

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: P935287

Luminaire Tested: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935287
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

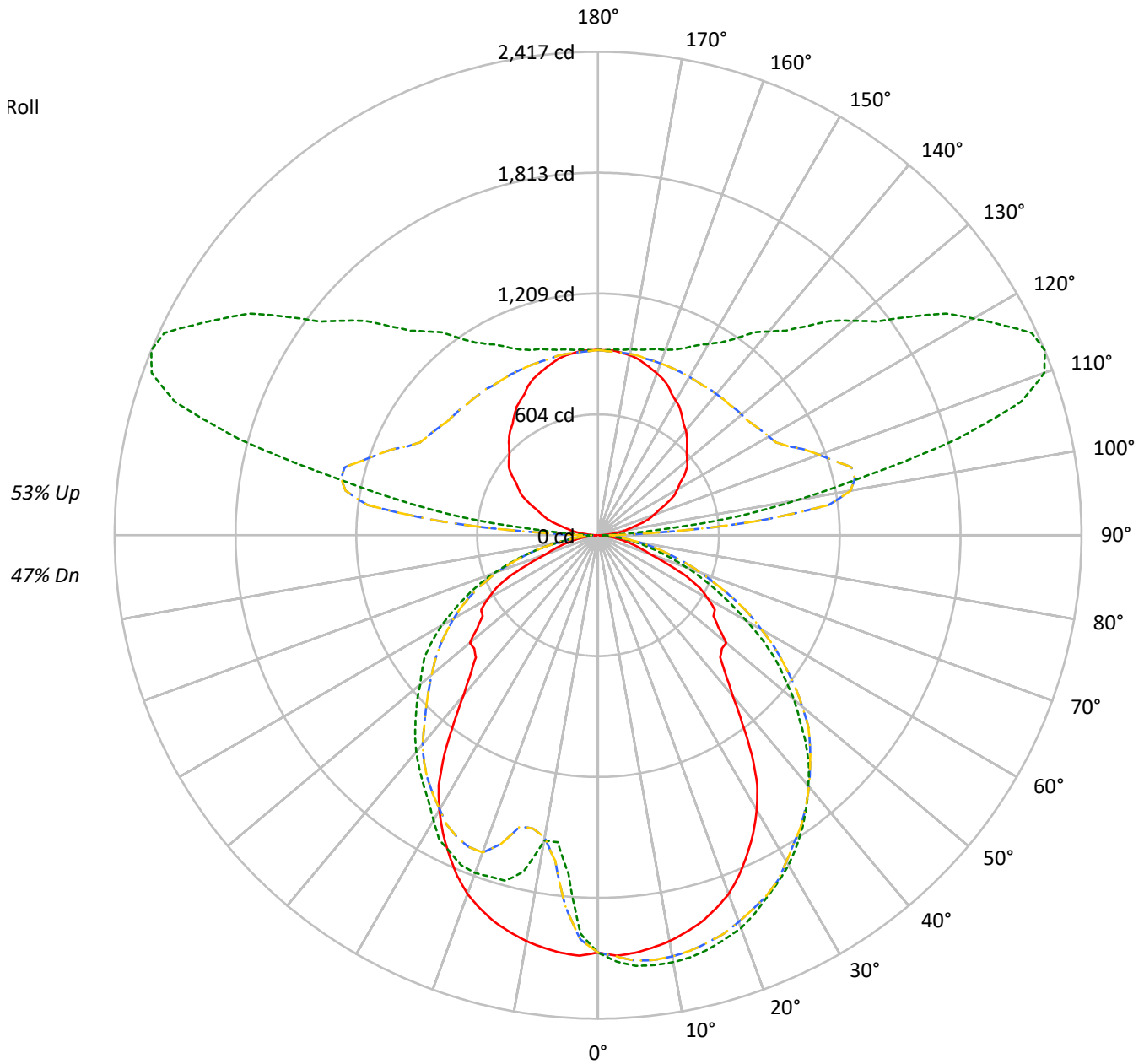
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11415.2 lumens
Efficiency: N/A
Efficacy: 131.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 87
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12906	12906	12906	12906
5°	12997	13028	12997	10244
10°	12906	12833	12906	9175
15°	12761	12555	12761	10484
20°	12489	12226	12489	10506
25°	11937	11746	11937	10283
30°	11227	11347	11227	9794
35°	10004	10841	10004	9257
40°	8331	10248	8331	8851
45°	7439	9553	7439	8384
50°	7896	8724	7896	7916
55°	7424	7830	7424	7646
60°	7642	6651	7642	7002
65°	6918	5497	6918	6145
70°	4779	4381	4779	5151
75°	4176	3239	4176	3879
80°	3339	2142	3339	2331
85°	1884	1135	1884	964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11410 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.3	1.6
10°-20°	534.7	4.7
20°-30°	826.5	7.2
30°-40°	986.7	8.6
40°-50°	992.5	8.7
50°-60°	863.6	7.6
60°-70°	612.3	5.4
70°-80°	323.9	2.8
80°-90°	84.2	0.7
90°-100°	451.3	4.0
100°-110°	1186.6	10.4
110°-120°	1230.4	10.8
120°-130°	986.9	8.6
130°-140°	774.4	6.8
140°-150°	594.4	5.2
150°-160°	428.0	3.7
160°-170°	261.9	2.3
170°-180°	88.5	0.8
0°-30°	1549.6	13.6
0°-40°	2536.3	22.2
0°-60°	4392.4	38.5
0°-90°	5412.8	47.4
90°-120°	2868.3	25.1
90°-150°	5223.9	45.8
90°-180°	6002.0	52.6
0°-180°	11415.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2086	2086	2086	2086	2086	
5°	2096	2161	2096	1699	2096	199
15°	2001	2142	2001	1788	2001	563
25°	1762	1998	1762	1749	1762	809
35°	1340	1782	1340	1522	1340	829
45°	864	1468	864	1289	864	692
55°	705	1084	705	1058	705	647
65°	490	653	490	730	490	468
75°	186	310	186	371	186	195
85°	32	79	32	67	32	43
90°	6	24	6	24	6	6
95°	60	273	60	273	60	66
105°	214	1858	214	1858	214	227
115°	380	2392	380	2392	380	375
125°	528	1905	528	1905	528	469
135°	630	1478	630	1478	630	487
145°	730	1199	730	1199	730	457
155°	825	1033	825	1033	825	379
165°	890	962	890	962	890	251
175°	926	932	926	932	926	88
180°	926	926	926	926	926	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2104.0	2104.0	2115.9	2119.8	2119.8	2113.9	2107.9	2113.9	2131.6	2137.6	2135.6
5°	2096.1	2111.9	2133.6	2137.6	2141.5	2139.5	2135.6	2139.5	2159.2	2163.2	2165.2
7.5°	2080.3	2109.9	2137.6	2143.5	2149.4	2143.5	2141.5	2145.5	2165.2	2169.2	2169.2
10°	2060.6	2102.1	2133.6	2137.6	2143.5	2137.6	2137.6	2145.5	2165.2	2169.2	2171.1
12.5°	2032.9	2090.2	2119.8	2123.8	2131.6	2129.6	2127.7	2135.6	2155.3	2159.2	2159.2
15°	2001.4	2068.5	2096.1	2100.1	2113.9	2109.9	2109.9	2117.8	2139.5	2145.5	2143.5
17.5°	1957.9	2040.8	2072.5	2078.4	2088.2	2086.2	2088.2	2096.1	2115.9	2119.8	2121.8
20°	1908.6	2003.4	2040.8	2046.8	2056.6	2056.6	2056.6	2066.5	2086.2	2094.2	2094.2
22.5°	1841.5	1963.9	2003.4	2007.3	2019.2	2019.2	2023.1	2036.9	2054.6	2056.6	2056.6
25°	1762.5	1920.5	1954.1	1965.8	1977.7	1983.6	1989.5	1997.5	2003.4	2001.4	2003.4
27.5°	1679.7	1865.2	1908.6	1916.5	1932.3	1938.2	1946.1	1948.1	1950.1	1955.9	1952.1
30°	1586.9	1788.2	1853.4	1861.2	1886.9	1890.8	1882.9	1886.9	1896.8	1900.8	1904.7
32.5°	1482.2	1673.8	1796.1	1813.9	1837.5	1825.7	1823.8	1829.7	1845.5	1845.5	1849.4
35°	1340.2	1584.9	1742.8	1758.6	1776.4	1762.5	1770.5	1772.4	1782.2	1788.2	1786.2
37.5°	1184.2	1507.9	1687.5	1699.4	1713.2	1695.5	1707.2	1713.2	1721.1	1717.2	1717.2
