

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: P935238

Luminaire Tested: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935238
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

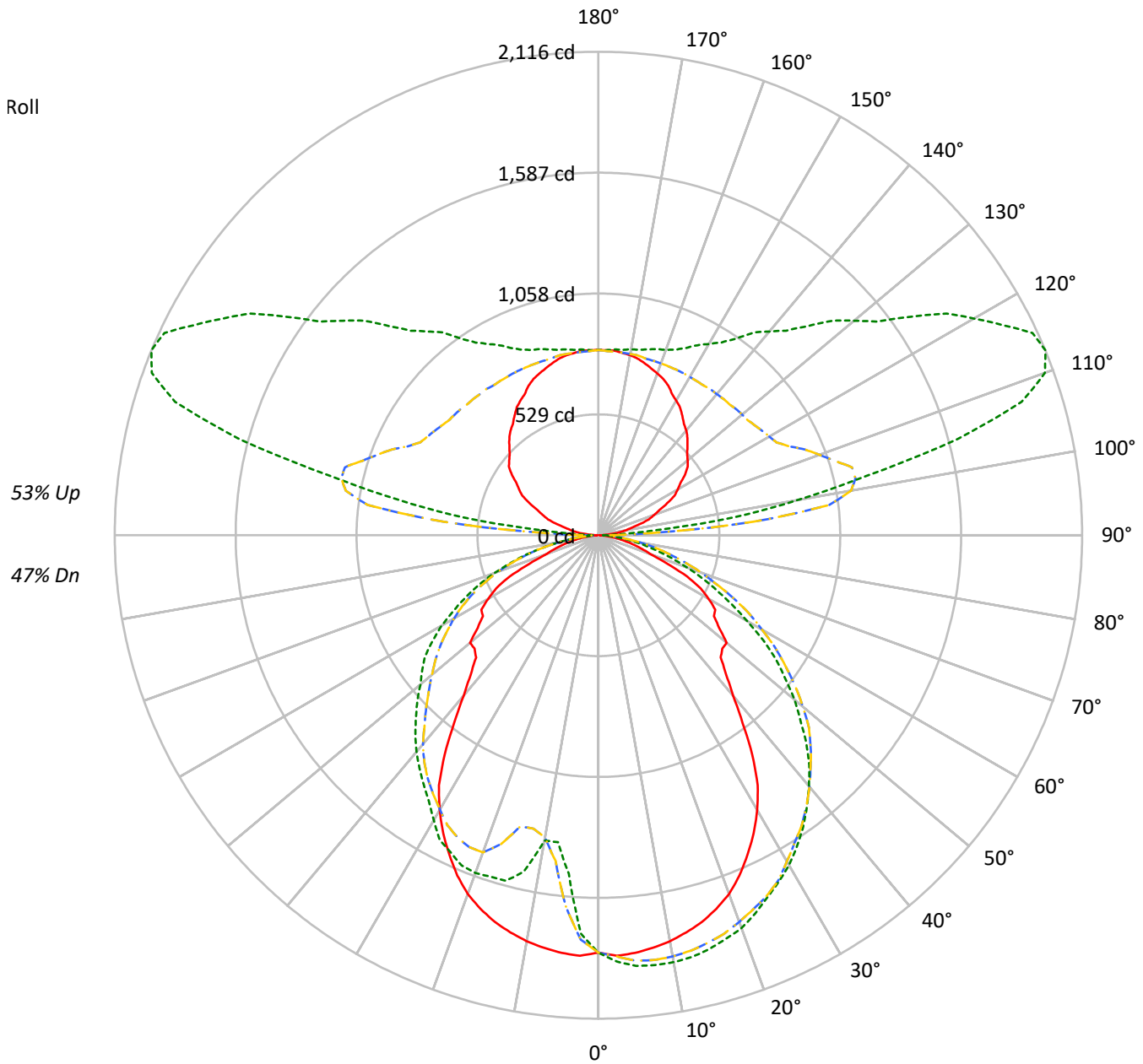
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9994.4 lumens
Efficiency: N/A
Efficacy: 114.9 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: General Diffuse

Input Watts (W): 87
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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CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

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	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11300	11300	11300	11300
5°	11380	11406	11380	8969
10°	11300	11236	11300	8033
15°	11173	10993	11173	9179
20°	10935	10704	10935	9198
25°	10452	10284	10452	9003
30°	9830	9934	9830	8575
35°	8759	9492	8759	8105
40°	7294	8973	7294	7749
45°	6513	8364	6513	7341
50°	6914	7638	6914	6931
55°	6500	6856	6500	6694
60°	6691	5823	6691	6131
65°	6057	4813	6057	5381
70°	4184	3836	4184	4509
75°	3657	2835	3657	3396
80°	2923	1875	2923	2041
85°	1646	994	1646	845

