

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: P935577

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935577
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

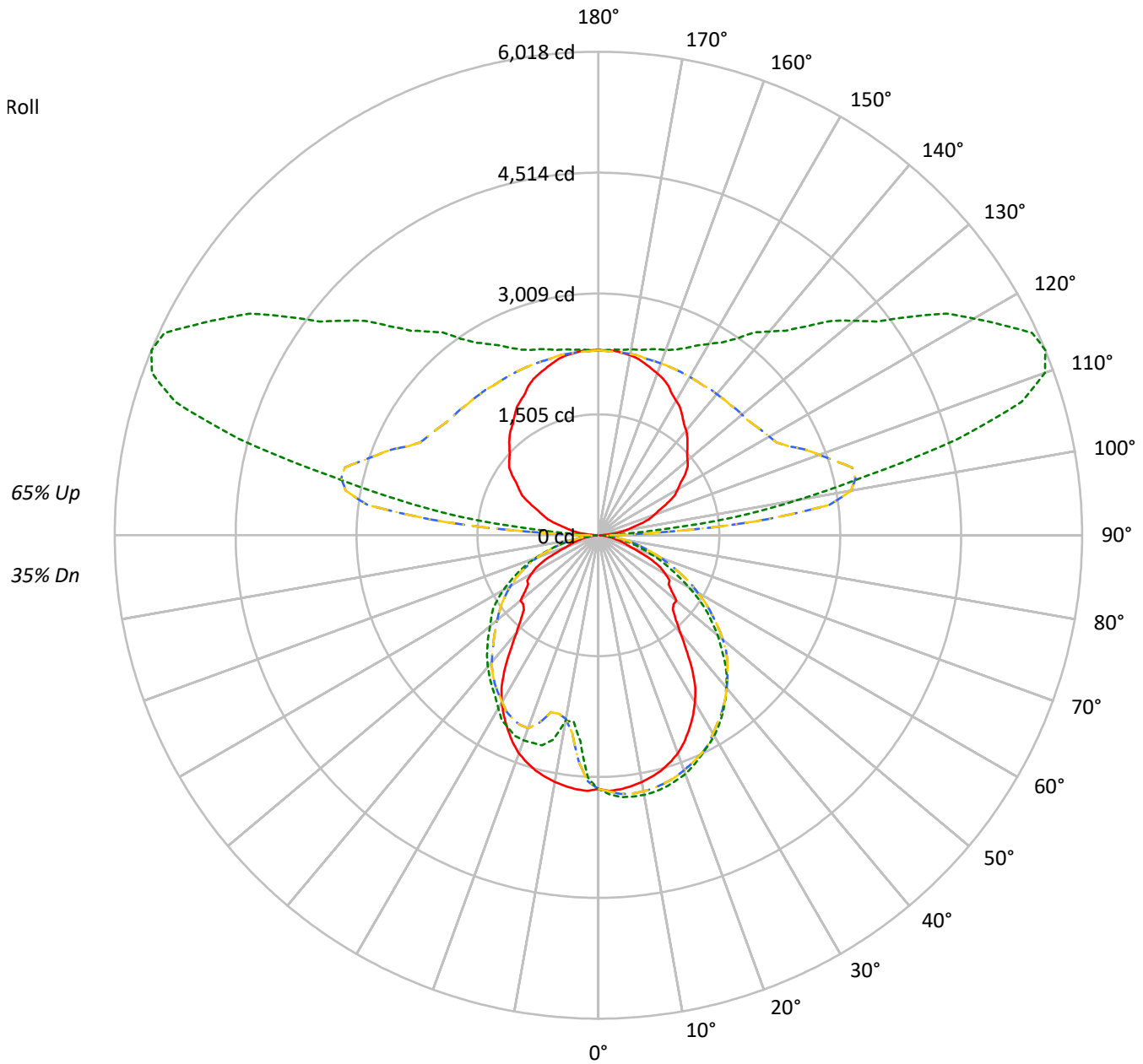
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23141.0 lumens
Efficiency: N/A
Efficacy: 138.7 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-Indirect

