

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: P935794

Luminaire Tested: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935794
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-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

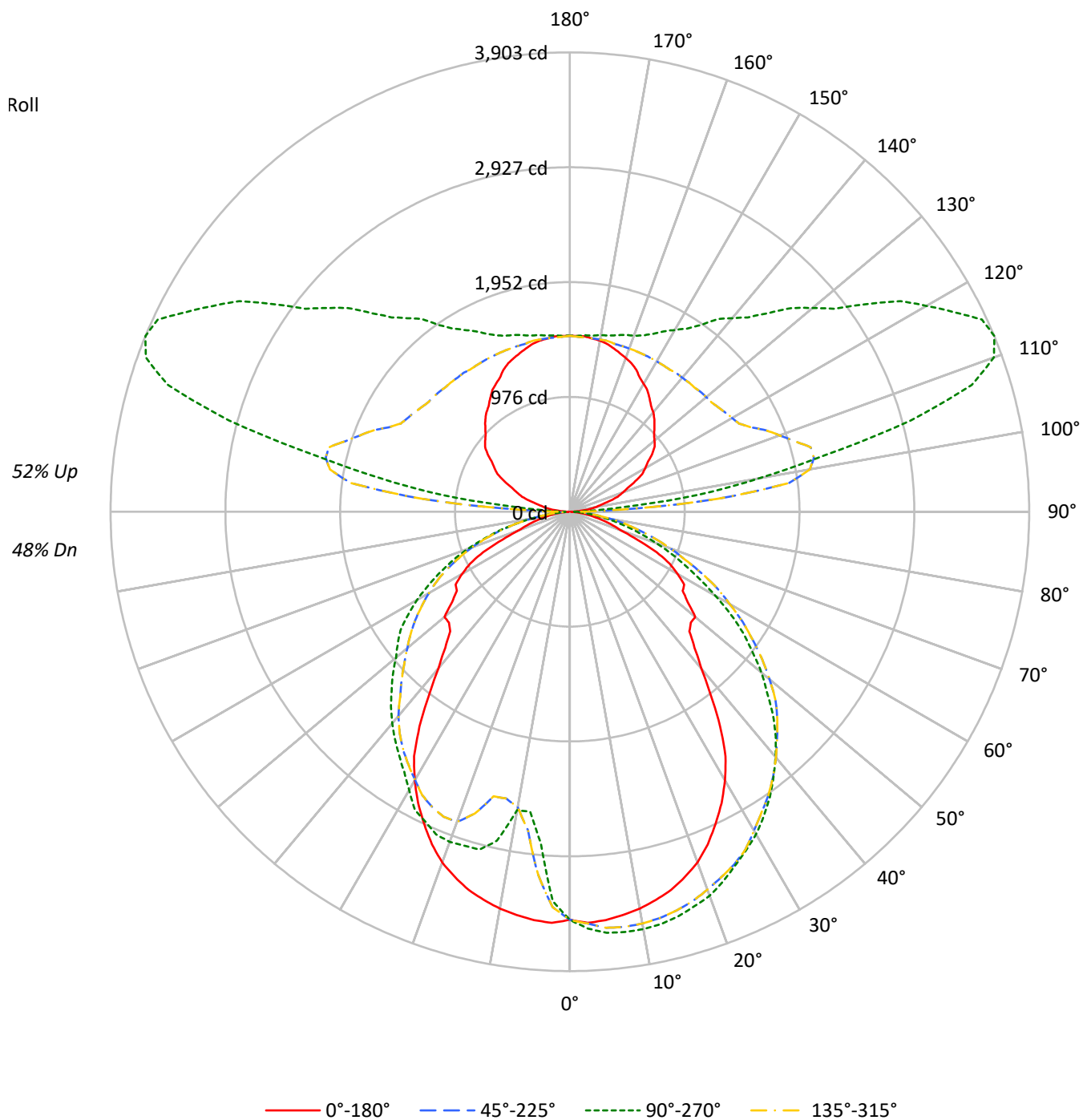
Lumens per Lamp: N/A
Luminaire Lumens: 18685.2 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

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

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

Luminous Intensity Polar Plot



TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16082	16082	16082	16082
5°	16202	16234	16202	12765
10°	16094	15991	16094	11433
15°	15919	15645	15919	13064
20°	15586	15234	15586	13091
25°	14905	14636	14905	12814
30°	14024	14139	14024	12205
35°	12502	13510	12502	11535
40°	10418	12770	10418	11030
45°	9308	11904	9308	10448
50°	9889	10871	9889	9865
55°	9304	9758	9304	9527
60°	9590	8288	9590	8726
65°	8696	6851	8696	7658
70°	6021	5459	6021	6419
75°	5279	4035	5279	4832
80°	4254	2669	4254	2905
85°	2441	1413	2441	1201

