

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: P934443

Luminaire Tested: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934443
REPORT IS A COMBINATION OF REPORTS P933700 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

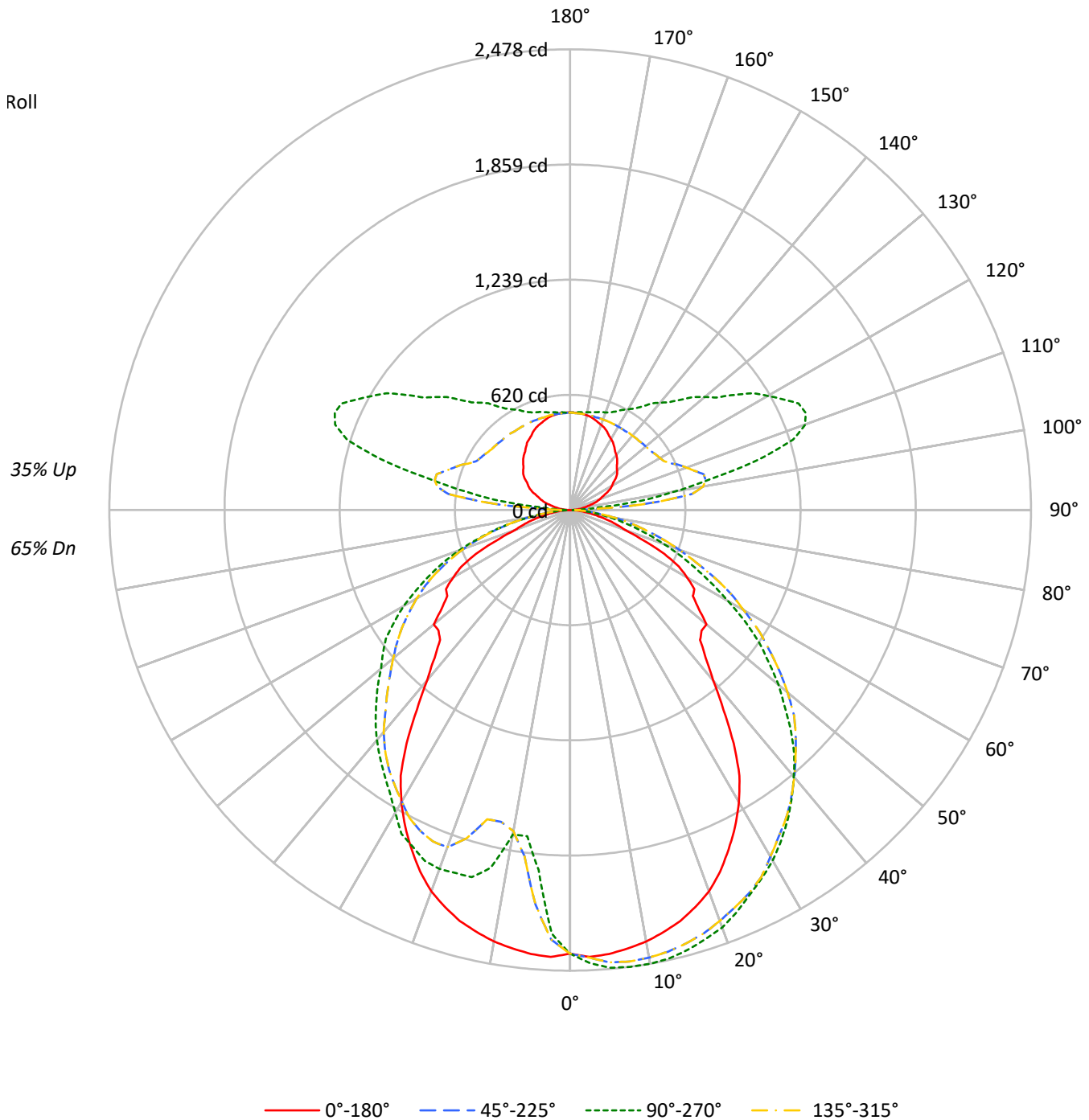
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9588.5 lumens
Efficiency: N/A
Efficacy: 106.1 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): 90.4
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	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	69	69	69	65
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	62	60	59	55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	54	52	50	46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	48	45	42	39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	43	39	36	33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	39	35	32	29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	35	31	28	25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	32	28	25	22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	29	25	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	27	23	20	18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	25	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11069	11069	11069	11069
5°	11151	11173	11151	8786
10°	11077	11006	11077	7868
15°	10956	10768	10956	8991
20°	10728	10485	10728	9010
25°	10258	10073	10258	8819
30°	9652	9731	9652	8400
35°	8605	9299	8605	7939
40°	7170	8789	7170	7591
45°	6407	8193	6407	7191
50°	6806	7482	6806	6789
55°	6404	6716	6404	6557
60°	6601	5704	6601	6006
65°	5984	4715	5984	5270
70°	4143	3758	4143	4418
75°	3634	2778	3634	3326
80°	2929	1836	2929	2000
85°	1681	973	1681	826

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9819 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.3	2.2
10°-20°	611.4	6.4
20°-30°	945.2	9.9
30°-40°	1128.3	11.8
40°-50°	1134.9	11.8
50°-60°	987.5	10.3
60°-70°	700.2	7.3
70°-80°	370.4	3.9
80°-90°	94.3	1.0
90°-100°	255.7	2.7
100°-110°	672.3	7.0
110°-120°	697.1	7.3
120°-130°	559.2	5.8
130°-140°	438.7	4.6
140°-150°	336.8	3.5
150°-160°	242.5	2.5
160°-170°	148.4	1.5
170°-180°	50.1	0.5
0°-30°	1771.9	18.5
0°-40°	2900.3	30.2
0°-60°	5022.7	52.4
0°-90°	6187.6	64.5
90°-120°	1625.1	16.9
90°-150°	2959.8	30.9
90°-180°	3401.0	35.5
0°-180°	9588.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2386	2386	2386	2386	2386	
5°	2397	2471	2397	1943	2397	227
15°	2289	2449	2289	2045	2289	644
25°	2016	2284	2016	2000	2016	925
