

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: P935678

Luminaire Tested: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935678
REPORT IS A COMBINATION OF REPORTS P933761 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

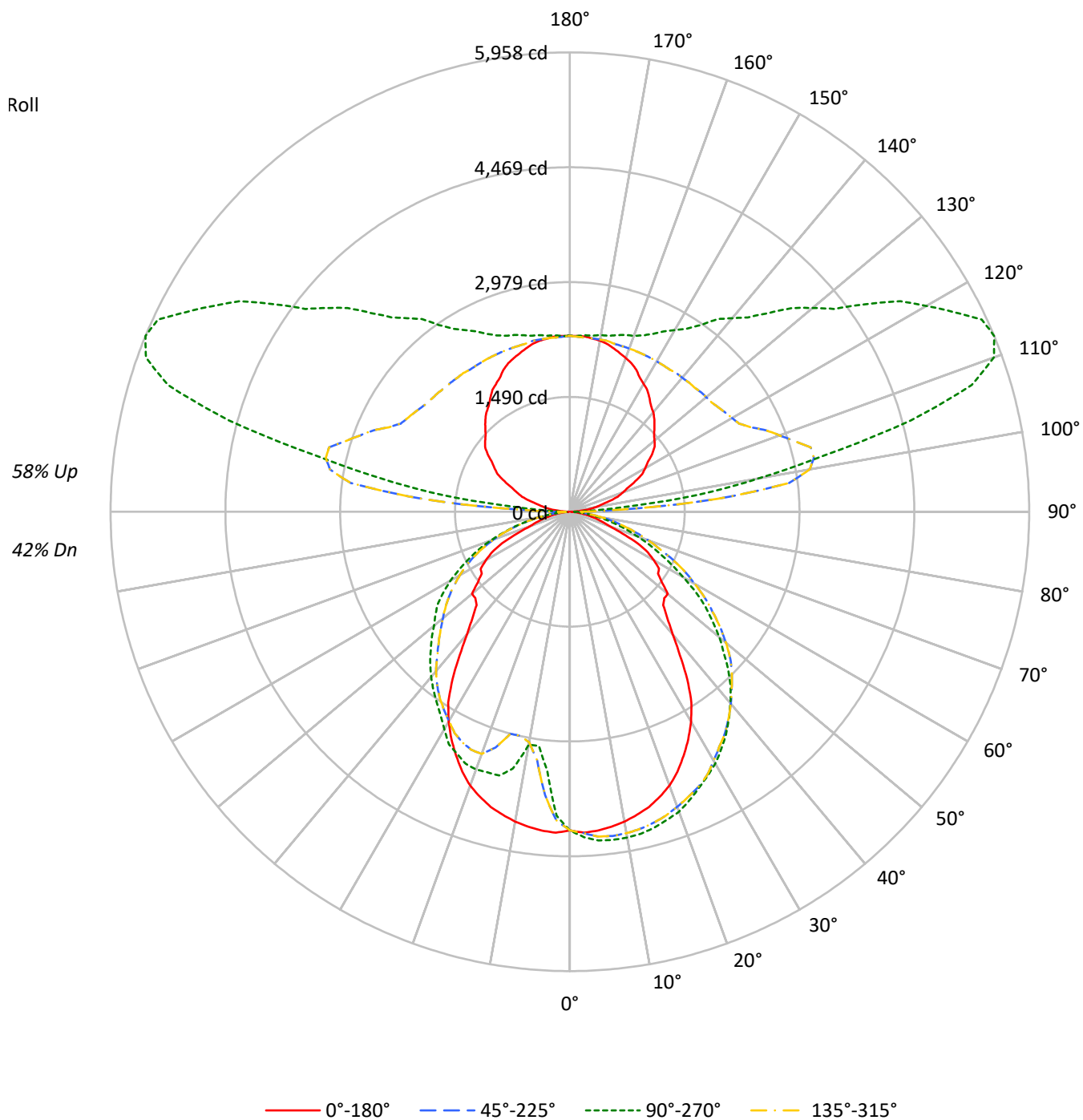
Lumens per Lamp: N/A
Luminaire Lumens: 25512.8 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 193.2
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: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-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	50	30	10
RCR																				
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12777	12777	12777	12777
5°	12878	12898	12878	10142
10°	12796	12706	12796	9083
15°	12662	12430	12662	10379
20°	12402	12104	12402	10401
25°	11865	11628	11865	10180
30°	11169	11233	11169	9697
35°	9962	10734	9962	9165
40°	8306	10146	8306	8763
45°	7426	9458	7426	8301
50°	7896	8637	7896	7838
55°	7435	7753	7435	7569
60°	7674	6584	7674	6933
65°	6969	5443	6969	6084
70°	4837	4337	4837	5100
75°	4258	3206	4258	3840
80°	3456	2120	3456	2308
85°	2025	1123	2025	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11374 cd/sqm

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.9	1.5
10°-20°	1058.7	4.1
20°-30°	1636.6	6.4
30°-40°	1953.8	7.7
40°-50°	1965.2	7.7
50°-60°	1710.0	6.7
60°-70°	1212.4	4.8
70°-80°	641.4	2.5
80°-90°	168.5	0.7
90°-100°	1112.3	4.4
100°-110°	2924.4	11.5
110°-120°	3032.3	11.9
120°-130°	2432.3	9.5
130°-140°	1908.5	7.5
140°-150°	1464.8	5.7
150°-160°	1054.9	4.1
160°-170°	645.5	2.5
170°-180°	218.1	0.9
0°-30°	3068.3	12.0
0°-40°	5022.1	19.7
0°-60°	8697.3	34.1
0°-90°	10719.6	42.0
90°-120°	7069.1	27.7
90°-150°	12874.7	50.5
90°-180°	14793.0	58.0
0°-180°	25512.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4131	4131	4131	4131	4131	
5°	4151	4280	4151	3365	4151	394
15°	3963	4240	3963	3541	3963	1115
25°	3490	3955	3490	3463	3490	1602
35°	2654	3529	2654	3013	2654	1642
45°	1712	2908	1712	2552	1712	1371
55°	1395	2146	1395	2095	1395	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
90°	15	58	15	58	15	15
95°	147	672	147	672	147	163
105°	527	4579	527	4579	527	559
115°	936	5896	936	5896	936	924
125°	1302	4696	1302	4696	1302	1156
135°	1552	3644	1552	3644	1552	1200
145°	1800	2956	1800	2956	1800	1127
155°	2034	2545	2034	2545	2034	935
165°	2195	2371	2195	2371	2195	619
175°	2282	2297	2282	2297	2282	217
180°	2282	2282	2282	2282	2282	

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4166.1	4166.1	4189.6	4197.4	4197.4	4185.7	4173.9	4185.7	4220.9	4232.6	4228.7
5°	4150.6	4181.8	4224.8	4232.6	4240.4	4236.5	4228.7	4236.5	4275.6	4283.4	4287.3
7.5°	4119.2	4177.9	4232.6	4244.3	4256.1	4244.3	4240.4	4248.3	4287.3	4295.1	4295.1
10°	4080.2	4162.3	4224.8	4232.6	4244.3	4232.6	4232.6	4248.3	4287.3	4295.1	4299.1
12.5°	4025.4	4138.8	4197.4	4205.3	4220.9	4216.9	4213.1	4228.7	4267.8	4275.6	4275.6
15°	3962.9	4095.8	4150.6	4158.4	4185.7	4177.9	4177.9	4193.6	4236.5	4248.3	4244.3
17.5°	3877.0	4041.1	4103.6	4115.4	4134.9	4130.9	4134.9	4150.6	4189.6	4197.4	4201.3
20°	3779.2	3966.9	4041.1	4052.9	4072.4	4072.4	4072.4	4091.9	4130.9	4146.6	4146.6
22.5°	3646.3	3888.7	3966.9	3974.7	3998.1	3998.1	4005.9	4033.2	4068.4	4072.4	4072.4
25°	3490.0	3802.7	3869.2	3892.6	3916.0	3927.7	3939.5	3955.1	3966.9	3962.9	3966.9
27.5°	3325.9	3693.3	3779.2	3794.9	3826.2	3837.9	3853.5	3857.4	3861.3	3873.0	3865.2
30°	3142.2	3540.8	3669.8	3685.5	3736.2	3744.0	3728.5	3736.2	3755.8	3763.7	3771.4
32.5°	2935.0	3314.1	3556.5	3591.6	3638.5	3615.1	3611.2	3623.0	3654.2	3654.2	3662.0
35°	2653.7	3138.3	3451.0	3482.3	3517.4	3490.0	3505.6	3509.6	3529.1	3540.8	3537.0
37.5°	2344.9	2985.9	3341.6	3365.0	3392.3	3357.1	3380.6	3392.3	3408.0	3400.1	3400.1
40°	2071.4	2747.5	3212.6	3228.2	3251.6	3224.3	3247.7	3255.6	3263.4	3255.6	3251.6