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14266 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.9	1.7
10°-20°	888.4	4.8
20°-30°	1373.3	7.3
30°-40°	1639.4	8.8
40°-50°	1649.0	8.8
50°-60°	1434.9	7.7
60°-70°	1017.3	5.4
70°-80°	538.2	2.9
80°-90°	139.8	0.7
90°-100°	728.8	3.9
100°-110°	1916.0	10.3
110°-120°	1986.7	10.6
120°-130°	1593.6	8.5
130°-140°	1250.4	6.7
140°-150°	959.7	5.1
150°-160°	691.2	3.7
160°-170°	422.9	2.3
170°-180°	142.9	0.8
0°-30°	2574.6	13.8
0°-40°	4214.0	22.6
0°-60°	7297.9	39.1
0°-90°	8993.2	48.1
90°-120°	4631.5	24.8
90°-150°	8435.1	45.1
90°-180°	9692.0	51.9
0°-180°	18685.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3466	3466	3466	3466	3466	
5°	3483	3591	3483	2824	3483	330
15°	3325	3558	3325	2971	3325	936
25°	2928	3319	2928	2906	2928	1345
35°	2227	2961	2227	2528	2227	1378
45°	1436	2440	1436	2141	1436	1151
55°	1171	1800	1171	1758	1171	1076
65°	813	1086	813	1213	813	777
75°	308	515	308	616	308	324
85°	52	131	52	112	52	71
90°	10	38	10	38	10	11
95°	96	440	96	440	96	107
105°	345	3000	345	3000	345	366
115°	613	3863	613	3863	613	606
125°	853	3076	853	3076	853	757
135°	1016	2387	1016	2387	1016	786
145°	1179	1936	1179	1936	1179	739
155°	1333	1668	1333	1668	1333	612
165°	1438	1553	1438	1553	1438	406
175°	1495	1505	1495	1505	1495	142
180°	1495	1495	1495	1495	1495	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3495.8	3495.8	3515.4	3522.0	3522.0	3512.2	3502.4	3512.2	3541.7	3551.6	3548.3
5°	3482.7	3508.9	3545.0	3551.6	3558.1	3554.9	3548.3	3554.9	3587.6	3594.2	3597.5
7.5°	3456.4	3505.6	3551.6	3561.4	3571.2	3561.4	3558.1	3564.7	3597.5	3604.0	3604.0
10°	3423.7	3492.6	3545.0	3551.6	3561.4	3551.6	3551.6	3564.7	3597.5	3604.0	3607.3
12.5°	3377.7	3472.8	3522.0	3528.6	3541.7	3538.4	3535.2	3548.3	3581.0	3587.6	3587.6
15°	3325.3	3436.8	3482.7	3489.3	3512.2	3505.6	3505.6	3518.7	3554.9	3564.7	3561.4
17.5°	3253.1	3390.8	3443.3	3453.1	3469.6	3466.3	3469.6	3482.7	3515.4	3522.0	3525.3
20°	3171.1	3328.5	3390.8	3400.7	3417.1	3417.1	3417.1	3433.5	3466.3	3479.4	3479.4
22.5°	3059.6	3263.0	3328.5	3335.1	3354.8	3354.8	3361.4	3384.3	3413.8	3417.1	3417.1
25°	2928.5	3190.8	3246.5	3266.2	3285.9	3295.8	3305.6	3318.7	3328.5	3325.3	3328.5
27.5°	2790.7	3099.0	3171.1	3184.2	3210.5	3220.4	3233.5	3236.8	3240.0	3249.8	3243.2
30°	2636.6	2971.1	3079.3	3092.5	3135.1	3141.6	3128.5	3135.1	3151.5	3158.1	3164.6
32.5°	2462.8	2780.9	2984.2	3013.8	3053.1	3033.5	3030.2	3039.9	3066.2	3066.2	3072.8
35°	2226.7	2633.4	2895.7	2921.9	2951.4	2928.5	2941.6	2944.9	2961.3	2971.1	2967.9
37.5°	1967.7	2505.4	2803.9	2823.6	2846.5	2817.0	2836.7	2846.5	2859.6	2853.0	2853.0
40°	1738.1	2305.3	2695.7	2708.7	2728.4	2705.4	2725.1	2731.7	2738.3	2731.7	2728.4
42.5°	1567.6	2085.7	2580.8	2597.2	2584.1	2600.5	2607.1	2620.2	2610.4	2597.2	2597.2
45°	1436.3	2026.7	2456.2	2475.9	2456.2	2482.5	2492.4	2492.4	2462.8	2456.2	2452.9
47.5°	1393.7	1908.5	2331.6	2331.6	2321.8	2354.6	2370.9	2348.0	2318.5	2308.6	2308.6
50°	1390.4	1777.4	2161.1	2148.0	2193.9	2233.3	2216.9	2193.9	2170.9	2134.9	2134.9
52.5°	1262.5	1616.7	1941.4	1990.6	2062.7	2085.7	2059.4	2036.5	1997.1	1980.7	1967.7
55°	1170.7	1449.5	1741.4	1839.7	1915.1	1944.7	1895.5	1872.5	1813.5	1803.7	1797.1
57.5°	1151.1	1206.8	1557.7	1682.3	1774.1	1770.8	1741.4	1698.8	1649.5	1639.6	1636.4
60°	1055.9	872.3	1361.0	1508.5	1603.6	1593.8	1567.6	1528.2	1482.3	1475.7	1469.2
62.5°	957.6	633.0	1137.9	1305.1	1439.6	1436.3	1413.4	1354.4	1321.6	1305.1	1292.1
65°	813.3	531.3	810.0	1085.5	1279.0	1285.5	1236.3	1193.7	1157.6	1137.9	1134.7
67.5°	619.8	432.9	547.7	905.1	1124.8	1118.2	1055.9	1036.2	990.4	980.5	960.9
70°	459.1	288.6	380.4	734.6	973.9	957.6	908.3	885.5	842.8	819.9	806.7
72.5°	380.4	232.9	278.8	570.6	819.9	800.2	757.6	731.3	695.3	675.6	662.4
75°	308.2	245.9	213.2	423.1	665.7	652.6	613.3	587.0	557.5	531.3	534.5
77.5°	226.3	229.6	170.5	311.5	528.0	508.3	485.4	452.5	439.4	413.2	413.2
80°	170.5	180.3	127.9	213.2	380.4	380.4	360.8	337.8	314.8	301.7	301.7
82.5°	114.7	114.7	95.1	134.5	259.1	249.2	236.1	229.6	216.5	209.9	209.9
85°	52.4	65.6	59.0	82.0	141.0	147.6	147.6	141.0	137.7	131.2	134.5
87.5°	16.4	29.6	36.0	45.9	72.2	75.4	78.7	78.7	78.7	82.0	82.0
90°	10.1	18.1	26.1	28.1	44.2	65.6	76.3	67.7	50.8	38.1	38.1
92.5°	40.1	108.3	176.6	193.7	272.3	377.0	429.5	376.4	270.3	190.6	183.0
95°	96.3	221.2	346.1	377.3	670.0	1060.2	1255.2	1120.2	849.9	647.2	624.2
97.5°	166.6	276.7	386.9	414.4	902.4	1553.1	1878.4	1793.0	1622.2	1494.1	1450.4
100°	220.7	320.6	420.5	445.5	987.0	1709.0	2070.1	2076.3	2088.8	2098.2	2046.1
102.5°	266.9	360.1	453.3	476.7	1025.9	1758.2	2124.2	2233.1	2450.7	2613.9	2569.3
105°	345.2	424.1	503.0	522.8	1054.6	1763.7	2118.2	2362.1	2850.0	3215.9	3192.0
107.5°	425.5	499.0	572.6	591.0	1059.9	1685.2	1997.8	2338.1	3018.6	3529.0	3534.8
110°	479.7	546.1	612.6	629.2	1051.9	1615.6	1897.5	2277.9	3038.7	3609.2	3634.2

