

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: P935793

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935793
REPORT IS A COMBINATION OF REPORTS P933768 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-W2A-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

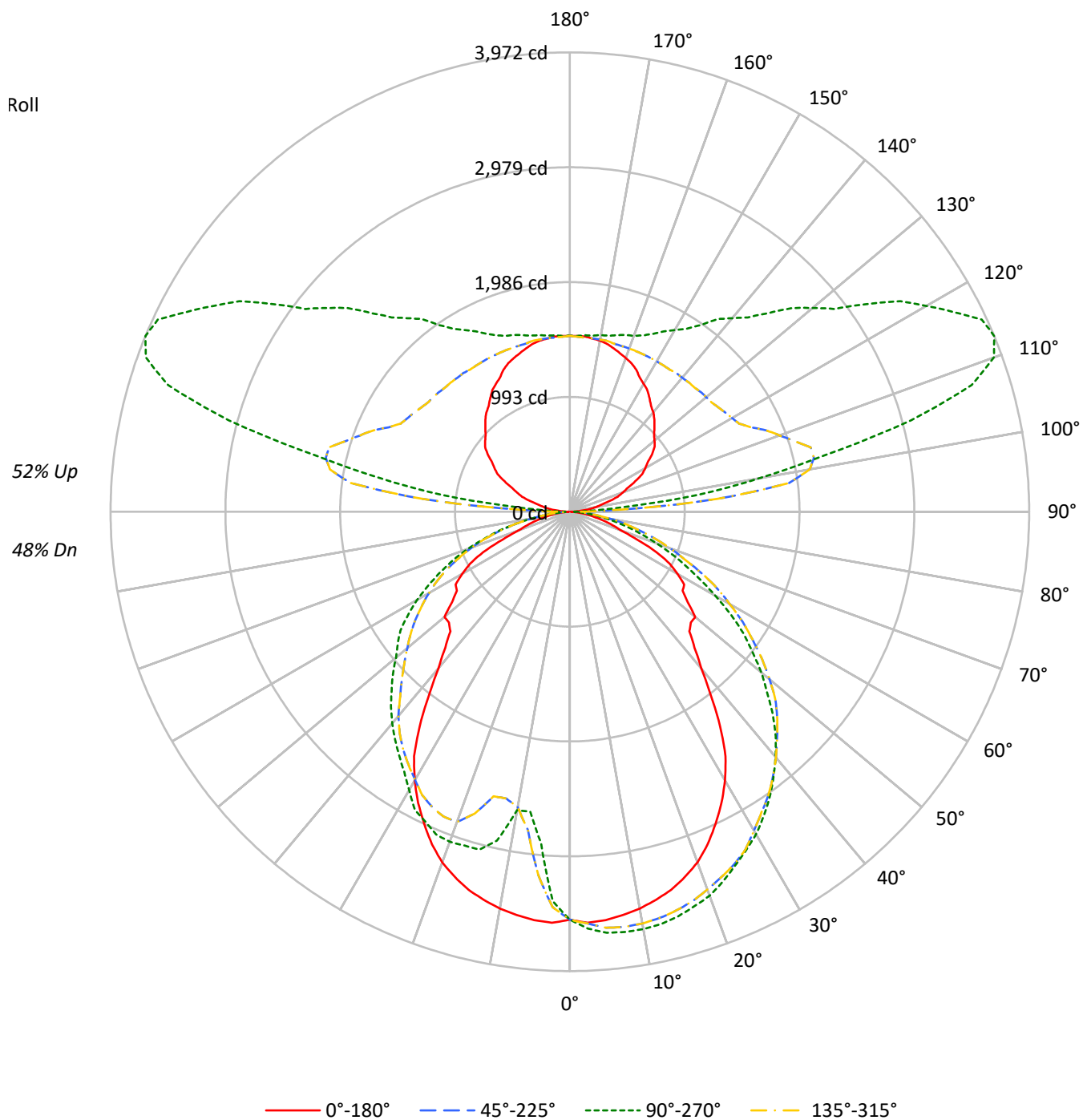
Lumens per Lamp: N/A
Luminaire Lumens: 19013.1 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 150.4
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°	16364	16364	16364	16364
5°	16487	16519	16487	12989
10°	16376	16272	16376	11634
15°	16199	15919	16199	13294
20°	15860	15502	15860	13321
25°	15166	14893	15166	13039
30°	14270	14387	14270	12419
35°	12721	13747	12721	11738
40°	10601	12994	10601	11223
45°	9471	12113	9471	10631
50°	10062	11062	10062	10037
55°	9467	9929	9467	9694
60°	9758	8433	9758	8879
65°	8847	6971	8847	7792
70°	6127	5555	6127	6532
75°	5371	4107	5371	4917
80°	4329	2715	4329	2957
85°	2483	1438	2483	1223

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14516 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	318.4	1.7
10°-20°	904.0	4.8
20°-30°	1397.4	7.3
30°-40°	1668.2	8.8
40°-50°	1678.0	8.8
50°-60°	1460.0	7.7
60°-70°	1035.2	5.4
70°-80°	547.7	2.9
80°-90°	142.2	0.7
90°-100°	741.6	3.9
100°-110°	1949.6	10.3
110°-120°	2021.5	10.6
120°-130°	1621.5	8.5
130°-140°	1272.3	6.7
140°-150°	976.6	5.1
150°-160°	703.3	3.7
160°-170°	430.3	2.3
170°-180°	145.4	0.8
0°-30°	2619.7	13.8
0°-40°	4287.9	22.6
0°-60°	7425.9	39.1
0°-90°	9151.0	48.1
90°-120°	4712.7	24.8
90°-150°	8583.1	45.1
90°-180°	9862.0	51.9
0°-180°	19013.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3527	3527	3527	3527	3527	
5°	3544	3654	3544	2873	3544	336
15°	3384	3620	3384	3023	3384	952
25°	2980	3377	2980	2956	2980	1368
35°	2266	3013	2266	2573	2266	1402
45°	1462	2483	1462	2179	1462	1171
55°	1191	1832	1191	1789	1191	1095
65°	828	1104	828	1235	828	791
75°	314	524	314	627	314	330
85°	53	134	53	114	53	72
90°	10	39	10	39	10	11
95°	98	448	98	448	98	109
105°	351	3053	351	3053	351	372
115°	624	3931	624	3931	624	616
125°	868	3130	868	3130	868	771
135°	1034	2429	1034	2429	1034	800
145°	1200	1970	1200	1970	1200	752
155°	1356	1697	1356	1697	1356	623
165°	1463	1581	1463	1581	1463	413
175°	1521	1532	1521	1532	1521	144
180°	1521	1521	1521	1521	1521	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3557.1	3557.1	3577.1	3583.8	3583.8	3573.9	3563.8	3573.9	3603.8	3613.9	3610.5
5°	3543.8	3570.5	3607.2	3613.9	3620.5	3617.2	3610.5	3617.2	3650.6	3657.3	3660.6
7.5°	3517.1	3567.2	3613.9	3623.8	3633.9	3623.8	3620.5	3627.2	3660.6	3667.2	3667.2
10°	3483.7	3553.8	3607.2	3613.9	3623.8	3613.9	3613.9	3627.2	3660.6	3667.2	3670.6
12.5°	3437.0	3533.7	3583.8	3590.5	3603.8	3600.5	3597.2	3610.5	3643.9	3650.6	3650.6
15°	3383.7	3497.0	3543.8	3550.5	3573.9	3567.2	3567.2	3580.5	3617.2	3627.2	3623.8
17.5°	3310.2	3450.3	3503.8	3513.7	3530.5	3527.1	3530.5	3543.8	3577.1	3583.8	3587.2
20°	3226.8	3386.9	3450.3	3460.4	3477.0	3477.0	3477.0	3493.7	3527.1	3540.4	3540.4
22.5°	3113.3	3320.3	3386.9	3393.6	3413.6	3413.6	3420.3	3443.7	3473.7	3477.0	3477.0
25°	2979.9	3246.8	3303.5	3323.5	3343.5	3353.6	3363.6	3377.0	3386.9	3383.7	3386.9
27.5°	2839.7	3153.3	3226.8	3240.1	3266.8	3276.9	3290.2	3293.5	3296.9	3306.8	3300.1
30°	2682.9	3023.3	3133.3	3146.7	3190.1	3196.7	3183.4	3190.1	3206.8	3213.5	3220.1
32.5°	2506.0	2829.7	3036.6	3066.7	3106.7	3086.7	3083.3	3093.3	3120.0	3120.0	3126.7
35°	2265.7	2679.6	2946.5	2973.2	3003.2	2979.9	2993.2	2996.6	3013.2	3023.3	3019.9
37.5°	2002.2	2549.4	2853.1	2873.1	2896.5	2866.4	2886.4	2896.5	2909.8	2903.1	2903.1
40°	1768.6	2345.8	2743.0	2756.3	2776.3	2752.9	2772.9	2779.6	2786.3	2779.6	2776.3
42.5°	1595.1	2122.3	2626.1	2642.8	2629.5	2646.1	2652.8	2666.1	2656.2	2642.8	2642.8
