

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: P935391

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935391
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

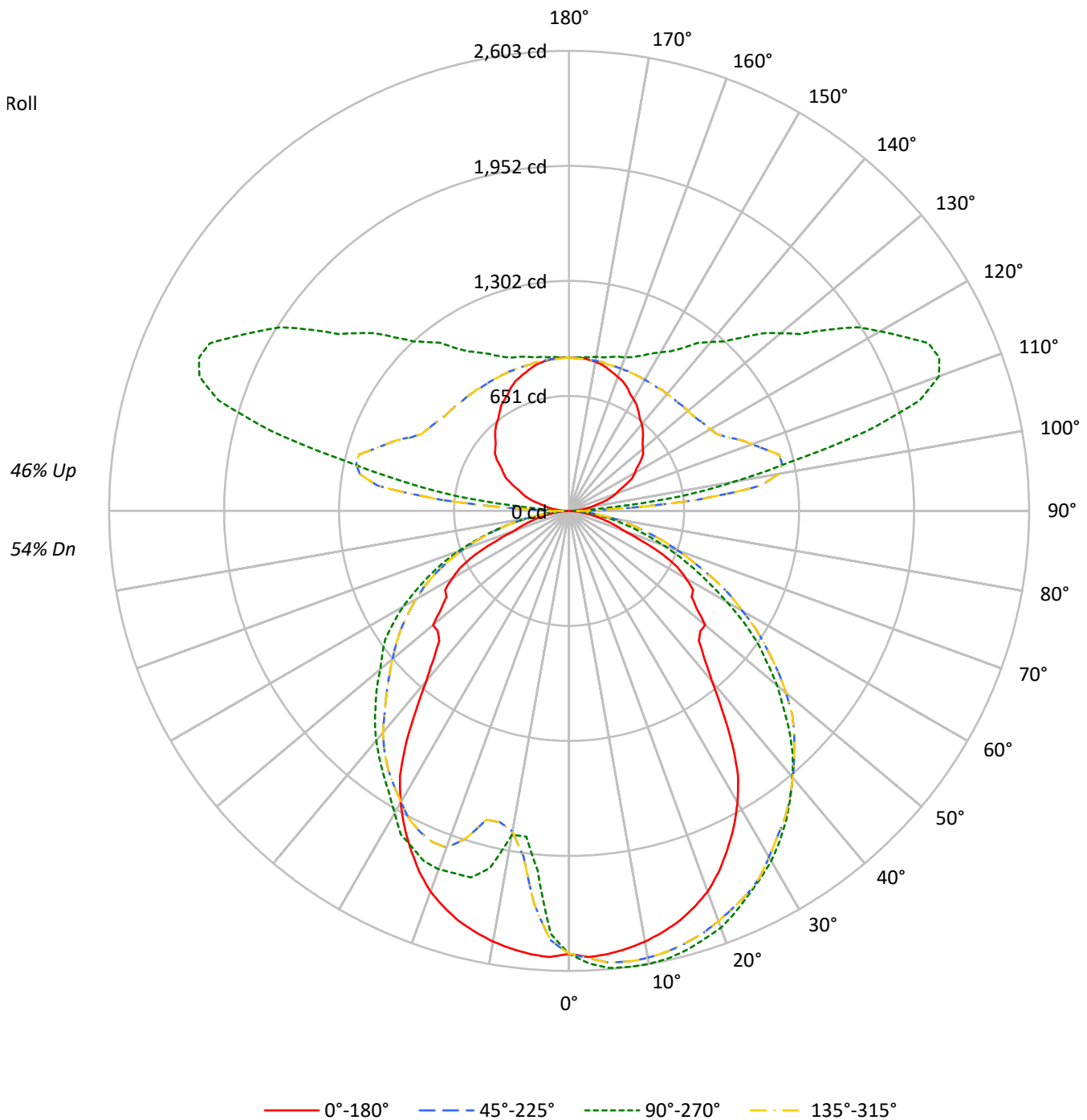
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12128.9 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.2
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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54			
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45			
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38			
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32			
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28			
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24			
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21			
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19			
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17			
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15			
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15501	15501	15501	15501
5°	15611	15647	15611	12304
10°	15501	15414	15501	11019
15°	15326	15079	15326	12591
20°	15000	14684	15000	12618
25°	14338	14107	14338	12351
30°	13484	13628	13484	11764
35°	12016	13022	12016	11118
40°	10006	12308	10006	10631
45°	8935	11474	8935	10070
50°	9486	10478	9486	9508
55°	8915	9405	8915	9182
60°	9180	7988	9180	8411
65°	8310	6603	8310	7381
70°	5740	5262	5740	6187
75°	5016	3890	5016	4658
80°	4013	2571	4013	2800
85°	2260	1362	2260	1158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13702 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.2	1.9
10°-20°	642.2	5.3
20°-30°	992.7	8.2
30°-40°	1185.1	9.8
40°-50°	1192.1	9.8
50°-60°	1037.2	8.6
60°-70°	735.4	6.1
70°-80°	389.1	3.2
80°-90°	100.2	0.8
90°-100°	423.2	3.5
100°-110°	1112.7	9.2
110°-120°	1153.8	9.5
120°-130°	925.5	7.6
130°-140°	726.2	6.0
140°-150°	557.4	4.6
150°-160°	401.4	3.3
160°-170°	245.6	2.0
170°-180°	83.0	0.7
0°-30°	1861.1	15.3
0°-40°	3046.2	25.1
0°-60°	5275.5	43.5
0°-90°	6500.2	53.6
90°-120°	2689.7	22.2
90°-150°	4898.7	40.4
90°-180°	5629.0	46.4
0°-180°	12128.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2506	2506	2506	2506	2506	
5°	2518	2596	2518	2041	2518	239
15°	2404	2572	2404	2148	2404	676
25°	2117	2399	2117	2100	2117	972
35°	1610	2141	1610	1828	1610	996
45°	1038	1764	1038	1548	1038	832
55°	846	1301	846	1271	846	778
65°	588	785	588	877	588	562
75°	223	372	223	446	223	234
85°	38	95	38	81	38	51
90°	6	22	6	22	6	6
95°	56	256	56	256	56	62
105°	200	1742	200	1742	200	212
115°	356	2244	356	2244	356	352
125°	495	1787	495	1787	495	440
135°	590	1386	590	1386	590	457
145°	685	1125	685	1125	685	429
155°	774	968	774	968	774	356
165°	835	902	835	902	835	236
175°	868	874	868	874	868	82
180°	868	868	868	868	868	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2527.0	2527.0	2541.3	2546.0	2546.0	2538.9	2531.8	2538.9	2560.3	2567.4	2565.0
5°	2517.6	2536.6	2562.6	2567.4	2572.1	2569.7	2565.0	2569.7	2593.4	2598.2	2600.5
7.5°	2498.6	2534.1	2567.4	2574.5	2581.6	2574.5	2572.1	2576.8	2600.5	2605.3	2605.3
10°	2474.9	2524.7	2562.6	2567.4	2574.5	2567.4	2567.4	2576.8	2600.5	2605.3	2607.6
12.5°	2441.8	2510.5	2546.0	2550.8	2560.3	2557.9	2555.5	2565.0	2588.7	2593.4	2593.4
15°	2403.8	2484.3	2517.6	2522.4	2538.9	2534.1	2534.1	2543.7	2569.7	2576.8	2574.5
17.5°	2351.6	2451.2	2489.1	2496.2	2508.1	2505.7	2508.1	2517.6	2541.3	2546.0	2548.4
20°	2292.4	2406.2	2451.2	2458.3	2470.1	2470.1	2470.1	2482.0	2505.7	2515.2	2515.2
22.5°	2211.8	2358.7	2406.2	2410.9	2425.1	2425.1	2429.9	2446.4	2467.8	2470.1	2470.1
