

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: P934543

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934543
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

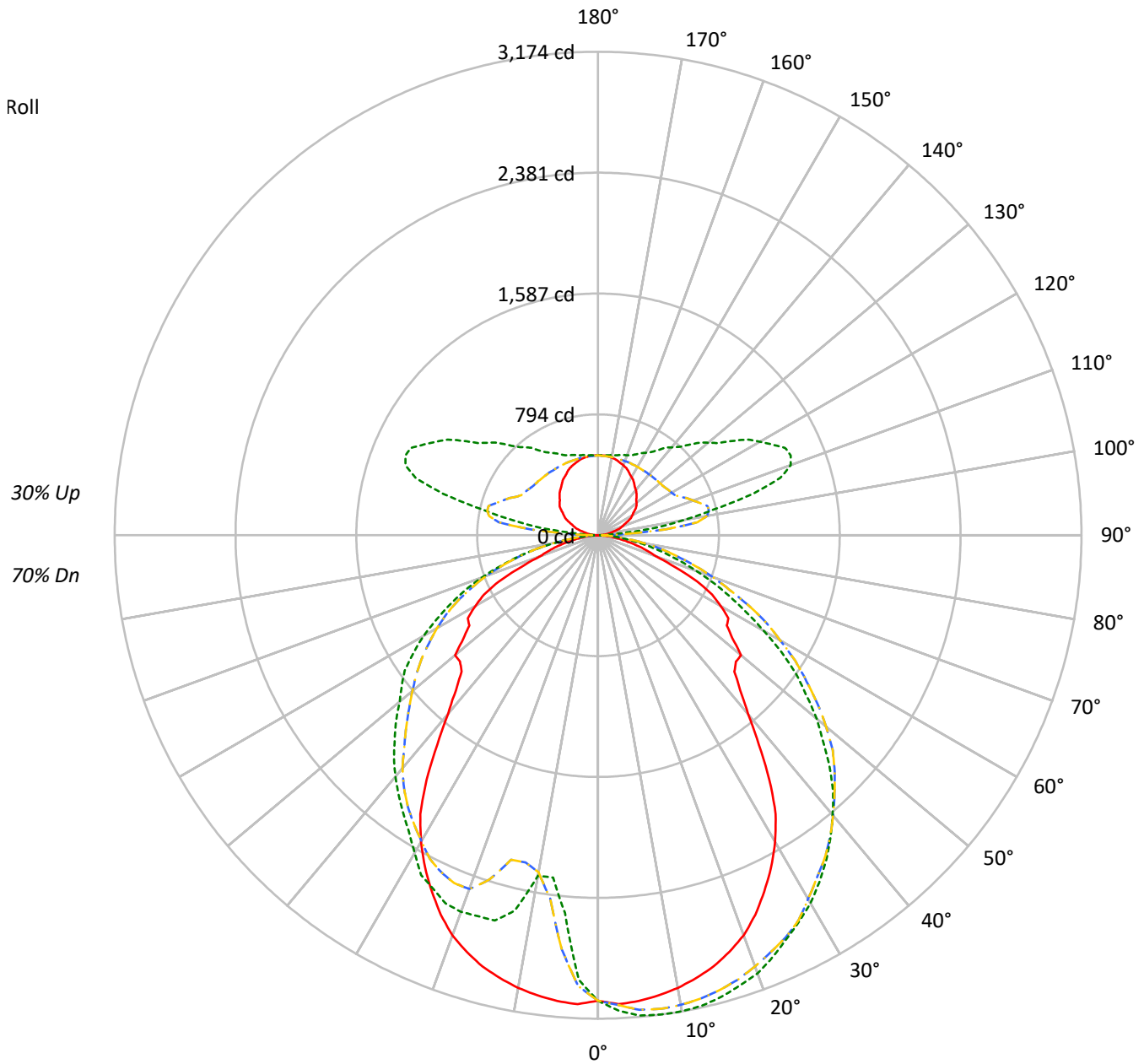
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11324.9 lumens
Efficiency: N/A
Efficacy: 101.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 112
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70	
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	63	59	
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50	
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42	
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36	
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31	
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27	
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24	
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24	24	24	24	22	
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19	
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14176	14176	14176	14176
5°	14281	14310	14281	11252
10°	14186	14096	14186	10078
15°	14032	13790	14032	11515
20°	13738	13428	13738	11539
25°	13138	12901	13138	11295
30°	12362	12463	12362	10758
35°	11020	11909	11020	10168
40°	9182	11256	9182	9722
45°	8205	10493	8205	9209
50°	8716	9582	8716	8695
55°	8201	8601	8201	8398
60°	8453	7305	8453	7691
65°	7665	6039	7665	6750
70°	5308	4812	5308	5658
75°	4653	3557	4653	4259
80°	3750	2352	3750	2561
85°	2152	1245	2152	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12575 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.8	2.4
10°-20°	783.1	6.9
20°-30°	1210.5	10.7
30°-40°	1445.1	12.8
40°-50°	1453.5	12.8
50°-60°	1264.8	11.2
60°-70°	896.7	7.9
70°-80°	474.4	4.2
80°-90°	120.2	1.1
90°-100°	255.7	2.3
100°-110°	672.3	5.9
110°-120°	697.1	6.2
120°-130°	559.2	4.9
130°-140°	438.7	3.9
140°-150°	336.8	3.0
150°-160°	242.5	2.1
160°-170°	148.4	1.3
170°-180°	50.1	0.4
0°-30°	2269.4	20.0
0°-40°	3714.4	32.8
0°-60°	6432.7	56.8
0°-90°	7924.0	70.0
90°-120°	1625.1	14.4
90°-150°	2959.8	26.1
90°-180°	3401.0	30.0
0°-180°	11324.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3055	3055	3055	3055	3055	
5°	3070	3165	3070	2489	3070	291
15°	2931	3136	2931	2619	2931	825
25°	2581	2925	2581	2561	2581	1185
35°	1963	2610	1963	2229	1963	1214
45°	1266	2151	1266	1888	1266	1014
55°	1032	1587	1032	1549	1032	948
65°	717	957	717	1070	717	685
75°	272	454	272	543	272	286
85°	46	116	46	98	46	62
90°	4	13	4	13	4	5
95°	34	155	34	155	34	38
105°	121	1053	121	1053	121	128
115°	215	1356	215	1356	215	212
125°	299	1080	299	1080	299	266
135°	357	838	357	838	357	276
145°	414	680	414	680	414	259
155°	468	585	468	585	468	215
165°	504	545	504	545	504	142
175°	525	528	525	528	525	50
180°	525	525	525	525	525	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3081.4	3081.4	3098.7	3104.5	3104.5	3095.9	3087.2	3095.9	3121.8	3130.5	3127.6
5°	3069.8	3093.0	3124.7	3130.5	3136.3	3133.5	3127.6	3133.5	3162.3	3168.1	3171.0
7.5°	3046.7	3090.1	3130.5	3139.2	3147.9	3139.2	3136.3	3142.1	3171.0	3176.8	3176.8
10°	3017.8	3078.5	3124.7	3130.5	3139.2	3130.5	3130.5	3142.1	3171.0	3176.8	3179.7
12.5°	2977.3	3061.1	3104.5	3110.3	3121.8	3118.9	3116.1	3127.6	3156.5	3162.3	3162.3
15°	2931.1	3029.3	3069.8	3075.6	3095.9	3090.1	3090.1	3101.6	3133.5	3142.1	3139.2
17.5°	2867.5	2988.9	3035.1	3043.8	3058.3	3055.4	3058.3	3069.8	3098.7	3104.5	3107.4
20°	2795.2	2933.9	2988.9	2997.6	3012.0	3012.0	3012.0	3026.4	3055.4	3066.9	3066.9
22.5°	2696.9	2876.2	2933.9	2939.7	2957.1	2957.1	2962.9	2983.1	3009.1	3012.0	3012.0
25°	2581.3	2812.6	2861.7	2879.0	2896.3	2905.1	2913.8	2925.3	2933.9	2931.1	2933.9
27.5°	2459.9	2731.6	2795.2	2806.8	2829.9	2838.6	2850.1	2853.0	2855.9	2864.6	2858.8
30°	2324.1	2618.9	2714.2	2725.9	2763.4	2769.2	2757.6	2763.4	2777.9	2783.7	2789.4
32.5°	2170.9	2451.3	2630.5	2656.5	2691.2	2673.8	2670.9	2679.6	2702.7	2702.7	2708.5