45°	1461.5	2062.2	2499.3	2519.3	2499.3	2526.0	2536.1	2536.1	2506.0	2499.3	2496.0
47.5°	1418.2	1942.0	2372.5	2372.5	2362.6	2395.9	2412.5	2389.2	2359.2	2349.1	2349.1
50°	1414.8	1808.6	2199.0	2185.7	2232.4	2272.4	2255.8	2232.4	2209.0	2172.4	2172.4
52.5°	1284.7	1645.0	1975.5	2025.5	2098.9	2122.3	2095.5	2072.2	2032.1	2015.5	2002.2
55°	1191.3	1475.0	1771.9	1872.0	1948.7	1978.8	1928.7	1905.3	1845.3	1835.3	1828.6
57.5°	1171.3	1228.0	1585.0	1711.8	1805.3	1801.9	1771.9	1728.6	1678.5	1668.4	1665.2
60°	1074.4	887.6	1384.8	1535.0	1631.7	1621.8	1595.1	1555.0	1508.3	1501.6	1495.0
62.5°	974.4	644.1	1157.9	1328.0	1464.9	1461.5	1438.2	1378.1	1344.8	1328.0	1314.7
65°	827.5	540.6	824.2	1104.5	1301.4	1308.0	1258.0	1214.7	1177.9	1157.9	1154.6
67.5°	630.6	440.4	557.3	921.0	1144.5	1137.8	1074.4	1054.4	1007.8	997.7	977.7
70°	467.2	293.6	387.1	747.5	991.0	974.4	924.3	901.0	857.6	834.3	820.8
72.5°	387.1	236.9	283.7	580.7	834.3	814.2	770.9	744.1	707.5	687.4	674.0
75°	313.6	250.2	216.9	430.5	677.4	664.1	624.0	597.3	567.2	540.6	543.9
77.5°	230.2	233.6	173.5	317.0	537.3	517.3	493.9	460.5	447.2	420.4	420.4
80°	173.5	183.5	130.2	216.9	387.1	387.1	367.1	343.7	320.4	307.0	307.0
82.5°	116.7	116.7	96.7	136.9	263.7	253.6	240.3	233.6	220.3	213.6	213.6
85°	53.3	66.8	60.0	83.4	143.5	150.2	150.2	143.5	140.1	133.5	136.9
87.5°	16.7	30.1	36.7	46.7	73.5	76.7	80.1	80.1	80.1	83.4	83.4
90°	10.3	18.4	26.5	28.6	45.0	66.8	77.6	68.9	51.7	38.7	38.7
92.5°	40.8	110.2	179.7	197.1	277.1	383.7	437.0	383.0	275.0	193.9	186.3
95°	98.0	225.1	352.2	383.9	681.7	1078.8	1277.3	1139.8	864.8	658.5	635.2
97.5°	169.5	281.6	393.7	421.7	918.3	1580.4	1911.4	1824.5	1650.7	1520.3	1475.8
100°	224.6	326.3	427.9	453.4	1004.3	1739.0	2106.4	2112.7	2125.4	2135.0	2082.0
102.5°	271.5	366.4	461.3	485.0	1043.9	1789.0	2161.5	2272.2	2493.7	2659.7	2614.4
105°	351.2	431.6	511.8	531.9	1073.1	1794.6	2155.4	2403.6	2900.0	3272.3	3248.0
107.5°	433.0	507.8	582.6	601.4	1078.5	1714.8	2032.8	2379.1	3071.6	3590.9	3596.8
110°	488.1	555.7	623.3	640.2	1070.4	1644.0	1930.8	2317.9	3092.0	3672.6	3698.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	542.2	606.6	671.1	687.1	1070.7	1582.1	1837.8	2234.0	3026.2	3620.5	3659.5
115°	623.8	683.3	742.7	757.5	1080.6	1511.2	1726.6	2108.2	2871.4	3443.9	3498.0
117.5°	704.5	758.5	812.5	826.0	1100.7	1466.9	1650.0	1994.4	2683.2	3199.9	3259.9
120°	751.4	802.3	853.1	865.8	1116.9	1451.9	1619.3	1934.0	2563.4	3035.5	3093.8
122.5°	797.4	848.7	899.9	912.7	1140.4	1444.0	1595.8	1879.2	2446.1	2871.1	2928.6
125°	867.9	914.6	961.4	973.0	1172.1	1437.6	1570.3	1811.1	2292.5	2653.6	2706.6
127.5°	925.1	972.3	1019.4	1031.3	1203.8	1433.8	1548.9	1755.6	2169.0	2479.0	2523.7
130°	955.6	1006.5	1057.3	1070.0	1226.9	1436.1	1540.7	1724.7	2092.8	2368.8	2410.1
132.5°	987.3	1038.2	1088.9	1101.7	1245.6	1437.6	1533.5	1698.3	2027.7	2274.8	2311.8
135°	1034.3	1080.6	1126.9	1138.4	1266.0	1436.2	1521.3	1659.2	1935.1	2142.1	2173.9
137.5°	1082.2	1128.1	1173.9	1185.4	1296.7	1445.1	1519.2	1635.9	1869.2	2044.1	2070.2
140°	1122.1	1164.3	1206.5	1217.0	1315.4	1446.6	1512.1	1612.9	1814.3	1965.5	1989.8
142.5°	1152.7	1191.8	1230.7	1240.5	1331.0	1451.8	1512.1	1600.6	1777.6	1910.3	1931.3
145°	1199.7	1233.7	1267.8	1276.3	1351.5	1451.8	1501.9	1574.2	1719.1	1827.6	1843.5
147.5°	1246.7	1279.8	1313.0	1321.2	1381.5	1461.7	1501.9	1558.9	1672.7	1758.2	1771.3
150°	1277.3	1307.2	1337.2	1344.7	1397.1	1467.0	1501.9	1550.0	1646.2	1718.4	1729.0
152.5°	1308.9	1331.6	1354.3	1360.0	1407.3	1470.3	1501.9	1543.0	1625.1	1686.8	1694.8
155°	1355.9	1372.7	1389.5	1393.7	1429.8	1477.8	1501.9	1534.6	1600.0	1649.0	1654.3
157.5°	1390.7	1406.9	1423.3	1427.3	1452.2	1485.3	1501.9	1527.3	1578.1	1616.3	1620.0
160°	1414.1	1426.8	1439.6	1442.7	1462.4	1488.8	1501.9	1523.7	1567.2	1599.9	1602.1