25°	2116.9	2306.6	2346.9	2361.2	2375.3	2382.4	2389.5	2399.1	2406.2	2403.8	2406.2
27.5°	2017.3	2240.2	2292.4	2301.8	2320.8	2327.9	2337.4	2339.8	2342.2	2349.3	2344.5
30°	1905.9	2147.7	2226.0	2235.4	2266.3	2271.0	2261.6	2266.3	2278.1	2282.9	2287.6
32.5°	1780.3	2010.2	2157.3	2178.6	2207.0	2192.8	2190.4	2197.5	2216.5	2216.5	2221.2
35°	1609.7	1903.6	2093.3	2112.2	2133.5	2116.9	2126.4	2128.8	2140.6	2147.7	2145.4
37.5°	1422.4	1811.1	2026.9	2041.1	2057.7	2036.3	2050.6	2057.7	2067.1	2062.5	2062.5
40°	1256.4	1666.5	1948.6	1958.1	1972.3	1955.7	1970.0	1974.8	1979.4	1974.8	1972.3
42.5°	1133.1	1507.7	1865.7	1877.5	1868.0	1879.9	1884.6	1894.2	1887.0	1877.5	1877.5
45°	1038.3	1465.1	1775.5	1789.8	1775.5	1794.6	1801.7	1801.7	1780.3	1775.5	1773.2
47.5°	1007.5	1379.7	1685.5	1685.5	1678.4	1702.1	1714.0	1697.4	1676.0	1668.9	1668.9
50°	1005.2	1284.9	1562.2	1552.8	1585.9	1614.4	1602.6	1585.9	1569.3	1543.2	1543.2
52.5°	912.7	1168.7	1403.4	1438.9	1491.1	1507.7	1488.7	1472.2	1443.7	1431.8	1422.4
55°	846.3	1047.8	1258.8	1329.9	1384.5	1405.8	1370.2	1353.6	1311.0	1303.9	1299.1
57.5°	832.1	872.4	1126.0	1216.2	1282.5	1280.1	1258.8	1227.9	1192.4	1185.3	1182.9
60°	763.4	630.5	983.8	1090.4	1159.2	1152.1	1133.1	1104.7	1071.5	1066.8	1062.1
62.5°	692.2	457.6	822.6	943.5	1040.7	1038.3	1021.7	979.0	955.4	943.5	934.0
65°	588.0	384.1	585.5	784.7	924.6	929.2	893.7	862.9	836.9	822.6	820.2
67.5°	448.0	312.9	395.9	654.3	813.1	808.4	763.4	749.1	715.9	708.8	694.6
70°	331.9	208.7	275.0	531.0	704.0	692.2	656.7	640.1	609.2	592.6	583.2
72.5°	275.0	168.3	201.5	412.5	592.6	578.4	547.6	528.6	502.6	488.4	478.9
75°	222.9	177.8	154.1	305.8	481.2	471.8	443.3	424.3	403.0	384.1	386.4
77.5°	163.5	166.0	123.3	225.2	381.6	367.4	350.8	327.2	317.7	298.7	298.7
80°	123.3	130.4	92.5	154.1	275.0	275.0	260.8	244.1	227.6	218.1	218.1
82.5°	82.9	82.9	68.7	97.2	187.3	180.2	170.6	166.0	156.4	151.7	151.7
85°	37.9	47.4	42.7	59.3	101.9	106.7	106.7	101.9	99.6	94.8	97.2
87.5°	11.9	21.3	26.1	33.2	52.1	54.5	56.9	56.9	56.9	59.3	59.3
90°	5.8	10.5	15.1	16.3	25.7	38.1	44.3	39.3	29.5	22.1	22.1
92.5°	23.4	63.0	102.6	112.5	158.1	218.9	249.4	218.6	156.9	110.7	106.3
95°	55.9	128.4	201.0	219.1	389.1	615.7	729.0	650.5	493.5	375.8	362.5
97.5°	96.8	160.7	224.7	240.7	524.1	902.0	1090.9	1041.3	942.1	867.7	842.3
100°	128.2	186.2	244.2	258.7	573.2	992.5	1202.2	1205.8	1213.1	1218.5	1188.2
102.5°	155.0	209.2	263.3	276.8	595.8	1021.0	1233.6	1296.9	1423.2	1518.0	1492.2
105°	200.4	246.3	292.2	303.6	612.5	1024.3	1230.2	1371.9	1655.1	1867.6	1853.7
107.5°	247.0	289.8	332.6	343.2	615.6	978.6	1160.2	1357.8	1753.0	2049.5	2052.8
110°	278.5	317.1	355.8	365.4	610.9	938.3	1101.9	1322.8	1764.7	2096.1	2110.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	309.4	346.2	383.0	392.2	611.1	903.0	1048.9	1275.0	1727.2	2066.4	2088.6
115°	356.0	389.9	423.8	432.3	616.7	862.5	985.4	1203.2	1638.9	1965.6	1996.5
117.5°	402.1	432.9	463.7	471.4	628.1	837.1	941.7	1138.3	1531.4	1826.3	1860.5
120°	428.9	457.9	486.9	494.2	637.5	828.6	924.2	1103.8	1463.0	1732.5	1765.7
122.5°	455.1	484.4	513.7	521.0	650.9	824.2	910.8	1072.6	1396.0	1638.6	1671.5
125°	495.3	522.0	548.7	555.4	669.0	820.5	896.3	1033.7	1308.4	1514.6	1544.8
127.5°	528.0	554.9	581.9	588.6	687.1	818.4	884.0	1002.0	1237.9	1414.9	1440.4
130°	545.5	574.5	603.5	610.7	700.3	819.7	879.4	984.3	1194.4	1352.0	1375.5
132.5°	563.5	592.5	621.5	628.8	711.0	820.5	875.3	969.3	1157.3	1298.4	1319.5
135°	590.3	616.7	643.2	649.8	722.6	819.7	868.2	947.0	1104.5	1222.6	1240.8
137.5°	617.7	643.8	670.1	676.6	740.1	824.8	867.1	933.7	1066.8	1166.7	1181.5
