

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: P935477

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935477
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

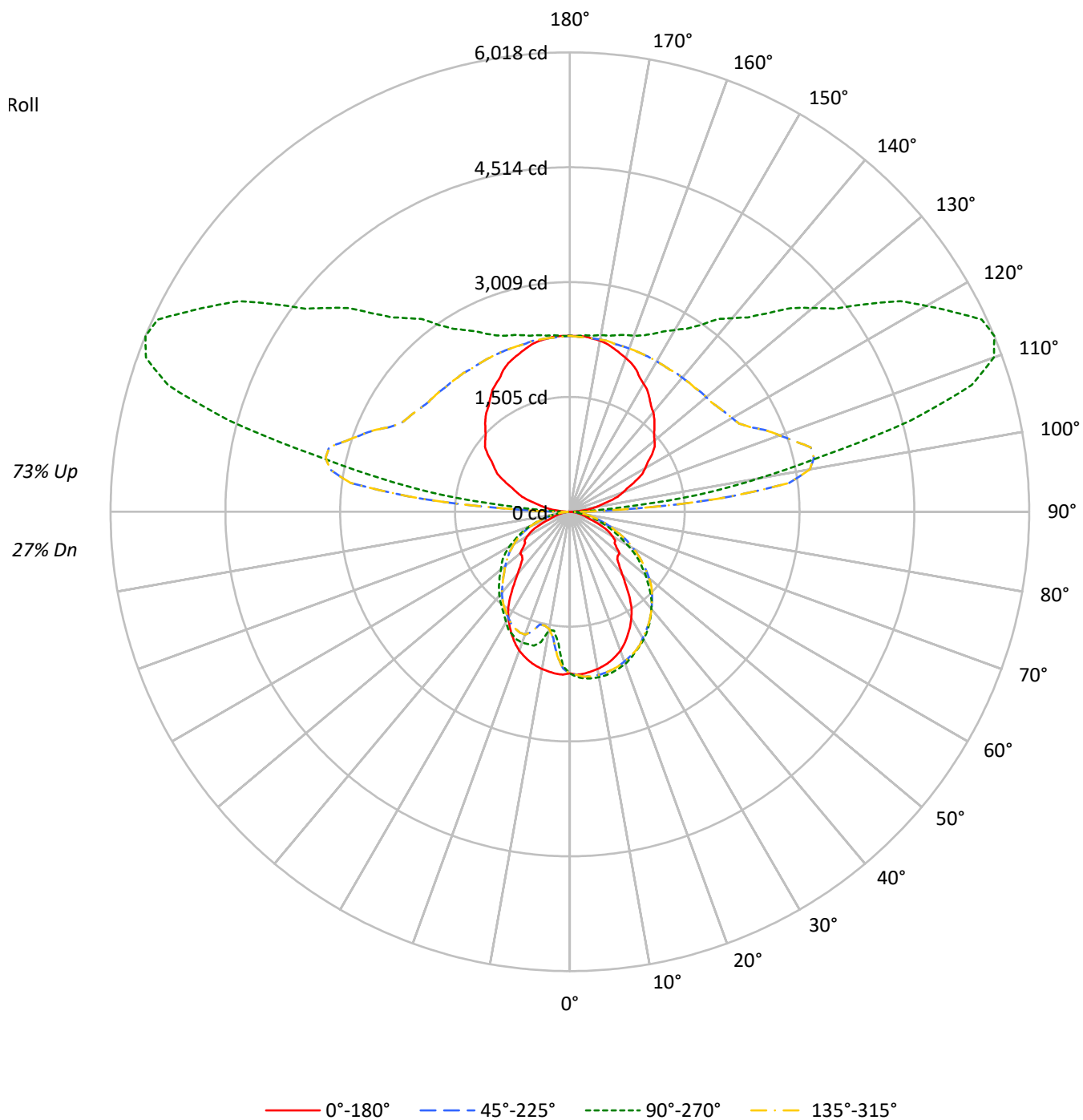
Lumens per Lamp: N/A
Luminaire Lumens: 20443.9 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
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: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6551	6551	6551	6551
5°	6603	6614	6603	5200
10°	6561	6515	6561	4658
15°	6492	6374	6492	5322
20°	6359	6206	6359	5333
25°	6084	5962	6084	5220
30°	5727	5760	5727	4972
35°	5108	5504	5108	4699
40°	4258	5202	4258	4493
45°	3808	4849	3808	4256
50°	4049	4428	4049	4019
55°	3813	3975	3813	3881
60°	3935	3376	3935	3555
65°	3574	2791	3574	3119
70°	2481	2224	2481	2615
75°	2182	1644	2182	1969
80°	1772	1087	1772	1184
85°	1040	576	1040	489

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5832 cd/sqm

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	0.9
10°-20°	542.9	2.7
20°-30°	839.2	4.1
30°-40°	1001.8	4.9
40°-50°	1007.7	4.9
50°-60°	876.8	4.3
60°-70°	621.7	3.0
70°-80°	328.9	1.6
80°-90°	90.7	0.4
90°-100°	1123.6	5.5
100°-110°	2954.1	14.4
110°-120°	3063.1	15.0
120°-130°	2457.0	12.0
130°-140°	1927.8	9.4
140°-150°	1479.7	7.2
150°-160°	1065.6	5.2
160°-170°	652.0	3.2
170°-180°	220.3	1.1
0°-30°	1573.2	7.7
0°-40°	2575.0	12.6
0°-60°	4459.5	21.8
0°-90°	5500.8	26.9
90°-120°	7140.8	34.9
90°-150°	13005.2	63.6
90°-180°	14943.0	73.1
0°-180°	20443.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2118	2118	2118	2118	2118	
5°	2128	2194	2128	1725	2128	202
15°	2032	2174	2032	1816	2032	572
25°	1790	2028	1790	1776	1790	822
35°	1361	1810	1361	1545	1361	842
45°	878	1491	878	1308	878	703
55°	715	1100	715	1074	715	657
65°	497	663	497	741	497	475
75°	188	315	188	377	188	198
85°	32	80	32	68	32	43
90°	15	59	15	59	15	14
95°	148	679	148	679	148	165
105°	532	4626	532	4626	532	564
115°	945	5956	945	5956	945	934
125°	1315	4743	1315	4743	1315	1167
135°	1567	3680	1567	3680	1567	1213
145°	1818	2986	1818	2986	1818	1139
155°	2054	2571	2054	2571	2054	944
165°	2217	2395	2217	2395	2217	626
175°	2305	2321	2305	2321	2305	219
180°	2305	2305	2305	2305	2305	

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1
2.5°	2136.1	2136.1	2148.2	2152.2	2152.2	2146.2	2140.2	2146.2	2164.2	2170.2	2168.2
5°	2128.2	2144.2	2166.2	2170.2	2174.3	2172.3	2168.2	2172.3	2192.3	2196.3	2198.3
7.5°	2112.1	2142.2	2170.2	2176.3	2182.2	2176.3	2174.3	2178.3	2198.3	2202.3	2202.3
10°	2092.1	2134.1	2166.2	2170.2	2176.3	2170.2	2170.2	2178.3	2198.3	2202.3	2204.3
12.5°	2064.0	2122.2	2152.2	2156.2	2164.2	2162.2	2160.2	2168.2	2188.3	2192.3	2192.3
15°	2031.9	2100.1	2128.2	2132.1	2146.2	2142.2	2142.2	2150.2	2172.3	2178.3	2176.3
17.5°	1987.9	2072.1	2104.1	2110.1	2120.2	2118.1	2120.2	2128.2	2148.2	2152.2	2154.2
20°	1937.8	2033.9	2072.1	2078.1	2088.1	2088.1	2088.1	2098.1	2118.1	2126.2	2126.2
22.5°	1869.7	1993.9	2033.9	2038.0	2050.0	2050.0	2054.1	2068.0	2086.0	2088.1	2088.1
25°	1789.5	1949.8	1983.8	1995.9	2007.9	2013.9	2020.0	2028.0	2033.9	2031.9	2033.9
27.5°	1705.4	1893.7	1937.8	1945.8	1961.8	1967.8	1975.9	1977.9	1979.8	1985.8	1981.8
30°	1611.1	1815.5	1881.6	1889.7	1915.7	1919.8	1911.7	1915.7	1925.8	1929.8	1933.7
32.5°	1505.0	1699.3	1823.6	1841.6	1865.6	1853.7	1851.6	1857.6	1873.7	1873.7	1877.7
35°	1360.6	1609.1	1769.5	1785.5	1803.6	1789.5	1797.5	1799.5	1809.5	1815.5	1813.5
37.5°	1202.4	1531.0	1713.3	1725.4	1739.4	1721.4	1733.3	1739.4	1747.4	1743.4	1743.4
40°	1062.0	1408.7	1647.2	1655.3	1667.2	1653.3	1665.2	1669.3	1673.3	1669.3	1667.2
42.5°	957.9	1274.5	1577.1	1587.1	1579.1	1589.1	1593.1	1601.2	1595.1	1587.1	1587.1
45°	877.7	1238.4	1501.0	1512.9	1501.0	1517.0	1523.0	1523.0	1505.0	1501.0	1498.9