162.5°	1437.6	1447.1	1456.6	1459.0	1473.3	1492.3	1501.9	1520.2	1557.0	1584.6	1586.7
165°	1463.1	1471.8	1480.4	1482.5	1489.0	1497.5	1501.9	1515.1	1541.4	1561.1	1563.3
167.5°	1486.6	1490.6	1494.8	1495.8	1501.2	1508.5	1512.1	1520.7	1538.0	1550.9	1551.8
170°	1501.9	1506.0	1510.2	1511.1	1511.4	1511.9	1512.1	1520.7	1538.0	1550.9	1550.9
172.5°	1510.1	1510.9	1511.9	1512.1	1512.1	1512.1	1512.1	1518.9	1532.5	1542.8	1542.0
175°	1521.3	1521.3	1521.3	1521.3	1518.2	1514.2	1512.1	1516.5	1525.0	1531.6	1531.6
177.5°	1521.3	1521.3	1521.3	1521.3	1518.9	1515.8	1514.2	1517.6	1524.4	1529.5	1528.6
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3617.2	3607.2	3617.2	3610.5	3613.9	3603.8	3573.9	3563.8	3573.9	3583.8	3583.8
5°	3660.6	3653.9	3660.6	3660.6	3657.3	3650.6	3617.2	3610.5	3617.2	3620.5	3613.9
7.5°	3673.9	3663.9	3673.9	3667.2	3667.2	3660.6	3627.2	3620.5	3623.8	3633.9	3623.8
10°	3673.9	3663.9	3673.9	3670.6	3667.2	3660.6	3627.2	3613.9	3613.9	3623.8	3613.9
12.5°	3657.3	3650.6	3657.3	3650.6	3650.6	3643.9	3610.5	3597.2	3600.5	3603.8	3590.5
15°	3630.6	3620.5	3630.6	3623.8	3627.2	3617.2	3580.5	3567.2	3567.2	3573.9	3550.5
17.5°	3590.5	3577.1	3590.5	3587.2	3583.8	3577.1	3543.8	3530.5	3527.1	3530.5	3513.7
20°	3543.8	3533.7	3543.8	3540.4	3540.4	3527.1	3493.7	3477.0	3477.0	3477.0	3460.4
22.5°	3470.3	3460.4	3470.3	3477.0	3477.0	3473.7	3443.7	3420.3	3413.6	3413.6	3393.6
25°	3386.9	3377.0	3386.9	3386.9	3383.7	3386.9	3377.0	3363.6	3353.6	3343.5	3323.5
27.5°	3306.8	3300.1	3306.8	3300.1	3306.8	3296.9	3293.5	3290.2	3276.9	3266.8	3240.1
30°	3226.8	3220.1	3226.8	3220.1	3213.5	3206.8	3190.1	3183.4	3196.7	3190.1	3146.7
32.5°	3126.7	3120.0	3126.7	3126.7	3120.0	3120.0	3093.3	3083.3	3086.7	3106.7	3066.7
35°	3023.3	3013.2	3023.3	3019.9	3023.3	3013.2	2996.6	2993.2	2979.9	3003.2	2973.2
37.5°	2903.1	2893.1	2903.1	2903.1	2903.1	2909.8	2896.5	2886.4	2866.4	2896.5	2873.1
40°	2779.6	2766.3	2779.6	2776.3	2779.6	2786.3	2779.6	2772.9	2752.9	2776.3	2756.3
42.5°	2639.5	2636.2	2639.5	2642.8	2642.8	2656.2	2666.1	2652.8	2646.1	2629.5	2642.8
45°	2489.4	2482.6	2489.4	2496.0	2499.3	2506.0	2536.1	2536.1	2526.0	2499.3	2519.3
47.5°	2329.1	2312.5	2329.1	2349.1	2349.1	2359.2	2389.2	2412.5	2395.9	2362.6	2372.5
50°	2158.9	2162.3	2158.9	2172.4	2172.4	2209.0	2232.4	2255.8	2272.4	2232.4	2185.7
52.5°	1992.1	1988.8	1992.1	2002.2	2015.5	2032.1	2072.2	2095.5	2122.3	2098.9	2025.5
55°	1825.3	1832.0	1825.3	1828.6	1835.3	1845.3	1905.3	1928.7	1978.8	1948.7	1872.0
57.5°	1658.5	1648.4	1658.5	1665.2	1668.4	1678.5	1728.6	1771.9	1801.9	1805.3	1711.8
60°	1464.9	1451.6	1464.9	1495.0	1501.6	1508.3	1555.0	1595.1	1621.8	1631.7	1535.0
62.5°	1294.7	1271.3	1294.7	1314.7	1328.0	1344.8	1378.1	1438.2	1461.5	1464.9	1328.0
65°	1114.5	1104.5	1114.5	1154.6	1157.9	1177.9	1214.7	1258.0	1308.0	1301.4	1104.5
67.5°	951.0	951.0	951.0	977.7	997.7	1007.8	1054.4	1074.4	1137.8	1144.5	921.0
70°	800.8	797.5	800.8	820.8	834.3	857.6	901.0	924.3	974.4	991.0	747.5
72.5°	657.4	654.0	657.4	674.0	687.4	707.5	744.1	770.9	814.2	834.3	580.7
75°	530.6	523.9	530.6	543.9	540.6	567.2	597.3	624.0	664.1	677.4	430.5
77.5°	407.1	407.1	407.1	420.4	420.4	447.2	460.5	493.9	517.3	537.3	317.0
80°	303.7	300.3	303.7	307.0	307.0	320.4	343.7	367.1	387.1	387.1	216.9
82.5°	213.6	206.9	213.6	213.6	213.6	220.3	233.6	240.3	253.6	263.7	136.9
85°	133.5	133.5	133.5	136.9	133.5	140.1	143.5	150.2	150.2	143.5	83.4
87.5°	86.8	83.4	86.8	83.4	83.4	80.1	80.1	80.1	76.7	73.5	46.7
90°	38.7	38.7	38.7	38.7	38.7	51.7	68.9	77.6	66.8	45.0	28.6
92.5°	155.4	124.5	155.4	186.3	193.9	275.0	383.0	437.0	383.7	277.1	197.1
95°	541.7	448.2	541.7	635.2	658.5	864.8	1139.8	1277.3	1078.8	681.7	383.9
97.5°	1298.0	1120.1	1298.0	1475.8	1520.3	1650.7	1824.5	1911.4	1580.4	918.3	421.7
