

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: P935643

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935643
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

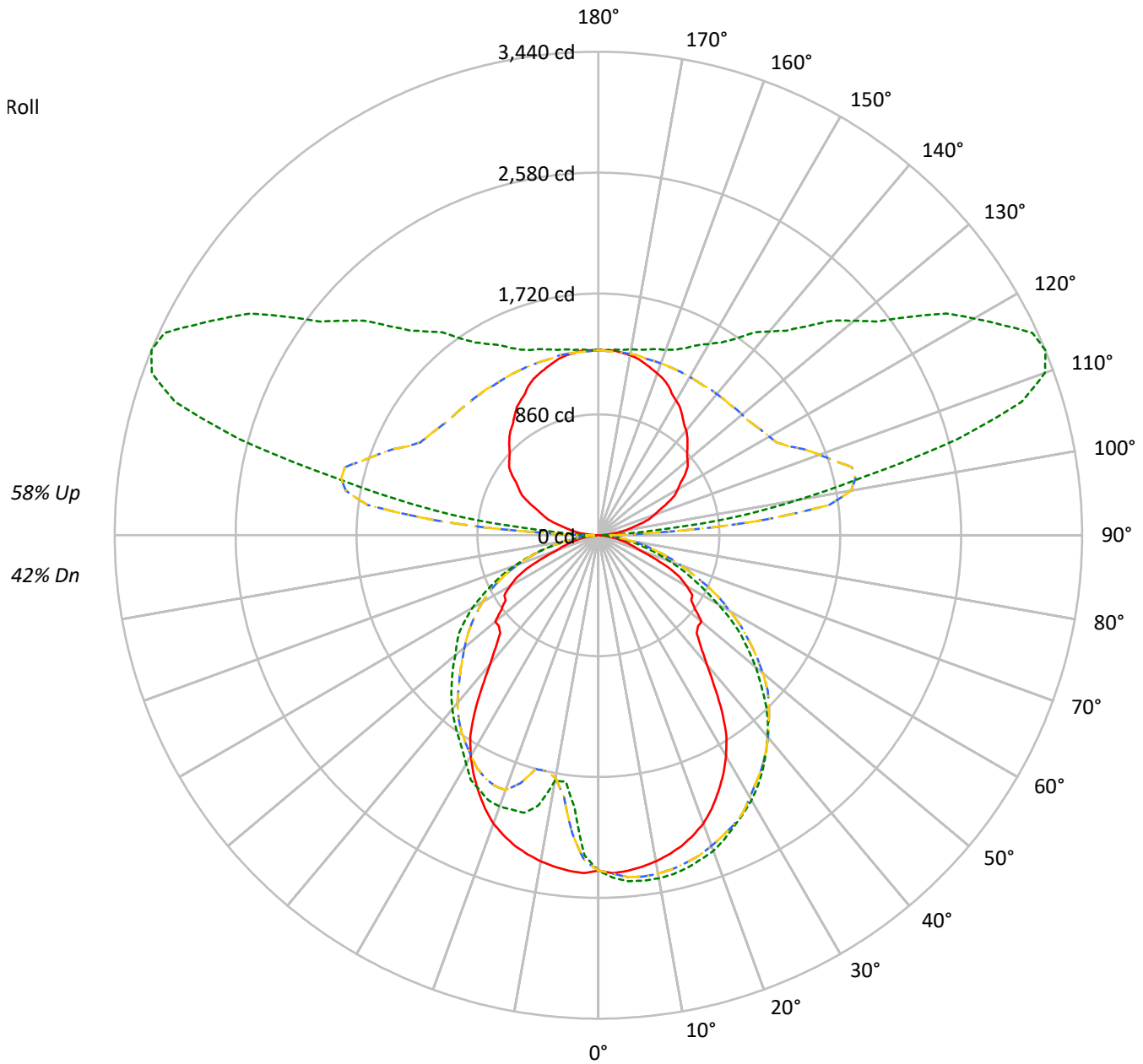
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14733.7 lumens
Efficiency: N/A
Efficacy: 114.4 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): 128.8
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	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11069	11069	11069	11069
5°	11151	11173	11151	8786
10°	11077	11006	11077	7868
15°	10956	10768	10956	8991
20°	10728	10485	10728	9010
25°	10258	10073	10258	8819
30°	9652	9731	9652	8400
35°	8605	9299	8605	7939
40°	7170	8789	7170	7591
45°	6407	8193	6407	7191
50°	6806	7482	6806	6789
55°	6404	6716	6404	6557
60°	6601	5704	6601	6006
65°	5984	4715	5984	5270
70°	4143	3758	4143	4418
75°	3634	2778	3634	3326
80°	2929	1836	2929	2000
85°	1681	973	1681	826

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9819 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.3	1.5
10°-20°	611.4	4.1
20°-30°	945.2	6.4
30°-40°	1128.3	7.7
40°-50°	1134.9	7.7
50°-60°	987.5	6.7
60°-70°	700.2	4.8
70°-80°	370.4	2.5
80°-90°	97.3	0.7
90°-100°	642.4	4.4
100°-110°	1688.9	11.5
110°-120°	1751.2	11.9
120°-130°	1404.7	9.5
130°-140°	1102.1	7.5
140°-150°	845.9	5.7
150°-160°	609.2	4.1
160°-170°	372.8	2.5
170°-180°	125.9	0.9
0°-30°	1771.9	12.0
0°-40°	2900.3	19.7
0°-60°	5022.7	34.1
0°-90°	6190.6	42.0
90°-120°	4082.4	27.7
90°-150°	7435.2	50.5
90°-180°	8543.0	58.0
0°-180°	14733.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2386	2386	2386	2386	2386	
5°	2397	2471	2397	1943	2397	227
15°	2289	2449	2289	2045	2289	644
25°	2016	2284	2016	2000	2016	925
35°	1532	2038	1532	1740	1532	948
45°	989	1679	989	1474	989	792
55°	806	1239	806	1210	806	740
65°	560	747	560	835	560	535
75°	212	354	212	424	212	223
85°	36	90	36	77	36	49
90°	9	34	9	34	9	9
95°	85	388	85	388	85	94
105°	304	2645	304	2645	304	323
115°	540	3405	540	3405	540	534
125°	752	2712	752	2712	752	667
135°	896	2104	896	2104	896	693
145°	1039	1707	1039	1707	1039	651
155°	1175	1470	1175	1470	1175	540
165°	1267	1369	1267	1369	1267	358
175°	1318	1327	1318	1327	1318	125
180°	1318	1318	1318	1318	1318	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2406.0	2406.0	2419.5	2424.0	2424.0	2417.3	2410.5	2417.3	2437.6	2444.3	2442.1
5°	2396.9	2415.0	2439.8	2444.3	2448.9	2446.6	2442.1	2446.6	2469.2	2473.7	2475.9
7.5°	2378.9	2412.7	2444.3	2451.1	2457.9	2451.1	2448.9	2453.4	2475.9	2480.5	2480.5
10°	2356.3	2403.7	2439.8	2444.3	2451.1	2444.3	2444.3	2453.4	2475.9	2480.5	2482.7
12.5°	2324.7	2390.2	2424.0	2428.5	2437.6	2435.3	2433.1	2442.1	2464.7	2469.2	2469.2
15°	2288.6	2365.3	2396.9	2401.5	2417.3	2412.7	2412.7	2421.8	2446.6	2453.4	2451.1
17.5°	2238.9	2333.7	2369.9	2376.6	2387.9	2385.7	2387.9	2396.9	2419.5	2424.0	2426.3
20°	2182.6	2290.9	2333.7	2340.5	2351.8	2351.8	2351.8	2363.1	2385.7	2394.7	2394.7
22.5°	2105.8	2245.8	2290.9	2295.4	2308.9	2308.9	2313.4	2329.2	2349.5	2351.8	2351.8
25°	2015.5	2196.0	2234.4	2248.0	2261.6	2268.3	2275.1	2284.1	2290.9	2288.6	2290.9
27.5°	1920.7	2132.8	2182.6	2191.5	2209.6	2216.4	2225.4	2227.7	2230.0	2236.7	2232.2
30°	1814.6	2044.9	2119.3	2128.4	2157.7	2162.2	2153.2	2157.7	2169.0	2173.5	2178.0
32.5°	1695.0	1913.9	2053.9	2074.2	2101.2	2087.7	2085.4	2092.3	2110.3	2110.3	2114.8
35°	1532.5	1812.4	1992.9	2011.0	2031.3	2015.5	2024.5	2026.8	2038.1	2044.9	2042.6
37.5°	1354.2	1724.3	1929.7	1943.3	1959.1	1938.8	1952.3	1959.1	1968.1	1963.6	1963.6
40°	1196.2	1586.7	1855.3	1864.3	1877.8	1862.0	1875.6	1880.1	1884.6	1880.1	1877.8