47.5°	851.7	1166.3	1424.8	1424.8	1418.8	1438.8	1448.8	1434.8	1416.8	1410.7	1410.7
50°	849.7	1086.1	1320.6	1312.5	1340.6	1364.6	1354.7	1340.6	1326.6	1304.6	1304.6
52.5°	771.5	987.9	1186.3	1216.4	1260.4	1274.5	1258.4	1244.4	1220.4	1210.3	1202.4
55°	715.4	885.7	1064.0	1124.2	1170.3	1188.3	1158.2	1144.2	1108.1	1102.2	1098.2
57.5°	703.4	737.4	951.9	1028.0	1084.1	1082.2	1064.0	1038.0	1008.0	1002.0	1000.0
60°	645.3	533.1	831.7	921.8	979.9	973.9	957.9	933.8	905.8	901.8	897.8
62.5°	585.2	386.7	695.3	797.6	879.7	877.7	863.7	827.6	807.6	797.6	789.5
65°	497.0	324.6	495.0	663.3	781.6	785.5	755.5	729.5	707.4	695.3	693.3
67.5°	378.8	264.5	334.7	553.1	687.3	683.4	645.3	633.3	605.2	599.2	587.1
70°	280.6	176.4	232.5	448.9	595.2	585.2	555.1	541.0	515.0	501.0	492.9
72.5°	232.5	142.2	170.3	348.7	501.0	488.9	462.9	446.9	424.8	412.8	404.8
75°	188.3	150.3	130.3	258.5	406.8	398.8	374.7	358.7	340.6	324.6	326.6
77.5°	138.2	140.2	104.2	190.3	322.6	310.7	296.6	276.6	268.5	252.5	252.5
80°	104.2	110.3	78.2	130.3	232.5	232.5	220.4	206.4	192.3	184.4	184.4
82.5°	70.1	70.1	58.1	82.2	158.3	152.3	144.3	140.2	132.3	128.3	128.3
85°	32.1	40.0	36.1	50.1	86.2	90.1	90.1	86.2	84.2	80.2	82.2
87.5°	10.1	18.0	22.0	28.1	44.1	46.1	48.1	48.1	48.1	50.1	50.1
90°	15.4	27.8	40.2	43.3	68.0	101.0	117.5	104.5	78.4	58.8	58.8
92.5°	61.9	167.0	272.3	298.6	419.8	581.4	662.1	580.3	416.6	293.9	282.3
95°	148.5	341.0	533.6	581.7	1032.9	1634.5	1935.3	1727.0	1310.3	997.9	962.4
97.5°	256.8	426.6	596.5	638.9	1391.3	2394.5	2896.1	2764.4	2501.1	2303.5	2236.1
100°	340.3	494.4	648.4	686.9	1521.8	2635.0	3191.6	3201.2	3220.5	3234.9	3154.6
102.5°	411.5	555.3	698.9	734.8	1581.6	2710.6	3275.1	3442.9	3778.4	4030.1	3961.4
105°	532.2	653.9	775.6	806.1	1626.0	2719.2	3265.8	3641.9	4394.2	4958.3	4921.3
107.5°	656.0	769.4	882.9	911.2	1634.2	2598.3	3080.2	3604.8	4654.0	5440.9	5449.9
110°	739.5	841.9	944.4	970.0	1621.8	2490.9	2925.5	3512.0	4685.0	5564.8	5603.3

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	821.5	919.1	1016.7	1041.1	1622.3	2397.3	2784.7	3385.0	4585.5	5485.9	5545.0
115°	945.2	1035.2	1125.4	1147.9	1637.3	2289.8	2616.1	3194.4	4350.8	5218.2	5300.2
117.5°	1067.5	1149.3	1231.2	1251.6	1667.7	2222.6	2500.1	3022.0	4065.7	4848.4	4939.4
120°	1138.6	1215.6	1292.7	1311.9	1692.5	2200.0	2453.6	2930.5	3884.2	4599.4	4687.8
122.5°	1208.2	1285.9	1363.6	1383.0	1728.1	2188.1	2418.1	2847.5	3706.2	4350.3	4437.5
125°	1315.0	1385.8	1456.6	1474.4	1776.1	2178.3	2379.3	2744.1	3473.6	4020.8	4101.0
127.5°	1401.7	1473.2	1544.7	1562.5	1824.0	2172.6	2346.9	2660.0	3286.4	3756.2	3823.9
130°	1448.1	1525.1	1602.1	1621.3	1859.0	2176.1	2334.5	2613.3	3171.0	3589.2	3651.7
132.5°	1496.0	1573.0	1650.1	1669.3	1887.4	2178.3	2323.7	2573.3	3072.5	3446.9	3502.9
135°	1567.2	1637.3	1707.4	1725.0	1918.4	2176.3	2305.1	2514.2	2932.2	3245.8	3294.1
137.5°	1639.9	1709.3	1778.8	1796.1	1964.7	2189.6	2302.1	2478.7	2832.1	3097.2	3136.7
140°	1700.2	1764.1	1828.1	1844.1	1993.1	2191.8	2291.2	2443.8	2749.1	2978.0	3015.0
142.5°	1746.6	1805.7	1864.9	1879.7	2016.8	2199.8	2291.2	2425.3	2693.5	2894.6	2926.3
145°	1817.8	1869.4	1921.0	1933.8	2047.8	2199.8	2275.8	2385.4	2604.7	2769.2	2793.3
147.5°	1888.9	1939.1	1989.3	2001.9	2093.2	2214.9	2275.8	2362.0	2534.6	2664.0	2683.9
150°	1935.3	1980.7	2026.2	2037.5	2116.9	2222.8	2275.8	2348.7	2494.4	2603.6	2619.8
152.5°	1983.3	2017.7	2052.2	2060.7	2132.4	2228.0	2275.8	2338.0	2462.4	2555.7	2568.0
155°	2054.4	2079.9	2105.3	2111.7	2166.4	2239.3	2275.8	2325.3	2424.3	2498.5	2506.5
157.5°	2107.1	2131.8	2156.6	2162.8	2200.5	2250.7	2275.8	2314.2	2391.2	2449.0	2454.6
160°	2142.7	2161.9	2181.2	2186.0	2215.9	2255.8	2275.8	2308.7	2374.8	2424.3	2427.6