42.5°	1868.2	2485.6	3075.7	3095.3	3079.7	3099.2	3107.0	3122.7	3110.9	3095.3	3095.3
45°	1711.8	2415.3	2927.2	2950.7	2927.2	2958.5	2970.2	2970.2	2935.0	2927.2	2923.4
47.5°	1661.0	2274.6	2778.7	2778.7	2767.0	2806.1	2825.7	2798.3	2763.1	2751.4	2751.4
50°	1657.1	2118.2	2575.5	2559.9	2614.6	2661.5	2642.0	2614.6	2587.3	2544.3	2544.3
52.5°	1504.6	1926.7	2313.6	2372.3	2458.3	2485.6	2454.4	2427.0	2380.1	2360.6	2344.9
55°	1395.2	1727.5	2075.2	2192.5	2282.4	2317.6	2258.9	2231.6	2161.2	2149.5	2141.7
57.5°	1371.8	1438.2	1856.4	2004.9	2114.4	2110.4	2075.2	2024.5	1965.8	1954.2	1950.2
60°	1258.4	1039.5	1621.9	1797.8	1911.2	1899.4	1868.2	1821.2	1766.5	1758.7	1750.8
62.5°	1141.2	754.3	1356.1	1555.5	1715.7	1711.8	1684.5	1614.1	1575.0	1555.5	1539.8
65°	969.2	633.1	965.3	1293.6	1524.2	1532.0	1473.4	1422.6	1379.6	1356.1	1352.2
67.5°	738.6	515.9	652.6	1078.7	1340.6	1332.7	1258.4	1235.0	1180.2	1168.5	1145.1
70°	547.1	343.9	453.4	875.5	1160.7	1141.2	1082.5	1055.2	1004.4	977.0	961.4
72.5°	453.4	277.5	332.2	680.0	977.0	953.6	902.8	871.5	828.5	805.1	789.5
75°	367.4	293.1	254.0	504.1	793.3	777.8	730.8	699.6	664.4	633.1	637.1
77.5°	269.7	273.6	203.2	371.3	629.3	605.8	578.4	539.3	523.7	492.4	492.4
80°	203.2	214.9	152.4	254.0	453.4	453.4	429.9	402.6	375.2	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.7	297.0	281.4	273.6	257.9	250.1	250.1
85°	62.5	78.2	70.3	97.7	168.0	175.9	175.9	168.0	164.2	156.3	160.2
87.5°	19.5	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
90°	15.3	27.5	39.8	42.9	67.3	100.0	116.3	103.4	77.6	58.2	58.2
92.5°	61.2	165.4	269.6	295.6	415.6	575.5	655.5	574.4	412.4	291.0	279.4
95°	147.0	337.6	528.2	575.8	1022.5	1618.1	1915.9	1709.6	1297.2	987.9	952.8
97.5°	254.2	422.3	590.5	632.5	1377.3	2370.4	2867.0	2736.6	2475.9	2280.4	2213.7
100°	336.9	489.5	641.9	680.0	1506.5	2608.6	3159.5	3169.1	3188.1	3202.4	3123.0
102.5°	407.4	549.7	691.9	727.5	1565.8	2683.4	3242.3	3408.3	3740.5	3989.7	3921.6
105°	526.8	647.3	767.8	798.0	1609.6	2691.9	3233.0	3605.3	4350.0	4908.5	4871.9
107.5°	649.4	761.7	874.0	902.1	1617.8	2572.2	3049.3	3568.6	4607.3	5386.3	5395.2
110°	732.1	833.5	934.9	960.3	1605.5	2465.9	2896.1	3476.7	4637.9	5508.9	5547.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	813.3	909.9	1006.5	1030.7	1606.0	2373.2	2756.8	3351.0	4539.4	5430.8	5489.4
115°	935.7	1024.8	1114.1	1136.4	1620.9	2266.8	2589.8	3162.3	4307.1	5165.9	5247.0
117.5°	1056.8	1137.7	1218.8	1239.0	1651.0	2200.3	2475.0	2991.6	4024.9	4799.7	4889.8
120°	1127.2	1203.4	1279.7	1298.8	1675.5	2177.9	2429.0	2901.1	3845.2	4553.2	4640.7
122.5°	1196.1	1273.0	1349.9	1369.2	1710.7	2166.1	2393.8	2818.9	3669.0	4306.7	4392.9
125°	1301.8	1371.9	1442.0	1459.6	1758.2	2156.4	2355.5	2716.5	3438.8	3980.4	4059.9
127.5°	1387.6	1458.4	1529.2	1546.8	1805.7	2150.8	2323.3	2633.3	3253.4	3718.5	3785.5
130°	1433.5	1509.8	1586.0	1605.0	1840.4	2154.2	2311.1	2587.1	3139.1	3553.1	3615.1
132.5°	1481.0	1557.2	1633.5	1652.5	1868.5	2156.4	2300.3	2547.4	3041.6	3412.3	3467.8
135°	1551.5	1620.9	1690.3	1707.7	1899.1	2154.4	2282.0	2489.0	2902.8	3213.2	3261.0
137.5°	1623.4	1692.2	1760.9	1778.1	1945.0	2167.6	2278.9	2453.9	2803.7	3066.1	3105.2
140°	1683.1	1746.4	1809.7	1825.6	1973.1	2169.8	2268.2	2419.2	2721.5	2948.1	2984.7
142.5°	1729.0	1787.6	1846.2	1860.8	1996.6	2177.7	2268.2	2400.9	2666.4	2865.5	2897.0
145°	1799.5	1850.6	1901.7	1914.4	2027.2	2177.7	2252.9	2361.5	2578.6	2741.4	2765.2
147.5°	1869.9	1919.6	1969.3	1981.8	2072.2	2192.7	2252.9	2338.3	2509.2	2637.3	2657.0
150°	1915.9	1960.9	2005.8	2017.1	2095.6	2200.5	2252.9	2325.1	2469.3	2577.5	2593.5
152.5°	1963.4	1997.4	2031.6	2040.0	2111.0	2205.6	2252.9	2314.5	2437.7	2530.1	2542.2
155°	2033.8	2059.1	2084.2	2090.5	2144.6	2216.8	2252.9	2301.9	2399.9	2473.4	2481.4
