

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: P934545

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934545
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-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

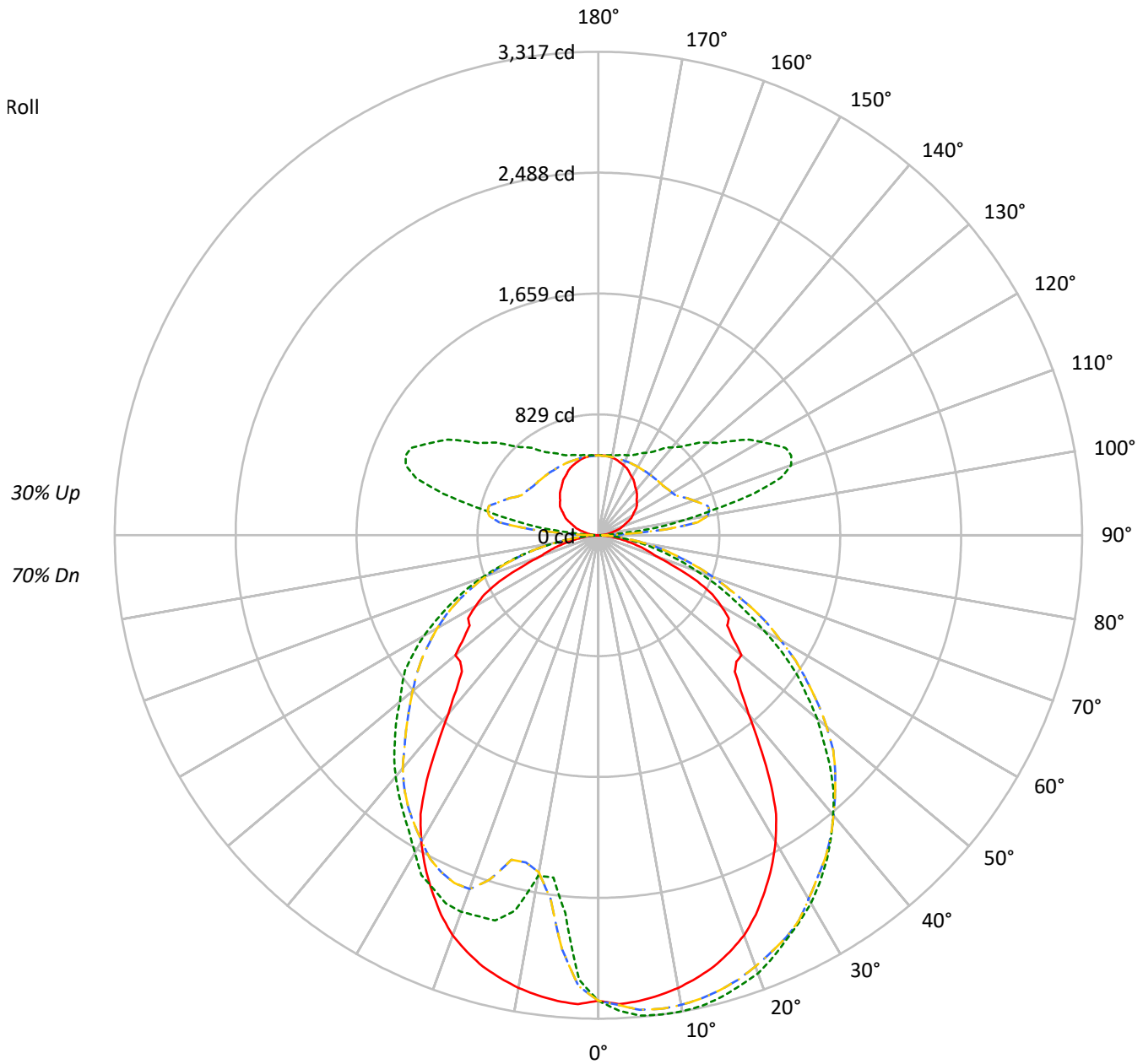
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11835.3 lumens
Efficiency: N/A
Efficacy: 105.7 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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CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

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°	14815	14815	14815	14815
5°	14925	14955	14925	11759
10°	14825	14731	14825	10532
15°	14664	14412	14664	12035
20°	14358	14034	14358	12059
25°	13730	13482	13730	11804
30°	12919	13024	12919	11243
35°	11517	12445	11517	10626
40°	9597	11764	9597	10160
45°	8574	10966	8574	9624
50°	9109	10014	9109	9087
55°	8571	8989	8571	8776
60°	8835	7634	8835	8038
65°	8010	6311	8010	7054
70°	5546	5029	5546	5913
75°	4862	3717	4862	4452
80°	3920	2458	3920	2677
85°	2250	1302	2250	1106

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13142 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.2	2.4
10°-20°	818.4	6.9
20°-30°	1265.0	10.7
30°-40°	1510.2	12.8
40°-50°	1519.0	12.8
50°-60°	1321.8	11.2
60°-70°	937.1	7.9
70°-80°	495.8	4.2
80°-90°	125.6	1.1
90°-100°	267.2	2.3
100°-110°	702.6	5.9
110°-120°	728.5	6.2
120°-130°	584.4	4.9
130°-140°	458.5	3.9
140°-150°	351.9	3.0
150°-160°	253.5	2.1
160°-170°	155.1	1.3
170°-180°	52.4	0.4
0°-30°	2371.6	20.0
0°-40°	3881.8	32.8
0°-60°	6722.6	56.8
0°-90°	8281.1	70.0
90°-120°	1698.4	14.4
90°-150°	3093.2	26.1
90°-180°	3554.0	30.0
0°-180°	11835.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3193	3193	3193	3193	3193	
5°	3208	3308	3208	2601	3208	304
15°	3063	3278	3063	2737	3063	862
25°	2698	3057	2698	2676	2698	1239
35°	2051	2728	2051	2329	2051	1269
45°	1323	2248	1323	1973	1323	1060
55°	1078	1658	1078	1619	1078	991
65°	749	1000	749	1118	749	716
75°	284	474	284	568	284	299
85°	48	121	48	103	48	65
90°	4	14	4	14	4	5
95°	35	162	35	162	35	39
105°	127	1100	127	1100	127	134
115°	225	1417	225	1417	225	222
125°	313	1128	313	1128	313	278
135°	373	875	373	875	373	288
145°	432	710	432	710	432	271
155°	489	612	489	612	489	225
165°	527	570	527	570	527	149
175°	548	552	548	552	548	52
180°	548	548	548	548	548	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3220.2	3220.2	3238.3	3244.4	3244.4	3235.4	3226.3	3235.4	3262.5	3271.6	3268.6
5°	3208.2	3232.4	3265.6	3271.6	3277.6	3274.7	3268.6	3274.7	3304.8	3310.9	3313.9
7.5°	3184.0	3229.3	3271.6	3280.6	3289.8	3280.6	3277.6	3283.7	3313.9	3319.9	3319.9
10°	3153.8	3217.3	3265.6	3271.6	3280.6	3271.6	3271.6	3283.7	3313.9	3319.9	3323.0
12.5°	3111.5	3199.1	3244.4	3250.5	3262.5	3259.5	3256.5	3268.6	3298.8	3304.8	3304.8
15°	3063.2	3165.9	3208.2	3214.2	3235.4	3229.3	3229.3	3241.4	3274.7	3283.7	3280.6
17.5°	2996.7	3123.5	3171.9	3180.9	3196.1	3193.1	3196.1	3208.2	3238.3	3244.4	3247.4
20°	2921.2	3066.1	3123.5	3132.6	3147.7	3147.7	3147.7	3162.8	3193.1	3205.1	3205.1
22.5°	2818.4	3005.8	3066.1	3072.2	3090.3	3090.3	3096.4	3117.6	3144.7	3147.7	3147.7
25°	2697.7	2939.3	2990.6	3008.8	3026.9	3036.0	3045.1	3057.1	3066.1	3063.2	3066.1
27.5°	2570.7	2854.7	2921.2	2933.2	2957.4	2966.5	2978.6	2981.6	2984.7	2993.7	2987.6
30°	2428.8	2737.0	2836.6	2848.7	2888.0	2894.0	2881.9	2888.0	2903.1	2909.1	2915.1
32.5°	2268.7	2561.7	2749.0	2776.2	2812.5	2794.3	2791.3	2800.3	2824.5	2824.5	2830.6
35°	2051.2	2425.8	2667.4	2691.6	2718.7	2697.7	2709.7	2712.8	2727.8	2737.0	2733.9