42.5°	1078.8	1435.4	1776.2	1787.5	1778.6	1789.8	1794.4	1803.3	1796.6	1787.5	1787.5
45°	988.6	1394.8	1690.5	1704.1	1690.5	1708.6	1715.3	1715.3	1695.0	1690.5	1688.3
47.5°	959.3	1313.6	1604.7	1604.7	1598.0	1620.5	1631.8	1616.0	1595.7	1588.9	1588.9
50°	957.0	1223.3	1487.4	1478.3	1509.9	1537.0	1525.7	1509.9	1494.1	1469.3	1469.3
52.5°	869.0	1112.7	1336.1	1370.0	1419.6	1435.4	1417.4	1401.6	1374.5	1363.3	1354.2
55°	805.8	997.6	1198.5	1266.2	1318.1	1338.4	1304.5	1288.8	1248.1	1241.4	1236.9
57.5°	792.2	830.6	1072.1	1157.9	1221.1	1218.8	1198.5	1169.1	1135.3	1128.5	1126.3
60°	726.8	600.4	936.6	1038.2	1103.7	1096.9	1078.8	1051.8	1020.2	1015.6	1011.1
62.5°	659.0	435.6	783.1	898.3	990.8	988.6	972.8	932.1	909.6	898.3	889.2
65°	559.7	365.7	557.5	747.1	880.3	884.7	850.9	821.6	796.7	783.1	780.9
67.5°	426.6	297.9	376.9	622.9	774.2	769.7	726.8	713.2	681.6	674.8	661.3
70°	315.9	198.6	261.8	505.6	670.3	659.0	625.2	609.4	580.0	564.2	555.2
72.5°	261.8	160.2	191.8	392.7	564.2	550.7	521.4	503.3	478.5	464.9	455.9
75°	212.2	169.3	146.7	291.2	458.2	449.2	422.0	404.0	383.7	365.7	367.9
77.5°	155.7	158.0	117.4	214.4	363.3	349.9	334.0	311.5	302.4	284.4	284.4
80°	117.4	124.1	88.1	146.7	261.8	261.8	248.3	232.5	216.7	207.6	207.6
82.5°	79.0	79.0	65.4	92.5	178.3	171.5	162.5	158.0	149.0	144.4	144.4
85°	36.1	45.1	40.7	56.5	97.0	101.6	101.6	97.0	94.8	90.3	92.5
87.5°	11.3	20.3	24.9	31.6	49.6	51.9	54.2	54.2	54.2	56.5	56.5
90°	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8	33.6	33.6
92.5°	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2	168.0	161.3
95°	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2	570.5	550.2
97.5°	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9	1317.0	1278.5
100°	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2	1849.4	1803.6
102.5°	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2	2304.0	2264.7
105°	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2	2834.7	2813.6
107.5°	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8	3110.6	3115.8
110°	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5	3181.4	3203.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5	3136.3	3170.1
115°	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4	2983.3	3030.2
117.5°	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3	2771.9	2823.9
120°	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6	2629.5	2680.0
122.5°	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9	2487.1	2536.9
125°	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9	2298.7	2344.6
127.5°	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9	2147.4	2186.1
130°	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9	2052.0	2087.7
132.5°	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5	1970.6	2002.6
135°	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3	1855.6	1883.2
137.5°	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2	1770.7	1793.3
140°	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7	1702.6	1723.7
142.5°	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8	1654.8	1673.0
145°	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2	1583.2	1597.0
147.5°	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0	1523.1	1534.4
150°	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1	1488.6	1497.8
152.5°	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8	1461.2	1468.2
155°	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0	1428.4	1433.1
157.5°	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0	1400.1	1403.3
160°	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6	1385.9	1387.8
162.5°	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8	1372.7	1374.5