100°	1870.0	1658.2	1870.0	2082.0	2135.0	2125.4	2112.7	2106.4	1739.0	1004.3	453.4
102.5°	2432.9	2251.3	2432.9	2614.4	2659.7	2493.7	2272.2	2161.5	1789.0	1043.9	485.0
105°	3150.4	3052.9	3150.4	3248.0	3272.3	2900.0	2403.6	2155.4	1794.6	1073.1	531.9
107.5°	3620.4	3644.0	3620.4	3596.8	3590.9	3071.6	2379.1	2032.8	1714.8	1078.5	601.4
110°	3799.6	3901.3	3799.6	3698.0	3672.6	3092.0	2317.9	1930.8	1644.0	1070.4	640.2

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3815.6	3971.7	3815.6	3659.5	3620.5	3026.2	2234.0	1837.8	1582.1	1070.7	687.1
115°	3714.5	3930.9	3714.5	3498.0	3443.9	2871.4	2108.2	1726.6	1511.2	1080.6	757.5
117.5°	3499.9	3740.0	3499.9	3259.9	3199.9	2683.2	1994.4	1650.0	1466.9	1100.7	826.0
120°	3327.1	3560.2	3327.1	3093.8	3035.5	2563.4	1934.0	1619.3	1451.9	1116.9	865.8
122.5°	3158.7	3388.8	3158.7	2928.6	2871.1	2446.1	1879.2	1595.8	1444.0	1140.4	912.7
125°	2918.6	3130.5	2918.6	2706.6	2653.6	2292.5	1811.1	1570.3	1437.6	1172.1	973.0
127.5°	2702.5	2881.3	2702.5	2523.7	2479.0	2169.0	1755.6	1548.9	1433.8	1203.8	1031.3
130°	2575.2	2740.4	2575.2	2410.1	2368.8	2092.8	1724.7	1540.7	1436.1	1226.9	1070.0
132.5°	2459.8	2607.7	2459.8	2311.8	2274.8	2027.7	1698.3	1533.5	1437.6	1245.6	1101.7
135°	2301.5	2429.0	2301.5	2173.9	2142.1	1935.1	1659.2	1521.3	1436.2	1266.0	1138.4
137.5°	2174.5	2278.9	2174.5	2070.2	2044.1	1869.2	1635.9	1519.2	1445.1	1296.7	1185.4
140°	2087.5	2185.0	2087.5	1989.8	1965.5	1814.3	1612.9	1512.1	1446.6	1315.4	1217.0
142.5°	2015.2	2099.2	2015.2	1931.3	1910.3	1777.6	1600.6	1512.1	1451.8	1331.0	1240.5
145°	1907.0	1970.5	1907.0	1843.5	1827.6	1719.1	1574.2	1501.9	1451.8	1351.5	1276.3
147.5°	1824.0	1876.7	1824.0	1771.3	1758.2	1672.7	1558.9	1501.9	1461.7	1381.5	1321.2
150°	1771.7	1814.3	1771.7	1729.0	1718.4	1646.2	1550.0	1501.9	1467.0	1397.1	1344.7
152.5°	1727.0	1759.2	1727.0	1694.8	1686.8	1625.1	1543.0	1501.9	1470.3	1407.3	1360.0
155°	1675.6	1696.9	1675.6	1654.3	1649.0	1600.0	1534.6	1501.9	1477.8	1429.8	1393.7
157.5°	1635.0	1650.0	1635.0	1620.0	1616.3	1578.1	1527.3	1501.9	1485.3	1452.2	1427.3
160°	1610.6	1619.3	1610.6	1602.1	1599.9	1567.2	1523.7	1501.9	1488.8	1462.4	1442.7
162.5°	1594.9	1603.0	1594.9	1586.7	1584.6	1557.0	1520.2	1501.9	1492.3	1473.3	1459.0
165°	1571.9	1580.6	1571.9	1563.3	1561.1	1541.4	1515.1	1501.9	1497.5	1489.0	1482.5
167.5°	1555.4	1559.1	1555.4	1551.8	1550.9	1538.0	1520.7	1512.1	1508.5	1501.2	1495.8
170°	1550.9	1550.9	1550.9	1550.9	1550.9	1538.0	1520.7	1512.1	1511.9	1511.4	1511.1
172.5°	1538.8	1535.6	1538.8	1542.0	1542.8	1532.5	1518.9	1512.1	1512.1	1512.1	1512.1
175°	1531.6	1531.6	1531.6	1531.6	1531.6	1525.0	1516.5	1512.1	1514.2	1518.2	1521.3
177.5°	1524.9	1521.3	1524.9	1528.6	1529.5	1524.4	1517.6	1514.2	1515.8	1518.9	1521.3
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3577.1	3557.1	3557.1	3523.8	3510.5	3500.4	3483.7	3433.6	3420.3	3406.9	3427.0
5°	3607.2	3570.5	3543.8	3483.7	3433.6	3413.6	3350.2	3230.1	3150.1	3089.9	3056.6
7.5°	3613.9	3567.2	3517.1	3423.7	3303.5	3250.2	3056.6	2836.3	2776.3	2722.9	2689.5
10°	3607.2	3553.8	3483.7	3343.5	3060.0	2966.5	2772.9	2629.5	2592.8	2582.7	2592.8
12.5°	3583.8	3533.7	3437.0	3203.4	2806.4	2743.0	2629.5	2546.0	2539.3	2556.1	2646.1
15°	3543.8	3497.0	3383.7	3016.6	2666.1	2619.5	2539.3	2509.4	2546.0	2662.9	2933.2
17.5°	3503.8	3450.3	3310.2	2833.1	2559.4	2526.0	2469.3	2529.4	2736.2	2893.1	2983.1
20°	3450.3	3386.9	3226.8	2699.6	2482.6	2452.6	2426.0	2696.2	2853.1	2909.8	2959.9
22.5°	3386.9	3320.3	3113.3	2606.1	2402.6	2379.2	2395.9	2789.7	2853.1	2893.1	2936.5
25°	3303.5	3246.8	2979.9	2532.7	2339.2	2312.5	2375.9	2779.6	2816.3	2826.4	2913.1
27.5°	3226.8	3153.3	2839.7	2466.0	2262.4	2252.4	2392.5	2736.2	2763.0	2772.9	2866.4
30°	3133.3	3023.3	2682.9	2395.9	2182.3	2179.0	2395.9	2682.9	2676.2	2702.9	2796.3