37.5°	1812.6	2308.0	2582.9	2601.0	2622.2	2594.9	2613.1	2622.2	2634.2	2628.1	2628.1
40°	1601.1	2123.6	2483.2	2495.2	2513.4	2492.2	2510.3	2516.4	2522.5	2516.4	2513.4
42.5°	1444.0	1921.3	2377.4	2392.5	2380.4	2395.5	2401.6	2413.6	2404.6	2392.5	2392.5
45°	1323.1	1866.9	2262.6	2280.7	2262.6	2286.8	2295.9	2295.9	2268.7	2262.6	2259.6
47.5°	1283.9	1758.1	2147.8	2147.8	2138.8	2169.0	2184.1	2162.9	2135.8	2126.7	2126.7
50°	1280.8	1637.3	1990.7	1978.7	2021.0	2057.2	2042.1	2021.0	1999.8	1966.6	1966.6
52.5°	1163.0	1489.2	1788.4	1833.7	1900.1	1921.3	1897.1	1875.9	1839.7	1824.6	1812.6
55°	1078.5	1335.3	1604.1	1694.7	1764.2	1791.4	1746.1	1724.9	1670.5	1661.5	1655.5
57.5°	1060.3	1111.7	1434.9	1549.7	1634.3	1631.3	1604.1	1564.9	1519.5	1510.4	1507.5
60°	972.7	803.5	1253.7	1389.6	1477.2	1468.2	1444.0	1407.8	1365.4	1359.4	1353.4
62.5°	882.1	583.1	1048.2	1202.3	1326.2	1323.1	1302.0	1247.6	1217.4	1202.3	1190.2
65°	749.2	489.4	746.1	999.9	1178.2	1184.1	1138.9	1099.6	1066.3	1048.2	1045.3
67.5°	570.9	398.7	504.5	833.8	1036.2	1030.1	972.7	954.6	912.3	903.2	885.1
70°	422.9	265.8	350.4	676.7	897.2	882.1	836.7	815.7	776.4	755.2	743.1
72.5°	350.4	214.5	256.8	525.7	755.2	737.1	697.9	673.7	640.5	622.3	610.2
75°	283.9	226.5	196.4	389.7	613.2	601.2	564.9	540.7	513.5	489.4	492.4
77.5°	208.4	211.5	157.1	287.0	486.4	468.3	447.1	416.9	404.8	380.6	380.6
80°	157.1	166.1	117.8	196.4	350.4	350.4	332.3	311.2	290.0	278.0	278.0
82.5°	105.7	105.7	87.6	123.9	238.7	229.6	217.5	211.5	199.4	193.3	193.3
85°	48.3	60.4	54.4	75.5	129.9	135.9	135.9	129.9	126.8	120.9	123.9
87.5°	15.1	27.2	33.2	42.3	66.5	69.4	72.5	72.5	72.5	75.5	75.5
90°	3.7	6.6	9.6	10.3	16.2	24.0	27.9	24.8	18.7	14.0	14.0
92.5°	14.7	39.7	64.8	71.1	99.9	138.3	157.5	138.0	99.1	69.9	67.1
95°	35.3	81.1	126.9	138.4	245.6	388.7	460.3	410.8	311.7	237.3	229.0
97.5°	61.1	101.4	141.8	151.9	330.9	569.5	688.8	657.5	594.8	547.9	531.8
100°	81.0	117.6	154.2	163.3	362.0	626.7	759.1	761.4	766.0	769.3	750.2
102.5°	97.9	132.1	166.2	174.8	376.2	644.7	779.0	818.9	898.7	958.5	942.2
105°	126.6	155.5	184.5	191.7	386.8	646.8	776.8	866.2	1045.2	1179.3	1170.5
107.5°	156.0	183.0	209.9	216.7	388.6	618.0	732.6	857.4	1106.9	1294.1	1296.3
110°	175.8	200.2	224.7	230.7	385.8	592.4	695.8	835.3	1114.3	1323.5	1332.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	195.4	218.6	241.8	247.6	385.9	570.2	662.3	805.1	1090.6	1304.7	1318.8
115°	224.9	246.3	267.7	273.1	389.5	544.7	622.2	759.8	1034.8	1241.1	1260.6
117.5°	253.9	273.3	292.8	297.7	396.7	528.6	594.6	718.7	967.0	1153.2	1174.8
120°	270.8	289.1	307.5	312.1	402.6	523.3	583.6	697.0	923.8	1093.9	1114.9
122.5°	287.3	305.8	324.3	328.9	411.0	520.4	575.1	677.2	881.6	1034.7	1055.4
125°	312.8	329.6	346.4	350.6	422.4	518.1	565.9	652.7	826.2	956.4	975.5
127.5°	333.4	350.4	367.3	371.6	433.8	516.7	558.2	632.7	781.7	893.4	909.5
130°	344.4	362.7	381.1	385.6	442.1	517.5	555.2	621.5	754.2	853.6	868.5
132.5°	355.8	374.1	392.5	397.0	448.9	518.1	552.7	612.1	730.8	819.8	833.1
135°	372.8	389.5	406.1	410.2	456.2	517.5	548.2	598.0	697.4	771.9	783.5
137.5°	390.1	406.6	423.1	427.2	467.3	520.8	547.5	589.6	673.7	736.7	746.1
140°	404.4	419.6	434.8	438.6	474.1	521.3	544.9	581.3	653.8	708.3	717.0
142.5°	415.4	429.4	443.5	447.0	479.7	523.2	544.9	576.8	640.6	688.5	696.1
145°	432.4	444.6	456.9	460.0	487.1	523.3	541.3	567.3	619.6	658.7	664.4
147.5°	449.3	461.2	473.2	476.1	497.8	526.8	541.3	561.8	602.8	633.6	638.3
150°	460.3	471.1	481.9	484.6	503.5	528.7	541.3	558.6	593.3	619.3	623.1
152.5°	471.7	480.0	488.1	490.1	507.2	529.9	541.3	556.1	585.6	607.9	610.8
155°	488.6	494.7	500.8	502.3	515.3	532.6	541.3	553.1	576.5	594.2	596.2