165°	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3	1352.3	1354.2
167.5°	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3	1343.5	1344.2
170°	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3	1343.5	1343.5
172.5°	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6	1336.5	1335.8
175°	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1	1326.7	1326.7
177.5°	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5	1324.9	1324.2
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2446.6	2439.8	2446.6	2442.1	2444.3	2437.6	2417.3	2410.5	2417.3	2424.0	2424.0
5°	2475.9	2471.4	2475.9	2475.9	2473.7	2469.2	2446.6	2442.1	2446.6	2448.9	2444.3
7.5°	2485.0	2478.2	2485.0	2480.5	2480.5	2475.9	2453.4	2448.9	2451.1	2457.9	2451.1
10°	2485.0	2478.2	2485.0	2482.7	2480.5	2475.9	2453.4	2444.3	2444.3	2451.1	2444.3
12.5°	2473.7	2469.2	2473.7	2469.2	2469.2	2464.7	2442.1	2433.1	2435.3	2437.6	2428.5
15°	2455.6	2448.9	2455.6	2451.1	2453.4	2446.6	2421.8	2412.7	2412.7	2417.3	2401.5
17.5°	2428.5	2419.5	2428.5	2426.3	2424.0	2419.5	2396.9	2387.9	2385.7	2387.9	2376.6
20°	2396.9	2390.2	2396.9	2394.7	2394.7	2385.7	2363.1	2351.8	2351.8	2351.8	2340.5
22.5°	2347.3	2340.5	2347.3	2351.8	2351.8	2349.5	2329.2	2313.4	2308.9	2308.9	2295.4
25°	2290.9	2284.1	2290.9	2290.9	2288.6	2290.9	2284.1	2275.1	2268.3	2261.6	2248.0
27.5°	2236.7	2232.2	2236.7	2232.2	2236.7	2230.0	2227.7	2225.4	2216.4	2209.6	2191.5
30°	2182.6	2178.0	2182.6	2178.0	2173.5	2169.0	2157.7	2153.2	2162.2	2157.7	2128.4
32.5°	2114.8	2110.3	2114.8	2114.8	2110.3	2110.3	2092.3	2085.4	2087.7	2101.2	2074.2
35°	2044.9	2038.1	2044.9	2042.6	2044.9	2038.1	2026.8	2024.5	2015.5	2031.3	2011.0
37.5°	1963.6	1956.8	1963.6	1963.6	1963.6	1968.1	1959.1	1952.3	1938.8	1959.1	1943.3
40°	1880.1	1871.1	1880.1	1877.8	1880.1	1884.6	1880.1	1875.6	1862.0	1877.8	1864.3
42.5°	1785.3	1783.1	1785.3	1787.5	1787.5	1796.6	1803.3	1794.4	1789.8	1778.6	1787.5
45°	1683.7	1679.2	1683.7	1688.3	1690.5	1695.0	1715.3	1715.3	1708.6	1690.5	1704.1
47.5°	1575.4	1564.1	1575.4	1588.9	1588.9	1595.7	1616.0	1631.8	1620.5	1598.0	1604.7
50°	1460.3	1462.5	1460.3	1469.3	1469.3	1494.1	1509.9	1525.7	1537.0	1509.9	1478.3
52.5°	1347.5	1345.2	1347.5	1354.2	1363.3	1374.5	1401.6	1417.4	1435.4	1419.6	1370.0
55°	1234.6	1239.1	1234.6	1236.9	1241.4	1248.1	1288.8	1304.5	1338.4	1318.1	1266.2
57.5°	1121.7	1115.0	1121.7	1126.3	1128.5	1135.3	1169.1	1198.5	1218.8	1221.1	1157.9
60°	990.8	981.8	990.8	1011.1	1015.6	1020.2	1051.8	1078.8	1096.9	1103.7	1038.2
62.5°	875.7	859.9	875.7	889.2	898.3	909.6	932.1	972.8	988.6	990.8	898.3
65°	753.9	747.1	753.9	780.9	783.1	796.7	821.6	850.9	884.7	880.3	747.1
67.5°	643.2	643.2	643.2	661.3	674.8	681.6	713.2	726.8	769.7	774.2	622.9
70°	541.7	539.5	541.7	555.2	564.2	580.0	609.4	625.2	659.0	670.3	505.6
72.5°	444.7	442.4	444.7	455.9	464.9	478.5	503.3	521.4	550.7	564.2	392.7
75°	358.9	354.4	358.9	367.9	365.7	383.7	404.0	422.0	449.2	458.2	291.2
77.5°	275.4	275.4	275.4	284.4	284.4	302.4	311.5	334.0	349.9	363.3	214.4
80°	205.4	203.1	205.4	207.6	207.6	216.7	232.5	248.3	261.8	261.8	146.7
82.5°	144.4	139.9	144.4	144.4	144.4	149.0	158.0	162.5	171.5	178.3	92.5
85°	90.3	90.3	90.3	92.5	90.3	94.8	97.0	101.6	101.6	97.0	56.5
87.5°	58.7	56.5	58.7	56.5	56.5	54.2	54.2	54.2	51.9	49.6	31.6
90°	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8	38.9	24.8
92.5°	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3	240.0	170.7
95°	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5	590.5	332.6
97.5°	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0	795.4	365.3
100°	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4	870.0	392.7
102.5°	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7	904.3	420.1