140°	640.4	664.5	688.6	694.6	750.7	825.6	863.0	920.6	1035.5	1121.7	1135.7
142.5°	657.9	680.2	702.5	708.1	759.7	828.6	863.0	913.5	1014.5	1090.3	1102.2
145°	684.7	704.1	723.6	728.4	771.4	828.6	857.2	898.5	981.2	1043.1	1052.2
147.5°	711.5	730.4	749.3	754.0	788.4	834.2	857.2	889.7	954.7	1003.5	1011.0
150°	729.0	746.1	763.2	767.5	797.4	837.2	857.2	884.7	939.5	980.7	986.8
152.5°	747.1	760.1	773.0	776.2	803.2	839.2	857.2	880.7	927.6	962.7	967.3
155°	773.9	783.4	793.0	795.4	816.0	843.5	857.2	875.9	913.2	941.1	944.2
157.5°	793.7	803.1	812.3	814.6	828.8	847.8	857.2	871.7	900.7	922.5	924.7
160°	807.1	814.4	821.6	823.4	834.7	849.8	857.2	869.6	894.5	913.2	914.4
162.5°	820.5	825.9	831.4	832.8	840.9	851.8	857.2	867.7	888.7	904.4	905.5
165°	835.1	839.9	844.9	846.1	849.8	854.8	857.2	864.7	879.7	891.0	892.3
167.5°	848.4	850.8	853.1	853.7	856.8	861.0	863.0	868.0	877.8	885.2	885.7
170°	857.2	859.6	861.9	862.5	862.6	862.9	863.0	868.0	877.8	885.2	885.2
172.5°	861.9	862.4	862.9	863.0	863.0	863.0	863.0	866.9	874.7	880.5	880.0
175°	868.2	868.2	868.2	868.2	866.5	864.1	863.0	865.4	870.4	874.1	874.1
177.5°	868.2	868.2	868.2	868.2	866.9	865.2	864.2	866.2	870.0	872.9	872.4
180°	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2569.7	2562.6	2569.7	2565.0	2567.4	2560.3	2538.9	2531.8	2538.9	2546.0	2546.0
5°	2600.5	2595.8	2600.5	2600.5	2598.2	2593.4	2569.7	2565.0	2569.7	2572.1	2567.4
7.5°	2610.1	2603.0	2610.1	2605.3	2605.3	2600.5	2576.8	2572.1	2574.5	2581.6	2574.5
10°	2610.1	2603.0	2610.1	2607.6	2605.3	2600.5	2576.8	2567.4	2567.4	2574.5	2567.4
12.5°	2598.2	2593.4	2598.2	2593.4	2593.4	2588.7	2565.0	2555.5	2557.9	2560.3	2550.8
15°	2579.2	2572.1	2579.2	2574.5	2576.8	2569.7	2543.7	2534.1	2534.1	2538.9	2522.4
17.5°	2550.8	2541.3	2550.8	2548.4	2546.0	2541.3	2517.6	2508.1	2505.7	2508.1	2496.2
20°	2517.6	2510.5	2517.6	2515.2	2515.2	2505.7	2482.0	2470.1	2470.1	2470.1	2458.3
22.5°	2465.4	2458.3	2465.4	2470.1	2470.1	2467.8	2446.4	2429.9	2425.1	2425.1	2410.9
25°	2406.2	2399.1	2406.2	2406.2	2403.8	2406.2	2399.1	2389.5	2382.4	2375.3	2361.2
27.5°	2349.3	2344.5	2349.3	2344.5	2349.3	2342.2	2339.8	2337.4	2327.9	2320.8	2301.8
30°	2292.4	2287.6	2292.4	2287.6	2282.9	2278.1	2266.3	2261.6	2271.0	2266.3	2235.4
32.5°	2221.2	2216.5	2221.2	2221.2	2216.5	2216.5	2197.5	2190.4	2192.8	2207.0	2178.6
35°	2147.7	2140.6	2147.7	2145.4	2147.7	2140.6	2128.8	2126.4	2116.9	2133.5	2112.2
37.5°	2062.5	2055.3	2062.5	2062.5	2062.5	2067.1	2057.7	2050.6	2036.3	2057.7	2041.1
40°	1974.8	1965.2	1974.8	1972.3	1974.8	1979.4	1974.8	1970.0	1955.7	1972.3	1958.1
42.5°	1875.2	1872.8	1875.2	1877.5	1877.5	1887.0	1894.2	1884.6	1879.9	1868.0	1877.5
45°	1768.4	1763.8	1768.4	1773.2	1775.5	1780.3	1801.7	1801.7	1794.6	1775.5	1789.8
47.5°	1654.7	1642.8	1654.7	1668.9	1668.9	1676.0	1697.4	1714.0	1702.1	1678.4	1685.5
50°	1533.8	1536.1	1533.8	1543.2	1543.2	1569.3	1585.9	1602.6	1614.4	1585.9	1552.8
52.5°	1415.3	1412.9	1415.3	1422.4	1431.8	1443.7	1472.2	1488.7	1507.7	1491.1	1438.9
55°	1296.7	1301.4	1296.7	1299.1	1303.9	1311.0	1353.6	1370.2	1405.8	1384.5	1329.9
57.5°	1178.1	1171.0	1178.1	1182.9	1185.3	1192.4	1227.9	1258.8	1280.1	1282.5	1216.2
60°	1040.7	1031.2	1040.7	1062.1	1066.8	1071.5	1104.7	1133.1	1152.1	1159.2	1090.4
62.5°	919.8	903.2	919.8	934.0	943.5	955.4	979.0	1021.7	1038.3	1040.7	943.5
65°	791.8	784.7	791.8	820.2	822.6	836.9	862.9	893.7	929.2	924.6	784.7
67.5°	675.7	675.7	675.7	694.6	708.8	715.9	749.1	763.4	808.4	813.1	654.3
70°	568.9	566.6	568.9	583.2	592.6	609.2	640.1	656.7	692.2	704.0	531.0
72.5°	467.0	464.7	467.0	478.9	488.4	502.6	528.6	547.6	578.4	592.6	412.5