157.5°	501.1	507.0	512.9	514.4	523.3	535.3	541.3	550.4	568.7	582.4	583.8
160°	509.6	514.2	518.8	520.0	527.1	536.6	541.3	549.1	564.8	576.5	577.3
162.5°	518.1	521.6	524.9	525.8	531.0	537.9	541.3	547.9	561.2	571.1	571.8
165°	527.3	530.4	533.4	534.2	536.6	539.7	541.3	546.0	555.5	562.6	563.4
167.5°	535.8	537.2	538.7	539.1	541.0	543.6	544.9	548.1	554.3	559.0	559.3
170°	541.3	542.7	544.2	544.6	544.7	544.9	544.9	548.1	554.3	559.0	559.0
172.5°	544.2	544.6	544.9	544.9	544.9	544.9	544.9	547.4	552.4	556.0	555.7
175°	548.2	548.2	548.2	548.2	547.2	545.7	544.9	546.5	549.6	551.9	551.9
177.5°	548.2	548.2	548.2	548.2	547.4	546.2	545.7	546.9	549.3	551.2	550.8
180°	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3274.7	3265.6	3274.7	3268.6	3271.6	3262.5	3235.4	3226.3	3235.4	3244.4	3244.4
5°	3313.9	3307.9	3313.9	3313.9	3310.9	3304.8	3274.7	3268.6	3274.7	3277.6	3271.6
7.5°	3326.0	3316.9	3326.0	3319.9	3319.9	3313.9	3283.7	3277.6	3280.6	3289.8	3280.6
10°	3326.0	3316.9	3326.0	3323.0	3319.9	3313.9	3283.7	3271.6	3271.6	3280.6	3271.6
12.5°	3310.9	3304.8	3310.9	3304.8	3304.8	3298.8	3268.6	3256.5	3259.5	3262.5	3250.5
15°	3286.7	3277.6	3286.7	3280.6	3283.7	3274.7	3241.4	3229.3	3229.3	3235.4	3214.2
17.5°	3250.5	3238.3	3250.5	3247.4	3244.4	3238.3	3208.2	3196.1	3193.1	3196.1	3180.9
20°	3208.2	3199.1	3208.2	3205.1	3205.1	3193.1	3162.8	3147.7	3147.7	3147.7	3132.6
22.5°	3141.7	3132.6	3141.7	3147.7	3147.7	3144.7	3117.6	3096.4	3090.3	3090.3	3072.2
25°	3066.1	3057.1	3066.1	3066.1	3063.2	3066.1	3057.1	3045.1	3036.0	3026.9	3008.8
27.5°	2993.7	2987.6	2993.7	2987.6	2993.7	2984.7	2981.6	2978.6	2966.5	2957.4	2933.2
30°	2921.2	2915.1	2921.2	2915.1	2909.1	2903.1	2888.0	2881.9	2894.0	2888.0	2848.7
32.5°	2830.6	2824.5	2830.6	2830.6	2824.5	2824.5	2800.3	2791.3	2794.3	2812.5	2776.2
35°	2737.0	2727.8	2737.0	2733.9	2737.0	2727.8	2712.8	2709.7	2697.7	2718.7	2691.6
37.5°	2628.1	2619.1	2628.1	2628.1	2628.1	2634.2	2622.2	2613.1	2594.9	2622.2	2601.0
40°	2516.4	2504.3	2516.4	2513.4	2516.4	2522.5	2516.4	2510.3	2492.2	2513.4	2495.2
42.5°	2389.5	2386.5	2389.5	2392.5	2392.5	2404.6	2413.6	2401.6	2395.5	2380.4	2392.5
45°	2253.6	2247.5	2253.6	2259.6	2262.6	2268.7	2295.9	2295.9	2286.8	2262.6	2280.7
47.5°	2108.5	2093.5	2108.5	2126.7	2126.7	2135.8	2162.9	2184.1	2169.0	2138.8	2147.8
50°	1954.5	1957.5	1954.5	1966.6	1966.6	1999.8	2021.0	2042.1	2057.2	2021.0	1978.7
52.5°	1803.4	1800.4	1803.4	1812.6	1824.6	1839.7	1875.9	1897.1	1921.3	1900.1	1833.7
55°	1652.4	1658.5	1652.4	1655.5	1661.5	1670.5	1724.9	1746.1	1791.4	1764.2	1694.7
57.5°	1501.4	1492.3	1501.4	1507.5	1510.4	1519.5	1564.9	1604.1	1631.3	1634.3	1549.7
60°	1326.2	1314.1	1326.2	1353.4	1359.4	1365.4	1407.8	1444.0	1468.2	1477.2	1389.6
62.5°	1172.1	1150.9	1172.1	1190.2	1202.3	1217.4	1247.6	1302.0	1323.1	1326.2	1202.3
65°	1008.9	999.9	1008.9	1045.3	1048.2	1066.3	1099.6	1138.9	1184.1	1178.2	999.9
67.5°	860.9	860.9	860.9	885.1	903.2	912.3	954.6	972.7	1030.1	1036.2	833.8
70°	725.0	722.0	725.0	743.1	755.2	776.4	815.7	836.7	882.1	897.2	676.7
72.5°	595.1	592.1	595.1	610.2	622.3	640.5	673.7	697.9	737.1	755.2	525.7
75°	480.3	474.2	480.3	492.4	489.4	513.5	540.7	564.9	601.2	613.2	389.7
77.5°	368.6	368.6	368.6	380.6	380.6	404.8	416.9	447.1	468.3	486.4	287.0
80°	274.9	271.9	274.9	278.0	278.0	290.0	311.2	332.3	350.4	350.4	196.4
82.5°	193.3	187.3	193.3	193.3	193.3	199.4	211.5	217.5	229.6	238.7	123.9
85°	120.9	120.9	120.9	123.9	120.9	126.8	129.9	135.9	135.9	129.9	75.5
87.5°	78.6	75.5	78.6	75.5	75.5	72.5	72.5	72.5	69.4	66.5	42.3
90°	14.0	14.0	14.0	14.0	14.0	18.7	24.8	27.9	24.0	16.2	10.3