Input Watts (W): 166.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35			35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30			30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25			25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21			21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18			18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16			16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14			14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12			12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11			11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10			10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9			9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9769	9769	9769	9769
5°	9846	9862	9846	7754
10°	9784	9714	9784	6945
15°	9681	9504	9681	7936
20°	9482	9254	9482	7952
25°	9072	8891	9072	7784
30°	8539	8589	8539	7414
35°	7617	8207	7617	7007
40°	6350	7757	6350	6700
45°	5677	7231	5677	6347
50°	6036	6603	6036	5992
55°	5685	5927	5685	5787
60°	5867	5034	5867	5300
65°	5328	4161	5328	4652
70°	3698	3316	3698	3899
75°	3256	2451	3256	2935
80°	2643	1621	2643	1765
85°	1549	858	1549	730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8696 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.1	1.2
10°-20°	809.5	3.5
20°-30°	1251.3	5.4
30°-40°	1493.8	6.5
40°-50°	1502.5	6.5
50°-60°	1307.4	5.6
60°-70°	926.9	4.0
70°-80°	490.4	2.1
80°-90°	130.9	0.6
90°-100°	1123.6	4.9
100°-110°	2954.1	12.8
110°-120°	3063.1	13.2
120°-130°	2457.0	10.6
130°-140°	1927.8	8.3
140°-150°	1479.7	6.4
150°-160°	1065.6	4.6
160°-170°	652.0	2.8
170°-180°	220.3	1.0
0°-30°	2345.9	10.1
0°-40°	3839.7	16.6
0°-60°	6649.5	28.7
0°-90°	8197.8	35.4
90°-120°	7140.8	30.9
90°-150°	13005.2	56.2
90°-180°	14943.0	64.6
0°-180°	23141.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3158	3158	3158	3158	3158	
5°	3173	3272	3173	2573	3173	301
15°	3030	3242	3030	2707	3030	853
25°	2668	3024	2668	2648	2668	1225
35°	2029	2698	2029	2304	2029	1255
45°	1309	2223	1309	1951	1309	1048
55°	1067	1640	1067	1602	1067	980
65°	741	989	741	1106	741	708
75°	281	469	281	562	281	295
85°	48	120	48	102	48	65
90°	15	59	15	59	15	15
95°	148	679	148	679	148	165
105°	532	4626	532	4626	532	564
115°	945	5956	945	5956	945	934
125°	1315	4743	1315	4743	1315	1167
135°	1567	3680	1567	3680	1567	1213
145°	1818	2986	1818	2986	1818	1139
155°	2054	2571	2054	2571	2054	944
165°	2217	2395	2217	2395	2217	626
175°	2305	2321	2305	2321	2305	219
180°	2305	2305	2305	2305	2305	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3185.3	3185.3	3203.2	3209.2	3209.2	3200.2	3191.3	3200.2	3227.1	3236.1	3233.1
5°	3173.4	3197.3	3230.1	3236.1	3242.1	3239.1	3233.1	3239.1	3269.0	3274.9	3277.9
7.5°	3149.5	3194.3	3236.1	3245.1	3254.0	3245.1	3242.1	3248.1	3277.9	3283.9	3283.9
10°	3119.6	3182.3	3230.1	3236.1	3245.1	3236.1	3236.1	3248.1	3277.9	3283.9	3286.9
12.5°	3077.7	3164.4	3209.2	3215.2	3227.1	3224.2	3221.2	3233.1	3263.0	3269.0	3269.0
15°	3029.9	3131.5	3173.4	3179.3	3200.2	3194.3	3194.3	3206.2	3239.1	3248.1	3245.1
17.5°	2964.2	3089.7	3137.5	3146.5	3161.4	3158.4	3161.4	3173.4	3203.2	3209.2	3212.2
20°	2889.5	3032.9	3089.7	3098.7	3113.6	3113.6	3113.6	3128.5	3158.4	3170.4	3170.4
22.5°	2787.9	2973.2	3032.9	3038.9	3056.8	3056.8	3062.8	3083.7	3110.6	3113.6	3113.6
25°	2668.4	2907.4	2958.2	2976.1	2994.1	3003.0	3012.0	3024.0	3032.9	3029.9	3032.9
27.5°	2542.8	2823.8	2889.5	2901.4	2925.4	2934.3	2946.3	2949.3	2952.2	2961.2	2955.2
30°	2402.4	2707.2	2805.8	2817.8	2856.6	2862.6	2850.7	2856.6	2871.6	2877.5	2883.5
32.5°	2244.0	2533.8	2719.2	2746.1	2781.9	2764.0	2761.0	2770.0	2793.9	2793.9	2799.9
35°	2028.9	2399.4	2638.5	2662.4	2689.3	2668.4	2680.3	2683.3	2698.3	2707.2	2704.2
37.5°	1792.8	2282.8	2554.7	2572.7	2593.6	2566.7	2584.6	2593.6	2605.5	2599.6	2599.6
40°	1583.6	2100.6	2456.1	2468.1	2486.0	2465.1	2483.0	2489.0	2495.0	2489.0	2486.0
42.5°	1428.3	1900.4	2351.6	2366.5	2354.5	2369.5	2375.5	2387.4	2378.4	2366.5	2366.5
45°	1308.7	1846.6	2238.0	2255.9	2238.0	2261.9	2270.9	2270.9	2244.0	2238.0	2235.0
47.5°	1269.9	1739.0	2124.5	2124.5	2115.5	2145.4	2160.3	2139.4	2112.5	2103.6	2103.6
50°	1266.9	1619.5	1969.1	1957.1	1999.0	2034.8	2019.9	1999.0	1978.1	1945.2	1945.2
52.5°	1150.4	1473.1	1768.9	1813.7	1879.5	1900.4	1876.5	1855.5	1819.7	1804.8	1792.8
55°	1066.7	1320.7	1586.6	1676.3	1745.0	1771.9	1727.1	1706.1	1652.4	1643.4	1637.4
57.5°	1048.8	1099.6	1419.3	1532.8	1616.5	1613.5	1586.6	1547.8	1503.0	1494.0	1491.0
60°	962.1	794.8	1240.0	1374.5	1461.1	1452.2	1428.3	1392.4	1350.6	1344.6	1338.6
62.5°	872.5	576.7	1036.8	1189.2	1311.7	1308.7	1287.8	1234.0	1204.2	1189.2	1177.3
65°	741.0	484.1	738.0	989.0	1165.3	1171.3	1126.5	1087.6	1054.8	1036.8	1033.8
67.5°	564.7	394.4	499.0	824.7	1024.9	1018.9	962.1	944.2	902.4	893.4	875.5
70°	418.3	262.9	346.6	669.3	887.4	872.5	827.7	806.8	767.9	747.0	735.0
72.5°	346.6	212.1	254.0	519.9	747.0	729.1	690.2	666.3	633.5	615.5	603.6
75°	280.9	224.1	194.2	385.5	606.6	594.6	558.8	534.9	508.0	484.1	487.0
77.5°	206.2	209.2	155.4	283.9	481.1	463.1	442.2	412.3	400.4	376.5	376.5
80°	155.4	164.3	116.5	194.2	346.6	346.6	328.7	307.8	286.8	274.9	274.9
82.5°	104.6	104.6	86.7	122.5	236.1	227.1	215.1	209.2	197.2	191.2	191.2
85°	47.8	59.8	53.8	74.7	128.5	134.5	134.5	128.5	125.5	119.5	122.5
87.5°	14.9	26.9	32.9	41.8	65.7	68.7	71.7	71.7	71.7	74.7	74.7
90°	15.4	27.8	40.2	43.3	68.0	101.0	117.5	104.5	78.4	58.8	58.8
92.5°	61.9	167.0	272.3	298.6	419.8	581.4	662.1	580.3	416.6	293.9	282.3
95°	148.5	341.0	533.6	581.7	1032.9	1634.5	1935.3	1727.0	1310.3	997.9	962.4
97.5°	256.8	426.6	596.5	638.9	1391.3	2394.5	2896.1	2764.4	2501.1	2303.5	2236.1
100°	340.3	494.4	648.4	686.9	1521.8	2635.0	3191.6	3201.2	3220.5	3234.9	3154.6
102.5°	411.5	555.3	698.9	734.8	1581.6	2710.6	3275.1	3442.9	3778.4	4030.1	3961.4
105°	532.2	653.9	775.6	806.1	1626.0	2719.2	3265.8	3641.9	4394.2	4958.3	4921.3
107.5°	656.0	769.4	882.9	911.2	1634.2	2598.3	3080.2	3604.8	4654.0	5440.9	5449.9