75°	377.0	372.2	377.0	386.4	384.1	403.0	424.3	443.3	471.8	481.2	305.8
77.5°	289.3	289.3	289.3	298.7	298.7	317.7	327.2	350.8	367.4	381.6	225.2
80°	215.8	213.3	215.8	218.1	218.1	227.6	244.1	260.8	275.0	275.0	154.1
82.5°	151.7	147.0	151.7	151.7	151.7	156.4	166.0	170.6	180.2	187.3	97.2
85°	94.8	94.8	94.8	97.2	94.8	99.6	101.9	106.7	106.7	101.9	59.3
87.5°	61.6	59.3	61.6	59.3	59.3	56.9	56.9	56.9	54.5	52.1	33.2
90°	22.1	22.1	22.1	22.1	22.1	29.5	39.3	44.3	38.1	25.7	16.3
92.5°	88.6	71.1	88.6	106.3	110.7	156.9	218.6	249.4	218.9	158.1	112.5
95°	309.2	255.8	309.2	362.5	375.8	493.5	650.5	729.0	615.7	389.1	219.1
97.5°	740.8	639.2	740.8	842.3	867.7	942.1	1041.3	1090.9	902.0	524.1	240.7
100°	1067.3	946.3	1067.3	1188.2	1218.5	1213.1	1205.8	1202.2	992.5	573.2	258.7
102.5°	1388.5	1284.9	1388.5	1492.2	1518.0	1423.2	1296.9	1233.6	1021.0	595.8	276.8
105°	1798.0	1742.4	1798.0	1853.7	1867.6	1655.1	1371.9	1230.2	1024.3	612.5	303.6
107.5°	2066.4	2079.8	2066.4	2052.8	2049.5	1753.0	1357.8	1160.2	978.6	615.6	343.2
110°	2168.7	2226.7	2168.7	2110.6	2096.1	1764.7	1322.8	1101.9	938.3	610.9	365.4



TEST NUMBER: P935391

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2177.7	2266.8	2177.7	2088.6	2066.4	1727.2	1275.0	1048.9	903.0	611.1	392.2
115°	2120.0	2243.6	2120.0	1996.5	1965.6	1638.9	1203.2	985.4	862.5	616.7	432.3
117.5°	1997.5	2134.6	1997.5	1860.5	1826.3	1531.4	1138.3	941.7	837.1	628.1	471.4
120°	1898.9	2032.0	1898.9	1765.7	1732.5	1463.0	1103.8	924.2	828.6	637.5	494.2
122.5°	1802.8	1934.1	1802.8	1671.5	1638.6	1396.0	1072.6	910.8	824.2	650.9	521.0
125°	1665.7	1786.6	1665.7	1544.8	1514.6	1308.4	1033.7	896.3	820.5	669.0	555.4
127.5°	1542.5	1644.5	1542.5	1440.4	1414.9	1237.9	1002.0	884.0	818.4	687.1	588.6
130°	1469.8	1564.1	1469.8	1375.5	1352.0	1194.4	984.3	879.4	819.7	700.3	610.7
132.5°	1403.9	1488.3	1403.9	1319.5	1298.4	1157.3	969.3	875.3	820.5	711.0	628.8
135°	1313.6	1386.3	1313.6	1240.8	1222.6	1104.5	947.0	868.2	819.7	722.6	649.8
137.5°	1241.1	1300.7	1241.1	1181.5	1166.7	1066.8	933.7	867.1	824.8	740.1	676.6
140°	1191.4	1247.1	1191.4	1135.7	1121.7	1035.5	920.6	863.0	825.6	750.7	694.6
142.5°	1150.2	1198.1	1150.2	1102.2	1090.3	1014.5	913.5	863.0	828.6	759.7	708.1
145°	1088.5	1124.7	1088.5	1052.2	1043.1	981.2	898.5	857.2	828.6	771.4	728.4
147.5°	1041.0	1071.1	1041.0	1011.0	1003.5	954.7	889.7	857.2	834.2	788.4	754.0
150°	1011.1	1035.5	1011.1	986.8	980.7	939.5	884.7	857.2	837.2	797.4	767.5
152.5°	985.7	1004.0	985.7	967.3	962.7	927.6	880.7	857.2	839.2	803.2	776.2
155°	956.3	968.5	956.3	944.2	941.1	913.2	875.9	857.2	843.5	816.0	795.4
157.5°	933.2	941.7	933.2	924.7	922.5	900.7	871.7	857.2	847.8	828.8	814.6
160°	919.3	924.2	919.3	914.4	913.2	894.5	869.6	857.2	849.8	834.7	823.4
162.5°	910.2	914.9	910.2	905.5	904.4	888.7	867.7	857.2	851.8	840.9	832.8
165°	897.2	902.1	897.2	892.3	891.0	879.7	864.7	857.2	854.8	849.8	846.1
167.5°	887.8	889.8	887.8	885.7	885.2	877.8	868.0	863.0	861.0	856.8	853.7
170°	885.2	885.2	885.2	885.2	885.2	877.8	868.0	863.0	862.9	862.6	862.5
172.5°	878.2	876.5	878.2	880.0	880.5	874.7	866.9	863.0	863.0	863.0	863.0
175°	874.1	874.1	874.1	874.1	874.1	870.4	865.4	863.0	864.1	866.5	868.2
177.5°	870.3	868.2	870.3	872.4	872.9	870.0	866.2	864.2	865.2	866.9	868.2
180°	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2541.3	2527.0	2527.0	2503.4	2493.9	2486.8	2474.9	2439.3	2429.9	2420.4	2434.6
5°	2562.6	2536.6	2517.6	2474.9	2439.3	2425.1	2380.1	2294.7	2237.9	2195.2	2171.5
7.5°	2567.4	2534.1	2498.6	2432.2	2346.9	2308.9	2171.5	2015.0	1972.3	1934.4	1910.7
10°	2562.6	2524.7	2474.9	2375.3	2173.9	2107.5	1970.0	1868.0	1841.9	1834.8	1841.9
