

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: P935143

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935143
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

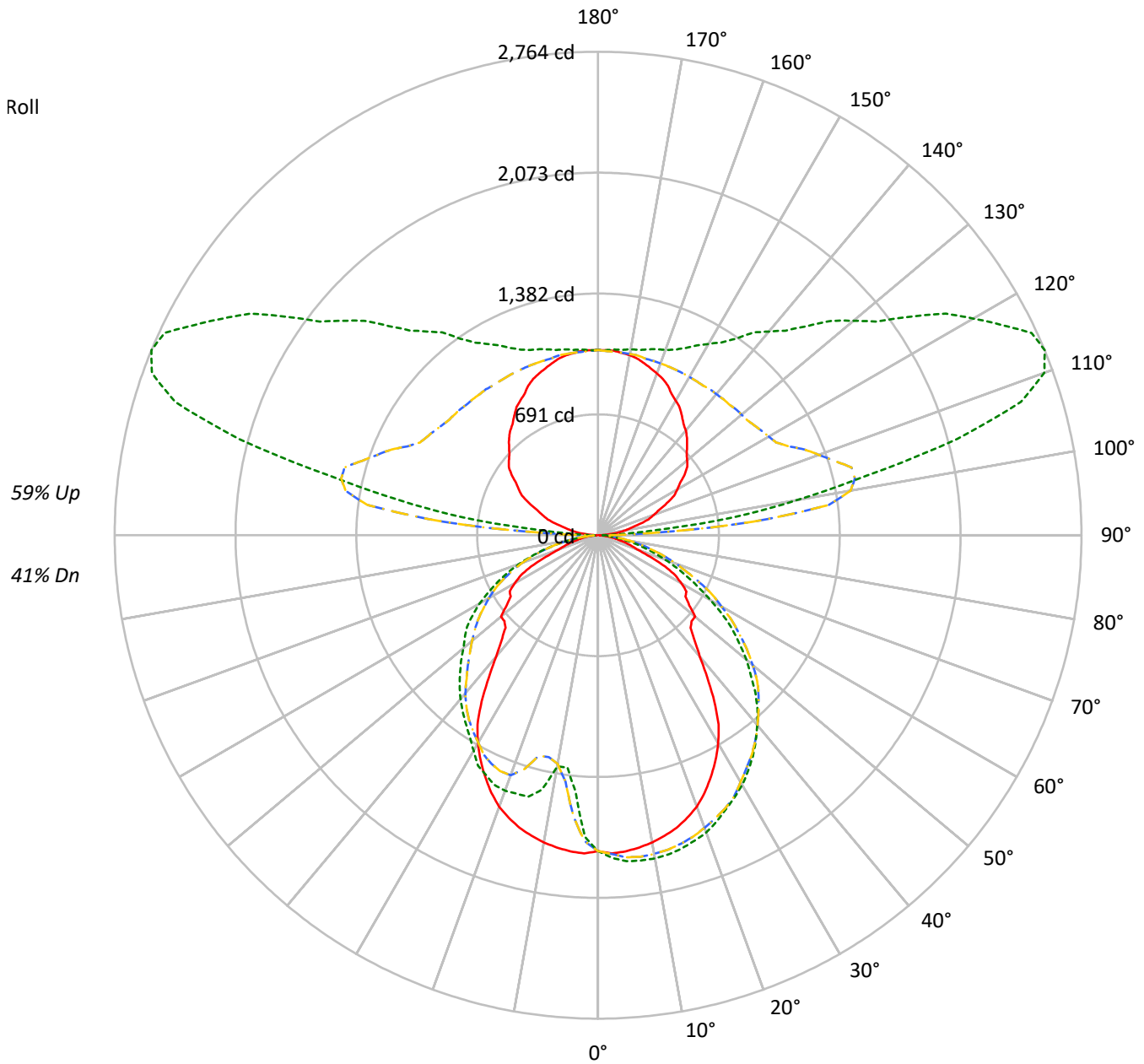
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11548.7 lumens
Efficiency: N/A
Efficacy: 117.4 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): 98.4
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	0
RCR																		
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8377	8377	8377	8377
5°	8440	8456	8440	6649
10°	8383	8330	8383	5955
15°	8292	8149	8292	6805
20°	8119	7936	8119	6819
25°	7764	7624	7764	6674
30°	7305	7365	7305	6357
35°	6512	7037	6512	6009
40°	5427	6652	5427	5745
45°	4849	6201	4849	5442
50°	5151	5663	5151	5139
55°	4846	5083	4846	4962
60°	4996	4317	4996	4545
65°	4529	3568	4529	3989
70°	3137	2844	3137	3344
75°	2751	2102	2751	2518
80°	2216	1389	2216	1513
85°	1272	736	1272	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7431 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.0	1.4
10°-20°	462.7	4.0
20°-30°	715.3	6.2
30°-40°	853.9	7.4
40°-50°	859.0	7.4
50°-60°	747.4	6.5
60°-70°	529.9	4.6
70°-80°	280.4	2.4
80°-90°	73.9	0.6
90°-100°	516.1	4.5
100°-110°	1356.8	11.7
110°-120°	1406.8	12.2
120°-130°	1128.4	9.8
130°-140°	885.4	7.7
140°-150°	679.6	5.9
150°-160°	489.4	4.2
160°-170°	299.5	2.6
170°-180°	101.2	0.9
0°-30°	1341.1	11.6
0°-40°	2195.0	19.0
0°-60°	3801.4	32.9
0°-90°	4685.5	40.6
90°-120°	3279.7	28.4
90°-150°	5973.1	51.7
90°-180°	6863.0	59.4
0°-180°	11548.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1806	1806	1806	1806	1806	
5°	1814	1870	1814	1471	1814	172
15°	1732	1853	1732	1548	1732	487
25°	1525	1729	1525	1513	1525	700
35°	1160	1542	1160	1317	1160	718
45°	748	1271	748	1115	748	599
55°	610	938	610	916	610	560
65°	424	565	424	632	424	405
75°	161	268	161	321	161	169
85°	27	68	27	58	27	37
90°	7	27	7	27	7	7
95°	68	312	68	312	68	76
105°	244	2124	244	2124	244	259
115°	434	2736	434	2736	434	429
125°	604	2178	604	2178	604	536
135°	720	1690	720	1690	720	557
145°	835	1371	835	1371	835	523
155°	944	1181	944	1181	944	434
165°	1018	1100	1018	1100	1018	287
175°	1059	1066	1059	1066	1059	100
180°	1059	1059	1059	1059	1059	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1820.9	1820.9	1831.2	1834.6	1834.6	1829.5	1824.3	1829.5	1844.8	1850.0	1848.2
5°	1814.1	1827.7	1846.5	1850.0	1853.4	1851.7	1848.2	1851.7	1868.7	1872.2	1873.9
7.5°	1800.4	1826.0	1850.0	1855.1	1860.2	1855.1	1853.4	1856.8	1873.9	1877.3	1877.3
10°	1783.3	1819.2	1846.5	1850.0	1855.1	1850.0	1850.0	1856.8	1873.9	1877.3	1879.0
12.5°	1759.4	1809.0	1834.6	1838.0	1844.8	1843.1	1841.4	1848.2	1865.3	1868.7	1868.7
15°	1732.1	1790.2	1814.1	1817.5	1829.5	1826.0	1826.0	1832.9	1851.7	1856.8	1855.1
17.5°	1694.5	1766.3	1793.6	1798.7	1807.2	1805.5	1807.2	1814.1	1831.2	1834.6	1836.3
20°	1651.8	1733.8	1766.3	1771.4	1779.9	1779.9	1779.9	1788.5	1805.5	1812.4	1812.4
22.5°	1593.7	1699.6	1733.8	1737.2	1747.5	1747.5	1750.9	1762.8	1778.2	1779.9	1779.9
25°	1525.4	1662.0	1691.1	1701.3	1711.6	1716.7	1721.8	1728.7	1733.8	1732.1	1733.8
27.5°	1453.6	1614.2	1651.8	1658.6	1672.3	1677.4	1684.3	1686.0	1687.7	1692.8	1689.4
30°	1373.4	1547.6	1604.0	1610.8	1633.0	1636.4	1629.6	1633.0	1641.5	1645.0	1648.4
32.5°	1282.8	1448.5	1554.4	1569.8	1590.3	1580.1	1578.3	1583.5	1597.1	1597.1	1600.6
35°	1159.8	1371.6	1508.3	1522.0	1537.3	1525.4	1532.2	1533.9	1542.5	1547.6	1545.9
37.5°	1024.9	1305.0	1460.5	1470.7	1482.7	1467.3	1477.6	1482.7	1489.5	1486.1	1486.1
40°	905.4	1200.8	1404.1	1410.9	1421.2	1409.2	1419.5	1422.9	1426.3	1422.9	1421.2
42.5°	816.5	1086.4	1344.3	1352.9	1346.0	1354.6	1358.0	1364.8	1359.7	1352.9	1352.9