35°	1532	2038	1532	1740	1532	948
45°	989	1679	989	1474	989	792
55°	806	1239	806	1210	806	740
65°	560	747	560	835	560	535
75°	212	354	212	424	212	223
85°	36	90	36	77	36	49
90°	4	13	4	13	4	4
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°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2406.0	2406.0	2419.5	2424.0	2424.0	2417.3	2410.5	2417.3	2437.6	2444.3	2442.1
5°	2396.9	2415.0	2439.8	2444.3	2448.9	2446.6	2442.1	2446.6	2469.2	2473.7	2475.9
7.5°	2378.9	2412.7	2444.3	2451.1	2457.9	2451.1	2448.9	2453.4	2475.9	2480.5	2480.5
10°	2356.3	2403.7	2439.8	2444.3	2451.1	2444.3	2444.3	2453.4	2475.9	2480.5	2482.7
12.5°	2324.7	2390.2	2424.0	2428.5	2437.6	2435.3	2433.1	2442.1	2464.7	2469.2	2469.2
15°	2288.6	2365.3	2396.9	2401.5	2417.3	2412.7	2412.7	2421.8	2446.6	2453.4	2451.1
17.5°	2238.9	2333.7	2369.9	2376.6	2387.9	2385.7	2387.9	2396.9	2419.5	2424.0	2426.3
20°	2182.6	2290.9	2333.7	2340.5	2351.8	2351.8	2351.8	2363.1	2385.7	2394.7	2394.7
22.5°	2105.8	2245.8	2290.9	2295.4	2308.9	2308.9	2313.4	2329.2	2349.5	2351.8	2351.8
25°	2015.5	2196.0	2234.4	2248.0	2261.6	2268.3	2275.1	2284.1	2290.9	2288.6	2290.9
27.5°	1920.7	2132.8	2182.6	2191.5	2209.6	2216.4	2225.4	2227.7	2230.0	2236.7	2232.2
30°	1814.6	2044.9	2119.3	2128.4	2157.7	2162.2	2153.2	2157.7	2169.0	2173.5	2178.0
32.5°	1695.0	1913.9	2053.9	2074.2	2101.2	2087.7	2085.4	2092.3	2110.3	2110.3	2114.8
35°	1532.5	1812.4	1992.9	2011.0	2031.3	2015.5	2024.5	2026.8	2038.1	2044.9	2042.6
37.5°	1354.2	1724.3	1929.7	1943.3	1959.1	1938.8	1952.3	1959.1	1968.1	1963.6	1963.6
40°	1196.2	1586.7	1855.3	1864.3	1877.8	1862.0	1875.6	1880.1	1884.6	1880.1	1877.8
42.5°	1078.8	1435.4	1776.2	1787.5	1778.6	1789.8	1794.4	1803.3	1796.6	1787.5	1787.5
45°	988.6	1394.8	1690.5	1704.1	1690.5	1708.6	1715.3	1715.3	1695.0	1690.5	1688.3
47.5°	959.3	1313.6	1604.7	1604.7	1598.0	1620.5	1631.8	1616.0	1595.7	1588.9	1588.9
50°	957.0	1223.3	1487.4	1478.3	1509.9	1537.0	1525.7	1509.9	1494.1	1469.3	1469.3
52.5°	869.0	1112.7	1336.1	1370.0	1419.6	1435.4	1417.4	1401.6	1374.5	1363.3	1354.2
55°	805.8	997.6	1198.5	1266.2	1318.1	1338.4	1304.5	1288.8	1248.1	1241.4	1236.9
57.5°	792.2	830.6	1072.1	1157.9	1221.1	1218.8	1198.5	1169.1	1135.3	1128.5	1126.3
60°	726.8	600.4	936.6	1038.2	1103.7	1096.9	1078.8	1051.8	1020.2	1015.6	1011.1
62.5°	659.0	435.6	783.1	898.3	990.8	988.6	972.8	932.1	909.6	898.3	889.2
65°	559.7	365.7	557.5	747.1	880.3	884.7	850.9	821.6	796.7	783.1	780.9
67.5°	426.6	297.9	376.9	622.9	774.2	769.7	726.8	713.2	681.6	674.8	661.3