12.5°	2546.0	2510.5	2441.8	2275.8	1993.7	1948.6	1868.0	1808.8	1804.0	1815.9	1879.9
15°	2517.6	2484.3	2403.8	2143.1	1894.2	1860.9	1804.0	1782.7	1808.8	1891.7	2083.8
17.5°	2489.1	2451.2	2351.6	2012.7	1818.2	1794.6	1754.2	1796.9	1943.9	2055.3	2119.3
20°	2451.2	2406.2	2292.4	1917.8	1763.8	1742.4	1723.4	1915.4	2026.9	2067.1	2102.7
22.5°	2406.2	2358.7	2211.8	1851.5	1706.8	1690.3	1702.1	1981.9	2026.9	2055.3	2086.1
25°	2346.9	2306.6	2116.9	1799.3	1661.8	1642.8	1687.8	1974.8	2000.8	2007.9	2069.6
27.5°	2292.4	2240.2	2017.3	1751.9	1607.2	1600.1	1699.7	1943.9	1962.9	1970.0	2036.3
30°	2226.0	2147.7	1905.9	1702.1	1550.3	1548.0	1702.1	1905.9	1901.3	1920.2	1986.5
32.5°	2157.3	2010.2	1780.3	1640.5	1495.9	1493.5	1685.5	1849.0	1844.4	1870.4	1920.2
35°	2093.3	1903.6	1609.7	1569.3	1427.1	1429.5	1645.2	1782.7	1785.1	1808.8	1839.6
37.5°	2026.9	1811.1	1422.4	1491.1	1360.7	1360.7	1590.7	1721.1	1716.3	1723.4	1766.1
40°	1948.6	1666.5	1256.4	1389.1	1299.1	1292.0	1524.3	1654.7	1638.0	1635.7	1695.0
42.5°	1865.7	1507.7	1133.1	1254.1	1227.9	1218.5	1443.7	1574.1	1543.2	1550.3	1626.2
45°	1775.5	1465.1	1038.3	1059.6	1154.5	1147.3	1356.0	1481.6	1460.3	1479.3	1557.4
47.5°	1685.5	1379.7	1007.5	879.5	1076.2	1073.9	1258.8	1391.6	1379.7	1398.7	1481.6
50°	1562.2	1284.9	1005.2	753.8	988.5	998.0	1142.7	1303.9	1303.9	1320.4	1408.1
52.5°	1403.4	1168.7	912.7	682.8	886.6	915.0	1040.7	1227.9	1232.7	1249.3	1327.5
55°	1258.8	1047.8	846.3	628.2	765.7	827.3	941.1	1149.8	1159.2	1175.8	1246.9
57.5°	1126.0	872.4	832.1	564.2	654.3	713.6	853.4	1073.9	1078.6	1092.9	1161.6
60°	983.8	630.5	763.4	495.5	557.1	602.1	772.8	983.8	1000.4	1009.8	1069.1
62.5°	822.6	457.6	692.2	448.0	509.7	519.1	706.5	898.4	919.8	926.9	962.5
65°	585.5	384.1	588.0	407.8	459.9	462.2	635.3	810.7	829.7	841.5	867.7
67.5°	395.9	312.9	448.0	369.8	422.0	424.3	566.6	708.8	734.9	744.4	760.9
70°	275.0	208.7	331.9	329.5	379.3	384.1	493.1	616.3	640.1	647.2	656.7
72.5°	201.5	168.3	275.0	296.4	334.3	339.0	417.2	512.0	535.7	542.8	547.6
75°	154.1	177.8	222.9	258.4	284.5	286.8	341.4	417.2	433.8	438.6	440.9
77.5°	123.3	166.0	163.5	208.7	232.3	227.6	267.9	322.4	336.6	336.6	336.6
80°	92.5	130.4	123.3	149.3	170.6	166.0	192.0	230.0	234.7	239.4	237.0
82.5°	68.7	82.9	82.9	94.8	113.8	109.1	128.1	149.3	149.3	149.3	154.1
85°	42.7	47.4	37.9	49.8	64.0	61.6	71.1	80.6	82.9	82.9	78.3
87.5°	26.1	21.3	11.9	19.0	28.5	28.5	33.2	35.6	33.2	33.2	33.2
90°	15.1	10.5	5.8	10.5	15.1	16.3	25.7	38.1	44.3	39.3	29.5
92.5°	102.6	63.0	23.4	63.0	102.6	112.5	158.1	218.9	249.4	218.6	156.9
95°	201.0	128.4	55.9	128.4	201.0	219.1	389.1	615.7	729.0	650.5	493.5
97.5°	224.7	160.7	96.8	160.7	224.7	240.7	524.1	902.0	1090.9	1041.3	942.1
100°	244.2	186.2	128.2	186.2	244.2	258.7	573.2	992.5	1202.2	1205.8	1213.1
102.5°	263.3	209.2	155.0	209.2	263.3	276.8	595.8	1021.0	1233.6	1296.9	1423.2
105°	292.2	246.3	200.4	246.3	292.2	303.6	612.5	1024.3	1230.2	1371.9	1655.1
107.5°	332.6	289.8	247.0	289.8	332.6	343.2	615.6	978.6	1160.2	1357.8	1753.0
110°	355.8	317.1	278.5	317.1	355.8	365.4	610.9	938.3	1101.9	1322.8	1764.7



TEST NUMBER: P935391

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	383.0	346.2	309.4	346.2	383.0	392.2	611.1	903.0	1048.9	1275.0	1727.2
115°	423.8	389.9	356.0	389.9	423.8	432.3	616.7	862.5	985.4	1203.2	1638.9
117.5°	463.7	432.9	402.1	432.9	463.7	471.4	628.1	837.1	941.7	1138.3	1531.4
120°	486.9	457.9	428.9	457.9	486.9	494.2	637.5	828.6	924.2	1103.8	1463.0
122.5°	513.7	484.4	455.1	484.4	513.7	521.0	650.9	824.2	910.8	1072.6	1396.0
125°	548.7	522.0	495.3	522.0	548.7	555.4	669.0	820.5	896.3	1033.7	1308.4
