

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: P936043

Luminaire Tested: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936043
REPORT IS A COMBINATION OF REPORTS P933780 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-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

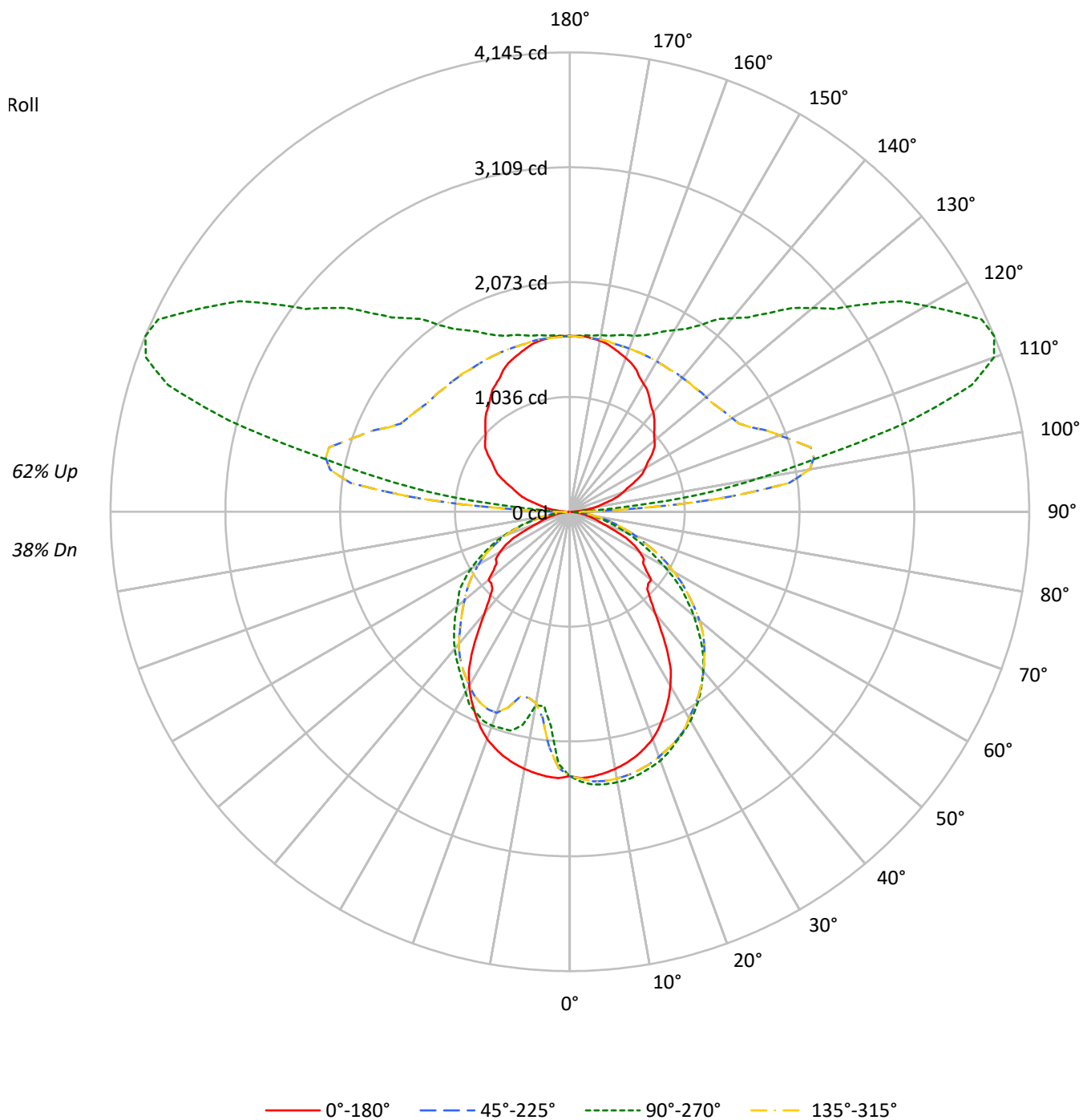
Lumens per Lamp: N/A
Luminaire Lumens: 16483.0 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 144.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	45	45	45
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20
6	61	49	41	35	55	45	38	33	37	32	28	29	26	23	22	20	18
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16
8	52	40	32	27	47	37	30	25	30	25	21	24	21	18	19	16	14
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	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