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	532.9	596.1	659.5	675.3	1052.2	1554.9	1806.1	2195.5	2974.1	3558.1	3596.4
115°	613.1	671.5	729.9	744.5	1061.9	1485.2	1696.8	2071.8	2821.9	3384.5	3437.7
117.5°	692.4	745.5	798.5	811.7	1081.7	1441.6	1621.5	1960.0	2636.9	3144.7	3203.7
120°	738.5	788.5	838.4	850.9	1097.7	1426.9	1591.4	1900.7	2519.2	2983.2	3040.4
122.5°	783.6	834.0	884.4	897.0	1120.7	1419.1	1568.3	1846.8	2403.9	2821.6	2878.1
125°	852.9	898.8	944.8	956.2	1151.9	1412.8	1543.2	1779.9	2253.0	2607.9	2659.9
127.5°	909.1	955.5	1001.8	1013.5	1183.1	1409.1	1522.2	1725.3	2131.6	2436.3	2480.2
130°	939.2	989.2	1039.1	1051.6	1205.7	1411.3	1514.2	1695.0	2056.7	2327.9	2368.5
132.5°	970.3	1020.3	1070.2	1082.7	1224.1	1412.8	1507.1	1669.0	1992.7	2235.6	2271.9
135°	1016.5	1061.9	1107.5	1118.8	1244.2	1411.4	1495.1	1630.6	1901.8	2105.2	2136.5
137.5°	1063.6	1108.6	1153.7	1164.9	1274.3	1420.2	1493.0	1607.7	1836.9	2008.8	2034.5
140°	1102.7	1144.2	1185.7	1196.0	1292.7	1421.6	1486.1	1585.1	1783.1	1931.6	1955.5
142.5°	1132.9	1171.2	1209.5	1219.1	1308.1	1426.8	1486.1	1573.0	1746.9	1877.3	1898.0
145°	1179.0	1212.4	1245.9	1254.3	1328.2	1426.8	1476.0	1547.1	1689.5	1796.1	1811.7
147.5°	1225.2	1257.8	1290.3	1298.5	1357.7	1436.5	1476.0	1532.0	1643.9	1727.9	1740.8
150°	1255.2	1284.7	1314.2	1321.5	1373.0	1441.7	1476.0	1523.3	1617.8	1688.8	1699.2
152.5°	1286.3	1308.6	1330.9	1336.5	1383.1	1445.0	1476.0	1516.4	1597.1	1657.7	1665.6
155°	1332.6	1349.0	1365.5	1369.7	1405.1	1452.3	1476.0	1508.2	1572.4	1620.6	1625.8
157.5°	1366.7	1382.7	1398.8	1402.7	1427.1	1459.7	1476.0	1501.0	1550.9	1588.4	1592.1
160°	1389.7	1402.2	1414.7	1417.8	1437.2	1463.1	1476.0	1497.4	1540.2	1572.3	1574.4
162.5°	1412.8	1422.1	1431.5	1433.8	1447.9	1466.6	1476.0	1494.0	1530.1	1557.3	1559.3
165°	1437.9	1446.4	1454.9	1457.0	1463.3	1471.7	1476.0	1489.0	1514.8	1534.2	1536.3
167.5°	1461.0	1464.9	1469.0	1470.0	1475.3	1482.5	1486.1	1494.5	1511.4	1524.1	1525.0
170°	1476.0	1480.1	1484.1	1485.1	1485.4	1485.9	1486.1	1494.5	1511.4	1524.1	1524.1
172.5°	1484.0	1484.9	1485.9	1486.1	1486.1	1486.1	1486.1	1492.7	1506.1	1516.2	1515.4
175°	1495.1	1495.1	1495.1	1495.1	1492.1	1488.1	1486.1	1490.3	1498.8	1505.1	1505.1
177.5°	1495.1	1495.1	1495.1	1495.1	1492.7	1489.6	1488.1	1491.4	1498.1	1503.1	1502.2
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3554.9	3545.0	3554.9	3548.3	3551.6	3541.7	3512.2	3502.4	3512.2	3522.0	3522.0
5°	3597.5	3590.9	3597.5	3597.5	3594.2	3587.6	3554.9	3548.3	3554.9	3558.1	3551.6
7.5°	3610.6	3600.7	3610.6	3604.0	3604.0	3597.5	3564.7	3558.1	3561.4	3571.2	3561.4
10°	3610.6	3600.7	3610.6	3607.3	3604.0	3597.5	3564.7	3551.6	3551.6	3561.4	3551.6
12.5°	3594.2	3587.6	3594.2	3587.6	3587.6	3581.0	3548.3	3535.2	3538.4	3541.7	3528.6
15°	3568.0	3558.1	3568.0	3561.4	3564.7	3554.9	3518.7	3505.6	3505.6	3512.2	3489.3
17.5°	3528.6	3515.4	3528.6	3525.3	3522.0	3515.4	3482.7	3469.6	3466.3	3469.6	3453.1
20°	3482.7	3472.8	3482.7	3479.4	3479.4	3466.3	3433.5	3417.1	3417.1	3417.1	3400.7
22.5°	3410.5	3400.7	3410.5	3417.1	3417.1	3413.8	3384.3	3361.4	3354.8	3354.8	3335.1
25°	3328.5	3318.7	3328.5	3328.5	3325.3	3328.5	3318.7	3305.6	3295.8	3285.9	3266.2
27.5°	3249.8	3243.2	3249.8	3243.2	3249.8	3240.0	3236.8	3233.5	3220.4	3210.5	3184.2
30°	3171.1	3164.6	3171.1	3164.6	3158.1	3151.5	3135.1	3128.5	3141.6	3135.1	3092.5
32.5°	3072.8	3066.2	3072.8	3072.8	3066.2	3066.2	3039.9	3030.2	3033.5	3053.1	3013.8
35°	2971.1	2961.3	2971.1	2967.9	2971.1	2961.3	2944.9	2941.6	2928.5	2951.4	2921.9
37.5°	2853.0	2843.2	2853.0	2853.0	2853.0	2859.6	2846.5	2836.7	2817.0	2846.5	2823.6
40°	2731.7	2718.6	2731.7	2728.4	2731.7	2738.3	2731.7	2725.1	2705.4	2728.4	2708.7
42.5°	2594.0	2590.7	2594.0	2597.2	2597.2	2610.4	2620.2	2607.1	2600.5	2584.1	2597.2
45°	2446.4	2439.8	2446.4	2452.9	2456.2	2462.8	2492.4	2492.4	2482.5	2456.2	2475.9
47.5°	2289.0	2272.6	2289.0	2308.6	2308.6	2318.5	2348.0	2370.9	2354.6	2321.8	2331.6
50°	2121.7	2125.0	2121.7	2134.9	2134.9	2170.9	2193.9	2216.9	2233.3	2193.9	2148.0
52.5°	1957.8	1954.5	1957.8	1967.7	1980.7	1997.1	2036.5	2059.4	2085.7	2062.7	1990.6
55°	1793.8	1800.4	1793.8	1797.1	1803.7	1813.5	1872.5	1895.5	1944.7	1915.1	1839.7
57.5°	1629.9	1620.0	1629.9	1636.4	1639.6	1649.5	1698.8	1741.4	1770.8	1774.1	1682.3
60°	1439.6	1426.6	1439.6	1469.2	1475.7	1482.3	1528.2	1567.6	1593.8	1603.6	1508.5
62.5°	1272.4	1249.4	1272.4	1292.1	1305.1	1321.6	1354.4	1413.4	1436.3	1439.6	1305.1
65°	1095.3	1085.5	1095.3	1134.7	1137.9	1157.6	1193.7	1236.3	1285.5	1279.0	1085.5
67.5°	934.6	934.6	934.6	960.9	980.5	990.4	1036.2	1055.9	1118.2	1124.8	905.1
70°	787.0	783.7	787.0	806.7	819.9	842.8	885.5	908.3	957.6	973.9	734.6
72.5°	646.0	642.7	646.0	662.4	675.6	695.3	731.3	757.6	800.2	819.9	570.6
75°	521.4	514.8	521.4	534.5	531.3	557.5	587.0	613.3	652.6	665.7	423.1
77.5°	400.1	400.1	400.1	413.2	413.2	439.4	452.5	485.4	508.3	528.0	311.5
80°	298.5	295.2	298.5	301.7	301.7	314.8	337.8	360.8	380.4	380.4	213.2
82.5°	209.9	203.3	209.9	209.9	209.9	216.5	229.6	236.1	249.2	259.1	134.5
85°	131.2	131.2	131.2	134.5	131.2	137.7	141.0	147.6	147.6	141.0	82.0
87.5°	85.3	82.0	85.3	82.0	82.0	78.7	78.7	78.7	75.4	72.2	45.9
90°	38.1	38.1	38.1	38.1	38.1	50.8	67.7	76.3	65.6	44.2	28.1
92.5°	152.7	122.4	152.7	183.0	190.6	270.3	376.4	429.5	377.0	272.3	193.7
95°	532.4	440.5	532.4	624.2	647.2	849.9	1120.2	1255.2	1060.2	670.0	377.3
97.5°	1275.6	1100.8	1275.6	1450.4	1494.1	1622.2	1793.0	1878.4	1553.1	902.4	414.4
100°	1837.8	1629.6	1837.8	2046.1	2098.2	2088.8	2076.3	2070.1	1709.0	987.0	445.5
102.5°	2390.9	2212.5	2390.9	2569.3	2613.9	2450.7	2233.1	2124.2	1758.2	1025.9	476.7
105°	3096.1	3000.2	3096.1	3192.0	3215.9	2850.0	2362.1	2118.2	1763.7	1054.6	522.8
107.5°	3558.0	3581.1	3558.0	3534.8	3529.0	3018.6	2338.1	1997.8	1685.2	1059.9	591.0
110°	3734.1	3834.0	3734.1	3634.2	3609.2	3038.7	2277.9	1897.5	1615.6	1051.9	629.2