162.5°	2178.3	2192.7	2207.1	2210.7	2232.4	2261.3	2275.8	2303.6	2359.3	2401.1	2404.1
165°	2216.9	2229.9	2243.0	2246.3	2256.1	2269.2	2275.8	2295.7	2335.5	2365.4	2368.7
167.5°	2252.6	2258.7	2264.9	2266.4	2274.7	2285.7	2291.2	2304.2	2330.3	2350.0	2351.4
170°	2275.8	2281.9	2288.1	2289.6	2290.1	2290.8	2291.2	2304.2	2330.3	2350.0	2350.0
172.5°	2288.1	2289.5	2290.9	2291.2	2291.2	2291.2	2291.2	2301.6	2322.2	2337.6	2336.4
175°	2305.1	2305.1	2305.1	2305.1	2300.5	2294.3	2291.2	2297.8	2310.8	2320.6	2320.6
177.5°	2305.1	2305.1	2305.1	2305.1	2301.6	2296.7	2294.3	2299.5	2309.7	2317.5	2316.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1
2.5°	2172.3	2166.2	2172.3	2168.2	2170.2	2164.2	2146.2	2140.2	2146.2	2152.2	2152.2
5°	2198.3	2194.3	2198.3	2198.3	2196.3	2192.3	2172.3	2168.2	2172.3	2174.3	2170.2
7.5°	2206.3	2200.3	2206.3	2202.3	2202.3	2198.3	2178.3	2174.3	2176.3	2182.2	2176.3
10°	2206.3	2200.3	2206.3	2204.3	2202.3	2198.3	2178.3	2170.2	2170.2	2176.3	2170.2
12.5°	2196.3	2192.3	2196.3	2192.3	2192.3	2188.3	2168.2	2160.2	2162.2	2164.2	2156.2
15°	2180.2	2174.3	2180.2	2176.3	2178.3	2172.3	2150.2	2142.2	2142.2	2146.2	2132.1
17.5°	2156.2	2148.2	2156.2	2154.2	2152.2	2148.2	2128.2	2120.2	2118.1	2120.2	2110.1
20°	2128.2	2122.2	2128.2	2126.2	2126.2	2118.1	2098.1	2088.1	2088.1	2088.1	2078.1
22.5°	2084.0	2078.1	2084.0	2088.1	2088.1	2086.0	2068.0	2054.1	2050.0	2050.0	2038.0
25°	2033.9	2028.0	2033.9	2033.9	2031.9	2033.9	2028.0	2020.0	2013.9	2007.9	1995.9
27.5°	1985.8	1981.8	1985.8	1981.8	1985.8	1979.8	1977.9	1975.9	1967.8	1961.8	1945.8
30°	1937.8	1933.7	1937.8	1933.7	1929.8	1925.8	1915.7	1911.7	1919.8	1915.7	1889.7
32.5°	1877.7	1873.7	1877.7	1877.7	1873.7	1873.7	1857.6	1851.6	1853.7	1865.6	1841.6
35°	1815.5	1809.5	1815.5	1813.5	1815.5	1809.5	1799.5	1797.5	1789.5	1803.6	1785.5
37.5°	1743.4	1737.4	1743.4	1743.4	1743.4	1747.4	1739.4	1733.3	1721.4	1739.4	1725.4
40°	1669.3	1661.2	1669.3	1667.2	1669.3	1673.3	1669.3	1665.2	1653.3	1667.2	1655.3
42.5°	1585.1	1583.0	1585.1	1587.1	1587.1	1595.1	1601.2	1593.1	1589.1	1579.1	1587.1
45°	1494.9	1490.9	1494.9	1498.9	1501.0	1505.0	1523.0	1523.0	1517.0	1501.0	1512.9
47.5°	1398.7	1388.7	1398.7	1410.7	1410.7	1416.8	1434.8	1448.8	1438.8	1418.8	1424.8
50°	1296.5	1298.5	1296.5	1304.6	1304.6	1326.6	1340.6	1354.7	1364.6	1340.6	1312.5
52.5°	1196.3	1194.3	1196.3	1202.4	1210.3	1220.4	1244.4	1258.4	1274.5	1260.4	1216.4
55°	1096.1	1100.2	1096.1	1098.2	1102.2	1108.1	1144.2	1158.2	1188.3	1170.3	1124.2
57.5°	995.9	989.9	995.9	1000.0	1002.0	1008.0	1038.0	1064.0	1082.2	1084.1	1028.0
60°	879.7	871.7	879.7	897.8	901.8	905.8	933.8	957.9	973.9	979.9	921.8
62.5°	777.5	763.5	777.5	789.5	797.6	807.6	827.6	863.7	877.7	879.7	797.6
65°	669.3	663.3	669.3	693.3	695.3	707.4	729.5	755.5	785.5	781.6	663.3
67.5°	571.1	571.1	571.1	587.1	599.2	605.2	633.3	645.3	683.4	687.3	553.1
70°	481.0	479.0	481.0	492.9	501.0	515.0	541.0	555.1	585.2	595.2	448.9
72.5°	394.8	392.7	394.8	404.8	412.8	424.8	446.9	462.9	488.9	501.0	348.7
75°	318.6	314.6	318.6	326.6	324.6	340.6	358.7	374.7	398.8	406.8	258.5
77.5°	244.5	244.5	244.5	252.5	252.5	268.5	276.6	296.6	310.7	322.6	190.3
80°	182.4	180.4	182.4	184.4	184.4	192.3	206.4	220.4	232.5	232.5	130.3
82.5°	128.3	124.2	128.3	128.3	128.3	132.3	140.2	144.3	152.3	158.3	82.2
85°	80.2	80.2	80.2	82.2	80.2	84.2	86.2	90.1	90.1	86.2	50.1
87.5°	52.1	50.1	52.1	50.1	50.1	48.1	48.1	48.1	46.1	44.1	28.1
90°	58.8	58.8	58.8	58.8	58.8	78.4	104.5	117.5	101.0	68.0	43.3
92.5°	235.5	188.7	235.5	282.3	293.9	416.6	580.3	662.1	581.4	419.8	298.6
95°	820.8	679.2	820.8	962.4	997.9	1310.3	1727.0	1935.3	1634.5	1032.9	581.7
97.5°	1966.6	1697.1	1966.6	2236.1	2303.5	2501.1	2764.4	2896.1	2394.5	1391.3	638.9
100°	2833.5	2512.4	2833.5	3154.6	3234.9	3220.5	3201.2	3191.6	2635.0	1521.8	686.9