157.5°	2086.0	2110.4	2135.0	2141.1	2178.4	2228.1	2252.9	2291.0	2367.2	2424.4	2430.0
160°	2121.2	2140.2	2159.3	2164.1	2193.7	2233.2	2252.9	2285.5	2350.9	2399.9	2403.2
162.5°	2156.4	2170.7	2185.0	2188.5	2210.0	2238.6	2252.9	2280.5	2335.6	2377.0	2380.0
165°	2194.6	2207.6	2220.5	2223.7	2233.5	2246.4	2252.9	2272.6	2312.1	2341.7	2344.9
167.5°	2229.9	2236.1	2242.2	2243.6	2251.8	2262.8	2268.2	2281.1	2306.9	2326.4	2327.7
170°	2252.9	2259.0	2265.1	2266.6	2267.1	2267.8	2268.2	2281.1	2306.9	2326.4	2326.4
172.5°	2265.1	2266.5	2267.9	2268.2	2268.2	2268.2	2268.2	2278.4	2298.9	2314.1	2313.0
175°	2282.0	2282.0	2282.0	2282.0	2277.4	2271.3	2268.2	2274.7	2287.6	2297.3	2297.3
177.5°	2282.0	2282.0	2282.0	2282.0	2278.4	2273.6	2271.3	2276.4	2286.5	2294.2	2292.8
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4236.5	4224.8	4236.5	4228.7	4232.6	4220.9	4185.7	4173.9	4185.7	4197.4	4197.4
5°	4287.3	4279.5	4287.3	4287.3	4283.4	4275.6	4236.5	4228.7	4236.5	4240.4	4232.6
7.5°	4302.9	4291.3	4302.9	4295.1	4295.1	4287.3	4248.3	4240.4	4244.3	4256.1	4244.3
10°	4302.9	4291.3	4302.9	4299.1	4295.1	4287.3	4248.3	4232.6	4232.6	4244.3	4232.6
12.5°	4283.4	4275.6	4283.4	4275.6	4275.6	4267.8	4228.7	4213.1	4216.9	4220.9	4205.3
15°	4252.1	4240.4	4252.1	4244.3	4248.3	4236.5	4193.6	4177.9	4177.9	4185.7	4158.4
17.5°	4205.3	4189.6	4205.3	4201.3	4197.4	4189.6	4150.6	4134.9	4130.9	4134.9	4115.4
20°	4150.6	4138.8	4150.6	4146.6	4146.6	4130.9	4091.9	4072.4	4072.4	4072.4	4052.9
22.5°	4064.6	4052.9	4064.6	4072.4	4072.4	4068.4	4033.2	4005.9	3998.1	3998.1	3974.7
25°	3966.9	3955.1	3966.9	3966.9	3962.9	3966.9	3955.1	3939.5	3927.7	3916.0	3892.6
27.5°	3873.0	3865.2	3873.0	3865.2	3873.0	3861.3	3857.4	3853.5	3837.9	3826.2	3794.9
30°	3779.2	3771.4	3779.2	3771.4	3763.7	3755.8	3736.2	3728.5	3744.0	3736.2	3685.5
32.5°	3662.0	3654.2	3662.0	3662.0	3654.2	3654.2	3623.0	3611.2	3615.1	3638.5	3591.6
35°	3540.8	3529.1	3540.8	3537.0	3540.8	3529.1	3509.6	3505.6	3490.0	3517.4	3482.3
37.5°	3400.1	3388.4	3400.1	3400.1	3400.1	3408.0	3392.3	3380.6	3357.1	3392.3	3365.0
40°	3255.6	3239.9	3255.6	3251.6	3255.6	3263.4	3255.6	3247.7	3224.3	3251.6	3228.2
42.5°	3091.4	3087.5	3091.4	3095.3	3095.3	3110.9	3122.7	3107.0	3099.2	3079.7	3095.3
45°	2915.5	2907.7	2915.5	2923.4	2927.2	2935.0	2970.2	2970.2	2958.5	2927.2	2950.7
47.5°	2728.0	2708.4	2728.0	2751.4	2751.4	2763.1	2798.3	2825.7	2806.1	2767.0	2778.7
50°	2528.6	2532.5	2528.6	2544.3	2544.3	2587.3	2614.6	2642.0	2661.5	2614.6	2559.9
52.5°	2333.2	2329.3	2333.2	2344.9	2360.6	2380.1	2427.0	2454.4	2485.6	2458.3	2372.3
55°	2137.7	2145.6	2137.7	2141.7	2149.5	2161.2	2231.6	2258.9	2317.6	2282.4	2192.5
57.5°	1942.4	1930.7	1942.4	1950.2	1954.2	1965.8	2024.5	2075.2	2110.4	2114.4	2004.9
60°	1715.7	1700.1	1715.7	1750.8	1758.7	1766.5	1821.2	1868.2	1899.4	1911.2	1797.8
62.5°	1516.4	1489.1	1516.4	1539.8	1555.5	1575.0	1614.1	1684.5	1711.8	1715.7	1555.5
65°	1305.4	1293.6	1305.4	1352.2	1356.1	1379.6	1422.6	1473.4	1532.0	1524.2	1293.6
67.5°	1113.9	1113.9	1113.9	1145.1	1168.5	1180.2	1235.0	1258.4	1332.7	1340.6	1078.7
70°	938.0	934.0	938.0	961.4	977.0	1004.4	1055.2	1082.5	1141.2	1160.7	875.5
72.5°	770.0	766.0	770.0	789.5	805.1	828.5	871.5	902.8	953.6	977.0	680.0
75°	621.4	613.6	621.4	637.1	633.1	664.4	699.6	730.8	777.8	793.3	504.1
77.5°	476.8	476.8	476.8	492.4	492.4	523.7	539.3	578.4	605.8	629.3	371.3
80°	355.7	351.7	355.7	359.6	359.6	375.2	402.6	429.9	453.4	453.4	254.0
82.5°	250.1	242.3	250.1	250.1	250.1	257.9	273.6	281.4	297.0	308.7	160.2
85°	156.3	156.3	156.3	160.2	156.3	164.2	168.0	175.9	175.9	168.0	97.7
87.5°	101.7	97.7	101.7	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
90°	58.2	58.2	58.2	58.2	58.2	77.6	103.4	116.3	100.0	67.3	42.9
92.5°	233.1	186.8	233.1	279.4	291.0	412.4	574.4	655.5	575.5	415.6	295.6
95°	812.6	672.4	812.6	952.8	987.9	1297.2	1709.6	1915.9	1618.1	1022.5	575.8