70°	315.9	198.6	261.8	505.6	670.3	659.0	625.2	609.4	580.0	564.2	555.2
72.5°	261.8	160.2	191.8	392.7	564.2	550.7	521.4	503.3	478.5	464.9	455.9
75°	212.2	169.3	146.7	291.2	458.2	449.2	422.0	404.0	383.7	365.7	367.9
77.5°	155.7	158.0	117.4	214.4	363.3	349.9	334.0	311.5	302.4	284.4	284.4
80°	117.4	124.1	88.1	146.7	261.8	261.8	248.3	232.5	216.7	207.6	207.6
82.5°	79.0	79.0	65.4	92.5	178.3	171.5	162.5	158.0	149.0	144.4	144.4
85°	36.1	45.1	40.7	56.5	97.0	101.6	101.6	97.0	94.8	90.3	92.5
87.5°	11.3	20.3	24.9	31.6	49.6	51.9	54.2	54.2	54.2	56.5	56.5
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°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2446.6	2439.8	2446.6	2442.1	2444.3	2437.6	2417.3	2410.5	2417.3	2424.0	2424.0
5°	2475.9	2471.4	2475.9	2475.9	2473.7	2469.2	2446.6	2442.1	2446.6	2448.9	2444.3
7.5°	2485.0	2478.2	2485.0	2480.5	2480.5	2475.9	2453.4	2448.9	2451.1	2457.9	2451.1
10°	2485.0	2478.2	2485.0	2482.7	2480.5	2475.9	2453.4	2444.3	2444.3	2451.1	2444.3
12.5°	2473.7	2469.2	2473.7	2469.2	2469.2	2464.7	2442.1	2433.1	2435.3	2437.6	2428.5
15°	2455.6	2448.9	2455.6	2451.1	2453.4	2446.6	2421.8	2412.7	2412.7	2417.3	2401.5
17.5°	2428.5	2419.5	2428.5	2426.3	2424.0	2419.5	2396.9	2387.9	2385.7	2387.9	2376.6
20°	2396.9	2390.2	2396.9	2394.7	2394.7	2385.7	2363.1	2351.8	2351.8	2351.8	2340.5
22.5°	2347.3	2340.5	2347.3	2351.8	2351.8	2349.5	2329.2	2313.4	2308.9	2308.9	2295.4
25°	2290.9	2284.1	2290.9	2290.9	2288.6	2290.9	2284.1	2275.1	2268.3	2261.6	2248.0
27.5°	2236.7	2232.2	2236.7	2232.2	2236.7	2230.0	2227.7	2225.4	2216.4	2209.6	2191.5
30°	2182.6	2178.0	2182.6	2178.0	2173.5	2169.0	2157.7	2153.2	2162.2	2157.7	2128.4
32.5°	2114.8	2110.3	2114.8	2114.8	2110.3	2110.3	2092.3	2085.4	2087.7	2101.2	2074.2
35°	2044.9	2038.1	2044.9	2042.6	2044.9	2038.1	2026.8	2024.5	2015.5	2031.3	2011.0
37.5°	1963.6	1956.8	1963.6	1963.6	1963.6	1968.1	1959.1	1952.3	1938.8	1959.1	1943.3
40°	1880.1	1871.1	1880.1	1877.8	1880.1	1884.6	1880.1	1875.6	1862.0	1877.8	1864.3
42.5°	1785.3	1783.1	1785.3	1787.5	1787.5	1796.6	1803.3	1794.4	1789.8	1778.6	1787.5
45°	1683.7	1679.2	1683.7	1688.3	1690.5	1695.0	1715.3	1715.3	1708.6	1690.5	1704.1
47.5°	1575.4	1564.1	1575.4	1588.9	1588.9	1595.7	1616.0	1631.8	1620.5	1598.0	1604.7
50°	1460.3	1462.5	1460.3	1469.3	1469.3	1494.1	1509.9	1525.7	1537.0	1509.9	1478.3
52.5°	1347.5	1345.2	1347.5	1354.2	1363.3	1374.5	1401.6	1417.4	1435.4	1419.6	1370.0
55°	1234.6	1239.1	1234.6	1236.9	1241.4	1248.1	1288.8	1304.5	1338.4	1318.1	1266.2
