

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: P933978

Luminaire Tested: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933978
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

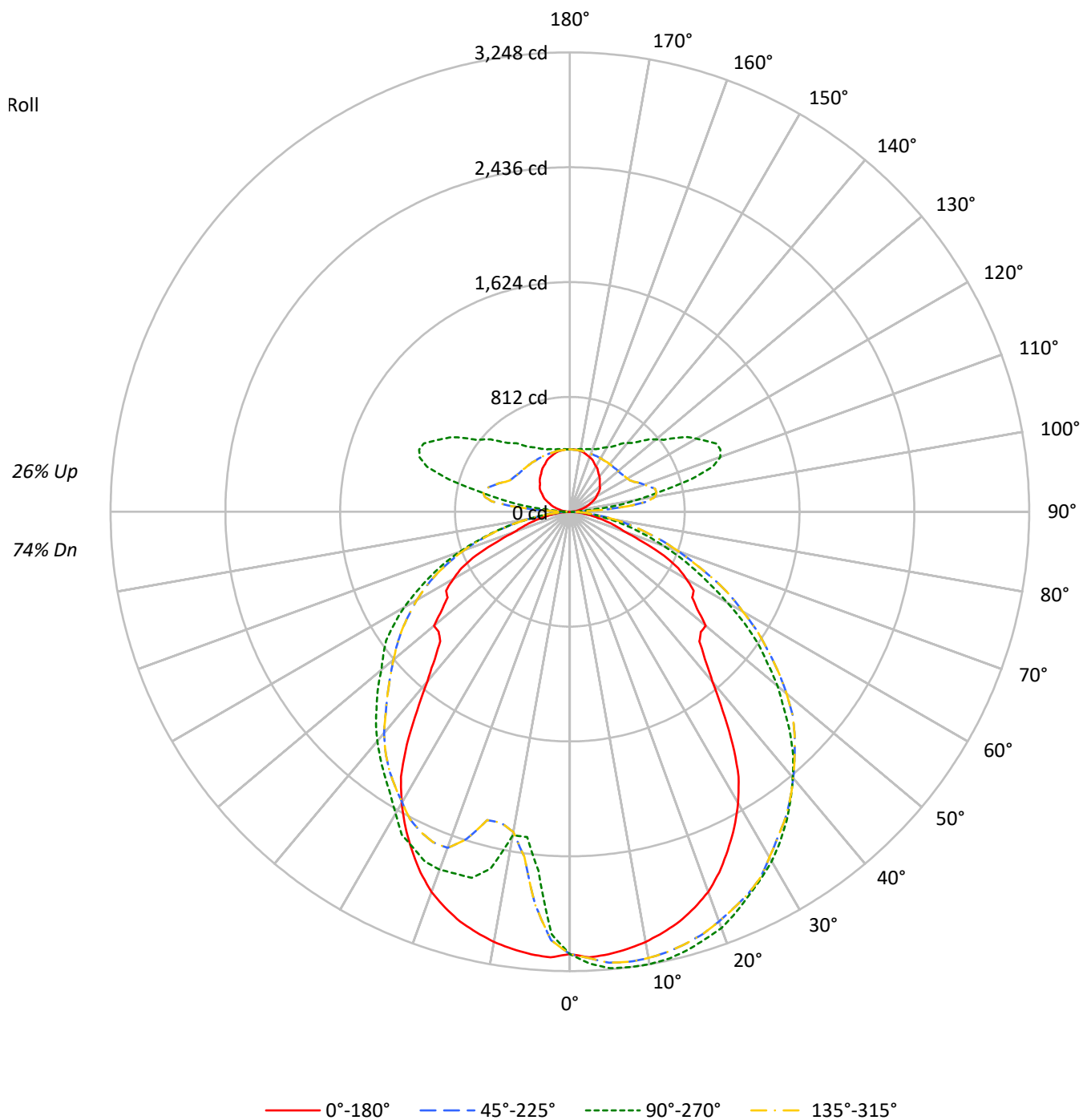
Lumens per Lamp: N/A
Luminaire Lumens: 10970.1 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90
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: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9671	9671	9671	9671
5°	9747	9763	9747	7676
10°	9685	9617	9685	6875
15°	9584	9408	9584	7856
20°	9387	9161	9387	7873
25°	8980	8801	8980	7706
30°	8453	8503	8453	7339
35°	7540	8125	7540	6937
40°	6286	7679	6286	6632
45°	5620	7158	5620	6283
50°	5976	6537	5976	5932
55°	5628	5868	5628	5729
60°	5808	4983	5808	5247
65°	5275	4120	5275	4605
70°	3661	3283	3661	3860
75°	3223	2427	3223	2906
80°	2616	1604	2616	1747
85°	1533	850	1533	723

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8609 cd/sqm

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.2	2.6
10°-20°	801.3	7.3
20°-30°	1238.7	11.3
30°-40°	1478.8	13.5
40°-50°	1487.4	13.6
50°-60°	1294.2	11.8
60°-70°	917.6	8.4
70°-80°	485.5	4.4
80°-90°	122.6	1.1
90°-100°	215.2	2.0
100°-110°	565.7	5.2
110°-120°	586.6	5.3
120°-130°	470.5	4.3
130°-140°	369.2	3.4
140°-150°	283.4	2.6
150°-160°	204.1	1.9
160°-170°	124.9	1.1
170°-180°	42.2	0.4
0°-30°	2322.3	21.2
0°-40°	3801.1	34.6
0°-60°	6582.8	60.0
0°-90°	8108.5	73.9
90°-120°	1367.5	12.5
90°-150°	2490.5	22.7
90°-180°	2862.0	26.1
0°-180°	10970.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3127	3127	3127	3127	3127	
5°	3142	3239	3142	2547	3142	298
15°	3000	3210	3000	2680	3000	844
25°	2642	2994	2642	2621	2642	1213
35°	2008	2671	2008	2281	2008	1243
45°	1296	2201	1296	1932	1296	1038
55°	1056	1624	1056	1586	1056	970
65°	734	979	734	1094	734	701
75°	278	464	278	556	278	292
85°	47	118	47	101	47	64
90°	3	11	3	11	3	4
95°	28	130	28	130	28	32
105°	102	886	102	886	102	108
115°	181	1141	181	1141	181	179
125°	252	908	252	908	252	224
135°	300	705	300	705	300	232
145°	348	572	348	572	348	218
155°	393	492	393	492	393	181
165°	425	459	425	459	425	120
175°	441	444	441	444	441	42
180°	441	441	441	441	441	

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7
2.5°	3153.3	3153.3	3171.1	3177.0	3177.0	3168.1	3159.2	3168.1	3194.7	3203.6	3200.7
5°	3141.5	3165.2	3197.7	3203.6	3209.5	3206.6	3200.7	3206.6	3236.2	3242.1	3245.0
7.5°	3117.8	3162.2	3203.6	3212.5	3221.4	3212.5	3209.5	3215.4	3245.0	3250.9	3250.9
10°	3088.3	3150.4	3197.7	3203.6	3212.5	3203.6	3203.6	3215.4	3245.0	3250.9	3253.9
12.5°	3046.8	3132.6	3177.0	3182.9	3194.7	3191.8	3188.8	3200.7	3230.2	3236.2	3236.2
15°	2999.5	3100.1	3141.5	3147.4	3168.1	3162.2	3162.2	3174.0	3206.6	3215.4	3212.5
17.5°	2934.4	3058.7	3106.0	3114.9	3129.7	3126.7	3129.7	3141.5	3171.1	3177.0	3179.9
20°	2860.5	3002.5	3058.7	3067.5	3082.3	3082.3	3082.3	3097.1	3126.7	3138.5	3138.5
22.5°	2759.9	2943.3	3002.5	3008.4	3026.1	3026.1	3032.0	3052.8	3079.4	3082.3	3082.3
25°	2641.6	2878.2	2928.5	2946.3	2964.0	2972.9	2981.8	2993.6	3002.5	2999.5	3002.5
27.5°	2517.3	2795.4	2860.5	2872.3	2896.0	2904.9	2916.7	2919.6	2922.6	2931.5	2925.6
30°	2378.2	2680.0	2777.7	2789.5	2827.9	2833.9	2822.0	2827.9	2842.7	2848.7	2854.6
32.5°	2221.5	2508.4	2691.9	2718.5	2754.0	2736.2	2733.3	2742.2	2765.8	2765.8	2771.7
35°	2008.5	2375.3	2612.0	2635.7	2662.3	2641.6	2653.4	2656.4	2671.2	2680.0	2677.1
37.5°	1774.8	2259.9	2529.1	2546.8	2567.5	2540.9	2558.7	2567.5	2579.4	2573.5	2573.5