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9990 cd/sqm



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CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	1.6
10°-20°	468.1	4.7
20°-30°	723.7	7.2
30°-40°	863.9	8.6
40°-50°	869.0	8.7
50°-60°	756.1	7.6
60°-70°	536.1	5.4
70°-80°	283.6	2.8
80°-90°	73.7	0.7
90°-100°	395.2	4.0
100°-110°	1038.9	10.4
110°-120°	1077.2	10.8
120°-130°	864.1	8.6
130°-140°	678.0	6.8
140°-150°	520.4	5.2
150°-160°	374.8	3.7
160°-170°	229.3	2.3
170°-180°	77.5	0.8
0°-30°	1356.7	13.6
0°-40°	2220.6	22.2
0°-60°	3845.7	38.5
0°-90°	4739.1	47.4
90°-120°	2511.3	25.1
90°-150°	4573.8	45.8
90°-180°	5255.0	52.6
0°-180°	9994.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1827	1827	1827	1827	1827	
5°	1835	1892	1835	1488	1835	174
15°	1752	1875	1752	1566	1752	493
25°	1543	1749	1543	1531	1543	709
35°	1173	1560	1173	1332	1173	726
45°	757	1286	757	1128	757	606
55°	617	949	617	926	617	567
65°	429	572	429	639	429	410
75°	162	271	162	325	162	171
85°	28	69	28	59	28	37
90°	5	21	5	21	5	6
95°	52	239	52	239	52	58
105°	187	1627	187	1627	187	198
115°	332	2095	332	2095	332	328
125°	462	1668	462	1668	462	411
135°	551	1294	551	1294	551	426
145°	639	1050	639	1050	639	401
155°	723	904	723	904	723	332
165°	780	842	780	842	780	220
175°	811	816	811	816	811	77
180°	811	811	811	811	811	



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6
2.5°	1842.2	1842.2	1852.5	1855.9	1855.9	1850.8	1845.6	1850.8	1866.3	1871.6	1869.8
5°	1835.2	1849.1	1868.1	1871.6	1875.0	1873.2	1869.8	1873.2	1890.5	1894.0	1895.7
7.5°	1821.4	1847.3	1871.6	1876.7	1881.8	1876.7	1875.0	1878.4	1895.7	1899.2	1899.2
10°	1804.2	1840.4	1868.1	1871.6	1876.7	1871.6	1871.6	1878.4	1895.7	1899.2	1900.9
12.5°	1779.9	1830.1	1855.9	1859.4	1866.3	1864.6	1862.8	1869.8	1887.1	1890.5	1890.5
15°	1752.3	1811.0	1835.2	1838.7	1850.8	1847.3	1847.3	1854.2	1873.2	1878.4	1876.7
17.5°	1714.2	1786.8	1814.5	1819.7	1828.3	1826.6	1828.3	1835.2	1852.5	1855.9	1857.7
20°	1671.1	1754.0	1786.8	1792.0	1800.7	1800.7	1800.7	1809.3	1826.6	1833.5	1833.5
22.5°	1612.3	1719.5	1754.0	1757.5	1767.9	1767.9	1771.3	1783.4	1798.9	1800.7	1800.7
25°	1543.2	1681.5	1710.8	1721.1	1731.5	1736.7	1741.9	1748.9	1754.0	1752.3	1754.0
27.5°	1470.6	1633.1	1671.1	1678.0	1691.8	1697.0	1703.9	1705.6	1707.4	1712.5	1709.1
30°	1389.4	1565.6	1622.7	1629.6	1652.1	1655.5	1648.6	1652.1	1660.7	1664.2	1667.6
32.5°	1297.8	1465.5	1572.5	1588.1	1608.8	1598.4	1596.8	1601.9	1615.8	1615.8	1619.2
35°	1173.4	1387.7	1525.9	1539.8	1555.3	1543.2	1550.1	1551.8	1560.4	1565.6	1563.9
37.5°	1036.8	1320.3	1477.5	1487.9	1500.0	1484.5	1494.8	1500.0	1506.9	1503.5	1503.5
40°	915.9	1214.8	1420.5	1427.4	1437.8	1425.7	1436.1	1439.5	1443.0	1439.5	1437.8
42.5°	826.0	1099.0	1360.0	1368.7	1361.8	1370.4	1373.8	1380.8	1375.5	1368.7	1368.7
45°	756.9	1068.0	1294.4	1304.7	1294.4	1308.1	1313.4	1313.4	1297.8	1294.4	1292.6
47.5°	734.4	1005.7	1228.7	1228.7	1223.5	1240.7	1249.4	1237.3	1221.7	1216.6	1216.6
50°	732.7	936.7	1138.8	1131.9	1156.1	1176.8	1168.2	1156.1	1144.0	1125.0	1125.0
52.5°	665.3	852.0	1023.0	1049.0	1087.0	1099.0	1085.2	1073.1	1052.4	1043.7	1036.8
55°	617.0	763.8	917.6	969.4	1009.2	1024.7	998.8	986.7	955.7	950.4	947.0
57.5°	606.6	636.0	820.8	886.5	934.9	933.2	917.6	895.1	869.2	864.0	862.4
60°	556.4	459.6	717.2	794.9	845.0	839.9	826.0	805.3	781.1	777.7	774.2
62.5°	504.6	333.6	599.6	687.8	758.7	756.9	744.8	713.7	696.4	687.8	680.9
65°	428.6	279.9	426.9	572.0	674.0	677.4	651.5	629.0	610.0	599.6	598.0
67.5°	326.6	228.1	288.6	476.9	592.7	589.3	556.4	546.1	521.9	516.7	506.3
70°	241.9	152.1	200.5	387.1	513.3	504.6	478.7	466.6	444.1	432.0	425.1
72.5°	200.5	122.7	146.9	300.7	432.0	421.6	399.2	385.4	366.3	356.0	349.1
75°	162.5	129.6	112.3	222.9	350.8	343.9	323.2	309.3	293.8	279.9	281.7
77.5°	119.2	121.0	89.8	164.2	278.2	267.9	255.8	238.5	231.5	217.7	217.7
80°	89.8	95.1	67.4	112.3	200.5	200.5	190.1	178.0	165.9	159.0	159.0
82.5°	60.5	60.5	50.1	70.8	136.6	131.3	124.4	121.0	114.1	110.6	110.6
85°	27.6	34.5	31.1	43.2	74.3	77.8	77.8	74.3	72.6	69.2	70.8
87.5°	8.6	15.5	19.0	24.2	38.0	39.8	41.5	41.5	41.5	43.2	43.2
90°	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6	20.7	20.7
92.5°	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5	103.3	99.2
95°	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8	350.9	338.4
97.5°	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6	810.1	786.4
100°	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6	1137.7	1109.4
102.5°	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8	1417.3	1393.2
105°	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3	1743.7	1730.7
107.5°	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7	1913.5	1916.6
110°	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6	1957.0	1970.5



