

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: P933956

Luminaire Tested: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933956
REPORT IS A COMBINATION OF REPORTS P933677 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

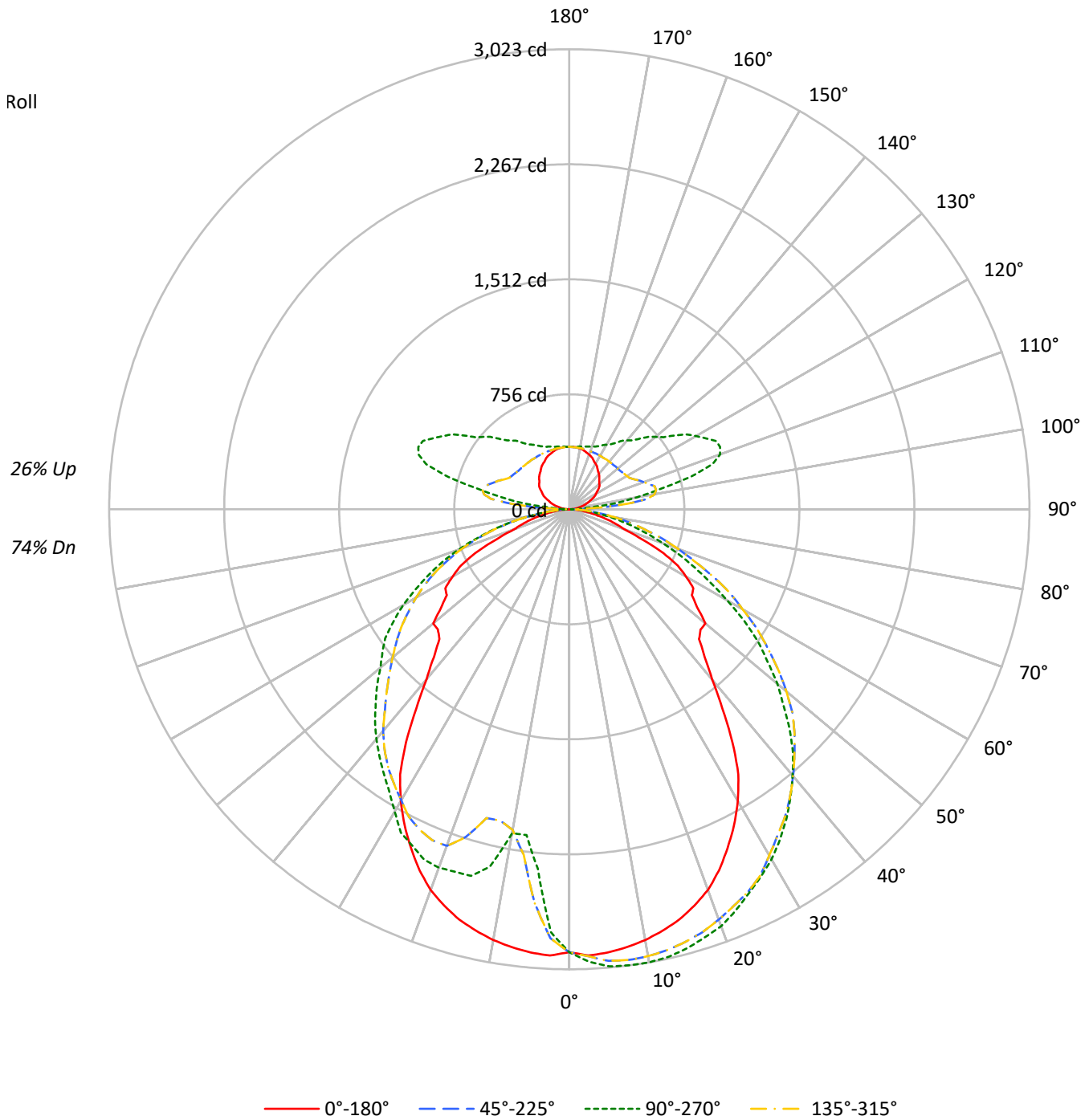
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10210.2 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74			
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	69	68	66	62			
2	94	86	80	75	89	82	77	72	75	70	66	68	64	61	61	58	56	52			
3	86	76	68	62	81	72	66	60	66	60	56	60	55	52	54	51	48	44			
4	79	67	59	53	74	64	57	51	59	52	48	53	48	44	48	44	41	38			
5	72	60	52	45	68	57	50	44	52	46	41	48	42	38	43	39	36	33			
6	67	54	46	39	63	52	44	38	47	41	36	43	38	34	39	35	31	29			
7	62	49	41	35	58	47	39	34	43	36	32	39	34	30	36	31	28	26			
8	57	44	36	31	54	43	35	30	39	33	28	36	31	27	33	28	25	23			
9	53	41	33	28	51	39	32	27	36	30	25	33	28	24	30	26	23	21			
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9001	9001	9001	9001
5°	9072	9086	9072	7144
10°	9014	8950	9014	6399
15°	8920	8757	8920	7312
20°	8737	8527	8737	7327
25°	8358	8192	8358	7172
30°	7868	7914	7868	6831
35°	7017	7562	7017	6456
40°	5851	7147	5851	6173
45°	5231	6662	5231	5848
50°	5562	6084	5562	5521
55°	5238	5461	5238	5332
60°	5406	4638	5406	4883
65°	4910	3834	4910	4286
70°	3407	3056	3407	3593
75°	3000	2259	3000	2705
80°	2436	1493	2436	1626
85°	1426	791	1426	672

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8012 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.7	2.6
10°-20°	745.8	7.3
20°-30°	1152.9	11.3
30°-40°	1376.3	13.5
40°-50°	1384.4	13.6
50°-60°	1204.6	11.8
60°-70°	854.1	8.4
70°-80°	451.9	4.4
80°-90°	114.1	1.1
90°-100°	200.3	2.0
100°-110°	526.5	5.2
110°-120°	546.0	5.3
120°-130°	437.9	4.3
130°-140°	343.6	3.4
140°-150°	263.7	2.6
150°-160°	189.9	1.9
160°-170°	116.2	1.1
170°-180°	39.3	0.4
0°-30°	2161.4	21.2
0°-40°	3537.8	34.6
0°-60°	6126.8	60.0
0°-90°	7546.8	73.9
90°-120°	1272.7	12.5
90°-150°	2318.0	22.7
90°-180°	2663.0	26.1
0°-180°	10210.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2910	2910	2910	2910	2910	
5°	2924	3015	2924	2370	2924	277
15°	2792	2987	2792	2494	2792	785
25°	2459	2786	2459	2439	2459	1129
35°	1869	2486	1869	2123	1869	1157
45°	1206	2048	1206	1798	1206	966
55°	983	1511	983	1476	983	903
65°	683	911	683	1019	683	653
75°	259	432	259	518	259	272
85°	44	110	44	94	44	59
90°	3	10	3	10	3	4
95°	26	121	26	121	26	29
105°	95	824	95	824	95	101
115°	168	1062	168	1062	168	166
125°	234	845	234	845	234	208
135°	279	656	279	656	279	216
145°	324	532	324	532	324	203
155°	366	458	366	458	366	168
165°	395	427	395	427	395	112
175°	411	414	411	414	411	39
180°	411	411	411	411	411	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1
2.5°	2934.9	2934.9	2951.4	2956.9	2956.9	2948.6	2940.4	2948.6	2973.4	2981.7	2978.9
5°	2923.9	2945.9	2976.2	2981.7	2987.2	2984.4	2978.9	2984.4	3012.0	3017.5	3020.2
7.5°	2901.8	2943.1	2981.7	2989.9	2998.2	2989.9	2987.2	2992.7	3020.2	3025.7	3025.7
10°	2874.3	2932.1	2976.2	2981.7	2989.9	2981.7	2981.7	2992.7	3020.2	3025.7	3028.5
12.5°	2835.8	2915.6	2956.9	2962.4	2973.4	2970.7	2967.9	2978.9	3006.5	3012.0	3012.0
15°	2791.7	2885.3	2923.9	2929.4	2948.6	2943.1	2943.1	2954.2	2984.4	2992.7	2989.9
17.5°	2731.2	2846.8	2890.8	2899.1	2912.9	2910.1	2912.9	2923.9	2951.4	2956.9	2959.7
20°	2662.3	2794.5	2846.8	2855.0	2868.8	2868.8	2868.8	2882.6	2910.1	2921.1	2921.1
22.5°	2568.7	2739.4	2794.5	2800.0	2816.5	2816.5	2822.0	2841.3	2866.1	2868.8	2868.8
25°	2458.6	2678.8	2725.6	2742.2	2758.7	2766.9	2775.2	2786.2	2794.5	2791.7	2794.5