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3749.8	3903.2	3749.8	3596.4	3558.1	2974.1	2195.5	1806.1	1554.9	1052.2	675.3
115°	3650.4	3863.1	3650.4	3437.7	3384.5	2821.9	2071.8	1696.8	1485.2	1061.9	744.5
117.5°	3439.6	3675.5	3439.6	3203.7	3144.7	2636.9	1960.0	1621.5	1441.6	1081.7	811.7
120°	3269.7	3498.9	3269.7	3040.4	2983.2	2519.2	1900.7	1591.4	1426.9	1097.7	850.9
122.5°	3104.3	3330.4	3104.3	2878.1	2821.6	2403.9	1846.8	1568.3	1419.1	1120.7	897.0
125°	2868.2	3076.5	2868.2	2659.9	2607.9	2253.0	1779.9	1543.2	1412.8	1151.9	956.2
127.5°	2655.9	2831.6	2655.9	2480.2	2436.3	2131.6	1725.3	1522.2	1409.1	1183.1	1013.5
130°	2530.8	2693.1	2530.8	2368.5	2327.9	2056.7	1695.0	1514.2	1411.3	1205.7	1051.6
132.5°	2417.4	2562.7	2417.4	2271.9	2235.6	1992.7	1669.0	1507.1	1412.8	1224.1	1082.7
135°	2261.8	2387.1	2261.8	2136.5	2105.2	1901.8	1630.6	1495.1	1411.4	1244.2	1118.8
137.5°	2137.0	2239.6	2137.0	2034.5	2008.8	1836.9	1607.7	1493.0	1420.2	1274.3	1164.9
140°	2051.5	2147.3	2051.5	1955.5	1931.6	1783.1	1585.1	1486.1	1421.6	1292.7	1196.0
142.5°	1980.4	2063.0	1980.4	1898.0	1877.3	1746.9	1573.0	1486.1	1426.8	1308.1	1219.1
145°	1874.1	1936.5	1874.1	1811.7	1796.1	1689.5	1547.1	1476.0	1426.8	1328.2	1254.3
147.5°	1792.6	1844.3	1792.6	1740.8	1727.9	1643.9	1532.0	1476.0	1436.5	1357.7	1298.5
150°	1741.2	1783.1	1741.2	1699.2	1688.8	1617.8	1523.3	1476.0	1441.7	1373.0	1321.5
152.5°	1697.2	1728.9	1697.2	1665.6	1657.7	1597.1	1516.4	1476.0	1445.0	1383.1	1336.5
155°	1646.7	1667.6	1646.7	1625.8	1620.6	1572.4	1508.2	1476.0	1452.3	1405.1	1369.7
157.5°	1606.8	1621.5	1606.8	1592.1	1588.4	1550.9	1501.0	1476.0	1459.7	1427.1	1402.7
160°	1582.9	1591.4	1582.9	1574.4	1572.3	1540.2	1497.4	1476.0	1463.1	1437.2	1417.8
162.5°	1567.4	1575.4	1567.4	1559.3	1557.3	1530.1	1494.0	1476.0	1466.6	1447.9	1433.8
165°	1544.8	1553.3	1544.8	1536.3	1534.2	1514.8	1489.0	1476.0	1471.7	1463.3	1457.0
167.5°	1528.6	1532.2	1528.6	1525.0	1524.1	1511.4	1494.5	1486.1	1482.5	1475.3	1470.0
170°	1524.1	1524.1	1524.1	1524.1	1524.1	1511.4	1494.5	1486.1	1485.9	1485.4	1485.1
172.5°	1512.2	1509.1	1512.2	1515.4	1516.2	1506.1	1492.7	1486.1	1486.1	1486.1	1486.1
175°	1505.1	1505.1	1505.1	1505.1	1505.1	1498.8	1490.3	1486.1	1488.1	1492.1	1495.1
177.5°	1498.7	1495.1	1498.7	1502.2	1503.1	1498.1	1491.4	1488.1	1489.6	1492.7	1495.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3515.4	3495.8	3495.8	3463.0	3449.9	3440.0	3423.7	3374.4	3361.4	3348.2	3368.0
5°	3545.0	3508.9	3482.7	3423.7	3374.4	3354.8	3292.5	3174.4	3095.8	3036.7	3003.9
7.5°	3551.6	3505.6	3456.4	3364.7	3246.5	3194.1	3003.9	2787.4	2728.4	2676.0	2643.1
10°	3545.0	3492.6	3423.7	3285.9	3007.2	2915.3	2725.1	2584.1	2548.1	2538.2	2548.1
12.5°	3522.0	3472.8	3377.7	3148.2	2758.0	2695.7	2584.1	2502.2	2495.6	2512.0	2600.5
15°	3482.7	3436.8	3325.3	2964.6	2620.2	2574.3	2495.6	2466.1	2502.2	2617.0	2882.6
17.5°	3443.3	3390.8	3253.1	2784.2	2515.2	2482.5	2426.8	2485.8	2689.1	2843.2	2931.7
20°	3390.8	3328.5	3171.1	2653.0	2439.8	2410.3	2384.1	2649.7	2803.9	2859.6	2908.8
22.5°	3328.5	3263.0	3059.6	2561.2	2361.2	2338.2	2354.6	2741.6	2803.9	2843.2	2885.9
25°	3246.5	3190.8	2928.5	2489.1	2298.9	2272.6	2334.9	2731.7	2767.8	2777.6	2862.9
27.5°	3171.1	3099.0	2790.7	2423.5	2223.4	2213.6	2351.3	2689.1	2715.3	2725.1	2817.0
30°	3079.3	2971.1	2636.6	2354.6	2144.7	2141.4	2354.6	2636.6	2630.1	2656.3	2748.1
32.5°	2984.2	2780.9	2462.8	2269.3	2069.3	2066.0	2331.6	2557.9	2551.4	2587.4	2656.3
35°	2895.7	2633.4	2226.7	2170.9	1974.1	1977.4	2275.9	2466.1	2469.4	2502.2	2544.8
37.5°	2803.9	2505.4	1967.7	2062.7	1882.4	1882.4	2200.4	2380.8	2374.2	2384.1	2443.1
40°	2695.7	2305.3	1738.1	1921.7	1797.1	1787.2	2108.6	2289.0	2266.0	2262.8	2344.8
42.5°	2580.8	2085.7	1567.6	1734.8	1698.8	1685.6	1997.1	2177.5	2134.9	2144.7	2249.6
45°	2456.2	2026.7	1436.3	1465.9	1597.0	1587.2	1875.8	2049.6	2020.1	2046.3	2154.6
47.5°	2331.6	1908.5	1393.7	1216.7	1488.9	1485.6	1741.4	1925.0	1908.5	1934.8	2049.6
50°	2161.1	1777.4	1390.4	1042.8	1367.5	1380.6	1580.6	1803.7	1803.7	1826.6	1948.0
52.5°	1941.4	1616.7	1262.5	944.5	1226.5	1265.8	1439.6	1698.8	1705.2	1728.2	1836.4
55°	1741.4	1449.5	1170.7	869.0	1059.2	1144.5	1301.9	1590.5	1603.6	1626.6	1724.9
57.5°	1557.7	1206.8	1151.1	780.5	905.1	987.1	1180.5	1485.6	1492.1	1511.8	1606.9
60°	1361.0	872.3	1055.9	685.4	770.6	833.0	1069.1	1361.0	1383.9	1397.0	1479.0
62.5°	1137.9	633.0	957.6	619.8	705.0	718.2	977.2	1242.8	1272.4	1282.3	1331.4
65°	810.0	531.3	813.3	564.1	636.1	639.4	878.9	1121.5	1147.8	1164.2	1200.2
67.5°	547.7	432.9	619.8	511.5	583.7	587.0	783.7	980.5	1016.6	1029.8	1052.7
70°	380.4	288.6	459.1	455.8	524.7	531.3	682.1	852.6	885.5	895.3	908.3
72.5°	278.8	232.9	380.4	409.9	462.4	469.0	577.1	708.3	741.1	751.0	757.6
75°	213.2	245.9	308.2	357.5	393.5	396.8	472.2	577.1	600.1	606.7	610.0
77.5°	170.5	229.6	226.3	288.6	321.4	314.8	370.5	446.0	465.7	465.7	465.7
80°	127.9	180.3	170.5	206.6	236.1	229.6	265.6	318.1	324.6	331.2	327.9
82.5°	95.1	114.7	114.7	131.2	157.4	150.9	177.1	206.6	206.6	206.6	213.2
85°	59.0	65.6	52.4	68.9	88.6	85.3	98.4	111.5	114.7	114.7	108.2
87.5°	36.0	29.6	16.4	26.3	39.3	39.3	45.9	49.2	45.9	45.9	45.9
90°	26.1	18.1	10.1	18.1	26.1	28.1	44.2	65.6	76.3	67.7	50.8
92.5°	176.6	108.3	40.1	108.3	176.6	193.7	272.3	377.0	429.5	376.4	270.3
95°	346.1	221.2	96.3	221.2	346.1	377.3	670.0	1060.2	1255.2	1120.2	849.9
97.5°	386.9	276.7	166.6	276.7	386.9	414.4	902.4	1553.1	1878.4	1793.0	1622.2
100°	420.5	320.6	220.7	320.6	420.5	445.5	987.0	1709.0	2070.1	2076.3	2088.8
102.5°	453.3	360.1	266.9	360.1	453.3	476.7	1025.9	1758.2	2124.2	2233.1	2450.7
105°	503.0	424.1	345.2	424.1	503.0	522.8	1054.6	1763.7	2118.2	2362.1	2850.0
107.5°	572.6	499.0	425.5	499.0	572.6	591.0	1059.9	1685.2	1997.8	2338.1	3018.6
110°	612.6	546.1	479.7	546.1	612.6	629.2	1051.9	1615.6	1897.5	2277.9	3038.7