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7	1929.3	1950.0
115°	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2	1835.2	1864.1
117.5°	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8	1705.1	1737.1
120°	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0	1617.5	1648.6
122.5°	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4	1529.9	1560.6
125°	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6	1414.1	1442.3
127.5°	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8	1321.0	1344.9
130°	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2	1262.3	1284.2
132.5°	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5	1212.2	1231.9
135°	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2	1141.5	1158.5
137.5°	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0	1089.3	1103.1
140°	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8	1047.3	1060.3
142.5°	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2	1017.9	1029.1
145°	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1	973.9	982.3
147.5°	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4	936.9	943.9
150°	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2	915.6	921.3
152.5°	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0	898.8	903.1
155°	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6	878.7	881.5
157.5°	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0	861.3	863.3
160°	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1	852.6	853.7
162.5°	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7	844.4	845.4
165°	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4	831.9	833.1
167.5°	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5	826.4	826.9
170°	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5	826.4	826.4
172.5°	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7	822.1	821.6
175°	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6	816.1	816.1
177.5°	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3	815.0	814.5
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6
2.5°	1873.2	1868.1	1873.2	1869.8	1871.6	1866.3	1850.8	1845.6	1850.8	1855.9	1855.9
5°	1895.7	1892.2	1895.7	1895.7	1894.0	1890.5	1873.2	1869.8	1873.2	1875.0	1871.6
7.5°	1902.6	1897.5	1902.6	1899.2	1899.2	1895.7	1878.4	1875.0	1876.7	1881.8	1876.7
10°	1902.6	1897.5	1902.6	1900.9	1899.2	1895.7	1878.4	1871.6	1871.6	1876.7	1871.6
12.5°	1894.0	1890.5	1894.0	1890.5	1890.5	1887.1	1869.8	1862.8	1864.6	1866.3	1859.4
15°	1880.2	1875.0	1880.2	1876.7	1878.4	1873.2	1854.2	1847.3	1847.3	1850.8	1838.7
17.5°	1859.4	1852.5	1859.4	1857.7	1855.9	1852.5	1835.2	1828.3	1826.6	1828.3	1819.7
20°	1835.2	1830.1	1835.2	1833.5	1833.5	1826.6	1809.3	1800.7	1800.7	1800.7	1792.0
22.5°	1797.2	1792.0	1797.2	1800.7	1800.7	1798.9	1783.4	1771.3	1767.9	1767.9	1757.5
25°	1754.0	1748.9	1754.0	1754.0	1752.3	1754.0	1748.9	1741.9	1736.7	1731.5	1721.1
27.5°	1712.5	1709.1	1712.5	1709.1	1712.5	1707.4	1705.6	1703.9	1697.0	1691.8	1678.0
30°	1671.1	1667.6	1671.1	1667.6	1664.2	1660.7	1652.1	1648.6	1655.5	1652.1	1629.6
32.5°	1619.2	1615.8	1619.2	1619.2	1615.8	1615.8	1601.9	1596.8	1598.4	1608.8	1588.1
35°	1565.6	1560.4	1565.6	1563.9	1565.6	1560.4	1551.8	1550.1	1543.2	1555.3	1539.8
37.5°	1503.5	1498.2	1503.5	1503.5	1503.5	1506.9	1500.0	1494.8	1484.5	1500.0	1487.9
40°	1439.5	1432.6	1439.5	1437.8	1439.5	1443.0	1439.5	1436.1	1425.7	1437.8	1427.4
42.5°	1366.9	1365.2	1366.9	1368.7	1368.7	1375.5	1380.8	1373.8	1370.4	1361.8	1368.7
45°	1289.1	1285.7	1289.1	1292.6	1294.4	1297.8	1313.4	1313.4	1308.1	1294.4	1304.7
47.5°	1206.2	1197.6	1206.2	1216.6	1216.6	1221.7	1237.3	1249.4	1240.7	1223.5	1228.7
50°	1118.0	1119.8	1118.0	1125.0	1125.0	1144.0	1156.1	1168.2	1176.8	1156.1	1131.9
52.5°	1031.7	1030.0	1031.7	1036.8	1043.7	1052.4	1073.1	1085.2	1099.0	1087.0	1049.0
55°	945.3	948.7	945.3	947.0	950.4	955.7	986.7	998.8	1024.7	1009.2	969.4
57.5°	858.9	853.6	858.9	862.4	864.0	869.2	895.1	917.6	933.2	934.9	886.5
60°	758.7	751.7	758.7	774.2	777.7	781.1	805.3	826.0	839.9	845.0	794.9
62.5°	670.5	658.4	670.5	680.9	687.8	696.4	713.7	744.8	756.9	758.7	687.8
65°	577.2	572.0	577.2	598.0	599.6	610.0	629.0	651.5	677.4	674.0	572.0
67.5°	492.5	492.5	492.5	506.3	516.7	521.9	546.1	556.4	589.3	592.7	476.9
70°	414.7	413.0	414.7	425.1	432.0	444.1	466.6	478.7	504.6	513.3	387.1
72.5°	340.4	338.7	340.4	349.1	356.0	366.3	385.4	399.2	421.6	432.0	300.7
75°	274.8	271.3	274.8	281.7	279.9	293.8	309.3	323.2	343.9	350.8	222.9
77.5°	210.9	210.9	210.9	217.7	217.7	231.5	238.5	255.8	267.9	278.2	164.2
80°	157.2	155.6	157.2	159.0	159.0	165.9	178.0	190.1	200.5	200.5	112.3
82.5°	110.6	107.2	110.6	110.6	110.6	114.1	121.0	124.4	131.3	136.6	70.8
85°	69.2	69.2	69.2	70.8	69.2	72.6	74.3	77.8	77.8	74.3	43.2
87.5°	44.9	43.2	44.9	43.2	43.2	41.5	41.5	41.5	39.8	38.0	24.2
90°	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6	24.0	15.3
92.5°	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4	147.6	105.0
95°	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8	363.3	204.6
97.5°	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1	489.3	224.7
100°	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6	535.2	241.6
102.5°	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3	556.3	258.5
105°	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4	571.9	283.5
107.5°	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7	574.8	320.5
110°	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0	570.4	341.1