27.5°	2342.9	2601.8	2662.3	2673.3	2695.4	2703.6	2714.6	2717.4	2720.1	2728.4	2722.9
30°	2213.5	2494.4	2585.2	2596.3	2632.0	2637.5	2626.5	2632.0	2645.8	2651.3	2656.8
32.5°	2067.6	2334.6	2505.4	2530.2	2563.2	2546.7	2543.9	2552.2	2574.2	2574.2	2579.7
35°	1869.3	2210.7	2431.1	2453.1	2477.9	2458.6	2469.6	2472.4	2486.1	2494.4	2491.6
37.5°	1651.9	2103.4	2353.9	2370.4	2389.7	2364.9	2381.4	2389.7	2400.7	2395.2	2395.2
40°	1459.1	1935.4	2263.0	2274.0	2290.6	2271.3	2287.8	2293.3	2298.8	2293.3	2290.6
42.5°	1316.0	1751.0	2166.7	2180.4	2169.4	2183.2	2188.7	2199.7	2191.5	2180.4	2180.4
45°	1205.9	1701.4	2062.1	2078.6	2062.1	2084.1	2092.3	2092.3	2067.6	2062.1	2059.3
47.5°	1170.1	1602.3	1957.4	1957.4	1949.2	1976.7	1990.5	1971.2	1946.4	1938.2	1938.2
50°	1167.3	1492.2	1814.3	1803.3	1841.8	1874.9	1861.1	1841.8	1822.5	1792.3	1792.3
52.5°	1059.9	1357.3	1629.8	1671.1	1731.7	1751.0	1728.9	1709.7	1676.6	1662.9	1651.9
55°	982.9	1216.9	1461.9	1544.5	1607.8	1632.6	1591.3	1572.0	1522.5	1514.2	1508.7
57.5°	966.3	1013.1	1307.7	1412.3	1489.4	1486.7	1461.9	1426.1	1384.8	1376.5	1373.8
60°	886.5	732.3	1142.5	1266.4	1346.3	1338.0	1316.0	1282.9	1244.4	1238.9	1233.4
62.5°	803.9	531.3	955.3	1095.7	1208.6	1205.9	1186.6	1137.0	1109.5	1095.7	1084.7
65°	682.8	446.0	680.0	911.3	1073.7	1079.2	1037.9	1002.1	971.8	955.3	952.6
67.5°	520.3	363.4	459.8	759.9	944.3	938.8	886.5	870.0	831.4	823.2	806.7
70°	385.4	242.3	319.4	616.7	817.7	803.9	762.6	743.3	707.5	688.3	677.3
72.5°	319.4	195.5	234.0	479.0	688.3	671.8	636.0	613.9	583.7	567.1	556.1
75°	258.8	206.5	179.0	355.1	558.9	547.9	514.8	492.8	468.0	446.0	448.8
77.5°	190.0	192.7	143.2	261.5	443.2	426.7	407.5	379.9	368.9	346.9	346.9
80°	143.2	151.4	107.4	179.0	319.4	319.4	302.8	283.6	264.3	253.3	253.3
82.5°	96.4	96.4	79.8	112.9	217.5	209.2	198.2	192.7	181.7	176.2	176.2
85°	44.0	55.1	49.6	68.8	118.4	123.9	123.9	118.4	115.6	110.1	112.9
87.5°	13.8	24.8	30.3	38.5	60.6	63.3	66.1	66.1	66.1	68.8	68.8
90°	2.8	5.0	7.2	7.7	12.1	18.0	20.9	18.6	13.9	10.5	10.5
92.5°	11.0	29.7	48.5	53.2	74.8	103.6	118.0	103.4	74.2	52.4	50.3
95°	26.4	60.8	95.1	103.7	184.1	291.4	345.0	307.8	233.6	177.8	171.5
97.5°	45.8	76.1	106.4	113.9	248.0	426.8	516.2	492.7	445.8	410.6	398.6
100°	60.7	88.1	115.5	122.4	271.3	469.7	568.9	570.6	574.0	576.6	562.3
102.5°	73.3	98.9	124.5	131.0	281.9	483.2	583.7	613.7	673.4	718.3	706.0
105°	94.9	116.5	138.2	143.6	289.8	484.6	582.1	649.1	783.2	883.7	877.1
107.5°	116.9	137.1	157.4	162.4	291.3	463.1	549.0	642.5	829.5	969.8	971.4
110°	131.8	150.0	168.3	172.9	289.1	444.0	521.4	626.0	835.0	991.8	998.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	146.5	163.8	181.2	185.6	289.2	427.3	496.4	603.4	817.3	977.8	988.4
115°	168.5	184.5	200.6	204.6	291.8	408.1	466.3	569.3	775.5	930.1	944.7
117.5°	190.2	204.8	219.4	223.1	297.2	396.2	445.6	538.7	724.7	864.2	880.4
120°	202.9	216.7	230.4	233.8	301.6	392.0	437.3	522.3	692.3	819.8	835.6
122.5°	215.4	229.2	243.0	246.5	308.0	389.9	430.9	507.5	660.6	775.4	790.9
125°	234.4	247.0	259.7	262.8	316.6	388.3	424.1	489.0	619.1	716.6	730.9
127.5°	249.8	262.6	275.3	278.5	325.1	387.3	418.3	474.1	585.8	669.5	681.6
130°	258.1	271.8	285.6	289.0	331.4	387.8	416.1	465.8	565.2	639.7	650.9
132.5°	266.7	280.4	294.1	297.5	336.4	388.3	414.2	458.7	547.7	614.4	624.4
135°	279.3	291.8	304.3	307.4	341.9	387.9	410.9	448.1	522.6	578.5	587.1
137.5°	292.3	304.7	317.0	320.1	350.2	390.3	410.3	441.8	504.7	552.0	559.1
140°	303.0	314.4	325.9	328.7	355.2	390.7	408.4	435.5	490.0	530.8	537.4
142.5°	311.3	321.8	332.4	335.1	359.5	392.0	408.4	432.2	480.0	515.9	521.6
145°	324.0	333.2	342.4	344.7	365.0	392.0	405.6	425.2	464.3	493.5	497.8
147.5°	336.7	345.6	354.6	356.8	373.0	394.8	405.6	421.0	451.8	474.8	478.4