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	659.5	596.1	532.9	596.1	659.5	675.3	1052.2	1554.9	1806.1	2195.5	2974.1
115°	729.9	671.5	613.1	671.5	729.9	744.5	1061.9	1485.2	1696.8	2071.8	2821.9
117.5°	798.5	745.5	692.4	745.5	798.5	811.7	1081.7	1441.6	1621.5	1960.0	2636.9
120°	838.4	788.5	738.5	788.5	838.4	850.9	1097.7	1426.9	1591.4	1900.7	2519.2
122.5°	884.4	834.0	783.6	834.0	884.4	897.0	1120.7	1419.1	1568.3	1846.8	2403.9
125°	944.8	898.8	852.9	898.8	944.8	956.2	1151.9	1412.8	1543.2	1779.9	2253.0
127.5°	1001.8	955.5	909.1	955.5	1001.8	1013.5	1183.1	1409.1	1522.2	1725.3	2131.6
130°	1039.1	989.2	939.2	989.2	1039.1	1051.6	1205.7	1411.3	1514.2	1695.0	2056.7
132.5°	1070.2	1020.3	970.3	1020.3	1070.2	1082.7	1224.1	1412.8	1507.1	1669.0	1992.7
135°	1107.5	1061.9	1016.5	1061.9	1107.5	1118.8	1244.2	1411.4	1495.1	1630.6	1901.8
137.5°	1153.7	1108.6	1063.6	1108.6	1153.7	1164.9	1274.3	1420.2	1493.0	1607.7	1836.9
140°	1185.7	1144.2	1102.7	1144.2	1185.7	1196.0	1292.7	1421.6	1486.1	1585.1	1783.1
142.5°	1209.5	1171.2	1132.9	1171.2	1209.5	1219.1	1308.1	1426.8	1486.1	1573.0	1746.9
145°	1245.9	1212.4	1179.0	1212.4	1245.9	1254.3	1328.2	1426.8	1476.0	1547.1	1689.5
147.5°	1290.3	1257.8	1225.2	1257.8	1290.3	1298.5	1357.7	1436.5	1476.0	1532.0	1643.9
150°	1314.2	1284.7	1255.2	1284.7	1314.2	1321.5	1373.0	1441.7	1476.0	1523.3	1617.8
152.5°	1330.9	1308.6	1286.3	1308.6	1330.9	1336.5	1383.1	1445.0	1476.0	1516.4	1597.1
155°	1365.5	1349.0	1332.6	1349.0	1365.5	1369.7	1405.1	1452.3	1476.0	1508.2	1572.4
157.5°	1398.8	1382.7	1366.7	1382.7	1398.8	1402.7	1427.1	1459.7	1476.0	1501.0	1550.9
160°	1414.7	1402.2	1389.7	1402.2	1414.7	1417.8	1437.2	1463.1	1476.0	1497.4	1540.2
162.5°	1431.5	1422.1	1412.8	1422.1	1431.5	1433.8	1447.9	1466.6	1476.0	1494.0	1530.1
165°	1454.9	1446.4	1437.9	1446.4	1454.9	1457.0	1463.3	1471.7	1476.0	1489.0	1514.8
167.5°	1469.0	1464.9	1461.0	1464.9	1469.0	1470.0	1475.3	1482.5	1486.1	1494.5	1511.4
170°	1484.1	1480.1	1476.0	1480.1	1484.1	1485.1	1485.4	1485.9	1486.1	1494.5	1511.4
172.5°	1485.9	1484.9	1484.0	1484.9	1485.9	1486.1	1486.1	1486.1	1486.1	1492.7	1506.1
175°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1492.1	1488.1	1486.1	1490.3	1498.8
177.5°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1492.7	1489.6	1488.1	1491.4	1498.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3345.0	3335.1	3348.2	3312.1	3348.2	3335.1	3345.0	3368.0	3348.2	3361.4	3374.4
5°	2935.0	2918.6	2866.2	2823.6	2866.2	2918.6	2935.0	3003.9	3036.7	3095.8	3174.4
7.5°	2623.5	2610.4	2597.2	2571.0	2597.2	2610.4	2623.5	2643.1	2676.0	2728.4	2787.4
10°	2554.7	2557.9	2577.5	2574.3	2577.5	2557.9	2554.7	2548.1	2538.2	2548.1	2584.1
12.5°	2731.7	2761.3	2869.4	2862.9	2869.4	2761.3	2731.7	2600.5	2512.0	2495.6	2502.2
15°	2935.0	2944.9	2967.9	2971.1	2967.9	2944.9	2935.0	2882.6	2617.0	2502.2	2466.1
17.5°	2954.7	2958.0	2974.3	2974.3	2974.3	2958.0	2954.7	2931.7	2843.2	2689.1	2485.8
20°	2938.3	2944.9	2977.6	2984.2	2977.6	2944.9	2938.3	2908.8	2859.6	2803.9	2649.7
22.5°	2931.7	2944.9	2971.1	2967.9	2971.1	2944.9	2931.7	2885.9	2843.2	2803.9	2741.6
25°	2899.0	2899.0	2902.3	2905.5	2902.3	2899.0	2899.0	2862.9	2777.6	2767.8	2731.7
27.5°	2830.1	2836.7	2856.3	2853.0	2856.3	2836.7	2830.1	2817.0	2725.1	2715.3	2689.1
30°	2767.8	2761.3	2744.8	2731.7	2744.8	2761.3	2767.8	2748.1	2656.3	2630.1	2636.6
32.5°	2662.8	2646.4	2630.1	2620.2	2630.1	2646.4	2662.8	2656.3	2587.4	2551.4	2557.9
35°	2538.2	2541.5	2538.2	2528.4	2538.2	2541.5	2538.2	2544.8	2502.2	2469.4	2466.1
37.5°	2449.7	2456.2	2452.9	2439.8	2452.9	2456.2	2449.7	2443.1	2384.1	2374.2	2380.8
40°	2357.9	2361.2	2357.9	2348.0	2357.9	2361.2	2357.9	2344.8	2262.8	2266.0	2289.0
42.5°	2269.3	2266.0	2256.2	2249.6	2256.2	2266.0	2269.3	2249.6	2144.7	2134.9	2177.5
45°	2167.7	2170.9	2151.3	2141.4	2151.3	2170.9	2167.7	2154.6	2046.3	2020.1	2049.6
47.5°	2066.0	2066.0	2049.6	2039.7	2049.6	2066.0	2066.0	2049.6	1934.8	1908.5	1925.0
50°	1957.8	1954.5	1931.5	1928.3	1931.5	1954.5	1957.8	1948.0	1826.6	1803.7	1803.7
52.5°	1833.2	1833.2	1836.4	1843.0	1836.4	1833.2	1833.2	1836.4	1728.2	1705.2	1698.8
55°	1724.9	1728.2	1751.2	1757.8	1751.2	1728.2	1724.9	1724.9	1626.6	1603.6	1590.5
57.5°	1613.5	1613.5	1629.9	1629.9	1629.9	1613.5	1613.5	1606.9	1511.8	1492.1	1485.6
60°	1485.6	1492.1	1505.2	1502.0	1505.2	1492.1	1485.6	1479.0	1397.0	1383.9	1361.0
62.5°	1351.1	1357.7	1361.0	1354.4	1361.0	1357.7	1351.1	1331.4	1282.3	1272.4	1242.8
65°	1210.1	1216.7	1220.0	1213.4	1220.0	1216.7	1210.1	1200.2	1164.2	1147.8	1121.5
67.5°	1065.8	1062.5	1059.2	1072.4	1059.2	1062.5	1065.8	1052.7	1029.8	1016.6	980.5
70°	918.2	918.2	914.9	921.5	914.9	918.2	918.2	908.3	895.3	885.5	852.6
72.5°	760.9	757.6	770.6	760.9	770.6	757.6	760.9	757.6	751.0	741.1	708.3
75°	606.7	613.3	606.7	616.5	606.7	613.3	606.7	610.0	606.7	600.1	577.1
77.5°	462.4	469.0	462.4	462.4	462.4	469.0	462.4	465.7	465.7	465.7	446.0
80°	327.9	324.6	324.6	321.4	324.6	324.6	327.9	327.9	331.2	324.6	318.1
82.5°	209.9	206.6	206.6	213.2	206.6	206.6	209.9	213.2	206.6	206.6	206.6
85°	114.7	118.0	111.5	111.5	111.5	118.0	114.7	108.2	114.7	114.7	111.5
87.5°	42.6	39.3	39.3	39.3	39.3	39.3	42.6	45.9	45.9	45.9	49.2
90°	38.1	38.1	38.1	38.1	38.1	38.1	38.1	50.8	67.7	76.3	65.6
92.5°	190.6	183.0	152.7	122.4	152.7	183.0	190.6	270.3	376.4	429.5	377.0
95°	647.2	624.2	532.4	440.5	532.4	624.2	647.2	849.9	1120.2	1255.2	1060.2
97.5°	1494.1	1450.4	1275.6	1100.8	1275.6	1450.4	1494.1	1622.2	1793.0	1878.4	1553.1
100°	2098.2	2046.1	1837.8	1629.6	1837.8	2046.1	2098.2	2088.8	2076.3	2070.1	1709.0
102.5°	2613.9	2569.3	2390.9	2212.5	2390.9	2569.3	2613.9	2450.7	2233.1	2124.2	1758.2
105°	3215.9	3192.0	3096.1	3000.2	3096.1	3192.0	3215.9	2850.0	2362.1	2118.2	1763.7
107.5°	3529.0	3534.8	3558.0	3581.1	3558.0	3534.8	3529.0	3018.6	2338.1	1997.8	1685.2
110°	3609.2	3634.2	3734.1	3834.0	3734.1	3634.2	3609.2	3038.7	2277.9	1897.5	1615.6