32.5°	3036.6	2829.7	2506.0	2309.1	2105.6	2102.3	2372.5	2602.7	2596.1	2632.8	2702.9
35°	2946.5	2679.6	2265.7	2209.0	2008.8	2012.1	2315.8	2509.4	2512.7	2546.0	2589.4
37.5°	2853.1	2549.4	2002.2	2098.9	1915.4	1915.4	2239.0	2422.6	2415.9	2426.0	2486.0
40°	2743.0	2345.8	1768.6	1955.4	1828.6	1818.6	2145.6	2329.1	2305.8	2302.5	2385.9
42.5°	2626.1	2122.3	1595.1	1765.2	1728.6	1715.1	2032.1	2215.7	2172.4	2182.3	2289.1
45°	2499.3	2062.2	1461.5	1491.6	1625.0	1615.1	1908.7	2085.6	2055.5	2082.2	2192.4
47.5°	2372.5	1942.0	1418.2	1238.0	1515.0	1511.6	1771.9	1958.8	1942.0	1968.7	2085.6
50°	2199.0	1808.6	1414.8	1061.1	1391.4	1404.9	1608.4	1835.3	1835.3	1858.6	1982.2
52.5°	1975.5	1645.0	1284.7	961.1	1248.0	1288.0	1464.9	1728.6	1735.2	1758.5	1868.7
55°	1771.9	1475.0	1191.3	884.2	1077.8	1164.6	1324.8	1618.4	1631.7	1655.1	1755.2
57.5°	1585.0	1228.0	1171.3	794.2	921.0	1004.4	1201.2	1511.6	1518.2	1538.4	1635.1
60°	1384.8	887.6	1074.4	697.4	784.2	847.6	1087.9	1384.8	1408.2	1421.5	1504.9
62.5°	1157.9	644.1	974.4	630.6	717.4	730.8	994.4	1264.6	1294.7	1304.8	1354.8
65°	824.2	540.6	827.5	574.0	647.3	650.7	894.3	1141.2	1167.9	1184.6	1221.3
67.5°	557.3	440.4	630.6	520.5	594.0	597.3	797.5	997.7	1034.4	1047.8	1071.2
70°	387.1	293.6	467.2	463.8	533.9	540.6	694.0	867.6	901.0	911.0	924.3
72.5°	283.7	236.9	387.1	417.1	470.5	477.2	587.3	720.8	754.1	764.2	770.9
75°	216.9	250.2	313.6	363.7	400.4	403.8	480.5	587.3	610.6	617.3	620.7
77.5°	173.5	233.6	230.2	293.6	327.1	320.4	377.0	453.9	473.9	473.9	473.9
80°	130.2	183.5	173.5	210.2	240.3	233.6	270.3	323.7	330.3	337.0	333.7
82.5°	96.7	116.7	116.7	133.5	160.1	153.5	180.2	210.2	210.2	210.2	216.9
85°	60.0	66.8	53.3	70.1	90.1	86.8	100.1	113.5	116.7	116.7	110.1
87.5°	36.7	30.1	16.7	26.7	40.0	40.0	46.7	50.1	46.7	46.7	46.7
90°	26.5	18.4	10.3	18.4	26.5	28.6	45.0	66.8	77.6	68.9	51.7
92.5°	179.7	110.2	40.8	110.2	179.7	197.1	277.1	383.7	437.0	383.0	275.0
95°	352.2	225.1	98.0	225.1	352.2	383.9	681.7	1078.8	1277.3	1139.8	864.8
97.5°	393.7	281.6	169.5	281.6	393.7	421.7	918.3	1580.4	1911.4	1824.5	1650.7
100°	427.9	326.3	224.6	326.3	427.9	453.4	1004.3	1739.0	2106.4	2112.7	2125.4
102.5°	461.3	366.4	271.5	366.4	461.3	485.0	1043.9	1789.0	2161.5	2272.2	2493.7
105°	511.8	431.6	351.2	431.6	511.8	531.9	1073.1	1794.6	2155.4	2403.6	2900.0
107.5°	582.6	507.8	433.0	507.8	582.6	601.4	1078.5	1714.8	2032.8	2379.1	3071.6
110°	623.3	555.7	488.1	555.7	623.3	640.2	1070.4	1644.0	1930.8	2317.9	3092.0

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	671.1	606.6	542.2	606.6	671.1	687.1	1070.7	1582.1	1837.8	2234.0	3026.2
115°	742.7	683.3	623.8	683.3	742.7	757.5	1080.6	1511.2	1726.6	2108.2	2871.4
117.5°	812.5	758.5	704.5	758.5	812.5	826.0	1100.7	1466.9	1650.0	1994.4	2683.2
120°	853.1	802.3	751.4	802.3	853.1	865.8	1116.9	1451.9	1619.3	1934.0	2563.4
122.5°	899.9	848.7	797.4	848.7	899.9	912.7	1140.4	1444.0	1595.8	1879.2	2446.1
125°	961.4	914.6	867.9	914.6	961.4	973.0	1172.1	1437.6	1570.3	1811.1	2292.5
127.5°	1019.4	972.3	925.1	972.3	1019.4	1031.3	1203.8	1433.8	1548.9	1755.6	2169.0
130°	1057.3	1006.5	955.6	1006.5	1057.3	1070.0	1226.9	1436.1	1540.7	1724.7	2092.8
132.5°	1088.9	1038.2	987.3	1038.2	1088.9	1101.7	1245.6	1437.6	1533.5	1698.3	2027.7
135°	1126.9	1080.6	1034.3	1080.6	1126.9	1138.4	1266.0	1436.2	1521.3	1659.2	1935.1
137.5°	1173.9	1128.1	1082.2	1128.1	1173.9	1185.4	1296.7	1445.1	1519.2	1635.9	1869.2
140°	1206.5	1164.3	1122.1	1164.3	1206.5	1217.0	1315.4	1446.6	1512.1	1612.9	1814.3
142.5°	1230.7	1191.8	1152.7	1191.8	1230.7	1240.5	1331.0	1451.8	1512.1	1600.6	1777.6
145°	1267.8	1233.7	1199.7	1233.7	1267.8	1276.3	1351.5	1451.8	1501.9	1574.2	1719.1
147.5°	1313.0	1279.8	1246.7	1279.8	1313.0	1321.2	1381.5	1461.7	1501.9	1558.9	1672.7
