

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: P935787

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935787
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-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

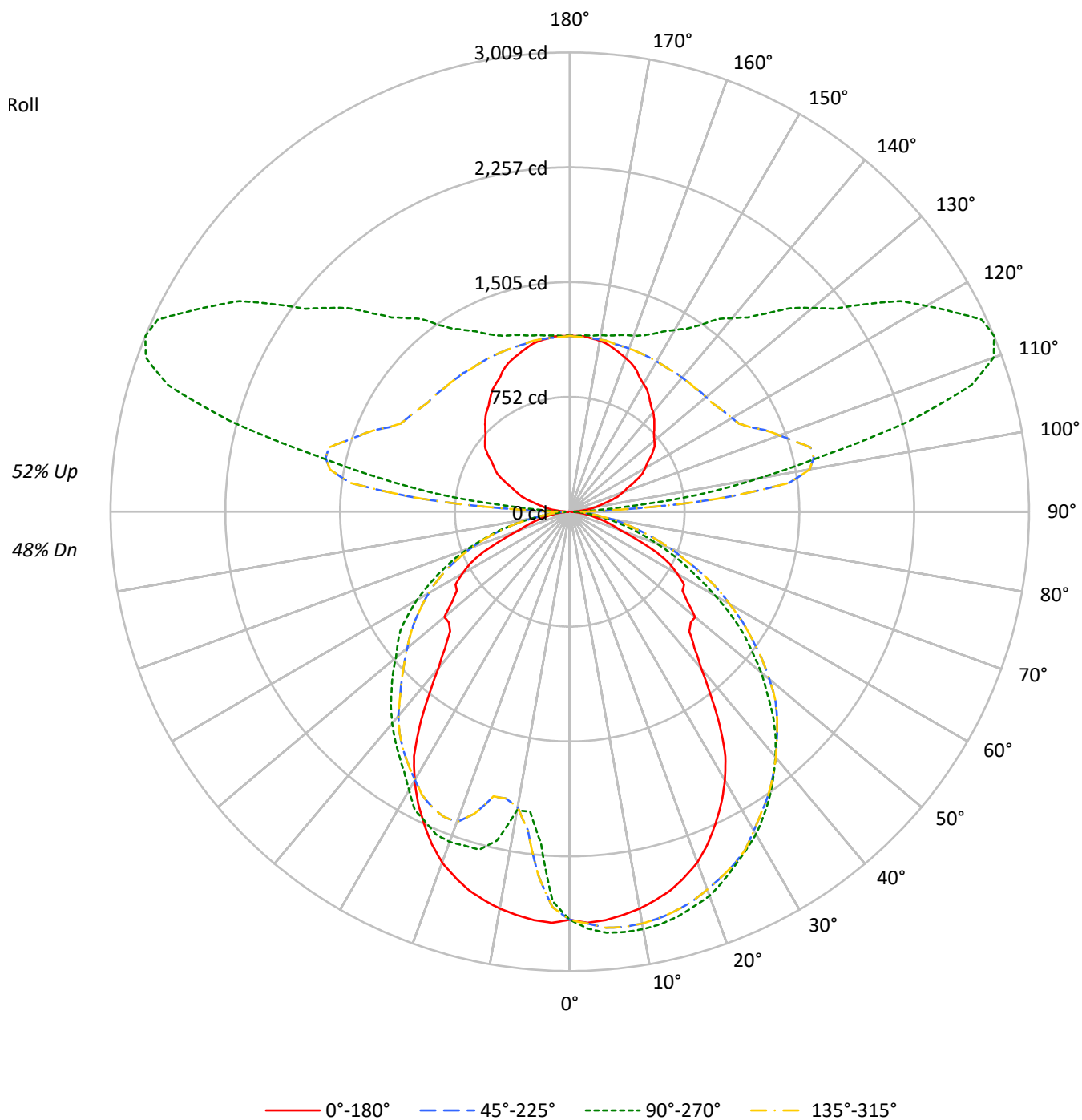
Lumens per Lamp: N/A
Luminaire Lumens: 14404.1 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 112.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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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	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54			48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46			41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39			34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33			29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28			25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25			21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22			19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19			17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17			15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16			13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14			12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16647	16686	16647	13120
10°	16530	16437	16530	11751
15°	16344	16081	16344	13427
20°	15996	15659	15996	13456
25°	15289	15043	15289	13170
30°	14379	14533	14379	12545
35°	12813	13886	12813	11857
40°	10670	13126	10670	11336
45°	9528	12235	9528	10739
50°	10115	11173	10115	10139
55°	9507	10029	9507	9792
60°	9788	8518	9788	8968
65°	8861	7041	8861	7871
70°	6121	5612	6121	6597
75°	5346	4148	5346	4968
80°	4280	2742	4280	2986
85°	2409	1452	2409	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14612 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.2	1.7
10°-20°	684.8	4.8
20°-30°	1058.6	7.3
30°-40°	1263.8	8.8
40°-50°	1271.2	8.8
50°-60°	1106.1	7.7
60°-70°	784.2	5.4
70°-80°	414.9	2.9
80°-90°	107.7	0.7
90°-100°	561.8	3.9
100°-110°	1477.0	10.3
110°-120°	1531.5	10.6
120°-130°	1228.5	8.5
130°-140°	963.9	6.7
140°-150°	739.8	5.1
150°-160°	532.8	3.7
160°-170°	326.0	2.3
170°-180°	110.1	0.8
0°-30°	1984.7	13.8
0°-40°	3248.4	22.6
0°-60°	5625.7	39.1
0°-90°	6932.6	48.1
90°-120°	3570.4	24.8
90°-150°	6502.6	45.1
90°-180°	7472.0	51.9
0°-180°	14404.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2672	2672	2672	2672	2672	
5°	2685	2768	2685	2177	2685	255
15°	2563	2743	2563	2290	2563	721
25°	2257	2558	2257	2240	2257	1037
35°	1716	2283	1716	1949	1716	1062
45°	1107	1881	1107	1651	1107	887
55°	902	1388	902	1355	902	829
65°	627	837	627	935	627	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	8	29	8	29	8	8
95°	74	340	74	340	74	82
105°	266	2313	266	2313	266	282
115°	473	2978	473	2978	473	467
125°	658	2372	658	2372	658	584
135°	784	1840	784	1840	784	606
145°	909	1493	909	1493	909	569
155°	1027	1286	1027	1286	1027	472
165°	1108	1197	1108	1197	1108	313
175°	1153	1160	1153	1160	1153	109
180°	1153	1153	1153	1153	1153	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2694.8	2694.8	2710.0	2715.0	2715.0	2707.4	2699.9	2707.4	2730.2	2737.8	2735.2
5°	2684.7	2704.9	2732.7	2737.8	2742.9	2740.3	2735.2	2740.3	2765.6	2770.7	2773.2