97.5°	1946.9	1680.0	1946.9	2213.7	2280.4	2475.9	2736.6	2867.0	2370.4	1377.3	632.5
100°	2805.1	2487.2	2805.1	3123.0	3202.4	3188.1	3169.1	3159.5	2608.6	1506.5	680.0
102.5°	3649.3	3377.0	3649.3	3921.6	3989.7	3740.5	3408.3	3242.3	2683.4	1565.8	727.5
105°	4725.6	4579.3	4725.6	4871.9	4908.5	4350.0	3605.3	3233.0	2691.9	1609.6	798.0
107.5°	5430.6	5466.0	5430.6	5395.2	5386.3	4607.3	3568.6	3049.3	2572.2	1617.8	902.1
110°	5699.5	5851.9	5699.5	5547.0	5508.9	4637.9	3476.7	2896.1	2465.9	1605.5	960.3

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5723.4	5957.6	5723.4	5489.4	5430.8	4539.4	3351.0	2756.8	2373.2	1606.0	1030.7
115°	5571.7	5896.4	5571.7	5247.0	5165.9	4307.1	3162.3	2589.8	2266.8	1620.9	1136.4
117.5°	5249.9	5609.9	5249.9	4889.8	4799.7	4024.9	2991.6	2475.0	2200.3	1651.0	1239.0
120°	4990.5	5340.4	4990.5	4640.7	4553.2	3845.2	2901.1	2429.0	2177.9	1675.5	1298.8
122.5°	4738.0	5083.1	4738.0	4392.9	4306.7	3669.0	2818.9	2393.8	2166.1	1710.7	1369.2
125°	4377.7	4695.6	4377.7	4059.9	3980.4	3438.8	2716.5	2355.5	2156.4	1758.2	1459.6
127.5°	4053.7	4321.9	4053.7	3785.5	3718.5	3253.4	2633.3	2323.3	2150.8	1805.7	1546.8
130°	3862.9	4110.6	3862.9	3615.1	3553.1	3139.1	2587.1	2311.1	2154.2	1840.4	1605.0
132.5°	3689.6	3911.5	3689.6	3467.8	3412.3	3041.6	2547.4	2300.3	2156.4	1868.5	1652.5
135°	3452.2	3643.5	3452.2	3261.0	3213.2	2902.8	2489.0	2282.0	2154.4	1899.1	1707.7
137.5°	3261.8	3418.4	3261.8	3105.2	3066.1	2803.7	2453.9	2278.9	2167.6	1945.0	1778.1
140°	3131.1	3277.5	3131.1	2984.7	2948.1	2721.5	2419.2	2268.2	2169.8	1973.1	1825.6
142.5°	3022.9	3148.8	3022.9	2897.0	2865.5	2666.4	2400.9	2268.2	2177.7	1996.6	1860.8
145°	2860.5	2955.8	2860.5	2765.2	2741.4	2578.6	2361.5	2252.9	2177.7	2027.2	1914.4
147.5°	2736.0	2814.9	2736.0	2657.0	2637.3	2509.2	2338.3	2252.9	2192.7	2072.2	1981.8
150°	2657.6	2721.6	2657.6	2593.5	2577.5	2469.3	2325.1	2252.9	2200.5	2095.6	2017.1
152.5°	2590.5	2638.8	2590.5	2542.2	2530.1	2437.7	2314.5	2252.9	2205.6	2111.0	2040.0
155°	2513.4	2545.4	2513.4	2481.4	2473.4	2399.9	2301.9	2252.9	2216.8	2144.6	2090.5
157.5°	2452.5	2475.0	2452.5	2430.0	2424.4	2367.2	2291.0	2252.9	2228.1	2178.4	2141.1
160°	2416.1	2429.0	2416.1	2403.2	2399.9	2350.9	2285.5	2252.9	2233.2	2193.7	2164.1
162.5°	2392.2	2404.5	2392.2	2380.0	2377.0	2335.6	2280.5	2252.9	2238.6	2210.0	2188.5
165°	2357.8	2370.8	2357.8	2344.9	2341.7	2312.1	2272.6	2252.9	2246.4	2233.5	2223.7
167.5°	2333.2	2338.6	2333.2	2327.7	2326.4	2306.9	2281.1	2268.2	2262.8	2251.8	2243.6
170°	2326.4	2326.4	2326.4	2326.4	2326.4	2306.9	2281.1	2268.2	2267.8	2267.1	2266.6
172.5°	2308.1	2303.4	2308.1	2313.0	2314.1	2298.9	2278.4	2268.2	2268.2	2268.2	2268.2
175°	2297.3	2297.3	2297.3	2297.3	2297.3	2287.6	2274.7	2268.2	2271.3	2277.4	2282.0
177.5°	2287.4	2282.0	2287.4	2292.8	2294.2	2286.5	2276.4	2271.3	2273.6	2278.4	2282.0
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4189.6	4166.1	4166.1	4127.1	4111.4	4099.7	4080.2	4021.6	4005.9	3990.2	4013.7
5°	4224.8	4181.8	4150.6	4080.2	4021.6	3998.1	3923.9	3783.2	3689.3	3619.0	3580.0
7.5°	4232.6	4177.9	4119.2	4009.9	3869.2	3806.7	3580.0	3322.0	3251.6	3189.1	3150.0
10°	4224.8	4162.3	4080.2	3916.0	3583.8	3474.4	3247.7	3079.7	3036.7	3024.9	3036.7
12.5°	4197.4	4138.8	4025.4	3751.9	3286.8	3212.6	3079.7	2982.0	2974.2	2993.7	3099.2
15°	4150.6	4095.8	3962.9	3533.0	3122.7	3067.9	2974.2	2939.0	2982.0	3118.7	3435.3
17.5°	4103.6	4041.1	3877.0	3318.1	2997.6	2958.5	2892.0	2962.4	3204.7	3388.4	3494.0
20°	4041.1	3966.9	3779.2	3161.7	2907.7	2872.5	2841.3	3157.9	3341.6	3408.0	3466.6
22.5°	3966.9	3888.7	3646.3	3052.4	2813.9	2786.5	2806.1	3267.3	3341.6	3388.4	3439.3
25°	3869.2	3802.7	3490.0	2966.4	2739.7	2708.4	2782.7	3255.6	3298.6	3310.3	3411.9
27.5°	3779.2	3693.3	3325.9	2888.2	2649.8	2638.0	2802.2	3204.7	3236.1	3247.7	3357.1