45°	748.2	1055.6	1279.4	1289.6	1279.4	1293.1	1298.2	1298.2	1282.8	1279.4	1277.7
47.5°	726.0	994.2	1214.5	1214.5	1209.4	1226.4	1235.0	1223.0	1207.7	1202.5	1202.5
50°	724.3	925.9	1125.7	1118.8	1142.7	1163.2	1154.7	1142.7	1130.8	1112.0	1112.0
52.5°	657.7	842.2	1011.3	1036.8	1074.4	1086.4	1072.7	1060.7	1040.2	1031.7	1024.9
55°	609.8	755.0	907.1	958.3	997.6	1013.0	987.4	975.4	944.7	939.5	936.1
57.5°	599.6	628.6	811.4	876.3	924.2	922.5	907.1	884.9	859.3	854.1	852.4
60°	550.1	454.4	708.9	785.8	835.3	830.2	816.5	796.0	772.1	768.7	765.3
62.5°	498.8	329.7	592.8	679.9	749.9	748.2	736.3	705.5	688.4	679.9	673.1
65°	423.6	276.7	421.9	565.4	666.2	669.6	644.0	621.8	603.0	592.8	591.1
67.5°	322.9	225.5	285.3	471.5	585.9	582.5	550.1	539.8	515.9	510.8	500.5
70°	239.2	150.3	198.2	382.6	507.4	498.8	473.2	461.2	439.0	427.1	420.2
72.5°	198.2	121.3	145.2	297.2	427.1	416.8	394.6	380.9	362.2	351.9	345.1
75°	160.6	128.1	111.0	220.4	346.8	339.9	319.4	305.8	290.4	276.7	278.4
77.5°	117.9	119.6	88.8	162.3	275.0	264.8	252.8	235.7	228.9	215.2	215.2
80°	88.8	94.0	66.6	111.0	198.2	198.2	187.9	176.0	164.0	157.2	157.2
82.5°	59.8	59.8	49.5	70.0	135.0	129.8	123.0	119.6	112.7	109.3	109.3
85°	27.3	34.2	30.7	42.7	73.5	76.9	76.9	73.5	71.7	68.3	70.0
87.5°	8.5	15.4	18.8	23.9	37.6	39.3	41.0	41.0	41.0	42.7	42.7
90°	7.1	12.8	18.4	19.9	31.3	46.4	54.0	48.0	36.0	27.0	27.0
92.5°	28.4	76.8	125.1	137.2	192.8	267.0	304.1	266.5	191.4	135.0	129.7
95°	68.2	156.6	245.0	267.2	474.4	750.7	888.9	793.2	601.8	458.3	442.1
97.5°	118.0	195.9	274.0	293.5	639.1	1099.8	1330.1	1269.7	1148.7	1058.0	1027.1
100°	156.3	227.0	297.8	315.5	698.9	1210.2	1465.9	1470.3	1479.1	1485.8	1448.9
102.5°	189.0	255.0	321.0	337.5	726.4	1244.9	1504.2	1581.2	1735.4	1851.0	1819.4
105°	244.5	300.3	356.2	370.2	746.8	1248.9	1499.9	1672.6	2018.1	2277.3	2260.3
107.5°	301.3	353.4	405.5	418.5	750.6	1193.3	1414.7	1655.6	2137.5	2498.9	2503.0
110°	339.6	386.7	433.7	445.5	744.9	1144.0	1343.6	1613.0	2151.7	2555.8	2573.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	377.3	422.1	467.0	478.2	745.1	1101.1	1279.0	1554.7	2106.0	2519.6	2546.8
115°	434.2	475.5	516.9	527.3	752.0	1051.7	1201.5	1467.1	1998.3	2396.7	2434.4
117.5°	490.3	527.9	565.4	574.8	766.0	1020.8	1148.2	1387.9	1867.3	2226.8	2268.6
120°	523.0	558.3	593.7	602.5	777.3	1010.4	1126.9	1345.9	1783.9	2112.4	2153.0
122.5°	554.9	590.6	626.3	635.2	793.7	1004.9	1110.5	1307.8	1702.2	1998.1	2038.1
125°	604.0	636.5	669.0	677.2	815.7	1000.4	1092.8	1260.4	1595.4	1846.7	1883.6
127.5°	643.8	676.6	709.4	717.6	837.7	997.9	1077.9	1221.7	1509.4	1725.2	1756.3
130°	665.0	700.4	735.7	744.6	853.8	999.4	1072.2	1200.2	1456.4	1648.5	1677.2
132.5°	687.1	722.4	757.8	766.7	866.9	1000.4	1067.2	1181.9	1411.1	1583.0	1608.8
135°	719.8	752.0	784.3	792.3	881.1	999.5	1058.7	1154.7	1346.7	1490.7	1512.9
137.5°	753.2	785.0	817.0	824.9	902.4	1005.7	1057.2	1138.4	1300.8	1422.5	1440.7
140°	780.8	810.2	839.6	847.0	915.4	1006.7	1052.3	1122.4	1262.7	1367.8	1384.8
142.5°	802.2	829.4	856.5	863.3	926.3	1010.3	1052.3	1113.9	1237.0	1329.5	1344.1
145°	834.9	858.6	882.3	888.2	940.6	1010.3	1045.2	1095.6	1196.3	1271.9	1282.9
147.5°	867.5	890.6	913.7	919.5	961.4	1017.3	1045.2	1084.8	1164.1	1223.5	1232.7
150°	888.9	909.7	930.6	935.8	972.3	1020.9	1045.2	1078.7	1145.6	1195.9	1203.3
152.5°	910.9	926.7	942.5	946.5	979.3	1023.2	1045.2	1073.8	1131.0	1173.8	1179.5
155°	943.6	955.3	967.0	969.9	995.0	1028.5	1045.2	1067.9	1113.4	1147.5	1151.2
157.5°	967.7	979.1	990.5	993.4	1010.6	1033.7	1045.2	1062.9	1098.2	1124.8	1127.4
160°	984.1	993.0	1001.8	1004.0	1017.8	1036.1	1045.2	1060.4	1090.7	1113.4	1115.0
162.5°	1000.4	1007.1	1013.8	1015.4	1025.3	1038.5	1045.2	1058.0	1083.5	1102.8	1104.2