127.5°	581.9	554.9	528.0	554.9	581.9	588.6	687.1	818.4	884.0	1002.0	1237.9
130°	603.5	574.5	545.5	574.5	603.5	610.7	700.3	819.7	879.4	984.3	1194.4
132.5°	621.5	592.5	563.5	592.5	621.5	628.8	711.0	820.5	875.3	969.3	1157.3
135°	643.2	616.7	590.3	616.7	643.2	649.8	722.6	819.7	868.2	947.0	1104.5
137.5°	670.1	643.8	617.7	643.8	670.1	676.6	740.1	824.8	867.1	933.7	1066.8
140°	688.6	664.5	640.4	664.5	688.6	694.6	750.7	825.6	863.0	920.6	1035.5
142.5°	702.5	680.2	657.9	680.2	702.5	708.1	759.7	828.6	863.0	913.5	1014.5
145°	723.6	704.1	684.7	704.1	723.6	728.4	771.4	828.6	857.2	898.5	981.2
147.5°	749.3	730.4	711.5	730.4	749.3	754.0	788.4	834.2	857.2	889.7	954.7
150°	763.2	746.1	729.0	746.1	763.2	767.5	797.4	837.2	857.2	884.7	939.5
152.5°	773.0	760.1	747.1	760.1	773.0	776.2	803.2	839.2	857.2	880.7	927.6
155°	793.0	783.4	773.9	783.4	793.0	795.4	816.0	843.5	857.2	875.9	913.2
157.5°	812.3	803.1	793.7	803.1	812.3	814.6	828.8	847.8	857.2	871.7	900.7
160°	821.6	814.4	807.1	814.4	821.6	823.4	834.7	849.8	857.2	869.6	894.5
162.5°	831.4	825.9	820.5	825.9	831.4	832.8	840.9	851.8	857.2	867.7	888.7
165°	844.9	839.9	835.1	839.9	844.9	846.1	849.8	854.8	857.2	864.7	879.7
167.5°	853.1	850.8	848.4	850.8	853.1	853.7	856.8	861.0	863.0	868.0	877.8
170°	861.9	859.6	857.2	859.6	861.9	862.5	862.6	862.9	863.0	868.0	877.8
172.5°	862.9	862.4	861.9	862.4	862.9	863.0	863.0	863.0	863.0	866.9	874.7
175°	868.2	868.2	868.2	868.2	868.2	868.2	866.5	864.1	863.0	865.4	870.4
177.5°	868.2	868.2	868.2	868.2	868.2	868.2	866.9	865.2	864.2	866.2	870.0
180°	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2



TEST NUMBER: P935391
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2418.0	2410.9	2420.4	2394.3	2420.4	2410.9	2418.0	2434.6	2420.4	2429.9	2439.3
5°	2121.7	2109.8	2071.9	2041.1	2071.9	2109.8	2121.7	2171.5	2195.2	2237.9	2294.7
7.5°	1896.5	1887.0	1877.5	1858.6	1877.5	1887.0	1896.5	1910.7	1934.4	1972.3	2015.0
10°	1846.7	1849.0	1863.3	1860.9	1863.3	1849.0	1846.7	1841.9	1834.8	1841.9	1868.0
12.5°	1974.8	1996.1	2074.3	2069.6	2074.3	1996.1	1974.8	1879.9	1815.9	1804.0	1808.8
15°	2121.7	2128.8	2145.4	2147.7	2145.4	2128.8	2121.7	2083.8	1891.7	1808.8	1782.7
17.5°	2135.9	2138.3	2150.2	2150.2	2150.2	2138.3	2135.9	2119.3	2055.3	1943.9	1796.9
20°	2124.1	2128.8	2152.5	2157.3	2152.5	2128.8	2124.1	2102.7	2067.1	2026.9	1915.4
22.5°	2119.3	2128.8	2147.7	2145.4	2147.7	2128.8	2119.3	2086.1	2055.3	2026.9	1981.9
25°	2095.6	2095.6	2098.0	2100.4	2098.0	2095.6	2095.6	2069.6	2007.9	2000.8	1974.8
27.5°	2045.8	2050.6	2064.8	2062.5	2064.8	2050.6	2045.8	2036.3	1970.0	1962.9	1943.9
30°	2000.8	1996.1	1984.2	1974.8	1984.2	1996.1	2000.8	1986.5	1920.2	1901.3	1905.9
32.5°	1925.0	1913.1	1901.3	1894.2	1901.3	1913.1	1925.0	1920.2	1870.4	1844.4	1849.0
35°	1834.8	1837.2	1834.8	1827.7	1834.8	1837.2	1834.8	1839.6	1808.8	1785.1	1782.7
37.5°	1770.9	1775.5	1773.2	1763.8	1773.2	1775.5	1770.9	1766.1	1723.4	1716.3	1721.1
40°	1704.5	1706.8	1704.5	1697.4	1704.5	1706.8	1704.5	1695.0	1635.7	1638.0	1654.7
42.5°	1640.5	1638.0	1631.0	1626.2	1631.0	1638.0	1640.5	1626.2	1550.3	1543.2	1574.1
45°	1567.0	1569.3	1555.1	1548.0	1555.1	1569.3	1567.0	1557.4	1479.3	1460.3	1481.6
47.5°	1493.5	1493.5	1481.6	1474.5	1481.6	1493.5	1493.5	1481.6	1398.7	1379.7	1391.6
50°	1415.3	1412.9	1396.3	1393.9	1396.3	1412.9	1415.3	1408.1	1320.4	1303.9	1303.9
52.5°	1325.2	1325.2	1327.5	1332.3	1327.5	1325.2	1325.2	1327.5	1249.3	1232.7	1227.9
55°	1246.9	1249.3	1265.9	1270.6	1265.9	1249.3	1246.9	1246.9	1175.8	1159.2	1149.8
57.5°	1166.4	1166.4	1178.1	1178.1	1178.1	1166.4	1166.4	1161.6	1092.9	1078.6	1073.9