150°	1337.2	1307.2	1277.3	1307.2	1337.2	1344.7	1397.1	1467.0	1501.9	1550.0	1646.2
152.5°	1354.3	1331.6	1308.9	1331.6	1354.3	1360.0	1407.3	1470.3	1501.9	1543.0	1625.1
155°	1389.5	1372.7	1355.9	1372.7	1389.5	1393.7	1429.8	1477.8	1501.9	1534.6	1600.0
157.5°	1423.3	1406.9	1390.7	1406.9	1423.3	1427.3	1452.2	1485.3	1501.9	1527.3	1578.1
160°	1439.6	1426.8	1414.1	1426.8	1439.6	1442.7	1462.4	1488.8	1501.9	1523.7	1567.2
162.5°	1456.6	1447.1	1437.6	1447.1	1456.6	1459.0	1473.3	1492.3	1501.9	1520.2	1557.0
165°	1480.4	1471.8	1463.1	1471.8	1480.4	1482.5	1489.0	1497.5	1501.9	1515.1	1541.4
167.5°	1494.8	1490.6	1486.6	1490.6	1494.8	1495.8	1501.2	1508.5	1512.1	1520.7	1538.0
170°	1510.2	1506.0	1501.9	1506.0	1510.2	1511.1	1511.4	1511.9	1512.1	1520.7	1538.0
172.5°	1511.9	1510.9	1510.1	1510.9	1511.9	1512.1	1512.1	1512.1	1512.1	1518.9	1532.5
175°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1518.2	1514.2	1512.1	1516.5	1525.0
177.5°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1518.9	1515.8	1514.2	1517.6	1524.4
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3403.7	3393.6	3406.9	3370.2	3406.9	3393.6	3403.7	3427.0	3406.9	3420.3	3433.6
5°	2986.5	2969.8	2916.5	2873.1	2916.5	2969.8	2986.5	3056.6	3089.9	3150.1	3230.1
7.5°	2669.5	2656.2	2642.8	2616.2	2642.8	2656.2	2669.5	2689.5	2722.9	2776.3	2836.3
10°	2599.5	2602.7	2622.8	2619.5	2622.8	2602.7	2599.5	2592.8	2582.7	2592.8	2629.5
12.5°	2779.6	2809.7	2919.7	2913.1	2919.7	2809.7	2779.6	2646.1	2556.1	2539.3	2546.0
15°	2986.5	2996.6	3019.9	3023.3	3019.9	2996.6	2986.5	2933.2	2662.9	2546.0	2509.4
17.5°	3006.5	3009.9	3026.5	3026.5	3026.5	3009.9	3006.5	2983.1	2893.1	2736.2	2529.4
20°	2989.8	2996.6	3029.9	3036.6	3029.9	2996.6	2989.8	2959.9	2909.8	2853.1	2696.2
22.5°	2983.1	2996.6	3023.3	3019.9	3023.3	2996.6	2983.1	2936.5	2893.1	2853.1	2789.7
25°	2949.8	2949.8	2953.2	2956.5	2953.2	2949.8	2949.8	2913.1	2826.4	2816.3	2779.6
27.5°	2879.7	2886.4	2906.4	2903.1	2906.4	2886.4	2879.7	2866.4	2772.9	2763.0	2736.2
30°	2816.3	2809.7	2792.9	2779.6	2792.9	2809.7	2816.3	2796.3	2702.9	2676.2	2682.9
32.5°	2709.5	2692.9	2676.2	2666.1	2676.2	2692.9	2709.5	2702.9	2632.8	2596.1	2602.7
35°	2582.7	2586.1	2582.7	2572.8	2582.7	2586.1	2582.7	2589.4	2546.0	2512.7	2509.4
37.5°	2492.7	2499.3	2496.0	2482.6	2496.0	2499.3	2492.7	2486.0	2426.0	2415.9	2422.6
40°	2399.2	2402.6	2399.2	2389.2	2399.2	2402.6	2399.2	2385.9	2302.5	2305.8	2329.1
42.5°	2309.1	2305.8	2295.8	2289.1	2295.8	2305.8	2309.1	2289.1	2182.3	2172.4	2215.7
45°	2205.7	2209.0	2189.0	2179.0	2189.0	2209.0	2205.7	2192.4	2082.2	2055.5	2085.6
47.5°	2102.3	2102.3	2085.6	2075.5	2085.6	2102.3	2102.3	2085.6	1968.7	1942.0	1958.8
50°	1992.1	1988.8	1965.4	1962.1	1965.4	1988.8	1992.1	1982.2	1858.6	1835.3	1835.3
52.5°	1865.3	1865.3	1868.7	1875.4	1868.7	1865.3	1865.3	1868.7	1758.5	1735.2	1728.6
55°	1755.2	1758.5	1781.9	1788.6	1781.9	1758.5	1755.2	1755.2	1655.1	1631.7	1618.4
57.5°	1641.8	1641.8	1658.5	1658.5	1658.5	1641.8	1641.8	1635.1	1538.4	1518.2	1511.6
60°	1511.6	1518.2	1531.7	1528.3	1531.7	1518.2	1511.6	1504.9	1421.5	1408.2	1384.8
62.5°	1374.8	1381.5	1384.8	1378.1	1384.8	1381.5	1374.8	1354.8	1304.8	1294.7	1264.6
65°	1231.3	1238.0	1241.4	1234.7	1241.4	1238.0	1231.3	1221.3	1184.6	1167.9	1141.2
67.5°	1084.5	1081.1	1077.8	1091.2	1077.8	1081.1	1084.5	1071.2	1047.8	1034.4	997.7
70°	934.3	934.3	931.0	937.7	931.0	934.3	934.3	924.3	911.0	901.0	867.6
72.5°	774.2	770.9	784.2	774.2	784.2	770.9	774.2	770.9	764.2	754.1	720.8
75°	617.3	624.0	617.3	627.3	617.3	624.0	617.3	620.7	617.3	610.6	587.3
77.5°	470.5	477.2	470.5	470.5	470.5	477.2	470.5	473.9	473.9	473.9	453.9
80°	333.7	330.3	330.3	327.1	330.3	330.3	333.7	333.7	337.0	330.3	323.7
82.5°	213.6	210.2	210.2	216.9	210.2	210.2	213.6	216.9	210.2	210.2	210.2