92.5°	56.0	44.9	56.0	67.1	69.9	99.1	138.0	157.5	138.3	99.9	71.1
95°	195.2	161.6	195.2	229.0	237.3	311.7	410.8	460.3	388.7	245.6	138.4
97.5°	467.7	403.6	467.7	531.8	547.9	594.8	657.5	688.8	569.5	330.9	151.9
100°	673.9	597.5	673.9	750.2	769.3	766.0	761.4	759.1	626.7	362.0	163.3
102.5°	876.7	811.3	876.7	942.2	958.5	898.7	818.9	779.0	644.7	376.2	174.8
105°	1135.3	1100.2	1135.3	1170.5	1179.3	1045.2	866.2	776.8	646.8	386.8	191.7
107.5°	1304.7	1313.2	1304.7	1296.3	1294.1	1106.9	857.4	732.6	618.0	388.6	216.7
110°	1369.3	1406.0	1369.3	1332.7	1323.5	1114.3	835.3	695.8	592.4	385.8	230.7



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1375.1	1431.3	1375.1	1318.8	1304.7	1090.6	805.1	662.3	570.2	385.9	247.6
115°	1338.6	1416.6	1338.6	1260.6	1241.1	1034.8	759.8	622.2	544.7	389.5	273.1
117.5°	1261.4	1347.9	1261.4	1174.8	1153.2	967.0	718.7	594.6	528.6	396.7	297.7
120°	1199.0	1283.1	1199.0	1114.9	1093.9	923.8	697.0	583.6	523.3	402.6	312.1
122.5°	1138.4	1221.3	1138.4	1055.4	1034.7	881.6	677.2	575.1	520.4	411.0	328.9
125°	1051.8	1128.2	1051.8	975.5	956.4	826.2	652.7	565.9	518.1	422.4	350.6
127.5°	973.9	1038.4	973.9	909.5	893.4	781.7	632.7	558.2	516.7	433.8	371.6
130°	928.1	987.6	928.1	868.5	853.6	754.2	621.5	555.2	517.5	442.1	385.6
132.5°	886.5	939.8	886.5	833.1	819.8	730.8	612.1	552.7	518.1	448.9	397.0
135°	829.4	875.4	829.4	783.5	771.9	697.4	598.0	548.2	517.5	456.2	410.2
137.5°	783.7	821.3	783.7	746.1	736.7	673.7	589.6	547.5	520.8	467.3	427.2
140°	752.2	787.4	752.2	717.0	708.3	653.8	581.3	544.9	521.3	474.1	438.6
142.5°	726.2	756.5	726.2	696.1	688.5	640.6	576.8	544.9	523.2	479.7	447.0
145°	687.3	710.2	687.3	664.4	658.7	619.6	567.3	541.3	523.3	487.1	460.0
147.5°	657.3	676.3	657.3	638.3	633.6	602.8	561.8	541.3	526.8	497.8	476.1
150°	638.5	653.8	638.5	623.1	619.3	593.3	558.6	541.3	528.7	503.5	484.6
152.5°	622.4	634.0	622.4	610.8	607.9	585.6	556.1	541.3	529.9	507.2	490.1
155°	603.9	611.5	603.9	596.2	594.2	576.5	553.1	541.3	532.6	515.3	502.3
157.5°	589.2	594.6	589.2	583.8	582.4	568.7	550.4	541.3	535.3	523.3	514.4
160°	580.5	583.6	580.5	577.3	576.5	564.8	549.1	541.3	536.6	527.1	520.0
162.5°	574.8	577.7	574.8	571.8	571.1	561.2	547.9	541.3	537.9	531.0	525.8
165°	566.5	569.6	566.5	563.4	562.6	555.5	546.0	541.3	539.7	536.6	534.2
167.5°	560.6	561.9	560.6	559.3	559.0	554.3	548.1	544.9	543.6	541.0	539.1
170°	559.0	559.0	559.0	559.0	559.0	554.3	548.1	544.9	544.9	544.7	544.6
172.5°	554.6	553.4	554.6	555.7	556.0	552.4	547.4	544.9	544.9	544.9	544.9
175°	551.9	551.9	551.9	551.9	551.9	549.6	546.5	544.9	545.7	547.2	548.2
177.5°	549.6	548.2	549.6	550.8	551.2	549.3	546.9	545.7	546.2	547.4	548.2
180°	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3238.3	3220.2	3220.2	3190.0	3178.0	3168.9	3153.8	3108.5	3096.4	3084.3	3102.5
5°	3265.6	3232.4	3208.2	3153.8	3108.5	3090.3	3032.9	2924.2	2851.7	2797.3	2767.1
7.5°	3271.6	3229.3	3184.0	3099.4	2990.6	2942.3	2767.1	2567.7	2513.4	2465.1	2434.8
10°	3265.6	3217.3	3153.8	3026.9	2770.2	2685.5	2510.3	2380.4	2347.2	2338.1	2347.2
12.5°	3244.4	3199.1	3111.5	2900.0	2540.6	2483.2	2380.4	2304.9	2298.9	2314.0	2395.5
15°	3208.2	3165.9	3063.2	2730.9	2413.6	2371.4	2298.9	2271.7	2304.9	2410.7	2655.4
17.5°	3171.9	3123.5	2996.7	2564.8	2317.0	2286.8	2235.5	2289.8	2477.1	2619.1	2700.6
20°	3123.5	3066.1	2921.2	2443.9	2247.5	2220.3	2196.2	2440.9	2582.9	2634.2	2679.6
22.5°	3066.1	3005.8	2818.4	2359.3	2175.0	2153.9	2169.0	2525.5	2582.9	2619.1	2658.4
25°	2990.6	2939.3	2697.7	2292.9	2117.7	2093.5	2150.9	2516.4	2549.6	2558.7	2637.2
27.5°	2921.2	2854.7	2570.7	2232.4	2048.1	2039.1	2165.9	2477.1	2501.3	2510.3	2594.9