57.5°	1121.7	1115.0	1121.7	1126.3	1128.5	1135.3	1169.1	1198.5	1218.8	1221.1	1157.9
60°	990.8	981.8	990.8	1011.1	1015.6	1020.2	1051.8	1078.8	1096.9	1103.7	1038.2
62.5°	875.7	859.9	875.7	889.2	898.3	909.6	932.1	972.8	988.6	990.8	898.3
65°	753.9	747.1	753.9	780.9	783.1	796.7	821.6	850.9	884.7	880.3	747.1
67.5°	643.2	643.2	643.2	661.3	674.8	681.6	713.2	726.8	769.7	774.2	622.9
70°	541.7	539.5	541.7	555.2	564.2	580.0	609.4	625.2	659.0	670.3	505.6
72.5°	444.7	442.4	444.7	455.9	464.9	478.5	503.3	521.4	550.7	564.2	392.7
75°	358.9	354.4	358.9	367.9	365.7	383.7	404.0	422.0	449.2	458.2	291.2
77.5°	275.4	275.4	275.4	284.4	284.4	302.4	311.5	334.0	349.9	363.3	214.4
80°	205.4	203.1	205.4	207.6	207.6	216.7	232.5	248.3	261.8	261.8	146.7
82.5°	144.4	139.9	144.4	144.4	144.4	149.0	158.0	162.5	171.5	178.3	92.5
85°	90.3	90.3	90.3	92.5	90.3	94.8	97.0	101.6	101.6	97.0	56.5
87.5°	58.7	56.5	58.7	56.5	56.5	54.2	54.2	54.2	51.9	49.6	31.6
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: P934443

CATALOG NUMBER: SQ4-FA-050U-100D-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: P934443

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2419.5	2406.0	2406.0	2383.4	2374.4	2367.6	2356.3	2322.5	2313.4	2304.4	2317.9
5°	2439.8	2415.0	2396.9	2356.3	2322.5	2308.9	2266.0	2184.8	2130.6	2090.0	2067.4
7.5°	2444.3	2412.7	2378.9	2315.7	2234.4	2198.4	2067.4	1918.5	1877.8	1841.8	1819.1
10°	2439.8	2403.7	2356.3	2261.6	2069.6	2006.5	1875.6	1778.6	1753.7	1746.9	1753.7
12.5°	2424.0	2390.2	2324.7	2166.8	1898.1	1855.3	1778.6	1722.1	1717.6	1728.8	1789.8
15°	2396.9	2365.3	2288.6	2040.3	1803.3	1771.7	1717.6	1697.2	1722.1	1801.1	1983.9
17.5°	2369.9	2333.7	2238.9	1916.2	1731.1	1708.6	1670.2	1710.8	1850.7	1956.8	2017.8
20°	2333.7	2290.9	2182.6	1826.0	1679.2	1658.9	1640.9	1823.6	1929.7	1968.1	2002.0
22.5°	2290.9	2245.8	2105.8	1762.7	1625.1	1609.3	1620.5	1886.9	1929.7	1956.8	1986.2
25°	2234.4	2196.0	2015.5	1713.0	1582.2	1564.1	1607.0	1880.1	1904.9	1911.7	1970.4
27.5°	2182.6	2132.8	1920.7	1667.9	1530.3	1523.5	1618.3	1850.7	1868.8	1875.6	1938.8
30°	2119.3	2044.9	1814.6	1620.5	1476.1	1473.8	1620.5	1814.6	1810.2	1828.2	1891.4
32.5°	2053.9	1913.9	1695.0	1561.9	1424.2	1422.0	1604.7	1760.4	1755.9	1780.8	1828.2
35°	1992.9	1812.4	1532.5	1494.1	1358.7	1361.0	1566.4	1697.2	1699.5	1722.1	1751.5
37.5°	1929.7	1724.3	1354.2	1419.6	1295.5	1295.5	1514.5	1638.6	1634.1	1640.9	1681.4
40°	1855.3	1586.7	1196.2	1322.6	1236.9	1230.0	1451.2	1575.4	1559.6	1557.3	1613.8