40°	1046.1	1387.5	1622.4	1630.4	1642.2	1628.4	1640.2	1644.1	1648.1	1644.1	1642.2
42.5°	943.4	1255.3	1553.4	1563.2	1555.4	1565.2	1569.1	1577.1	1571.1	1563.2	1563.2
45°	864.5	1219.8	1478.4	1490.2	1478.4	1494.1	1500.1	1500.1	1482.2	1478.4	1476.4
47.5°	838.8	1148.7	1403.4	1403.4	1397.4	1417.1	1427.0	1413.2	1395.4	1389.5	1389.5
50°	836.8	1069.8	1300.7	1292.8	1320.4	1344.1	1334.2	1320.4	1306.7	1284.9	1284.9
52.5°	759.8	973.1	1168.4	1198.1	1241.5	1255.3	1239.5	1225.7	1202.0	1192.1	1184.2
55°	704.7	872.4	1048.1	1107.3	1152.7	1170.4	1140.8	1127.0	1091.5	1085.5	1081.7
57.5°	692.8	726.4	937.5	1012.5	1067.8	1065.8	1048.1	1022.4	992.8	986.8	984.9
60°	635.5	525.0	819.1	908.0	965.1	959.2	943.4	919.8	892.1	888.2	884.2
62.5°	576.3	381.0	684.8	785.5	866.5	864.5	850.7	815.1	795.4	785.5	777.7
65°	489.5	319.7	487.5	653.3	769.8	773.7	744.1	718.4	696.7	684.8	683.0
67.5°	373.0	260.6	329.6	544.7	677.0	673.1	635.5	623.7	596.1	590.1	578.3
70°	276.3	173.7	229.0	442.1	586.2	576.3	546.7	533.0	507.3	493.4	485.6
72.5°	229.0	140.1	167.7	343.4	493.4	481.6	456.0	440.1	418.4	406.6	398.7
75°	185.6	148.0	128.3	254.6	400.7	392.8	369.1	353.3	335.6	319.7	321.7
77.5°	136.2	138.1	102.6	187.5	317.7	306.0	292.1	272.4	264.4	248.7	248.7
80°	102.6	108.6	77.0	128.3	229.0	229.0	217.1	203.3	189.4	181.6	181.6
82.5°	69.1	69.1	57.3	80.9	156.0	150.0	142.1	138.1	130.3	126.3	126.3
85°	31.6	39.4	35.6	49.3	84.9	88.8	88.8	84.9	82.9	79.0	80.9
87.5°	9.9	17.7	21.7	27.6	43.4	45.4	47.4	47.4	47.4	49.3	49.3
90°	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5	23.6	23.6
92.5°	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3	118.0	113.3
95°	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3	400.8	386.5
97.5°	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7	925.3	898.2
100°	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6	1299.4	1267.1
102.5°	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7	1618.8	1591.2
105°	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0	1991.6	1976.8
107.5°	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4	2185.5	2189.1
110°	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8	2235.2	2250.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9	2203.6	2227.3
115°	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7	2096.1	2129.0
117.5°	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0	1947.5	1984.0
120°	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1	1847.5	1882.9
122.5°	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7	1747.4	1782.4
125°	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3	1615.1	1647.4
127.5°	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1	1508.8	1536.0
130°	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7	1441.7	1466.8
132.5°	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1	1384.5	1407.0
135°	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8	1303.8	1323.2
137.5°	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6	1244.1	1259.9
140°	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3	1196.2	1211.0
142.5°	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9	1162.6	1175.4
145°	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3	1112.3	1122.0
147.5°	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1	1070.1	1078.1
150°	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9	1045.8	1052.3
152.5°	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1	1026.6	1031.5
155°	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8	1003.6	1006.9