40°	1567.7	2079.5	2431.5	2443.3	2461.1	2440.4	2458.1	2464.0	2469.9	2464.0	2461.1
42.5°	1413.9	1881.3	2327.9	2342.7	2330.9	2345.7	2351.6	2363.4	2354.6	2342.7	2342.7
45°	1295.6	1828.0	2215.5	2233.3	2215.5	2239.2	2248.1	2248.1	2221.5	2215.5	2212.6
47.5°	1257.2	1721.6	2103.1	2103.1	2094.3	2123.8	2138.6	2117.9	2091.3	2082.4	2082.4
50°	1254.2	1603.2	1949.3	1937.5	1978.9	2014.4	1999.6	1978.9	1958.2	1925.7	1925.7
52.5°	1138.8	1458.3	1751.1	1795.5	1860.6	1881.3	1857.6	1836.9	1801.4	1786.6	1774.8
55°	1056.0	1307.4	1570.7	1659.4	1727.5	1754.1	1709.7	1689.0	1635.8	1626.9	1621.0
57.5°	1038.3	1088.5	1405.0	1517.5	1600.3	1597.3	1570.7	1532.2	1487.9	1479.0	1476.0
60°	952.5	786.8	1227.6	1360.7	1446.5	1437.6	1413.9	1378.4	1337.0	1331.1	1325.2
62.5°	863.7	570.9	1026.4	1177.3	1298.6	1295.6	1274.9	1221.7	1192.1	1177.3	1165.5
65°	733.6	479.2	730.6	979.1	1153.6	1159.5	1115.2	1076.7	1044.2	1026.4	1023.5
67.5°	559.1	390.5	494.0	816.4	1014.6	1008.7	952.5	934.7	893.3	884.4	866.7
70°	414.1	260.3	343.1	662.6	878.5	863.7	819.4	798.7	760.2	739.5	727.7
72.5°	343.1	210.0	251.4	514.7	739.5	721.8	683.3	659.6	627.1	609.3	597.5
75°	278.1	221.8	192.3	381.6	600.5	588.6	553.1	529.5	502.9	479.2	482.2
77.5°	204.1	207.1	153.8	281.0	476.2	458.5	437.8	408.2	396.4	372.7	372.7
80°	153.8	162.7	115.4	192.3	343.1	343.1	325.4	304.7	284.0	272.1	272.1
82.5°	103.5	103.5	85.8	121.3	233.7	224.8	213.0	207.1	195.2	189.3	189.3
85°	47.3	59.2	53.2	74.0	127.2	133.1	133.1	127.2	124.2	118.3	121.3
87.5°	14.8	26.6	32.5	41.4	65.1	68.0	71.0	71.0	71.0	74.0	74.0
90°	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0	11.2	11.2
92.5°	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8	56.3	54.0
95°	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9	191.1	184.3
97.5°	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0	441.1	428.2
100°	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7	619.5	604.1
102.5°	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5	771.7	758.5
105°	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5	949.5	942.4
107.5°	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2	1042.0	1043.7
110°	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2	1065.7	1073.1

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1	1050.6	1061.9
115°	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2	999.3	1015.0
117.5°	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6	928.5	946.0
120°	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8	880.8	897.8
122.5°	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7	833.1	849.7
125°	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2	770.0	785.3
127.5°	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4	719.3	732.3
130°	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3	687.3	699.4
132.5°	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4	660.1	670.9
135°	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5	621.6	630.8
137.5°	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3	593.1	600.7
140°	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4	570.3	577.4
142.5°	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8	554.3	560.4
145°	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8	530.3	534.9
147.5°	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4	510.2	514.0
150°	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7	498.6	501.7
152.5°	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6	489.5	491.8
155°	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3	478.5	480.1