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1	570.6	366.2
115°	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2	575.8	403.7
117.5°	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6	586.4	440.1
120°	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7	595.3	461.4
122.5°	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5	607.7	486.4
125°	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1	624.6	518.5
127.5°	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1	641.5	549.6
130°	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3	653.9	570.2
132.5°	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1	663.8	587.1
135°	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3	674.7	606.7
137.5°	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1	691.0	631.7
140°	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8	700.9	648.5
142.5°	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6	709.3	661.1
145°	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7	720.2	680.1
147.5°	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9	736.1	704.0
150°	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7	744.5	716.6
152.5°	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5	749.9	724.7
155°	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5	761.9	742.6
157.5°	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5	773.8	760.6
160°	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4	779.3	768.8
162.5°	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3	785.1	777.5
165°	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1	793.5	790.0
167.5°	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8	799.9	797.0
170°	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7	805.4	805.2
172.5°	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8	809.0	810.6
177.5°	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8	809.4	810.6
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6
2.5°	1852.5	1842.2	1842.2	1824.8	1817.9	1812.8	1804.2	1778.2	1771.3	1764.4	1774.8
5°	1868.1	1849.1	1835.2	1804.2	1778.2	1767.9	1735.0	1672.8	1631.3	1600.2	1582.9
7.5°	1871.6	1847.3	1821.4	1773.0	1710.8	1683.1	1582.9	1468.9	1437.8	1410.1	1392.8
10°	1868.1	1840.4	1804.2	1731.5	1584.7	1536.3	1436.1	1361.8	1342.8	1337.5	1342.8
12.5°	1855.9	1830.1	1779.9	1659.0	1453.3	1420.5	1361.8	1318.5	1315.1	1323.7	1370.4
15°	1835.2	1811.0	1752.3	1562.2	1380.8	1356.5	1315.1	1299.5	1318.5	1379.0	1519.0
17.5°	1814.5	1786.8	1714.2	1467.1	1325.4	1308.1	1278.8	1309.9	1417.1	1498.2	1544.9
20°	1786.8	1754.0	1671.1	1398.0	1285.7	1270.1	1256.3	1396.3	1477.5	1506.9	1532.8
22.5°	1754.0	1719.5	1612.3	1349.6	1244.2	1232.1	1240.7	1444.7	1477.5	1498.2	1520.7
25°	1710.8	1681.5	1543.2	1311.6	1211.4	1197.6	1230.4	1439.5	1458.5	1463.7	1508.6
27.5°	1671.1	1633.1	1470.6	1277.1	1171.7	1166.4	1239.1	1417.1	1430.8	1436.1	1484.5
30°	1622.7	1565.6	1389.4	1240.7	1130.2	1128.4	1240.7	1389.4	1385.9	1399.8	1448.1
32.5°	1572.5	1465.5	1297.8	1195.8	1090.4	1088.7	1228.7	1347.9	1344.4	1363.4	1399.8
35°	1525.9	1387.7	1173.4	1144.0	1040.3	1042.0	1199.3	1299.5	1301.2	1318.5	1341.0
37.5°	1477.5	1320.3	1036.8	1087.0	991.9	991.9	1159.5	1254.6	1251.1	1256.3	1287.4
40°	1420.5	1214.8	915.9	1012.7	947.0	941.8	1111.1	1206.2	1194.1	1192.4	1235.6
42.5°	1360.0	1099.0	826.0	914.2	895.1	888.3	1052.4	1147.4	1125.0	1130.2	1185.4
45°	1294.4	1068.0	756.9	772.4	841.6	836.4	988.5	1080.0	1064.5	1078.4	1135.4
47.5°	1228.7	1005.7	734.4	641.1	784.6	782.8	917.6	1014.3	1005.7	1019.6	1080.0
50°	1138.8	936.7	732.7	549.6	720.6	727.5	833.0	950.4	950.4	962.6	1026.5
52.5°	1023.0	852.0	665.3	497.7	646.3	667.0	758.7	895.1	898.6	910.7	967.7
55°	917.6	763.8	617.0	457.9	558.2	603.1	686.0	838.1	845.0	857.1	909.0
57.5°	820.8	636.0	606.6	411.3	476.9	520.2	622.1	782.8	786.3	796.7	846.7
60°	717.2	459.6	556.4	361.2	406.1	438.9	563.3	717.2	729.3	736.2	779.3
62.5°	599.6	333.6	504.6	326.6	371.6	378.5	514.9	655.0	670.5	675.7	701.6
65°	426.9	279.9	428.6	297.2	335.2	337.0	463.1	591.0	604.8	613.5	632.5
67.5°	288.6	228.1	326.6	269.5	307.6	309.3	413.0	516.7	535.7	542.6	554.7
70°	200.5	152.1	241.9	240.2	276.5	279.9	359.5	449.3	466.6	471.8	478.7
72.5°	146.9	122.7	200.5	216.0	243.6	247.1	304.2	373.2	390.6	395.7	399.2
75°	112.3	129.6	162.5	188.4	207.4	209.1	248.9	304.2	316.2	319.7	321.4
77.5°	89.8	121.0	119.2	152.1	169.3	165.9	195.2	235.0	245.4	245.4	245.4
80°	67.4	95.1	89.8	108.8	124.4	121.0	140.0	167.6	171.1	174.5	172.8
82.5°	50.1	60.5	60.5	69.2	82.9	79.5	93.3	108.8	108.8	108.8	112.3
85°	31.1	34.5	27.6	36.3	46.7	44.9	51.9	58.8	60.5	60.5	57.0
87.5°	19.0	15.5	8.6	13.9	20.8	20.8	24.2	25.9	24.2	24.2	24.2
90°	14.1	9.8	5.4	9.8	14.1	15.3	24.0	35.6	41.3	36.7	27.6
92.5°	95.7	58.8	21.8	58.8	95.7	105.0	147.6	204.4	232.8	204.1	146.5
95°	187.7	119.9	52.2	119.9	187.7	204.6	363.3	574.8	680.6	607.4	460.8
97.5°	209.8	150.1	90.3	150.1	209.8	224.7	489.3	842.1	1018.5	972.2	879.6
100°	228.0	173.9	119.7	173.9	228.0	241.6	535.2	926.6	1122.4	1125.8	1132.6
102.5°	245.8	195.3	144.8	195.3	245.8	258.5	556.3	953.3	1151.8	1210.8	1328.8
105°	272.8	230.0	187.1	230.0	272.8	283.5	571.9	956.4	1148.6	1280.8	1545.3
107.5°	310.5	270.6	230.7	270.6	310.5	320.5	574.8	913.7	1083.2	1267.8	1636.7
110°	332.2	296.1	260.0	296.1	332.2	341.1	570.4	876.0	1028.8	1235.1	1647.6