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3558.1	3596.4	3749.8	3903.2	3749.8	3596.4	3558.1	2974.1	2195.5	1806.1	1554.9
115°	3384.5	3437.7	3650.4	3863.1	3650.4	3437.7	3384.5	2821.9	2071.8	1696.8	1485.2
117.5°	3144.7	3203.7	3439.6	3675.5	3439.6	3203.7	3144.7	2636.9	1960.0	1621.5	1441.6
120°	2983.2	3040.4	3269.7	3498.9	3269.7	3040.4	2983.2	2519.2	1900.7	1591.4	1426.9
122.5°	2821.6	2878.1	3104.3	3330.4	3104.3	2878.1	2821.6	2403.9	1846.8	1568.3	1419.1
125°	2607.9	2659.9	2868.2	3076.5	2868.2	2659.9	2607.9	2253.0	1779.9	1543.2	1412.8
127.5°	2436.3	2480.2	2655.9	2831.6	2655.9	2480.2	2436.3	2131.6	1725.3	1522.2	1409.1
130°	2327.9	2368.5	2530.8	2693.1	2530.8	2368.5	2327.9	2056.7	1695.0	1514.2	1411.3
132.5°	2235.6	2271.9	2417.4	2562.7	2417.4	2271.9	2235.6	1992.7	1669.0	1507.1	1412.8
135°	2105.2	2136.5	2261.8	2387.1	2261.8	2136.5	2105.2	1901.8	1630.6	1495.1	1411.4
137.5°	2008.8	2034.5	2137.0	2239.6	2137.0	2034.5	2008.8	1836.9	1607.7	1493.0	1420.2
140°	1931.6	1955.5	2051.5	2147.3	2051.5	1955.5	1931.6	1783.1	1585.1	1486.1	1421.6
142.5°	1877.3	1898.0	1980.4	2063.0	1980.4	1898.0	1877.3	1746.9	1573.0	1486.1	1426.8
145°	1796.1	1811.7	1874.1	1936.5	1874.1	1811.7	1796.1	1689.5	1547.1	1476.0	1426.8
147.5°	1727.9	1740.8	1792.6	1844.3	1792.6	1740.8	1727.9	1643.9	1532.0	1476.0	1436.5
150°	1688.8	1699.2	1741.2	1783.1	1741.2	1699.2	1688.8	1617.8	1523.3	1476.0	1441.7
152.5°	1657.7	1665.6	1697.2	1728.9	1697.2	1665.6	1657.7	1597.1	1516.4	1476.0	1445.0
155°	1620.6	1625.8	1646.7	1667.6	1646.7	1625.8	1620.6	1572.4	1508.2	1476.0	1452.3
157.5°	1588.4	1592.1	1606.8	1621.5	1606.8	1592.1	1588.4	1550.9	1501.0	1476.0	1459.7
160°	1572.3	1574.4	1582.9	1591.4	1582.9	1574.4	1572.3	1540.2	1497.4	1476.0	1463.1
162.5°	1557.3	1559.3	1567.4	1575.4	1567.4	1559.3	1557.3	1530.1	1494.0	1476.0	1466.6
165°	1534.2	1536.3	1544.8	1553.3	1544.8	1536.3	1534.2	1514.8	1489.0	1476.0	1471.7
167.5°	1524.1	1525.0	1528.6	1532.2	1528.6	1525.0	1524.1	1511.4	1494.5	1486.1	1482.5
170°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1511.4	1494.5	1486.1	1485.9
172.5°	1516.2	1515.4	1512.2	1509.1	1512.2	1515.4	1516.2	1506.1	1492.7	1486.1	1486.1
175°	1505.1	1505.1	1505.1	1505.1	1505.1	1505.1	1505.1	1498.8	1490.3	1486.1	1488.1
177.5°	1503.1	1502.2	1498.7	1495.1	1498.7	1502.2	1503.1	1498.1	1491.4	1488.1	1489.6
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3466.3	3466.3	3466.3	3466.3	3466.3
2.5°	3423.7	3440.0	3449.9	3463.0	3495.8
5°	3292.5	3354.8	3374.4	3423.7	3482.7
7.5°	3003.9	3194.1	3246.5	3364.7	3456.4
10°	2725.1	2915.3	3007.2	3285.9	3423.7
12.5°	2584.1	2695.7	2758.0	3148.2	3377.7
15°	2495.6	2574.3	2620.2	2964.6	3325.3
17.5°	2426.8	2482.5	2515.2	2784.2	3253.1
20°	2384.1	2410.3	2439.8	2653.0	3171.1
22.5°	2354.6	2338.2	2361.2	2561.2	3059.6
25°	2334.9	2272.6	2298.9	2489.1	2928.5
27.5°	2351.3	2213.6	2223.4	2423.5	2790.7
30°	2354.6	2141.4	2144.7	2354.6	2636.6
32.5°	2331.6	2066.0	2069.3	2269.3	2462.8
35°	2275.9	1977.4	1974.1	2170.9	2226.7
37.5°	2200.4	1882.4	1882.4	2062.7	1967.7
40°	2108.6	1787.2	1797.1	1921.7	1738.1
42.5°	1997.1	1685.6	1698.8	1734.8	1567.6
45°	1875.8	1587.2	1597.0	1465.9	1436.3
47.5°	1741.4	1485.6	1488.9	1216.7	1393.7
50°	1580.6	1380.6	1367.5	1042.8	1390.4
52.5°	1439.6	1265.8	1226.5	944.5	1262.5
55°	1301.9	1144.5	1059.2	869.0	1170.7
57.5°	1180.5	987.1	905.1	780.5	1151.1
60°	1069.1	833.0	770.6	685.4	1055.9
62.5°	977.2	718.2	705.0	619.8	957.6
65°	878.9	639.4	636.1	564.1	813.3
67.5°	783.7	587.0	583.7	511.5	619.8
70°	682.1	531.3	524.7	455.8	459.1
72.5°	577.1	469.0	462.4	409.9	380.4
75°	472.2	396.8	393.5	357.5	308.2
77.5°	370.5	314.8	321.4	288.6	226.3
80°	265.6	229.6	236.1	206.6	170.5
82.5°	177.1	150.9	157.4	131.2	114.7
85°	98.4	85.3	88.6	68.9	52.4
87.5°	45.9	39.3	39.3	26.3	16.4
90°	44.2	28.1	26.1	18.1	10.1
92.5°	272.3	193.7	176.6	108.3	40.1
95°	670.0	377.3	346.1	221.2	96.3
97.5°	902.4	414.4	386.9	276.7	166.6
100°	987.0	445.5	420.5	320.6	220.7
102.5°	1025.9	476.7	453.3	360.1	266.9
105°	1054.6	522.8	503.0	424.1	345.2
107.5°	1059.9	591.0	572.6	499.0	425.5
110°	1051.9	629.2	612.6	546.1	479.7