110°	739.5	841.9	944.4	970.0	1621.8	2490.9	2925.5	3512.0	4685.0	5564.8	5603.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	821.5	919.1	1016.7	1041.1	1622.3	2397.3	2784.7	3385.0	4585.5	5485.9	5545.0
115°	945.2	1035.2	1125.4	1147.9	1637.3	2289.8	2616.1	3194.4	4350.8	5218.2	5300.2
117.5°	1067.5	1149.3	1231.2	1251.6	1667.7	2222.6	2500.1	3022.0	4065.7	4848.4	4939.4
120°	1138.6	1215.6	1292.7	1311.9	1692.5	2200.0	2453.6	2930.5	3884.2	4599.4	4687.8
122.5°	1208.2	1285.9	1363.6	1383.0	1728.1	2188.1	2418.1	2847.5	3706.2	4350.3	4437.5
125°	1315.0	1385.8	1456.6	1474.4	1776.1	2178.3	2379.3	2744.1	3473.6	4020.8	4101.0
127.5°	1401.7	1473.2	1544.7	1562.5	1824.0	2172.6	2346.9	2660.0	3286.4	3756.2	3823.9
130°	1448.1	1525.1	1602.1	1621.3	1859.0	2176.1	2334.5	2613.3	3171.0	3589.2	3651.7
132.5°	1496.0	1573.0	1650.1	1669.3	1887.4	2178.3	2323.7	2573.3	3072.5	3446.9	3502.9
135°	1567.2	1637.3	1707.4	1725.0	1918.4	2176.3	2305.1	2514.2	2932.2	3245.8	3294.1
137.5°	1639.9	1709.3	1778.8	1796.1	1964.7	2189.6	2302.1	2478.7	2832.1	3097.2	3136.7
140°	1700.2	1764.1	1828.1	1844.1	1993.1	2191.8	2291.2	2443.8	2749.1	2978.0	3015.0
142.5°	1746.6	1805.7	1864.9	1879.7	2016.8	2199.8	2291.2	2425.3	2693.5	2894.6	2926.3
145°	1817.8	1869.4	1921.0	1933.8	2047.8	2199.8	2275.8	2385.4	2604.7	2769.2	2793.3
147.5°	1888.9	1939.1	1989.3	2001.9	2093.2	2214.9	2275.8	2362.0	2534.6	2664.0	2683.9
150°	1935.3	1980.7	2026.2	2037.5	2116.9	2222.8	2275.8	2348.7	2494.4	2603.6	2619.8
152.5°	1983.3	2017.7	2052.2	2060.7	2132.4	2228.0	2275.8	2338.0	2462.4	2555.7	2568.0
155°	2054.4	2079.9	2105.3	2111.7	2166.4	2239.3	2275.8	2325.3	2424.3	2498.5	2506.5
157.5°	2107.1	2131.8	2156.6	2162.8	2200.5	2250.7	2275.8	2314.2	2391.2	2449.0	2454.6
160°	2142.7	2161.9	2181.2	2186.0	2215.9	2255.8	2275.8	2308.7	2374.8	2424.3	2427.6
162.5°	2178.3	2192.7	2207.1	2210.7	2232.4	2261.3	2275.8	2303.6	2359.3	2401.1	2404.1
165°	2216.9	2229.9	2243.0	2246.3	2256.1	2269.2	2275.8	2295.7	2335.5	2365.4	2368.7
167.5°	2252.6	2258.7	2264.9	2266.4	2274.7	2285.7	2291.2	2304.2	2330.3	2350.0	2351.4
170°	2275.8	2281.9	2288.1	2289.6	2290.1	2290.8	2291.2	2304.2	2330.3	2350.0	2350.0
172.5°	2288.1	2289.5	2290.9	2291.2	2291.2	2291.2	2291.2	2301.6	2322.2	2337.6	2336.4
175°	2305.1	2305.1	2305.1	2305.1	2300.5	2294.3	2291.2	2297.8	2310.8	2320.6	2320.6
177.5°	2305.1	2305.1	2305.1	2305.1	2301.6	2296.7	2294.3	2299.5	2309.7	2317.5	2316.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3239.1	3230.1	3239.1	3233.1	3236.1	3227.1	3200.2	3191.3	3200.2	3209.2	3209.2
5°	3277.9	3272.0	3277.9	3277.9	3274.9	3269.0	3239.1	3233.1	3239.1	3242.1	3236.1
7.5°	3289.9	3280.9	3289.9	3283.9	3283.9	3277.9	3248.1	3242.1	3245.1	3254.0	3245.1
10°	3289.9	3280.9	3289.9	3286.9	3283.9	3277.9	3248.1	3236.1	3236.1	3245.1	3236.1
12.5°	3274.9	3269.0	3274.9	3269.0	3269.0	3263.0	3233.1	3221.2	3224.2	3227.1	3215.2
15°	3251.0	3242.1	3251.0	3245.1	3248.1	3239.1	3206.2	3194.3	3194.3	3200.2	3179.3
17.5°	3215.2	3203.2	3215.2	3212.2	3209.2	3203.2	3173.4	3161.4	3158.4	3161.4	3146.5
20°	3173.4	3164.4	3173.4	3170.4	3170.4	3158.4	3128.5	3113.6	3113.6	3113.6	3098.7
22.5°	3107.6	3098.7	3107.6	3113.6	3113.6	3110.6	3083.7	3062.8	3056.8	3056.8	3038.9
25°	3032.9	3024.0	3032.9	3032.9	3029.9	3032.9	3024.0	3012.0	3003.0	2994.1	2976.1
27.5°	2961.2	2955.2	2961.2	2955.2	2961.2	2952.2	2949.3	2946.3	2934.3	2925.4	2901.4
30°	2889.5	2883.5	2889.5	2883.5	2877.5	2871.6	2856.6	2850.7	2862.6	2856.6	2817.8
32.5°	2799.9	2793.9	2799.9	2799.9	2793.9	2793.9	2770.0	2761.0	2764.0	2781.9	2746.1
35°	2707.2	2698.3	2707.2	2704.2	2707.2	2698.3	2683.3	2680.3	2668.4	2689.3	2662.4
37.5°	2599.6	2590.6	2599.6	2599.6	2599.6	2605.5	2593.6	2584.6	2566.7	2593.6	2572.7
40°	2489.0	2477.1	2489.0	2486.0	2489.0	2495.0	2489.0	2483.0	2465.1	2486.0	2468.1
42.5°	2363.5	2360.5	2363.5	2366.5	2366.5	2378.4	2387.4	2375.5	2369.5	2354.5	2366.5
45°	2229.0	2223.1	2229.0	2235.0	2238.0	2244.0	2270.9	2270.9	2261.9	2238.0	2255.9
47.5°	2085.6	2070.7	2085.6	2103.6	2103.6	2112.5	2139.4	2160.3	2145.4	2115.5	2124.5
50°	1933.2	1936.2	1933.2	1945.2	1945.2	1978.1	1999.0	2019.9	2034.8	1999.0	1957.1
52.5°	1783.8	1780.8	1783.8	1792.8	1804.8	1819.7	1855.5	1876.5	1900.4	1879.5	1813.7
55°	1634.4	1640.4	1634.4	1637.4	1643.4	1652.4	1706.1	1727.1	1771.9	1745.0	1676.3
57.5°	1485.0	1476.1	1485.0	1491.0	1494.0	1503.0	1547.8	1586.6	1613.5	1616.5	1532.8
60°	1311.7	1299.8	1311.7	1338.6	1344.6	1350.6	1392.4	1428.3	1452.2	1461.1	1374.5
62.5°	1159.3	1138.4	1159.3	1177.3	1189.2	1204.2	1234.0	1287.8	1308.7	1311.7	1189.2
65°	998.0	989.0	998.0	1033.8	1036.8	1054.8	1087.6	1126.5	1171.3	1165.3	989.0
67.5°	851.6	851.6	851.6	875.5	893.4	902.4	944.2	962.1	1018.9	1024.9	824.7
70°	717.1	714.1	717.1	735.0	747.0	767.9	806.8	827.7	872.5	887.4	669.3
72.5°	588.6	585.6	588.6	603.6	615.5	633.5	666.3	690.2	729.1	747.0	519.9
75°	475.1	469.1	475.1	487.0	484.1	508.0	534.9	558.8	594.6	606.6	385.5
77.5°	364.5	364.5	364.5	376.5	376.5	400.4	412.3	442.2	463.1	481.1	283.9
80°	271.9	268.9	271.9	274.9	274.9	286.8	307.8	328.7	346.6	346.6	194.2
82.5°	191.2	185.3	191.2	191.2	191.2	197.2	209.2	215.1	227.1	236.1	122.5
85°	119.5	119.5	119.5	122.5	119.5	125.5	128.5	134.5	134.5	128.5	74.7
87.5°	77.7	74.7	77.7	74.7	74.7	71.7	71.7	71.7	68.7	65.7	41.8
90°	58.8	58.8	58.8	58.8	58.8	78.4	104.5	117.5	101.0	68.0	43.3
92.5°	235.5	188.7	235.5	282.3	293.9	416.6	580.3	662.1	581.4	419.8	298.6
95°	820.8	679.2	820.8	962.4	997.9	1310.3	1727.0	1935.3	1634.5	1032.9	581.7
97.5°	1966.6	1697.1	1966.6	2236.1	2303.5	2501.1	2764.4	2896.1	2394.5	1391.3	638.9
100°	2833.5	2512.4	2833.5	3154.6	3234.9	3220.5	3201.2	3191.6	2635.0	1521.8	686.9
102.5°	3686.3	3411.3	3686.3	3961.4	4030.1	3778.4	3442.9	3275.1	2710.6	1581.6	734.8
105°	4773.5	4625.7	4773.5	4921.3	4958.3	4394.2	3641.9	3265.8	2719.2	1626.0	806.1
107.5°	5485.7	5521.4	5485.7	5449.9	5440.9	4654.0	3604.8	3080.2	2598.3	1634.2	911.2
110°	5757.3	5911.3	5757.3	5603.3	5564.8	4685.0	3512.0	2925.5	2490.9	1621.8	970.0