35°	1962.7	2321.2	2552.4	2575.5	2601.5	2581.3	2592.9	2595.8	2610.2	2618.9	2616.0
37.5°	1734.4	2208.4	2471.5	2488.8	2509.1	2483.0	2500.4	2509.1	2520.6	2514.8	2514.8
40°	1532.0	2032.1	2376.1	2387.6	2405.0	2384.7	2402.1	2407.9	2413.7	2407.9	2405.0
42.5°	1381.7	1838.4	2274.9	2289.3	2277.8	2292.2	2298.0	2309.6	2300.9	2289.3	2289.3
45°	1266.1	1786.4	2165.0	2182.4	2165.0	2188.2	2196.9	2196.9	2170.9	2165.0	2162.1
47.5°	1228.5	1682.3	2055.2	2055.2	2046.6	2075.4	2089.9	2069.6	2043.7	2035.0	2035.0
50°	1225.6	1566.7	1904.9	1893.3	1933.8	1968.5	1954.1	1933.8	1913.6	1881.8	1881.8
52.5°	1112.8	1425.0	1711.2	1754.6	1818.2	1838.4	1815.3	1795.0	1760.4	1745.9	1734.4
55°	1032.0	1277.7	1535.0	1621.6	1688.1	1714.1	1670.8	1650.5	1598.5	1589.9	1584.1
57.5°	1014.6	1063.7	1373.0	1482.9	1563.8	1560.9	1535.0	1497.4	1454.0	1445.3	1442.5
60°	930.7	768.9	1199.6	1329.7	1413.5	1404.9	1381.7	1347.0	1306.6	1300.8	1295.0
62.5°	844.0	557.9	1003.0	1150.4	1269.0	1266.1	1245.8	1193.8	1164.9	1150.4	1138.9
65°	716.9	468.3	714.0	956.8	1127.4	1133.1	1089.8	1052.2	1020.3	1003.0	1000.2
67.5°	546.3	381.5	482.8	797.8	991.5	985.7	930.7	913.4	873.0	864.3	847.0
70°	404.7	254.4	335.3	647.5	858.5	844.0	800.7	780.5	742.9	722.7	711.1
72.5°	335.3	205.2	245.7	503.0	722.7	705.3	667.8	644.6	612.8	595.5	583.9
75°	271.7	216.8	187.9	372.9	586.8	575.3	540.6	517.4	491.4	468.3	471.1
77.5°	199.4	202.3	150.3	274.6	465.4	448.1	427.8	398.9	387.3	364.2	364.2
80°	150.3	159.0	112.7	187.9	335.3	335.3	318.0	297.7	277.5	266.0	266.0
82.5°	101.1	101.1	83.8	118.6	228.4	219.7	208.2	202.3	190.8	185.0	185.0
85°	46.2	57.8	52.0	72.3	124.3	130.1	130.1	124.3	121.4	115.6	118.6
87.5°	14.4	26.1	31.8	40.5	63.6	66.5	69.4	69.4	69.4	72.3	72.3
90°	3.5	6.3	9.1	9.8	15.5	23.0	26.7	23.7	17.9	13.4	13.4
92.5°	14.1	38.0	62.0	68.0	95.6	132.3	150.7	132.0	94.8	66.9	64.2
95°	33.8	77.6	121.5	132.4	235.1	372.0	440.5	393.1	298.3	227.1	219.1
97.5°	58.4	97.0	135.7	145.4	316.6	544.9	659.1	629.2	569.2	524.3	508.9
100°	77.5	112.5	147.5	156.3	346.3	599.7	726.4	728.6	732.9	736.2	717.9
102.5°	93.7	126.4	159.0	167.2	359.9	616.9	745.4	783.6	859.9	917.2	901.5
105°	121.1	148.8	176.5	183.5	370.1	618.9	743.3	828.8	1000.1	1128.5	1120.0
107.5°	149.3	175.1	200.9	207.4	371.9	591.3	701.0	820.4	1059.2	1238.3	1240.4
110°	168.3	191.6	215.0	220.8	369.2	566.9	665.8	799.3	1066.2	1266.4	1275.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	187.0	209.2	231.4	236.9	369.2	545.6	633.8	770.3	1043.6	1248.5	1262.0
115°	215.2	235.7	256.2	261.3	372.7	521.2	595.4	727.0	990.2	1187.6	1206.2
117.5°	242.9	261.5	280.2	284.9	379.6	505.8	568.9	687.7	925.3	1103.4	1124.1
120°	259.1	276.7	294.2	298.6	385.2	500.7	558.4	666.9	883.9	1046.7	1066.8
122.5°	274.9	292.6	310.3	314.7	393.2	498.0	550.3	648.0	843.5	990.1	1009.9
125°	299.3	315.3	331.5	335.5	404.2	495.7	541.5	624.5	790.6	915.1	933.4
127.5°	319.0	335.2	351.5	355.6	415.1	494.5	534.1	605.4	748.0	854.9	870.3
130°	329.5	347.0	364.6	369.0	423.0	495.2	531.3	594.7	721.7	816.8	831.1
132.5°	340.5	358.0	375.6	379.9	429.5	495.7	528.9	585.7	699.3	784.4	797.2
135°	356.7	372.7	388.5	392.6	436.5	495.2	524.6	572.2	667.3	738.6	749.7
137.5°	373.3	389.1	404.9	408.8	447.1	498.3	523.9	564.2	644.6	704.9	713.9
140°	386.9	401.5	416.0	419.7	453.6	498.8	521.4	556.2	625.6	677.8	686.1
142.5°	397.5	410.9	424.4	427.7	459.0	500.6	521.4	551.9	613.0	658.8	666.0
145°	413.7	425.4	437.2	440.1	466.1	500.7	517.9	542.9	592.9	630.3	635.7
147.5°	429.9	441.3	452.8	455.6	476.3	504.1	517.9	537.6	576.8	606.3	610.8
150°	440.5	450.8	461.1	463.7	481.8	505.9	517.9	534.5	567.7	592.6	596.3
152.5°	451.4	459.3	467.0	469.0	485.3	507.1	517.9	532.1	560.4	581.7	584.5
155°	467.5	473.4	479.2	480.6	493.1	509.7	517.9	529.2	551.7	568.6	570.5
157.5°	479.5	485.1	490.8	492.2	500.8	512.2	517.9	526.7	544.2	557.3	558.6
160°	487.6	492.1	496.4	497.5	504.4	513.4	517.9	525.5	540.4	551.7	552.4
162.5°	495.7	499.1	502.3	503.2	508.1	514.7	517.9	524.3	537.0	546.5	547.2