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.3	1.3
10°-20°	611.4	3.7
20°-30°	945.2	5.7
30°-40°	1128.3	6.8
40°-50°	1134.9	6.9
50°-60°	987.5	6.0
60°-70°	700.2	4.2
70°-80°	370.4	2.2
80°-90°	98.3	0.6
90°-100°	773.9	4.7
100°-110°	2034.5	12.3
110°-120°	2109.5	12.8
120°-130°	1692.1	10.3
130°-140°	1327.7	8.1
140°-150°	1019.0	6.2
150°-160°	733.9	4.5
160°-170°	449.0	2.7
170°-180°	151.7	0.9
0°-30°	1771.9	10.8
0°-40°	2900.3	17.6
0°-60°	5022.7	30.5
0°-90°	6191.7	37.6
90°-120°	4917.9	29.8
90°-150°	8956.7	54.3
90°-180°	10291.0	62.4
0°-180°	16483.0	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°	11	40	11	40	11	10
95°	102	468	102	468	102	114
105°	366	3186	366	3186	366	389
115°	651	4102	651	4102	651	643
125°	906	3267	906	3267	906	804
135°	1079	2535	1079	2535	1079	835
145°	1252	2056	1252	2056	1252	784
155°	1415	1771	1415	1771	1415	650
165°	1527	1649	1527	1649	1527	431
175°	1588	1598	1588	1598	1588	151
180°	1588	1588	1588	1588	1588	

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

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°	10.7	19.2	27.7	29.8	46.9	69.6	81.0	72.0	54.0	40.5	40.5
92.5°	42.6	115.1	187.6	205.7	289.1	400.4	456.0	399.6	287.0	202.4	194.4
95°	102.3	234.9	367.4	400.6	711.3	1125.7	1332.9	1189.4	902.5	687.2	662.8
97.5°	176.9	293.8	410.8	440.0	958.2	1649.2	1994.6	1903.9	1722.5	1586.5	1540.1
100°	234.4	340.5	446.5	473.1	1048.1	1814.7	2198.0	2204.7	2217.9	2227.8	2172.6
102.5°	283.4	382.4	481.3	506.1	1089.3	1866.8	2255.6	2371.1	2602.2	2775.5	2728.2
105°	366.5	450.3	534.2	555.1	1119.8	1872.7	2249.2	2508.2	3026.3	3414.8	3389.4
107.5°	451.7	529.9	608.0	627.5	1125.5	1789.4	2121.3	2482.6	3205.3	3747.2	3753.4
110°	509.3	579.9	650.4	668.0	1116.9	1715.5	2014.8	2418.7	3226.6	3832.5	3859.0



TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	565.8	633.0	700.2	717.0	1117.3	1650.9	1917.8	2331.2	3158.0	3778.1	3818.8
115°	651.0	713.0	775.0	790.6	1127.6	1577.0	1801.7	2199.9	2996.4	3593.7	3650.2
117.5°	735.1	791.5	847.9	862.0	1148.5	1530.7	1721.8	2081.2	2800.0	3339.1	3401.7
120°	784.2	837.2	890.3	903.5	1165.6	1515.1	1689.8	2018.2	2675.0	3167.6	3228.4
122.5°	832.1	885.6	939.1	952.5	1190.1	1506.9	1665.3	1961.0	2552.5	2996.0	3056.1
125°	905.6	954.4	1003.2	1015.4	1223.1	1500.1	1638.6	1889.8	2392.2	2769.1	2824.3
127.5°	965.3	1014.5	1063.8	1076.1	1256.2	1496.3	1616.3	1831.9	2263.4	2586.9	2633.5
130°	997.3	1050.3	1103.4	1116.6	1280.3	1498.6	1607.7	1799.7	2183.8	2471.8	2515.0
132.5°	1030.3	1083.4	1136.4	1149.7	1299.9	1500.2	1600.3	1772.1	2115.9	2373.8	2412.4
135°	1079.3	1127.6	1176.0	1188.0	1321.2	1498.7	1587.5	1731.5	2019.4	2235.3	2268.6
137.5°	1129.4	1177.2	1225.0	1236.9	1353.1	1508.0	1585.4	1707.1	1950.5	2133.0	2160.3
140°	1170.9	1215.0	1259.0	1270.0	1372.7	1509.5	1577.9	1683.1	1893.3	2051.0	2076.5
142.5°	1202.9	1243.6	1284.4	1294.5	1389.0	1515.0	1577.9	1670.2	1854.9	1993.4	2015.3
145°	1251.9	1287.4	1323.0	1331.8	1410.3	1515.0	1567.2	1642.7	1793.8	1907.2	1923.8
147.5°	1300.9	1335.5	1370.1	1378.7	1441.6	1525.4	1567.2	1626.7	1745.5	1834.7	1848.4
150°	1332.9	1364.1	1395.4	1403.2	1457.8	1530.8	1567.2	1617.5	1717.8	1793.2	1804.3
152.5°	1365.9	1389.6	1413.3	1419.2	1468.6	1534.4	1567.2	1610.1	1695.8	1760.1	1768.5
155°	1414.9	1432.5	1450.0	1454.3	1492.0	1542.1	1567.2	1601.3	1669.6	1720.7	1726.3
157.5°	1451.2	1468.2	1485.2	1489.5	1515.4	1550.0	1567.2	1593.8	1646.8	1686.6	1690.6
160°	1475.7	1488.9	1502.2	1505.5	1526.1	1553.5	1567.2	1590.0	1635.5	1669.6	1671.8
162.5°	1500.2	1510.1	1520.1	1522.6	1537.4	1557.3	1567.2	1586.5	1624.8	1653.6	1655.7
165°	1526.8	1535.7	1544.8	1547.0	1553.7	1562.7	1567.2	1581.0	1608.5	1629.1	1631.3
167.5°	1551.3	1555.5	1559.8	1560.9	1566.6	1574.2	1577.9	1586.9	1604.9	1618.4	1619.3
170°	1567.2	1571.5	1575.8	1576.9	1577.2	1577.7	1577.9	1586.9	1604.9	1618.4	1618.4
172.5°	1575.8	1576.7	1577.7	1577.9	1577.9	1577.9	1577.9	1585.0	1599.2	1609.9	1609.0
175°	1587.5	1587.5	1587.5	1587.5	1584.3	1580.1	1577.9	1582.4	1591.4	1598.2	1598.2
177.5°	1587.5	1587.5	1587.5	1587.5	1585.0	1581.7	1580.1	1583.6	1590.7	1596.0	1595.1
180°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

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°	40.5	40.5	40.5	40.5	40.5	54.0	72.0	81.0	69.6	46.9	29.8
92.5°	162.2	130.0	162.2	194.4	202.4	287.0	399.6	456.0	400.4	289.1	205.7
95°	565.3	467.7	565.3	662.8	687.2	902.5	1189.4	1332.9	1125.7	711.3	400.6
97.5°	1354.4	1168.8	1354.4	1540.1	1586.5	1722.5	1903.9	1994.6	1649.2	958.2	440.0
100°	1951.4	1730.3	1951.4	2172.6	2227.8	2217.9	2204.7	2198.0	1814.7	1048.1	473.1
102.5°	2538.7	2349.4	2538.7	2728.2	2775.5	2602.2	2371.1	2255.6	1866.8	1089.3	506.1
105°	3287.5	3185.7	3287.5	3389.4	3414.8	3026.3	2508.2	2249.2	1872.7	1119.8	555.1
107.5°	3778.0	3802.6	3778.0	3753.4	3747.2	3205.3	2482.6	2121.3	1789.4	1125.5	627.5
110°	3965.0	4071.1	3965.0	3859.0	3832.5	3226.6	2418.7	2014.8	1715.5	1116.9	668.0