150°	345.0	353.0	361.1	363.1	377.3	396.2	405.6	418.7	444.6	464.1	466.9
152.5°	353.5	359.6	365.7	367.3	380.0	397.1	405.6	416.7	438.9	455.5	457.7
155°	366.2	370.7	375.2	376.3	386.1	399.1	405.6	414.4	432.1	445.4	446.8
157.5°	375.5	379.9	384.4	385.5	392.2	401.1	405.6	412.5	426.2	436.5	437.5
160°	381.9	385.3	388.8	389.7	395.0	402.0	405.6	411.5	423.2	432.1	432.6
162.5°	388.3	390.8	393.4	394.1	397.9	403.1	405.6	410.6	420.5	427.9	428.5
165°	395.2	397.5	399.8	400.4	402.1	404.4	405.6	409.2	416.3	421.6	422.1
167.5°	401.5	402.6	403.7	404.0	405.4	407.4	408.4	410.7	415.3	418.8	419.1
170°	405.6	406.7	407.8	408.1	408.2	408.3	408.4	410.7	415.3	418.8	418.8
172.5°	407.8	408.1	408.3	408.4	408.4	408.4	408.4	410.2	413.9	416.6	416.4
175°	410.9	410.9	410.9	410.9	410.0	408.9	408.4	409.6	411.9	413.6	413.6
177.5°	410.9	410.9	410.9	410.9	410.2	409.4	408.9	409.8	411.7	413.1	412.8
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1
2.5°	2984.4	2976.2	2984.4	2978.9	2981.7	2973.4	2948.6	2940.4	2948.6	2956.9	2956.9
5°	3020.2	3014.7	3020.2	3020.2	3017.5	3012.0	2984.4	2978.9	2984.4	2987.2	2981.7
7.5°	3031.2	3023.0	3031.2	3025.7	3025.7	3020.2	2992.7	2987.2	2989.9	2998.2	2989.9
10°	3031.2	3023.0	3031.2	3028.5	3025.7	3020.2	2992.7	2981.7	2981.7	2989.9	2981.7
12.5°	3017.5	3012.0	3017.5	3012.0	3012.0	3006.5	2978.9	2967.9	2970.7	2973.4	2962.4
15°	2995.4	2987.2	2995.4	2989.9	2992.7	2984.4	2954.2	2943.1	2943.1	2948.6	2929.4
17.5°	2962.4	2951.4	2962.4	2959.7	2956.9	2951.4	2923.9	2912.9	2910.1	2912.9	2899.1
20°	2923.9	2915.6	2923.9	2921.1	2921.1	2910.1	2882.6	2868.8	2868.8	2868.8	2855.0
22.5°	2863.3	2855.0	2863.3	2868.8	2868.8	2866.1	2841.3	2822.0	2816.5	2816.5	2800.0
25°	2794.5	2786.2	2794.5	2794.5	2791.7	2794.5	2786.2	2775.2	2766.9	2758.7	2742.2
27.5°	2728.4	2722.9	2728.4	2722.9	2728.4	2720.1	2717.4	2714.6	2703.6	2695.4	2673.3
30°	2662.3	2656.8	2662.3	2656.8	2651.3	2645.8	2632.0	2626.5	2637.5	2632.0	2596.3
32.5°	2579.7	2574.2	2579.7	2579.7	2574.2	2574.2	2552.2	2543.9	2546.7	2563.2	2530.2
35°	2494.4	2486.1	2494.4	2491.6	2494.4	2486.1	2472.4	2469.6	2458.6	2477.9	2453.1
37.5°	2395.2	2386.9	2395.2	2395.2	2395.2	2400.7	2389.7	2381.4	2364.9	2389.7	2370.4
40°	2293.3	2282.3	2293.3	2290.6	2293.3	2298.8	2293.3	2287.8	2271.3	2290.6	2274.0
42.5°	2177.7	2174.9	2177.7	2180.4	2180.4	2191.5	2199.7	2188.7	2183.2	2169.4	2180.4
45°	2053.8	2048.3	2053.8	2059.3	2062.1	2067.6	2092.3	2092.3	2084.1	2062.1	2078.6
47.5°	1921.7	1907.9	1921.7	1938.2	1938.2	1946.4	1971.2	1990.5	1976.7	1949.2	1957.4
50°	1781.2	1784.0	1781.2	1792.3	1792.3	1822.5	1841.8	1861.1	1874.9	1841.8	1803.3
52.5°	1643.6	1640.8	1643.6	1651.9	1662.9	1676.6	1709.7	1728.9	1751.0	1731.7	1671.1
55°	1505.9	1511.4	1505.9	1508.7	1514.2	1522.5	1572.0	1591.3	1632.6	1607.8	1544.5
57.5°	1368.3	1360.0	1368.3	1373.8	1376.5	1384.8	1426.1	1461.9	1486.7	1489.4	1412.3
60°	1208.6	1197.6	1208.6	1233.4	1238.9	1244.4	1282.9	1316.0	1338.0	1346.3	1266.4
62.5°	1068.2	1048.9	1068.2	1084.7	1095.7	1109.5	1137.0	1186.6	1205.9	1208.6	1095.7
65°	919.5	911.3	919.5	952.6	955.3	971.8	1002.1	1037.9	1079.2	1073.7	911.3
67.5°	784.6	784.6	784.6	806.7	823.2	831.4	870.0	886.5	938.8	944.3	759.9
70°	660.7	658.0	660.7	677.3	688.3	707.5	743.3	762.6	803.9	817.7	616.7
72.5°	542.4	539.6	542.4	556.1	567.1	583.7	613.9	636.0	671.8	688.3	479.0
75°	437.7	432.2	437.7	448.8	446.0	468.0	492.8	514.8	547.9	558.9	355.1
77.5°	335.9	335.9	335.9	346.9	346.9	368.9	379.9	407.5	426.7	443.2	261.5
80°	250.5	247.8	250.5	253.3	253.3	264.3	283.6	302.8	319.4	319.4	179.0
82.5°	176.2	170.7	176.2	176.2	176.2	181.7	192.7	198.2	209.2	217.5	112.9