30°	3669.8	3540.8	3142.2	2806.1	2556.0	2552.1	2806.1	3142.2	3134.4	3165.7	3275.1
32.5°	3556.5	3314.1	2935.0	2704.5	2466.1	2462.1	2778.7	3048.4	3040.6	3083.6	3165.7
35°	3451.0	3138.3	2653.7	2587.3	2352.8	2356.6	2712.3	2939.0	2942.9	2982.0	3032.7
37.5°	3341.6	2985.9	2344.9	2458.3	2243.3	2243.3	2622.4	2837.4	2829.5	2841.3	2911.7
40°	3212.6	2747.5	2071.4	2290.2	2141.7	2130.0	2513.0	2728.0	2700.6	2696.7	2794.4
42.5°	3075.7	2485.6	1868.2	2067.4	2024.5	2008.8	2380.1	2595.1	2544.3	2556.0	2681.0
45°	2927.2	2415.3	1711.8	1747.0	1903.3	1891.5	2235.5	2442.6	2407.4	2438.8	2567.7
47.5°	2778.7	2274.6	1661.0	1449.9	1774.3	1770.5	2075.2	2294.1	2274.6	2305.9	2442.6
50°	2575.5	2118.2	1657.1	1242.9	1629.8	1645.3	1883.8	2149.5	2149.5	2176.9	2321.4
52.5°	2313.6	1926.7	1504.6	1125.5	1461.6	1508.6	1715.7	2024.5	2032.2	2059.7	2188.6
55°	2075.2	1727.5	1395.2	1035.7	1262.4	1363.9	1551.6	1895.5	1911.2	1938.5	2055.7
57.5°	1856.4	1438.2	1371.8	930.2	1078.7	1176.4	1406.9	1770.5	1778.3	1801.7	1915.0
60°	1621.9	1039.5	1258.4	816.8	918.5	992.7	1274.1	1621.9	1649.3	1664.9	1762.6
62.5°	1356.1	754.3	1141.2	738.6	840.3	855.9	1164.7	1481.2	1516.4	1528.1	1586.8
65°	965.3	633.1	969.2	672.3	758.2	762.1	1047.4	1336.6	1367.9	1387.4	1430.4
67.5°	652.6	515.9	738.6	609.6	695.6	699.6	934.0	1168.5	1211.5	1227.2	1254.6
70°	453.4	343.9	547.1	543.3	625.3	633.1	813.0	1016.2	1055.2	1067.0	1082.5
72.5°	332.2	277.5	453.4	488.6	551.1	558.9	687.8	844.2	883.3	895.0	902.8
75°	254.0	293.1	367.4	426.0	468.9	472.9	562.8	687.8	715.2	723.0	726.9
77.5°	203.2	273.6	269.7	343.9	383.0	375.2	441.6	531.6	554.9	554.9	554.9
80°	152.4	214.9	203.2	246.2	281.4	273.6	316.6	379.1	386.9	394.7	390.9
82.5°	113.3	136.8	136.8	156.3	187.6	179.7	211.0	246.2	246.2	246.2	254.0
85°	70.3	78.2	62.5	82.0	105.5	101.7	117.2	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.5	31.3	46.9	46.9	54.7	58.7	54.7	54.7	54.7
90°	39.8	27.5	15.3	27.5	39.8	42.9	67.3	100.0	116.3	103.4	77.6
92.5°	269.6	165.4	61.2	165.4	269.6	295.6	415.6	575.5	655.5	574.4	412.4
95°	528.2	337.6	147.0	337.6	528.2	575.8	1022.5	1618.1	1915.9	1709.6	1297.2
97.5°	590.5	422.3	254.2	422.3	590.5	632.5	1377.3	2370.4	2867.0	2736.6	2475.9
100°	641.9	489.5	336.9	489.5	641.9	680.0	1506.5	2608.6	3159.5	3169.1	3188.1
102.5°	691.9	549.7	407.4	549.7	691.9	727.5	1565.8	2683.4	3242.3	3408.3	3740.5
105°	767.8	647.3	526.8	647.3	767.8	798.0	1609.6	2691.9	3233.0	3605.3	4350.0
107.5°	874.0	761.7	649.4	761.7	874.0	902.1	1617.8	2572.2	3049.3	3568.6	4607.3
110°	934.9	833.5	732.1	833.5	934.9	960.3	1605.5	2465.9	2896.1	3476.7	4637.9

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1006.5	909.9	813.3	909.9	1006.5	1030.7	1606.0	2373.2	2756.8	3351.0	4539.4
115°	1114.1	1024.8	935.7	1024.8	1114.1	1136.4	1620.9	2266.8	2589.8	3162.3	4307.1
117.5°	1218.8	1137.7	1056.8	1137.7	1218.8	1239.0	1651.0	2200.3	2475.0	2991.6	4024.9
120°	1279.7	1203.4	1127.2	1203.4	1279.7	1298.8	1675.5	2177.9	2429.0	2901.1	3845.2
122.5°	1349.9	1273.0	1196.1	1273.0	1349.9	1369.2	1710.7	2166.1	2393.8	2818.9	3669.0
125°	1442.0	1371.9	1301.8	1371.9	1442.0	1459.6	1758.2	2156.4	2355.5	2716.5	3438.8
127.5°	1529.2	1458.4	1387.6	1458.4	1529.2	1546.8	1805.7	2150.8	2323.3	2633.3	3253.4
130°	1586.0	1509.8	1433.5	1509.8	1586.0	1605.0	1840.4	2154.2	2311.1	2587.1	3139.1
132.5°	1633.5	1557.2	1481.0	1557.2	1633.5	1652.5	1868.5	2156.4	2300.3	2547.4	3041.6
135°	1690.3	1620.9	1551.5	1620.9	1690.3	1707.7	1899.1	2154.4	2282.0	2489.0	2902.8
137.5°	1760.9	1692.2	1623.4	1692.2	1760.9	1778.1	1945.0	2167.6	2278.9	2453.9	2803.7
140°	1809.7	1746.4	1683.1	1746.4	1809.7	1825.6	1973.1	2169.8	2268.2	2419.2	2721.5
142.5°	1846.2	1787.6	1729.0	1787.6	1846.2	1860.8	1996.6	2177.7	2268.2	2400.9	2666.4
145°	1901.7	1850.6	1799.5	1850.6	1901.7	1914.4	2027.2	2177.7	2252.9	2361.5	2578.6