157.5°	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9	468.9	470.0
160°	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7	464.2	464.8
162.5°	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8	459.8	460.4
165°	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2	453.0	453.6
167.5°	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3	450.0	450.3
170°	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3	450.0	450.0
172.5°	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7	447.6	447.4
175°	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5	444.4	444.4
177.5°	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3	443.8	443.5
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7
2.5°	3206.6	3197.7	3206.6	3200.7	3203.6	3194.7	3168.1	3159.2	3168.1	3177.0	3177.0
5°	3245.0	3239.1	3245.0	3245.0	3242.1	3236.2	3206.6	3200.7	3206.6	3209.5	3203.6
7.5°	3256.9	3248.0	3256.9	3250.9	3250.9	3245.0	3215.4	3209.5	3212.5	3221.4	3212.5
10°	3256.9	3248.0	3256.9	3253.9	3250.9	3245.0	3215.4	3203.6	3203.6	3212.5	3203.6
12.5°	3242.1	3236.2	3242.1	3236.2	3236.2	3230.2	3200.7	3188.8	3191.8	3194.7	3182.9
15°	3218.4	3209.5	3218.4	3212.5	3215.4	3206.6	3174.0	3162.2	3162.2	3168.1	3147.4
17.5°	3182.9	3171.1	3182.9	3179.9	3177.0	3171.1	3141.5	3129.7	3126.7	3129.7	3114.9
20°	3141.5	3132.6	3141.5	3138.5	3138.5	3126.7	3097.1	3082.3	3082.3	3082.3	3067.5
22.5°	3076.4	3067.5	3076.4	3082.3	3082.3	3079.4	3052.8	3032.0	3026.1	3026.1	3008.4
25°	3002.5	2993.6	3002.5	3002.5	2999.5	3002.5	2993.6	2981.8	2972.9	2964.0	2946.3
27.5°	2931.5	2925.6	2931.5	2925.6	2931.5	2922.6	2919.6	2916.7	2904.9	2896.0	2872.3
30°	2860.5	2854.6	2860.5	2854.6	2848.7	2842.7	2827.9	2822.0	2833.9	2827.9	2789.5
32.5°	2771.7	2765.8	2771.7	2771.7	2765.8	2765.8	2742.2	2733.3	2736.2	2754.0	2718.5
35°	2680.0	2671.2	2680.0	2677.1	2680.0	2671.2	2656.4	2653.4	2641.6	2662.3	2635.7
37.5°	2573.5	2564.6	2573.5	2573.5	2573.5	2579.4	2567.5	2558.7	2540.9	2567.5	2546.8
40°	2464.0	2452.2	2464.0	2461.1	2464.0	2469.9	2464.0	2458.1	2440.4	2461.1	2443.3
42.5°	2339.8	2336.8	2339.8	2342.7	2342.7	2354.6	2363.4	2351.6	2345.7	2330.9	2342.7
45°	2206.7	2200.8	2206.7	2212.6	2215.5	2221.5	2248.1	2248.1	2239.2	2215.5	2233.3
47.5°	2064.7	2049.9	2064.7	2082.4	2082.4	2091.3	2117.9	2138.6	2123.8	2094.3	2103.1
50°	1913.8	1916.8	1913.8	1925.7	1925.7	1958.2	1978.9	1999.6	2014.4	1978.9	1937.5
52.5°	1765.9	1763.0	1765.9	1774.8	1786.6	1801.4	1836.9	1857.6	1881.3	1860.6	1795.5
55°	1618.0	1623.9	1618.0	1621.0	1626.9	1635.8	1689.0	1709.7	1754.1	1727.5	1659.4
57.5°	1470.1	1461.3	1470.1	1476.0	1479.0	1487.9	1532.2	1570.7	1597.3	1600.3	1517.5
60°	1298.6	1286.7	1298.6	1325.2	1331.1	1337.0	1378.4	1413.9	1437.6	1446.5	1360.7
62.5°	1147.7	1127.0	1147.7	1165.5	1177.3	1192.1	1221.7	1274.9	1295.6	1298.6	1177.3
65°	988.0	979.1	988.0	1023.5	1026.4	1044.2	1076.7	1115.2	1159.5	1153.6	979.1
67.5°	843.0	843.0	843.0	866.7	884.4	893.3	934.7	952.5	1008.7	1014.6	816.4
70°	709.9	707.0	709.9	727.7	739.5	760.2	798.7	819.4	863.7	878.5	662.6
72.5°	582.7	579.8	582.7	597.5	609.3	627.1	659.6	683.3	721.8	739.5	514.7
75°	470.3	464.4	470.3	482.2	479.2	502.9	529.5	553.1	588.6	600.5	381.6
77.5°	360.9	360.9	360.9	372.7	372.7	396.4	408.2	437.8	458.5	476.2	281.0
80°	269.2	266.2	269.2	272.1	272.1	284.0	304.7	325.4	343.1	343.1	192.3
82.5°	189.3	183.4	189.3	189.3	189.3	195.2	207.1	213.0	224.8	233.7	121.3
85°	118.3	118.3	118.3	121.3	118.3	124.2	127.2	133.1	133.1	127.2	74.0
87.5°	76.9	74.0	76.9	74.0	74.0	71.0	71.0	71.0	68.0	65.1	41.4