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	357.6	323.3	288.9	323.3	357.6	366.2	570.6	843.1	979.3	1190.4	1612.7
115°	395.7	364.1	332.4	364.1	395.7	403.7	575.8	805.2	920.0	1123.4	1530.2
117.5°	433.0	404.2	375.4	404.2	433.0	440.1	586.4	781.6	879.2	1062.7	1429.8
120°	454.6	427.6	400.4	427.6	454.6	461.4	595.3	773.7	862.9	1030.6	1366.0
122.5°	479.6	452.2	424.9	452.2	479.6	486.4	607.7	769.5	850.4	1001.4	1303.4
125°	512.3	487.4	462.4	487.4	512.3	518.5	624.6	766.1	836.8	965.1	1221.6
127.5°	543.3	518.1	493.0	518.1	543.3	549.6	641.5	764.1	825.4	935.5	1155.8
130°	563.4	536.4	509.3	536.4	563.4	570.2	653.9	765.3	821.0	919.0	1115.2
132.5°	580.3	553.2	526.1	553.2	580.3	587.1	663.8	766.1	817.2	905.0	1080.5
135°	600.5	575.8	551.1	575.8	600.5	606.7	674.7	765.3	810.6	884.2	1031.2
137.5°	625.6	601.1	576.7	601.1	625.6	631.7	691.0	770.1	809.6	871.8	996.0
140°	643.0	620.5	598.0	620.5	643.0	648.5	700.9	770.8	805.8	859.5	966.8
142.5°	655.9	635.1	614.3	635.1	655.9	661.1	709.3	773.6	805.8	852.9	947.2
145°	675.6	657.4	639.3	657.4	675.6	680.1	720.2	773.7	800.4	838.9	916.1
147.5°	699.5	681.9	664.3	681.9	699.5	704.0	736.1	778.9	800.4	830.7	891.4
150°	712.5	696.6	680.6	696.6	712.5	716.6	744.5	781.7	800.4	826.0	877.2
152.5°	721.7	709.7	697.5	709.7	721.7	724.7	749.9	783.5	800.4	822.2	866.0
155°	740.4	731.5	722.6	731.5	740.4	742.6	761.9	787.5	800.4	817.8	852.6
157.5°	758.4	749.8	741.1	749.8	758.4	760.6	773.8	791.5	800.4	813.9	841.0
160°	767.1	760.3	753.5	760.3	767.1	768.8	779.3	793.4	800.4	812.0	835.1
162.5°	776.2	771.1	766.1	771.1	776.2	777.5	785.1	795.3	800.4	810.1	829.7
165°	788.8	784.2	779.7	784.2	788.8	790.0	793.5	798.1	800.4	807.3	821.4
167.5°	796.5	794.3	792.2	794.3	796.5	797.0	799.9	803.8	805.8	810.4	819.5
170°	804.7	802.5	800.4	802.5	804.7	805.2	805.4	805.7	805.8	810.4	819.5
172.5°	805.7	805.1	804.7	805.1	805.7	805.8	805.8	805.8	805.8	809.4	816.7
175°	810.6	810.6	810.6	810.6	810.6	810.6	809.0	806.8	805.8	808.0	812.6
177.5°	810.6	810.6	810.6	810.6	810.6	810.6	809.4	807.8	806.9	808.7	812.3
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6	1826.6
2.5°	1762.6	1757.5	1764.4	1745.4	1764.4	1757.5	1762.6	1774.8	1764.4	1771.3	1778.2
5°	1546.6	1538.0	1510.4	1487.9	1510.4	1538.0	1546.6	1582.9	1600.2	1631.3	1672.8
7.5°	1382.4	1375.5	1368.7	1354.8	1368.7	1375.5	1382.4	1392.8	1410.1	1437.8	1468.9
10°	1346.2	1347.9	1358.3	1356.5	1358.3	1347.9	1346.2	1342.8	1337.5	1342.8	1361.8
12.5°	1439.5	1455.1	1512.1	1508.6	1512.1	1455.1	1439.5	1370.4	1323.7	1315.1	1318.5
15°	1546.6	1551.8	1563.9	1565.6	1563.9	1551.8	1546.6	1519.0	1379.0	1318.5	1299.5
17.5°	1557.0	1558.8	1567.4	1567.4	1567.4	1558.8	1557.0	1544.9	1498.2	1417.1	1309.9
20°	1548.4	1551.8	1569.1	1572.5	1569.1	1551.8	1548.4	1532.8	1506.9	1477.5	1396.3