60°	1073.9	1078.6	1088.1	1085.8	1088.1	1078.6	1073.9	1069.1	1009.8	1000.4	983.8
62.5°	976.7	981.4	983.8	979.0	983.8	981.4	976.7	962.5	926.9	919.8	898.4
65°	874.8	879.5	881.9	877.1	881.9	879.5	874.8	867.7	841.5	829.7	810.7
67.5°	770.5	768.0	765.7	775.2	765.7	768.0	770.5	760.9	744.4	734.9	708.8
70°	663.8	663.8	661.4	666.1	661.4	663.8	663.8	656.7	647.2	640.1	616.3
72.5°	549.9	547.6	557.1	549.9	557.1	547.6	549.9	547.6	542.8	535.7	512.0
75°	438.6	443.3	438.6	445.7	438.6	443.3	438.6	440.9	438.6	433.8	417.2
77.5°	334.3	339.0	334.3	334.3	334.3	339.0	334.3	336.6	336.6	336.6	322.4
80°	237.0	234.7	234.7	232.3	234.7	234.7	237.0	237.0	239.4	234.7	230.0
82.5°	151.7	149.3	149.3	154.1	149.3	149.3	151.7	154.1	149.3	149.3	149.3
85°	82.9	85.4	80.6	80.6	80.6	85.4	82.9	78.3	82.9	82.9	80.6
87.5°	30.8	28.5	28.5	28.5	28.5	28.5	30.8	33.2	33.2	33.2	35.6
90°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	29.5	39.3	44.3	38.1
92.5°	110.7	106.3	88.6	71.1	88.6	106.3	110.7	156.9	218.6	249.4	218.9
95°	375.8	362.5	309.2	255.8	309.2	362.5	375.8	493.5	650.5	729.0	615.7
97.5°	867.7	842.3	740.8	639.2	740.8	842.3	867.7	942.1	1041.3	1090.9	902.0
100°	1218.5	1188.2	1067.3	946.3	1067.3	1188.2	1218.5	1213.1	1205.8	1202.2	992.5
102.5°	1518.0	1492.2	1388.5	1284.9	1388.5	1492.2	1518.0	1423.2	1296.9	1233.6	1021.0
105°	1867.6	1853.7	1798.0	1742.4	1798.0	1853.7	1867.6	1655.1	1371.9	1230.2	1024.3
107.5°	2049.5	2052.8	2066.4	2079.8	2066.4	2052.8	2049.5	1753.0	1357.8	1160.2	978.6
110°	2096.1	2110.6	2168.7	2226.7	2168.7	2110.6	2096.1	1764.7	1322.8	1101.9	938.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2066.4	2088.6	2177.7	2266.8	2177.7	2088.6	2066.4	1727.2	1275.0	1048.9	903.0
115°	1965.6	1996.5	2120.0	2243.6	2120.0	1996.5	1965.6	1638.9	1203.2	985.4	862.5
117.5°	1826.3	1860.5	1997.5	2134.6	1997.5	1860.5	1826.3	1531.4	1138.3	941.7	837.1
120°	1732.5	1765.7	1898.9	2032.0	1898.9	1765.7	1732.5	1463.0	1103.8	924.2	828.6
122.5°	1638.6	1671.5	1802.8	1934.1	1802.8	1671.5	1638.6	1396.0	1072.6	910.8	824.2
125°	1514.6	1544.8	1665.7	1786.6	1665.7	1544.8	1514.6	1308.4	1033.7	896.3	820.5
127.5°	1414.9	1440.4	1542.5	1644.5	1542.5	1440.4	1414.9	1237.9	1002.0	884.0	818.4
130°	1352.0	1375.5	1469.8	1564.1	1469.8	1375.5	1352.0	1194.4	984.3	879.4	819.7
132.5°	1298.4	1319.5	1403.9	1488.3	1403.9	1319.5	1298.4	1157.3	969.3	875.3	820.5
135°	1222.6	1240.8	1313.6	1386.3	1313.6	1240.8	1222.6	1104.5	947.0	868.2	819.7
137.5°	1166.7	1181.5	1241.1	1300.7	1241.1	1181.5	1166.7	1066.8	933.7	867.1	824.8
140°	1121.7	1135.7	1191.4	1247.1	1191.4	1135.7	1121.7	1035.5	920.6	863.0	825.6
142.5°	1090.3	1102.2	1150.2	1198.1	1150.2	1102.2	1090.3	1014.5	913.5	863.0	828.6
145°	1043.1	1052.2	1088.5	1124.7	1088.5	1052.2	1043.1	981.2	898.5	857.2	828.6
147.5°	1003.5	1011.0	1041.0	1071.1	1041.0	1011.0	1003.5	954.7	889.7	857.2	834.2
150°	980.7	986.8	1011.1	1035.5	1011.1	986.8	980.7	939.5	884.7	857.2	837.2
152.5°	962.7	967.3	985.7	1004.0	985.7	967.3	962.7	927.6	880.7	857.2	839.2
155°	941.1	944.2	956.3	968.5	956.3	944.2	941.1	913.2	875.9	857.2	843.5
157.5°	922.5	924.7	933.2	941.7	933.2	924.7	922.5	900.7	871.7	857.2	847.8
160°	913.2	914.4	919.3	924.2	919.3	914.4	913.2	894.5	869.6	857.2	849.8
162.5°	904.4	905.5	910.2	914.9	910.2	905.5	904.4	888.7	867.7	857.2	851.8
165°	891.0	892.3	897.2	902.1	897.2	892.3	891.0	879.7	864.7	857.2	854.8
167.5°	885.2	885.7	887.8	889.8	887.8	885.7	885.2	877.8	868.0	863.0	861.0
170°	885.2	885.2	885.2	885.2	885.2	885.2	885.2	877.8	868.0	863.0	862.9
172.5°	880.5	880.0	878.2	876.5	878.2	880.0	880.5	874.7	866.9	863.0	863.0