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-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°	3981.7	4144.6	3981.7	3818.8	3778.1	3158.0	2331.2	1917.8	1650.9	1117.3	717.0
115°	3876.1	4101.9	3876.1	3650.2	3593.7	2996.4	2199.9	1801.7	1577.0	1127.6	790.6
117.5°	3652.3	3902.8	3652.3	3401.7	3339.1	2800.0	2081.2	1721.8	1530.7	1148.5	862.0
120°	3471.9	3715.2	3471.9	3228.4	3167.6	2675.0	2018.2	1689.8	1515.1	1165.6	903.5
122.5°	3296.2	3536.3	3296.2	3056.1	2996.0	2552.5	1961.0	1665.3	1506.9	1190.1	952.5
125°	3045.6	3266.7	3045.6	2824.3	2769.1	2392.2	1889.8	1638.6	1500.1	1223.1	1015.4
127.5°	2820.2	3006.7	2820.2	2633.5	2586.9	2263.4	1831.9	1616.3	1496.3	1256.2	1076.1
130°	2687.3	2859.7	2687.3	2515.0	2471.8	2183.8	1799.7	1607.7	1498.6	1280.3	1116.6
132.5°	2566.7	2721.2	2566.7	2412.4	2373.8	2115.9	1772.1	1600.3	1500.2	1299.9	1149.7
135°	2401.6	2534.7	2401.6	2268.6	2235.3	2019.4	1731.5	1587.5	1498.7	1321.2	1188.0
137.5°	2269.2	2378.1	2269.2	2160.3	2133.0	1950.5	1707.1	1585.4	1508.0	1353.1	1236.9
140°	2178.3	2280.1	2178.3	2076.5	2051.0	1893.3	1683.1	1577.9	1509.5	1372.7	1270.0
142.5°	2102.9	2190.6	2102.9	2015.3	1993.4	1854.9	1670.2	1577.9	1515.0	1389.0	1294.5
145°	1990.0	2056.3	1990.0	1923.8	1907.2	1793.8	1642.7	1567.2	1515.0	1410.3	1331.8
147.5°	1903.3	1958.3	1903.3	1848.4	1834.7	1745.5	1626.7	1567.2	1525.4	1441.6	1378.7
150°	1848.8	1893.3	1848.8	1804.3	1793.2	1717.8	1617.5	1567.2	1530.8	1457.8	1403.2
152.5°	1802.1	1835.8	1802.1	1768.5	1760.1	1695.8	1610.1	1567.2	1534.4	1468.6	1419.2
155°	1748.6	1770.8	1748.6	1726.3	1720.7	1669.6	1601.3	1567.2	1542.1	1492.0	1454.3
157.5°	1706.1	1721.8	1706.1	1690.6	1686.6	1646.8	1593.8	1567.2	1550.0	1515.4	1489.5
160°	1680.8	1689.8	1680.8	1671.8	1669.6	1635.5	1590.0	1567.2	1553.5	1526.1	1505.5
162.5°	1664.2	1672.7	1664.2	1655.7	1653.6	1624.8	1586.5	1567.2	1557.3	1537.4	1522.6
165°	1640.4	1649.3	1640.4	1631.3	1629.1	1608.5	1581.0	1567.2	1562.7	1553.7	1547.0
167.5°	1623.2	1626.9	1623.2	1619.3	1618.4	1604.9	1586.9	1577.9	1574.2	1566.6	1560.9
170°	1618.4	1618.4	1618.4	1618.4	1618.4	1604.9	1586.9	1577.9	1577.7	1577.2	1576.9
172.5°	1605.8	1602.4	1605.8	1609.0	1609.9	1599.2	1585.0	1577.9	1577.9	1577.9	1577.9
175°	1598.2	1598.2	1598.2	1598.2	1598.2	1591.4	1582.4	1577.9	1580.1	1584.3	1587.5
177.5°	1591.2	1587.5	1591.2	1595.1	1596.0	1590.7	1583.6	1580.1	1581.7	1585.0	1587.5
180°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-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°	27.7	19.2	10.7	19.2	27.7	29.8	46.9	69.6	81.0	72.0	54.0
92.5°	187.6	115.1	42.6	115.1	187.6	205.7	289.1	400.4	456.0	399.6	287.0
95°	367.4	234.9	102.3	234.9	367.4	400.6	711.3	1125.7	1332.9	1189.4	902.5
97.5°	410.8	293.8	176.9	293.8	410.8	440.0	958.2	1649.2	1994.6	1903.9	1722.5
100°	446.5	340.5	234.4	340.5	446.5	473.1	1048.1	1814.7	2198.0	2204.7	2217.9
102.5°	481.3	382.4	283.4	382.4	481.3	506.1	1089.3	1866.8	2255.6	2371.1	2602.2
105°	534.2	450.3	366.5	450.3	534.2	555.1	1119.8	1872.7	2249.2	2508.2	3026.3
107.5°	608.0	529.9	451.7	529.9	608.0	627.5	1125.5	1789.4	2121.3	2482.6	3205.3
110°	650.4	579.9	509.3	579.9	650.4	668.0	1116.9	1715.5	2014.8	2418.7	3226.6