7.5°	2664.5	2702.3	2737.8	2745.4	2752.9	2745.4	2742.9	2747.9	2773.2	2778.2	2778.2
10°	2639.2	2692.3	2732.7	2737.8	2745.4	2737.8	2737.8	2747.9	2773.2	2778.2	2780.7
12.5°	2603.8	2677.1	2715.0	2720.1	2730.2	2727.6	2725.2	2735.2	2760.5	2765.6	2765.6
15°	2563.4	2649.3	2684.7	2689.8	2707.4	2702.3	2702.3	2712.5	2740.3	2747.9	2745.4
17.5°	2507.7	2613.9	2654.3	2661.9	2674.6	2672.1	2674.6	2684.7	2710.0	2715.0	2717.6
20°	2444.6	2565.9	2613.9	2621.5	2634.1	2634.1	2634.1	2646.8	2672.1	2682.1	2682.1
22.5°	2358.6	2515.3	2565.9	2571.0	2586.1	2586.1	2591.2	2608.8	2631.6	2634.1	2634.1
25°	2257.4	2459.7	2502.6	2517.9	2533.0	2540.6	2548.2	2558.3	2565.9	2563.4	2565.9
27.5°	2151.3	2388.9	2444.6	2454.6	2474.9	2482.4	2492.6	2495.1	2497.7	2505.2	2500.2
30°	2032.4	2290.3	2373.8	2383.8	2416.7	2421.8	2411.7	2416.7	2429.3	2434.4	2439.5
32.5°	1898.5	2143.7	2300.5	2323.2	2353.5	2338.4	2335.8	2343.4	2363.6	2363.6	2368.7
35°	1716.5	2029.9	2232.2	2252.5	2275.2	2257.4	2267.6	2270.1	2282.7	2290.3	2287.8
37.5°	1516.8	1931.3	2161.4	2176.6	2194.3	2171.5	2186.7	2194.3	2204.3	2199.4	2199.4
40°	1339.8	1777.2	2078.0	2088.1	2103.3	2085.5	2100.8	2105.8	2110.8	2105.8	2103.3
42.5°	1208.3	1607.7	1989.5	2002.2	1992.0	2004.6	2009.7	2019.9	2012.2	2002.2	2002.2
45°	1107.3	1562.3	1893.4	1908.6	1893.4	1913.7	1921.3	1921.3	1898.5	1893.4	1890.9
47.5°	1074.4	1471.3	1797.4	1797.4	1789.8	1815.1	1827.8	1810.0	1787.2	1779.7	1779.7
50°	1071.9	1370.2	1665.9	1655.8	1691.2	1721.6	1708.9	1691.2	1673.5	1645.7	1645.7
52.5°	973.3	1246.3	1496.6	1534.4	1590.1	1607.7	1587.5	1569.9	1539.5	1526.9	1516.8
55°	902.5	1117.3	1342.3	1418.2	1476.4	1499.1	1461.1	1443.5	1398.0	1390.4	1385.3
57.5°	887.3	930.3	1200.8	1296.9	1367.6	1365.1	1342.3	1309.4	1271.6	1264.0	1261.4
60°	814.0	672.4	1049.1	1162.8	1236.1	1228.6	1208.3	1178.1	1142.6	1137.6	1132.6
62.5°	738.1	487.9	877.2	1006.2	1109.7	1107.3	1089.5	1044.0	1018.8	1006.2	996.0
65°	627.0	409.6	624.4	836.7	985.9	990.9	953.1	920.2	892.4	877.2	874.7
67.5°	477.8	333.7	422.2	697.7	867.1	862.0	814.0	798.8	763.4	755.9	740.7
70°	353.9	222.5	293.2	566.2	750.8	738.1	700.3	682.6	649.7	632.0	621.9
72.5°	293.2	179.5	214.8	439.8	632.0	616.8	584.0	563.7	535.9	520.8	510.6
75°	237.6	189.6	164.3	326.1	513.1	503.1	472.7	452.5	429.8	409.6	412.0
77.5°	174.4	177.0	131.5	240.1	407.0	391.8	374.1	348.9	338.7	318.5	318.5
80°	131.5	139.0	98.6	164.3	293.2	293.2	278.1	260.4	242.7	232.6	232.6
82.5°	88.4	88.4	73.3	103.7	199.7	192.1	182.0	177.0	166.8	161.8	161.8
85°	40.4	50.6	45.5	63.2	108.7	113.7	113.7	108.7	106.2	101.1	103.7
87.5°	12.6	22.7	27.8	35.4	55.6	58.2	60.7	60.7	60.7	63.2	63.2
90°	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1	29.4	29.4
92.5°	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4	147.0	141.1
95°	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2	498.9	481.2
97.5°	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6	1151.8	1118.1
100°	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2	1617.4	1577.3
102.5°	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2	2015.0	1980.6
105°	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1	2479.1	2460.6
107.5°	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1	2720.5	2725.0
110°	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5	2782.4	2801.6