90°	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3	13.0	8.3
92.5°	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3	80.4	57.2
95°	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1	197.8	111.4
97.5°	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6	266.4	122.4
100°	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6	291.5	131.5
102.5°	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1	302.9	140.7
105°	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7	311.4	154.3
107.5°	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5	313.0	174.5
110°	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0	310.6	185.8

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1	310.7	199.4
115°	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5	313.5	219.9
117.5°	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7	319.4	239.7
120°	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2	324.1	251.2
122.5°	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0	330.9	264.8
125°	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2	340.2	282.4
127.5°	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1	349.3	299.3
130°	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7	356.0	310.5
132.5°	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2	361.5	319.7
135°	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8	367.4	330.3
137.5°	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3	376.3	343.9
140°	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7	381.7	353.2
142.5°	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2	386.2	360.0
145°	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2	392.1	370.3
147.5°	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2	400.8	383.4
150°	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7	405.3	390.2
152.5°	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6	408.3	394.6
155°	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8	414.8	404.4
157.5°	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0	421.4	414.2
160°	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0	424.4	418.7
162.5°	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1	427.5	423.4
165°	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5	432.1	430.2
167.5°	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7	435.6	434.0
170°	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7	438.6	438.5
172.5°	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4	440.5	441.4
177.5°	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9	440.7	441.4
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7
2.5°	3171.1	3153.3	3153.3	3123.7	3111.9	3103.0	3088.3	3043.9	3032.0	3020.2	3038.0
5°	3197.7	3165.2	3141.5	3088.3	3043.9	3026.1	2969.9	2863.4	2792.5	2739.2	2709.6
7.5°	3203.6	3162.2	3117.8	3035.0	2928.5	2881.2	2709.6	2514.3	2461.1	2413.7	2384.1
10°	3197.7	3150.4	3088.3	2964.0	2712.6	2629.8	2458.1	2330.9	2298.4	2289.5	2298.4
12.5°	3177.0	3132.6	3046.8	2839.8	2487.7	2431.5	2330.9	2257.0	2251.0	2265.8	2345.7
15°	3141.5	3100.1	2999.5	2674.1	2363.4	2322.0	2251.0	2224.4	2257.0	2360.5	2600.1
17.5°	3106.0	3058.7	2934.4	2511.3	2268.8	2239.2	2188.9	2242.2	2425.6	2564.6	2644.6
20°	3058.7	3002.5	2860.5	2393.0	2200.8	2174.1	2150.5	2390.1	2529.1	2579.4	2623.8
22.5°	3002.5	2943.3	2759.9	2310.2	2129.8	2109.1	2123.8	2472.9	2529.1	2564.6	2603.0
25°	2928.5	2878.2	2641.6	2245.1	2073.6	2049.9	2106.1	2464.0	2496.6	2505.4	2582.3
27.5°	2860.5	2795.4	2517.3	2186.0	2005.5	1996.6	2120.9	2425.6	2449.2	2458.1	2540.9