165°	504.5	507.5	510.4	511.2	513.4	516.4	517.9	522.5	531.5	538.4	539.1
167.5°	512.6	514.0	515.5	515.8	517.7	520.2	521.4	524.4	530.4	534.9	535.2
170°	517.9	519.3	520.8	521.1	521.2	521.4	521.4	524.4	530.4	534.9	534.9
172.5°	520.8	521.1	521.4	521.4	521.4	521.4	521.4	523.8	528.5	532.0	531.8
175°	524.6	524.6	524.6	524.6	523.6	522.1	521.4	522.9	525.9	528.1	528.1
177.5°	524.6	524.6	524.6	524.6	523.8	522.6	522.1	523.3	525.6	527.4	527.1
180°	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3133.5	3124.7	3133.5	3127.6	3130.5	3121.8	3095.9	3087.2	3095.9	3104.5	3104.5
5°	3171.0	3165.2	3171.0	3171.0	3168.1	3162.3	3133.5	3127.6	3133.5	3136.3	3130.5
7.5°	3182.6	3173.9	3182.6	3176.8	3176.8	3171.0	3142.1	3136.3	3139.2	3147.9	3139.2
10°	3182.6	3173.9	3182.6	3179.7	3176.8	3171.0	3142.1	3130.5	3130.5	3139.2	3130.5
12.5°	3168.1	3162.3	3168.1	3162.3	3162.3	3156.5	3127.6	3116.1	3118.9	3121.8	3110.3
15°	3145.0	3136.3	3145.0	3139.2	3142.1	3133.5	3101.6	3090.1	3090.1	3095.9	3075.6
17.5°	3110.3	3098.7	3110.3	3107.4	3104.5	3098.7	3069.8	3058.3	3055.4	3058.3	3043.8
20°	3069.8	3061.1	3069.8	3066.9	3066.9	3055.4	3026.4	3012.0	3012.0	3012.0	2997.6
22.5°	3006.2	2997.6	3006.2	3012.0	3012.0	3009.1	2983.1	2962.9	2957.1	2957.1	2939.7
25°	2933.9	2925.3	2933.9	2933.9	2931.1	2933.9	2925.3	2913.8	2905.1	2896.3	2879.0
27.5°	2864.6	2858.8	2864.6	2858.8	2864.6	2855.9	2853.0	2850.1	2838.6	2829.9	2806.8
30°	2795.2	2789.4	2795.2	2789.4	2783.7	2777.9	2763.4	2757.6	2769.2	2763.4	2725.9
32.5°	2708.5	2702.7	2708.5	2708.5	2702.7	2702.7	2679.6	2670.9	2673.8	2691.2	2656.5
35°	2618.9	2610.2	2618.9	2616.0	2618.9	2610.2	2595.8	2592.9	2581.3	2601.5	2575.5
37.5°	2514.8	2506.2	2514.8	2514.8	2514.8	2520.6	2509.1	2500.4	2483.0	2509.1	2488.8
40°	2407.9	2396.3	2407.9	2405.0	2407.9	2413.7	2407.9	2402.1	2384.7	2405.0	2387.6
42.5°	2286.5	2283.6	2286.5	2289.3	2289.3	2300.9	2309.6	2298.0	2292.2	2277.8	2289.3
45°	2156.4	2150.6	2156.4	2162.1	2165.0	2170.9	2196.9	2196.9	2188.2	2165.0	2182.4
47.5°	2017.6	2003.2	2017.6	2035.0	2035.0	2043.7	2069.6	2089.9	2075.4	2046.6	2055.2
50°	1870.2	1873.1	1870.2	1881.8	1881.8	1913.6	1933.8	1954.1	1968.5	1933.8	1893.3
52.5°	1725.7	1722.8	1725.7	1734.4	1745.9	1760.4	1795.0	1815.3	1838.4	1818.2	1754.6
55°	1581.2	1587.0	1581.2	1584.1	1589.9	1598.5	1650.5	1670.8	1714.1	1688.1	1621.6
57.5°	1436.6	1427.9	1436.6	1442.5	1445.3	1454.0	1497.4	1535.0	1560.9	1563.8	1482.9
60°	1269.0	1257.4	1269.0	1295.0	1300.8	1306.6	1347.0	1381.7	1404.9	1413.5	1329.7
62.5°	1121.6	1101.3	1121.6	1138.9	1150.4	1164.9	1193.8	1245.8	1266.1	1269.0	1150.4
65°	965.4	956.8	965.4	1000.2	1003.0	1020.3	1052.2	1089.8	1133.1	1127.4	956.8
67.5°	823.8	823.8	823.8	847.0	864.3	873.0	913.4	930.7	985.7	991.5	797.8
70°	693.7	690.8	693.7	711.1	722.7	742.9	780.5	800.7	844.0	858.5	647.5
72.5°	569.4	566.5	569.4	583.9	595.5	612.8	644.6	667.8	705.3	722.7	503.0
75°	459.6	453.8	459.6	471.1	468.3	491.4	517.4	540.6	575.3	586.8	372.9
77.5°	352.7	352.7	352.7	364.2	364.2	387.3	398.9	427.8	448.1	465.4	274.6
80°	263.1	260.2	263.1	266.0	266.0	277.5	297.7	318.0	335.3	335.3	187.9
82.5°	185.0	179.2	185.0	185.0	185.0	190.8	202.3	208.2	219.7	228.4	118.6
85°	115.6	115.6	115.6	118.6	115.6	121.4	124.3	130.1	130.1	124.3	72.3
87.5°	75.2	72.3	75.2	72.3	72.3	69.4	69.4	69.4	66.5	63.6	40.5
90°	13.4	13.4	13.4	13.4	13.4	17.9	23.7	26.7	23.0	15.5	9.8
92.5°	53.6	43.0	53.6	64.2	66.9	94.8	132.0	150.7	132.3	95.6	68.0
95°	186.8	154.6	186.8	219.1	227.1	298.3	393.1	440.5	372.0	235.1	132.4
97.5°	447.6	386.2	447.6	508.9	524.3	569.2	629.2	659.1	544.9	316.6	145.4
100°	644.9	571.8	644.9	717.9	736.2	732.9	728.6	726.4	599.7	346.3	156.3
102.5°	838.9	776.3	838.9	901.5	917.2	859.9	783.6	745.4	616.9	359.9	167.2
105°	1086.4	1052.7	1086.4	1120.0	1128.5	1000.1	828.8	743.3	618.9	370.1	183.5
107.5°	1248.5	1256.6	1248.5	1240.4	1238.3	1059.2	820.4	701.0	591.3	371.9	207.4
110°	1310.2	1345.3	1310.2	1275.2	1266.4	1066.2	799.3	665.8	566.9	369.2	220.8