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7	2742.9	2772.5
115°	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5	2609.1	2650.2
117.5°	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8	2424.3	2469.7
120°	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0	2299.7	2343.9
122.5°	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2	2175.2	2218.7
125°	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8	2010.4	2050.6
127.5°	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3	1878.2	1912.0
130°	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4	1794.6	1825.9
132.5°	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2	1723.4	1751.4
135°	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1	1622.9	1647.0
137.5°	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0	1548.6	1568.3
140°	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6	1489.0	1507.5
142.5°	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7	1447.3	1463.2
145°	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4	1384.6	1396.7
147.5°	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3	1332.1	1342.0
150°	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2	1301.9	1309.9
152.5°	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2	1277.9	1283.9
155°	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1	1249.3	1253.4
157.5°	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6	1224.5	1227.3
160°	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3	1212.1	1213.7
162.5°	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6	1200.5	1202.1
165°	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8	1182.8	1184.3
167.5°	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2	1175.0	1175.7
170°	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2	1175.0	1175.0
172.5°	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0	1168.8	1168.2
175°	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5	1160.3	1160.3
177.5°	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9	1158.7	1158.0
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2740.3	2732.7	2740.3	2735.2	2737.8	2730.2	2707.4	2699.9	2707.4	2715.0	2715.0
5°	2773.2	2768.1	2773.2	2773.2	2770.7	2765.6	2740.3	2735.2	2740.3	2742.9	2737.8
7.5°	2783.3	2775.8	2783.3	2778.2	2778.2	2773.2	2747.9	2742.9	2745.4	2752.9	2745.4
10°	2783.3	2775.8	2783.3	2780.7	2778.2	2773.2	2747.9	2737.8	2737.8	2745.4	2737.8
12.5°	2770.7	2765.6	2770.7	2765.6	2765.6	2760.5	2735.2	2725.2	2727.6	2730.2	2720.1
15°	2750.5	2742.9	2750.5	2745.4	2747.9	2740.3	2712.5	2702.3	2702.3	2707.4	2689.8
17.5°	2720.1	2710.0	2720.1	2717.6	2715.0	2710.0	2684.7	2674.6	2672.1	2674.6	2661.9
20°	2684.7	2677.1	2684.7	2682.1	2682.1	2672.1	2646.8	2634.1	2634.1	2634.1	2621.5
22.5°	2629.0	2621.5	2629.0	2634.1	2634.1	2631.6	2608.8	2591.2	2586.1	2586.1	2571.0
25°	2565.9	2558.3	2565.9	2565.9	2563.4	2565.9	2558.3	2548.2	2540.6	2533.0	2517.9
27.5°	2505.2	2500.2	2505.2	2500.2	2505.2	2497.7	2495.1	2492.6	2482.4	2474.9	2454.6
30°	2444.6	2439.5	2444.6	2439.5	2434.4	2429.3	2416.7	2411.7	2421.8	2416.7	2383.8
32.5°	2368.7	2363.6	2368.7	2368.7	2363.6	2363.6	2343.4	2335.8	2338.4	2353.5	2323.2
35°	2290.3	2282.7	2290.3	2287.8	2290.3	2282.7	2270.1	2267.6	2257.4	2275.2	2252.5
37.5°	2199.4	2191.7	2199.4	2199.4	2199.4	2204.3	2194.3	2186.7	2171.5	2194.3	2176.6
40°	2105.8	2095.7	2105.8	2103.3	2105.8	2110.8	2105.8	2100.8	2085.5	2103.3	2088.1
42.5°	1999.7	1997.1	1999.7	2002.2	2002.2	2012.2	2019.9	2009.7	2004.6	1992.0	2002.2
45°	1885.8	1880.8	1885.8	1890.9	1893.4	1898.5	1921.3	1921.3	1913.7	1893.4	1908.6
47.5°	1764.5	1751.9	1764.5	1779.7	1779.7	1787.2	1810.0	1827.8	1815.1	1789.8	1797.4
50°	1635.6	1638.1	1635.6	1645.7	1645.7	1673.5	1691.2	1708.9	1721.6	1691.2	1655.8
52.5°	1509.2	1506.6	1509.2	1516.8	1526.9	1539.5	1569.9	1587.5	1607.7	1590.1	1534.4
55°	1382.7	1387.8	1382.7	1385.3	1390.4	1398.0	1443.5	1461.1	1499.1	1476.4	1418.2
57.5°	1256.4	1248.8	1256.4	1261.4	1264.0	1271.6	1309.4	1342.3	1365.1	1367.6	1296.9
60°	1109.7	1099.7	1109.7	1132.6	1137.6	1142.6	1178.1	1208.3	1228.6	1236.1	1162.8
62.5°	980.9	963.1	980.9	996.0	1006.2	1018.8	1044.0	1089.5	1107.3	1109.7	1006.2
65°	844.3	836.7	844.3	874.7	877.2	892.4	920.2	953.1	990.9	985.9	836.7
67.5°	720.5	720.5	720.5	740.7	755.9	763.4	798.8	814.0	862.0	867.1	697.7
70°	606.7	604.2	606.7	621.9	632.0	649.7	682.6	700.3	738.1	750.8	566.2
72.5°	498.0	495.5	498.0	510.6	520.8	535.9	563.7	584.0	616.8	632.0	439.8
75°	402.0	396.9	402.0	412.0	409.6	429.8	452.5	472.7	503.1	513.1	326.1
77.5°	308.5	308.5	308.5	318.5	318.5	338.7	348.9	374.1	391.8	407.0	240.1
80°	230.1	227.5	230.1	232.6	232.6	242.7	260.4	278.1	293.2	293.2	164.3
82.5°	161.8	156.8	161.8	161.8	161.8	166.8	177.0	182.0	192.1	199.7	103.7
85°	101.1	101.1	101.1	103.7	101.1	106.2	108.7	113.7	113.7	108.7	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.7	60.7	60.7	58.2	55.6	35.4
90°	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5	34.0	21.6
92.5°	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6	209.9	149.3
95°	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3	516.4	290.8
97.5°	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3	695.6	319.4
100°	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5	760.8	343.4
102.5°	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3	790.8	367.4
105°	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6	812.9	403.0
107.5°	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1	817.1	455.6
110°	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4	810.8	485.0