165°	1018.2	1024.2	1030.2	1031.7	1036.2	1042.2	1045.2	1054.3	1072.7	1086.5	1088.0
167.5°	1034.5	1037.3	1040.2	1040.9	1044.7	1049.7	1052.3	1058.3	1070.3	1079.3	1079.9
170°	1045.2	1048.0	1050.9	1051.6	1051.9	1052.1	1052.3	1058.3	1070.3	1079.3	1079.3
172.5°	1050.9	1051.5	1052.1	1052.3	1052.3	1052.3	1052.3	1057.1	1066.5	1073.6	1073.1
175°	1058.7	1058.7	1058.7	1058.7	1056.6	1053.7	1052.3	1055.3	1061.3	1065.8	1065.8
177.5°	1058.7	1058.7	1058.7	1058.7	1057.1	1054.8	1053.7	1056.1	1060.8	1064.4	1063.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1851.7	1846.5	1851.7	1848.2	1850.0	1844.8	1829.5	1824.3	1829.5	1834.6	1834.6
5°	1873.9	1870.5	1873.9	1873.9	1872.2	1868.7	1851.7	1848.2	1851.7	1853.4	1850.0
7.5°	1880.7	1875.6	1880.7	1877.3	1877.3	1873.9	1856.8	1853.4	1855.1	1860.2	1855.1
10°	1880.7	1875.6	1880.7	1879.0	1877.3	1873.9	1856.8	1850.0	1850.0	1855.1	1850.0
12.5°	1872.2	1868.7	1872.2	1868.7	1868.7	1865.3	1848.2	1841.4	1843.1	1844.8	1838.0
15°	1858.5	1853.4	1858.5	1855.1	1856.8	1851.7	1832.9	1826.0	1826.0	1829.5	1817.5
17.5°	1838.0	1831.2	1838.0	1836.3	1834.6	1831.2	1814.1	1807.2	1805.5	1807.2	1798.7
20°	1814.1	1809.0	1814.1	1812.4	1812.4	1805.5	1788.5	1779.9	1779.9	1779.9	1771.4
22.5°	1776.5	1771.4	1776.5	1779.9	1779.9	1778.2	1762.8	1750.9	1747.5	1747.5	1737.2
25°	1733.8	1728.7	1733.8	1733.8	1732.1	1733.8	1728.7	1721.8	1716.7	1711.6	1701.3
27.5°	1692.8	1689.4	1692.8	1689.4	1692.8	1687.7	1686.0	1684.3	1677.4	1672.3	1658.6
30°	1651.8	1648.4	1651.8	1648.4	1645.0	1641.5	1633.0	1629.6	1636.4	1633.0	1610.8
32.5°	1600.6	1597.1	1600.6	1600.6	1597.1	1597.1	1583.5	1578.3	1580.1	1590.3	1569.8
35°	1547.6	1542.5	1547.6	1545.9	1547.6	1542.5	1533.9	1532.2	1525.4	1537.3	1522.0
37.5°	1486.1	1481.0	1486.1	1486.1	1486.1	1489.5	1482.7	1477.6	1467.3	1482.7	1470.7
40°	1422.9	1416.1	1422.9	1421.2	1422.9	1426.3	1422.9	1419.5	1409.2	1421.2	1410.9
42.5°	1351.1	1349.4	1351.1	1352.9	1352.9	1359.7	1364.8	1358.0	1354.6	1346.0	1352.9
45°	1274.3	1270.9	1274.3	1277.7	1279.4	1282.8	1298.2	1298.2	1293.1	1279.4	1289.6
47.5°	1192.3	1183.7	1192.3	1202.5	1202.5	1207.7	1223.0	1235.0	1226.4	1209.4	1214.5
50°	1105.2	1106.9	1105.2	1112.0	1112.0	1130.8	1142.7	1154.7	1163.2	1142.7	1118.8
52.5°	1019.7	1018.1	1019.7	1024.9	1031.7	1040.2	1060.7	1072.7	1086.4	1074.4	1036.8
55°	934.4	937.8	934.4	936.1	939.5	944.7	975.4	987.4	1013.0	997.6	958.3
57.5°	849.0	843.9	849.0	852.4	854.1	859.3	884.9	907.1	922.5	924.2	876.3
60°	749.9	743.1	749.9	765.3	768.7	772.1	796.0	816.5	830.2	835.3	785.8
62.5°	662.8	650.8	662.8	673.1	679.9	688.4	705.5	736.3	748.2	749.9	679.9
65°	570.6	565.4	570.6	591.1	592.8	603.0	621.8	644.0	669.6	666.2	565.4
67.5°	486.9	486.9	486.9	500.5	510.8	515.9	539.8	550.1	582.5	585.9	471.5
70°	410.0	408.3	410.0	420.2	427.1	439.0	461.2	473.2	498.8	507.4	382.6
72.5°	336.5	334.8	336.5	345.1	351.9	362.2	380.9	394.6	416.8	427.1	297.2
75°	271.6	268.2	271.6	278.4	276.7	290.4	305.8	319.4	339.9	346.8	220.4
77.5°	208.4	208.4	208.4	215.2	215.2	228.9	235.7	252.8	264.8	275.0	162.3
80°	155.5	153.7	155.5	157.2	157.2	164.0	176.0	187.9	198.2	198.2	111.0
82.5°	109.3	105.9	109.3	109.3	109.3	112.7	119.6	123.0	129.8	135.0	70.0
85°	68.3	68.3	68.3	70.0	68.3	71.7	73.5	76.9	76.9	73.5	42.7
87.5°	44.4	42.7	44.4	42.7	42.7	41.0	41.0	41.0	39.3	37.6	23.9
90°	27.0	27.0	27.0	27.0	27.0	36.0	48.0	54.0	46.4	31.3	19.9
92.5°	108.2	86.7	108.2	129.7	135.0	191.4	266.5	304.1	267.0	192.8	137.2
95°	377.0	311.9	377.0	442.1	458.3	601.8	793.2	888.9	750.7	474.4	267.2
97.5°	903.2	779.5	903.2	1027.1	1058.0	1148.7	1269.7	1330.1	1099.8	639.1	293.5
100°	1301.4	1153.9	1301.4	1448.9	1485.8	1479.1	1470.3	1465.9	1210.2	698.9	315.5