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1052.2	675.3	659.5	596.1	532.9
115°	1061.9	744.5	729.9	671.5	613.1
117.5°	1081.7	811.7	798.5	745.5	692.4
120°	1097.7	850.9	838.4	788.5	738.5
122.5°	1120.7	897.0	884.4	834.0	783.6
125°	1151.9	956.2	944.8	898.8	852.9
127.5°	1183.1	1013.5	1001.8	955.5	909.1
130°	1205.7	1051.6	1039.1	989.2	939.2
132.5°	1224.1	1082.7	1070.2	1020.3	970.3
135°	1244.2	1118.8	1107.5	1061.9	1016.5
137.5°	1274.3	1164.9	1153.7	1108.6	1063.6
140°	1292.7	1196.0	1185.7	1144.2	1102.7
142.5°	1308.1	1219.1	1209.5	1171.2	1132.9
145°	1328.2	1254.3	1245.9	1212.4	1179.0
147.5°	1357.7	1298.5	1290.3	1257.8	1225.2
150°	1373.0	1321.5	1314.2	1284.7	1255.2
152.5°	1383.1	1336.5	1330.9	1308.6	1286.3
155°	1405.1	1369.7	1365.5	1349.0	1332.6
157.5°	1427.1	1402.7	1398.8	1382.7	1366.7
160°	1437.2	1417.8	1414.7	1402.2	1389.7
162.5°	1447.9	1433.8	1431.5	1422.1	1412.8
165°	1463.3	1457.0	1454.9	1446.4	1437.9
167.5°	1475.3	1470.0	1469.0	1464.9	1461.0
170°	1485.4	1485.1	1484.1	1480.1	1476.0
172.5°	1486.1	1486.1	1485.9	1484.9	1484.0
175°	1492.1	1495.1	1495.1	1495.1	1495.1
177.5°	1492.7	1495.1	1495.1	1495.1	1495.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1