105°	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6	929.5	460.8
107.5°	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4	934.2	520.9
110°	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1	927.2	554.6



TEST NUMBER: P935643

CATALOG NUMBER: SQ4-FA-125U-100D-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°	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5	927.5	595.2
115°	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1	936.0	656.2
117.5°	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7	953.5	715.5
120°	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7	967.6	750.0
122.5°	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9	987.9	790.7
125°	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3	1015.3	842.9
127.5°	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1	1042.8	893.3
130°	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0	1062.8	926.9
132.5°	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3	1079.0	954.3
135°	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1	1096.7	986.2
137.5°	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8	1123.3	1026.8
140°	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1	1139.5	1054.3
142.5°	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6	1153.0	1074.6
145°	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6	1170.8	1105.6
147.5°	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2	1196.7	1144.5
150°	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8	1210.2	1164.9
152.5°	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7	1219.1	1178.1
155°	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2	1238.6	1207.3
157.5°	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7	1258.0	1236.4
160°	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6	1266.8	1249.8
162.5°	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7	1276.2	1263.9
165°	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2	1289.8	1284.3
167.5°	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7	1300.4	1295.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7	1309.3	1309.0
172.5°	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7	1315.2	1317.8
177.5°	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1	1315.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935643

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2419.5	2406.0	2406.0	2383.4	2374.4	2367.6	2356.3	2322.5	2313.4	2304.4	2317.9
5°	2439.8	2415.0	2396.9	2356.3	2322.5	2308.9	2266.0	2184.8	2130.6	2090.0	2067.4
7.5°	2444.3	2412.7	2378.9	2315.7	2234.4	2198.4	2067.4	1918.5	1877.8	1841.8	1819.1
10°	2439.8	2403.7	2356.3	2261.6	2069.6	2006.5	1875.6	1778.6	1753.7	1746.9	1753.7
12.5°	2424.0	2390.2	2324.7	2166.8	1898.1	1855.3	1778.6	1722.1	1717.6	1728.8	1789.8
15°	2396.9	2365.3	2288.6	2040.3	1803.3	1771.7	1717.6	1697.2	1722.1	1801.1	1983.9
17.5°	2369.9	2333.7	2238.9	1916.2	1731.1	1708.6	1670.2	1710.8	1850.7	1956.8	2017.8
20°	2333.7	2290.9	2182.6	1826.0	1679.2	1658.9	1640.9	1823.6	1929.7	1968.1	2002.0
22.5°	2290.9	2245.8	2105.8	1762.7	1625.1	1609.3	1620.5	1886.9	1929.7	1956.8	1986.2
25°	2234.4	2196.0	2015.5	1713.0	1582.2	1564.1	1607.0	1880.1	1904.9	1911.7	1970.4
27.5°	2182.6	2132.8	1920.7	1667.9	1530.3	1523.5	1618.3	1850.7	1868.8	1875.6	1938.8
30°	2119.3	2044.9	1814.6	1620.5	1476.1	1473.8	1620.5	1814.6	1810.2	1828.2	1891.4
32.5°	2053.9	1913.9	1695.0	1561.9	1424.2	1422.0	1604.7	1760.4	1755.9	1780.8	1828.2
35°	1992.9	1812.4	1532.5	1494.1	1358.7	1361.0	1566.4	1697.2	1699.5	1722.1	1751.5
37.5°	1929.7	1724.3	1354.2	1419.6	1295.5	1295.5	1514.5	1638.6	1634.1	1640.9	1681.4