30°	2777.7	2680.0	2378.2	2123.8	1934.5	1931.6	2123.8	2378.2	2372.3	2396.0	2478.8
32.5°	2691.9	2508.4	2221.5	2046.9	1866.5	1863.5	2103.1	2307.2	2301.3	2333.9	2396.0
35°	2612.0	2375.3	2008.5	1958.2	1780.7	1783.7	2052.9	2224.4	2227.4	2257.0	2295.4
37.5°	2529.1	2259.9	1774.8	1860.6	1697.9	1697.9	1984.8	2147.5	2141.6	2150.5	2203.7
40°	2431.5	2079.5	1567.7	1733.4	1621.0	1612.1	1902.0	2064.7	2044.0	2041.0	2115.0
42.5°	2327.9	1881.3	1413.9	1564.8	1532.2	1520.4	1801.4	1964.1	1925.7	1934.5	2029.2
45°	2215.5	1828.0	1295.6	1322.2	1440.5	1431.7	1692.0	1848.8	1822.1	1845.8	1943.4
47.5°	2103.1	1721.6	1257.2	1097.4	1342.9	1340.0	1570.7	1736.3	1721.6	1745.2	1848.8
50°	1949.3	1603.2	1254.2	940.6	1233.5	1245.3	1425.8	1626.9	1626.9	1647.6	1757.1
52.5°	1751.1	1458.3	1138.8	851.9	1106.3	1141.8	1298.6	1532.2	1538.2	1558.9	1656.5
55°	1570.7	1307.4	1056.0	783.9	955.4	1032.3	1174.3	1434.6	1446.5	1467.2	1555.9
57.5°	1405.0	1088.5	1038.3	704.0	816.4	890.4	1064.9	1340.0	1345.9	1363.6	1449.4
60°	1227.6	786.8	952.5	618.2	695.1	751.3	964.3	1227.6	1248.3	1260.1	1334.1
62.5°	1026.4	570.9	863.7	559.1	636.0	647.8	881.5	1121.1	1147.7	1156.6	1200.9
65°	730.6	479.2	733.6	508.8	573.9	576.8	792.7	1011.6	1035.3	1050.1	1082.6
67.5°	494.0	390.5	559.1	461.4	526.5	529.5	707.0	884.4	917.0	928.8	949.5
70°	343.1	260.3	414.1	411.2	473.3	479.2	615.3	769.1	798.7	807.5	819.4
72.5°	251.4	210.0	343.1	369.8	417.1	423.0	520.6	638.9	668.5	677.4	683.3
75°	192.3	221.8	278.1	322.4	355.0	357.9	426.0	520.6	541.3	547.2	550.2
77.5°	153.8	207.1	204.1	260.3	289.9	284.0	334.3	402.3	420.0	420.0	420.0
80°	115.4	162.7	153.8	186.4	213.0	207.1	239.6	286.9	292.8	298.8	295.8
82.5°	85.8	103.5	103.5	118.3	142.0	136.1	159.7	186.4	186.4	186.4	192.3
85°	53.2	59.2	47.3	62.1	79.9	76.9	88.7	100.6	103.5	103.5	97.6
87.5°	32.5	26.6	14.8	23.7	35.5	35.5	41.4	44.4	41.4	41.4	41.4
90°	7.7	5.3	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0
92.5°	52.2	31.9	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8
95°	102.1	65.3	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9
97.5°	114.3	81.7	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0
100°	124.1	94.7	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7
102.5°	133.8	106.3	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5
105°	148.5	125.2	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5
107.5°	169.1	147.3	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2
110°	180.8	161.2	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	194.7	176.0	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1
115°	215.5	198.3	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2
117.5°	235.8	220.1	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6
120°	247.6	232.8	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8
122.5°	261.1	246.3	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7
125°	279.0	265.4	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2
127.5°	295.8	282.1	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4
130°	306.8	292.1	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3
132.5°	316.0	301.2	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4
135°	327.0	313.5	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5
137.5°	340.6	327.4	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3
140°	350.1	337.8	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4
142.5°	357.1	345.8	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8