TEST NUMBER: P934543

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1315.8	1369.6	1315.8	1262.0	1248.5	1043.6	770.3	633.8	545.6	369.2	236.9
115°	1280.9	1355.5	1280.9	1206.2	1187.6	990.2	727.0	595.4	521.2	372.7	261.3
117.5°	1207.0	1289.7	1207.0	1124.1	1103.4	925.3	687.7	568.9	505.8	379.6	284.9
120°	1147.3	1227.7	1147.3	1066.8	1046.7	883.9	666.9	558.4	500.7	385.2	298.6
122.5°	1089.3	1168.6	1089.3	1009.9	990.1	843.5	648.0	550.3	498.0	393.2	314.7
125°	1006.4	1079.5	1006.4	933.4	915.1	790.6	624.5	541.5	495.7	404.2	335.5
127.5°	931.9	993.6	931.9	870.3	854.9	748.0	605.4	534.1	494.5	415.1	355.6
130°	888.0	945.0	888.0	831.1	816.8	721.7	594.7	531.3	495.2	423.0	369.0
132.5°	848.2	899.2	848.2	797.2	784.4	699.3	585.7	528.9	495.7	429.5	379.9
135°	793.7	837.6	793.7	749.7	738.6	667.3	572.2	524.6	495.2	436.5	392.6
137.5°	749.9	785.9	749.9	713.9	704.9	644.6	564.2	523.9	498.3	447.1	408.8
140°	719.8	753.4	719.8	686.1	677.8	625.6	556.2	521.4	498.8	453.6	419.7
142.5°	694.9	723.9	694.9	666.0	658.8	613.0	551.9	521.4	500.6	459.0	427.7
145°	657.7	679.5	657.7	635.7	630.3	592.9	542.9	517.9	500.7	466.1	440.1
147.5°	629.0	647.2	629.0	610.8	606.3	576.8	537.6	517.9	504.1	476.3	455.6
150°	611.0	625.6	611.0	596.3	592.6	567.7	534.5	517.9	505.9	481.8	463.7
152.5°	595.6	606.7	595.6	584.5	581.7	560.4	532.1	517.9	507.1	485.3	469.0
155°	577.8	585.2	577.8	570.5	568.6	551.7	529.2	517.9	509.7	493.1	480.6
157.5°	563.8	568.9	563.8	558.6	557.3	544.2	526.7	517.9	512.2	500.8	492.2
160°	555.4	558.4	555.4	552.4	551.7	540.4	525.5	517.9	513.4	504.4	497.5
162.5°	550.0	552.8	550.0	547.2	546.5	537.0	524.3	517.9	514.7	508.1	503.2
165°	542.0	545.0	542.0	539.1	538.4	531.5	522.5	517.9	516.4	513.4	511.2
167.5°	536.4	537.7	536.4	535.2	534.9	530.4	524.4	521.4	520.2	517.7	515.8
170°	534.9	534.9	534.9	534.9	534.9	530.4	524.4	521.4	521.4	521.2	521.1
172.5°	530.7	529.6	530.7	531.8	532.0	528.5	523.8	521.4	521.4	521.4	521.4
175°	528.1	528.1	528.1	528.1	528.1	525.9	522.9	521.4	522.1	523.6	524.6
177.5°	525.9	524.6	525.9	527.1	527.4	525.6	523.3	522.1	522.6	523.8	524.6
180°	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6