40°	1855.3	1586.7	1196.2	1322.6	1236.9	1230.0	1451.2	1575.4	1559.6	1557.3	1613.8
42.5°	1776.2	1435.4	1078.8	1194.0	1169.1	1160.1	1374.5	1498.7	1469.3	1476.1	1548.3
45°	1690.5	1394.8	988.6	1008.9	1099.2	1092.4	1291.0	1410.6	1390.3	1408.4	1482.9
47.5°	1604.7	1313.6	959.3	837.4	1024.7	1022.4	1198.5	1324.8	1313.6	1331.7	1410.6
50°	1487.4	1223.3	957.0	717.7	941.2	950.2	1087.9	1241.4	1241.4	1257.2	1340.6
52.5°	1336.1	1112.7	869.0	650.0	844.1	871.2	990.8	1169.1	1173.7	1189.5	1263.9
55°	1198.5	997.6	805.8	598.1	729.0	787.7	896.1	1094.7	1103.7	1119.5	1187.2
57.5°	1072.1	830.6	792.2	537.2	622.9	679.4	812.5	1022.4	1026.9	1040.5	1105.9
60°	936.6	600.4	726.8	471.7	530.4	573.3	735.7	936.6	952.4	961.5	1017.9
62.5°	783.1	435.6	659.0	426.6	485.2	494.3	672.6	855.4	875.7	882.5	916.3
65°	557.5	365.7	559.7	388.2	437.8	440.1	604.9	771.9	790.0	801.3	826.0
67.5°	376.9	297.9	426.6	352.1	401.8	404.0	539.5	674.8	699.7	708.7	724.5
70°	261.8	198.6	315.9	313.7	361.1	365.7	469.4	586.8	609.4	616.2	625.2
72.5°	191.8	160.2	261.8	282.1	318.2	322.8	397.3	487.5	510.1	516.8	521.4
75°	146.7	169.3	212.2	246.0	270.8	273.1	325.0	397.3	413.1	417.6	419.8
77.5°	117.4	158.0	155.7	198.6	221.2	216.7	255.0	307.0	320.5	320.5	320.5
80°	88.1	124.1	117.4	142.2	162.5	158.0	182.8	218.9	223.4	228.0	225.7
82.5°	65.4	79.0	79.0	90.3	108.3	103.9	121.9	142.2	142.2	142.2	146.7
85°	40.7	45.1	36.1	47.4	60.9	58.7	67.7	76.7	79.0	79.0	74.5
87.5°	24.9	20.3	11.3	18.0	27.1	27.1	31.6	33.8	31.6	31.6	31.6
90°	23.0	16.0	8.9	16.0	23.0	24.8	38.9	57.8	67.2	59.7	44.8
92.5°	155.7	95.5	35.4	95.5	155.7	170.7	240.0	332.3	378.5	331.7	238.2
95°	305.1	195.0	84.9	195.0	305.1	332.6	590.5	934.5	1106.4	987.4	749.2
97.5°	341.1	243.9	146.8	243.9	341.1	365.3	795.4	1369.0	1655.7	1580.5	1429.9
100°	370.7	282.6	194.6	282.6	370.7	392.7	870.0	1506.4	1824.7	1830.1	1841.2
102.5°	399.6	317.4	235.2	317.4	399.6	420.1	904.3	1549.7	1872.4	1968.3	2160.2
105°	443.4	373.9	304.2	373.9	443.4	460.8	929.5	1554.6	1867.1	2082.1	2512.2
107.5°	504.7	439.9	375.0	439.9	504.7	520.9	934.2	1485.4	1761.0	2060.9	2660.8
110°	540.0	481.4	422.8	481.4	540.0	554.6	927.2	1424.1	1672.6	2007.9	2678.5



TEST NUMBER: P935643

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	581.3	525.5	469.7	525.5	581.3	595.2	927.5	1370.5	1592.0	1935.2	2621.5
115°	643.3	591.9	540.4	591.9	643.3	656.2	936.0	1309.1	1495.7	1826.2	2487.4
117.5°	703.8	657.1	610.3	657.1	703.8	715.5	953.5	1270.7	1429.3	1727.6	2324.3
120°	739.0	695.0	650.9	695.0	739.0	750.0	967.6	1257.7	1402.7	1675.4	2220.6
122.5°	779.6	735.1	690.7	735.1	779.6	790.7	987.9	1250.9	1382.4	1627.9	2118.9
125°	832.8	792.3	751.8	792.3	832.8	842.9	1015.3	1245.3	1360.3	1568.9	1985.9
127.5°	883.1	842.3	801.3	842.3	883.1	893.3	1042.8	1242.1	1341.7	1520.8	1878.9
130°	915.9	871.9	827.8	871.9	915.9	926.9	1062.8	1244.0	1334.7	1494.0	1812.9
132.5°	943.3	899.3	855.2	899.3	943.3	954.3	1079.0	1245.3	1328.4	1471.2	1756.5
135°	976.2	936.0	896.0	936.0	976.2	986.2	1096.7	1244.1	1317.8	1437.3	1676.3
137.5°	1016.9	977.2	937.5	977.2	1016.9	1026.8	1123.3	1251.8	1316.0	1417.1	1619.2
140°	1045.1	1008.6	972.0	1008.6	1045.1	1054.3	1139.5	1253.1	1309.9	1397.2	1571.7
142.5°	1066.1	1032.4	998.6	1032.4	1066.1	1074.6	1153.0	1257.6	1309.9	1386.5	1539.8
145°	1098.2	1068.7	1039.2	1068.7	1098.2	1105.6	1170.8	1257.6	1301.0	1363.7	1489.2
147.5°	1137.4	1108.7	1080.0	1108.7	1137.4	1144.5	1196.7	1266.2	1301.0	1350.4	1449.0
150°	1158.4	1132.4	1106.4	1132.4	1158.4	1164.9	1210.2	1270.8	1301.0	1342.7	1426.1
152.5°	1173.1	1153.5	1133.9	1153.5	1173.1	1178.1	1219.1	1273.7	1301.0	1336.6	1407.8
155°	1203.6	1189.1	1174.6	1189.1	1203.6	1207.3	1238.6	1280.2	1301.0	1329.4	1386.0