85°	110.1	110.1	110.1	112.9	110.1	115.6	118.4	123.9	123.9	118.4	68.8
87.5°	71.6	68.8	71.6	68.8	68.8	66.1	66.1	66.1	63.3	60.6	38.5
90°	10.5	10.5	10.5	10.5	10.5	13.9	18.6	20.9	18.0	12.1	7.7
92.5°	42.0	33.7	42.0	50.3	52.4	74.2	103.4	118.0	103.6	74.8	53.2
95°	146.3	121.0	146.3	171.5	177.8	233.6	307.8	345.0	291.4	184.1	103.7
97.5°	350.6	302.5	350.6	398.6	410.6	445.8	492.7	516.2	426.8	248.0	113.9
100°	505.1	447.8	505.1	562.3	576.6	574.0	570.6	568.9	469.7	271.3	122.4
102.5°	657.0	608.0	657.0	706.0	718.3	673.4	613.7	583.7	483.2	281.9	131.0
105°	850.8	824.5	850.8	877.1	883.7	783.2	649.1	582.1	484.6	289.8	143.6
107.5°	977.8	984.1	977.8	971.4	969.8	829.5	642.5	549.0	463.1	291.3	162.4
110°	1026.2	1053.6	1026.2	998.7	991.8	835.0	626.0	521.4	444.0	289.1	172.9



TEST NUMBER: P933956

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1030.5	1072.6	1030.5	988.4	977.8	817.3	603.4	496.4	427.3	289.2	185.6
115°	1003.1	1061.6	1003.1	944.7	930.1	775.5	569.3	466.3	408.1	291.8	204.6
117.5°	945.2	1010.0	945.2	880.4	864.2	724.7	538.7	445.6	396.2	297.2	223.1
120°	898.5	961.5	898.5	835.6	819.8	692.3	522.3	437.3	392.0	301.6	233.8
122.5°	853.1	915.2	853.1	790.9	775.4	660.6	507.5	430.9	389.9	308.0	246.5
125°	788.1	845.4	788.1	730.9	716.6	619.1	489.0	424.1	388.3	316.6	262.8
127.5°	729.8	778.1	729.8	681.6	669.5	585.8	474.1	418.3	387.3	325.1	278.5
130°	695.5	740.1	695.5	650.9	639.7	565.2	465.8	416.1	387.8	331.4	289.0
132.5°	664.3	704.2	664.3	624.4	614.4	547.7	458.7	414.2	388.3	336.4	297.5
135°	621.6	656.0	621.6	587.1	578.5	522.6	448.1	410.9	387.9	341.9	307.4
137.5°	587.2	615.5	587.2	559.1	552.0	504.7	441.8	410.3	390.3	350.2	320.1
140°	563.7	590.1	563.7	537.4	530.8	490.0	435.5	408.4	390.7	355.2	328.7
142.5°	544.3	567.0	544.3	521.6	515.9	480.0	432.2	408.4	392.0	359.5	335.1
145°	515.0	532.2	515.0	497.8	493.5	464.3	425.2	405.6	392.0	365.0	344.7
147.5°	492.6	506.8	492.6	478.4	474.8	451.8	421.0	405.6	394.8	373.0	356.8
150°	478.5	490.0	478.5	466.9	464.1	444.6	418.7	405.6	396.2	377.3	363.1
152.5°	466.4	475.1	466.4	457.7	455.5	438.9	416.7	405.6	397.1	380.0	367.3
155°	452.5	458.3	452.5	446.8	445.4	432.1	414.4	405.6	399.1	386.1	376.3
157.5°	441.6	445.6	441.6	437.5	436.5	426.2	412.5	405.6	401.1	392.2	385.5
160°	435.0	437.3	435.0	432.6	432.1	423.2	411.5	405.6	402.0	395.0	389.7
162.5°	430.7	432.9	430.7	428.5	427.9	420.5	410.6	405.6	403.1	397.9	394.1
165°	424.5	426.8	424.5	422.1	421.6	416.3	409.2	405.6	404.4	402.1	400.4
167.5°	420.0	421.0	420.0	419.1	418.8	415.3	410.7	408.4	407.4	405.4	404.0
170°	418.8	418.8	418.8	418.8	418.8	415.3	410.7	408.4	408.3	408.2	408.1
172.5°	415.5	414.7	415.5	416.4	416.6	413.9	410.2	408.4	408.4	408.4	408.4
175°	413.6	413.6	413.6	413.6	413.6	411.9	409.6	408.4	408.9	410.0	410.9
177.5°	411.9	410.9	411.9	412.8	413.1	411.7	409.8	408.9	409.4	410.2	410.9
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P933956

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1
2.5°	2951.4	2934.9	2934.9	2907.3	2896.3	2888.1	2874.3	2833.0	2822.0	2811.0	2827.5
5°	2976.2	2945.9	2923.9	2874.3	2833.0	2816.5	2764.2	2665.1	2599.0	2549.4	2521.9
7.5°	2981.7	2943.1	2901.8	2824.8	2725.6	2681.6	2521.9	2340.1	2290.6	2246.5	2219.0
10°	2976.2	2932.1	2874.3	2758.7	2524.7	2447.6	2287.8	2169.4	2139.1	2130.9	2139.1
12.5°	2956.9	2915.6	2835.8	2643.1	2315.3	2263.0	2169.4	2100.6	2095.1	2108.9	2183.2
15°	2923.9	2885.3	2791.7	2488.9	2199.7	2161.2	2095.1	2070.3	2100.6	2197.0	2420.0
17.5°	2890.8	2846.8	2731.2	2337.4	2111.6	2084.1	2037.3	2086.8	2257.5	2386.9	2461.3
20°	2846.8	2794.5	2662.3	2227.2	2048.3	2023.5	2001.5	2224.5	2353.9	2400.7	2442.1
22.5°	2794.5	2739.4	2568.7	2150.2	1982.2	1962.9	1976.7	2301.6	2353.9	2386.9	2422.7