30°	2836.6	2737.0	2428.8	2169.0	1975.6	1972.6	2169.0	2428.8	2422.7	2446.9	2531.5
32.5°	2749.0	2561.7	2268.7	2090.4	1906.2	1903.2	2147.8	2356.2	2350.3	2383.5	2446.9
35°	2667.4	2425.8	2051.2	1999.8	1818.5	1821.6	2096.5	2271.7	2274.8	2304.9	2344.2
37.5°	2582.9	2308.0	1812.6	1900.1	1734.0	1734.0	2027.0	2193.2	2187.1	2196.2	2250.6
40°	2483.2	2123.6	1601.1	1770.2	1655.5	1646.3	1942.4	2108.5	2087.4	2084.4	2160.0
42.5°	2377.4	1921.3	1444.0	1598.1	1564.9	1552.7	1839.7	2005.9	1966.6	1975.6	2072.3
45°	2262.6	1866.9	1323.1	1350.4	1471.1	1462.1	1727.9	1888.1	1860.8	1885.0	1984.7
47.5°	2147.8	1758.1	1283.9	1120.8	1371.5	1368.5	1604.1	1773.3	1758.1	1782.3	1888.1
50°	1990.7	1637.3	1280.8	960.6	1259.7	1271.8	1456.0	1661.5	1661.5	1682.6	1794.4
52.5°	1788.4	1489.2	1163.0	870.0	1129.8	1166.0	1326.2	1564.9	1570.8	1592.0	1691.7
55°	1604.1	1335.3	1078.5	800.5	975.7	1054.3	1199.3	1465.1	1477.2	1498.4	1589.0
57.5°	1434.9	1111.7	1060.3	719.0	833.8	909.3	1087.5	1368.5	1374.5	1392.7	1480.2
60°	1253.7	803.5	972.7	631.4	709.9	767.3	984.8	1253.7	1274.8	1286.9	1362.4
62.5°	1048.2	583.1	882.1	570.9	649.5	661.6	900.2	1144.9	1172.1	1181.2	1226.5
65°	746.1	489.4	749.2	519.6	586.0	589.0	809.6	1033.1	1057.3	1072.4	1105.6
67.5°	504.5	398.7	570.9	471.2	537.7	540.7	722.0	903.2	936.4	948.6	969.7
70°	350.4	265.8	422.9	419.9	483.4	489.4	628.3	785.4	815.7	824.7	836.7
72.5°	256.8	214.5	350.4	377.6	426.0	432.0	531.6	652.5	682.7	691.8	697.9
75°	196.4	226.5	283.9	329.3	362.5	365.5	435.0	531.6	552.8	558.9	561.9
77.5°	157.1	211.5	208.4	265.8	296.1	290.0	341.3	410.9	429.0	429.0	429.0
80°	117.8	166.1	157.1	190.3	217.5	211.5	244.7	293.0	299.0	305.1	302.1
82.5°	87.6	105.7	105.7	120.9	145.0	139.0	163.2	190.3	190.3	190.3	196.4
85°	54.4	60.4	48.3	63.5	81.6	78.6	90.6	102.7	105.7	105.7	99.7
87.5°	33.2	27.2	15.1	24.2	36.2	36.2	42.3	45.3	42.3	42.3	42.3
90°	9.6	6.6	3.7	6.6	9.6	10.3	16.2	24.0	27.9	24.8	18.7
92.5°	64.8	39.7	14.7	39.7	64.8	71.1	99.9	138.3	157.5	138.0	99.1
95°	126.9	81.1	35.3	81.1	126.9	138.4	245.6	388.7	460.3	410.8	311.7
97.5°	141.8	101.4	61.1	101.4	141.8	151.9	330.9	569.5	688.8	657.5	594.8
100°	154.2	117.6	81.0	117.6	154.2	163.3	362.0	626.7	759.1	761.4	766.0
102.5°	166.2	132.1	97.9	132.1	166.2	174.8	376.2	644.7	779.0	818.9	898.7
105°	184.5	155.5	126.6	155.5	184.5	191.7	386.8	646.8	776.8	866.2	1045.2
107.5°	209.9	183.0	156.0	183.0	209.9	216.7	388.6	618.0	732.6	857.4	1106.9
110°	224.7	200.2	175.8	200.2	224.7	230.7	385.8	592.4	695.8	835.3	1114.3



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	241.8	218.6	195.4	218.6	241.8	247.6	385.9	570.2	662.3	805.1	1090.6
115°	267.7	246.3	224.9	246.3	267.7	273.1	389.5	544.7	622.2	759.8	1034.8
117.5°	292.8	273.3	253.9	273.3	292.8	297.7	396.7	528.6	594.6	718.7	967.0
120°	307.5	289.1	270.8	289.1	307.5	312.1	402.6	523.3	583.6	697.0	923.8
122.5°	324.3	305.8	287.3	305.8	324.3	328.9	411.0	520.4	575.1	677.2	881.6
125°	346.4	329.6	312.8	329.6	346.4	350.6	422.4	518.1	565.9	652.7	826.2
127.5°	367.3	350.4	333.4	350.4	367.3	371.6	433.8	516.7	558.2	632.7	781.7
130°	381.1	362.7	344.4	362.7	381.1	385.6	442.1	517.5	555.2	621.5	754.2
132.5°	392.5	374.1	355.8	374.1	392.5	397.0	448.9	518.1	552.7	612.1	730.8
135°	406.1	389.5	372.8	389.5	406.1	410.2	456.2	517.5	548.2	598.0	697.4
137.5°	423.1	406.6	390.1	406.6	423.1	427.2	467.3	520.8	547.5	589.6	673.7
140°	434.8	419.6	404.4	419.6	434.8	438.6	474.1	521.3	544.9	581.3	653.8
142.5°	443.5	429.4	415.4	429.4	443.5	447.0	479.7	523.2	544.9	576.8	640.6
145°	456.9	444.6	432.4	444.6	456.9	460.0	487.1	523.3	541.3	567.3	619.6
147.5°	473.2	461.2	449.3	461.2	473.2	476.1	497.8	526.8	541.3	561.8	602.8