TEST NUMBER: P935794

CATALOG NUMBER: SQ4-FA-125U-125D-B2750-1D-UNV-W2A-W-8-3500K

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	14.28	15.13	15.26	16.11	17.41	17.12	17.96	18.09	18.95	20.25
	3H	14.76	15.52	15.74	16.51	17.83	18.47	19.22	19.45	20.22	21.54
	4H	14.95	15.66	15.95	16.66	17.99	18.91	19.63	19.91	20.63	21.96
	6H	15.07	15.73	16.07	16.73	18.07	19.20	19.86	20.21	20.86	22.20
	8H	15.07	15.70	16.08	16.72	18.05	19.27	19.90	20.29	20.92	22.26
	12H	15.04	15.63	16.06	16.65	18.01	19.31	19.91	20.33	20.92	22.29
4H	2H	15.31	16.03	16.32	17.03	18.36	17.53	18.24	18.53	19.24	20.57
	3H	16.34	16.94	17.35	17.97	19.31	19.03	19.63	20.05	20.66	22.00
	4H	16.62	17.16	17.64	18.18	19.55	19.56	20.11	20.58	21.13	22.49
	6H	16.74	17.21	17.77	18.25	19.61	19.93	20.40	20.96	21.44	22.80
	8H	16.75	17.18	17.78	18.22	19.60	20.04	20.47	21.07	21.51	22.89
	12H	16.71	17.11	17.76	18.16	19.54	20.09	20.49	21.14	21.54	22.92
8H	4H	17.07	17.51	18.10	18.55	19.92	19.69	20.12	20.72	21.16	22.54
	6H	17.33	17.69	18.39	18.77	20.15	20.12	20.49	21.18	21.56	22.94
	8H	17.37	17.69	18.44	18.76	20.15	20.28	20.60	21.34	21.66	23.05
	12H	17.36	17.64	18.42	18.69	20.13	20.38	20.66	21.44	21.71	23.15
12H	4H	17.07	17.47	18.13	18.52	19.90	19.65	20.05	20.70	21.10	22.48
	6H	17.39	17.71	18.46	18.77	20.17	20.12	20.44	21.18	21.50	22.90
	8H	17.46	17.74	18.52	18.80	20.23	20.28	20.56	21.35	21.62	23.06

END OF REPORT