22.5°	1544.9	1551.8	1565.6	1563.9	1565.6	1551.8	1544.9	1520.7	1498.2	1477.5	1444.7
25°	1527.6	1527.6	1529.4	1531.1	1529.4	1527.6	1527.6	1508.6	1463.7	1458.5	1439.5
27.5°	1491.4	1494.8	1505.1	1503.5	1505.1	1494.8	1491.4	1484.5	1436.1	1430.8	1417.1
30°	1458.5	1455.1	1446.4	1439.5	1446.4	1455.1	1458.5	1448.1	1399.8	1385.9	1389.4
32.5°	1403.2	1394.6	1385.9	1380.8	1385.9	1394.6	1403.2	1399.8	1363.4	1344.4	1347.9
35°	1337.5	1339.3	1337.5	1332.4	1337.5	1339.3	1337.5	1341.0	1318.5	1301.2	1299.5
37.5°	1290.9	1294.4	1292.6	1285.7	1292.6	1294.4	1290.9	1287.4	1256.3	1251.1	1254.6
40°	1242.5	1244.2	1242.5	1237.3	1242.5	1244.2	1242.5	1235.6	1192.4	1194.1	1206.2
42.5°	1195.8	1194.1	1188.9	1185.4	1188.9	1194.1	1195.8	1185.4	1130.2	1125.0	1147.4
45°	1142.3	1144.0	1133.6	1128.4	1133.6	1144.0	1142.3	1135.4	1078.4	1064.5	1080.0
47.5°	1088.7	1088.7	1080.0	1074.9	1080.0	1088.7	1088.7	1080.0	1019.6	1005.7	1014.3
50°	1031.7	1030.0	1017.8	1016.1	1017.8	1030.0	1031.7	1026.5	962.6	950.4	950.4
52.5°	966.0	966.0	967.7	971.2	967.7	966.0	966.0	967.7	910.7	898.6	895.1
55°	909.0	910.7	922.8	926.3	922.8	910.7	909.0	909.0	857.1	845.0	838.1
57.5°	850.2	850.2	858.9	858.9	858.9	850.2	850.2	846.7	796.7	786.3	782.8
60°	782.8	786.3	793.2	791.5	793.2	786.3	782.8	779.3	736.2	729.3	717.2
62.5°	711.9	715.4	717.2	713.7	717.2	715.4	711.9	701.6	675.7	670.5	655.0
65°	637.6	641.1	642.9	639.4	642.9	641.1	637.6	632.5	613.5	604.8	591.0
67.5°	561.6	559.9	558.2	565.1	558.2	559.9	561.6	554.7	542.6	535.7	516.7
70°	483.9	483.9	482.1	485.5	482.1	483.9	483.9	478.7	471.8	466.6	449.3
72.5°	400.9	399.2	406.1	400.9	406.1	399.2	400.9	399.2	395.7	390.6	373.2
75°	319.7	323.2	319.7	324.9	319.7	323.2	319.7	321.4	319.7	316.2	304.2
77.5°	243.6	247.1	243.6	243.6	243.6	247.1	243.6	245.4	245.4	245.4	235.0
80°	172.8	171.1	171.1	169.3	171.1	171.1	172.8	172.8	174.5	171.1	167.6
82.5°	110.6	108.8	108.8	112.3	108.8	108.8	110.6	112.3	108.8	108.8	108.8
85°	60.5	62.2	58.8	58.8	58.8	62.2	60.5	57.0	60.5	60.5	58.8
87.5°	22.5	20.8	20.8	20.8	20.8	20.8	22.5	24.2	24.2	24.2	25.9
90°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	27.6	36.7	41.3	35.6
92.5°	103.3	99.2	82.8	66.4	82.8	99.2	103.3	146.5	204.1	232.8	204.4
95°	350.9	338.4	288.6	238.9	288.6	338.4	350.9	460.8	607.4	680.6	574.8
97.5°	810.1	786.4	691.6	596.8	691.6	786.4	810.1	879.6	972.2	1018.5	842.1
100°	1137.7	1109.4	996.5	883.5	996.5	1109.4	1137.7	1132.6	1125.8	1122.4	926.6
102.5°	1417.3	1393.2	1296.4	1199.7	1296.4	1393.2	1417.3	1328.8	1210.8	1151.8	953.3
105°	1743.7	1730.7	1678.8	1626.8	1678.8	1730.7	1743.7	1545.3	1280.8	1148.6	956.4
107.5°	1913.5	1916.6	1929.3	1941.8	1929.3	1916.6	1913.5	1636.7	1267.8	1083.2	913.7
110°	1957.0	1970.5	2024.8	2078.9	2024.8	1970.5	1957.0	1647.6	1235.1	1028.8	876.0