102.5°	3686.3	3411.3	3686.3	3961.4	4030.1	3778.4	3442.9	3275.1	2710.6	1581.6	734.8
105°	4773.5	4625.7	4773.5	4921.3	4958.3	4394.2	3641.9	3265.8	2719.2	1626.0	806.1
107.5°	5485.7	5521.4	5485.7	5449.9	5440.9	4654.0	3604.8	3080.2	2598.3	1634.2	911.2
110°	5757.3	5911.3	5757.3	5603.3	5564.8	4685.0	3512.0	2925.5	2490.9	1621.8	970.0

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5781.5	6018.0	5781.5	5545.0	5485.9	4585.5	3385.0	2784.7	2397.3	1622.3	1041.1
115°	5628.2	5956.2	5628.2	5300.2	5218.2	4350.8	3194.4	2616.1	2289.8	1637.3	1147.9
117.5°	5303.1	5666.8	5303.1	4939.4	4848.4	4065.7	3022.0	2500.1	2222.6	1667.7	1251.6
120°	5041.2	5394.5	5041.2	4687.8	4599.4	3884.2	2930.5	2453.6	2200.0	1692.5	1311.9
122.5°	4786.1	5134.7	4786.1	4437.5	4350.3	3706.2	2847.5	2418.1	2188.1	1728.1	1383.0
125°	4422.1	4743.3	4422.1	4101.0	4020.8	3473.6	2744.1	2379.3	2178.3	1776.1	1474.4
127.5°	4094.9	4365.8	4094.9	3823.9	3756.2	3286.4	2660.0	2346.9	2172.6	1824.0	1562.5
130°	3902.0	4152.3	3902.0	3651.7	3589.2	3171.0	2613.3	2334.5	2176.1	1859.0	1621.3
132.5°	3727.0	3951.1	3727.0	3502.9	3446.9	3072.5	2573.3	2323.7	2178.3	1887.4	1669.3
135°	3487.2	3680.4	3487.2	3294.1	3245.8	2932.2	2514.2	2305.1	2176.3	1918.4	1725.0
137.5°	3294.9	3453.0	3294.9	3136.7	3097.2	2832.1	2478.7	2302.1	2189.6	1964.7	1796.1
140°	3162.9	3310.7	3162.9	3015.0	2978.0	2749.1	2443.8	2291.2	2191.8	1993.1	1844.1
142.5°	3053.5	3180.7	3053.5	2926.3	2894.6	2693.5	2425.3	2291.2	2199.8	2016.8	1879.7
145°	2889.5	2985.8	2889.5	2793.3	2769.2	2604.7	2385.4	2275.8	2199.8	2047.8	1933.8
147.5°	2763.7	2843.5	2763.7	2683.9	2664.0	2534.6	2362.0	2275.8	2214.9	2093.2	2001.9
150°	2684.5	2749.2	2684.5	2619.8	2603.6	2494.4	2348.7	2275.8	2222.8	2116.9	2037.5
152.5°	2616.8	2665.6	2616.8	2568.0	2555.7	2462.4	2338.0	2275.8	2228.0	2132.4	2060.7
155°	2538.9	2571.2	2538.9	2506.5	2498.5	2424.3	2325.3	2275.8	2239.3	2166.4	2111.7
157.5°	2477.4	2500.1	2477.4	2454.6	2449.0	2391.2	2314.2	2275.8	2250.7	2200.5	2162.8
160°	2440.6	2453.6	2440.6	2427.6	2424.3	2374.8	2308.7	2275.8	2255.8	2215.9	2186.0
162.5°	2416.5	2428.8	2416.5	2404.1	2401.1	2359.3	2303.6	2275.8	2261.3	2232.4	2210.7
165°	2381.7	2394.9	2381.7	2368.7	2365.4	2335.5	2295.7	2275.8	2269.2	2256.1	2246.3
167.5°	2356.8	2362.3	2356.8	2351.4	2350.0	2330.3	2304.2	2291.2	2285.7	2274.7	2266.4
170°	2350.0	2350.0	2350.0	2350.0	2350.0	2330.3	2304.2	2291.2	2290.8	2290.1	2289.6
172.5°	2331.5	2326.8	2331.5	2336.4	2337.6	2322.2	2301.6	2291.2	2291.2	2291.2	2291.2
175°	2320.6	2320.6	2320.6	2320.6	2320.6	2310.8	2297.8	2291.2	2294.3	2300.5	2305.1
177.5°	2310.6	2305.1	2310.6	2316.1	2317.5	2309.7	2299.5	2294.3	2296.7	2301.6	2305.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1
2.5°	2148.2	2136.1	2136.1	2116.1	2108.1	2102.1	2092.1	2062.0	2054.1	2046.0	2058.0
5°	2166.2	2144.2	2128.2	2092.1	2062.0	2050.0	2011.9	1939.8	1891.7	1855.6	1835.6
7.5°	2170.2	2142.2	2112.1	2056.0	1983.8	1951.8	1835.6	1703.4	1667.2	1635.2	1615.1
10°	2166.2	2134.1	2092.1	2007.9	1837.6	1781.4	1665.2	1579.1	1557.0	1551.1	1557.0
12.5°	2152.2	2122.2	2064.0	1923.8	1685.3	1647.2	1579.1	1529.0	1525.0	1535.0	1589.1
15°	2128.2	2100.1	2031.9	1811.5	1601.2	1573.1	1525.0	1506.9	1529.0	1599.1	1761.4
17.5°	2104.1	2072.1	1987.9	1701.4	1537.0	1517.0	1482.8	1519.0	1643.2	1737.4	1791.5
20°	2072.1	2033.9	1937.8	1621.2	1490.9	1472.9	1456.8	1619.2	1713.3	1747.4	1777.5
22.5°	2033.9	1993.9	1869.7	1565.0	1442.8	1428.8	1438.8	1675.3	1713.3	1737.4	1763.4
25°	1983.8	1949.8	1789.5	1521.0	1404.8	1388.7	1426.8	1669.3	1691.3	1697.3	1749.4
27.5°	1937.8	1893.7	1705.4	1480.9	1358.6	1352.7	1436.8	1643.2	1659.2	1665.2	1721.4
30°	1881.6	1815.5	1611.1	1438.8	1310.5	1308.5	1438.8	1611.1	1607.1	1623.2	1679.3