147.5°	1969.3	1919.6	1869.9	1919.6	1969.3	1981.8	2072.2	2192.7	2252.9	2338.3	2509.2
150°	2005.8	1960.9	1915.9	1960.9	2005.8	2017.1	2095.6	2200.5	2252.9	2325.1	2469.3
152.5°	2031.6	1997.4	1963.4	1997.4	2031.6	2040.0	2111.0	2205.6	2252.9	2314.5	2437.7
155°	2084.2	2059.1	2033.8	2059.1	2084.2	2090.5	2144.6	2216.8	2252.9	2301.9	2399.9
157.5°	2135.0	2110.4	2086.0	2110.4	2135.0	2141.1	2178.4	2228.1	2252.9	2291.0	2367.2
160°	2159.3	2140.2	2121.2	2140.2	2159.3	2164.1	2193.7	2233.2	2252.9	2285.5	2350.9
162.5°	2185.0	2170.7	2156.4	2170.7	2185.0	2188.5	2210.0	2238.6	2252.9	2280.5	2335.6
165°	2220.5	2207.6	2194.6	2207.6	2220.5	2223.7	2233.5	2246.4	2252.9	2272.6	2312.1
167.5°	2242.2	2236.1	2229.9	2236.1	2242.2	2243.6	2251.8	2262.8	2268.2	2281.1	2306.9
170°	2265.1	2259.0	2252.9	2259.0	2265.1	2266.6	2267.1	2267.8	2268.2	2281.1	2306.9
172.5°	2267.9	2266.5	2265.1	2266.5	2267.9	2268.2	2268.2	2268.2	2268.2	2278.4	2298.9
175°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2277.4	2271.3	2268.2	2274.7	2287.6
177.5°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2278.4	2273.6	2271.3	2276.4	2286.5
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	3986.4	3974.7	3990.2	3947.3	3990.2	3974.7	3986.4	4013.7	3990.2	4005.9	4021.6
5°	3497.8	3478.3	3415.8	3365.0	3415.8	3478.3	3497.8	3580.0	3619.0	3689.3	3783.2
7.5°	3126.6	3110.9	3095.3	3064.0	3095.3	3110.9	3126.6	3150.0	3189.1	3251.6	3322.0
10°	3044.5	3048.4	3071.9	3067.9	3071.9	3048.4	3044.5	3036.7	3024.9	3036.7	3079.7
12.5°	3255.6	3290.7	3419.6	3411.9	3419.6	3290.7	3255.6	3099.2	2993.7	2974.2	2982.0
15°	3497.8	3509.6	3537.0	3540.8	3537.0	3509.6	3497.8	3435.3	3118.7	2982.0	2939.0
17.5°	3521.3	3525.2	3544.8	3544.8	3544.8	3525.2	3521.3	3494.0	3388.4	3204.7	2962.4
20°	3501.8	3509.6	3548.6	3556.5	3548.6	3509.6	3501.8	3466.6	3408.0	3341.6	3157.9
22.5°	3494.0	3509.6	3540.8	3537.0	3540.8	3509.6	3494.0	3439.3	3388.4	3341.6	3267.3
25°	3454.8	3454.8	3458.8	3462.6	3458.8	3454.8	3454.8	3411.9	3310.3	3298.6	3255.6
27.5°	3372.8	3380.6	3404.1	3400.1	3404.1	3380.6	3372.8	3357.1	3247.7	3236.1	3204.7
30°	3298.6	3290.7	3271.2	3255.6	3271.2	3290.7	3298.6	3275.1	3165.7	3134.4	3142.2
32.5°	3173.4	3153.9	3134.4	3122.7	3134.4	3153.9	3173.4	3165.7	3083.6	3040.6	3048.4
35°	3024.9	3028.9	3024.9	3013.2	3024.9	3028.9	3024.9	3032.7	2982.0	2942.9	2939.0
37.5°	2919.4	2927.2	2923.4	2907.7	2923.4	2927.2	2919.4	2911.7	2841.3	2829.5	2837.4
40°	2810.0	2813.9	2810.0	2798.3	2810.0	2813.9	2810.0	2794.4	2696.7	2700.6	2728.0
42.5°	2704.5	2700.6	2688.8	2681.0	2688.8	2700.6	2704.5	2681.0	2556.0	2544.3	2595.1
45°	2583.3	2587.3	2563.8	2552.1	2563.8	2587.3	2583.3	2567.7	2438.8	2407.4	2442.6
47.5°	2462.1	2462.1	2442.6	2430.9	2442.6	2462.1	2462.1	2442.6	2305.9	2274.6	2294.1
50°	2333.2	2329.3	2301.9	2298.1	2301.9	2329.3	2333.2	2321.4	2176.9	2149.5	2149.5
52.5°	2184.7	2184.7	2188.6	2196.4	2188.6	2184.7	2184.7	2188.6	2059.7	2032.2	2024.5
55°	2055.7	2059.7	2087.0	2094.8	2087.0	2059.7	2055.7	2055.7	1938.5	1911.2	1895.5
57.5°	1922.8	1922.8	1942.4	1942.4	1942.4	1922.8	1922.8	1915.0	1801.7	1778.3	1770.5
60°	1770.5	1778.3	1793.8	1790.0	1793.8	1778.3	1770.5	1762.6	1664.9	1649.3	1621.9
62.5°	1610.1	1618.0	1621.9	1614.1	1621.9	1618.0	1610.1	1586.8	1528.1	1516.4	1481.2
65°	1442.1	1449.9	1453.9	1446.1	1453.9	1449.9	1442.1	1430.4	1387.4	1367.9	1336.6
67.5°	1270.2	1266.2	1262.4	1278.0	1262.4	1266.2	1270.2	1254.6	1227.2	1211.5	1168.5
70°	1094.3	1094.3	1090.4	1098.2	1090.4	1094.3	1094.3	1082.5	1067.0	1055.2	1016.2
72.5°	906.7	902.8	918.5	906.7	918.5	902.8	906.7	902.8	895.0	883.3	844.2
75°	723.0	730.8	723.0	734.8	723.0	730.8	723.0	726.9	723.0	715.2	687.8
77.5°	551.1	558.9	551.1	551.1	551.1	558.9	551.1	554.9	554.9	554.9	531.6
80°	390.9	386.9	386.9	383.0	386.9	386.9	390.9	390.9	394.7	386.9	379.1