150°	481.9	471.1	460.3	471.1	481.9	484.6	503.5	528.7	541.3	558.6	593.3
152.5°	488.1	480.0	471.7	480.0	488.1	490.1	507.2	529.9	541.3	556.1	585.6
155°	500.8	494.7	488.6	494.7	500.8	502.3	515.3	532.6	541.3	553.1	576.5
157.5°	512.9	507.0	501.1	507.0	512.9	514.4	523.3	535.3	541.3	550.4	568.7
160°	518.8	514.2	509.6	514.2	518.8	520.0	527.1	536.6	541.3	549.1	564.8
162.5°	524.9	521.6	518.1	521.6	524.9	525.8	531.0	537.9	541.3	547.9	561.2
165°	533.4	530.4	527.3	530.4	533.4	534.2	536.6	539.7	541.3	546.0	555.5
167.5°	538.7	537.2	535.8	537.2	538.7	539.1	541.0	543.6	544.9	548.1	554.3
170°	544.2	542.7	541.3	542.7	544.2	544.6	544.7	544.9	544.9	548.1	554.3
172.5°	544.9	544.6	544.2	544.6	544.9	544.9	544.9	544.9	544.9	547.4	552.4
175°	548.2	548.2	548.2	548.2	548.2	548.2	547.2	545.7	544.9	546.5	549.6
177.5°	548.2	548.2	548.2	548.2	548.2	548.2	547.4	546.2	545.7	546.9	549.3
180°	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3081.3	3072.2	3084.3	3051.1	3084.3	3072.2	3081.3	3102.5	3084.3	3096.4	3108.5
5°	2703.7	2688.6	2640.3	2601.0	2640.3	2688.6	2703.7	2767.1	2797.3	2851.7	2924.2
7.5°	2416.7	2404.6	2392.5	2368.4	2392.5	2404.6	2416.7	2434.8	2465.1	2513.4	2567.7
10°	2353.3	2356.2	2374.4	2371.4	2374.4	2356.2	2353.3	2347.2	2338.1	2347.2	2380.4
12.5°	2516.4	2543.6	2643.2	2637.2	2643.2	2543.6	2516.4	2395.5	2314.0	2298.9	2304.9
15°	2703.7	2712.8	2733.9	2737.0	2733.9	2712.8	2703.7	2655.4	2410.7	2304.9	2271.7
17.5°	2721.8	2724.8	2739.9	2739.9	2739.9	2724.8	2721.8	2700.6	2619.1	2477.1	2289.8
20°	2706.7	2712.8	2742.9	2749.0	2742.9	2712.8	2706.7	2679.6	2634.2	2582.9	2440.9
22.5°	2700.6	2712.8	2737.0	2733.9	2737.0	2712.8	2700.6	2658.4	2619.1	2582.9	2525.5
25°	2670.5	2670.5	2673.5	2676.5	2673.5	2670.5	2670.5	2637.2	2558.7	2549.6	2516.4
27.5°	2607.0	2613.1	2631.2	2628.1	2631.2	2613.1	2607.0	2594.9	2510.3	2501.3	2477.1
30°	2549.6	2543.6	2528.4	2516.4	2528.4	2543.6	2549.6	2531.5	2446.9	2422.7	2428.8
32.5°	2452.9	2437.8	2422.7	2413.6	2422.7	2437.8	2452.9	2446.9	2383.5	2350.3	2356.2
35°	2338.1	2341.2	2338.1	2329.1	2338.1	2341.2	2338.1	2344.2	2304.9	2274.8	2271.7
37.5°	2256.6	2262.6	2259.6	2247.5	2259.6	2262.6	2256.6	2250.6	2196.2	2187.1	2193.2
40°	2172.0	2175.0	2172.0	2162.9	2172.0	2175.0	2172.0	2160.0	2084.4	2087.4	2108.5
42.5°	2090.4	2087.4	2078.4	2072.3	2078.4	2087.4	2090.4	2072.3	1975.6	1966.6	2005.9
45°	1996.8	1999.8	1981.7	1972.6	1981.7	1999.8	1996.8	1984.7	1885.0	1860.8	1888.1
47.5°	1903.2	1903.2	1888.1	1879.0	1888.1	1903.2	1903.2	1888.1	1782.3	1758.1	1773.3
50°	1803.4	1800.4	1779.3	1776.3	1779.3	1800.4	1803.4	1794.4	1682.6	1661.5	1661.5
52.5°	1688.7	1688.7	1691.7	1697.8	1691.7	1688.7	1688.7	1691.7	1592.0	1570.8	1564.9
55°	1589.0	1592.0	1613.1	1619.2	1613.1	1592.0	1589.0	1589.0	1498.4	1477.2	1465.1
57.5°	1486.3	1486.3	1501.4	1501.4	1501.4	1486.3	1486.3	1480.2	1392.7	1374.5	1368.5
60°	1368.5	1374.5	1386.6	1383.6	1386.6	1374.5	1368.5	1362.4	1286.9	1274.8	1253.7
62.5°	1244.6	1250.6	1253.7	1247.6	1253.7	1250.6	1244.6	1226.5	1181.2	1172.1	1144.9
65°	1114.7	1120.8	1123.8	1117.7	1123.8	1120.8	1114.7	1105.6	1072.4	1057.3	1033.1
67.5°	981.8	978.8	975.7	987.9	975.7	978.8	981.8	969.7	948.6	936.4	903.2
70°	845.8	845.8	842.8	848.9	842.8	845.8	845.8	836.7	824.7	815.7	785.4
72.5°	700.9	697.9	709.9	700.9	709.9	697.9	700.9	697.9	691.8	682.7	652.5
75°	558.9	564.9	558.9	567.9	558.9	564.9	558.9	561.9	558.9	552.8	531.6
77.5°	426.0	432.0	426.0	426.0	426.0	432.0	426.0	429.0	429.0	429.0	410.9
80°	302.1	299.0	299.0	296.1	299.0	299.0	302.1	302.1	305.1	299.0	293.0