102.5°	1693.1	1566.7	1693.1	1819.4	1851.0	1735.4	1581.2	1504.2	1244.9	726.4	337.5
105°	2192.4	2124.5	2192.4	2260.3	2277.3	2018.1	1672.6	1499.9	1248.9	746.8	370.2
107.5°	2519.5	2535.9	2519.5	2503.0	2498.9	2137.5	1655.6	1414.7	1193.3	750.6	418.5
110°	2644.2	2714.9	2644.2	2573.5	2555.8	2151.7	1613.0	1343.6	1144.0	744.9	445.5



TEST NUMBER: P935143

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2655.3	2764.0	2655.3	2546.8	2519.6	2106.0	1554.7	1279.0	1101.1	745.1	478.2
115°	2584.9	2735.6	2584.9	2434.4	2396.7	1998.3	1467.1	1201.5	1051.7	752.0	527.3
117.5°	2435.6	2602.7	2435.6	2268.6	2226.8	1867.3	1387.9	1148.2	1020.8	766.0	574.8
120°	2315.4	2477.7	2315.4	2153.0	2112.4	1783.9	1345.9	1126.9	1010.4	777.3	602.5
122.5°	2198.2	2358.2	2198.2	2038.1	1998.1	1702.2	1307.8	1110.5	1004.9	793.7	635.2
125°	2031.0	2178.5	2031.0	1883.6	1846.7	1595.4	1260.4	1092.8	1000.4	815.7	677.2
127.5°	1880.7	2005.2	1880.7	1756.3	1725.2	1509.4	1221.7	1077.9	997.9	837.7	717.6
130°	1792.1	1907.1	1792.1	1677.2	1648.5	1456.4	1200.2	1072.2	999.4	853.8	744.6
132.5°	1711.8	1814.7	1711.8	1608.8	1583.0	1411.1	1181.9	1067.2	1000.4	866.9	766.7
135°	1601.7	1690.4	1601.7	1512.9	1490.7	1346.7	1154.7	1058.7	999.5	881.1	792.3
137.5°	1513.3	1585.9	1513.3	1440.7	1422.5	1300.8	1138.4	1057.2	1005.7	902.4	824.9
140°	1452.6	1520.5	1452.6	1384.8	1367.8	1262.7	1122.4	1052.3	1006.7	915.4	847.0
142.5°	1402.5	1460.9	1402.5	1344.1	1329.5	1237.0	1113.9	1052.3	1010.3	926.3	863.3
145°	1327.1	1371.3	1327.1	1282.9	1271.9	1196.3	1095.6	1045.2	1010.3	940.6	888.2
147.5°	1269.3	1306.0	1269.3	1232.7	1223.5	1164.1	1084.8	1045.2	1017.3	961.4	919.5
150°	1232.9	1262.7	1232.9	1203.3	1195.9	1145.6	1078.7	1045.2	1020.9	972.3	935.8
152.5°	1201.8	1224.2	1201.8	1179.5	1173.8	1131.0	1073.8	1045.2	1023.2	979.3	946.5
155°	1166.1	1180.9	1166.1	1151.2	1147.5	1113.4	1067.9	1045.2	1028.5	995.0	969.9
157.5°	1137.8	1148.2	1137.8	1127.4	1124.8	1098.2	1062.9	1045.2	1033.7	1010.6	993.4
160°	1121.0	1126.9	1121.0	1115.0	1113.4	1090.7	1060.4	1045.2	1036.1	1017.8	1004.0
162.5°	1109.9	1115.6	1109.9	1104.2	1102.8	1083.5	1058.0	1045.2	1038.5	1025.3	1015.4
165°	1094.0	1099.9	1094.0	1088.0	1086.5	1072.7	1054.3	1045.2	1042.2	1036.2	1031.7
167.5°	1082.4	1085.0	1082.4	1079.9	1079.3	1070.3	1058.3	1052.3	1049.7	1044.7	1040.9
170°	1079.3	1079.3	1079.3	1079.3	1079.3	1070.3	1058.3	1052.3	1052.1	1051.9	1051.6
172.5°	1070.9	1068.7	1070.9	1073.1	1073.6	1066.5	1057.1	1052.3	1052.3	1052.3	1052.3
175°	1065.8	1065.8	1065.8	1065.8	1065.8	1061.3	1055.3	1052.3	1053.7	1056.6	1058.7
177.5°	1061.3	1058.7	1061.3	1063.8	1064.4	1060.8	1056.1	1053.7	1054.8	1057.1	1058.7
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



TEST NUMBER: P935143

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1831.2	1820.9	1820.9	1803.8	1797.0	1791.9	1783.3	1757.7	1750.9	1744.0	1754.3
5°	1846.5	1827.7	1814.1	1783.3	1757.7	1747.5	1715.0	1653.5	1612.5	1581.8	1564.7
7.5°	1850.0	1826.0	1800.4	1752.6	1691.1	1663.8	1564.7	1451.9	1421.2	1393.9	1376.8
10°	1846.5	1819.2	1783.3	1711.6	1566.4	1518.6	1419.5	1346.0	1327.2	1322.1	1327.2
12.5°	1834.6	1809.0	1759.4	1639.8	1436.6	1404.1	1346.0	1303.3	1299.9	1308.4	1354.6
15°	1814.1	1790.2	1732.1	1544.2	1364.8	1340.9	1299.9	1284.5	1303.3	1363.1	1501.5
17.5°	1793.6	1766.3	1694.5	1450.2	1310.1	1293.1	1264.0	1294.8	1400.7	1481.0	1527.1
20°	1766.3	1733.8	1651.8	1381.9	1270.9	1255.5	1241.8	1380.2	1460.5	1489.5	1515.1
22.5°	1733.8	1699.6	1593.7	1334.1	1229.9	1217.9	1226.4	1428.0	1460.5	1481.0	1503.2
25°	1691.1	1662.0	1525.4	1296.5	1197.4	1183.7	1216.2	1422.9	1441.7	1446.8	1491.2
27.5°	1651.8	1614.2	1453.6	1262.3	1158.1	1153.0	1224.7	1400.7	1414.4	1419.5	1467.3