85°	116.7	120.1	113.5	113.5	113.5	120.1	116.7	110.1	116.7	116.7	113.5
87.5°	43.4	40.0	40.0	40.0	40.0	40.0	43.4	46.7	46.7	46.7	50.1
90°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	51.7	68.9	77.6	66.8
92.5°	193.9	186.3	155.4	124.5	155.4	186.3	193.9	275.0	383.0	437.0	383.7
95°	658.5	635.2	541.7	448.2	541.7	635.2	658.5	864.8	1139.8	1277.3	1078.8
97.5°	1520.3	1475.8	1298.0	1120.1	1298.0	1475.8	1520.3	1650.7	1824.5	1911.4	1580.4
100°	2135.0	2082.0	1870.0	1658.2	1870.0	2082.0	2135.0	2125.4	2112.7	2106.4	1739.0
102.5°	2659.7	2614.4	2432.9	2251.3	2432.9	2614.4	2659.7	2493.7	2272.2	2161.5	1789.0
105°	3272.3	3248.0	3150.4	3052.9	3150.4	3248.0	3272.3	2900.0	2403.6	2155.4	1794.6
107.5°	3590.9	3596.8	3620.4	3644.0	3620.4	3596.8	3590.9	3071.6	2379.1	2032.8	1714.8
110°	3672.6	3698.0	3799.6	3901.3	3799.6	3698.0	3672.6	3092.0	2317.9	1930.8	1644.0

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3620.5	3659.5	3815.6	3971.7	3815.6	3659.5	3620.5	3026.2	2234.0	1837.8	1582.1
115°	3443.9	3498.0	3714.5	3930.9	3714.5	3498.0	3443.9	2871.4	2108.2	1726.6	1511.2
117.5°	3199.9	3259.9	3499.9	3740.0	3499.9	3259.9	3199.9	2683.2	1994.4	1650.0	1466.9
120°	3035.5	3093.8	3327.1	3560.2	3327.1	3093.8	3035.5	2563.4	1934.0	1619.3	1451.9
122.5°	2871.1	2928.6	3158.7	3388.8	3158.7	2928.6	2871.1	2446.1	1879.2	1595.8	1444.0
125°	2653.6	2706.6	2918.6	3130.5	2918.6	2706.6	2653.6	2292.5	1811.1	1570.3	1437.6
127.5°	2479.0	2523.7	2702.5	2881.3	2702.5	2523.7	2479.0	2169.0	1755.6	1548.9	1433.8
130°	2368.8	2410.1	2575.2	2740.4	2575.2	2410.1	2368.8	2092.8	1724.7	1540.7	1436.1
132.5°	2274.8	2311.8	2459.8	2607.7	2459.8	2311.8	2274.8	2027.7	1698.3	1533.5	1437.6
135°	2142.1	2173.9	2301.5	2429.0	2301.5	2173.9	2142.1	1935.1	1659.2	1521.3	1436.2
137.5°	2044.1	2070.2	2174.5	2278.9	2174.5	2070.2	2044.1	1869.2	1635.9	1519.2	1445.1
140°	1965.5	1989.8	2087.5	2185.0	2087.5	1989.8	1965.5	1814.3	1612.9	1512.1	1446.6
142.5°	1910.3	1931.3	2015.2	2099.2	2015.2	1931.3	1910.3	1777.6	1600.6	1512.1	1451.8
145°	1827.6	1843.5	1907.0	1970.5	1907.0	1843.5	1827.6	1719.1	1574.2	1501.9	1451.8
147.5°	1758.2	1771.3	1824.0	1876.7	1824.0	1771.3	1758.2	1672.7	1558.9	1501.9	1461.7
150°	1718.4	1729.0	1771.7	1814.3	1771.7	1729.0	1718.4	1646.2	1550.0	1501.9	1467.0
152.5°	1686.8	1694.8	1727.0	1759.2	1727.0	1694.8	1686.8	1625.1	1543.0	1501.9	1470.3
155°	1649.0	1654.3	1675.6	1696.9	1675.6	1654.3	1649.0	1600.0	1534.6	1501.9	1477.8
157.5°	1616.3	1620.0	1635.0	1650.0	1635.0	1620.0	1616.3	1578.1	1527.3	1501.9	1485.3
160°	1599.9	1602.1	1610.6	1619.3	1610.6	1602.1	1599.9	1567.2	1523.7	1501.9	1488.8
162.5°	1584.6	1586.7	1594.9	1603.0	1594.9	1586.7	1584.6	1557.0	1520.2	1501.9	1492.3
165°	1561.1	1563.3	1571.9	1580.6	1571.9	1563.3	1561.1	1541.4	1515.1	1501.9	1497.5
167.5°	1550.9	1551.8	1555.4	1559.1	1555.4	1551.8	1550.9	1538.0	1520.7	1512.1	1508.5
170°	1550.9	1550.9	1550.9	1550.9	1550.9	1550.9	1550.9	1538.0	1520.7	1512.1	1511.9
172.5°	1542.8	1542.0	1538.8	1535.6	1538.8	1542.0	1542.8	1532.5	1518.9	1512.1	1512.1
175°	1531.6	1531.6	1531.6	1531.6	1531.6	1531.6	1531.6	1525.0	1516.5	1512.1	1514.2
177.5°	1529.5	1528.6	1524.9	1521.3	1524.9	1528.6	1529.5	1524.4	1517.6	1514.2	1515.8
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3527.1	3527.1	3527.1	3527.1	3527.1
2.5°	3483.7	3500.4	3510.5	3523.8	3557.1
5°	3350.2	3413.6	3433.6	3483.7	3543.8
7.5°	3056.6	3250.2	3303.5	3423.7	3517.1
10°	2772.9	2966.5	3060.0	3343.5	3483.7
12.5°	2629.5	2743.0	2806.4	3203.4	3437.0
15°	2539.3	2619.5	2666.1	3016.6	3383.7
17.5°	2469.3	2526.0	2559.4	2833.1	3310.2
20°	2426.0	2452.6	2482.6	2699.6	3226.8
22.5°	2395.9	2379.2	2402.6	2606.1	3113.3
25°	2375.9	2312.5	2339.2	2532.7	2979.9
27.5°	2392.5	2252.4	2262.4	2466.0	2839.7
30°	2395.9	2179.0	2182.3	2395.9	2682.9