157.5°	1232.9	1218.8	1204.7	1218.8	1232.9	1236.4	1258.0	1286.7	1301.0	1323.0	1367.0
160°	1247.0	1236.0	1225.0	1236.0	1247.0	1249.8	1266.8	1289.6	1301.0	1319.9	1357.6
162.5°	1261.8	1253.5	1245.3	1253.5	1261.8	1263.9	1276.2	1292.7	1301.0	1316.9	1348.8
165°	1282.4	1275.0	1267.4	1275.0	1282.4	1284.3	1289.8	1297.2	1301.0	1312.5	1335.3
167.5°	1294.9	1291.3	1287.8	1291.3	1294.9	1295.7	1300.4	1306.7	1309.9	1317.3	1332.3
170°	1308.2	1304.6	1301.0	1304.6	1308.2	1309.0	1309.3	1309.7	1309.9	1317.3	1332.3
172.5°	1309.7	1308.9	1308.1	1308.9	1309.7	1309.9	1309.9	1309.9	1309.9	1315.8	1327.6
175°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.2	1311.7	1309.9	1313.6	1321.1
177.5°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1315.8	1313.1	1311.7	1314.6	1320.5
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



TEST NUMBER: P935643

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2302.1	2295.4	2304.4	2279.6	2304.4	2295.4	2302.1	2317.9	2304.4	2313.4	2322.5
5°	2020.0	2008.7	1972.6	1943.3	1972.6	2008.7	2020.0	2067.4	2090.0	2130.6	2184.8
7.5°	1805.6	1796.6	1787.5	1769.5	1787.5	1796.6	1805.6	1819.1	1841.8	1877.8	1918.5
10°	1758.2	1760.4	1774.0	1771.7	1774.0	1760.4	1758.2	1753.7	1746.9	1753.7	1778.6
12.5°	1880.1	1900.4	1974.9	1970.4	1974.9	1900.4	1880.1	1789.8	1728.8	1717.6	1722.1
15°	2020.0	2026.8	2042.6	2044.9	2042.6	2026.8	2020.0	1983.9	1801.1	1722.1	1697.2
17.5°	2033.6	2035.8	2047.1	2047.1	2047.1	2035.8	2033.6	2017.8	1956.8	1850.7	1710.8
20°	2022.3	2026.8	2049.4	2053.9	2049.4	2026.8	2022.3	2002.0	1968.1	1929.7	1823.6
22.5°	2017.8	2026.8	2044.9	2042.6	2044.9	2026.8	2017.8	1986.2	1956.8	1929.7	1886.9
25°	1995.2	1995.2	1997.5	1999.7	1997.5	1995.2	1995.2	1970.4	1911.7	1904.9	1880.1
27.5°	1947.8	1952.3	1965.9	1963.6	1965.9	1952.3	1947.8	1938.8	1875.6	1868.8	1850.7
30°	1904.9	1900.4	1889.1	1880.1	1889.1	1900.4	1904.9	1891.4	1828.2	1810.2	1814.6
32.5°	1832.7	1821.4	1810.2	1803.3	1810.2	1821.4	1832.7	1828.2	1780.8	1755.9	1760.4
35°	1746.9	1749.2	1746.9	1740.1	1746.9	1749.2	1746.9	1751.5	1722.1	1699.5	1697.2
37.5°	1686.0	1690.5	1688.3	1679.2	1688.3	1690.5	1686.0	1681.4	1640.9	1634.1	1638.6
40°	1622.8	1625.1	1622.8	1616.0	1622.8	1625.1	1622.8	1613.8	1557.3	1559.6	1575.4
42.5°	1561.9	1559.6	1552.8	1548.3	1552.8	1559.6	1561.9	1548.3	1476.1	1469.3	1498.7
45°	1491.9	1494.1	1480.6	1473.8	1480.6	1494.1	1491.9	1482.9	1408.4	1390.3	1410.6
47.5°	1422.0	1422.0	1410.6	1403.8	1410.6	1422.0	1422.0	1410.6	1331.7	1313.6	1324.8
50°	1347.5	1345.2	1329.4	1327.1	1329.4	1345.2	1347.5	1340.6	1257.2	1241.4	1241.4
52.5°	1261.6	1261.6	1263.9	1268.5	1263.9	1261.6	1261.6	1263.9	1189.5	1173.7	1169.1
55°	1187.2	1189.5	1205.3	1209.8	1205.3	1189.5	1187.2	1187.2	1119.5	1103.7	1094.7
57.5°	1110.5	1110.5	1121.7	1121.7	1121.7	1110.5	1110.5	1105.9	1040.5	1026.9	1022.4
60°	1022.4	1026.9	1036.0	1033.8	1036.0	1026.9	1022.4	1017.9	961.5	952.4	936.6
62.5°	929.9	934.4	936.6	932.1	936.6	934.4	929.9	916.3	882.5	875.7	855.4
65°	832.9	837.4	839.6	835.1	839.6	837.4	832.9	826.0	801.3	790.0	771.9
67.5°	733.5	731.3	729.0	738.1	729.0	731.3	733.5	724.5	708.7	699.7	674.8
70°	632.0	632.0	629.7	634.2	629.7	632.0	632.0	625.2	616.2	609.4	586.8
72.5°	523.7	521.4	530.4	523.7	530.4	521.4	523.7	521.4	516.8	510.1	487.5
75°	417.6	422.0	417.6	424.3	417.6	422.0	417.6	419.8	417.6	413.1	397.3
77.5°	318.2	322.8	318.2	318.2	318.2	322.8	318.2	320.5	320.5	320.5	307.0
80°	225.7	223.4	223.4	221.2	223.4	223.4	225.7	225.7	228.0	223.4	218.9
82.5°	144.4	142.2	142.2	146.7	142.2	142.2	144.4	146.7	142.2	142.2	142.2
85°	79.0	81.2	76.7	76.7	76.7	81.2	79.0	74.5	79.0	79.0	76.7
87.5°	29.4	27.1	27.1	27.1	27.1	27.1	29.4	31.6	31.6	31.6	33.8