42.5°	1776.2	1435.4	1078.8	1194.0	1169.1	1160.1	1374.5	1498.7	1469.3	1476.1	1548.3
45°	1690.5	1394.8	988.6	1008.9	1099.2	1092.4	1291.0	1410.6	1390.3	1408.4	1482.9
47.5°	1604.7	1313.6	959.3	837.4	1024.7	1022.4	1198.5	1324.8	1313.6	1331.7	1410.6
50°	1487.4	1223.3	957.0	717.7	941.2	950.2	1087.9	1241.4	1241.4	1257.2	1340.6
52.5°	1336.1	1112.7	869.0	650.0	844.1	871.2	990.8	1169.1	1173.7	1189.5	1263.9
55°	1198.5	997.6	805.8	598.1	729.0	787.7	896.1	1094.7	1103.7	1119.5	1187.2
57.5°	1072.1	830.6	792.2	537.2	622.9	679.4	812.5	1022.4	1026.9	1040.5	1105.9
60°	936.6	600.4	726.8	471.7	530.4	573.3	735.7	936.6	952.4	961.5	1017.9
62.5°	783.1	435.6	659.0	426.6	485.2	494.3	672.6	855.4	875.7	882.5	916.3
65°	557.5	365.7	559.7	388.2	437.8	440.1	604.9	771.9	790.0	801.3	826.0
67.5°	376.9	297.9	426.6	352.1	401.8	404.0	539.5	674.8	699.7	708.7	724.5
70°	261.8	198.6	315.9	313.7	361.1	365.7	469.4	586.8	609.4	616.2	625.2
72.5°	191.8	160.2	261.8	282.1	318.2	322.8	397.3	487.5	510.1	516.8	521.4
75°	146.7	169.3	212.2	246.0	270.8	273.1	325.0	397.3	413.1	417.6	419.8
77.5°	117.4	158.0	155.7	198.6	221.2	216.7	255.0	307.0	320.5	320.5	320.5
80°	88.1	124.1	117.4	142.2	162.5	158.0	182.8	218.9	223.4	228.0	225.7
82.5°	65.4	79.0	79.0	90.3	108.3	103.9	121.9	142.2	142.2	142.2	146.7
85°	40.7	45.1	36.1	47.4	60.9	58.7	67.7	76.7	79.0	79.0	74.5
87.5°	24.9	20.3	11.3	18.0	27.1	27.1	31.6	33.8	31.6	31.6	31.6
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: P934443

CATALOG NUMBER: SQ4-FA-050U-100D-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: P934443

CATALOG NUMBER: SQ4-FA-050U-100D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2302.1	2295.4	2304.4	2279.6	2304.4	2295.4	2302.1	2317.9	2304.4	2313.4	2322.5
5°	2020.0	2008.7	1972.6	1943.3	1972.6	2008.7	2020.0	2067.4	2090.0	2130.6	2184.8
7.5°	1805.6	1796.6	1787.5	1769.5	1787.5	1796.6	1805.6	1819.1	1841.8	1877.8	1918.5
10°	1758.2	1760.4	1774.0	1771.7	1774.0	1760.4	1758.2	1753.7	1746.9	1753.7	1778.6
12.5°	1880.1	1900.4	1974.9	1970.4	1974.9	1900.4	1880.1	1789.8	1728.8	1717.6	1722.1
15°	2020.0	2026.8	2042.6	2044.9	2042.6	2026.8	2020.0	1983.9	1801.1	1722.1	1697.2
17.5°	2033.6	2035.8	2047.1	2047.1	2047.1	2035.8	2033.6	2017.8	1956.8	1850.7	1710.8
20°	2022.3	2026.8	2049.4	2053.9	2049.4	2026.8	2022.3	2002.0	1968.1	1929.7	1823.6
22.5°	2017.8	2026.8	2044.9	2042.6	2044.9	2026.8	2017.8	1986.2	1956.8	1929.7	1886.9
25°	1995.2	1995.2	1997.5	1999.7	1997.5	1995.2	1995.2	1970.4	1911.7	1904.9	1880.1