25°	2725.6	2678.8	2458.6	2089.6	1929.9	1907.9	1960.2	2293.3	2323.6	2331.9	2403.4
27.5°	2662.3	2601.8	2342.9	2034.5	1866.6	1858.3	1974.0	2257.5	2279.6	2287.8	2364.9
30°	2585.2	2494.4	2213.5	1976.7	1800.5	1797.8	1976.7	2213.5	2208.0	2230.0	2307.1
32.5°	2505.4	2334.6	2067.6	1905.1	1737.2	1734.4	1957.4	2147.4	2141.9	2172.2	2230.0
35°	2431.1	2210.7	1869.3	1822.5	1657.4	1660.1	1910.6	2070.3	2073.1	2100.6	2136.4
37.5°	2353.9	2103.4	1651.9	1731.7	1580.3	1580.3	1847.3	1998.7	1993.2	2001.5	2051.0
40°	2263.0	1935.4	1459.1	1613.3	1508.7	1500.4	1770.2	1921.7	1902.4	1899.6	1968.5
42.5°	2166.7	1751.0	1316.0	1456.4	1426.1	1415.1	1676.6	1828.0	1792.3	1800.5	1888.6
45°	2062.1	1701.4	1205.9	1230.6	1340.8	1332.5	1574.8	1720.7	1695.9	1717.9	1808.8
47.5°	1957.4	1602.3	1170.1	1021.4	1249.9	1247.1	1461.9	1616.1	1602.3	1624.3	1720.7
50°	1814.3	1492.2	1167.3	875.5	1148.0	1159.0	1327.0	1514.2	1514.2	1533.5	1635.3
52.5°	1629.8	1357.3	1059.9	792.9	1029.7	1062.7	1208.6	1426.1	1431.6	1450.9	1541.7
55°	1461.9	1216.9	982.9	729.6	889.2	960.8	1093.0	1335.2	1346.3	1365.5	1448.1
57.5°	1307.7	1013.1	966.3	655.2	759.9	828.7	991.1	1247.1	1252.7	1269.2	1349.0
60°	1142.5	732.3	886.5	575.4	647.0	699.3	897.5	1142.5	1161.8	1172.8	1241.6
62.5°	955.3	531.3	803.9	520.3	591.9	602.9	820.4	1043.4	1068.2	1076.5	1117.8
65°	680.0	446.0	682.8	473.5	534.1	536.9	737.8	941.6	963.6	977.3	1007.6
67.5°	459.8	363.4	520.3	429.5	490.0	492.8	658.0	823.2	853.5	864.5	883.7
70°	319.4	242.3	385.4	382.7	440.5	446.0	572.6	715.8	743.3	751.6	762.6
72.5°	234.0	195.5	319.4	344.1	388.2	393.7	484.5	594.7	622.2	630.5	636.0
75°	179.0	206.5	258.8	300.1	330.4	333.1	396.4	484.5	503.8	509.3	512.1
77.5°	143.2	192.7	190.0	242.3	269.8	264.3	311.1	374.4	390.9	390.9	390.9
80°	107.4	151.4	143.2	173.4	198.2	192.7	223.0	267.0	272.6	278.1	275.3
82.5°	79.8	96.4	96.4	110.1	132.1	126.6	148.7	173.4	173.4	173.4	179.0
85°	49.6	55.1	44.0	57.8	74.3	71.6	82.6	93.6	96.4	96.4	90.9
87.5°	30.3	24.8	13.8	22.0	33.0	33.0	38.5	41.3	38.5	38.5	38.5
90°	7.2	5.0	2.8	5.0	7.2	7.7	12.1	18.0	20.9	18.6	13.9
92.5°	48.5	29.7	11.0	29.7	48.5	53.2	74.8	103.6	118.0	103.4	74.2
95°	95.1	60.8	26.4	60.8	95.1	103.7	184.1	291.4	345.0	307.8	233.6
97.5°	106.4	76.1	45.8	76.1	106.4	113.9	248.0	426.8	516.2	492.7	445.8
100°	115.5	88.1	60.7	88.1	115.5	122.4	271.3	469.7	568.9	570.6	574.0
102.5°	124.5	98.9	73.3	98.9	124.5	131.0	281.9	483.2	583.7	613.7	673.4
105°	138.2	116.5	94.9	116.5	138.2	143.6	289.8	484.6	582.1	649.1	783.2
107.5°	157.4	137.1	116.9	137.1	157.4	162.4	291.3	463.1	549.0	642.5	829.5
110°	168.3	150.0	131.8	150.0	168.3	172.9	289.1	444.0	521.4	626.0	835.0



TEST NUMBER: P933956

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	181.2	163.8	146.5	163.8	181.2	185.6	289.2	427.3	496.4	603.4	817.3
115°	200.6	184.5	168.5	184.5	200.6	204.6	291.8	408.1	466.3	569.3	775.5
117.5°	219.4	204.8	190.2	204.8	219.4	223.1	297.2	396.2	445.6	538.7	724.7
120°	230.4	216.7	202.9	216.7	230.4	233.8	301.6	392.0	437.3	522.3	692.3
122.5°	243.0	229.2	215.4	229.2	243.0	246.5	308.0	389.9	430.9	507.5	660.6
125°	259.7	247.0	234.4	247.0	259.7	262.8	316.6	388.3	424.1	489.0	619.1
127.5°	275.3	262.6	249.8	262.6	275.3	278.5	325.1	387.3	418.3	474.1	585.8
130°	285.6	271.8	258.1	271.8	285.6	289.0	331.4	387.8	416.1	465.8	565.2
132.5°	294.1	280.4	266.7	280.4	294.1	297.5	336.4	388.3	414.2	458.7	547.7
135°	304.3	291.8	279.3	291.8	304.3	307.4	341.9	387.9	410.9	448.1	522.6
137.5°	317.0	304.7	292.3	304.7	317.0	320.1	350.2	390.3	410.3	441.8	504.7
140°	325.9	314.4	303.0	314.4	325.9	328.7	355.2	390.7	408.4	435.5	490.0
142.5°	332.4	321.8	311.3	321.8	332.4	335.1	359.5	392.0	408.4	432.2	480.0