30°	1604.0	1547.6	1373.4	1226.4	1117.1	1115.4	1226.4	1373.4	1369.9	1383.6	1431.4
32.5°	1554.4	1448.5	1282.8	1182.0	1077.8	1076.1	1214.5	1332.4	1328.9	1347.7	1383.6
35°	1508.3	1371.6	1159.8	1130.8	1028.3	1030.0	1185.4	1284.5	1286.2	1303.3	1325.5
37.5°	1460.5	1305.0	1024.9	1074.4	980.5	980.5	1146.2	1240.1	1236.7	1241.8	1272.6
40°	1404.1	1200.8	905.4	1001.0	936.1	931.0	1098.3	1192.3	1180.3	1178.6	1221.3
42.5°	1344.3	1086.4	816.5	903.7	884.9	878.0	1040.2	1134.2	1112.0	1117.1	1171.8
45°	1279.4	1055.6	748.2	763.6	831.9	826.8	977.1	1067.6	1052.2	1065.9	1122.2
47.5°	1214.5	994.2	726.0	633.8	775.5	773.8	907.1	1002.7	994.2	1007.9	1067.6
50°	1125.7	925.9	724.3	543.2	712.3	719.2	823.4	939.5	939.5	951.5	1014.7
52.5°	1011.3	842.2	657.7	492.0	638.9	659.4	749.9	884.9	888.3	900.3	956.6
55°	907.1	755.0	609.8	452.7	551.8	596.2	678.2	828.5	835.3	847.3	898.5
57.5°	811.4	628.6	599.6	406.6	471.5	514.2	615.0	773.8	777.3	787.5	837.0
60°	708.9	454.4	550.1	357.0	401.4	433.9	556.9	708.9	720.9	727.7	770.4
62.5°	592.8	329.7	498.8	322.9	367.3	374.1	509.1	647.4	662.8	667.9	693.6
65°	421.9	276.7	423.6	293.8	331.4	333.1	457.8	584.2	597.9	606.4	625.2
67.5°	285.3	225.5	322.9	266.5	304.1	305.8	408.3	510.8	529.6	536.4	548.4
70°	198.2	150.3	239.2	237.4	273.3	276.7	355.3	444.1	461.2	466.4	473.2
72.5°	145.2	121.3	198.2	213.5	240.9	244.3	300.7	369.0	386.1	391.2	394.6
75°	111.0	128.1	160.6	186.2	205.0	206.7	246.0	300.7	312.6	316.0	317.7
77.5°	88.8	119.6	117.9	150.3	167.4	164.0	193.0	232.3	242.6	242.6	242.6
80°	66.6	94.0	88.8	107.6	123.0	119.6	138.4	165.7	169.1	172.5	170.8
82.5°	49.5	59.8	59.8	68.3	82.0	78.6	92.2	107.6	107.6	107.6	111.0
85°	30.7	34.2	27.3	35.9	46.1	44.4	51.2	58.1	59.8	59.8	56.4
87.5°	18.8	15.4	8.5	13.7	20.5	20.5	23.9	25.6	23.9	23.9	23.9
90°	18.4	12.8	7.1	12.8	18.4	19.9	31.3	46.4	54.0	48.0	36.0
92.5°	125.1	76.8	28.4	76.8	125.1	137.2	192.8	267.0	304.1	266.5	191.4
95°	245.0	156.6	68.2	156.6	245.0	267.2	474.4	750.7	888.9	793.2	601.8
97.5°	274.0	195.9	118.0	195.9	274.0	293.5	639.1	1099.8	1330.1	1269.7	1148.7
100°	297.8	227.0	156.3	227.0	297.8	315.5	698.9	1210.2	1465.9	1470.3	1479.1
102.5°	321.0	255.0	189.0	255.0	321.0	337.5	726.4	1244.9	1504.2	1581.2	1735.4
105°	356.2	300.3	244.5	300.3	356.2	370.2	746.8	1248.9	1499.9	1672.6	2018.1
107.5°	405.5	353.4	301.3	353.4	405.5	418.5	750.6	1193.3	1414.7	1655.6	2137.5
110°	433.7	386.7	339.6	386.7	433.7	445.5	744.9	1144.0	1343.6	1613.0	2151.7



TEST NUMBER: P935143

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	467.0	422.1	377.3	422.1	467.0	478.2	745.1	1101.1	1279.0	1554.7	2106.0
115°	516.9	475.5	434.2	475.5	516.9	527.3	752.0	1051.7	1201.5	1467.1	1998.3
117.5°	565.4	527.9	490.3	527.9	565.4	574.8	766.0	1020.8	1148.2	1387.9	1867.3
120°	593.7	558.3	523.0	558.3	593.7	602.5	777.3	1010.4	1126.9	1345.9	1783.9
122.5°	626.3	590.6	554.9	590.6	626.3	635.2	793.7	1004.9	1110.5	1307.8	1702.2
125°	669.0	636.5	604.0	636.5	669.0	677.2	815.7	1000.4	1092.8	1260.4	1595.4
127.5°	709.4	676.6	643.8	676.6	709.4	717.6	837.7	997.9	1077.9	1221.7	1509.4
130°	735.7	700.4	665.0	700.4	735.7	744.6	853.8	999.4	1072.2	1200.2	1456.4
132.5°	757.8	722.4	687.1	722.4	757.8	766.7	866.9	1000.4	1067.2	1181.9	1411.1
135°	784.3	752.0	719.8	752.0	784.3	792.3	881.1	999.5	1058.7	1154.7	1346.7
137.5°	817.0	785.0	753.2	785.0	817.0	824.9	902.4	1005.7	1057.2	1138.4	1300.8
140°	839.6	810.2	780.8	810.2	839.6	847.0	915.4	1006.7	1052.3	1122.4	1262.7
142.5°	856.5	829.4	802.2	829.4	856.5	863.3	926.3	1010.3	1052.3	1113.9	1237.0
145°	882.3	858.6	834.9	858.6	882.3	888.2	940.6	1010.3	1045.2	1095.6	1196.3
147.5°	913.7	890.6	867.5	890.6	913.7	919.5	961.4	1017.3	1045.2	1084.8	1164.1
150°	930.6	909.7	888.9	909.7	930.6	935.8	972.3	1020.9	1045.2	1078.7	1145.6