27.5°	1947.8	1952.3	1965.9	1963.6	1965.9	1952.3	1947.8	1938.8	1875.6	1868.8	1850.7
30°	1904.9	1900.4	1889.1	1880.1	1889.1	1900.4	1904.9	1891.4	1828.2	1810.2	1814.6
32.5°	1832.7	1821.4	1810.2	1803.3	1810.2	1821.4	1832.7	1828.2	1780.8	1755.9	1760.4
35°	1746.9	1749.2	1746.9	1740.1	1746.9	1749.2	1746.9	1751.5	1722.1	1699.5	1697.2
37.5°	1686.0	1690.5	1688.3	1679.2	1688.3	1690.5	1686.0	1681.4	1640.9	1634.1	1638.6
40°	1622.8	1625.1	1622.8	1616.0	1622.8	1625.1	1622.8	1613.8	1557.3	1559.6	1575.4
42.5°	1561.9	1559.6	1552.8	1548.3	1552.8	1559.6	1561.9	1548.3	1476.1	1469.3	1498.7
45°	1491.9	1494.1	1480.6	1473.8	1480.6	1494.1	1491.9	1482.9	1408.4	1390.3	1410.6
47.5°	1422.0	1422.0	1410.6	1403.8	1410.6	1422.0	1422.0	1410.6	1331.7	1313.6	1324.8
50°	1347.5	1345.2	1329.4	1327.1	1329.4	1345.2	1347.5	1340.6	1257.2	1241.4	1241.4
52.5°	1261.6	1261.6	1263.9	1268.5	1263.9	1261.6	1261.6	1263.9	1189.5	1173.7	1169.1
55°	1187.2	1189.5	1205.3	1209.8	1205.3	1189.5	1187.2	1187.2	1119.5	1103.7	1094.7
57.5°	1110.5	1110.5	1121.7	1121.7	1121.7	1110.5	1110.5	1105.9	1040.5	1026.9	1022.4
60°	1022.4	1026.9	1036.0	1033.8	1036.0	1026.9	1022.4	1017.9	961.5	952.4	936.6
62.5°	929.9	934.4	936.6	932.1	936.6	934.4	929.9	916.3	882.5	875.7	855.4
65°	832.9	837.4	839.6	835.1	839.6	837.4	832.9	826.0	801.3	790.0	771.9
67.5°	733.5	731.3	729.0	738.1	729.0	731.3	733.5	724.5	708.7	699.7	674.8
70°	632.0	632.0	629.7	634.2	629.7	632.0	632.0	625.2	616.2	609.4	586.8
72.5°	523.7	521.4	530.4	523.7	530.4	521.4	523.7	521.4	516.8	510.1	487.5
75°	417.6	422.0	417.6	424.3	417.6	422.0	417.6	419.8	417.6	413.1	397.3
77.5°	318.2	322.8	318.2	318.2	318.2	322.8	318.2	320.5	320.5	320.5	307.0
80°	225.7	223.4	223.4	221.2	223.4	223.4	225.7	225.7	228.0	223.4	218.9
82.5°	144.4	142.2	142.2	146.7	142.2	142.2	144.4	146.7	142.2	142.2	142.2
85°	79.0	81.2	76.7	76.7	76.7	81.2	79.0	74.5	79.0	79.0	76.7
87.5°	29.4	27.1	27.1	27.1	27.1	27.1	29.4	31.6	31.6	31.6	33.8
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



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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



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2385.7	2385.7	2385.7	2385.7	2385.7
2.5°	2356.3	2367.6	2374.4	2383.4	2406.0
5°	2266.0	2308.9	2322.5	2356.3	2396.9
7.5°	2067.4	2198.4	2234.4	2315.7	2378.9
10°	1875.6	2006.5	2069.6	2261.6	2356.3
12.5°	1778.6	1855.3	1898.1	2166.8	2324.7
15°	1717.6	1771.7	1803.3	2040.3	2288.6
17.5°	1670.2	1708.6	1731.1	1916.2	2238.9
20°	1640.9	1658.9	1679.2	1826.0	2182.6