32.5°	1823.6	1699.3	1505.0	1386.7	1264.4	1262.4	1424.8	1563.0	1559.0	1581.1	1623.2
35°	1769.5	1609.1	1360.6	1326.6	1206.4	1208.3	1390.7	1506.9	1508.9	1529.0	1555.1
37.5°	1713.3	1531.0	1202.4	1260.4	1150.3	1150.3	1344.6	1454.9	1450.9	1456.8	1492.9
40°	1647.2	1408.7	1062.0	1174.3	1098.2	1092.1	1288.5	1398.7	1384.7	1382.7	1432.7
42.5°	1577.1	1274.5	957.9	1060.0	1038.0	1030.0	1220.4	1330.6	1304.6	1310.5	1374.7
45°	1501.0	1238.4	877.7	895.7	975.9	969.9	1146.2	1252.5	1234.4	1250.5	1316.6
47.5°	1424.8	1166.3	851.7	743.4	909.7	907.8	1064.0	1176.3	1166.3	1182.4	1252.5
50°	1320.6	1086.1	849.7	637.2	835.6	843.6	965.9	1102.2	1102.2	1116.2	1190.3
52.5°	1186.3	987.9	771.5	577.1	749.5	773.5	879.7	1038.0	1042.0	1056.1	1122.2
55°	1064.0	885.7	715.4	531.1	647.3	699.4	795.5	971.9	979.9	993.9	1054.1
57.5°	951.9	737.4	703.4	476.9	553.1	603.2	721.4	907.8	911.7	923.8	982.0
60°	831.7	533.1	645.3	418.8	470.9	509.0	653.3	831.7	845.6	853.7	903.8
62.5°	695.3	386.7	585.2	378.8	430.9	438.8	597.2	759.4	777.5	783.6	813.6
65°	495.0	324.6	497.0	344.7	388.7	390.7	537.0	685.3	701.4	711.3	733.5
67.5°	334.7	264.5	378.8	312.6	356.7	358.7	479.0	599.2	621.2	629.3	643.2
70°	232.5	176.4	280.6	278.6	320.6	324.6	416.8	521.0	541.0	547.1	555.1
72.5°	170.3	142.2	232.5	250.5	282.6	286.5	352.7	432.9	452.9	458.9	462.9
75°	130.3	150.3	188.3	218.4	240.4	242.4	288.5	352.7	366.7	370.7	372.7
77.5°	104.2	140.2	138.2	176.4	196.4	192.3	226.5	272.5	284.6	284.6	284.6
80°	78.2	110.3	104.2	126.3	144.3	140.2	162.3	194.4	198.4	202.4	200.4
82.5°	58.1	70.1	70.1	80.2	96.2	92.2	108.2	126.3	126.3	126.3	130.3
85°	36.1	40.0	32.1	42.1	54.1	52.1	60.2	68.1	70.1	70.1	66.1
87.5°	22.0	18.0	10.1	16.0	24.0	24.0	28.1	30.1	28.1	28.1	28.1
90°	40.2	27.8	15.4	27.8	40.2	43.3	68.0	101.0	117.5	104.5	78.4
92.5°	272.3	167.0	61.9	167.0	272.3	298.6	419.8	581.4	662.1	580.3	416.6
95°	533.6	341.0	148.5	341.0	533.6	581.7	1032.9	1634.5	1935.3	1727.0	1310.3
97.5°	596.5	426.6	256.8	426.6	596.5	638.9	1391.3	2394.5	2896.1	2764.4	2501.1
100°	648.4	494.4	340.3	494.4	648.4	686.9	1521.8	2635.0	3191.6	3201.2	3220.5
102.5°	698.9	555.3	411.5	555.3	698.9	734.8	1581.6	2710.6	3275.1	3442.9	3778.4
105°	775.6	653.9	532.2	653.9	775.6	806.1	1626.0	2719.2	3265.8	3641.9	4394.2
107.5°	882.9	769.4	656.0	769.4	882.9	911.2	1634.2	2598.3	3080.2	3604.8	4654.0
110°	944.4	841.9	739.5	841.9	944.4	970.0	1621.8	2490.9	2925.5	3512.0	4685.0

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1016.7	919.1	821.5	919.1	1016.7	1041.1	1622.3	2397.3	2784.7	3385.0	4585.5
115°	1125.4	1035.2	945.2	1035.2	1125.4	1147.9	1637.3	2289.8	2616.1	3194.4	4350.8
117.5°	1231.2	1149.3	1067.5	1149.3	1231.2	1251.6	1667.7	2222.6	2500.1	3022.0	4065.7
120°	1292.7	1215.6	1138.6	1215.6	1292.7	1311.9	1692.5	2200.0	2453.6	2930.5	3884.2
122.5°	1363.6	1285.9	1208.2	1285.9	1363.6	1383.0	1728.1	2188.1	2418.1	2847.5	3706.2
125°	1456.6	1385.8	1315.0	1385.8	1456.6	1474.4	1776.1	2178.3	2379.3	2744.1	3473.6
127.5°	1544.7	1473.2	1401.7	1473.2	1544.7	1562.5	1824.0	2172.6	2346.9	2660.0	3286.4
130°	1602.1	1525.1	1448.1	1525.1	1602.1	1621.3	1859.0	2176.1	2334.5	2613.3	3171.0
132.5°	1650.1	1573.0	1496.0	1573.0	1650.1	1669.3	1887.4	2178.3	2323.7	2573.3	3072.5
135°	1707.4	1637.3	1567.2	1637.3	1707.4	1725.0	1918.4	2176.3	2305.1	2514.2	2932.2
137.5°	1778.8	1709.3	1639.9	1709.3	1778.8	1796.1	1964.7	2189.6	2302.1	2478.7	2832.1
140°	1828.1	1764.1	1700.2	1764.1	1828.1	1844.1	1993.1	2191.8	2291.2	2443.8	2749.1
142.5°	1864.9	1805.7	1746.6	1805.7	1864.9	1879.7	2016.8	2199.8	2291.2	2425.3	2693.5
145°	1921.0	1869.4	1817.8	1869.4	1921.0	1933.8	2047.8	2199.8	2275.8	2385.4	2604.7
147.5°	1989.3	1939.1	1888.9	1939.1	1989.3	2001.9	2093.2	2214.9	2275.8	2362.0	2534.6