TEST NUMBER: P934543

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3098.7	3081.4	3081.4	3052.5	3041.0	3032.2	3017.8	2974.4	2962.9	2951.3	2968.7
5°	3124.7	3093.0	3069.8	3017.8	2974.4	2957.1	2902.2	2798.1	2728.8	2676.7	2647.8
7.5°	3130.5	3090.1	3046.7	2965.8	2861.7	2815.5	2647.8	2457.0	2405.0	2358.8	2329.8
10°	3124.7	3078.5	3017.8	2896.3	2650.7	2569.7	2402.1	2277.8	2246.0	2237.3	2246.0
12.5°	3104.5	3061.1	2977.3	2775.0	2431.0	2376.1	2277.8	2205.5	2199.7	2214.2	2292.2
15°	3069.8	3029.3	2931.1	2613.1	2309.6	2269.2	2199.7	2173.8	2205.5	2306.7	2540.9
17.5°	3035.1	2988.9	2867.5	2454.2	2217.1	2188.2	2139.1	2191.1	2370.3	2506.2	2584.2
20°	2988.9	2933.9	2795.2	2338.5	2150.6	2124.6	2101.5	2335.6	2471.5	2520.6	2564.0
22.5°	2933.9	2876.2	2696.9	2257.5	2081.3	2061.0	2075.4	2416.6	2471.5	2506.2	2543.8
25°	2861.7	2812.6	2581.3	2194.0	2026.3	2003.2	2058.1	2407.9	2439.6	2448.4	2523.5
27.5°	2795.2	2731.6	2459.9	2136.2	1959.8	1951.2	2072.5	2370.3	2393.4	2402.1	2483.0
30°	2714.2	2618.9	2324.1	2075.4	1890.4	1887.5	2075.4	2324.1	2318.3	2341.4	2422.3
32.5°	2630.5	2451.3	2170.9	2000.3	1824.0	1821.1	2055.2	2254.6	2248.9	2280.7	2341.4
35°	2552.4	2321.2	1962.7	1913.6	1740.1	1743.0	2006.1	2173.8	2176.7	2205.5	2243.1
37.5°	2471.5	2208.4	1734.4	1818.2	1659.2	1659.2	1939.6	2098.6	2092.8	2101.5	2153.5
40°	2376.1	2032.1	1532.0	1693.9	1584.1	1575.4	1858.7	2017.6	1997.4	1994.6	2066.8
42.5°	2274.9	1838.4	1381.7	1529.1	1497.4	1485.8	1760.4	1919.4	1881.8	1890.4	1982.9
45°	2165.0	1786.4	1266.1	1292.1	1407.7	1399.1	1653.4	1806.7	1780.6	1803.7	1899.2
47.5°	2055.2	1682.3	1228.5	1072.4	1312.4	1309.5	1535.0	1696.8	1682.3	1705.4	1806.7
50°	1904.9	1566.7	1225.6	919.2	1205.3	1217.0	1393.3	1589.9	1589.9	1610.0	1717.1
52.5°	1711.2	1425.0	1112.8	832.5	1081.1	1115.7	1269.0	1497.4	1503.1	1523.3	1618.7
55°	1535.0	1277.7	1032.0	766.0	933.6	1008.8	1147.6	1402.0	1413.5	1433.7	1520.4
57.5°	1373.0	1063.7	1014.6	688.0	797.8	870.1	1040.6	1309.5	1315.2	1332.6	1416.4
60°	1199.6	768.9	930.7	604.1	679.3	734.2	942.4	1199.6	1219.9	1231.4	1303.7
62.5°	1003.0	557.9	844.0	546.3	621.5	633.1	861.4	1095.5	1121.6	1130.3	1173.6
65°	714.0	468.3	716.9	497.2	560.7	563.6	774.7	988.6	1011.7	1026.1	1057.9
67.5°	482.8	381.5	546.3	450.9	514.5	517.4	690.8	864.3	896.1	907.7	927.9
70°	335.3	254.4	404.7	401.8	462.5	468.3	601.2	751.5	780.5	789.1	800.7
72.5°	245.7	205.2	335.3	361.3	407.6	413.4	508.7	624.4	653.2	661.9	667.8
75°	187.9	216.8	271.7	315.1	346.9	349.8	416.2	508.7	529.0	534.8	537.7
77.5°	150.3	202.3	199.4	254.4	283.3	277.5	326.6	393.2	410.5	410.5	410.5
80°	112.7	159.0	150.3	182.1	208.2	202.3	234.1	280.4	286.1	291.9	289.0
82.5°	83.8	101.1	101.1	115.6	138.7	133.0	156.1	182.1	182.1	182.1	187.9
85°	52.0	57.8	46.2	60.7	78.1	75.2	86.7	98.3	101.1	101.1	95.4
87.5°	31.8	26.1	14.4	23.1	34.7	34.7	40.5	43.4	40.5	40.5	40.5
90°	9.1	6.3	3.5	6.3	9.1	9.8	15.5	23.0	26.7	23.7	17.9
92.5°	62.0	38.0	14.1	38.0	62.0	68.0	95.6	132.3	150.7	132.0	94.8
95°	121.5	77.6	33.8	77.6	121.5	132.4	235.1	372.0	440.5	393.1	298.3
97.5°	135.7	97.0	58.4	97.0	135.7	145.4	316.6	544.9	659.1	629.2	569.2
100°	147.5	112.5	77.5	112.5	147.5	156.3	346.3	599.7	726.4	728.6	732.9
102.5°	159.0	126.4	93.7	126.4	159.0	167.2	359.9	616.9	745.4	783.6	859.9
105°	176.5	148.8	121.1	148.8	176.5	183.5	370.1	618.9	743.3	828.8	1000.1
107.5°	200.9	175.1	149.3	175.1	200.9	207.4	371.9	591.3	701.0	820.4	1059.2
110°	215.0	191.6	168.3	191.6	215.0	220.8	369.2	566.9	665.8	799.3	1066.2