145°	367.9	358.0	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8
147.5°	381.0	371.3	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4
150°	388.0	379.3	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7
152.5°	392.9	386.4	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6
155°	403.2	398.2	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3
157.5°	413.0	408.2	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9
160°	417.8	414.0	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7
162.5°	422.7	419.9	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8
165°	429.6	427.0	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2
167.5°	433.7	432.6	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3
170°	438.2	437.0	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3
172.5°	438.7	438.5	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7
175°	441.4	441.4	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5
177.5°	441.4	441.4	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7	3126.7
2.5°	3017.3	3008.4	3020.2	2987.7	3020.2	3008.4	3017.3	3038.0	3020.2	3032.0	3043.9
5°	2647.5	2632.7	2585.3	2546.8	2585.3	2632.7	2647.5	2709.6	2739.2	2792.5	2863.4
7.5°	2366.4	2354.6	2342.7	2319.1	2342.7	2354.6	2366.4	2384.1	2413.7	2461.1	2514.3
10°	2304.3	2307.2	2325.0	2322.0	2325.0	2307.2	2304.3	2298.4	2289.5	2298.4	2330.9
12.5°	2464.0	2490.6	2588.2	2582.3	2588.2	2490.6	2464.0	2345.7	2265.8	2251.0	2257.0
15°	2647.5	2656.4	2677.1	2680.0	2677.1	2656.4	2647.5	2600.1	2360.5	2257.0	2224.4
17.5°	2665.3	2668.2	2683.0	2683.0	2683.0	2668.2	2665.3	2644.6	2564.6	2425.6	2242.2
20°	2650.5	2656.4	2686.0	2691.9	2686.0	2656.4	2650.5	2623.8	2579.4	2529.1	2390.1
22.5°	2644.6	2656.4	2680.0	2677.1	2680.0	2656.4	2644.6	2603.0	2564.6	2529.1	2472.9
25°	2615.0	2615.0	2617.9	2620.9	2617.9	2615.0	2615.0	2582.3	2505.4	2496.6	2464.0
27.5°	2552.8	2558.7	2576.4	2573.5	2576.4	2558.7	2552.8	2540.9	2458.1	2449.2	2425.6
30°	2496.6	2490.6	2475.8	2464.0	2475.8	2490.6	2496.6	2478.8	2396.0	2372.3	2378.2
32.5°	2401.9	2387.1	2372.3	2363.4	2372.3	2387.1	2401.9	2396.0	2333.9	2301.3	2307.2
35°	2289.5	2292.4	2289.5	2280.6	2289.5	2292.4	2289.5	2295.4	2257.0	2227.4	2224.4
37.5°	2209.6	2215.5	2212.6	2200.8	2212.6	2215.5	2209.6	2203.7	2150.5	2141.6	2147.5
40°	2126.8	2129.8	2126.8	2117.9	2126.8	2129.8	2126.8	2115.0	2041.0	2044.0	2064.7
42.5°	2046.9	2044.0	2035.1	2029.2	2035.1	2044.0	2046.9	2029.2	1934.5	1925.7	1964.1
45°	1955.2	1958.2	1940.4	1931.6	1940.4	1958.2	1955.2	1943.4	1845.8	1822.1	1848.8
47.5°	1863.5	1863.5	1848.8	1839.9	1848.8	1863.5	1863.5	1848.8	1745.2	1721.6	1736.3
50°	1765.9	1763.0	1742.3	1739.3	1742.3	1763.0	1765.9	1757.1	1647.6	1626.9	1626.9
52.5°	1653.5	1653.5	1656.5	1662.4	1656.5	1653.5	1653.5	1656.5	1558.9	1538.2	1532.2
55°	1555.9	1558.9	1579.6	1585.5	1579.6	1558.9	1555.9	1555.9	1467.2	1446.5	1434.6
57.5°	1455.3	1455.3	1470.1	1470.1	1470.1	1455.3	1455.3	1449.4	1363.6	1345.9	1340.0
60°	1340.0	1345.9	1357.7	1354.8	1357.7	1345.9	1340.0	1334.1	1260.1	1248.3	1227.6
62.5°	1218.7	1224.6	1227.6	1221.7	1227.6	1224.6	1218.7	1200.9	1156.6	1147.7	1121.1
65°	1091.5	1097.4	1100.4	1094.5	1100.4	1097.4	1091.5	1082.6	1050.1	1035.3	1011.6
67.5°	961.4	958.4	955.4	967.3	955.4	958.4	961.4	949.5	928.8	917.0	884.4
70°	828.2	828.2	825.3	831.2	825.3	828.2	828.2	819.4	807.5	798.7	769.1
72.5°	686.3	683.3	695.1	686.3	695.1	683.3	686.3	683.3	677.4	668.5	638.9
75°	547.2	553.1	547.2	556.1	547.2	553.1	547.2	550.2	547.2	541.3	520.6
77.5°	417.1	423.0	417.1	417.1	417.1	423.0	417.1	420.0	420.0	420.0	402.3