157.5°	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5	983.7	986.0
160°	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9	973.8	975.1
162.5°	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7	964.4	965.6
165°	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1	950.2	951.5
167.5°	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0	943.9	944.5
170°	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0	943.9	943.9
172.5°	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8	938.9	938.4
175°	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2	932.2	932.2
177.5°	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8	930.9	930.3
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2139.5	2133.6	2139.5	2135.6	2137.6	2131.6	2113.9	2107.9	2113.9	2119.8	2119.8
5°	2165.2	2161.2	2165.2	2165.2	2163.2	2159.2	2139.5	2135.6	2139.5	2141.5	2137.6
7.5°	2173.1	2167.2	2173.1	2169.2	2169.2	2165.2	2145.5	2141.5	2143.5	2149.4	2143.5
10°	2173.1	2167.2	2173.1	2171.1	2169.2	2165.2	2145.5	2137.6	2137.6	2143.5	2137.6
12.5°	2163.2	2159.2	2163.2	2159.2	2159.2	2155.3	2135.6	2127.7	2129.6	2131.6	2123.8
15°	2147.5	2141.5	2147.5	2143.5	2145.5	2139.5	2117.8	2109.9	2109.9	2113.9	2100.1
17.5°	2123.8	2115.9	2123.8	2121.8	2119.8	2115.9	2096.1	2088.2	2086.2	2088.2	2078.4
20°	2096.1	2090.2	2096.1	2094.2	2094.2	2086.2	2066.5	2056.6	2056.6	2056.6	2046.8
22.5°	2052.7	2046.8	2052.7	2056.6	2056.6	2054.6	2036.9	2023.1	2019.2	2019.2	2007.3
25°	2003.4	1997.5	2003.4	2003.4	2001.4	2003.4	1997.5	1989.5	1983.6	1977.7	1965.8
27.5°	1955.9	1952.1	1955.9	1952.1	1955.9	1950.1	1948.1	1946.1	1938.2	1932.3	1916.5
30°	1908.6	1904.7	1908.6	1904.7	1900.8	1896.8	1886.9	1882.9	1890.8	1886.9	1861.2
32.5°	1849.4	1845.5	1849.4	1849.4	1845.5	1845.5	1829.7	1823.8	1825.7	1837.5	1813.9
35°	1788.2	1782.2	1788.2	1786.2	1788.2	1782.2	1772.4	1770.5	1762.5	1776.4	1758.6
37.5°	1717.2	1711.2	1717.2	1717.2	1717.2	1721.1	1713.2	1707.2	1695.5	1713.2	1699.4
40°	1644.1	1636.2	1644.1	1642.2	1644.1	1648.1	1644.1	1640.2	1628.4	1642.2	1630.4
42.5°	1561.2	1559.2	1561.2	1563.2	1563.2	1571.1	1577.1	1569.1	1565.2	1555.4	1563.2
45°	1472.4	1468.5	1472.4	1476.4	1478.4	1482.2	1500.1	1500.1	1494.1	1478.4	1490.2
47.5°	1377.7	1367.8	1377.7	1389.5	1389.5	1395.4	1413.2	1427.0	1417.1	1397.4	1403.4
50°	1277.0	1279.0	1277.0	1284.9	1284.9	1306.7	1320.4	1334.2	1344.1	1320.4	1292.8
52.5°	1178.4	1176.4	1178.4	1184.2	1192.1	1202.0	1225.7	1239.5	1255.3	1241.5	1198.1
55°	1079.7	1083.5	1079.7	1081.7	1085.5	1091.5	1127.0	1140.8	1170.4	1152.7	1107.3
57.5°	981.0	975.0	981.0	984.9	986.8	992.8	1022.4	1048.1	1065.8	1067.8	1012.5
60°	866.5	858.6	866.5	884.2	888.2	892.1	919.8	943.4	959.2	965.1	908.0
62.5°	765.8	752.0	765.8	777.7	785.5	795.4	815.1	850.7	864.5	866.5	785.5
65°	659.3	653.3	659.3	683.0	684.8	696.7	718.4	744.1	773.7	769.8	653.3
67.5°	562.5	562.5	562.5	578.3	590.1	596.1	623.7	635.5	673.1	677.0	544.7
70°	473.7	471.7	473.7	485.6	493.4	507.3	533.0	546.7	576.3	586.2	442.1
72.5°	388.8	386.8	388.8	398.7	406.6	418.4	440.1	456.0	481.6	493.4	343.4
75°	313.8	309.9	313.8	321.7	319.7	335.6	353.3	369.1	392.8	400.7	254.6
77.5°	240.8	240.8	240.8	248.7	248.7	264.4	272.4	292.1	306.0	317.7	187.5
80°	179.6	177.7	179.6	181.6	181.6	189.4	203.3	217.1	229.0	229.0	128.3
82.5°	126.3	122.4	126.3	126.3	126.3	130.3	138.1	142.1	150.0	156.0	80.9
85°	79.0	79.0	79.0	80.9	79.0	82.9	84.9	88.8	88.8	84.9	49.3
87.5°	51.3	49.3	51.3	49.3	49.3	47.4	47.4	47.4	45.4	43.4	27.6
90°	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6	27.4	17.4