150°	2026.2	1980.7	1935.3	1980.7	2026.2	2037.5	2116.9	2222.8	2275.8	2348.7	2494.4
152.5°	2052.2	2017.7	1983.3	2017.7	2052.2	2060.7	2132.4	2228.0	2275.8	2338.0	2462.4
155°	2105.3	2079.9	2054.4	2079.9	2105.3	2111.7	2166.4	2239.3	2275.8	2325.3	2424.3
157.5°	2156.6	2131.8	2107.1	2131.8	2156.6	2162.8	2200.5	2250.7	2275.8	2314.2	2391.2
160°	2181.2	2161.9	2142.7	2161.9	2181.2	2186.0	2215.9	2255.8	2275.8	2308.7	2374.8
162.5°	2207.1	2192.7	2178.3	2192.7	2207.1	2210.7	2232.4	2261.3	2275.8	2303.6	2359.3
165°	2243.0	2229.9	2216.9	2229.9	2243.0	2246.3	2256.1	2269.2	2275.8	2295.7	2335.5
167.5°	2264.9	2258.7	2252.6	2258.7	2264.9	2266.4	2274.7	2285.7	2291.2	2304.2	2330.3
170°	2288.1	2281.9	2275.8	2281.9	2288.1	2289.6	2290.1	2290.8	2291.2	2304.2	2330.3
172.5°	2290.9	2289.5	2288.1	2289.5	2290.9	2291.2	2291.2	2291.2	2291.2	2301.6	2322.2
175°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2300.5	2294.3	2291.2	2297.8	2310.8
177.5°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2301.6	2296.7	2294.3	2299.5	2309.7
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1	2118.1
2.5°	2044.0	2038.0	2046.0	2024.0	2046.0	2038.0	2044.0	2058.0	2046.0	2054.1	2062.0
5°	1793.5	1783.4	1751.5	1725.4	1751.5	1783.4	1793.5	1835.6	1855.6	1891.7	1939.8
7.5°	1603.2	1595.1	1587.1	1571.1	1587.1	1595.1	1603.2	1615.1	1635.2	1667.2	1703.4
10°	1561.0	1563.0	1575.1	1573.1	1575.1	1563.0	1561.0	1557.0	1551.1	1557.0	1579.1
12.5°	1669.3	1687.3	1753.5	1749.4	1753.5	1687.3	1669.3	1589.1	1535.0	1525.0	1529.0
15°	1793.5	1799.5	1813.5	1815.5	1813.5	1799.5	1793.5	1761.4	1599.1	1529.0	1506.9
17.5°	1805.5	1807.5	1817.5	1817.5	1817.5	1807.5	1805.5	1791.5	1737.4	1643.2	1519.0
20°	1795.5	1799.5	1819.6	1823.6	1819.6	1799.5	1795.5	1777.5	1747.4	1713.3	1619.2
22.5°	1791.5	1799.5	1815.5	1813.5	1815.5	1799.5	1791.5	1763.4	1737.4	1713.3	1675.3
25°	1771.5	1771.5	1773.5	1775.5	1773.5	1771.5	1771.5	1749.4	1697.3	1691.3	1669.3
27.5°	1729.4	1733.3	1745.4	1743.4	1745.4	1733.3	1729.4	1721.4	1665.2	1659.2	1643.2
30°	1691.3	1687.3	1677.3	1669.3	1677.3	1687.3	1691.3	1679.3	1623.2	1607.1	1611.1
32.5°	1627.2	1617.1	1607.1	1601.2	1607.1	1617.1	1627.2	1623.2	1581.1	1559.0	1563.0
35°	1551.1	1553.1	1551.1	1545.0	1551.1	1553.1	1551.1	1555.1	1529.0	1508.9	1506.9
37.5°	1496.9	1501.0	1498.9	1490.9	1498.9	1501.0	1496.9	1492.9	1456.8	1450.9	1454.9
40°	1440.8	1442.8	1440.8	1434.8	1440.8	1442.8	1440.8	1432.7	1382.7	1384.7	1398.7
42.5°	1386.7	1384.7	1378.7	1374.7	1378.7	1384.7	1386.7	1374.7	1310.5	1304.6	1330.6
45°	1324.6	1326.6	1314.5	1308.5	1314.5	1326.6	1324.6	1316.6	1250.5	1234.4	1252.5
47.5°	1262.4	1262.4	1252.5	1246.4	1252.5	1262.4	1262.4	1252.5	1182.4	1166.3	1176.3
50°	1196.3	1194.3	1180.3	1178.3	1180.3	1194.3	1196.3	1190.3	1116.2	1102.2	1102.2
52.5°	1120.2	1120.2	1122.2	1126.2	1122.2	1120.2	1120.2	1122.2	1056.1	1042.0	1038.0
55°	1054.1	1056.1	1070.1	1074.1	1070.1	1056.1	1054.1	1054.1	993.9	979.9	971.9
57.5°	985.9	985.9	995.9	995.9	995.9	985.9	985.9	982.0	923.8	911.7	907.8
60°	907.8	911.7	919.8	917.8	919.8	911.7	907.8	903.8	853.7	845.6	831.7
62.5°	825.6	829.7	831.7	827.6	831.7	829.7	825.6	813.6	783.6	777.5	759.4
65°	739.4	743.4	745.4	741.4	745.4	743.4	739.4	733.5	711.3	701.4	685.3
67.5°	651.3	649.3	647.3	655.3	647.3	649.3	651.3	643.2	629.3	621.2	599.2
70°	561.0	561.0	559.1	563.1	559.1	561.0	561.0	555.1	547.1	541.0	521.0
72.5°	464.9	462.9	470.9	464.9	470.9	462.9	464.9	462.9	458.9	452.9	432.9
75°	370.7	374.7	370.7	376.7	370.7	374.7	370.7	372.7	370.7	366.7	352.7
77.5°	282.6	286.5	282.6	282.6	282.6	286.5	282.6	284.6	284.6	284.6	272.5
80°	200.4	198.4	198.4	196.4	198.4	198.4	200.4	200.4	202.4	198.4	194.4
82.5°	128.3	126.3	126.3	130.3	126.3	126.3	128.3	130.3	126.3	126.3	126.3
85°	70.1	72.1	68.1	68.1	68.1	72.1	70.1	66.1	70.1	70.1	68.1