TEST NUMBER: P935787

CATALOG NUMBER: SQ4-FA-125U-125D-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°	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6	811.1	520.6
115°	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9	818.7	574.0
117.5°	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2	833.9	625.8
120°	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9	846.2	656.0
122.5°	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0	864.0	691.5
125°	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1	888.0	737.1
127.5°	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3	912.0	781.3
130°	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9	929.5	810.6
132.5°	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1	943.7	834.6
135°	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1	959.1	862.4
137.5°	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8	982.4	898.1
140°	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9	996.5	922.0
142.5°	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9	1008.4	939.8
145°	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9	1023.9	966.9
147.5°	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5	1046.6	1001.0
150°	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3	1058.4	1018.7
152.5°	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9	1066.2	1030.4
155°	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6	1083.2	1055.9
157.5°	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3	1100.2	1081.4
160°	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9	1108.0	1093.0
162.5°	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7	1116.2	1105.4
165°	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5	1128.1	1123.2
167.5°	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8	1137.3	1133.2
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4	1145.1	1144.8
172.5°	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2	1150.3	1152.6
177.5°	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3	1150.8	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6

TEST NUMBER: P935787

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2710.0	2694.8	2694.8	2669.6	2659.4	2651.8	2639.2	2601.3	2591.2	2581.0	2596.2
5°	2732.7	2704.9	2684.7	2639.2	2601.3	2586.1	2538.1	2447.1	2386.4	2340.9	2315.6
7.5°	2737.8	2702.3	2664.5	2593.7	2502.6	2462.2	2315.6	2148.8	2103.3	2062.8	2037.5
10°	2732.7	2692.3	2639.2	2533.0	2318.2	2247.4	2100.8	1992.0	1964.2	1956.6	1964.2
12.5°	2715.0	2677.1	2603.8	2426.9	2126.1	2078.0	1992.0	1928.9	1923.8	1936.4	2004.6
15°	2684.7	2649.3	2563.4	2285.3	2019.9	1984.4	1923.8	1901.1	1928.9	2017.3	2222.1
17.5°	2654.3	2613.9	2507.7	2146.3	1938.9	1913.7	1870.7	1916.2	2073.0	2191.7	2260.0
20°	2613.9	2565.9	2444.6	2045.1	1880.8	1858.0	1837.8	2042.6	2161.4	2204.3	2242.3
22.5°	2565.9	2515.3	2358.6	1974.4	1820.1	1802.5	1815.1	2113.4	2161.4	2191.7	2224.6
25°	2502.6	2459.7	2257.4	1918.7	1772.1	1751.9	1799.9	2105.8	2133.6	2141.2	2206.9
27.5°	2444.6	2388.9	2151.3	1868.2	1713.9	1706.3	1812.5	2073.0	2093.2	2100.8	2171.5
30°	2373.8	2290.3	2032.4	1815.1	1653.3	1650.8	1815.1	2032.4	2027.5	2047.7	2118.4
32.5°	2300.5	2143.7	1898.5	1749.4	1595.2	1592.6	1797.4	1971.8	1966.8	1994.6	2047.7
35°	2232.2	2029.9	1716.5	1673.5	1521.8	1524.4	1754.5	1901.1	1903.6	1928.9	1961.7
37.5°	2161.4	1931.3	1516.8	1590.1	1451.1	1451.1	1696.3	1835.3	1830.2	1837.8	1883.3
40°	2078.0	1777.2	1339.8	1481.4	1385.3	1377.8	1625.5	1764.5	1746.8	1744.3	1807.5
42.5°	1989.5	1607.7	1208.3	1337.3	1309.4	1299.4	1539.5	1678.6	1645.7	1653.3	1734.1
45°	1893.4	1562.3	1107.3	1130.0	1231.2	1223.5	1446.0	1580.0	1557.2	1577.5	1660.8
47.5°	1797.4	1471.3	1074.4	937.8	1147.7	1145.2	1342.3	1483.9	1471.3	1491.5	1580.0
50°	1665.9	1370.2	1071.9	803.9	1054.2	1064.2	1218.5	1390.4	1390.4	1408.0	1501.6
52.5°	1496.6	1246.3	973.3	728.1	945.5	975.8	1109.7	1309.4	1314.5	1332.2	1415.6
55°	1342.3	1117.3	902.5	669.9	816.5	882.3	1003.6	1226.1	1236.1	1253.9	1329.7
57.5°	1200.8	930.3	887.3	601.7	697.7	760.9	910.0	1145.2	1150.2	1165.4	1238.7
60°	1049.1	672.4	814.0	528.4	594.1	642.1	824.1	1049.1	1066.8	1076.9	1140.1
62.5°	877.2	487.9	738.1	477.8	543.5	553.6	753.4	958.1	980.9	988.4	1026.4
65°	624.4	409.6	627.0	434.9	490.4	492.9	677.5	864.5	884.7	897.4	925.3
67.5°	422.2	333.7	477.8	394.3	450.0	452.5	604.2	755.9	783.7	793.8	811.4
70°	293.2	222.5	353.9	351.4	404.5	409.6	525.8	657.3	682.6	690.1	700.3
72.5°	214.8	179.5	293.2	316.0	356.5	361.5	444.9	546.0	571.3	578.9	584.0
75°	164.3	189.6	237.6	275.6	303.4	305.9	364.0	444.9	462.6	467.7	470.2
77.5°	131.5	177.0	174.4	222.5	247.7	242.7	285.7	343.8	359.0	359.0	359.0
80°	98.6	139.0	131.5	159.3	182.0	177.0	204.8	245.2	250.3	255.3	252.8
82.5°	73.3	88.4	88.4	101.1	121.3	116.3	136.6	159.3	159.3	159.3	164.3
85°	45.5	50.6	40.4	53.1	68.2	65.7	75.8	86.0	88.4	88.4	83.5
87.5°	27.8	22.7	12.6	20.2	30.4	30.4	35.4	37.9	35.4	35.4	35.4
90°	20.1	13.9	7.8	13.9	20.1	21.6	34.0	50.5	58.8	52.2	39.1
92.5°	136.2	83.6	31.0	83.6	136.2	149.3	209.9	290.6	331.1	290.1	208.4
95°	266.7	170.5	74.3	170.5	266.7	290.8	516.4	817.3	967.7	863.5	655.2
97.5°	298.2	213.2	128.4	213.2	298.2	319.4	695.6	1197.3	1448.1	1382.2	1250.6
100°	324.2	247.2	170.2	247.2	324.2	343.4	760.8	1317.5	1595.8	1600.6	1610.2
102.5°	349.5	277.6	205.8	277.6	349.5	367.4	790.8	1355.3	1637.5	1721.4	1889.2
105°	387.7	327.0	266.1	327.0	387.7	403.0	812.9	1359.6	1632.9	1821.0	2197.1
107.5°	441.4	384.7	328.0	384.7	441.4	455.6	817.1	1299.1	1540.1	1802.5	2327.1
110°	472.1	420.9	369.7	420.9	472.1	485.0	810.8	1245.4	1462.7	1755.9	2342.5