152.5°	942.5	926.7	910.9	926.7	942.5	946.5	979.3	1023.2	1045.2	1073.8	1131.0
155°	967.0	955.3	943.6	955.3	967.0	969.9	995.0	1028.5	1045.2	1067.9	1113.4
157.5°	990.5	979.1	967.7	979.1	990.5	993.4	1010.6	1033.7	1045.2	1062.9	1098.2
160°	1001.8	993.0	984.1	993.0	1001.8	1004.0	1017.8	1036.1	1045.2	1060.4	1090.7
162.5°	1013.8	1007.1	1000.4	1007.1	1013.8	1015.4	1025.3	1038.5	1045.2	1058.0	1083.5
165°	1030.2	1024.2	1018.2	1024.2	1030.2	1031.7	1036.2	1042.2	1045.2	1054.3	1072.7
167.5°	1040.2	1037.3	1034.5	1037.3	1040.2	1040.9	1044.7	1049.7	1052.3	1058.3	1070.3
170°	1050.9	1048.0	1045.2	1048.0	1050.9	1051.6	1051.9	1052.1	1052.3	1058.3	1070.3
172.5°	1052.1	1051.5	1050.9	1051.5	1052.1	1052.3	1052.3	1052.3	1052.3	1057.1	1066.5
175°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1056.6	1053.7	1052.3	1055.3	1061.3
177.5°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1057.1	1054.8	1053.7	1056.1	1060.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



TEST NUMBER: P935143

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1742.3	1737.2	1744.0	1725.3	1744.0	1737.2	1742.3	1754.3	1744.0	1750.9	1757.7
5°	1528.8	1520.3	1492.9	1470.7	1492.9	1520.3	1528.8	1564.7	1581.8	1612.5	1653.5
7.5°	1366.5	1359.7	1352.9	1339.2	1352.9	1359.7	1366.5	1376.8	1393.9	1421.2	1451.9
10°	1330.6	1332.4	1342.6	1340.9	1342.6	1332.4	1330.6	1327.2	1322.1	1327.2	1346.0
12.5°	1422.9	1438.3	1494.6	1491.2	1494.6	1438.3	1422.9	1354.6	1308.4	1299.9	1303.3
15°	1528.8	1533.9	1545.9	1547.6	1545.9	1533.9	1528.8	1501.5	1363.1	1303.3	1284.5
17.5°	1539.1	1540.8	1549.3	1549.3	1549.3	1540.8	1539.1	1527.1	1481.0	1400.7	1294.8
20°	1530.5	1533.9	1551.0	1554.4	1551.0	1533.9	1530.5	1515.1	1489.5	1460.5	1380.2
22.5°	1527.1	1533.9	1547.6	1545.9	1547.6	1533.9	1527.1	1503.2	1481.0	1460.5	1428.0
25°	1510.0	1510.0	1511.7	1513.4	1511.7	1510.0	1510.0	1491.2	1446.8	1441.7	1422.9
27.5°	1474.1	1477.6	1487.8	1486.1	1487.8	1477.6	1474.1	1467.3	1419.5	1414.4	1400.7
30°	1441.7	1438.3	1429.7	1422.9	1429.7	1438.3	1441.7	1431.4	1383.6	1369.9	1373.4
32.5°	1387.0	1378.5	1369.9	1364.8	1369.9	1378.5	1387.0	1383.6	1347.7	1328.9	1332.4
35°	1322.1	1323.8	1322.1	1317.0	1322.1	1323.8	1322.1	1325.5	1303.3	1286.2	1284.5
37.5°	1276.0	1279.4	1277.7	1270.9	1277.7	1279.4	1276.0	1272.6	1241.8	1236.7	1240.1
40°	1228.2	1229.9	1228.2	1223.0	1228.2	1229.9	1228.2	1221.3	1178.6	1180.3	1192.3
42.5°	1182.0	1180.3	1175.2	1171.8	1175.2	1180.3	1182.0	1171.8	1117.1	1112.0	1134.2
45°	1129.1	1130.8	1120.5	1115.4	1120.5	1130.8	1129.1	1122.2	1065.9	1052.2	1067.6
47.5°	1076.1	1076.1	1067.6	1062.4	1067.6	1076.1	1076.1	1067.6	1007.9	994.2	1002.7
50°	1019.7	1018.1	1006.2	1004.5	1006.2	1018.1	1019.7	1014.7	951.5	939.5	939.5
52.5°	954.9	954.9	956.6	960.0	956.6	954.9	954.9	956.6	900.3	888.3	884.9
55°	898.5	900.3	912.2	915.6	912.2	900.3	898.5	898.5	847.3	835.3	828.5
57.5°	840.5	840.5	849.0	849.0	849.0	840.5	840.5	837.0	787.5	777.3	773.8
60°	773.8	777.3	784.1	782.4	784.1	777.3	773.8	770.4	727.7	720.9	708.9
62.5°	703.8	707.2	708.9	705.5	708.9	707.2	703.8	693.6	667.9	662.8	647.4
65°	630.3	633.8	635.5	632.1	635.5	633.8	630.3	625.2	606.4	597.9	584.2
67.5°	555.2	553.5	551.8	558.6	551.8	553.5	555.2	548.4	536.4	529.6	510.8
70°	478.3	478.3	476.6	480.0	476.6	478.3	478.3	473.2	466.4	461.2	444.1
72.5°	396.3	394.6	401.4	396.3	401.4	394.6	396.3	394.6	391.2	386.1	369.0
75°	316.0	319.4	316.0	321.2	316.0	319.4	316.0	317.7	316.0	312.6	300.7
77.5°	240.9	244.3	240.9	240.9	240.9	244.3	240.9	242.6	242.6	242.6	232.3
80°	170.8	169.1	169.1	167.4	169.1	169.1	170.8	170.8	172.5	169.1	165.7
82.5°	109.3	107.6	107.6	111.0	107.6	107.6	109.3	111.0	107.6	107.6	107.6