87.5°	26.1	24.0	24.0	24.0	24.0	24.0	26.1	28.1	28.1	28.1	30.1
90°	58.8	58.8	58.8	58.8	58.8	58.8	58.8	78.4	104.5	117.5	101.0
92.5°	293.9	282.3	235.5	188.7	235.5	282.3	293.9	416.6	580.3	662.1	581.4
95°	997.9	962.4	820.8	679.2	820.8	962.4	997.9	1310.3	1727.0	1935.3	1634.5
97.5°	2303.5	2236.1	1966.6	1697.1	1966.6	2236.1	2303.5	2501.1	2764.4	2896.1	2394.5
100°	3234.9	3154.6	2833.5	2512.4	2833.5	3154.6	3234.9	3220.5	3201.2	3191.6	2635.0
102.5°	4030.1	3961.4	3686.3	3411.3	3686.3	3961.4	4030.1	3778.4	3442.9	3275.1	2710.6
105°	4958.3	4921.3	4773.5	4625.7	4773.5	4921.3	4958.3	4394.2	3641.9	3265.8	2719.2
107.5°	5440.9	5449.9	5485.7	5521.4	5485.7	5449.9	5440.9	4654.0	3604.8	3080.2	2598.3
110°	5564.8	5603.3	5757.3	5911.3	5757.3	5603.3	5564.8	4685.0	3512.0	2925.5	2490.9

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5485.9	5545.0	5781.5	6018.0	5781.5	5545.0	5485.9	4585.5	3385.0	2784.7	2397.3
115°	5218.2	5300.2	5628.2	5956.2	5628.2	5300.2	5218.2	4350.8	3194.4	2616.1	2289.8
117.5°	4848.4	4939.4	5303.1	5666.8	5303.1	4939.4	4848.4	4065.7	3022.0	2500.1	2222.6
120°	4599.4	4687.8	5041.2	5394.5	5041.2	4687.8	4599.4	3884.2	2930.5	2453.6	2200.0
122.5°	4350.3	4437.5	4786.1	5134.7	4786.1	4437.5	4350.3	3706.2	2847.5	2418.1	2188.1
125°	4020.8	4101.0	4422.1	4743.3	4422.1	4101.0	4020.8	3473.6	2744.1	2379.3	2178.3
127.5°	3756.2	3823.9	4094.9	4365.8	4094.9	3823.9	3756.2	3286.4	2660.0	2346.9	2172.6
130°	3589.2	3651.7	3902.0	4152.3	3902.0	3651.7	3589.2	3171.0	2613.3	2334.5	2176.1
132.5°	3446.9	3502.9	3727.0	3951.1	3727.0	3502.9	3446.9	3072.5	2573.3	2323.7	2178.3
135°	3245.8	3294.1	3487.2	3680.4	3487.2	3294.1	3245.8	2932.2	2514.2	2305.1	2176.3
137.5°	3097.2	3136.7	3294.9	3453.0	3294.9	3136.7	3097.2	2832.1	2478.7	2302.1	2189.6
140°	2978.0	3015.0	3162.9	3310.7	3162.9	3015.0	2978.0	2749.1	2443.8	2291.2	2191.8
142.5°	2894.6	2926.3	3053.5	3180.7	3053.5	2926.3	2894.6	2693.5	2425.3	2291.2	2199.8
145°	2769.2	2793.3	2889.5	2985.8	2889.5	2793.3	2769.2	2604.7	2385.4	2275.8	2199.8
147.5°	2664.0	2683.9	2763.7	2843.5	2763.7	2683.9	2664.0	2534.6	2362.0	2275.8	2214.9
150°	2603.6	2619.8	2684.5	2749.2	2684.5	2619.8	2603.6	2494.4	2348.7	2275.8	2222.8
152.5°	2555.7	2568.0	2616.8	2665.6	2616.8	2568.0	2555.7	2462.4	2338.0	2275.8	2228.0
155°	2498.5	2506.5	2538.9	2571.2	2538.9	2506.5	2498.5	2424.3	2325.3	2275.8	2239.3
157.5°	2449.0	2454.6	2477.4	2500.1	2477.4	2454.6	2449.0	2391.2	2314.2	2275.8	2250.7
160°	2424.3	2427.6	2440.6	2453.6	2440.6	2427.6	2424.3	2374.8	2308.7	2275.8	2255.8
162.5°	2401.1	2404.1	2416.5	2428.8	2416.5	2404.1	2401.1	2359.3	2303.6	2275.8	2261.3
165°	2365.4	2368.7	2381.7	2394.9	2381.7	2368.7	2365.4	2335.5	2295.7	2275.8	2269.2
167.5°	2350.0	2351.4	2356.8	2362.3	2356.8	2351.4	2350.0	2330.3	2304.2	2291.2	2285.7
170°	2350.0	2350.0	2350.0	2350.0	2350.0	2350.0	2350.0	2330.3	2304.2	2291.2	2290.8
172.5°	2337.6	2336.4	2331.5	2326.8	2331.5	2336.4	2337.6	2322.2	2301.6	2291.2	2291.2
175°	2320.6	2320.6	2320.6	2320.6	2320.6	2320.6	2320.6	2310.8	2297.8	2291.2	2294.3
177.5°	2317.5	2316.1	2310.6	2305.1	2310.6	2316.1	2317.5	2309.7	2299.5	2294.3	2296.7
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2118.1	2118.1	2118.1	2118.1	2118.1
2.5°	2092.1	2102.1	2108.1	2116.1	2136.1
5°	2011.9	2050.0	2062.0	2092.1	2128.2
7.5°	1835.6	1951.8	1983.8	2056.0	2112.1
10°	1665.2	1781.4	1837.6	2007.9	2092.1
12.5°	1579.1	1647.2	1685.3	1923.8	2064.0
15°	1525.0	1573.1	1601.2	1811.5	2031.9
17.5°	1482.8	1517.0	1537.0	1701.4	1987.9
20°	1456.8	1472.9	1490.9	1621.2	1937.8
22.5°	1438.8	1428.8	1442.8	1565.0	1869.7
25°	1426.8	1388.7	1404.8	1521.0	1789.5
27.5°	1436.8	1352.7	1358.6	1480.9	1705.4
30°	1438.8	1308.5	1310.5	1438.8	1611.1