TEST NUMBER: P935787

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	508.4	459.6	410.8	459.6	508.4	520.6	811.1	1198.6	1392.3	1692.4	2292.7
115°	562.7	517.6	472.6	517.6	562.7	574.0	818.7	1144.9	1308.0	1597.2	2175.5
117.5°	615.5	574.7	533.8	574.7	615.5	625.8	833.9	1111.2	1250.0	1510.9	2032.8
120°	646.3	607.9	569.3	607.9	646.3	656.0	846.2	1099.9	1226.8	1465.2	1942.0
122.5°	681.9	643.0	604.2	643.0	681.9	691.5	864.0	1094.0	1209.0	1423.8	1853.2
125°	728.3	692.9	657.5	692.9	728.3	737.1	888.0	1089.1	1189.7	1372.1	1736.8
127.5°	772.3	736.5	700.8	736.5	772.3	781.3	912.0	1086.3	1173.5	1330.1	1643.3
130°	801.0	762.5	724.0	762.5	801.0	810.6	929.5	1087.9	1167.2	1306.7	1585.4
132.5°	825.0	786.5	748.0	786.5	825.0	834.6	943.7	1089.1	1161.8	1286.6	1536.2
135°	853.7	818.6	783.6	818.6	853.7	862.4	959.1	1088.1	1152.6	1257.1	1466.1
137.5°	889.4	854.7	819.9	854.7	889.4	898.1	982.4	1094.8	1151.0	1239.3	1416.0
140°	914.0	882.1	850.1	882.1	914.0	922.0	996.5	1095.9	1145.6	1221.9	1374.6
142.5°	932.5	902.9	873.3	902.9	932.5	939.8	1008.4	1099.9	1145.6	1212.6	1346.7
145°	960.4	934.6	908.8	934.6	960.4	966.9	1023.9	1099.9	1137.8	1192.7	1302.4
147.5°	994.7	969.6	944.5	969.6	994.7	1001.0	1046.6	1107.5	1137.8	1181.0	1267.3
150°	1013.0	990.4	967.7	990.4	1013.0	1018.7	1058.4	1111.3	1137.8	1174.3	1247.2
152.5°	1026.1	1008.8	991.6	1008.8	1026.1	1030.4	1066.2	1113.9	1137.8	1168.9	1231.2
155°	1052.7	1040.0	1027.3	1040.0	1052.7	1055.9	1083.2	1119.6	1137.8	1162.6	1212.1
157.5°	1078.3	1065.9	1053.6	1065.9	1078.3	1081.4	1100.2	1125.3	1137.8	1157.1	1195.6
160°	1090.6	1081.0	1071.3	1081.0	1090.6	1093.0	1108.0	1127.9	1137.8	1154.4	1187.3
162.5°	1103.6	1096.3	1089.1	1096.3	1103.6	1105.4	1116.2	1130.7	1137.8	1151.8	1179.6
165°	1121.6	1115.0	1108.4	1115.0	1121.6	1123.2	1128.1	1134.5	1137.8	1147.8	1167.8
167.5°	1132.5	1129.4	1126.3	1129.4	1132.5	1133.2	1137.3	1142.8	1145.6	1152.2	1165.2
170°	1144.0	1140.9	1137.8	1140.9	1144.0	1144.8	1145.1	1145.4	1145.6	1152.2	1165.2
172.5°	1145.4	1144.7	1144.0	1144.7	1145.4	1145.6	1145.6	1145.6	1145.6	1150.8	1161.0
175°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.3	1147.2	1145.6	1148.9	1155.5
177.5°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1150.8	1148.3	1147.1	1149.7	1154.9
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6