85°	59.8	61.5	58.1	58.1	58.1	61.5	59.8	56.4	59.8	59.8	58.1
87.5°	22.2	20.5	20.5	20.5	20.5	20.5	22.2	23.9	23.9	23.9	25.6
90°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	36.0	48.0	54.0	46.4
92.5°	135.0	129.7	108.2	86.7	108.2	129.7	135.0	191.4	266.5	304.1	267.0
95°	458.3	442.1	377.0	311.9	377.0	442.1	458.3	601.8	793.2	888.9	750.7
97.5°	1058.0	1027.1	903.2	779.5	903.2	1027.1	1058.0	1148.7	1269.7	1330.1	1099.8
100°	1485.8	1448.9	1301.4	1153.9	1301.4	1448.9	1485.8	1479.1	1470.3	1465.9	1210.2
102.5°	1851.0	1819.4	1693.1	1566.7	1693.1	1819.4	1851.0	1735.4	1581.2	1504.2	1244.9
105°	2277.3	2260.3	2192.4	2124.5	2192.4	2260.3	2277.3	2018.1	1672.6	1499.9	1248.9
107.5°	2498.9	2503.0	2519.5	2535.9	2519.5	2503.0	2498.9	2137.5	1655.6	1414.7	1193.3
110°	2555.8	2573.5	2644.2	2714.9	2644.2	2573.5	2555.8	2151.7	1613.0	1343.6	1144.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2519.6	2546.8	2655.3	2764.0	2655.3	2546.8	2519.6	2106.0	1554.7	1279.0	1101.1
115°	2396.7	2434.4	2584.9	2735.6	2584.9	2434.4	2396.7	1998.3	1467.1	1201.5	1051.7
117.5°	2226.8	2268.6	2435.6	2602.7	2435.6	2268.6	2226.8	1867.3	1387.9	1148.2	1020.8
120°	2112.4	2153.0	2315.4	2477.7	2315.4	2153.0	2112.4	1783.9	1345.9	1126.9	1010.4
122.5°	1998.1	2038.1	2198.2	2358.2	2198.2	2038.1	1998.1	1702.2	1307.8	1110.5	1004.9
125°	1846.7	1883.6	2031.0	2178.5	2031.0	1883.6	1846.7	1595.4	1260.4	1092.8	1000.4
127.5°	1725.2	1756.3	1880.7	2005.2	1880.7	1756.3	1725.2	1509.4	1221.7	1077.9	997.9
130°	1648.5	1677.2	1792.1	1907.1	1792.1	1677.2	1648.5	1456.4	1200.2	1072.2	999.4
132.5°	1583.0	1608.8	1711.8	1814.7	1711.8	1608.8	1583.0	1411.1	1181.9	1067.2	1000.4
135°	1490.7	1512.9	1601.7	1690.4	1601.7	1512.9	1490.7	1346.7	1154.7	1058.7	999.5
137.5°	1422.5	1440.7	1513.3	1585.9	1513.3	1440.7	1422.5	1300.8	1138.4	1057.2	1005.7
140°	1367.8	1384.8	1452.6	1520.5	1452.6	1384.8	1367.8	1262.7	1122.4	1052.3	1006.7
142.5°	1329.5	1344.1	1402.5	1460.9	1402.5	1344.1	1329.5	1237.0	1113.9	1052.3	1010.3
145°	1271.9	1282.9	1327.1	1371.3	1327.1	1282.9	1271.9	1196.3	1095.6	1045.2	1010.3
147.5°	1223.5	1232.7	1269.3	1306.0	1269.3	1232.7	1223.5	1164.1	1084.8	1045.2	1017.3
150°	1195.9	1203.3	1232.9	1262.7	1232.9	1203.3	1195.9	1145.6	1078.7	1045.2	1020.9
152.5°	1173.8	1179.5	1201.8	1224.2	1201.8	1179.5	1173.8	1131.0	1073.8	1045.2	1023.2
155°	1147.5	1151.2	1166.1	1180.9	1166.1	1151.2	1147.5	1113.4	1067.9	1045.2	1028.5
157.5°	1124.8	1127.4	1137.8	1148.2	1137.8	1127.4	1124.8	1098.2	1062.9	1045.2	1033.7
160°	1113.4	1115.0	1121.0	1126.9	1121.0	1115.0	1113.4	1090.7	1060.4	1045.2	1036.1
162.5°	1102.8	1104.2	1109.9	1115.6	1109.9	1104.2	1102.8	1083.5	1058.0	1045.2	1038.5
165°	1086.5	1088.0	1094.0	1099.9	1094.0	1088.0	1086.5	1072.7	1054.3	1045.2	1042.2
167.5°	1079.3	1079.9	1082.4	1085.0	1082.4	1079.9	1079.3	1070.3	1058.3	1052.3	1049.7
170°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1070.3	1058.3	1052.3	1052.1
172.5°	1073.6	1073.1	1070.9	1068.7	1070.9	1073.1	1073.6	1066.5	1057.1	1052.3	1052.3
175°	1065.8	1065.8	1065.8	1065.8	1065.8	1065.8	1065.8	1061.3	1055.3	1052.3	1053.7
177.5°	1064.4	1063.8	1061.3	1058.7	1061.3	1063.8	1064.4	1060.8	1056.1	1053.7	1054.8
180°	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7	1058.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1783.3	1791.9	1797.0	1803.8	1820.9
5°	1715.0	1747.5	1757.7	1783.3	1814.1
7.5°	1564.7	1663.8	1691.1	1752.6	1800.4
10°	1419.5	1518.6	1566.4	1711.6	1783.3
12.5°	1346.0	1404.1	1436.6	1639.8	1759.4
15°	1299.9	1340.9	1364.8	1544.2	1732.1
17.5°	1264.0	1293.1	1310.1	1450.2	1694.5
20°	1241.8	1255.5	1270.9	1381.9	1651.8
22.5°	1226.4	1217.9	1229.9	1334.1	1593.7
25°	1216.2	1183.7	1197.4	1296.5	1525.4