80°	295.8	292.8	292.8	289.9	292.8	292.8	295.8	295.8	298.8	292.8	286.9
82.5°	189.3	186.4	186.4	192.3	186.4	186.4	189.3	192.3	186.4	186.4	186.4
85°	103.5	106.5	100.6	100.6	100.6	106.5	103.5	97.6	103.5	103.5	100.6
87.5°	38.5	35.5	35.5	35.5	35.5	35.5	38.5	41.4	41.4	41.4	44.4
90°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3
92.5°	56.3	54.0	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3
95°	191.1	184.3	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1
97.5°	441.1	428.2	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6
100°	619.5	604.1	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6
102.5°	771.7	758.5	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1
105°	949.5	942.4	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7
107.5°	1042.0	1043.7	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5
110°	1065.7	1073.1	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1050.6	1061.9	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1
115°	999.3	1015.0	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5
117.5°	928.5	946.0	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7
120°	880.8	897.8	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2
122.5°	833.1	849.7	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0
125°	770.0	785.3	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2
127.5°	719.3	732.3	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1
130°	687.3	699.4	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7
132.5°	660.1	670.9	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2
135°	621.6	630.8	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8
137.5°	593.1	600.7	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3
140°	570.3	577.4	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7
142.5°	554.3	560.4	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2
145°	530.3	534.9	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2
147.5°	510.2	514.0	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2
150°	498.6	501.7	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7
152.5°	489.5	491.8	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6
155°	478.5	480.1	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8
157.5°	468.9	470.0	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0
160°	464.2	464.8	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0
162.5°	459.8	460.4	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1
165°	453.0	453.6	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5
167.5°	450.0	450.3	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7
170°	450.0	450.0	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7
172.5°	447.6	447.4	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4
177.5°	443.8	443.5	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3126.7	3126.7	3126.7	3126.7	3126.7
2.5°	3088.3	3103.0	3111.9	3123.7	3153.3
5°	2969.9	3026.1	3043.9	3088.3	3141.5
7.5°	2709.6	2881.2	2928.5	3035.0	3117.8
10°	2458.1	2629.8	2712.6	2964.0	3088.3
12.5°	2330.9	2431.5	2487.7	2839.8	3046.8
15°	2251.0	2322.0	2363.4	2674.1	2999.5
17.5°	2188.9	2239.2	2268.8	2511.3	2934.4
20°	2150.5	2174.1	2200.8	2393.0	2860.5
22.5°	2123.8	2109.1	2129.8	2310.2	2759.9
25°	2106.1	2049.9	2073.6	2245.1	2641.6
27.5°	2120.9	1996.6	2005.5	2186.0	2517.3
30°	2123.8	1931.6	1934.5	2123.8	2378.2
32.5°	2103.1	1863.5	1866.5	2046.9	2221.5
35°	2052.9	1783.7	1780.7	1958.2	2008.5
37.5°	1984.8	1697.9	1697.9	1860.6	1774.8