TEST NUMBER: P935577

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5781.5	6018.0	5781.5	5545.0	5485.9	4585.5	3385.0	2784.7	2397.3	1622.3	1041.1
115°	5628.2	5956.2	5628.2	5300.2	5218.2	4350.8	3194.4	2616.1	2289.8	1637.3	1147.9
117.5°	5303.1	5666.8	5303.1	4939.4	4848.4	4065.7	3022.0	2500.1	2222.6	1667.7	1251.6
120°	5041.2	5394.5	5041.2	4687.8	4599.4	3884.2	2930.5	2453.6	2200.0	1692.5	1311.9
122.5°	4786.1	5134.7	4786.1	4437.5	4350.3	3706.2	2847.5	2418.1	2188.1	1728.1	1383.0
125°	4422.1	4743.3	4422.1	4101.0	4020.8	3473.6	2744.1	2379.3	2178.3	1776.1	1474.4
127.5°	4094.9	4365.8	4094.9	3823.9	3756.2	3286.4	2660.0	2346.9	2172.6	1824.0	1562.5
130°	3902.0	4152.3	3902.0	3651.7	3589.2	3171.0	2613.3	2334.5	2176.1	1859.0	1621.3
132.5°	3727.0	3951.1	3727.0	3502.9	3446.9	3072.5	2573.3	2323.7	2178.3	1887.4	1669.3
135°	3487.2	3680.4	3487.2	3294.1	3245.8	2932.2	2514.2	2305.1	2176.3	1918.4	1725.0
137.5°	3294.9	3453.0	3294.9	3136.7	3097.2	2832.1	2478.7	2302.1	2189.6	1964.7	1796.1
140°	3162.9	3310.7	3162.9	3015.0	2978.0	2749.1	2443.8	2291.2	2191.8	1993.1	1844.1
142.5°	3053.5	3180.7	3053.5	2926.3	2894.6	2693.5	2425.3	2291.2	2199.8	2016.8	1879.7
145°	2889.5	2985.8	2889.5	2793.3	2769.2	2604.7	2385.4	2275.8	2199.8	2047.8	1933.8
147.5°	2763.7	2843.5	2763.7	2683.9	2664.0	2534.6	2362.0	2275.8	2214.9	2093.2	2001.9
150°	2684.5	2749.2	2684.5	2619.8	2603.6	2494.4	2348.7	2275.8	2222.8	2116.9	2037.5
152.5°	2616.8	2665.6	2616.8	2568.0	2555.7	2462.4	2338.0	2275.8	2228.0	2132.4	2060.7
155°	2538.9	2571.2	2538.9	2506.5	2498.5	2424.3	2325.3	2275.8	2239.3	2166.4	2111.7
157.5°	2477.4	2500.1	2477.4	2454.6	2449.0	2391.2	2314.2	2275.8	2250.7	2200.5	2162.8
160°	2440.6	2453.6	2440.6	2427.6	2424.3	2374.8	2308.7	2275.8	2255.8	2215.9	2186.0
162.5°	2416.5	2428.8	2416.5	2404.1	2401.1	2359.3	2303.6	2275.8	2261.3	2232.4	2210.7
165°	2381.7	2394.9	2381.7	2368.7	2365.4	2335.5	2295.7	2275.8	2269.2	2256.1	2246.3
167.5°	2356.8	2362.3	2356.8	2351.4	2350.0	2330.3	2304.2	2291.2	2285.7	2274.7	2266.4
170°	2350.0	2350.0	2350.0	2350.0	2350.0	2330.3	2304.2	2291.2	2290.8	2290.1	2289.6
172.5°	2331.5	2326.8	2331.5	2336.4	2337.6	2322.2	2301.6	2291.2	2291.2	2291.2	2291.2
175°	2320.6	2320.6	2320.6	2320.6	2320.6	2310.8	2297.8	2291.2	2294.3	2300.5	2305.1
177.5°	2310.6	2305.1	2310.6	2316.1	2317.5	2309.7	2299.5	2294.3	2296.7	2301.6	2305.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1