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-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°	700.2	633.0	565.8	633.0	700.2	717.0	1117.3	1650.9	1917.8	2331.2	3158.0
115°	775.0	713.0	651.0	713.0	775.0	790.6	1127.6	1577.0	1801.7	2199.9	2996.4
117.5°	847.9	791.5	735.1	791.5	847.9	862.0	1148.5	1530.7	1721.8	2081.2	2800.0
120°	890.3	837.2	784.2	837.2	890.3	903.5	1165.6	1515.1	1689.8	2018.2	2675.0
122.5°	939.1	885.6	832.1	885.6	939.1	952.5	1190.1	1506.9	1665.3	1961.0	2552.5
125°	1003.2	954.4	905.6	954.4	1003.2	1015.4	1223.1	1500.1	1638.6	1889.8	2392.2
127.5°	1063.8	1014.5	965.3	1014.5	1063.8	1076.1	1256.2	1496.3	1616.3	1831.9	2263.4
130°	1103.4	1050.3	997.3	1050.3	1103.4	1116.6	1280.3	1498.6	1607.7	1799.7	2183.8
132.5°	1136.4	1083.4	1030.3	1083.4	1136.4	1149.7	1299.9	1500.2	1600.3	1772.1	2115.9
135°	1176.0	1127.6	1079.3	1127.6	1176.0	1188.0	1321.2	1498.7	1587.5	1731.5	2019.4
137.5°	1225.0	1177.2	1129.4	1177.2	1225.0	1236.9	1353.1	1508.0	1585.4	1707.1	1950.5
140°	1259.0	1215.0	1170.9	1215.0	1259.0	1270.0	1372.7	1509.5	1577.9	1683.1	1893.3
142.5°	1284.4	1243.6	1202.9	1243.6	1284.4	1294.5	1389.0	1515.0	1577.9	1670.2	1854.9
145°	1323.0	1287.4	1251.9	1287.4	1323.0	1331.8	1410.3	1515.0	1567.2	1642.7	1793.8
147.5°	1370.1	1335.5	1300.9	1335.5	1370.1	1378.7	1441.6	1525.4	1567.2	1626.7	1745.5
150°	1395.4	1364.1	1332.9	1364.1	1395.4	1403.2	1457.8	1530.8	1567.2	1617.5	1717.8
152.5°	1413.3	1389.6	1365.9	1389.6	1413.3	1419.2	1468.6	1534.4	1567.2	1610.1	1695.8
155°	1450.0	1432.5	1414.9	1432.5	1450.0	1454.3	1492.0	1542.1	1567.2	1601.3	1669.6
157.5°	1485.2	1468.2	1451.2	1468.2	1485.2	1489.5	1515.4	1550.0	1567.2	1593.8	1646.8
160°	1502.2	1488.9	1475.7	1488.9	1502.2	1505.5	1526.1	1553.5	1567.2	1590.0	1635.5
162.5°	1520.1	1510.1	1500.2	1510.1	1520.1	1522.6	1537.4	1557.3	1567.2	1586.5	1624.8
165°	1544.8	1535.7	1526.8	1535.7	1544.8	1547.0	1553.7	1562.7	1567.2	1581.0	1608.5
167.5°	1559.8	1555.5	1551.3	1555.5	1559.8	1560.9	1566.6	1574.2	1577.9	1586.9	1604.9
170°	1575.8	1571.5	1567.2	1571.5	1575.8	1576.9	1577.2	1577.7	1577.9	1586.9	1604.9
172.5°	1577.7	1576.7	1575.8	1576.7	1577.7	1577.9	1577.9	1577.9	1577.9	1585.0	1599.2
175°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1584.3	1580.1	1577.9	1582.4	1591.4
177.5°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1585.0	1581.7	1580.1	1583.6	1590.7
180°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-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°	40.5	40.5	40.5	40.5	40.5	40.5	40.5	54.0	72.0	81.0	69.6
92.5°	202.4	194.4	162.2	130.0	162.2	194.4	202.4	287.0	399.6	456.0	400.4
95°	687.2	662.8	565.3	467.7	565.3	662.8	687.2	902.5	1189.4	1332.9	1125.7
97.5°	1586.5	1540.1	1354.4	1168.8	1354.4	1540.1	1586.5	1722.5	1903.9	1994.6	1649.2
100°	2227.8	2172.6	1951.4	1730.3	1951.4	2172.6	2227.8	2217.9	2204.7	2198.0	1814.7