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1929.3	1950.0	2033.2	2116.4	2033.2	1950.0	1929.3	1612.7	1190.4	979.3	843.1
115°	1835.2	1864.1	1979.3	2094.7	1979.3	1864.1	1835.2	1530.2	1123.4	920.0	805.2
117.5°	1705.1	1737.1	1865.0	1992.9	1865.0	1737.1	1705.1	1429.8	1062.7	879.2	781.6
120°	1617.5	1648.6	1772.9	1897.2	1772.9	1648.6	1617.5	1366.0	1030.6	862.9	773.7
122.5°	1529.9	1560.6	1683.2	1805.8	1683.2	1560.6	1529.9	1303.4	1001.4	850.4	769.5
125°	1414.1	1442.3	1555.2	1668.1	1555.2	1442.3	1414.1	1221.6	965.1	836.8	766.1
127.5°	1321.0	1344.9	1440.2	1535.4	1440.2	1344.9	1321.0	1155.8	935.5	825.4	764.1
130°	1262.3	1284.2	1372.3	1460.3	1372.3	1284.2	1262.3	1115.2	919.0	821.0	765.3
132.5°	1212.2	1231.9	1310.8	1389.6	1310.8	1231.9	1212.2	1080.5	905.0	817.2	766.1
135°	1141.5	1158.5	1226.4	1294.4	1226.4	1158.5	1141.5	1031.2	884.2	810.6	765.3
137.5°	1089.3	1103.1	1158.8	1214.4	1158.8	1103.1	1089.3	996.0	871.8	809.6	770.1
140°	1047.3	1060.3	1112.4	1164.3	1112.4	1060.3	1047.3	966.8	859.5	805.8	770.8
142.5°	1017.9	1029.1	1073.9	1118.6	1073.9	1029.1	1017.9	947.2	852.9	805.8	773.6
145°	973.9	982.3	1016.3	1050.1	1016.3	982.3	973.9	916.1	838.9	800.4	773.7
147.5°	936.9	943.9	972.0	1000.0	972.0	943.9	936.9	891.4	830.7	800.4	778.9
150°	915.6	921.3	944.1	966.8	944.1	921.3	915.6	877.2	826.0	800.4	781.7
152.5°	898.8	903.1	920.3	937.4	920.3	903.1	898.8	866.0	822.2	800.4	783.5
155°	878.7	881.5	892.9	904.2	892.9	881.5	878.7	852.6	817.8	800.4	787.5
157.5°	861.3	863.3	871.2	879.2	871.2	863.3	861.3	841.0	813.9	800.4	791.5
160°	852.6	853.7	858.3	862.9	858.3	853.7	852.6	835.1	812.0	800.4	793.4
162.5°	844.4	845.4	849.8	854.2	849.8	845.4	844.4	829.7	810.1	800.4	795.3
165°	831.9	833.1	837.7	842.2	837.7	833.1	831.9	821.4	807.3	800.4	798.1
167.5°	826.4	826.9	828.9	830.8	828.9	826.9	826.4	819.5	810.4	805.8	803.8
170°	826.4	826.4	826.4	826.4	826.4	826.4	826.4	819.5	810.4	805.8	805.7
172.5°	822.1	821.6	820.0	818.3	820.0	821.6	822.1	816.7	809.4	805.8	805.8
175°	816.1	816.1	816.1	816.1	816.1	816.1	816.1	812.6	808.0	805.8	806.8
177.5°	815.0	814.5	812.6	810.6	812.6	814.5	815.0	812.3	808.7	806.9	807.8
180°	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1826.6	1826.6	1826.6	1826.6	1826.6
2.5°	1804.2	1812.8	1817.9	1824.8	1842.2
5°	1735.0	1767.9	1778.2	1804.2	1835.2
7.5°	1582.9	1683.1	1710.8	1773.0	1821.4
10°	1436.1	1536.3	1584.7	1731.5	1804.2
12.5°	1361.8	1420.5	1453.3	1659.0	1779.9
15°	1315.1	1356.5	1380.8	1562.2	1752.3
17.5°	1278.8	1308.1	1325.4	1467.1	1714.2
20°	1256.3	1270.1	1285.7	1398.0	1671.1
22.5°	1240.7	1232.1	1244.2	1349.6	1612.3
25°	1230.4	1197.6	1211.4	1311.6	1543.2
27.5°	1239.1	1166.4	1171.7	1277.1	1470.6
30°	1240.7	1128.4	1130.2	1240.7	1389.4
32.5°	1228.7	1088.7	1090.4	1195.8	1297.8
35°	1199.3	1042.0	1040.3	1144.0	1173.4
37.5°	1159.5	991.9	991.9	1087.0	1036.8
40°	1111.1	941.8	947.0	1012.7	915.9
42.5°	1052.4	888.3	895.1	914.2	826.0
45°	988.5	836.4	841.6	772.4	756.9
47.5°	917.6	782.8	784.6	641.1	734.4
50°	833.0	727.5	720.6	549.6	732.7
52.5°	758.7	667.0	646.3	497.7	665.3
55°	686.0	603.1	558.2	457.9	617.0
57.5°	622.1	520.2	476.9	411.3	606.6
60°	563.3	438.9	406.1	361.2	556.4
62.5°	514.9	378.5	371.6	326.6	504.6
65°	463.1	337.0	335.2	297.2	428.6
67.5°	413.0	309.3	307.6	269.5	326.6
70°	359.5	279.9	276.5	240.2	241.9
72.5°	304.2	247.1	243.6	216.0	200.5
75°	248.9	209.1	207.4	188.4	162.5
77.5°	195.2	165.9	169.3	152.1	119.2
80°	140.0	121.0	124.4	108.8	89.8
82.5°	93.3	79.5	82.9	69.2	60.5
85°	51.9	44.9	46.7	36.3	27.6
87.5°	24.2	20.8	20.8	13.9	8.6
90°	24.0	15.3	14.1	9.8	5.4
92.5°	147.6	105.0	95.7	58.8	21.8
95°	363.3	204.6	187.7	119.9	52.2
97.5°	489.3	224.7	209.8	150.1	90.3
100°	535.2	241.6	228.0	173.9	119.7
102.5°	556.3	258.5	245.8	195.3	144.8
105°	571.9	283.5	272.8	230.0	187.1
107.5°	574.8	320.5	310.5	270.6	230.7
110°	570.4	341.1	332.2	296.1	260.0