92.5°	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5	168.6	119.9
95°	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6	414.9	233.7
97.5°	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8	558.9	256.7
100°	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3	611.2	275.9
102.5°	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8	635.3	295.2
105°	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3	653.2	323.8
107.5°	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6	656.5	366.0
110°	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6	651.5	389.6



TEST NUMBER: P935287

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9	651.7	418.2
115°	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7	657.7	461.0
117.5°	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7	669.8	502.7
120°	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7	679.9	527.0
122.5°	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9	694.1	555.6
125°	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0	713.4	592.2
127.5°	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7	732.7	627.7
130°	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1	746.8	651.3
132.5°	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0	758.2	670.5
135°	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1	770.6	692.9
137.5°	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6	789.2	721.5
140°	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4	800.6	740.7
142.5°	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6	810.1	755.1
145°	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7	822.6	776.8
147.5°	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6	840.7	804.1
150°	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8	850.3	818.4
152.5°	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9	856.6	827.8
155°	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5	870.2	848.2
157.5°	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1	883.9	868.7
160°	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2	890.1	878.1
162.5°	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4	896.7	888.0
165°	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5	906.3	902.3
167.5°	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1	913.6	910.3
170°	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2	919.9	919.7
172.5°	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5	924.0	925.9
177.5°	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6	924.5	925.9
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935287

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2115.9	2104.0	2104.0	2084.2	2076.4	2070.5	2060.6	2030.9	2023.1	2015.2	2027.1
5°	2133.6	2111.9	2096.1	2060.6	2030.9	2019.2	1981.6	1910.6	1863.2	1827.7	1807.9
7.5°	2137.6	2109.9	2080.3	2025.1	1954.1	1922.4	1807.9	1677.7	1642.2	1610.5	1590.8
10°	2133.6	2102.1	2060.6	1977.7	1809.9	1754.7	1640.2	1555.4	1533.6	1527.7	1533.6
12.5°	2119.8	2090.2	2032.9	1894.8	1659.9	1622.4	1555.4	1506.0	1502.1	1511.9	1565.2
15°	2096.1	2068.5	2001.4	1784.2	1577.1	1549.4	1502.1	1484.2	1506.0	1575.1	1734.9
17.5°	2072.5	2040.8	1957.9	1675.7	1513.8	1494.1	1460.5	1496.1	1618.5	1711.2	1764.5
20°	2040.8	2003.4	1908.6	1596.8	1468.5	1450.7	1434.9	1594.8	1687.5	1721.1	1750.7
22.5°	2003.4	1963.9	1841.5	1541.5	1421.1	1407.2	1417.1	1650.1	1687.5	1711.2	1736.9
25°	1954.1	1920.5	1762.5	1498.1	1383.6	1367.8	1405.4	1644.1	1665.8	1671.8	1723.1
27.5°	1908.6	1865.2	1679.7	1458.6	1338.2	1332.2	1415.2	1618.5	1634.2	1640.2	1695.5