102.5°	2775.5	2728.2	2538.7	2349.4	2538.7	2728.2	2775.5	2602.2	2371.1	2255.6	1866.8
105°	3414.8	3389.4	3287.5	3185.7	3287.5	3389.4	3414.8	3026.3	2508.2	2249.2	1872.7
107.5°	3747.2	3753.4	3778.0	3802.6	3778.0	3753.4	3747.2	3205.3	2482.6	2121.3	1789.4
110°	3832.5	3859.0	3965.0	4071.1	3965.0	3859.0	3832.5	3226.6	2418.7	2014.8	1715.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3778.1	3818.8	3981.7	4144.6	3981.7	3818.8	3778.1	3158.0	2331.2	1917.8	1650.9
115°	3593.7	3650.2	3876.1	4101.9	3876.1	3650.2	3593.7	2996.4	2199.9	1801.7	1577.0
117.5°	3339.1	3401.7	3652.3	3902.8	3652.3	3401.7	3339.1	2800.0	2081.2	1721.8	1530.7
120°	3167.6	3228.4	3471.9	3715.2	3471.9	3228.4	3167.6	2675.0	2018.2	1689.8	1515.1
122.5°	2996.0	3056.1	3296.2	3536.3	3296.2	3056.1	2996.0	2552.5	1961.0	1665.3	1506.9
125°	2769.1	2824.3	3045.6	3266.7	3045.6	2824.3	2769.1	2392.2	1889.8	1638.6	1500.1
127.5°	2586.9	2633.5	2820.2	3006.7	2820.2	2633.5	2586.9	2263.4	1831.9	1616.3	1496.3
130°	2471.8	2515.0	2687.3	2859.7	2687.3	2515.0	2471.8	2183.8	1799.7	1607.7	1498.6
132.5°	2373.8	2412.4	2566.7	2721.2	2566.7	2412.4	2373.8	2115.9	1772.1	1600.3	1500.2
135°	2235.3	2268.6	2401.6	2534.7	2401.6	2268.6	2235.3	2019.4	1731.5	1587.5	1498.7
137.5°	2133.0	2160.3	2269.2	2378.1	2269.2	2160.3	2133.0	1950.5	1707.1	1585.4	1508.0
140°	2051.0	2076.5	2178.3	2280.1	2178.3	2076.5	2051.0	1893.3	1683.1	1577.9	1509.5
142.5°	1993.4	2015.3	2102.9	2190.6	2102.9	2015.3	1993.4	1854.9	1670.2	1577.9	1515.0
145°	1907.2	1923.8	1990.0	2056.3	1990.0	1923.8	1907.2	1793.8	1642.7	1567.2	1515.0
147.5°	1834.7	1848.4	1903.3	1958.3	1903.3	1848.4	1834.7	1745.5	1626.7	1567.2	1525.4
150°	1793.2	1804.3	1848.8	1893.3	1848.8	1804.3	1793.2	1717.8	1617.5	1567.2	1530.8
152.5°	1760.1	1768.5	1802.1	1835.8	1802.1	1768.5	1760.1	1695.8	1610.1	1567.2	1534.4
155°	1720.7	1726.3	1748.6	1770.8	1748.6	1726.3	1720.7	1669.6	1601.3	1567.2	1542.1
157.5°	1686.6	1690.6	1706.1	1721.8	1706.1	1690.6	1686.6	1646.8	1593.8	1567.2	1550.0
160°	1669.6	1671.8	1680.8	1689.8	1680.8	1671.8	1669.6	1635.5	1590.0	1567.2	1553.5
162.5°	1653.6	1655.7	1664.2	1672.7	1664.2	1655.7	1653.6	1624.8	1586.5	1567.2	1557.3
165°	1629.1	1631.3	1640.4	1649.3	1640.4	1631.3	1629.1	1608.5	1581.0	1567.2	1562.7
167.5°	1618.4	1619.3	1623.2	1626.9	1623.2	1619.3	1618.4	1604.9	1586.9	1577.9	1574.2
170°	1618.4	1618.4	1618.4	1618.4	1618.4	1618.4	1618.4	1604.9	1586.9	1577.9	1577.7
172.5°	1609.9	1609.0	1605.8	1602.4	1605.8	1609.0	1609.9	1599.2	1585.0	1577.9	1577.9
175°	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1591.4	1582.4	1577.9	1580.1
177.5°	1596.0	1595.1	1591.2	1587.5	1591.2	1595.1	1596.0	1590.7	1583.6	1580.1	1581.7
180°	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5	1587.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