TEST NUMBER: P934543

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	231.4	209.2	187.0	209.2	231.4	236.9	369.2	545.6	633.8	770.3	1043.6
115°	256.2	235.7	215.2	235.7	256.2	261.3	372.7	521.2	595.4	727.0	990.2
117.5°	280.2	261.5	242.9	261.5	280.2	284.9	379.6	505.8	568.9	687.7	925.3
120°	294.2	276.7	259.1	276.7	294.2	298.6	385.2	500.7	558.4	666.9	883.9
122.5°	310.3	292.6	274.9	292.6	310.3	314.7	393.2	498.0	550.3	648.0	843.5
125°	331.5	315.3	299.3	315.3	331.5	335.5	404.2	495.7	541.5	624.5	790.6
127.5°	351.5	335.2	319.0	335.2	351.5	355.6	415.1	494.5	534.1	605.4	748.0
130°	364.6	347.0	329.5	347.0	364.6	369.0	423.0	495.2	531.3	594.7	721.7
132.5°	375.6	358.0	340.5	358.0	375.6	379.9	429.5	495.7	528.9	585.7	699.3
135°	388.5	372.7	356.7	372.7	388.5	392.6	436.5	495.2	524.6	572.2	667.3
137.5°	404.9	389.1	373.3	389.1	404.9	408.8	447.1	498.3	523.9	564.2	644.6
140°	416.0	401.5	386.9	401.5	416.0	419.7	453.6	498.8	521.4	556.2	625.6
142.5°	424.4	410.9	397.5	410.9	424.4	427.7	459.0	500.6	521.4	551.9	613.0
145°	437.2	425.4	413.7	425.4	437.2	440.1	466.1	500.7	517.9	542.9	592.9
147.5°	452.8	441.3	429.9	441.3	452.8	455.6	476.3	504.1	517.9	537.6	576.8
150°	461.1	450.8	440.5	450.8	461.1	463.7	481.8	505.9	517.9	534.5	567.7
152.5°	467.0	459.3	451.4	459.3	467.0	469.0	485.3	507.1	517.9	532.1	560.4
155°	479.2	473.4	467.5	473.4	479.2	480.6	493.1	509.7	517.9	529.2	551.7
157.5°	490.8	485.1	479.5	485.1	490.8	492.2	500.8	512.2	517.9	526.7	544.2
160°	496.4	492.1	487.6	492.1	496.4	497.5	504.4	513.4	517.9	525.5	540.4
162.5°	502.3	499.1	495.7	499.1	502.3	503.2	508.1	514.7	517.9	524.3	537.0
165°	510.4	507.5	504.5	507.5	510.4	511.2	513.4	516.4	517.9	522.5	531.5
167.5°	515.5	514.0	512.6	514.0	515.5	515.8	517.7	520.2	521.4	524.4	530.4
170°	520.8	519.3	517.9	519.3	520.8	521.1	521.2	521.4	521.4	524.4	530.4
172.5°	521.4	521.1	520.8	521.1	521.4	521.4	521.4	521.4	521.4	523.8	528.5
175°	524.6	524.6	524.6	524.6	524.6	524.6	523.6	522.1	521.4	522.9	525.9
177.5°	524.6	524.6	524.6	524.6	524.6	524.6	523.8	522.6	522.1	523.3	525.6
180°	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6



TEST NUMBER: P934543

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	2948.4	2939.7	2951.3	2919.5	2951.3	2939.7	2948.4	2968.7	2951.3	2962.9	2974.4
5°	2587.1	2572.6	2526.4	2488.8	2526.4	2572.6	2587.1	2647.8	2676.7	2728.8	2798.1
7.5°	2312.5	2300.9	2289.3	2266.3	2289.3	2300.9	2312.5	2329.8	2358.8	2405.0	2457.0
10°	2251.8	2254.6	2272.0	2269.2	2272.0	2254.6	2251.8	2246.0	2237.3	2246.0	2277.8
12.5°	2407.9	2433.9	2529.2	2523.5	2529.2	2433.9	2407.9	2292.2	2214.2	2199.7	2205.5
15°	2587.1	2595.8	2616.0	2618.9	2616.0	2595.8	2587.1	2540.9	2306.7	2205.5	2173.8
17.5°	2604.4	2607.3	2621.7	2621.7	2621.7	2607.3	2604.4	2584.2	2506.2	2370.3	2191.1
20°	2590.0	2595.8	2624.6	2630.5	2624.6	2595.8	2590.0	2564.0	2520.6	2471.5	2335.6
22.5°	2584.2	2595.8	2618.9	2616.0	2618.9	2595.8	2584.2	2543.8	2506.2	2471.5	2416.6
25°	2555.3	2555.3	2558.2	2561.1	2558.2	2555.3	2555.3	2523.5	2448.4	2439.6	2407.9
27.5°	2494.6	2500.4	2517.7	2514.8	2517.7	2500.4	2494.6	2483.0	2402.1	2393.4	2370.3
30°	2439.6	2433.9	2419.4	2407.9	2419.4	2433.9	2439.6	2422.3	2341.4	2318.3	2324.1
32.5°	2347.1	2332.7	2318.3	2309.6	2318.3	2332.7	2347.1	2341.4	2280.7	2248.9	2254.6
35°	2237.3	2240.2	2237.3	2228.7	2237.3	2240.2	2237.3	2243.1	2205.5	2176.7	2173.8
37.5°	2159.3	2165.0	2162.1	2150.6	2162.1	2165.0	2159.3	2153.5	2101.5	2092.8	2098.6
40°	2078.3	2081.3	2078.3	2069.6	2078.3	2081.3	2078.3	2066.8	1994.6	1997.4	2017.6
42.5°	2000.3	1997.4	1988.8	1982.9	1988.8	1997.4	2000.3	1982.9	1890.4	1881.8	1919.4
45°	1910.7	1913.6	1896.2	1887.5	1896.2	1913.6	1910.7	1899.2	1803.7	1780.6	1806.7
47.5°	1821.1	1821.1	1806.7	1797.9	1806.7	1821.1	1821.1	1806.7	1705.4	1682.3	1696.8
50°	1725.7	1722.8	1702.5	1699.7	1702.5	1722.8	1725.7	1717.1	1610.0	1589.9	1589.9
52.5°	1615.8	1615.8	1618.7	1624.6	1618.7	1615.8	1615.8	1618.7	1523.3	1503.1	1497.4
55°	1520.4	1523.3	1543.6	1549.4	1543.6	1523.3	1520.4	1520.4	1433.7	1413.5	1402.0
57.5°	1422.2	1422.2	1436.6	1436.6	1436.6	1422.2	1422.2	1416.4	1332.6	1315.2	1309.5
60°	1309.5	1315.2	1326.8	1323.9	1326.8	1315.2	1309.5	1303.7	1231.4	1219.9	1199.6
62.5°	1190.9	1196.7	1199.6	1193.8	1199.6	1196.7	1190.9	1173.6	1130.3	1121.6	1095.5
65°	1066.6	1072.4	1075.3	1069.5	1075.3	1072.4	1066.6	1057.9	1026.1	1011.7	988.6
67.5°	939.5	936.6	933.6	945.3	933.6	936.6	939.5	927.9	907.7	896.1	864.3
70°	809.4	809.4	806.5	812.3	806.5	809.4	809.4	800.7	789.1	780.5	751.5
72.5°	670.7	667.8	679.3	670.7	679.3	667.8	670.7	667.8	661.9	653.2	624.4
75°	534.8	540.6	534.8	543.4	534.8	540.6	534.8	537.7	534.8	529.0	508.7
77.5°	407.6	413.4	407.6	407.6	407.6	413.4	407.6	410.5	410.5	410.5	393.2
80°	289.0	286.1	286.1	283.3	286.1	286.1	289.0	289.0	291.9	286.1	280.4
82.5°	185.0	182.1	182.1	187.9	182.1	182.1	185.0	187.9	182.1	182.1	182.1
85°	101.1	104.0	98.3	98.3	98.3	104.0	101.1	95.4	101.1	101.1	98.3
87.5°	37.6	34.7	34.7	34.7	34.7	34.7	37.6	40.5	40.5	40.5	43.4
90°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	17.9	23.7	26.7	23.0
92.5°	66.9	64.2	53.6	43.0	53.6	64.2	66.9	94.8	132.0	150.7	132.3
95°	227.1	219.1	186.8	154.6	186.8	219.1	227.1	298.3	393.1	440.5	372.0
97.5°	524.3	508.9	447.6	386.2	447.6	508.9	524.3	569.2	629.2	659.1	544.9
100°	736.2	717.9	644.9	571.8	644.9	717.9	736.2	732.9	728.6	726.4	599.7
102.5°	917.2	901.5	838.9	776.3	838.9	901.5	917.2	859.9	783.6	745.4	616.9
105°	1128.5	1120.0	1086.4	1052.7	1086.4	1120.0	1128.5	1000.1	828.8	743.3	618.9
107.5°	1238.3	1240.4	1248.5	1256.6	1248.5	1240.4	1238.3	1059.2	820.4	701.0	591.3
110°	1266.4	1275.2	1310.2	1345.3	1310.2	1275.2	1266.4	1066.2	799.3	665.8	566.9