145°	342.4	333.2	324.0	333.2	342.4	344.7	365.0	392.0	405.6	425.2	464.3
147.5°	354.6	345.6	336.7	345.6	354.6	356.8	373.0	394.8	405.6	421.0	451.8
150°	361.1	353.0	345.0	353.0	361.1	363.1	377.3	396.2	405.6	418.7	444.6
152.5°	365.7	359.6	353.5	359.6	365.7	367.3	380.0	397.1	405.6	416.7	438.9
155°	375.2	370.7	366.2	370.7	375.2	376.3	386.1	399.1	405.6	414.4	432.1
157.5°	384.4	379.9	375.5	379.9	384.4	385.5	392.2	401.1	405.6	412.5	426.2
160°	388.8	385.3	381.9	385.3	388.8	389.7	395.0	402.0	405.6	411.5	423.2
162.5°	393.4	390.8	388.3	390.8	393.4	394.1	397.9	403.1	405.6	410.6	420.5
165°	399.8	397.5	395.2	397.5	399.8	400.4	402.1	404.4	405.6	409.2	416.3
167.5°	403.7	402.6	401.5	402.6	403.7	404.0	405.4	407.4	408.4	410.7	415.3
170°	407.8	406.7	405.6	406.7	407.8	408.1	408.2	408.3	408.4	410.7	415.3
172.5°	408.3	408.1	407.8	408.1	408.3	408.4	408.4	408.4	408.4	410.2	413.9
175°	410.9	410.9	410.9	410.9	410.9	410.9	410.0	408.9	408.4	409.6	411.9
177.5°	410.9	410.9	410.9	410.9	410.9	410.9	410.2	409.4	408.9	409.8	411.7
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P933956
 CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1	2910.1
2.5°	2808.2	2800.0	2811.0	2780.7	2811.0	2800.0	2808.2	2827.5	2811.0	2822.0	2833.0
5°	2464.1	2450.3	2406.2	2370.4	2406.2	2450.3	2464.1	2521.9	2549.4	2599.0	2665.1
7.5°	2202.5	2191.5	2180.4	2158.4	2180.4	2191.5	2202.5	2219.0	2246.5	2290.6	2340.1
10°	2144.7	2147.4	2163.9	2161.2	2163.9	2147.4	2144.7	2139.1	2130.9	2139.1	2169.4
12.5°	2293.3	2318.1	2408.9	2403.4	2408.9	2318.1	2293.3	2183.2	2108.9	2095.1	2100.6
15°	2464.1	2472.4	2491.6	2494.4	2491.6	2472.4	2464.1	2420.0	2197.0	2100.6	2070.3
17.5°	2480.6	2483.4	2497.1	2497.1	2497.1	2483.4	2480.6	2461.3	2386.9	2257.5	2086.8
20°	2466.9	2472.4	2499.9	2505.4	2499.9	2472.4	2466.9	2442.1	2400.7	2353.9	2224.5
22.5°	2461.3	2472.4	2494.4	2491.6	2494.4	2472.4	2461.3	2422.7	2386.9	2353.9	2301.6
25°	2433.8	2433.8	2436.6	2439.3	2436.6	2433.8	2433.8	2403.4	2331.9	2323.6	2293.3
27.5°	2375.9	2381.4	2397.9	2395.2	2397.9	2381.4	2375.9	2364.9	2287.8	2279.6	2257.5
30°	2323.6	2318.1	2304.3	2293.3	2304.3	2318.1	2323.6	2307.1	2230.0	2208.0	2213.5
32.5°	2235.5	2221.7	2208.0	2199.7	2208.0	2221.7	2235.5	2230.0	2172.2	2141.9	2147.4
35°	2130.9	2133.6	2130.9	2122.6	2130.9	2133.6	2130.9	2136.4	2100.6	2073.1	2070.3
37.5°	2056.6	2062.1	2059.3	2048.3	2059.3	2062.1	2056.6	2051.0	2001.5	1993.2	1998.7
40°	1979.5	1982.2	1979.5	1971.2	1979.5	1982.2	1979.5	1968.5	1899.6	1902.4	1921.7
42.5°	1905.1	1902.4	1894.1	1888.6	1894.1	1902.4	1905.1	1888.6	1800.5	1792.3	1828.0
45°	1819.8	1822.5	1806.0	1797.8	1806.0	1822.5	1819.8	1808.8	1717.9	1695.9	1720.7
47.5°	1734.4	1734.4	1720.7	1712.4	1720.7	1734.4	1734.4	1720.7	1624.3	1602.3	1616.1
50°	1643.6	1640.8	1621.6	1618.8	1621.6	1640.8	1643.6	1635.3	1533.5	1514.2	1514.2
52.5°	1539.0	1539.0	1541.7	1547.2	1541.7	1539.0	1539.0	1541.7	1450.9	1431.6	1426.1
55°	1448.1	1450.9	1470.1	1475.7	1470.1	1450.9	1448.1	1448.1	1365.5	1346.3	1335.2
57.5°	1354.5	1354.5	1368.3	1368.3	1368.3	1354.5	1354.5	1349.0	1269.2	1252.7	1247.1
60°	1247.1	1252.7	1263.7	1260.9	1263.7	1252.7	1247.1	1241.6	1172.8	1161.8	1142.5
62.5°	1134.3	1139.8	1142.5	1137.0	1142.5	1139.8	1134.3	1117.8	1076.5	1068.2	1043.4
65°	1015.9	1021.4	1024.1	1018.6	1024.1	1021.4	1015.9	1007.6	977.3	963.6	941.6
67.5°	894.8	892.0	889.2	900.3	889.2	892.0	894.8	883.7	864.5	853.5	823.2
70°	770.9	770.9	768.1	773.6	768.1	770.9	770.9	762.6	751.6	743.3	715.8
72.5°	638.7	636.0	647.0	638.7	647.0	636.0	638.7	636.0	630.5	622.2	594.7
75°	509.3	514.8	509.3	517.6	509.3	514.8	509.3	512.1	509.3	503.8	484.5