TEST NUMBER: P935238

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	570.6	366.2	357.6	323.3	288.9
115°	575.8	403.7	395.7	364.1	332.4
117.5°	586.4	440.1	433.0	404.2	375.4
120°	595.3	461.4	454.6	427.6	400.4
122.5°	607.7	486.4	479.6	452.2	424.9
125°	624.6	518.5	512.3	487.4	462.4
127.5°	641.5	549.6	543.3	518.1	493.0
130°	653.9	570.2	563.4	536.4	509.3
132.5°	663.8	587.1	580.3	553.2	526.1
135°	674.7	606.7	600.5	575.8	551.1
137.5°	691.0	631.7	625.6	601.1	576.7
140°	700.9	648.5	643.0	620.5	598.0
142.5°	709.3	661.1	655.9	635.1	614.3
145°	720.2	680.1	675.6	657.4	639.3
147.5°	736.1	704.0	699.5	681.9	664.3
150°	744.5	716.6	712.5	696.6	680.6
152.5°	749.9	724.7	721.7	709.7	697.5
155°	761.9	742.6	740.4	731.5	722.6
157.5°	773.8	760.6	758.4	749.8	741.1
160°	779.3	768.8	767.1	760.3	753.5
162.5°	785.1	777.5	776.2	771.1	766.1
165°	793.5	790.0	788.8	784.2	779.7
167.5°	799.9	797.0	796.5	794.3	792.2
170°	805.4	805.2	804.7	802.5	800.4
172.5°	805.8	805.8	805.7	805.1	804.7
175°	809.0	810.6	810.6	810.6	810.6
177.5°	809.4	810.6	810.6	810.6	810.6
180°	810.6	810.6	810.6	810.6	810.6



TEST NUMBER: P935238
 CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-3000K

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	12.98	13.82	13.96	14.81	16.12	15.81	16.65	16.79	17.64	18.95
	3H	13.46	14.21	14.45	15.21	16.54	17.15	17.90	18.14	18.90	20.23
	4H	13.65	14.36	14.65	15.36	16.70	17.59	18.30	18.60	19.31	20.64
	6H	13.77	14.42	14.78	15.43	16.78	17.87	18.53	18.89	19.54	20.89
	8H	13.77	14.39	14.79	15.42	16.76	17.95	18.57	18.97	19.60	20.94
	12H	13.74	14.33	14.76	15.35	16.72	17.98	18.58	19.01	19.60	20.97
4H	2H	14.01	14.72	15.02	15.73	17.06	16.21	16.93	17.22	17.93	19.27
	3H	15.04	15.63	16.05	16.66	18.01	17.72	18.31	18.73	19.34	20.69
	4H	15.31	15.85	16.34	16.88	18.25	18.24	18.78	19.27	19.81	21.18
	6H	15.44	15.90	16.47	16.95	18.32	18.60	19.07	19.64	20.12	21.49
	8H	15.44	15.88	16.48	16.92	18.30	18.71	19.15	19.75	20.19	21.57
	12H	15.41	15.80	16.46	16.86	18.25	18.77	19.16	19.82	20.22	21.61
8H	4H	15.76	16.20	16.80	17.24	18.63	18.37	18.80	19.40	19.84	21.23
	6H	16.02	16.38	17.08	17.47	18.85	18.80	19.16	19.86	20.24	21.63
	8H	16.07	16.38	17.13	17.45	18.85	18.95	19.27	20.02	20.33	21.74
	12H	16.05	16.33	17.12	17.39	18.83	19.05	19.32	20.12	20.39	21.83
12H	4H	15.77	16.16	16.82	17.22	18.61	18.33	18.72	19.38	19.78	21.17
	6H	16.08	16.40	17.15	17.47	18.87	18.80	19.11	19.87	20.18	21.58
	8H	16.15	16.43	17.22	17.49	18.93	18.96	19.23	20.03	20.30	21.74