82.5°	193.3	190.3	190.3	196.4	190.3	190.3	193.3	196.4	190.3	190.3	190.3
85°	105.7	108.7	102.7	102.7	102.7	108.7	105.7	99.7	105.7	105.7	102.7
87.5°	39.3	36.2	36.2	36.2	36.2	36.2	39.3	42.3	42.3	42.3	45.3
90°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	18.7	24.8	27.9	24.0
92.5°	69.9	67.1	56.0	44.9	56.0	67.1	69.9	99.1	138.0	157.5	138.3
95°	237.3	229.0	195.2	161.6	195.2	229.0	237.3	311.7	410.8	460.3	388.7
97.5°	547.9	531.8	467.7	403.6	467.7	531.8	547.9	594.8	657.5	688.8	569.5
100°	769.3	750.2	673.9	597.5	673.9	750.2	769.3	766.0	761.4	759.1	626.7
102.5°	958.5	942.2	876.7	811.3	876.7	942.2	958.5	898.7	818.9	779.0	644.7
105°	1179.3	1170.5	1135.3	1100.2	1135.3	1170.5	1179.3	1045.2	866.2	776.8	646.8
107.5°	1294.1	1296.3	1304.7	1313.2	1304.7	1296.3	1294.1	1106.9	857.4	732.6	618.0
110°	1323.5	1332.7	1369.3	1406.0	1369.3	1332.7	1323.5	1114.3	835.3	695.8	592.4



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1304.7	1318.8	1375.1	1431.3	1375.1	1318.8	1304.7	1090.6	805.1	662.3	570.2
115°	1241.1	1260.6	1338.6	1416.6	1338.6	1260.6	1241.1	1034.8	759.8	622.2	544.7
117.5°	1153.2	1174.8	1261.4	1347.9	1261.4	1174.8	1153.2	967.0	718.7	594.6	528.6
120°	1093.9	1114.9	1199.0	1283.1	1199.0	1114.9	1093.9	923.8	697.0	583.6	523.3
122.5°	1034.7	1055.4	1138.4	1221.3	1138.4	1055.4	1034.7	881.6	677.2	575.1	520.4
125°	956.4	975.5	1051.8	1128.2	1051.8	975.5	956.4	826.2	652.7	565.9	518.1
127.5°	893.4	909.5	973.9	1038.4	973.9	909.5	893.4	781.7	632.7	558.2	516.7
130°	853.6	868.5	928.1	987.6	928.1	868.5	853.6	754.2	621.5	555.2	517.5
132.5°	819.8	833.1	886.5	939.8	886.5	833.1	819.8	730.8	612.1	552.7	518.1
135°	771.9	783.5	829.4	875.4	829.4	783.5	771.9	697.4	598.0	548.2	517.5
137.5°	736.7	746.1	783.7	821.3	783.7	746.1	736.7	673.7	589.6	547.5	520.8
140°	708.3	717.0	752.2	787.4	752.2	717.0	708.3	653.8	581.3	544.9	521.3
142.5°	688.5	696.1	726.2	756.5	726.2	696.1	688.5	640.6	576.8	544.9	523.2
145°	658.7	664.4	687.3	710.2	687.3	664.4	658.7	619.6	567.3	541.3	523.3
147.5°	633.6	638.3	657.3	676.3	657.3	638.3	633.6	602.8	561.8	541.3	526.8
150°	619.3	623.1	638.5	653.8	638.5	623.1	619.3	593.3	558.6	541.3	528.7
152.5°	607.9	610.8	622.4	634.0	622.4	610.8	607.9	585.6	556.1	541.3	529.9
155°	594.2	596.2	603.9	611.5	603.9	596.2	594.2	576.5	553.1	541.3	532.6
157.5°	582.4	583.8	589.2	594.6	589.2	583.8	582.4	568.7	550.4	541.3	535.3
160°	576.5	577.3	580.5	583.6	580.5	577.3	576.5	564.8	549.1	541.3	536.6
162.5°	571.1	571.8	574.8	577.7	574.8	571.8	571.1	561.2	547.9	541.3	537.9
165°	562.6	563.4	566.5	569.6	566.5	563.4	562.6	555.5	546.0	541.3	539.7
167.5°	559.0	559.3	560.6	561.9	560.6	559.3	559.0	554.3	548.1	544.9	543.6
170°	559.0	559.0	559.0	559.0	559.0	559.0	559.0	554.3	548.1	544.9	544.9
172.5°	556.0	555.7	554.6	553.4	554.6	555.7	556.0	552.4	547.4	544.9	544.9
175°	551.9	551.9	551.9	551.9	551.9	551.9	551.9	549.6	546.5	544.9	545.7
177.5°	551.2	550.8	549.6	548.2	549.6	550.8	551.2	549.3	546.9	545.7	546.2
180°	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2	548.2



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3193.1	3193.1	3193.1	3193.1	3193.1
2.5°	3153.8	3168.9	3178.0	3190.0	3220.2
5°	3032.9	3090.3	3108.5	3153.8	3208.2
7.5°	2767.1	2942.3	2990.6	3099.4	3184.0
10°	2510.3	2685.5	2770.2	3026.9	3153.8
12.5°	2380.4	2483.2	2540.6	2900.0	3111.5
15°	2298.9	2371.4	2413.6	2730.9	3063.2
17.5°	2235.5	2286.8	2317.0	2564.8	2996.7
20°	2196.2	2220.3	2247.5	2443.9	2921.2
22.5°	2169.0	2153.9	2175.0	2359.3	2818.4
25°	2150.9	2093.5	2117.7	2292.9	2697.7
27.5°	2165.9	2039.1	2048.1	2232.4	2570.7
30°	2169.0	1972.6	1975.6	2169.0	2428.8
32.5°	2147.8	1903.2	1906.2	2090.4	2268.7