77.5°	388.2	393.7	388.2	388.2	388.2	393.7	388.2	390.9	390.9	390.9	374.4
80°	275.3	272.6	272.6	269.8	272.6	272.6	275.3	275.3	278.1	272.6	267.0
82.5°	176.2	173.4	173.4	179.0	173.4	173.4	176.2	179.0	173.4	173.4	173.4
85°	96.4	99.1	93.6	93.6	93.6	99.1	96.4	90.9	96.4	96.4	93.6
87.5°	35.8	33.0	33.0	33.0	33.0	33.0	35.8	38.5	38.5	38.5	41.3
90°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	13.9	18.6	20.9	18.0
92.5°	52.4	50.3	42.0	33.7	42.0	50.3	52.4	74.2	103.4	118.0	103.6
95°	177.8	171.5	146.3	121.0	146.3	171.5	177.8	233.6	307.8	345.0	291.4
97.5°	410.6	398.6	350.6	302.5	350.6	398.6	410.6	445.8	492.7	516.2	426.8
100°	576.6	562.3	505.1	447.8	505.1	562.3	576.6	574.0	570.6	568.9	469.7
102.5°	718.3	706.0	657.0	608.0	657.0	706.0	718.3	673.4	613.7	583.7	483.2
105°	883.7	877.1	850.8	824.5	850.8	877.1	883.7	783.2	649.1	582.1	484.6
107.5°	969.8	971.4	977.8	984.1	977.8	971.4	969.8	829.5	642.5	549.0	463.1
110°	991.8	998.7	1026.2	1053.6	1026.2	998.7	991.8	835.0	626.0	521.4	444.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	977.8	988.4	1030.5	1072.6	1030.5	988.4	977.8	817.3	603.4	496.4	427.3
115°	930.1	944.7	1003.1	1061.6	1003.1	944.7	930.1	775.5	569.3	466.3	408.1
117.5°	864.2	880.4	945.2	1010.0	945.2	880.4	864.2	724.7	538.7	445.6	396.2
120°	819.8	835.6	898.5	961.5	898.5	835.6	819.8	692.3	522.3	437.3	392.0
122.5°	775.4	790.9	853.1	915.2	853.1	790.9	775.4	660.6	507.5	430.9	389.9
125°	716.6	730.9	788.1	845.4	788.1	730.9	716.6	619.1	489.0	424.1	388.3
127.5°	669.5	681.6	729.8	778.1	729.8	681.6	669.5	585.8	474.1	418.3	387.3
130°	639.7	650.9	695.5	740.1	695.5	650.9	639.7	565.2	465.8	416.1	387.8
132.5°	614.4	624.4	664.3	704.2	664.3	624.4	614.4	547.7	458.7	414.2	388.3
135°	578.5	587.1	621.6	656.0	621.6	587.1	578.5	522.6	448.1	410.9	387.9
137.5°	552.0	559.1	587.2	615.5	587.2	559.1	552.0	504.7	441.8	410.3	390.3
140°	530.8	537.4	563.7	590.1	563.7	537.4	530.8	490.0	435.5	408.4	390.7
142.5°	515.9	521.6	544.3	567.0	544.3	521.6	515.9	480.0	432.2	408.4	392.0
145°	493.5	497.8	515.0	532.2	515.0	497.8	493.5	464.3	425.2	405.6	392.0
147.5°	474.8	478.4	492.6	506.8	492.6	478.4	474.8	451.8	421.0	405.6	394.8
150°	464.1	466.9	478.5	490.0	478.5	466.9	464.1	444.6	418.7	405.6	396.2
152.5°	455.5	457.7	466.4	475.1	466.4	457.7	455.5	438.9	416.7	405.6	397.1
155°	445.4	446.8	452.5	458.3	452.5	446.8	445.4	432.1	414.4	405.6	399.1
157.5°	436.5	437.5	441.6	445.6	441.6	437.5	436.5	426.2	412.5	405.6	401.1
160°	432.1	432.6	435.0	437.3	435.0	432.6	432.1	423.2	411.5	405.6	402.0
162.5°	427.9	428.5	430.7	432.9	430.7	428.5	427.9	420.5	410.6	405.6	403.1
165°	421.6	422.1	424.5	426.8	424.5	422.1	421.6	416.3	409.2	405.6	404.4
167.5°	418.8	419.1	420.0	421.0	420.0	419.1	418.8	415.3	410.7	408.4	407.4
170°	418.8	418.8	418.8	418.8	418.8	418.8	418.8	415.3	410.7	408.4	408.3
172.5°	416.6	416.4	415.5	414.7	415.5	416.4	416.6	413.9	410.2	408.4	408.4
175°	413.6	413.6	413.6	413.6	413.6	413.6	413.6	411.9	409.6	408.4	408.9
177.5°	413.1	412.8	411.9	410.9	411.9	412.8	413.1	411.7	409.8	408.9	409.4
180°	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P933956

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2910.1	2910.1	2910.1	2910.1	2910.1
2.5°	2874.3	2888.1	2896.3	2907.3	2934.9
5°	2764.2	2816.5	2833.0	2874.3	2923.9
7.5°	2521.9	2681.6	2725.6	2824.8	2901.8
10°	2287.8	2447.6	2524.7	2758.7	2874.3
12.5°	2169.4	2263.0	2315.3	2643.1	2835.8
15°	2095.1	2161.2	2199.7	2488.9	2791.7
17.5°	2037.3	2084.1	2111.6	2337.4	2731.2
20°	2001.5	2023.5	2048.3	2227.2	2662.3
22.5°	1976.7	1962.9	1982.2	2150.2	2568.7
25°	1960.2	1907.9	1929.9	2089.6	2458.6
27.5°	1974.0	1858.3	1866.6	2034.5	2342.9
30°	1976.7	1797.8	1800.5	1976.7	2213.5