TEST NUMBER: P935577
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3203.2	3185.3	3185.3	3155.4	3143.5	3134.5	3119.6	3074.8	3062.8	3050.8	3068.8
5°	3230.1	3197.3	3173.4	3119.6	3074.8	3056.8	3000.1	2892.5	2820.8	2767.0	2737.1
7.5°	3236.1	3194.3	3149.5	3065.8	2958.2	2910.4	2737.1	2539.8	2486.0	2438.2	2408.3
10°	3230.1	3182.3	3119.6	2994.1	2740.1	2656.4	2483.0	2354.5	2321.7	2312.7	2321.7
12.5°	3209.2	3164.4	3077.7	2868.6	2512.9	2456.1	2354.5	2279.8	2273.9	2288.8	2369.5
15°	3173.4	3131.5	3029.9	2701.3	2387.4	2345.6	2273.9	2247.0	2279.8	2384.4	2626.5
17.5°	3137.5	3089.7	2964.2	2536.8	2291.8	2261.9	2211.1	2264.9	2450.2	2590.6	2671.4
20°	3089.7	3032.9	2889.5	2417.3	2223.1	2196.2	2172.3	2414.3	2554.7	2605.5	2650.5
22.5°	3032.9	2973.2	2787.9	2333.6	2151.4	2130.4	2145.4	2498.0	2554.7	2590.6	2629.4
25°	2958.2	2907.4	2668.4	2267.9	2094.6	2070.7	2127.5	2489.0	2521.9	2530.8	2608.5
27.5°	2889.5	2823.8	2542.8	2208.1	2025.9	2016.9	2142.4	2450.2	2474.1	2483.0	2566.7
30°	2805.8	2707.2	2402.4	2145.4	1954.2	1951.2	2145.4	2402.4	2396.4	2420.3	2503.9
32.5°	2719.2	2533.8	2244.0	2067.7	1885.4	1882.4	2124.5	2330.6	2324.7	2357.5	2420.3
35°	2638.5	2399.4	2028.9	1978.1	1798.8	1801.8	2073.7	2247.0	2250.0	2279.8	2318.7
37.5°	2554.7	2282.8	1792.8	1879.5	1715.1	1715.1	2004.9	2169.3	2163.3	2172.3	2226.1
40°	2456.1	2100.6	1583.6	1751.0	1637.4	1628.5	1921.3	2085.6	2064.7	2061.7	2136.4
42.5°	2351.6	1900.4	1428.3	1580.7	1547.8	1535.8	1819.7	1984.0	1945.2	1954.2	2049.8
45°	2238.0	1846.6	1308.7	1335.6	1455.2	1446.2	1709.1	1867.5	1840.6	1864.5	1963.1
47.5°	2124.5	1739.0	1269.9	1108.5	1356.6	1353.6	1586.6	1754.0	1739.0	1762.9	1867.5
50°	1969.1	1619.5	1266.9	950.2	1246.0	1257.9	1440.2	1643.4	1643.4	1664.3	1774.9
52.5°	1768.9	1473.1	1150.4	860.5	1117.5	1153.4	1311.7	1547.8	1553.8	1574.7	1673.3
55°	1586.6	1320.7	1066.7	791.8	965.1	1042.8	1186.2	1449.2	1461.1	1482.0	1571.7
57.5°	1419.3	1099.6	1048.8	711.1	824.7	899.4	1075.7	1353.6	1359.5	1377.5	1464.1
60°	1240.0	794.8	962.1	624.5	702.2	759.0	974.1	1240.0	1260.9	1272.9	1347.6
62.5°	1036.8	576.7	872.5	564.7	642.4	654.4	890.4	1132.5	1159.3	1168.3	1213.1
65°	738.0	484.1	741.0	513.9	579.7	582.7	800.8	1021.9	1045.8	1060.7	1093.6
67.5°	499.0	394.4	564.7	466.1	531.9	534.9	714.1	893.4	926.3	938.2	959.1
70°	346.6	262.9	418.3	415.3	478.1	484.1	621.5	776.9	806.8	815.7	827.7
72.5°	254.0	212.1	346.6	373.5	421.3	427.3	525.9	645.4	675.3	684.3	690.2
75°	194.2	224.1	280.9	325.7	358.6	361.5	430.3	525.9	546.8	552.8	555.8
77.5°	155.4	209.2	206.2	262.9	292.8	286.8	337.6	406.4	424.3	424.3	424.3
80°	116.5	164.3	155.4	188.2	215.1	209.2	242.0	289.8	295.8	301.8	298.8
82.5°	86.7	104.6	104.6	119.5	143.4	137.4	161.4	188.2	188.2	188.2	194.2
85°	53.8	59.8	47.8	62.7	80.7	77.7	89.6	101.6	104.6	104.6	98.6
87.5°	32.9	26.9	14.9	23.9	35.9	35.9	41.8	44.8	41.8	41.8	41.8
90°	40.2	27.8	15.4	27.8	40.2	43.3	68.0	101.0	117.5	104.5	78.4
92.5°	272.3	167.0	61.9	167.0	272.3	298.6	419.8	581.4	662.1	580.3	416.6
95°	533.6	341.0	148.5	341.0	533.6	581.7	1032.9	1634.5	1935.3	1727.0	1310.3
97.5°	596.5	426.6	256.8	426.6	596.5	638.9	1391.3	2394.5	2896.1	2764.4	2501.1
100°	648.4	494.4	340.3	494.4	648.4	686.9	1521.8	2635.0	3191.6	3201.2	3220.5
102.5°	698.9	555.3	411.5	555.3	698.9	734.8	1581.6	2710.6	3275.1	3442.9	3778.4
105°	775.6	653.9	532.2	653.9	775.6	806.1	1626.0	2719.2	3265.8	3641.9	4394.2
107.5°	882.9	769.4	656.0	769.4	882.9	911.2	1634.2	2598.3	3080.2	3604.8	4654.0
110°	944.4	841.9	739.5	841.9	944.4	970.0	1621.8	2490.9	2925.5	3512.0	4685.0