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°	46.9	29.8	27.7	19.2	10.7
92.5°	289.1	205.7	187.6	115.1	42.6
95°	711.3	400.6	367.4	234.9	102.3
97.5°	958.2	440.0	410.8	293.8	176.9
100°	1048.1	473.1	446.5	340.5	234.4
102.5°	1089.3	506.1	481.3	382.4	283.4
105°	1119.8	555.1	534.2	450.3	366.5
107.5°	1125.5	627.5	608.0	529.9	451.7
110°	1116.9	668.0	650.4	579.9	509.3

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1117.3	717.0	700.2	633.0	565.8
115°	1127.6	790.6	775.0	713.0	651.0
117.5°	1148.5	862.0	847.9	791.5	735.1
120°	1165.6	903.5	890.3	837.2	784.2
122.5°	1190.1	952.5	939.1	885.6	832.1
125°	1223.1	1015.4	1003.2	954.4	905.6
127.5°	1256.2	1076.1	1063.8	1014.5	965.3
130°	1280.3	1116.6	1103.4	1050.3	997.3
132.5°	1299.9	1149.7	1136.4	1083.4	1030.3
135°	1321.2	1188.0	1176.0	1127.6	1079.3
137.5°	1353.1	1236.9	1225.0	1177.2	1129.4
140°	1372.7	1270.0	1259.0	1215.0	1170.9
142.5°	1389.0	1294.5	1284.4	1243.6	1202.9
145°	1410.3	1331.8	1323.0	1287.4	1251.9
147.5°	1441.6	1378.7	1370.1	1335.5	1300.9
150°	1457.8	1403.2	1395.4	1364.1	1332.9
152.5°	1468.6	1419.2	1413.3	1389.6	1365.9
155°	1492.0	1454.3	1450.0	1432.5	1414.9
157.5°	1515.4	1489.5	1485.2	1468.2	1451.2
160°	1526.1	1505.5	1502.2	1488.9	1475.7
162.5°	1537.4	1522.6	1520.1	1510.1	1500.2
165°	1553.7	1547.0	1544.8	1535.7	1526.8
167.5°	1566.6	1560.9	1559.8	1555.5	1551.3
170°	1577.2	1576.9	1575.8	1571.5	1567.2
172.5°	1577.9	1577.9	1577.7	1576.7	1575.8
175°	1584.3	1587.5	1587.5	1587.5	1587.5
177.5°	1585.0	1587.5	1587.5	1587.5	1587.5
180°	1587.5	1587.5	1587.5	1587.5	1587.5