30°	1853.4	1788.2	1586.9	1417.1	1290.8	1288.8	1417.1	1586.9	1582.9	1598.8	1654.0
32.5°	1796.1	1673.8	1482.2	1365.8	1245.4	1243.5	1403.4	1539.5	1535.5	1557.2	1598.8
35°	1742.8	1584.9	1340.2	1306.7	1188.2	1190.1	1369.8	1484.2	1486.2	1506.0	1531.6
37.5°	1687.5	1507.9	1184.2	1241.5	1133.0	1133.0	1324.4	1432.9	1429.0	1434.9	1470.4
40°	1622.4	1387.5	1046.1	1156.7	1081.7	1075.7	1269.1	1377.7	1363.8	1361.9	1411.2
42.5°	1553.4	1255.3	943.4	1044.1	1022.4	1014.5	1202.0	1310.5	1284.9	1290.8	1354.0
45°	1478.4	1219.8	864.5	882.3	961.2	955.3	1129.0	1233.5	1215.8	1231.7	1296.8
47.5°	1403.4	1148.7	838.8	732.3	896.1	894.1	1048.1	1158.5	1148.7	1164.5	1233.5
50°	1300.7	1069.8	836.8	627.7	823.1	831.0	951.4	1085.5	1085.5	1099.4	1172.4
52.5°	1168.4	973.1	759.8	568.4	738.1	761.8	866.5	1022.4	1026.4	1040.1	1105.3
55°	1048.1	872.4	704.7	523.0	637.5	688.8	783.6	957.3	965.1	979.0	1038.2
57.5°	937.5	726.4	692.8	469.7	544.7	594.1	710.5	894.1	898.1	909.9	967.1
60°	819.1	525.0	635.5	412.5	463.8	501.3	643.4	819.1	833.0	840.8	890.1
62.5°	684.8	381.0	576.3	373.0	424.4	432.3	588.1	748.1	765.8	771.7	801.4
65°	487.5	319.7	489.5	339.4	382.9	384.9	529.0	675.0	690.8	700.7	722.4
67.5°	329.6	260.6	373.0	307.9	351.3	353.3	471.7	590.1	611.8	619.7	633.6
70°	229.0	173.7	276.3	274.4	315.8	319.7	410.6	513.1	533.0	538.8	546.7
72.5°	167.7	140.1	229.0	246.7	278.3	282.3	347.4	426.3	446.1	452.0	456.0
75°	128.3	148.0	185.6	215.1	236.8	238.8	284.3	347.4	361.1	365.1	367.1
77.5°	102.6	138.1	136.2	173.7	193.4	189.4	223.0	268.4	280.3	280.3	280.3
80°	77.0	108.6	102.6	124.3	142.1	138.1	159.9	191.4	195.4	199.3	197.4
82.5°	57.3	69.1	69.1	79.0	94.7	90.8	106.6	124.3	124.3	124.3	128.3
85°	35.6	39.4	31.6	41.4	53.3	51.3	59.3	67.1	69.1	69.1	65.1
87.5°	21.7	17.7	9.9	15.8	23.7	23.7	27.6	29.6	27.6	27.6	27.6
90°	16.1	11.2	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5
92.5°	109.4	67.1	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3
95°	214.3	137.0	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3
97.5°	239.6	171.4	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7
100°	260.5	198.6	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6
102.5°	280.8	223.1	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7
105°	311.5	262.6	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0
107.5°	354.7	309.1	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4
110°	379.4	338.1	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8



TEST NUMBER: P935287

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	408.5	369.2	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9
115°	452.0	415.8	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7
117.5°	494.5	461.6	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0
120°	519.2	488.3	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1
122.5°	547.8	516.5	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7
125°	585.2	556.7	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3
127.5°	620.5	591.7	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1
130°	643.5	612.6	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7
132.5°	662.7	631.9	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1
135°	685.8	657.7	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8
137.5°	714.5	686.5	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6
140°	734.4	708.7	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3
142.5°	749.1	725.4	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9