82.5°	250.1	246.2	246.2	254.0	246.2	246.2	250.1	254.0	246.2	246.2	246.2
85°	136.8	140.7	132.9	132.9	132.9	140.7	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.7
90°	58.2	58.2	58.2	58.2	58.2	58.2	58.2	77.6	103.4	116.3	100.0
92.5°	291.0	279.4	233.1	186.8	233.1	279.4	291.0	412.4	574.4	655.5	575.5
95°	987.9	952.8	812.6	672.4	812.6	952.8	987.9	1297.2	1709.6	1915.9	1618.1
97.5°	2280.4	2213.7	1946.9	1680.0	1946.9	2213.7	2280.4	2475.9	2736.6	2867.0	2370.4
100°	3202.4	3123.0	2805.1	2487.2	2805.1	3123.0	3202.4	3188.1	3169.1	3159.5	2608.6
102.5°	3989.7	3921.6	3649.3	3377.0	3649.3	3921.6	3989.7	3740.5	3408.3	3242.3	2683.4
105°	4908.5	4871.9	4725.6	4579.3	4725.6	4871.9	4908.5	4350.0	3605.3	3233.0	2691.9
107.5°	5386.3	5395.2	5430.6	5466.0	5430.6	5395.2	5386.3	4607.3	3568.6	3049.3	2572.2
110°	5508.9	5547.0	5699.5	5851.9	5699.5	5547.0	5508.9	4637.9	3476.7	2896.1	2465.9

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5430.8	5489.4	5723.4	5957.6	5723.4	5489.4	5430.8	4539.4	3351.0	2756.8	2373.2
115°	5165.9	5247.0	5571.7	5896.4	5571.7	5247.0	5165.9	4307.1	3162.3	2589.8	2266.8
117.5°	4799.7	4889.8	5249.9	5609.9	5249.9	4889.8	4799.7	4024.9	2991.6	2475.0	2200.3
120°	4553.2	4640.7	4990.5	5340.4	4990.5	4640.7	4553.2	3845.2	2901.1	2429.0	2177.9
122.5°	4306.7	4392.9	4738.0	5083.1	4738.0	4392.9	4306.7	3669.0	2818.9	2393.8	2166.1
125°	3980.4	4059.9	4377.7	4695.6	4377.7	4059.9	3980.4	3438.8	2716.5	2355.5	2156.4
127.5°	3718.5	3785.5	4053.7	4321.9	4053.7	3785.5	3718.5	3253.4	2633.3	2323.3	2150.8
130°	3553.1	3615.1	3862.9	4110.6	3862.9	3615.1	3553.1	3139.1	2587.1	2311.1	2154.2
132.5°	3412.3	3467.8	3689.6	3911.5	3689.6	3467.8	3412.3	3041.6	2547.4	2300.3	2156.4
135°	3213.2	3261.0	3452.2	3643.5	3452.2	3261.0	3213.2	2902.8	2489.0	2282.0	2154.4
137.5°	3066.1	3105.2	3261.8	3418.4	3261.8	3105.2	3066.1	2803.7	2453.9	2278.9	2167.6
140°	2948.1	2984.7	3131.1	3277.5	3131.1	2984.7	2948.1	2721.5	2419.2	2268.2	2169.8
142.5°	2865.5	2897.0	3022.9	3148.8	3022.9	2897.0	2865.5	2666.4	2400.9	2268.2	2177.7
145°	2741.4	2765.2	2860.5	2955.8	2860.5	2765.2	2741.4	2578.6	2361.5	2252.9	2177.7
147.5°	2637.3	2657.0	2736.0	2814.9	2736.0	2657.0	2637.3	2509.2	2338.3	2252.9	2192.7
150°	2577.5	2593.5	2657.6	2721.6	2657.6	2593.5	2577.5	2469.3	2325.1	2252.9	2200.5
152.5°	2530.1	2542.2	2590.5	2638.8	2590.5	2542.2	2530.1	2437.7	2314.5	2252.9	2205.6
155°	2473.4	2481.4	2513.4	2545.4	2513.4	2481.4	2473.4	2399.9	2301.9	2252.9	2216.8
157.5°	2424.4	2430.0	2452.5	2475.0	2452.5	2430.0	2424.4	2367.2	2291.0	2252.9	2228.1
160°	2399.9	2403.2	2416.1	2429.0	2416.1	2403.2	2399.9	2350.9	2285.5	2252.9	2233.2
162.5°	2377.0	2380.0	2392.2	2404.5	2392.2	2380.0	2377.0	2335.6	2280.5	2252.9	2238.6
165°	2341.7	2344.9	2357.8	2370.8	2357.8	2344.9	2341.7	2312.1	2272.6	2252.9	2246.4
167.5°	2326.4	2327.7	2333.2	2338.6	2333.2	2327.7	2326.4	2306.9	2281.1	2268.2	2262.8
170°	2326.4	2326.4	2326.4	2326.4	2326.4	2326.4	2326.4	2306.9	2281.1	2268.2	2267.8
172.5°	2314.1	2313.0	2308.1	2303.4	2308.1	2313.0	2314.1	2298.9	2278.4	2268.2	2268.2
175°	2297.3	2297.3	2297.3	2297.3	2297.3	2297.3	2297.3	2287.6	2274.7	2268.2	2271.3
177.5°	2294.2	2292.8	2287.4	2282.0	2287.4	2292.8	2294.2	2286.5	2276.4	2271.3	2273.6
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4130.9	4130.9	4130.9	4130.9	4130.9
2.5°	4080.2	4099.7	4111.4	4127.1	4166.1
5°	3923.9	3998.1	4021.6	4080.2	4150.6
7.5°	3580.0	3806.7	3869.2	4009.9	4119.2
10°	3247.7	3474.4	3583.8	3916.0	4080.2
12.5°	3079.7	3212.6	3286.8	3751.9	4025.4
15°	2974.2	3067.9	3122.7	3533.0	3962.9
17.5°	2892.0	2958.5	2997.6	3318.1	3877.0
20°	2841.3	2872.5	2907.7	3161.7	3779.2
22.5°	2806.1	2786.5	2813.9	3052.4	3646.3
25°	2782.7	2708.4	2739.7	2966.4	3490.0
27.5°	2802.2	2638.0	2649.8	2888.2	3325.9
30°	2806.1	2552.1	2556.0	2806.1	3142.2