TEST NUMBER: P936043

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-8-2700K

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	11.89	12.65	12.94	13.71	15.15	14.73	15.49	15.78	16.55	17.98
	3H	12.36	13.04	13.42	14.11	15.56	16.07	16.75	17.13	17.82	19.27
	4H	12.54	13.19	13.62	14.26	15.72	16.51	17.15	17.58	18.22	19.69
	6H	12.66	13.25	13.74	14.32	15.80	16.79	17.38	17.88	18.46	19.93
	8H	12.65	13.22	13.75	14.31	15.78	16.86	17.43	17.95	18.52	19.99
	12H	12.62	13.16	13.72	14.24	15.74	16.90	17.43	17.99	18.52	20.01
4H	2H	12.91	13.55	13.99	14.63	16.09	15.12	15.77	16.21	16.84	18.30
	3H	13.93	14.46	15.02	15.56	17.04	16.62	17.16	17.71	18.26	19.73
	4H	14.20	14.69	15.30	15.78	17.28	17.15	17.64	18.24	18.73	20.22
	6H	14.32	14.74	15.42	15.85	17.34	17.51	17.93	18.61	19.04	20.53
	8H	14.32	14.72	15.43	15.82	17.33	17.61	18.01	18.72	19.11	20.62
	12H	14.28	14.64	15.41	15.76	17.27	17.67	18.02	18.79	19.14	20.65
8H	4H	14.65	15.04	15.75	16.14	17.65	17.26	17.66	18.37	18.76	20.27
	6H	14.90	15.23	16.03	16.37	17.88	17.70	18.02	18.82	19.17	20.67
	8H	14.94	15.23	16.08	16.36	17.88	17.85	18.13	18.98	19.26	20.78
	12H	14.92	15.17	16.06	16.30	17.86	17.94	18.19	19.08	19.32	20.88
12H	4H	14.65	15.00	15.77	16.12	17.63	17.22	17.58	18.34	18.70	20.21
	6H	14.96	15.25	16.10	16.38	17.90	17.69	17.98	18.83	19.10	20.63
	8H	15.02	15.28	16.16	16.40	17.96	17.85	18.10	18.99	19.22	20.78

END OF REPORT