145°	771.6	750.9	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3
147.5°	799.0	778.9	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1
150°	813.8	795.6	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9
152.5°	824.3	810.5	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1
155°	845.6	835.4	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8
157.5°	866.2	856.4	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5
160°	876.2	868.4	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9
162.5°	886.5	880.8	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7
165°	901.0	895.7	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1
167.5°	909.7	907.3	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0
170°	919.1	916.6	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0
172.5°	920.2	919.6	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8
175°	925.9	925.9	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2
177.5°	925.9	925.9	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935287

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2013.2	2007.3	2015.2	1993.5	2015.2	2007.3	2013.2	2027.1	2015.2	2023.1	2030.9
5°	1766.5	1756.6	1725.1	1699.4	1725.1	1756.6	1766.5	1807.9	1827.7	1863.2	1910.6
7.5°	1579.0	1571.1	1563.2	1547.4	1563.2	1571.1	1579.0	1590.8	1610.5	1642.2	1677.7
10°	1537.5	1539.5	1551.4	1549.4	1551.4	1539.5	1537.5	1533.6	1527.7	1533.6	1555.4
12.5°	1644.1	1661.9	1727.1	1723.1	1727.1	1661.9	1644.1	1565.2	1511.9	1502.1	1506.0
15°	1766.5	1772.4	1786.2	1788.2	1786.2	1772.4	1766.5	1734.9	1575.1	1506.0	1484.2
17.5°	1778.4	1780.4	1790.2	1790.2	1790.2	1780.4	1778.4	1764.5	1711.2	1618.5	1496.1
20°	1768.5	1772.4	1792.2	1796.1	1792.2	1772.4	1768.5	1750.7	1721.1	1687.5	1594.8
22.5°	1764.5	1772.4	1788.2	1786.2	1788.2	1772.4	1764.5	1736.9	1711.2	1687.5	1650.1
25°	1744.8	1744.8	1746.8	1748.8	1746.8	1744.8	1744.8	1723.1	1671.8	1665.8	1644.1
27.5°	1703.4	1707.2	1719.1	1717.2	1719.1	1707.2	1703.4	1695.5	1640.2	1634.2	1618.5
30°	1665.8	1661.9	1652.1	1644.1	1652.1	1661.9	1665.8	1654.0	1598.8	1582.9	1586.9
32.5°	1602.7	1592.8	1582.9	1577.1	1582.9	1592.8	1602.7	1598.8	1557.2	1535.5	1539.5
35°	1527.7	1529.7	1527.7	1521.8	1527.7	1529.7	1527.7	1531.6	1506.0	1486.2	1484.2
37.5°	1474.4	1478.4	1476.4	1468.5	1476.4	1478.4	1474.4	1470.4	1434.9	1429.0	1432.9
40°	1419.1	1421.1	1419.1	1413.2	1419.1	1421.1	1419.1	1411.2	1361.9	1363.8	1377.7
42.5°	1365.8	1363.8	1357.9	1354.0	1357.9	1363.8	1365.8	1354.0	1290.8	1284.9	1310.5
45°	1304.7	1306.7	1294.8	1288.8	1294.8	1306.7	1304.7	1296.8	1231.7	1215.8	1233.5
47.5°	1243.5	1243.5	1233.5	1227.7	1233.5	1243.5	1243.5	1233.5	1164.5	1148.7	1158.5
50°	1178.4	1176.4	1162.5	1160.5	1162.5	1176.4	1178.4	1172.4	1099.4	1085.5	1085.5
52.5°	1103.4	1103.4	1105.3	1109.2	1105.3	1103.4	1103.4	1105.3	1040.1	1026.4	1022.4
55°	1038.2	1040.1	1054.0	1058.0	1054.0	1040.1	1038.2	1038.2	979.0	965.1	957.3
57.5°	971.1	971.1	981.0	981.0	981.0	971.1	971.1	967.1	909.9	898.1	894.1
60°	894.1	898.1	906.0	904.0	906.0	898.1	894.1	890.1	840.8	833.0	819.1
62.5°	813.1	817.1	819.1	815.1	819.1	817.1	813.1	801.4	771.7	765.8	748.1
65°	728.3	732.3	734.3	730.3	734.3	732.3	728.3	722.4	700.7	690.8	675.0
67.5°	641.4	639.5	637.5	645.4	637.5	639.5	641.4	633.6	619.7	611.8	590.1
70°	552.7	552.7	550.7	554.6	550.7	552.7	552.7	546.7	538.8	533.0	513.1
72.5°	457.9	456.0	463.8	457.9	463.8	456.0	457.9	456.0	452.0	446.1	426.3
75°	365.1	369.1	365.1	371.1	365.1	369.1	365.1	367.1	365.1	361.1	347.4