TEST NUMBER: P935577

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1016.7	919.1	821.5	919.1	1016.7	1041.1	1622.3	2397.3	2784.7	3385.0	4585.5
115°	1125.4	1035.2	945.2	1035.2	1125.4	1147.9	1637.3	2289.8	2616.1	3194.4	4350.8
117.5°	1231.2	1149.3	1067.5	1149.3	1231.2	1251.6	1667.7	2222.6	2500.1	3022.0	4065.7
120°	1292.7	1215.6	1138.6	1215.6	1292.7	1311.9	1692.5	2200.0	2453.6	2930.5	3884.2
122.5°	1363.6	1285.9	1208.2	1285.9	1363.6	1383.0	1728.1	2188.1	2418.1	2847.5	3706.2
125°	1456.6	1385.8	1315.0	1385.8	1456.6	1474.4	1776.1	2178.3	2379.3	2744.1	3473.6
127.5°	1544.7	1473.2	1401.7	1473.2	1544.7	1562.5	1824.0	2172.6	2346.9	2660.0	3286.4
130°	1602.1	1525.1	1448.1	1525.1	1602.1	1621.3	1859.0	2176.1	2334.5	2613.3	3171.0
132.5°	1650.1	1573.0	1496.0	1573.0	1650.1	1669.3	1887.4	2178.3	2323.7	2573.3	3072.5
135°	1707.4	1637.3	1567.2	1637.3	1707.4	1725.0	1918.4	2176.3	2305.1	2514.2	2932.2
137.5°	1778.8	1709.3	1639.9	1709.3	1778.8	1796.1	1964.7	2189.6	2302.1	2478.7	2832.1
140°	1828.1	1764.1	1700.2	1764.1	1828.1	1844.1	1993.1	2191.8	2291.2	2443.8	2749.1
142.5°	1864.9	1805.7	1746.6	1805.7	1864.9	1879.7	2016.8	2199.8	2291.2	2425.3	2693.5
145°	1921.0	1869.4	1817.8	1869.4	1921.0	1933.8	2047.8	2199.8	2275.8	2385.4	2604.7
147.5°	1989.3	1939.1	1888.9	1939.1	1989.3	2001.9	2093.2	2214.9	2275.8	2362.0	2534.6
150°	2026.2	1980.7	1935.3	1980.7	2026.2	2037.5	2116.9	2222.8	2275.8	2348.7	2494.4
152.5°	2052.2	2017.7	1983.3	2017.7	2052.2	2060.7	2132.4	2228.0	2275.8	2338.0	2462.4
155°	2105.3	2079.9	2054.4	2079.9	2105.3	2111.7	2166.4	2239.3	2275.8	2325.3	2424.3
157.5°	2156.6	2131.8	2107.1	2131.8	2156.6	2162.8	2200.5	2250.7	2275.8	2314.2	2391.2
160°	2181.2	2161.9	2142.7	2161.9	2181.2	2186.0	2215.9	2255.8	2275.8	2308.7	2374.8
162.5°	2207.1	2192.7	2178.3	2192.7	2207.1	2210.7	2232.4	2261.3	2275.8	2303.6	2359.3
165°	2243.0	2229.9	2216.9	2229.9	2243.0	2246.3	2256.1	2269.2	2275.8	2295.7	2335.5
167.5°	2264.9	2258.7	2252.6	2258.7	2264.9	2266.4	2274.7	2285.7	2291.2	2304.2	2330.3
170°	2288.1	2281.9	2275.8	2281.9	2288.1	2289.6	2290.1	2290.8	2291.2	2304.2	2330.3
172.5°	2290.9	2289.5	2288.1	2289.5	2290.9	2291.2	2291.2	2291.2	2291.2	2301.6	2322.2
175°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2300.5	2294.3	2291.2	2297.8	2310.8
177.5°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2301.6	2296.7	2294.3	2299.5	2309.7
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1



TEST NUMBER: P935577
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3047.9	3038.9	3050.8	3018.0	3050.8	3038.9	3047.9	3068.8	3050.8	3062.8	3074.8
5°	2674.4	2659.4	2611.5	2572.7	2611.5	2659.4	2674.4	2737.1	2767.0	2820.8	2892.5
7.5°	2390.4	2378.4	2366.5	2342.6	2366.5	2378.4	2390.4	2408.3	2438.2	2486.0	2539.8
10°	2327.7	2330.6	2348.6	2345.6	2348.6	2330.6	2327.7	2321.7	2312.7	2321.7	2354.5
12.5°	2489.0	2515.9	2614.5	2608.5	2614.5	2515.9	2489.0	2369.5	2288.8	2273.9	2279.8
15°	2674.4	2683.3	2704.2	2707.2	2704.2	2683.3	2674.4	2626.5	2384.4	2279.8	2247.0
17.5°	2692.3	2695.3	2710.2	2710.2	2710.2	2695.3	2692.3	2671.4	2590.6	2450.2	2264.9
20°	2677.3	2683.3	2713.2	2719.2	2713.2	2683.3	2677.3	2650.5	2605.5	2554.7	2414.3
22.5°	2671.4	2683.3	2707.2	2704.2	2707.2	2683.3	2671.4	2629.4	2590.6	2554.7	2498.0
25°	2641.5	2641.5	2644.5	2647.5	2644.5	2641.5	2641.5	2608.5	2530.8	2521.9	2489.0
27.5°	2578.6	2584.6	2602.5	2599.6	2602.5	2584.6	2578.6	2566.7	2483.0	2474.1	2450.2
30°	2521.9	2515.9	2501.0	2489.0	2501.0	2515.9	2521.9	2503.9	2420.3	2396.4	2402.4
32.5°	2426.3	2411.3	2396.4	2387.4	2396.4	2411.3	2426.3	2420.3	2357.5	2324.7	2330.6
35°	2312.7	2315.7	2312.7	2303.7	2312.7	2315.7	2312.7	2318.7	2279.8	2250.0	2247.0
37.5°	2232.0	2238.0	2235.0	2223.1	2235.0	2238.0	2232.0	2226.1	2172.3	2163.3	2169.3
40°	2148.4	2151.4	2148.4	2139.4	2148.4	2151.4	2148.4	2136.4	2061.7	2064.7	2085.6
42.5°	2067.7	2064.7	2055.7	2049.8	2055.7	2064.7	2067.7	2049.8	1954.2	1945.2	1984.0
45°	1975.1	1978.1	1960.1	1951.2	1960.1	1978.1	1975.1	1963.1	1864.5	1840.6	1867.5
47.5°	1882.4	1882.4	1867.5	1858.5	1867.5	1882.4	1882.4	1867.5	1762.9	1739.0	1754.0
50°	1783.8	1780.8	1759.9	1756.9	1759.9	1780.8	1783.8	1774.9	1664.3	1643.4	1643.4
52.5°	1670.3	1670.3	1673.3	1679.3	1673.3	1670.3	1670.3	1673.3	1574.7	1553.8	1547.8
55°	1571.7	1574.7	1595.6	1601.6	1595.6	1574.7	1571.7	1571.7	1482.0	1461.1	1449.2
57.5°	1470.1	1470.1	1485.0	1485.0	1485.0	1470.1	1470.1	1464.1	1377.5	1359.5	1353.6
60°	1353.6	1359.5	1371.5	1368.5	1371.5	1359.5	1353.6	1347.6	1272.9	1260.9	1240.0
62.5°	1231.1	1237.0	1240.0	1234.0	1240.0	1237.0	1231.1	1213.1	1168.3	1159.3	1132.5
65°	1102.6	1108.5	1111.5	1105.6	1111.5	1108.5	1102.6	1093.6	1060.7	1045.8	1021.9
67.5°	971.1	968.1	965.1	977.1	965.1	968.1	971.1	959.1	938.2	926.3	893.4
70°	836.6	836.6	833.7	839.6	833.7	836.6	836.6	827.7	815.7	806.8	776.9
72.5°	693.2	690.2	702.2	693.2	702.2	690.2	693.2	690.2	684.3	675.3	645.4
75°	552.8	558.8	552.8	561.7	552.8	558.8	552.8	555.8	552.8	546.8	525.9
77.5°	421.3	427.3	421.3	421.3	421.3	427.3	421.3	424.3	424.3	424.3	406.4
80°	298.8	295.8	295.8	292.8	295.8	295.8	298.8	298.8	301.8	295.8	289.8
82.5°	191.2	188.2	188.2	194.2	188.2	188.2	191.2	194.2	188.2	188.2	188.2
85°	104.6	107.6	101.6	101.6	101.6	107.6	104.6	98.6	104.6	104.6	101.6
87.5°	38.8	35.9	35.9	35.9	35.9	35.9	38.8	41.8	41.8	41.8	44.8
90°	58.8	58.8	58.8	58.8	58.8	58.8	58.8	78.4	104.5	117.5	101.0
92.5°	293.9	282.3	235.5	188.7	235.5	282.3	293.9	416.6	580.3	662.1	581.4
95°	997.9	962.4	820.8	679.2	820.8	962.4	997.9	1310.3	1727.0	1935.3	1634.5
97.5°	2303.5	2236.1	1966.6	1697.1	1966.6	2236.1	2303.5	2501.1	2764.4	2896.1	2394.5
100°	3234.9	3154.6	2833.5	2512.4	2833.5	3154.6	3234.9	3220.5	3201.2	3191.6	2635.0
102.5°	4030.1	3961.4	3686.3	3411.3	3686.3	3961.4	4030.1	3778.4	3442.9	3275.1	2710.6
105°	4958.3	4921.3	4773.5	4625.7	4773.5	4921.3	4958.3	4394.2	3641.9	3265.8	2719.2
107.5°	5440.9	5449.9	5485.7	5521.4	5485.7	5449.9	5440.9	4654.0	3604.8	3080.2	2598.3
110°	5564.8	5603.3	5757.3	5911.3	5757.3	5603.3	5564.8	4685.0	3512.0	2925.5	2490.9