22.5°	1620.5	1609.3	1625.1	1762.7	2105.8
25°	1607.0	1564.1	1582.2	1713.0	2015.5
27.5°	1618.3	1523.5	1530.3	1667.9	1920.7
30°	1620.5	1473.8	1476.1	1620.5	1814.6
32.5°	1604.7	1422.0	1424.2	1561.9	1695.0
35°	1566.4	1361.0	1358.7	1494.1	1532.5
37.5°	1514.5	1295.5	1295.5	1419.6	1354.2
40°	1451.2	1230.0	1236.9	1322.6	1196.2
42.5°	1374.5	1160.1	1169.1	1194.0	1078.8
45°	1291.0	1092.4	1099.2	1008.9	988.6
47.5°	1198.5	1022.4	1024.7	837.4	959.3
50°	1087.9	950.2	941.2	717.7	957.0
52.5°	990.8	871.2	844.1	650.0	869.0
55°	896.1	787.7	729.0	598.1	805.8
57.5°	812.5	679.4	622.9	537.2	792.2
60°	735.7	573.3	530.4	471.7	726.8
62.5°	672.6	494.3	485.2	426.6	659.0
65°	604.9	440.1	437.8	388.2	559.7
67.5°	539.5	404.0	401.8	352.1	426.6
70°	469.4	365.7	361.1	313.7	315.9
72.5°	397.3	322.8	318.2	282.1	261.8
75°	325.0	273.1	270.8	246.0	212.2
77.5°	255.0	216.7	221.2	198.6	155.7
80°	182.8	158.0	162.5	142.2	117.4
82.5°	121.9	103.9	108.3	90.3	79.0
85°	67.7	58.7	60.9	47.4	36.1
87.5°	31.6	27.1	27.1	18.0	11.3
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: P934443

CATALOG NUMBER: SQ4-FA-050U-100D-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



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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	14.40	15.41	15.22	16.26	17.30	17.24	18.25	18.06	19.09	20.14
	3H	14.89	15.80	15.73	16.65	17.73	18.60	19.50	19.43	20.36	21.43
	4H	15.09	15.94	15.94	16.80	17.89	19.05	19.91	19.90	20.77	21.85
	6H	15.22	16.00	16.08	16.87	17.97	19.35	20.14	20.21	21.00	22.10
	8H	15.22	15.97	16.09	16.86	17.96	19.43	20.18	20.30	21.06	22.16
	12H	15.20	15.91	16.07	16.79	17.92	19.47	20.19	20.35	21.07	22.19
4H	2H	15.46	16.31	16.31	17.17	18.26	17.67	18.52	18.52	19.38	20.47
	3H	16.50	17.21	17.36	18.10	19.20	19.19	19.90	20.06	20.80	21.90
	4H	16.78	17.43	17.66	18.32	19.45	19.73	20.37	20.61	21.26	22.39
	6H	16.91	17.47	17.81	18.39	19.52	20.10	20.66	21.00	21.58	22.71
	8H	16.92	17.44	17.82	18.35	19.50	20.21	20.74	21.11	21.64	22.79
	12H	16.90	17.37	17.81	18.29	19.44	20.28	20.75	21.19	21.68	22.83
8H	4H	17.25	17.77	18.14	18.68	19.82	19.86	20.38	20.76	21.29	22.44
	6H	17.51	17.95	18.44	18.90	20.04	20.31	20.74	21.23	21.69	22.83
	8H	17.56	17.94	18.49	18.88	20.04	20.46	20.84	21.40	21.79	22.95
	12H	17.55	17.89	18.49	18.82	20.03	20.57	20.91	21.51	21.84	23.05
12H	4H	17.26	17.73	18.18	18.66	19.81	19.83	20.30	20.75	21.23	22.38
	6H	17.58	17.96	18.51	18.90	20.06	20.30	20.69	21.24	21.63	22.79
	8H	17.65	17.99	18.59	18.92	20.13	20.47	20.81	21.41	21.75	22.96