77.5°	278.3	282.3	278.3	278.3	278.3	282.3	278.3	280.3	280.3	280.3	268.4
80°	197.4	195.4	195.4	193.4	195.4	195.4	197.4	197.4	199.3	195.4	191.4
82.5°	126.3	124.3	124.3	128.3	124.3	124.3	126.3	128.3	124.3	124.3	124.3
85°	69.1	71.0	67.1	67.1	67.1	71.0	69.1	65.1	69.1	69.1	67.1
87.5°	25.7	23.7	23.7	23.7	23.7	23.7	25.7	27.6	27.6	27.6	29.6
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6
92.5°	118.0	113.3	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5
95°	400.8	386.5	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6
97.5°	925.3	898.2	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8
100°	1299.4	1267.1	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3
102.5°	1618.8	1591.2	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8
105°	1991.6	1976.8	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3
107.5°	2185.5	2189.1	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6
110°	2235.2	2250.7	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2203.6	2227.3	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9
115°	2096.1	2129.0	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7
117.5°	1947.5	1984.0	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7
120°	1847.5	1882.9	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7
122.5°	1747.4	1782.4	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9
125°	1615.1	1647.4	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0
127.5°	1508.8	1536.0	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7
130°	1441.7	1466.8	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1
132.5°	1384.5	1407.0	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0
135°	1303.8	1323.2	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1
137.5°	1244.1	1259.9	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6
140°	1196.2	1211.0	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4
142.5°	1162.6	1175.4	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6
145°	1112.3	1122.0	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7
147.5°	1070.1	1078.1	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6
150°	1045.8	1052.3	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8
152.5°	1026.6	1031.5	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9
155°	1003.6	1006.9	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5
157.5°	983.7	986.0	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1
160°	973.8	975.1	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2
162.5°	964.4	965.6	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4
165°	950.2	951.5	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5
167.5°	943.9	944.5	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1
170°	943.9	943.9	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2
172.5°	938.9	938.4	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5
177.5°	930.9	930.3	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2086.2	2086.2	2086.2	2086.2	2086.2
2.5°	2060.6	2070.5	2076.4	2084.2	2104.0
5°	1981.6	2019.2	2030.9	2060.6	2096.1
7.5°	1807.9	1922.4	1954.1	2025.1	2080.3
10°	1640.2	1754.7	1809.9	1977.7	2060.6
12.5°	1555.4	1622.4	1659.9	1894.8	2032.9
15°	1502.1	1549.4	1577.1	1784.2	2001.4
17.5°	1460.5	1494.1	1513.8	1675.7	1957.9
20°	1434.9	1450.7	1468.5	1596.8	1908.6
22.5°	1417.1	1407.2	1421.1	1541.5	1841.5
25°	1405.4	1367.8	1383.6	1498.1	1762.5
27.5°	1415.2	1332.2	1338.2	1458.6	1679.7
30°	1417.1	1288.8	1290.8	1417.1	1586.9
32.5°	1403.4	1243.5	1245.4	1365.8	1482.2
35°	1369.8	1190.1	1188.2	1306.7	1340.2