TEST NUMBER: P935577

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5485.9	5545.0	5781.5	6018.0	5781.5	5545.0	5485.9	4585.5	3385.0	2784.7	2397.3
115°	5218.2	5300.2	5628.2	5956.2	5628.2	5300.2	5218.2	4350.8	3194.4	2616.1	2289.8
117.5°	4848.4	4939.4	5303.1	5666.8	5303.1	4939.4	4848.4	4065.7	3022.0	2500.1	2222.6
120°	4599.4	4687.8	5041.2	5394.5	5041.2	4687.8	4599.4	3884.2	2930.5	2453.6	2200.0
122.5°	4350.3	4437.5	4786.1	5134.7	4786.1	4437.5	4350.3	3706.2	2847.5	2418.1	2188.1
125°	4020.8	4101.0	4422.1	4743.3	4422.1	4101.0	4020.8	3473.6	2744.1	2379.3	2178.3
127.5°	3756.2	3823.9	4094.9	4365.8	4094.9	3823.9	3756.2	3286.4	2660.0	2346.9	2172.6
130°	3589.2	3651.7	3902.0	4152.3	3902.0	3651.7	3589.2	3171.0	2613.3	2334.5	2176.1
132.5°	3446.9	3502.9	3727.0	3951.1	3727.0	3502.9	3446.9	3072.5	2573.3	2323.7	2178.3
135°	3245.8	3294.1	3487.2	3680.4	3487.2	3294.1	3245.8	2932.2	2514.2	2305.1	2176.3
137.5°	3097.2	3136.7	3294.9	3453.0	3294.9	3136.7	3097.2	2832.1	2478.7	2302.1	2189.6
140°	2978.0	3015.0	3162.9	3310.7	3162.9	3015.0	2978.0	2749.1	2443.8	2291.2	2191.8
142.5°	2894.6	2926.3	3053.5	3180.7	3053.5	2926.3	2894.6	2693.5	2425.3	2291.2	2199.8
145°	2769.2	2793.3	2889.5	2985.8	2889.5	2793.3	2769.2	2604.7	2385.4	2275.8	2199.8
147.5°	2664.0	2683.9	2763.7	2843.5	2763.7	2683.9	2664.0	2534.6	2362.0	2275.8	2214.9
150°	2603.6	2619.8	2684.5	2749.2	2684.5	2619.8	2603.6	2494.4	2348.7	2275.8	2222.8
152.5°	2555.7	2568.0	2616.8	2665.6	2616.8	2568.0	2555.7	2462.4	2338.0	2275.8	2228.0
155°	2498.5	2506.5	2538.9	2571.2	2538.9	2506.5	2498.5	2424.3	2325.3	2275.8	2239.3
157.5°	2449.0	2454.6	2477.4	2500.1	2477.4	2454.6	2449.0	2391.2	2314.2	2275.8	2250.7
160°	2424.3	2427.6	2440.6	2453.6	2440.6	2427.6	2424.3	2374.8	2308.7	2275.8	2255.8
162.5°	2401.1	2404.1	2416.5	2428.8	2416.5	2404.1	2401.1	2359.3	2303.6	2275.8	2261.3
165°	2365.4	2368.7	2381.7	2394.9	2381.7	2368.7	2365.4	2335.5	2295.7	2275.8	2269.2
167.5°	2350.0	2351.4	2356.8	2362.3	2356.8	2351.4	2350.0	2330.3	2304.2	2291.2	2285.7
170°	2350.0	2350.0	2350.0	2350.0	2350.0	2350.0	2350.0	2330.3	2304.2	2291.2	2290.8
172.5°	2337.6	2336.4	2331.5	2326.8	2331.5	2336.4	2337.6	2322.2	2301.6	2291.2	2291.2
175°	2320.6	2320.6	2320.6	2320.6	2320.6	2320.6	2320.6	2310.8	2297.8	2291.2	2294.3
177.5°	2317.5	2316.1	2310.6	2305.1	2310.6	2316.1	2317.5	2309.7	2299.5	2294.3	2296.7
180°	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1	2305.1