32.5°	2778.7	2462.1	2466.1	2704.5	2935.0
35°	2712.3	2356.6	2352.8	2587.3	2653.7
37.5°	2622.4	2243.3	2243.3	2458.3	2344.9
40°	2513.0	2130.0	2141.7	2290.2	2071.4
42.5°	2380.1	2008.8	2024.5	2067.4	1868.2
45°	2235.5	1891.5	1903.3	1747.0	1711.8
47.5°	2075.2	1770.5	1774.3	1449.9	1661.0
50°	1883.8	1645.3	1629.8	1242.9	1657.1
52.5°	1715.7	1508.6	1461.6	1125.5	1504.6
55°	1551.6	1363.9	1262.4	1035.7	1395.2
57.5°	1406.9	1176.4	1078.7	930.2	1371.8
60°	1274.1	992.7	918.5	816.8	1258.4
62.5°	1164.7	855.9	840.3	738.6	1141.2
65°	1047.4	762.1	758.2	672.3	969.2
67.5°	934.0	699.6	695.6	609.6	738.6
70°	813.0	633.1	625.3	543.3	547.1
72.5°	687.8	558.9	551.1	488.6	453.4
75°	562.8	472.9	468.9	426.0	367.4
77.5°	441.6	375.2	383.0	343.9	269.7
80°	316.6	273.6	281.4	246.2	203.2
82.5°	211.0	179.7	187.6	156.3	136.8
85°	117.2	101.7	105.5	82.0	62.5
87.5°	54.7	46.9	46.9	31.3	19.5
90°	67.3	42.9	39.8	27.5	15.3
92.5°	415.6	295.6	269.6	165.4	61.2
95°	1022.5	575.8	528.2	337.6	147.0
97.5°	1377.3	632.5	590.5	422.3	254.2
100°	1506.5	680.0	641.9	489.5	336.9
102.5°	1565.8	727.5	691.9	549.7	407.4
105°	1609.6	798.0	767.8	647.3	526.8
107.5°	1617.8	902.1	874.0	761.7	649.4
110°	1605.5	960.3	934.9	833.5	732.1

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1606.0	1030.7	1006.5	909.9	813.3
115°	1620.9	1136.4	1114.1	1024.8	935.7
117.5°	1651.0	1239.0	1218.8	1137.7	1056.8
120°	1675.5	1298.8	1279.7	1203.4	1127.2
122.5°	1710.7	1369.2	1349.9	1273.0	1196.1
125°	1758.2	1459.6	1442.0	1371.9	1301.8
127.5°	1805.7	1546.8	1529.2	1458.4	1387.6
130°	1840.4	1605.0	1586.0	1509.8	1433.5
132.5°	1868.5	1652.5	1633.5	1557.2	1481.0
135°	1899.1	1707.7	1690.3	1620.9	1551.5
137.5°	1945.0	1778.1	1760.9	1692.2	1623.4
140°	1973.1	1825.6	1809.7	1746.4	1683.1
142.5°	1996.6	1860.8	1846.2	1787.6	1729.0
145°	2027.2	1914.4	1901.7	1850.6	1799.5
147.5°	2072.2	1981.8	1969.3	1919.6	1869.9
150°	2095.6	2017.1	2005.8	1960.9	1915.9
152.5°	2111.0	2040.0	2031.6	1997.4	1963.4
155°	2144.6	2090.5	2084.2	2059.1	2033.8
157.5°	2178.4	2141.1	2135.0	2110.4	2086.0
160°	2193.7	2164.1	2159.3	2140.2	2121.2
162.5°	2210.0	2188.5	2185.0	2170.7	2156.4
165°	2233.5	2223.7	2220.5	2207.6	2194.6
167.5°	2251.8	2243.6	2242.2	2236.1	2229.9
170°	2267.1	2266.6	2265.1	2259.0	2252.9
172.5°	2268.2	2268.2	2267.9	2266.5	2265.1
175°	2277.4	2282.0	2282.0	2282.0	2282.0
177.5°	2278.4	2282.0	2282.0	2282.0	2282.0
180°	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935678

CATALOG NUMBER: SQ4-FA-125U-100D-B2750-1D-UNV-STD-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	12.88	13.67	13.90	14.70	16.08	15.73	16.52	16.75	17.55	18.93
	3H	13.35	14.06	14.38	15.10	16.50	17.08	17.79	18.11	18.83	20.23
	4H	13.54	14.21	14.58	15.25	16.66	17.52	18.20	18.57	19.24	20.65
	6H	13.65	14.27	14.71	15.32	16.74	17.81	18.43	18.86	19.47	20.90
	8H	13.65	14.24	14.71	15.30	16.72	17.88	18.47	18.94	19.54	20.95
	12H	13.62	14.18	14.69	15.24	16.68	17.92	18.48	18.99	19.54	20.98
4H	2H	13.91	14.58	14.96	15.62	17.03	16.13	16.80	17.18	17.84	19.25
	3H	14.93	15.49	15.99	16.56	17.98	17.63	18.20	18.69	19.27	20.69
	4H	15.20	15.72	16.27	16.78	18.22	18.16	18.68	19.23	19.74	21.18
	6H	15.32	15.76	16.40	16.85	18.29	18.53	18.97	19.61	20.06	21.50
	8H	15.33	15.74	16.40	16.82	18.27	18.64	19.05	19.72	20.13	21.58
	12H	15.29	15.66	16.38	16.75	18.21	18.70	19.07	19.79	20.16	21.62
8H	4H	15.65	16.07	16.73	17.14	18.60	18.28	18.70	19.36	19.77	21.23
	6H	15.91	16.25	17.01	17.37	18.82	18.72	19.06	19.82	20.18	21.63
	8H	15.95	16.25	17.06	17.35	18.82	18.88	19.18	19.98	20.28	21.75
	12H	15.93	16.20	17.04	17.29	18.80	18.98	19.24	20.09	20.34	21.85
12H	4H	15.66	16.03	16.75	17.12	18.58	18.24	18.62	19.34	19.71	21.17
	6H	15.97	16.27	17.08	17.37	18.84	18.72	19.02	19.82	20.12	21.59
	8H	16.04	16.30	17.15	17.40	18.90	18.88	19.14	19.99	20.24	21.75

END OF REPORT