40°	1902.0	1612.1	1621.0	1733.4	1567.7
42.5°	1801.4	1520.4	1532.2	1564.8	1413.9
45°	1692.0	1431.7	1440.5	1322.2	1295.6
47.5°	1570.7	1340.0	1342.9	1097.4	1257.2
50°	1425.8	1245.3	1233.5	940.6	1254.2
52.5°	1298.6	1141.8	1106.3	851.9	1138.8
55°	1174.3	1032.3	955.4	783.9	1056.0
57.5°	1064.9	890.4	816.4	704.0	1038.3
60°	964.3	751.3	695.1	618.2	952.5
62.5°	881.5	647.8	636.0	559.1	863.7
65°	792.7	576.8	573.9	508.8	733.6
67.5°	707.0	529.5	526.5	461.4	559.1
70°	615.3	479.2	473.3	411.2	414.1
72.5°	520.6	423.0	417.1	369.8	343.1
75°	426.0	357.9	355.0	322.4	278.1
77.5°	334.3	284.0	289.9	260.3	204.1
80°	239.6	207.1	213.0	186.4	153.8
82.5°	159.7	136.1	142.0	118.3	103.5
85°	88.7	76.9	79.9	62.1	47.3
87.5°	41.4	35.5	35.5	23.7	14.8
90°	13.0	8.3	7.7	5.3	3.0
92.5°	80.4	57.2	52.2	31.9	11.8
95°	197.8	111.4	102.1	65.3	28.4
97.5°	266.4	122.4	114.3	81.7	49.2
100°	291.5	131.5	124.1	94.7	65.2
102.5°	302.9	140.7	133.8	106.3	78.8
105°	311.4	154.3	148.5	125.2	102.0
107.5°	313.0	174.5	169.1	147.3	125.6
110°	310.6	185.8	180.8	161.2	141.6

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	310.7	199.4	194.7	176.0	157.4
115°	313.5	219.9	215.5	198.3	181.0
117.5°	319.4	239.7	235.8	220.1	204.4
120°	324.1	251.2	247.6	232.8	218.0
122.5°	330.9	264.8	261.1	246.3	231.4
125°	340.2	282.4	279.0	265.4	251.8
127.5°	349.3	299.3	295.8	282.1	268.4
130°	356.0	310.5	306.8	292.1	277.3
132.5°	361.5	319.7	316.0	301.2	286.5
135°	367.4	330.3	327.0	313.5	300.1
137.5°	376.3	343.9	340.6	327.4	314.0
140°	381.7	353.2	350.1	337.8	325.6
142.5°	386.2	360.0	357.1	345.8	334.5
145°	392.1	370.3	367.9	358.0	348.2
147.5°	400.8	383.4	381.0	371.3	361.8
150°	405.3	390.2	388.0	379.3	370.6
152.5°	408.3	394.6	392.9	386.4	379.8
155°	414.8	404.4	403.2	398.2	393.4
157.5°	421.4	414.2	413.0	408.2	403.5
160°	424.4	418.7	417.8	414.0	410.4
162.5°	427.5	423.4	422.7	419.9	417.2
165°	432.1	430.2	429.6	427.0	424.6
167.5°	435.6	434.0	433.7	432.6	431.4
170°	438.6	438.5	438.2	437.0	435.8
172.5°	438.8	438.8	438.7	438.5	438.2
175°	440.5	441.4	441.4	441.4	441.4
177.5°	440.7	441.4	441.4	441.4	441.4
180°	441.4	441.4	441.4	441.4	441.4

TEST NUMBER: P933978

CATALOG NUMBER: SQ4-FA-025U-075D-B2750-1D-UNV-W2A-W-12-3000K

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	14.66	15.79	15.38	16.53	17.41	17.51	18.64	18.23	19.38	20.26
	3H	15.16	16.17	15.89	16.92	17.84	18.88	19.90	19.62	20.65	21.56
	4H	15.36	16.31	16.11	17.08	18.00	19.34	20.30	20.10	21.06	21.99
	6H	15.49	16.37	16.26	17.14	18.08	19.65	20.53	20.41	21.30	22.24
	8H	15.50	16.34	16.28	17.13	18.07	19.73	20.57	20.51	21.36	22.31
	12H	15.48	16.28	16.26	17.07	18.04	19.78	20.58	20.57	21.37	22.34
4H	2H	15.73	16.68	16.49	17.45	18.37	17.95	18.91	18.71	19.67	20.59
	3H	16.78	17.58	17.55	18.37	19.32	19.49	20.28	20.26	21.08	22.02
	4H	17.07	17.79	17.85	18.59	19.56	20.03	20.75	20.82	21.55	22.52
	6H	17.21	17.83	18.01	18.66	19.64	20.42	21.04	21.22	21.87	22.84
	8H	17.22	17.81	18.03	18.62	19.61	20.53	21.12	21.34	21.94	22.93
	12H	17.20	17.73	18.03	18.57	19.56	20.61	21.13	21.43	21.97	22.97
8H	4H	17.55	18.13	18.35	18.95	19.94	20.18	20.76	20.98	21.58	22.57
	6H	17.82	18.30	18.65	19.16	20.16	20.63	21.11	21.47	21.97	22.97
	8H	17.86	18.30	18.71	19.15	20.16	20.79	21.22	21.63	22.07	23.08
	12H	17.86	18.24	18.71	19.09	20.15	20.90	21.28	21.75	22.13	23.19
12H	4H	17.57	18.09	18.39	18.93	19.93	20.15	20.68	20.98	21.52	22.52
	6H	17.88	18.31	18.73	19.17	20.18	20.63	21.06	21.48	21.92	22.93
	8H	17.96	18.34	18.81	19.19	20.25	20.81	21.19	21.66	22.03	23.10

END OF REPORT