32.5°	1957.4	1734.4	1737.2	1905.1	2067.6
35°	1910.6	1660.1	1657.4	1822.5	1869.3
37.5°	1847.3	1580.3	1580.3	1731.7	1651.9
40°	1770.2	1500.4	1508.7	1613.3	1459.1
42.5°	1676.6	1415.1	1426.1	1456.4	1316.0
45°	1574.8	1332.5	1340.8	1230.6	1205.9
47.5°	1461.9	1247.1	1249.9	1021.4	1170.1
50°	1327.0	1159.0	1148.0	875.5	1167.3
52.5°	1208.6	1062.7	1029.7	792.9	1059.9
55°	1093.0	960.8	889.2	729.6	982.9
57.5°	991.1	828.7	759.9	655.2	966.3
60°	897.5	699.3	647.0	575.4	886.5
62.5°	820.4	602.9	591.9	520.3	803.9
65°	737.8	536.9	534.1	473.5	682.8
67.5°	658.0	492.8	490.0	429.5	520.3
70°	572.6	446.0	440.5	382.7	385.4
72.5°	484.5	393.7	388.2	344.1	319.4
75°	396.4	333.1	330.4	300.1	258.8
77.5°	311.1	264.3	269.8	242.3	190.0
80°	223.0	192.7	198.2	173.4	143.2
82.5°	148.7	126.6	132.1	110.1	96.4
85°	82.6	71.6	74.3	57.8	44.0
87.5°	38.5	33.0	33.0	22.0	13.8
90°	12.1	7.7	7.2	5.0	2.8
92.5°	74.8	53.2	48.5	29.7	11.0
95°	184.1	103.7	95.1	60.8	26.4
97.5°	248.0	113.9	106.4	76.1	45.8
100°	271.3	122.4	115.5	88.1	60.7
102.5°	281.9	131.0	124.5	98.9	73.3
105°	289.8	143.6	138.2	116.5	94.9
107.5°	291.3	162.4	157.4	137.1	116.9
110°	289.1	172.9	168.3	150.0	131.8



TEST NUMBER: P933956

CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	289.2	185.6	181.2	163.8	146.5
115°	291.8	204.6	200.6	184.5	168.5
117.5°	297.2	223.1	219.4	204.8	190.2
120°	301.6	233.8	230.4	216.7	202.9
122.5°	308.0	246.5	243.0	229.2	215.4
125°	316.6	262.8	259.7	247.0	234.4
127.5°	325.1	278.5	275.3	262.6	249.8
130°	331.4	289.0	285.6	271.8	258.1
132.5°	336.4	297.5	294.1	280.4	266.7
135°	341.9	307.4	304.3	291.8	279.3
137.5°	350.2	320.1	317.0	304.7	292.3
140°	355.2	328.7	325.9	314.4	303.0
142.5°	359.5	335.1	332.4	321.8	311.3
145°	365.0	344.7	342.4	333.2	324.0
147.5°	373.0	356.8	354.6	345.6	336.7
150°	377.3	363.1	361.1	353.0	345.0
152.5°	380.0	367.3	365.7	359.6	353.5
155°	386.1	376.3	375.2	370.7	366.2
157.5°	392.2	385.5	384.4	379.9	375.5
160°	395.0	389.7	388.8	385.3	381.9
162.5°	397.9	394.1	393.4	390.8	388.3
165°	402.1	400.4	399.8	397.5	395.2
167.5°	405.4	404.0	403.7	402.6	401.5
170°	408.2	408.1	407.8	406.7	405.6
172.5°	408.4	408.4	408.3	408.1	407.8
175°	410.0	410.9	410.9	410.9	410.9
177.5°	410.2	410.9	410.9	410.9	410.9
180°	410.9	410.9	410.9	410.9	410.9



TEST NUMBER: P933956
 CATALOG NUMBER: SQ4-FA-025U-075D-93050-1D-UNV-STD-W-12-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.41	15.54	15.13	16.28	17.16	17.26	18.39	17.98	19.13	20.01
	3H	14.91	15.92	15.64	16.67	17.59	18.63	19.65	19.37	20.40	21.31
	4H	15.11	16.07	15.86	16.83	17.75	19.10	20.05	19.85	20.81	21.74
	6H	15.24	16.12	16.01	16.89	17.84	19.40	20.28	20.17	21.05	21.99
	8H	15.25	16.09	16.03	16.88	17.82	19.48	20.32	20.26	21.11	22.06
	12H	15.23	16.03	16.01	16.82	17.79	19.54	20.34	20.32	21.12	22.09
4H	2H	15.48	16.44	16.24	17.20	18.12	17.70	18.66	18.46	19.42	20.35
	3H	16.53	17.33	17.30	18.12	19.07	19.24	20.04	20.01	20.83	21.78
	4H	16.82	17.54	17.60	18.34	19.31	19.78	20.51	20.57	21.30	22.28
	6H	16.96	17.59	17.76	18.41	19.39	20.17	20.79	20.97	21.62	22.60
	8H	16.97	17.56	17.78	18.37	19.36	20.28	20.87	21.09	21.69	22.68
	12H	16.95	17.48	17.78	18.32	19.31	20.36	20.88	21.18	21.72	22.72
8H	4H	17.30	17.88	18.10	18.70	19.69	19.93	20.51	20.73	21.33	22.32
	6H	17.57	18.05	18.41	18.91	19.91	20.38	20.87	21.22	21.72	22.72
	8H	17.62	18.05	18.46	18.90	19.91	20.54	20.97	21.39	21.83	22.83
	12H	17.61	17.99	18.46	18.84	19.90	20.65	21.03	21.50	21.88	22.95
12H	4H	17.32	17.84	18.14	18.68	19.68	19.90	20.43	20.73	21.27	22.27
	6H	17.63	18.07	18.48	18.92	19.93	20.38	20.81	21.23	21.67	22.68
	8H	17.71	18.09	18.56	18.94	20.01	20.56	20.94	21.41	21.78	22.85