37.5°	1324.4	1133.0	1133.0	1241.5	1184.2
40°	1269.1	1075.7	1081.7	1156.7	1046.1
42.5°	1202.0	1014.5	1022.4	1044.1	943.4
45°	1129.0	955.3	961.2	882.3	864.5
47.5°	1048.1	894.1	896.1	732.3	838.8
50°	951.4	831.0	823.1	627.7	836.8
52.5°	866.5	761.8	738.1	568.4	759.8
55°	783.6	688.8	637.5	523.0	704.7
57.5°	710.5	594.1	544.7	469.7	692.8
60°	643.4	501.3	463.8	412.5	635.5
62.5°	588.1	432.3	424.4	373.0	576.3
65°	529.0	384.9	382.9	339.4	489.5
67.5°	471.7	353.3	351.3	307.9	373.0
70°	410.6	319.7	315.8	274.4	276.3
72.5°	347.4	282.3	278.3	246.7	229.0
75°	284.3	238.8	236.8	215.1	185.6
77.5°	223.0	189.4	193.4	173.7	136.2
80°	159.9	138.1	142.1	124.3	102.6
82.5°	106.6	90.8	94.7	79.0	69.1
85°	59.3	51.3	53.3	41.4	31.6
87.5°	27.6	23.7	23.7	15.8	9.9
90°	27.4	17.4	16.1	11.2	6.2
92.5°	168.6	119.9	109.4	67.1	24.9
95°	414.9	233.7	214.3	137.0	59.7
97.5°	558.9	256.7	239.6	171.4	103.2
100°	611.2	275.9	260.5	198.6	136.8
102.5°	635.3	295.2	280.8	223.1	165.3
105°	653.2	323.8	311.5	262.6	213.7
107.5°	656.5	366.0	354.7	309.1	263.4
110°	651.5	389.6	379.4	338.1	297.0



TEST NUMBER: P935287

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	651.7	418.2	408.5	369.2	330.0
115°	657.7	461.0	452.0	415.8	379.7
117.5°	669.8	502.7	494.5	461.6	428.8
120°	679.9	527.0	519.2	488.3	457.4
122.5°	694.1	555.6	547.8	516.5	485.4
125°	713.4	592.2	585.2	556.7	528.2
127.5°	732.7	627.7	620.5	591.7	563.0
130°	746.8	651.3	643.5	612.6	581.7
132.5°	758.2	670.5	662.7	631.9	600.9
135°	770.6	692.9	685.8	657.7	629.5
137.5°	789.2	721.5	714.5	686.5	658.7
140°	800.6	740.7	734.4	708.7	683.0
142.5°	810.1	755.1	749.1	725.4	701.6
145°	822.6	776.8	771.6	750.9	730.2
147.5°	840.7	804.1	799.0	778.9	758.8
150°	850.3	818.4	813.8	795.6	777.4
152.5°	856.6	827.8	824.3	810.5	796.7
155°	870.2	848.2	845.6	835.4	825.3
157.5°	883.9	868.7	866.2	856.4	846.4
160°	890.1	878.1	876.2	868.4	860.6
162.5°	896.7	888.0	886.5	880.8	875.0
165°	906.3	902.3	901.0	895.7	890.5
167.5°	913.6	910.3	909.7	907.3	904.8
170°	919.9	919.7	919.1	916.6	914.1
172.5°	920.3	920.3	920.2	919.6	919.1
175°	924.0	925.9	925.9	925.9	925.9
177.5°	924.5	925.9	925.9	925.9	925.9
180°	925.9	925.9	925.9	925.9	925.9



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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	13.44	14.28	14.42	15.28	16.58	16.27	17.11	17.25	18.10	19.41
	3H	13.92	14.67	14.91	15.67	17.00	17.61	18.36	18.60	19.36	20.69
	4H	14.11	14.82	15.11	15.83	17.16	18.05	18.76	19.06	19.77	21.11
	6H	14.23	14.88	15.24	15.89	17.24	18.34	18.99	19.35	20.00	21.35
	8H	14.23	14.85	15.25	15.88	17.22	18.41	19.03	19.43	20.06	21.40
	12H	14.20	14.79	15.22	15.81	17.18	18.45	19.04	19.47	20.06	21.43
4H	2H	14.47	15.18	15.48	16.19	17.53	16.68	17.39	17.69	18.39	19.73
	3H	15.50	16.09	16.52	17.12	18.48	18.18	18.77	19.20	19.80	21.16
	4H	15.77	16.32	16.80	17.34	18.72	18.70	19.25	19.73	20.27	21.65
	6H	15.90	16.36	16.93	17.41	18.78	19.07	19.53	20.10	20.58	21.95
	8H	15.90	16.34	16.94	17.38	18.77	19.17	19.61	20.21	20.65	22.03
	12H	15.87	16.26	16.92	17.32	18.71	19.23	19.62	20.28	20.68	22.07
8H	4H	16.22	16.66	17.26	17.70	19.09	18.83	19.26	19.86	20.30	21.69
	6H	16.49	16.84	17.55	17.93	19.31	19.26	19.62	20.32	20.70	22.09
	8H	16.53	16.84	17.60	17.91	19.31	19.41	19.73	20.48	20.80	22.20
	12H	16.51	16.79	17.58	17.85	19.30	19.51	19.79	20.58	20.85	22.29
12H	4H	16.23	16.62	17.29	17.68	19.07	18.79	19.18	19.85	20.24	21.63
	6H	16.55	16.86	17.61	17.93	19.33	19.26	19.57	20.33	20.64	22.04
	8H	16.61	16.89	17.68	17.95	19.40	19.42	19.70	20.49	20.76	22.20