35°	2096.5	1821.6	1818.5	1999.8	2051.2
37.5°	2027.0	1734.0	1734.0	1900.1	1812.6
40°	1942.4	1646.3	1655.5	1770.2	1601.1
42.5°	1839.7	1552.7	1564.9	1598.1	1444.0
45°	1727.9	1462.1	1471.1	1350.4	1323.1
47.5°	1604.1	1368.5	1371.5	1120.8	1283.9
50°	1456.0	1271.8	1259.7	960.6	1280.8
52.5°	1326.2	1166.0	1129.8	870.0	1163.0
55°	1199.3	1054.3	975.7	800.5	1078.5
57.5°	1087.5	909.3	833.8	719.0	1060.3
60°	984.8	767.3	709.9	631.4	972.7
62.5°	900.2	661.6	649.5	570.9	882.1
65°	809.6	589.0	586.0	519.6	749.2
67.5°	722.0	540.7	537.7	471.2	570.9
70°	628.3	489.4	483.4	419.9	422.9
72.5°	531.6	432.0	426.0	377.6	350.4
75°	435.0	365.5	362.5	329.3	283.9
77.5°	341.3	290.0	296.1	265.8	208.4
80°	244.7	211.5	217.5	190.3	157.1
82.5°	163.2	139.0	145.0	120.9	105.7
85°	90.6	78.6	81.6	63.5	48.3
87.5°	42.3	36.2	36.2	24.2	15.1
90°	16.2	10.3	9.6	6.6	3.7
92.5°	99.9	71.1	64.8	39.7	14.7
95°	245.6	138.4	126.9	81.1	35.3
97.5°	330.9	151.9	141.8	101.4	61.1
100°	362.0	163.3	154.2	117.6	81.0
102.5°	376.2	174.8	166.2	132.1	97.9
105°	386.8	191.7	184.5	155.5	126.6
107.5°	388.6	216.7	209.9	183.0	156.0
110°	385.8	230.7	224.7	200.2	175.8



TEST NUMBER: P934545

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	385.9	247.6	241.8	218.6	195.4
115°	389.5	273.1	267.7	246.3	224.9
117.5°	396.7	297.7	292.8	273.3	253.9
120°	402.6	312.1	307.5	289.1	270.8
122.5°	411.0	328.9	324.3	305.8	287.3
125°	422.4	350.6	346.4	329.6	312.8
127.5°	433.8	371.6	367.3	350.4	333.4
130°	442.1	385.6	381.1	362.7	344.4
132.5°	448.9	397.0	392.5	374.1	355.8
135°	456.2	410.2	406.1	389.5	372.8
137.5°	467.3	427.2	423.1	406.6	390.1
140°	474.1	438.6	434.8	419.6	404.4
142.5°	479.7	447.0	443.5	429.4	415.4
145°	487.1	460.0	456.9	444.6	432.4
147.5°	497.8	476.1	473.2	461.2	449.3
150°	503.5	484.6	481.9	471.1	460.3
152.5°	507.2	490.1	488.1	480.0	471.7
155°	515.3	502.3	500.8	494.7	488.6
157.5°	523.3	514.4	512.9	507.0	501.1
160°	527.1	520.0	518.8	514.2	509.6
162.5°	531.0	525.8	524.9	521.6	518.1
165°	536.6	534.2	533.4	530.4	527.3
167.5°	541.0	539.1	538.7	537.2	535.8
170°	544.7	544.6	544.2	542.7	541.3
172.5°	544.9	544.9	544.9	544.6	544.2
175°	547.2	548.2	548.2	548.2	548.2
177.5°	547.4	548.2	548.2	548.2	548.2
180°	548.2	548.2	548.2	548.2	548.2



TEST NUMBER: P934545
 CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-3500K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.84	16.91	16.60	17.70	18.66	18.68	19.75	19.44	20.54	21.49
	3H	16.33	17.30	17.11	18.09	19.08	20.04	21.01	20.82	21.80	22.79
	4H	16.53	17.44	17.33	18.25	19.25	20.50	21.41	21.29	22.21	23.21
	6H	16.66	17.50	17.47	18.32	19.33	20.80	21.63	21.60	22.45	23.46
	8H	16.67	17.47	17.49	18.30	19.31	20.88	21.68	21.69	22.51	23.52
	12H	16.65	17.41	17.47	18.24	19.28	20.92	21.69	21.75	22.51	23.55
4H	2H	16.90	17.81	17.70	18.62	19.61	19.11	20.02	19.91	20.83	21.82
	3H	17.95	18.71	18.76	19.54	20.56	20.64	21.40	21.45	22.24	23.25
	4H	18.23	18.92	19.06	19.76	20.80	21.18	21.87	22.00	22.71	23.75
	6H	18.37	18.97	19.21	19.83	20.87	21.56	22.15	22.40	23.02	24.06
	8H	18.38	18.94	19.23	19.79	20.85	21.67	22.23	22.52	23.09	24.14
	12H	18.36	18.86	19.22	19.74	20.80	21.74	22.24	22.61	23.12	24.18
8H	4H	18.70	19.26	19.55	20.12	21.18	21.32	21.88	22.17	22.74	23.79
	6H	18.97	19.44	19.85	20.34	21.39	21.77	22.23	22.64	23.13	24.19
	8H	19.02	19.43	19.90	20.32	21.40	21.92	22.33	22.81	23.23	24.30
	12H	19.01	19.37	19.90	20.26	21.39	22.03	22.39	22.92	23.28	24.41
12H	4H	18.72	19.22	19.59	20.10	21.16	21.29	21.80	22.16	22.67	23.74
	6H	19.04	19.45	19.92	20.34	21.42	21.77	22.18	22.65	23.07	24.15
	8H	19.11	19.47	20.00	20.36	21.49	21.94	22.30	22.83	23.19	24.31