32.5°	2372.5	2102.3	2105.6	2309.1	2506.0
35°	2315.8	2012.1	2008.8	2209.0	2265.7
37.5°	2239.0	1915.4	1915.4	2098.9	2002.2
40°	2145.6	1818.6	1828.6	1955.4	1768.6
42.5°	2032.1	1715.1	1728.6	1765.2	1595.1
45°	1908.7	1615.1	1625.0	1491.6	1461.5
47.5°	1771.9	1511.6	1515.0	1238.0	1418.2
50°	1608.4	1404.9	1391.4	1061.1	1414.8
52.5°	1464.9	1288.0	1248.0	961.1	1284.7
55°	1324.8	1164.6	1077.8	884.2	1191.3
57.5°	1201.2	1004.4	921.0	794.2	1171.3
60°	1087.9	847.6	784.2	697.4	1074.4
62.5°	994.4	730.8	717.4	630.6	974.4
65°	894.3	650.7	647.3	574.0	827.5
67.5°	797.5	597.3	594.0	520.5	630.6
70°	694.0	540.6	533.9	463.8	467.2
72.5°	587.3	477.2	470.5	417.1	387.1
75°	480.5	403.8	400.4	363.7	313.6
77.5°	377.0	320.4	327.1	293.6	230.2
80°	270.3	233.6	240.3	210.2	173.5
82.5°	180.2	153.5	160.1	133.5	116.7
85°	100.1	86.8	90.1	70.1	53.3
87.5°	46.7	40.0	40.0	26.7	16.7
90°	45.0	28.6	26.5	18.4	10.3
92.5°	277.1	197.1	179.7	110.2	40.8
95°	681.7	383.9	352.2	225.1	98.0
97.5°	918.3	421.7	393.7	281.6	169.5
100°	1004.3	453.4	427.9	326.3	224.6
102.5°	1043.9	485.0	461.3	366.4	271.5
105°	1073.1	531.9	511.8	431.6	351.2
107.5°	1078.5	601.4	582.6	507.8	433.0
110°	1070.4	640.2	623.3	555.7	488.1

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1070.7	687.1	671.1	606.6	542.2
115°	1080.6	757.5	742.7	683.3	623.8
117.5°	1100.7	826.0	812.5	758.5	704.5
120°	1116.9	865.8	853.1	802.3	751.4
122.5°	1140.4	912.7	899.9	848.7	797.4
125°	1172.1	973.0	961.4	914.6	867.9
127.5°	1203.8	1031.3	1019.4	972.3	925.1
130°	1226.9	1070.0	1057.3	1006.5	955.6
132.5°	1245.6	1101.7	1088.9	1038.2	987.3
135°	1266.0	1138.4	1126.9	1080.6	1034.3
137.5°	1296.7	1185.4	1173.9	1128.1	1082.2
140°	1315.4	1217.0	1206.5	1164.3	1122.1
142.5°	1331.0	1240.5	1230.7	1191.8	1152.7
145°	1351.5	1276.3	1267.8	1233.7	1199.7
147.5°	1381.5	1321.2	1313.0	1279.8	1246.7
150°	1397.1	1344.7	1337.2	1307.2	1277.3
152.5°	1407.3	1360.0	1354.3	1331.6	1308.9
155°	1429.8	1393.7	1389.5	1372.7	1355.9
157.5°	1452.2	1427.3	1423.3	1406.9	1390.7
160°	1462.4	1442.7	1439.6	1426.8	1414.1
162.5°	1473.3	1459.0	1456.6	1447.1	1437.6
165°	1489.0	1482.5	1480.4	1471.8	1463.1
167.5°	1501.2	1495.8	1494.8	1490.6	1486.6
170°	1511.4	1511.1	1510.2	1506.0	1501.9
172.5°	1512.1	1512.1	1511.9	1510.9	1510.1
175°	1518.2	1521.3	1521.3	1521.3	1521.3
177.5°	1518.9	1521.3	1521.3	1521.3	1521.3
180°	1521.3	1521.3	1521.3	1521.3	1521.3

TEST NUMBER: P935793

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3000K

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	14.34	15.19	15.32	16.17	17.47	17.18	18.03	18.15	19.01	20.31
	3H	14.82	15.58	15.80	16.57	17.89	18.53	19.28	19.51	20.28	21.60
	4H	15.01	15.73	16.01	16.72	18.05	18.97	19.69	19.97	20.69	22.02
	6H	15.13	15.79	16.14	16.79	18.13	19.26	19.92	20.27	20.92	22.26
	8H	15.13	15.76	16.14	16.78	18.11	19.33	19.96	20.35	20.98	22.32
	12H	15.10	15.70	16.12	16.71	18.07	19.37	19.97	20.39	20.98	22.35
4H	2H	15.38	16.09	16.38	17.09	18.42	17.59	18.30	18.59	19.30	20.63
	3H	16.40	17.00	17.41	18.03	19.37	19.09	19.69	20.11	20.72	22.06
	4H	16.68	17.22	17.70	18.24	19.61	19.62	20.17	20.64	21.19	22.55
	6H	16.80	17.27	17.83	18.31	19.68	19.99	20.46	21.02	21.50	22.86
	8H	16.81	17.24	17.84	18.28	19.66	20.10	20.54	21.13	21.57	22.95
	12H	16.77	17.17	17.82	18.22	19.60	20.15	20.55	21.21	21.60	22.98
8H	4H	17.13	17.57	18.16	18.61	19.98	19.75	20.18	20.78	21.22	22.60
	6H	17.39	17.75	18.45	18.83	20.21	20.18	20.55	21.24	21.63	23.00
	8H	17.43	17.75	18.50	18.82	20.21	20.34	20.66	21.40	21.72	23.11
	12H	17.42	17.70	18.48	18.76	20.19	20.44	20.72	21.50	21.78	23.21
12H	4H	17.14	17.53	18.19	18.58	19.96	19.71	20.11	20.76	21.16	22.54
	6H	17.45	17.77	18.52	18.83	20.23	20.18	20.50	21.24	21.56	22.96
	8H	17.52	17.80	18.59	18.86	20.29	20.34	20.62	21.41	21.68	23.12

END OF REPORT