TEST NUMBER: P935577

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3158.4	3158.4	3158.4	3158.4	3158.4
2.5°	3119.6	3134.5	3143.5	3155.4	3185.3
5°	3000.1	3056.8	3074.8	3119.6	3173.4
7.5°	2737.1	2910.4	2958.2	3065.8	3149.5
10°	2483.0	2656.4	2740.1	2994.1	3119.6
12.5°	2354.5	2456.1	2512.9	2868.6	3077.7
15°	2273.9	2345.6	2387.4	2701.3	3029.9
17.5°	2211.1	2261.9	2291.8	2536.8	2964.2
20°	2172.3	2196.2	2223.1	2417.3	2889.5
22.5°	2145.4	2130.4	2151.4	2333.6	2787.9
25°	2127.5	2070.7	2094.6	2267.9	2668.4
27.5°	2142.4	2016.9	2025.9	2208.1	2542.8
30°	2145.4	1951.2	1954.2	2145.4	2402.4
32.5°	2124.5	1882.4	1885.4	2067.7	2244.0
35°	2073.7	1801.8	1798.8	1978.1	2028.9
37.5°	2004.9	1715.1	1715.1	1879.5	1792.8
40°	1921.3	1628.5	1637.4	1751.0	1583.6
42.5°	1819.7	1535.8	1547.8	1580.7	1428.3
45°	1709.1	1446.2	1455.2	1335.6	1308.7
47.5°	1586.6	1353.6	1356.6	1108.5	1269.9
50°	1440.2	1257.9	1246.0	950.2	1266.9
52.5°	1311.7	1153.4	1117.5	860.5	1150.4
55°	1186.2	1042.8	965.1	791.8	1066.7
57.5°	1075.7	899.4	824.7	711.1	1048.8
60°	974.1	759.0	702.2	624.5	962.1
62.5°	890.4	654.4	642.4	564.7	872.5
65°	800.8	582.7	579.7	513.9	741.0
67.5°	714.1	534.9	531.9	466.1	564.7
70°	621.5	484.1	478.1	415.3	418.3
72.5°	525.9	427.3	421.3	373.5	346.6
75°	430.3	361.5	358.6	325.7	280.9
77.5°	337.6	286.8	292.8	262.9	206.2
80°	242.0	209.2	215.1	188.2	155.4
82.5°	161.4	137.4	143.4	119.5	104.6
85°	89.6	77.7	80.7	62.7	47.8
87.5°	41.8	35.9	35.9	23.9	14.9
90°	68.0	43.3	40.2	27.8	15.4
92.5°	419.8	298.6	272.3	167.0	61.9
95°	1032.9	581.7	533.6	341.0	148.5
97.5°	1391.3	638.9	596.5	426.6	256.8
100°	1521.8	686.9	648.4	494.4	340.3
102.5°	1581.6	734.8	698.9	555.3	411.5
105°	1626.0	806.1	775.6	653.9	532.2
107.5°	1634.2	911.2	882.9	769.4	656.0
110°	1621.8	970.0	944.4	841.9	739.5



TEST NUMBER: P935577

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1622.3	1041.1	1016.7	919.1	821.5
115°	1637.3	1147.9	1125.4	1035.2	945.2
117.5°	1667.7	1251.6	1231.2	1149.3	1067.5
120°	1692.5	1311.9	1292.7	1215.6	1138.6
122.5°	1728.1	1383.0	1363.6	1285.9	1208.2
125°	1776.1	1474.4	1456.6	1385.8	1315.0
127.5°	1824.0	1562.5	1544.7	1473.2	1401.7
130°	1859.0	1621.3	1602.1	1525.1	1448.1
132.5°	1887.4	1669.3	1650.1	1573.0	1496.0
135°	1918.4	1725.0	1707.4	1637.3	1567.2
137.5°	1964.7	1796.1	1778.8	1709.3	1639.9
140°	1993.1	1844.1	1828.1	1764.1	1700.2
142.5°	2016.8	1879.7	1864.9	1805.7	1746.6
145°	2047.8	1933.8	1921.0	1869.4	1817.8
147.5°	2093.2	2001.9	1989.3	1939.1	1888.9
150°	2116.9	2037.5	2026.2	1980.7	1935.3
152.5°	2132.4	2060.7	2052.2	2017.7	1983.3
155°	2166.4	2111.7	2105.3	2079.9	2054.4
157.5°	2200.5	2162.8	2156.6	2131.8	2107.1
160°	2215.9	2186.0	2181.2	2161.9	2142.7
162.5°	2232.4	2210.7	2207.1	2192.7	2178.3
165°	2256.1	2246.3	2243.0	2229.9	2216.9
167.5°	2274.7	2266.4	2264.9	2258.7	2252.6
170°	2290.1	2289.6	2288.1	2281.9	2275.8
172.5°	2291.2	2291.2	2290.9	2289.5	2288.1
175°	2300.5	2305.1	2305.1	2305.1	2305.1
177.5°	2301.6	2305.1	2305.1	2305.1	2305.1
180°	2305.1	2305.1	2305.1	2305.1	2305.1



TEST NUMBER: P935577
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.21	11.95	12.28	13.03	14.49	14.06	14.80	15.13	15.88	17.34
	3H	11.68	12.34	12.76	13.43	14.91	15.40	16.07	16.49	17.15	18.64
	4H	11.86	12.49	12.96	13.58	15.07	15.85	16.48	16.94	17.56	19.05
	6H	11.97	12.56	13.08	13.64	15.14	16.13	16.71	17.23	17.80	19.30
	8H	11.97	12.53	13.08	13.63	15.12	16.20	16.76	17.31	17.86	19.36
	12H	11.94	12.46	13.05	13.56	15.08	16.24	16.77	17.35	17.86	19.38
4H	2H	12.23	12.86	13.33	13.95	15.44	14.45	15.09	15.55	16.17	17.66
	3H	13.25	13.77	14.35	14.89	16.39	15.95	16.48	17.06	17.59	19.09
	4H	13.52	14.00	14.63	15.10	16.63	16.48	16.97	17.59	18.07	19.59
	6H	13.64	14.05	14.76	15.18	16.69	16.85	17.26	17.97	18.38	19.90
	8H	13.64	14.03	14.76	15.14	16.67	16.95	17.34	18.07	18.46	19.99
	12H	13.60	13.95	14.74	15.08	16.62	17.01	17.36	18.14	18.49	20.02
8H	4H	13.97	14.35	15.09	15.47	17.00	16.60	16.98	17.72	18.10	19.63
	6H	14.22	14.54	15.36	15.70	17.23	17.03	17.35	18.17	18.51	20.04
	8H	14.26	14.54	15.41	15.68	17.23	17.19	17.47	18.33	18.61	20.15
	12H	14.24	14.49	15.39	15.62	17.21	17.29	17.53	18.44	18.67	20.25
12H	4H	13.97	14.32	15.10	15.45	16.98	16.56	16.91	17.69	18.03	19.57
	6H	14.28	14.56	15.43	15.70	17.25	17.03	17.31	18.18	18.45	20.00
	8H	14.34	14.59	15.50	15.73	17.31	17.19	17.43	18.34	18.57	20.15