TEST NUMBER: P934543

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1248.5	1262.0	1315.8	1369.6	1315.8	1262.0	1248.5	1043.6	770.3	633.8	545.6
115°	1187.6	1206.2	1280.9	1355.5	1280.9	1206.2	1187.6	990.2	727.0	595.4	521.2
117.5°	1103.4	1124.1	1207.0	1289.7	1207.0	1124.1	1103.4	925.3	687.7	568.9	505.8
120°	1046.7	1066.8	1147.3	1227.7	1147.3	1066.8	1046.7	883.9	666.9	558.4	500.7
122.5°	990.1	1009.9	1089.3	1168.6	1089.3	1009.9	990.1	843.5	648.0	550.3	498.0
125°	915.1	933.4	1006.4	1079.5	1006.4	933.4	915.1	790.6	624.5	541.5	495.7
127.5°	854.9	870.3	931.9	993.6	931.9	870.3	854.9	748.0	605.4	534.1	494.5
130°	816.8	831.1	888.0	945.0	888.0	831.1	816.8	721.7	594.7	531.3	495.2
132.5°	784.4	797.2	848.2	899.2	848.2	797.2	784.4	699.3	585.7	528.9	495.7
135°	738.6	749.7	793.7	837.6	793.7	749.7	738.6	667.3	572.2	524.6	495.2
137.5°	704.9	713.9	749.9	785.9	749.9	713.9	704.9	644.6	564.2	523.9	498.3
140°	677.8	686.1	719.8	753.4	719.8	686.1	677.8	625.6	556.2	521.4	498.8
142.5°	658.8	666.0	694.9	723.9	694.9	666.0	658.8	613.0	551.9	521.4	500.6
145°	630.3	635.7	657.7	679.5	657.7	635.7	630.3	592.9	542.9	517.9	500.7
147.5°	606.3	610.8	629.0	647.2	629.0	610.8	606.3	576.8	537.6	517.9	504.1
150°	592.6	596.3	611.0	625.6	611.0	596.3	592.6	567.7	534.5	517.9	505.9
152.5°	581.7	584.5	595.6	606.7	595.6	584.5	581.7	560.4	532.1	517.9	507.1
155°	568.6	570.5	577.8	585.2	577.8	570.5	568.6	551.7	529.2	517.9	509.7
157.5°	557.3	558.6	563.8	568.9	563.8	558.6	557.3	544.2	526.7	517.9	512.2
160°	551.7	552.4	555.4	558.4	555.4	552.4	551.7	540.4	525.5	517.9	513.4
162.5°	546.5	547.2	550.0	552.8	550.0	547.2	546.5	537.0	524.3	517.9	514.7
165°	538.4	539.1	542.0	545.0	542.0	539.1	538.4	531.5	522.5	517.9	516.4
167.5°	534.9	535.2	536.4	537.7	536.4	535.2	534.9	530.4	524.4	521.4	520.2
170°	534.9	534.9	534.9	534.9	534.9	534.9	534.9	530.4	524.4	521.4	521.4
172.5°	532.0	531.8	530.7	529.6	530.7	531.8	532.0	528.5	523.8	521.4	521.4
175°	528.1	528.1	528.1	528.1	528.1	528.1	528.1	525.9	522.9	521.4	522.1
177.5°	527.4	527.1	525.9	524.6	525.9	527.1	527.4	525.6	523.3	522.1	522.6
180°	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6	524.6