TEST NUMBER: P935787

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2578.5	2571.0	2581.0	2553.2	2581.0	2571.0	2578.5	2596.2	2581.0	2591.2	2601.3
5°	2262.5	2249.9	2209.4	2176.6	2209.4	2249.9	2262.5	2315.6	2340.9	2386.4	2447.1
7.5°	2022.4	2012.2	2002.2	1981.9	2002.2	2012.2	2022.4	2037.5	2062.8	2103.3	2148.8
10°	1969.3	1971.8	1987.0	1984.4	1987.0	1971.8	1969.3	1964.2	1956.6	1964.2	1992.0
12.5°	2105.8	2128.6	2212.0	2206.9	2212.0	2128.6	2105.8	2004.6	1936.4	1923.8	1928.9
15°	2262.5	2270.1	2287.8	2290.3	2287.8	2270.1	2262.5	2222.1	2017.3	1928.9	1901.1
17.5°	2277.7	2280.2	2292.9	2292.9	2292.9	2280.2	2277.7	2260.0	2191.7	2073.0	1916.2
20°	2265.1	2270.1	2295.4	2300.5	2295.4	2270.1	2265.1	2242.3	2204.3	2161.4	2042.6
22.5°	2260.0	2270.1	2290.3	2287.8	2290.3	2270.1	2260.0	2224.6	2191.7	2161.4	2113.4
25°	2234.7	2234.7	2237.2	2239.8	2237.2	2234.7	2234.7	2206.9	2141.2	2133.6	2105.8
27.5°	2181.6	2186.7	2201.9	2199.4	2201.9	2186.7	2181.6	2171.5	2100.8	2093.2	2073.0
30°	2133.6	2128.6	2115.9	2105.8	2115.9	2128.6	2133.6	2118.4	2047.7	2027.5	2032.4
32.5°	2052.8	2040.1	2027.5	2019.9	2027.5	2040.1	2052.8	2047.7	1994.6	1966.8	1971.8
35°	1956.6	1959.1	1956.6	1949.1	1956.6	1959.1	1956.6	1961.7	1928.9	1903.6	1901.1
37.5°	1888.4	1893.4	1890.9	1880.8	1890.9	1893.4	1888.4	1883.3	1837.8	1830.2	1835.3
40°	1817.6	1820.1	1817.6	1810.0	1817.6	1820.1	1817.6	1807.5	1744.3	1746.8	1764.5
42.5°	1749.4	1746.8	1739.2	1734.1	1739.2	1746.8	1749.4	1734.1	1653.3	1645.7	1678.6
45°	1671.0	1673.5	1658.3	1650.8	1658.3	1673.5	1671.0	1660.8	1577.5	1557.2	1580.0
47.5°	1592.6	1592.6	1580.0	1572.4	1580.0	1592.6	1592.6	1580.0	1491.5	1471.3	1483.9
50°	1509.2	1506.6	1489.0	1486.4	1489.0	1506.6	1509.2	1501.6	1408.0	1390.4	1390.4
52.5°	1413.1	1413.1	1415.6	1420.7	1415.6	1413.1	1413.1	1415.6	1332.2	1314.5	1309.4
55°	1329.7	1332.2	1350.0	1355.0	1350.0	1332.2	1329.7	1329.7	1253.9	1236.1	1226.1
57.5°	1243.8	1243.8	1256.4	1256.4	1256.4	1243.8	1243.8	1238.7	1165.4	1150.2	1145.2
60°	1145.2	1150.2	1160.3	1157.8	1160.3	1150.2	1145.2	1140.1	1076.9	1066.8	1049.1
62.5°	1041.5	1046.6	1049.1	1044.0	1049.1	1046.6	1041.5	1026.4	988.4	980.9	958.1
65°	932.9	937.8	940.4	935.3	940.4	937.8	932.9	925.3	897.4	884.7	864.5
67.5°	821.6	819.0	816.5	826.7	816.5	819.0	821.6	811.4	793.8	783.7	755.9
70°	707.9	707.9	705.3	710.3	705.3	707.9	707.9	700.3	690.1	682.6	657.3
72.5°	586.4	584.0	594.1	586.4	594.1	584.0	586.4	584.0	578.9	571.3	546.0
75°	467.7	472.7	467.7	475.3	467.7	472.7	467.7	470.2	467.7	462.6	444.9
77.5°	356.5	361.5	356.5	356.5	356.5	361.5	356.5	359.0	359.0	359.0	343.8
80°	252.8	250.3	250.3	247.7	250.3	250.3	252.8	252.8	255.3	250.3	245.2
82.5°	161.8	159.3	159.3	164.3	159.3	159.3	161.8	164.3	159.3	159.3	159.3
85°	88.4	91.0	86.0	86.0	86.0	91.0	88.4	83.5	88.4	88.4	86.0
87.5°	32.9	30.4	30.4	30.4	30.4	30.4	32.9	35.4	35.4	35.4	37.9
90°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	39.1	52.2	58.8	50.5
92.5°	147.0	141.1	117.7	94.3	117.7	141.1	147.0	208.4	290.1	331.1	290.6
95°	498.9	481.2	410.4	339.5	410.4	481.2	498.9	655.2	863.5	967.7	817.3
97.5°	1151.8	1118.1	983.4	848.6	983.4	1118.1	1151.8	1250.6	1382.2	1448.1	1197.3
100°	1617.4	1577.3	1416.8	1256.3	1416.8	1577.3	1617.4	1610.2	1600.6	1595.8	1317.5
102.5°	2015.0	1980.6	1843.1	1705.6	1843.1	1980.6	2015.0	1889.2	1721.4	1637.5	1355.3
105°	2479.1	2460.6	2386.7	2312.8	2386.7	2460.6	2479.1	2197.1	1821.0	1632.9	1359.6
107.5°	2720.5	2725.0	2742.8	2760.7	2742.8	2725.0	2720.5	2327.1	1802.5	1540.1	1299.1
110°	2782.4	2801.6	2878.6	2955.6	2878.6	2801.6	2782.4	2342.5	1755.9	1462.7	1245.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2742.9	2772.5	2890.7	3009.0	2890.7	2772.5	2742.9	2292.7	1692.4	1392.3	1198.6
115°	2609.1	2650.2	2814.1	2978.0	2814.1	2650.2	2609.1	2175.5	1597.2	1308.0	1144.9
117.5°	2424.3	2469.7	2651.6	2833.4	2651.6	2469.7	2424.3	2032.8	1510.9	1250.0	1111.2
120°	2299.7	2343.9	2520.6	2697.3	2520.6	2343.9	2299.7	1942.0	1465.2	1226.8	1099.9
122.5°	2175.2	2218.7	2393.0	2567.3	2393.0	2218.7	2175.2	1853.2	1423.8	1209.0	1094.0
125°	2010.4	2050.6	2211.1	2371.7	2211.1	2050.6	2010.4	1736.8	1372.1	1189.7	1089.1
127.5°	1878.2	1912.0	2047.5	2182.9	2047.5	1912.0	1878.2	1643.3	1330.1	1173.5	1086.3
130°	1794.6	1825.9	1951.1	2076.2	1951.1	1825.9	1794.6	1585.4	1306.7	1167.2	1087.9
132.5°	1723.4	1751.4	1863.5	1975.6	1863.5	1751.4	1723.4	1536.2	1286.6	1161.8	1089.1
135°	1622.9	1647.0	1743.6	1840.2	1743.6	1647.0	1622.9	1466.1	1257.1	1152.6	1088.1
137.5°	1548.6	1568.3	1647.4	1726.5	1647.4	1568.3	1548.6	1416.0	1239.3	1151.0	1094.8
140°	1489.0	1507.5	1581.4	1655.4	1581.4	1507.5	1489.0	1374.6	1221.9	1145.6	1095.9
142.5°	1447.3	1463.2	1526.8	1590.4	1526.8	1463.2	1447.3	1346.7	1212.6	1145.6	1099.9
145°	1384.6	1396.7	1444.8	1492.9	1444.8	1396.7	1384.6	1302.4	1192.7	1137.8	1099.9
147.5°	1332.1	1342.0	1382.0	1421.8	1382.0	1342.0	1332.1	1267.3	1181.0	1137.8	1107.5
150°	1301.9	1309.9	1342.3	1374.6	1342.3	1309.9	1301.9	1247.2	1174.3	1137.8	1111.3
152.5°	1277.9	1283.9	1308.3	1332.7	1308.3	1283.9	1277.9	1231.2	1168.9	1137.8	1113.9
155°	1249.3	1253.4	1269.5	1285.6	1269.5	1253.4	1249.3	1212.1	1162.6	1137.8	1119.6
157.5°	1224.5	1227.3	1238.6	1250.0	1238.6	1227.3	1224.5	1195.6	1157.1	1137.8	1125.3
160°	1212.1	1213.7	1220.3	1226.8	1220.3	1213.7	1212.1	1187.3	1154.4	1137.8	1127.9
162.5°	1200.5	1202.1	1208.2	1214.4	1208.2	1202.1	1200.5	1179.6	1151.8	1137.8	1130.7
165°	1182.8	1184.3	1190.9	1197.4	1190.9	1184.3	1182.8	1167.8	1147.8	1137.8	1134.5
167.5°	1175.0	1175.7	1178.4	1181.2	1178.4	1175.7	1175.0	1165.2	1152.2	1145.6	1142.8
170°	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1175.0	1165.2	1152.2	1145.6	1145.4
172.5°	1168.8	1168.2	1165.8	1163.4	1165.8	1168.2	1168.8	1161.0	1150.8	1145.6	1145.6
175°	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1160.3	1155.5	1148.9	1145.6	1147.2
177.5°	1158.7	1158.0	1155.4	1152.6	1155.4	1158.0	1158.7	1154.9	1149.7	1147.1	1148.3
180°	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6	1152.6