90°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	44.8	59.7	67.2	57.8
92.5°	168.0	161.3	134.6	107.9	134.6	161.3	168.0	238.2	331.7	378.5	332.3
95°	570.5	550.2	469.3	388.3	469.3	550.2	570.5	749.2	987.4	1106.4	934.5
97.5°	1317.0	1278.5	1124.4	970.3	1124.4	1278.5	1317.0	1429.9	1580.5	1655.7	1369.0
100°	1849.4	1803.6	1619.9	1436.4	1619.9	1803.6	1849.4	1841.2	1830.1	1824.7	1506.4
102.5°	2304.0	2264.7	2107.5	1950.2	2107.5	2264.7	2304.0	2160.2	1968.3	1872.4	1549.7
105°	2834.7	2813.6	2729.0	2644.6	2729.0	2813.6	2834.7	2512.2	2082.1	1867.1	1554.6
107.5°	3110.6	3115.8	3136.2	3156.6	3136.2	3115.8	3110.6	2660.8	2060.9	1761.0	1485.4
110°	3181.4	3203.4	3291.5	3379.5	3291.5	3203.4	3181.4	2678.5	2007.9	1672.6	1424.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3136.3	3170.1	3305.3	3440.5	3305.3	3170.1	3136.3	2621.5	1935.2	1592.0	1370.5
115°	2983.3	3030.2	3217.7	3405.2	3217.7	3030.2	2983.3	2487.4	1826.2	1495.7	1309.1
117.5°	2771.9	2823.9	3031.8	3239.8	3031.8	2823.9	2771.9	2324.3	1727.6	1429.3	1270.7
120°	2629.5	2680.0	2882.1	3084.1	2882.1	2680.0	2629.5	2220.6	1675.4	1402.7	1257.7
122.5°	2487.1	2536.9	2736.3	2935.6	2736.3	2536.9	2487.1	2118.9	1627.9	1382.4	1250.9
125°	2298.7	2344.6	2528.2	2711.8	2528.2	2344.6	2298.7	1985.9	1568.9	1360.3	1245.3
127.5°	2147.4	2186.1	2341.1	2495.9	2341.1	2186.1	2147.4	1878.9	1520.8	1341.7	1242.1
130°	2052.0	2087.7	2230.8	2373.9	2230.8	2087.7	2052.0	1812.9	1494.0	1334.7	1244.0
132.5°	1970.6	2002.6	2130.8	2258.9	2130.8	2002.6	1970.6	1756.5	1471.2	1328.4	1245.3
135°	1855.6	1883.2	1993.7	2104.1	1993.7	1883.2	1855.6	1676.3	1437.3	1317.8	1244.1
137.5°	1770.7	1793.3	1883.7	1974.1	1883.7	1793.3	1770.7	1619.2	1417.1	1316.0	1251.8
140°	1702.6	1723.7	1808.3	1892.7	1808.3	1723.7	1702.6	1571.7	1397.2	1309.9	1253.1
142.5°	1654.8	1673.0	1745.7	1818.4	1745.7	1673.0	1654.8	1539.8	1386.5	1309.9	1257.6
145°	1583.2	1597.0	1652.0	1707.0	1652.0	1597.0	1583.2	1489.2	1363.7	1301.0	1257.6
147.5°	1523.1	1534.4	1580.1	1625.7	1580.1	1534.4	1523.1	1449.0	1350.4	1301.0	1266.2
150°	1488.6	1497.8	1534.8	1571.7	1534.8	1497.8	1488.6	1426.1	1342.7	1301.0	1270.8
152.5°	1461.2	1468.2	1496.0	1523.9	1496.0	1468.2	1461.2	1407.8	1336.6	1301.0	1273.7
155°	1428.4	1433.1	1451.5	1470.0	1451.5	1433.1	1428.4	1386.0	1329.4	1301.0	1280.2
157.5°	1400.1	1403.3	1416.3	1429.3	1416.3	1403.3	1400.1	1367.0	1323.0	1301.0	1286.7
160°	1385.9	1387.8	1395.2	1402.7	1395.2	1387.8	1385.9	1357.6	1319.9	1301.0	1289.6
162.5°	1372.7	1374.5	1381.6	1388.6	1381.6	1374.5	1372.7	1348.8	1316.9	1301.0	1292.7
165°	1352.3	1354.2	1361.7	1369.2	1361.7	1354.2	1352.3	1335.3	1312.5	1301.0	1297.2
167.5°	1343.5	1344.2	1347.4	1350.5	1347.4	1344.2	1343.5	1332.3	1317.3	1309.9	1306.7
170°	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1343.5	1332.3	1317.3	1309.9	1309.7
172.5°	1336.5	1335.8	1333.0	1330.2	1333.0	1335.8	1336.5	1327.6	1315.8	1309.9	1309.9
175°	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1326.7	1321.1	1313.6	1309.9	1311.7
177.5°	1324.9	1324.2	1321.0	1317.8	1321.0	1324.2	1324.9	1320.5	1314.6	1311.7	1313.1
180°	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8	1317.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2356.3	2367.6	2374.4	2383.4	2406.0
5°	2266.0	2308.9	2322.5	2356.3	2396.9
7.5°	2067.4	2198.4	2234.4	2315.7	2378.9
10°	1875.6	2006.5	2069.6	2261.6	2356.3
12.5°	1778.6	1855.3	1898.1	2166.8	2324.7
15°	1717.6	1771.7	1803.3	2040.3	2288.6
17.5°	1670.2	1708.6	1731.1	1916.2	2238.9
20°	1640.9	1658.9	1679.2	1826.0	2182.6
22.5°	1620.5	1609.3	1625.1	1762.7	2105.8
25°	1607.0	1564.1	1582.2	1713.0	2015.5
27.5°	1618.3	1523.5	1530.3	1667.9	1920.7
30°	1620.5	1473.8	1476.1	1620.5	1814.6
32.5°	1604.7	1422.0	1424.2	1561.9	1695.0