32.5°	1424.8	1262.4	1264.4	1386.7	1505.0
35°	1390.7	1208.3	1206.4	1326.6	1360.6
37.5°	1344.6	1150.3	1150.3	1260.4	1202.4
40°	1288.5	1092.1	1098.2	1174.3	1062.0
42.5°	1220.4	1030.0	1038.0	1060.0	957.9
45°	1146.2	969.9	975.9	895.7	877.7
47.5°	1064.0	907.8	909.7	743.4	851.7
50°	965.9	843.6	835.6	637.2	849.7
52.5°	879.7	773.5	749.5	577.1	771.5
55°	795.5	699.4	647.3	531.1	715.4
57.5°	721.4	603.2	553.1	476.9	703.4
60°	653.3	509.0	470.9	418.8	645.3
62.5°	597.2	438.8	430.9	378.8	585.2
65°	537.0	390.7	388.7	344.7	497.0
67.5°	479.0	358.7	356.7	312.6	378.8
70°	416.8	324.6	320.6	278.6	280.6
72.5°	352.7	286.5	282.6	250.5	232.5
75°	288.5	242.4	240.4	218.4	188.3
77.5°	226.5	192.3	196.4	176.4	138.2
80°	162.3	140.2	144.3	126.3	104.2
82.5°	108.2	92.2	96.2	80.2	70.1
85°	60.2	52.1	54.1	42.1	32.1
87.5°	28.1	24.0	24.0	16.0	10.1
90°	68.0	43.3	40.2	27.8	15.4
92.5°	419.8	298.6	272.3	167.0	61.9
95°	1032.9	581.7	533.6	341.0	148.5
97.5°	1391.3	638.9	596.5	426.6	256.8
100°	1521.8	686.9	648.4	494.4	340.3
102.5°	1581.6	734.8	698.9	555.3	411.5
105°	1626.0	806.1	775.6	653.9	532.2
107.5°	1634.2	911.2	882.9	769.4	656.0
110°	1621.8	970.0	944.4	841.9	739.5

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1622.3	1041.1	1016.7	919.1	821.5
115°	1637.3	1147.9	1125.4	1035.2	945.2
117.5°	1667.7	1251.6	1231.2	1149.3	1067.5
120°	1692.5	1311.9	1292.7	1215.6	1138.6
122.5°	1728.1	1383.0	1363.6	1285.9	1208.2
125°	1776.1	1474.4	1456.6	1385.8	1315.0
127.5°	1824.0	1562.5	1544.7	1473.2	1401.7
130°	1859.0	1621.3	1602.1	1525.1	1448.1
132.5°	1887.4	1669.3	1650.1	1573.0	1496.0
135°	1918.4	1725.0	1707.4	1637.3	1567.2
137.5°	1964.7	1796.1	1778.8	1709.3	1639.9
140°	1993.1	1844.1	1828.1	1764.1	1700.2
142.5°	2016.8	1879.7	1864.9	1805.7	1746.6
145°	2047.8	1933.8	1921.0	1869.4	1817.8
147.5°	2093.2	2001.9	1989.3	1939.1	1888.9
150°	2116.9	2037.5	2026.2	1980.7	1935.3
152.5°	2132.4	2060.7	2052.2	2017.7	1983.3
155°	2166.4	2111.7	2105.3	2079.9	2054.4
157.5°	2200.5	2162.8	2156.6	2131.8	2107.1
160°	2215.9	2186.0	2181.2	2161.9	2142.7
162.5°	2232.4	2210.7	2207.1	2192.7	2178.3
165°	2256.1	2246.3	2243.0	2229.9	2216.9
167.5°	2274.7	2266.4	2264.9	2258.7	2252.6
170°	2290.1	2289.6	2288.1	2281.9	2275.8
172.5°	2291.2	2291.2	2290.9	2289.5	2288.1
175°	2300.5	2305.1	2305.1	2305.1	2305.1
177.5°	2301.6	2305.1	2305.1	2305.1	2305.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1

TEST NUMBER: P935477

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-2700K

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	8.69	9.37	9.82	10.50	12.07	11.54	12.23	12.67	13.35	14.92
	3H	9.15	9.76	10.29	10.90	12.48	12.88	13.49	14.02	14.62	16.21
	4H	9.33	9.92	10.48	11.05	12.64	13.32	13.90	14.47	15.03	16.62
	6H	9.44	9.98	10.60	11.11	12.71	13.60	14.13	14.76	15.27	16.87
	8H	9.44	9.95	10.60	11.10	12.69	13.67	14.18	14.83	15.33	16.92
	12H	9.40	9.89	10.57	11.03	12.65	13.71	14.19	14.87	15.34	16.95
4H	2H	9.70	10.29	10.86	11.42	13.01	11.92	12.51	13.08	13.64	15.23
	3H	10.71	11.20	11.88	12.36	13.96	13.42	13.91	14.58	15.07	16.67
	4H	10.98	11.43	12.15	12.58	14.20	13.95	14.39	15.11	15.54	17.16
	6H	11.10	11.48	12.27	12.65	14.26	14.31	14.69	15.48	15.86	17.47
	8H	11.10	11.46	12.27	12.62	14.24	14.41	14.77	15.58	15.93	17.56
	12H	11.06	11.38	12.24	12.55	14.18	14.46	14.79	15.65	15.96	17.59
8H	4H	11.42	11.78	12.59	12.94	14.57	14.06	14.41	15.22	15.57	17.20
	6H	11.68	11.97	12.87	13.18	14.80	14.49	14.78	15.68	15.99	17.61
	8H	11.72	11.98	12.91	13.16	14.80	14.64	14.90	15.84	16.08	17.72
	12H	11.70	11.92	12.89	13.10	14.78	14.74	14.96	15.94	16.14	17.82
12H	4H	11.42	11.75	12.61	12.92	14.55	14.01	14.34	15.20	15.51	17.14
	6H	11.74	12.00	12.93	13.18	14.82	14.49	14.74	15.68	15.92	17.57
	8H	11.80	12.02	13.00	13.20	14.88	14.64	14.87	15.84	16.05	17.72