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2639.2	2651.8	2659.4	2669.6	2694.8
5°	2538.1	2586.1	2601.3	2639.2	2684.7
7.5°	2315.6	2462.2	2502.6	2593.7	2664.5
10°	2100.8	2247.4	2318.2	2533.0	2639.2
12.5°	1992.0	2078.0	2126.1	2426.9	2603.8
15°	1923.8	1984.4	2019.9	2285.3	2563.4
17.5°	1870.7	1913.7	1938.9	2146.3	2507.7
20°	1837.8	1858.0	1880.8	2045.1	2444.6
22.5°	1815.1	1802.5	1820.1	1974.4	2358.6
25°	1799.9	1751.9	1772.1	1918.7	2257.4
27.5°	1812.5	1706.3	1713.9	1868.2	2151.3
30°	1815.1	1650.8	1653.3	1815.1	2032.4
32.5°	1797.4	1592.6	1595.2	1749.4	1898.5
35°	1754.5	1524.4	1521.8	1673.5	1716.5
37.5°	1696.3	1451.1	1451.1	1590.1	1516.8
40°	1625.5	1377.8	1385.3	1481.4	1339.8
42.5°	1539.5	1299.4	1309.4	1337.3	1208.3
45°	1446.0	1223.5	1231.2	1130.0	1107.3
47.5°	1342.3	1145.2	1147.7	937.8	1074.4
50°	1218.5	1064.2	1054.2	803.9	1071.9
52.5°	1109.7	975.8	945.5	728.1	973.3
55°	1003.6	882.3	816.5	669.9	902.5
57.5°	910.0	760.9	697.7	601.7	887.3
60°	824.1	642.1	594.1	528.4	814.0
62.5°	753.4	553.6	543.5	477.8	738.1
65°	677.5	492.9	490.4	434.9	627.0
67.5°	604.2	452.5	450.0	394.3	477.8
70°	525.8	409.6	404.5	351.4	353.9
72.5°	444.9	361.5	356.5	316.0	293.2
75°	364.0	305.9	303.4	275.6	237.6
77.5°	285.7	242.7	247.7	222.5	174.4
80°	204.8	177.0	182.0	159.3	131.5
82.5°	136.6	116.3	121.3	101.1	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.4	30.4	20.2	12.6
90°	34.0	21.6	20.1	13.9	7.8
92.5°	209.9	149.3	136.2	83.6	31.0
95°	516.4	290.8	266.7	170.5	74.3
97.5°	695.6	319.4	298.2	213.2	128.4
100°	760.8	343.4	324.2	247.2	170.2
102.5°	790.8	367.4	349.5	277.6	205.8
105°	812.9	403.0	387.7	327.0	266.1
107.5°	817.1	455.6	441.4	384.7	328.0
110°	810.8	485.0	472.1	420.9	369.7