27.5°	1224.7	1153.0	1158.1	1262.3	1453.6
30°	1226.4	1115.4	1117.1	1226.4	1373.4
32.5°	1214.5	1076.1	1077.8	1182.0	1282.8
35°	1185.4	1030.0	1028.3	1130.8	1159.8
37.5°	1146.2	980.5	980.5	1074.4	1024.9
40°	1098.3	931.0	936.1	1001.0	905.4
42.5°	1040.2	878.0	884.9	903.7	816.5
45°	977.1	826.8	831.9	763.6	748.2
47.5°	907.1	773.8	775.5	633.8	726.0
50°	823.4	719.2	712.3	543.2	724.3
52.5°	749.9	659.4	638.9	492.0	657.7
55°	678.2	596.2	551.8	452.7	609.8
57.5°	615.0	514.2	471.5	406.6	599.6
60°	556.9	433.9	401.4	357.0	550.1
62.5°	509.1	374.1	367.3	322.9	498.8
65°	457.8	333.1	331.4	293.8	423.6
67.5°	408.3	305.8	304.1	266.5	322.9
70°	355.3	276.7	273.3	237.4	239.2
72.5°	300.7	244.3	240.9	213.5	198.2
75°	246.0	206.7	205.0	186.2	160.6
77.5°	193.0	164.0	167.4	150.3	117.9
80°	138.4	119.6	123.0	107.6	88.8
82.5°	92.2	78.6	82.0	68.3	59.8
85°	51.2	44.4	46.1	35.9	27.3
87.5°	23.9	20.5	20.5	13.7	8.5
90°	31.3	19.9	18.4	12.8	7.1
92.5°	192.8	137.2	125.1	76.8	28.4
95°	474.4	267.2	245.0	156.6	68.2
97.5°	639.1	293.5	274.0	195.9	118.0
100°	698.9	315.5	297.8	227.0	156.3
102.5°	726.4	337.5	321.0	255.0	189.0
105°	746.8	370.2	356.2	300.3	244.5
107.5°	750.6	418.5	405.5	353.4	301.3
110°	744.9	445.5	433.7	386.7	339.6



TEST NUMBER: P935143

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	745.1	478.2	467.0	422.1	377.3
115°	752.0	527.3	516.9	475.5	434.2
117.5°	766.0	574.8	565.4	527.9	490.3
120°	777.3	602.5	593.7	558.3	523.0
122.5°	793.7	635.2	626.3	590.6	554.9
125°	815.7	677.2	669.0	636.5	604.0
127.5°	837.7	717.6	709.4	676.6	643.8
130°	853.8	744.6	735.7	700.4	665.0
132.5°	866.9	766.7	757.8	722.4	687.1
135°	881.1	792.3	784.3	752.0	719.8
137.5°	902.4	824.9	817.0	785.0	753.2
140°	915.4	847.0	839.6	810.2	780.8
142.5°	926.3	863.3	856.5	829.4	802.2
145°	940.6	888.2	882.3	858.6	834.9
147.5°	961.4	919.5	913.7	890.6	867.5
150°	972.3	935.8	930.6	909.7	888.9
152.5°	979.3	946.5	942.5	926.7	910.9
155°	995.0	969.9	967.0	955.3	943.6
157.5°	1010.6	993.4	990.5	979.1	967.7
160°	1017.8	1004.0	1001.8	993.0	984.1
162.5°	1025.3	1015.4	1013.8	1007.1	1000.4
165°	1036.2	1031.7	1030.2	1024.2	1018.2
167.5°	1044.7	1040.9	1040.2	1037.3	1034.5
170°	1051.9	1051.6	1050.9	1048.0	1045.2
172.5°	1052.3	1052.3	1052.1	1051.5	1050.9
175°	1056.6	1058.7	1058.7	1058.7	1058.7
177.5°	1057.1	1058.7	1058.7	1058.7	1058.7
180°	1058.7	1058.7	1058.7	1058.7	1058.7



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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	11.25	12.04	12.29	13.08	14.48	14.09	14.87	15.12	15.91	17.31
	3H	11.72	12.42	12.77	13.47	14.89	15.43	16.13	16.48	17.18	18.60
	4H	11.91	12.58	12.97	13.63	15.05	15.87	16.54	16.93	17.59	19.02
	6H	12.03	12.64	13.09	13.69	15.13	16.16	16.77	17.22	17.82	19.26
	8H	12.02	12.61	13.10	13.68	15.11	16.23	16.81	17.30	17.88	19.32
	12H	11.99	12.55	13.07	13.61	15.07	16.27	16.82	17.34	17.89	19.34
4H	2H	12.28	12.94	13.34	13.99	15.42	14.49	15.15	15.55	16.21	17.63
	3H	13.30	13.85	14.37	14.93	16.37	15.99	16.54	17.06	17.62	19.06
	4H	13.57	14.08	14.65	15.15	16.61	16.52	17.02	17.59	18.09	19.56
	6H	13.69	14.13	14.78	15.22	16.67	16.88	17.32	17.96	18.41	19.86
	8H	13.69	14.10	14.78	15.19	16.66	16.99	17.39	18.07	18.48	19.95
	12H	13.66	14.03	14.76	15.12	16.60	17.04	17.41	18.14	18.51	19.98
8H	4H	14.02	14.43	15.10	15.51	16.98	16.63	17.04	17.72	18.13	19.60
	6H	14.28	14.61	15.38	15.74	17.21	17.07	17.41	18.18	18.53	20.00
	8H	14.32	14.61	15.43	15.72	17.21	17.22	17.52	18.34	18.63	20.11
	12H	14.30	14.56	15.42	15.66	17.19	17.32	17.58	18.44	18.68	20.21
12H	4H	14.02	14.39	15.12	15.49	16.96	16.60	16.96	17.70	18.06	19.54
	6H	14.34	14.63	15.45	15.74	17.23	17.07	17.36	18.18	18.47	19.96
	8H	14.40	14.66	15.52	15.77	17.29	17.23	17.48	18.34	18.59	20.12