35°	1566.4	1361.0	1358.7	1494.1	1532.5
37.5°	1514.5	1295.5	1295.5	1419.6	1354.2
40°	1451.2	1230.0	1236.9	1322.6	1196.2
42.5°	1374.5	1160.1	1169.1	1194.0	1078.8
45°	1291.0	1092.4	1099.2	1008.9	988.6
47.5°	1198.5	1022.4	1024.7	837.4	959.3
50°	1087.9	950.2	941.2	717.7	957.0
52.5°	990.8	871.2	844.1	650.0	869.0
55°	896.1	787.7	729.0	598.1	805.8
57.5°	812.5	679.4	622.9	537.2	792.2
60°	735.7	573.3	530.4	471.7	726.8
62.5°	672.6	494.3	485.2	426.6	659.0
65°	604.9	440.1	437.8	388.2	559.7
67.5°	539.5	404.0	401.8	352.1	426.6
70°	469.4	365.7	361.1	313.7	315.9
72.5°	397.3	322.8	318.2	282.1	261.8
75°	325.0	273.1	270.8	246.0	212.2
77.5°	255.0	216.7	221.2	198.6	155.7
80°	182.8	158.0	162.5	142.2	117.4
82.5°	121.9	103.9	108.3	90.3	79.0
85°	67.7	58.7	60.9	47.4	36.1
87.5°	31.6	27.1	27.1	18.0	11.3
90°	38.9	24.8	23.0	16.0	8.9
92.5°	240.0	170.7	155.7	95.5	35.4
95°	590.5	332.6	305.1	195.0	84.9
97.5°	795.4	365.3	341.1	243.9	146.8
100°	870.0	392.7	370.7	282.6	194.6
102.5°	904.3	420.1	399.6	317.4	235.2
105°	929.5	460.8	443.4	373.9	304.2
107.5°	934.2	520.9	504.7	439.9	375.0
110°	927.2	554.6	540.0	481.4	422.8



TEST NUMBER: P935643

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	927.5	595.2	581.3	525.5	469.7
115°	936.0	656.2	643.3	591.9	540.4
117.5°	953.5	715.5	703.8	657.1	610.3
120°	967.6	750.0	739.0	695.0	650.9
122.5°	987.9	790.7	779.6	735.1	690.7
125°	1015.3	842.9	832.8	792.3	751.8
127.5°	1042.8	893.3	883.1	842.3	801.3
130°	1062.8	926.9	915.9	871.9	827.8
132.5°	1079.0	954.3	943.3	899.3	855.2
135°	1096.7	986.2	976.2	936.0	896.0
137.5°	1123.3	1026.8	1016.9	977.2	937.5
140°	1139.5	1054.3	1045.1	1008.6	972.0
142.5°	1153.0	1074.6	1066.1	1032.4	998.6
145°	1170.8	1105.6	1098.2	1068.7	1039.2
147.5°	1196.7	1144.5	1137.4	1108.7	1080.0
150°	1210.2	1164.9	1158.4	1132.4	1106.4
152.5°	1219.1	1178.1	1173.1	1153.5	1133.9
155°	1238.6	1207.3	1203.6	1189.1	1174.6
157.5°	1258.0	1236.4	1232.9	1218.8	1204.7
160°	1266.8	1249.8	1247.0	1236.0	1225.0
162.5°	1276.2	1263.9	1261.8	1253.5	1245.3
165°	1289.8	1284.3	1282.4	1275.0	1267.4
167.5°	1300.4	1295.7	1294.9	1291.3	1287.8
170°	1309.3	1309.0	1308.2	1304.6	1301.0
172.5°	1309.9	1309.9	1309.7	1308.9	1308.1
175°	1315.2	1317.8	1317.8	1317.8	1317.8
177.5°	1315.8	1317.8	1317.8	1317.8	1317.8
180°	1317.8	1317.8	1317.8	1317.8	1317.8



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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	12.37	13.17	13.40	14.20	15.58	15.21	16.01	16.23	17.04	18.42
	3H	12.85	13.56	13.88	14.60	16.00	16.55	17.27	17.59	18.31	19.71
	4H	13.03	13.71	14.08	14.75	16.16	17.00	17.67	18.04	18.71	20.12
	6H	13.15	13.77	14.20	14.82	16.24	17.28	17.90	18.34	18.95	20.37
	8H	13.15	13.74	14.21	14.80	16.22	17.35	17.94	18.41	19.01	20.42
	12H	13.12	13.68	14.18	14.73	16.17	17.39	17.95	18.46	19.01	20.45
4H	2H	13.40	14.07	14.45	15.12	16.52	15.61	16.29	16.66	17.33	18.74
	3H	14.42	14.98	15.48	16.05	17.47	17.11	17.68	18.17	18.75	20.17
	4H	14.69	15.21	15.76	16.27	17.71	17.64	18.16	18.71	19.22	20.66
	6H	14.82	15.26	15.89	16.34	17.78	18.00	18.45	19.08	19.53	20.97
	8H	14.82	15.23	15.90	16.31	17.76	18.11	18.52	19.19	19.60	21.05
	12H	14.78	15.16	15.88	16.25	17.71	18.17	18.54	19.26	19.63	21.09
8H	4H	15.14	15.56	16.22	16.63	18.09	17.76	18.17	18.84	19.25	20.70
	6H	15.40	15.74	16.50	16.86	18.31	18.20	18.54	19.29	19.66	21.11
	8H	15.44	15.74	16.55	16.84	18.31	18.35	18.65	19.45	19.75	21.22
	12H	15.43	15.69	16.53	16.79	18.29	18.44	18.71	19.55	19.80	21.31
12H	4H	15.15	15.52	16.24	16.61	18.07	17.72	18.09	18.81	19.18	20.64
	6H	15.46	15.76	16.57	16.86	18.33	18.19	18.49	19.30	19.59	21.06
	8H	15.53	15.79	16.64	16.89	18.40	18.35	18.61	19.46	19.71	21.22