TEST NUMBER: P935787

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	811.1	520.6	508.4	459.6	410.8
115°	818.7	574.0	562.7	517.6	472.6
117.5°	833.9	625.8	615.5	574.7	533.8
120°	846.2	656.0	646.3	607.9	569.3
122.5°	864.0	691.5	681.9	643.0	604.2
125°	888.0	737.1	728.3	692.9	657.5
127.5°	912.0	781.3	772.3	736.5	700.8
130°	929.5	810.6	801.0	762.5	724.0
132.5°	943.7	834.6	825.0	786.5	748.0
135°	959.1	862.4	853.7	818.6	783.6
137.5°	982.4	898.1	889.4	854.7	819.9
140°	996.5	922.0	914.0	882.1	850.1
142.5°	1008.4	939.8	932.5	902.9	873.3
145°	1023.9	966.9	960.4	934.6	908.8
147.5°	1046.6	1001.0	994.7	969.6	944.5
150°	1058.4	1018.7	1013.0	990.4	967.7
152.5°	1066.2	1030.4	1026.1	1008.8	991.6
155°	1083.2	1055.9	1052.7	1040.0	1027.3
157.5°	1100.2	1081.4	1078.3	1065.9	1053.6
160°	1108.0	1093.0	1090.6	1081.0	1071.3
162.5°	1116.2	1105.4	1103.6	1096.3	1089.1
165°	1128.1	1123.2	1121.6	1115.0	1108.4
167.5°	1137.3	1133.2	1132.5	1129.4	1126.3
170°	1145.1	1144.8	1144.0	1140.9	1137.8
172.5°	1145.6	1145.6	1145.4	1144.7	1144.0
175°	1150.3	1152.6	1152.6	1152.6	1152.6
177.5°	1150.8	1152.6	1152.6	1152.6	1152.6
180°	1152.6	1152.6	1152.6	1152.6	1152.6

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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	14.37	15.22	15.35	16.20	17.50	17.20	18.04	18.17	19.03	20.33
	3H	14.85	15.61	15.83	16.60	17.92	18.54	19.30	19.52	20.29	21.61
	4H	15.04	15.76	16.04	16.76	18.08	18.98	19.70	19.98	20.70	22.03
	6H	15.16	15.82	16.17	16.82	18.16	19.26	19.92	20.27	20.93	22.27
	8H	15.16	15.79	16.17	16.81	18.14	19.34	19.97	20.35	20.99	22.32
	12H	15.13	15.73	16.15	16.74	18.10	19.38	19.97	20.39	20.99	22.35
4H	2H	15.40	16.12	16.41	17.12	18.45	17.60	18.32	18.61	19.32	20.65
	3H	16.43	17.02	17.44	18.05	19.39	19.11	19.70	20.12	20.73	22.07
	4H	16.70	17.25	17.72	18.27	19.63	19.63	20.18	20.65	21.20	22.56
	6H	16.83	17.30	17.86	18.34	19.70	20.00	20.47	21.03	21.51	22.87
	8H	16.83	17.27	17.87	18.31	19.68	20.10	20.54	21.13	21.58	22.95
	12H	16.80	17.20	17.85	18.25	19.63	20.16	20.55	21.21	21.61	22.99
8H	4H	17.15	17.59	18.19	18.63	20.01	19.76	20.20	20.79	21.23	22.61
	6H	17.42	17.78	18.47	18.86	20.23	20.19	20.55	21.25	21.63	23.01
	8H	17.46	17.78	18.52	18.84	20.23	20.34	20.66	21.41	21.72	23.12
	12H	17.44	17.72	18.51	18.78	20.21	20.44	20.72	21.51	21.78	23.21
12H	4H	17.16	17.56	18.21	18.61	19.99	19.72	20.12	20.77	21.17	22.55
	6H	17.48	17.80	18.54	18.86	20.25	20.19	20.51	21.25	21.57	22.96
	8H	17.54	17.82	18.61	18.88	20.32	20.35	20.63	21.42	21.69	23.12

END OF REPORT