.3	779.2	777.0
172.5°	782.3	782.3	782.2	781.7	781.3
175°	785.5	787.1	787.1	787.1	787.1
177.5°	785.8	787.1	787.1	787.1	787.1
180°	787.1	787.1	787.1	787.1	787.1



TEST NUMBER: P934772
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.98	12.82	12.95	13.81	15.11	14.81	15.66	15.79	16.65	17.95
	3H	12.45	13.21	13.44	14.21	15.53	16.16	16.92	17.15	17.91	19.24
	4H	12.64	13.36	13.64	14.36	15.69	16.61	17.32	17.61	18.32	19.65
	6H	12.76	13.42	13.77	14.42	15.77	16.89	17.55	17.90	18.56	19.90
	8H	12.76	13.39	13.78	14.41	15.75	16.97	17.59	17.98	18.62	19.96
	12H	12.73	13.33	13.75	14.34	15.71	17.01	17.60	18.03	18.62	19.98
4H	2H	13.01	13.72	14.02	14.72	16.06	15.22	15.94	16.23	16.94	18.27
	3H	14.03	14.63	15.05	15.66	17.01	16.73	17.32	17.74	18.35	19.70
	4H	14.31	14.85	15.33	15.88	17.25	17.26	17.80	18.28	18.82	20.19
	6H	14.43	14.90	15.47	15.95	17.31	17.62	18.09	18.66	19.14	20.50
	8H	14.44	14.88	15.47	15.92	17.30	17.73	18.17	18.76	19.21	20.59
	12H	14.40	14.80	15.46	15.85	17.24	17.79	18.18	18.84	19.24	20.62
8H	4H	14.76	15.20	15.80	16.24	17.62	17.38	17.82	18.41	18.86	20.24
	6H	15.02	15.38	16.08	16.47	17.84	17.82	18.18	18.88	19.26	20.64
	8H	15.07	15.38	16.13	16.45	17.85	17.97	18.29	19.04	19.35	20.75
	12H	15.05	15.33	16.12	16.39	17.83	18.07	18.35	19.14	19.41	20.85
12H	4H	14.77	15.16	15.82	16.22	17.60	17.34	17.74	18.40	18.79	20.18
	6H	15.08	15.40	16.15	16.47	17.87	17.81	18.13	18.88	19.20	20.59
	8H	15.15	15.43	16.22	16.49	17.93	17.98	18.25	19.05	19.32	20.75