TEST NUMBER: P934543

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3055.4	3055.4	3055.4	3055.4	3055.4
2.5°	3017.8	3032.2	3041.0	3052.5	3081.4
5°	2902.2	2957.1	2974.4	3017.8	3069.8
7.5°	2647.8	2815.5	2861.7	2965.8	3046.7
10°	2402.1	2569.7	2650.7	2896.3	3017.8
12.5°	2277.8	2376.1	2431.0	2775.0	2977.3
15°	2199.7	2269.2	2309.6	2613.1	2931.1
17.5°	2139.1	2188.2	2217.1	2454.2	2867.5
20°	2101.5	2124.6	2150.6	2338.5	2795.2
22.5°	2075.4	2061.0	2081.3	2257.5	2696.9
25°	2058.1	2003.2	2026.3	2194.0	2581.3
27.5°	2072.5	1951.2	1959.8	2136.2	2459.9
30°	2075.4	1887.5	1890.4	2075.4	2324.1
32.5°	2055.2	1821.1	1824.0	2000.3	2170.9
35°	2006.1	1743.0	1740.1	1913.6	1962.7
37.5°	1939.6	1659.2	1659.2	1818.2	1734.4
40°	1858.7	1575.4	1584.1	1693.9	1532.0
42.5°	1760.4	1485.8	1497.4	1529.1	1381.7
45°	1653.4	1399.1	1407.7	1292.1	1266.1
47.5°	1535.0	1309.5	1312.4	1072.4	1228.5
50°	1393.3	1217.0	1205.3	919.2	1225.6
52.5°	1269.0	1115.7	1081.1	832.5	1112.8
55°	1147.6	1008.8	933.6	766.0	1032.0
57.5°	1040.6	870.1	797.8	688.0	1014.6
60°	942.4	734.2	679.3	604.1	930.7
62.5°	861.4	633.1	621.5	546.3	844.0
65°	774.7	563.6	560.7	497.2	716.9
67.5°	690.8	517.4	514.5	450.9	546.3
70°	601.2	468.3	462.5	401.8	404.7
72.5°	508.7	413.4	407.6	361.3	335.3
75°	416.2	349.8	346.9	315.1	271.7
77.5°	326.6	277.5	283.3	254.4	199.4
80°	234.1	202.3	208.2	182.1	150.3
82.5°	156.1	133.0	138.7	115.6	101.1
85°	86.7	75.2	78.1	60.7	46.2
87.5°	40.5	34.7	34.7	23.1	14.4
90°	15.5	9.8	9.1	6.3	3.5
92.5°	95.6	68.0	62.0	38.0	14.1
95°	235.1	132.4	121.5	77.6	33.8
97.5°	316.6	145.4	135.7	97.0	58.4
100°	346.3	156.3	147.5	112.5	77.5
102.5°	359.9	167.2	159.0	126.4	93.7
105°	370.1	183.5	176.5	148.8	121.1
107.5°	371.9	207.4	200.9	175.1	149.3
110°	369.2	220.8	215.0	191.6	168.3



TEST NUMBER: P934543

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	369.2	236.9	231.4	209.2	187.0
115°	372.7	261.3	256.2	235.7	215.2
117.5°	379.6	284.9	280.2	261.5	242.9
120°	385.2	298.6	294.2	276.7	259.1
122.5°	393.2	314.7	310.3	292.6	274.9
125°	404.2	335.5	331.5	315.3	299.3
127.5°	415.1	355.6	351.5	335.2	319.0
130°	423.0	369.0	364.6	347.0	329.5
132.5°	429.5	379.9	375.6	358.0	340.5
135°	436.5	392.6	388.5	372.7	356.7
137.5°	447.1	408.8	404.9	389.1	373.3
140°	453.6	419.7	416.0	401.5	386.9
142.5°	459.0	427.7	424.4	410.9	397.5
145°	466.1	440.1	437.2	425.4	413.7
147.5°	476.3	455.6	452.8	441.3	429.9
150°	481.8	463.7	461.1	450.8	440.5
152.5°	485.3	469.0	467.0	459.3	451.4
155°	493.1	480.6	479.2	473.4	467.5
157.5°	500.8	492.2	490.8	485.1	479.5
160°	504.4	497.5	496.4	492.1	487.6
162.5°	508.1	503.2	502.3	499.1	495.7
165°	513.4	511.2	510.4	507.5	504.5
167.5°	517.7	515.8	515.5	514.0	512.6
170°	521.2	521.1	520.8	519.3	517.9
172.5°	521.4	521.4	521.4	521.1	520.8
175°	523.6	524.6	524.6	524.6	524.6
177.5°	523.8	524.6	524.6	524.6	524.6
180°	524.6	524.6	524.6	524.6	524.6



TEST NUMBER: P934543
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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	15.69	16.76	16.45	17.55	18.50	18.52	19.60	19.29	20.39	21.34
	3H	16.18	17.14	16.96	17.94	18.93	19.89	20.85	20.67	21.65	22.63
	4H	16.38	17.29	17.18	18.10	19.09	20.34	21.25	21.14	22.06	23.06
	6H	16.51	17.35	17.32	18.16	19.17	20.64	21.48	21.45	22.30	23.30
	8H	16.52	17.32	17.34	18.15	19.16	20.72	21.52	21.54	22.36	23.37
	12H	16.50	17.26	17.32	18.08	19.12	20.77	21.53	21.59	22.36	23.40
4H	2H	16.75	17.66	17.55	18.46	19.46	18.96	19.87	19.76	20.67	21.67
	3H	17.79	18.55	18.61	19.39	20.40	20.49	21.25	21.30	22.09	23.10
	4H	18.08	18.77	18.90	19.61	20.65	21.03	21.72	21.85	22.55	23.59
	6H	18.22	18.81	19.06	19.67	20.72	21.41	22.00	22.25	22.86	23.91
	8H	18.23	18.78	19.07	19.64	20.70	21.52	22.08	22.36	22.93	23.99
	12H	18.20	18.71	19.07	19.58	20.65	21.59	22.09	22.45	22.97	24.03
8H	4H	18.55	19.11	19.40	19.97	21.02	21.17	21.72	22.01	22.58	23.64
	6H	18.82	19.28	19.70	20.18	21.24	21.61	22.08	22.49	22.98	24.03
	8H	18.87	19.28	19.75	20.17	21.24	21.77	22.18	22.65	23.07	24.15
	12H	18.86	19.22	19.75	20.11	21.23	21.88	22.24	22.77	23.13	24.25
12H	4H	18.57	19.07	19.43	19.95	21.01	21.14	21.64	22.01	22.52	23.58
	6H	18.88	19.29	19.77	20.19	21.26	21.61	22.02	22.50	22.92	23.99
	8H	18.96	19.32	19.85	20.21	21.34	21.79	22.15	22.67	23.03	24.16