175°	874.1	874.1	874.1	874.1	874.1	874.1	874.1	870.4	865.4	863.0	864.1
177.5°	872.9	872.4	870.3	868.2	870.3	872.4	872.9	870.0	866.2	864.2	865.2
180°	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2	868.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2505.7	2505.7	2505.7	2505.7	2505.7
2.5°	2474.9	2486.8	2493.9	2503.4	2527.0
5°	2380.1	2425.1	2439.3	2474.9	2517.6
7.5°	2171.5	2308.9	2346.9	2432.2	2498.6
10°	1970.0	2107.5	2173.9	2375.3	2474.9
12.5°	1868.0	1948.6	1993.7	2275.8	2441.8
15°	1804.0	1860.9	1894.2	2143.1	2403.8
17.5°	1754.2	1794.6	1818.2	2012.7	2351.6
20°	1723.4	1742.4	1763.8	1917.8	2292.4
22.5°	1702.1	1690.3	1706.8	1851.5	2211.8
25°	1687.8	1642.8	1661.8	1799.3	2116.9
27.5°	1699.7	1600.1	1607.2	1751.9	2017.3
30°	1702.1	1548.0	1550.3	1702.1	1905.9
32.5°	1685.5	1493.5	1495.9	1640.5	1780.3
35°	1645.2	1429.5	1427.1	1569.3	1609.7
37.5°	1590.7	1360.7	1360.7	1491.1	1422.4
40°	1524.3	1292.0	1299.1	1389.1	1256.4
42.5°	1443.7	1218.5	1227.9	1254.1	1133.1
45°	1356.0	1147.3	1154.5	1059.6	1038.3
47.5°	1258.8	1073.9	1076.2	879.5	1007.5
50°	1142.7	998.0	988.5	753.8	1005.2
52.5°	1040.7	915.0	886.6	682.8	912.7
55°	941.1	827.3	765.7	628.2	846.3
57.5°	853.4	713.6	654.3	564.2	832.1
60°	772.8	602.1	557.1	495.5	763.4
62.5°	706.5	519.1	509.7	448.0	692.2
65°	635.3	462.2	459.9	407.8	588.0
67.5°	566.6	424.3	422.0	369.8	448.0
70°	493.1	384.1	379.3	329.5	331.9
72.5°	417.2	339.0	334.3	296.4	275.0
75°	341.4	286.8	284.5	258.4	222.9
77.5°	267.9	227.6	232.3	208.7	163.5
80°	192.0	166.0	170.6	149.3	123.3
82.5°	128.1	109.1	113.8	94.8	82.9
85°	71.1	61.6	64.0	49.8	37.9
87.5°	33.2	28.5	28.5	19.0	11.9
90°	25.7	16.3	15.1	10.5	5.8
92.5°	158.1	112.5	102.6	63.0	23.4
95°	389.1	219.1	201.0	128.4	55.9
97.5°	524.1	240.7	224.7	160.7	96.8
100°	573.2	258.7	244.2	186.2	128.2
102.5°	595.8	276.8	263.3	209.2	155.0
105°	612.5	303.6	292.2	246.3	200.4
107.5°	615.6	343.2	332.6	289.8	247.0
110°	610.9	365.4	355.8	317.1	278.5



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CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	611.1	392.2	383.0	346.2	309.4
115°	616.7	432.3	423.8	389.9	356.0
117.5°	628.1	471.4	463.7	432.9	402.1
120°	637.5	494.2	486.9	457.9	428.9
122.5°	650.9	521.0	513.7	484.4	455.1
125°	669.0	555.4	548.7	522.0	495.3
127.5°	687.1	588.6	581.9	554.9	528.0
130°	700.3	610.7	603.5	574.5	545.5
132.5°	711.0	628.8	621.5	592.5	563.5
135°	722.6	649.8	643.2	616.7	590.3
137.5°	740.1	676.6	670.1	643.8	617.7
140°	750.7	694.6	688.6	664.5	640.4
142.5°	759.7	708.1	702.5	680.2	657.9
145°	771.4	728.4	723.6	704.1	684.7
147.5°	788.4	754.0	749.3	730.4	711.5
150°	797.4	767.5	763.2	746.1	729.0
152.5°	803.2	776.2	773.0	760.1	747.1
155°	816.0	795.4	793.0	783.4	773.9
157.5°	828.8	814.6	812.3	803.1	793.7
160°	834.7	823.4	821.6	814.4	807.1
162.5°	840.9	832.8	831.4	825.9	820.5
165°	849.8	846.1	844.9	839.9	835.1
167.5°	856.8	853.7	853.1	850.8	848.4
170°	862.6	862.5	861.9	859.6	857.2
172.5°	863.0	863.0	862.9	862.4	861.9
175°	866.5	868.2	868.2	868.2	868.2
177.5°	866.9	868.2	868.2	868.2	868.2
180°	868.2	868.2	868.2	868.2	868.2



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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	14.65	15.55	15.58	16.49	17.71	17.48	18.37	18.40	19.31	20.53
	3H	15.13	15.93	16.07	16.89	18.13	18.82	19.62	19.76	20.58	21.82
	4H	15.32	16.08	16.28	17.04	18.29	19.27	20.03	20.22	20.98	22.23
	6H	15.44	16.14	16.41	17.11	18.37	19.55	20.25	20.52	21.21	22.48
	8H	15.45	16.11	16.42	17.09	18.35	19.63	20.29	20.60	21.27	22.53
	12H	15.42	16.05	16.39	17.03	18.31	19.67	20.30	20.64	21.27	22.56
4H	2H	15.69	16.45	16.64	17.40	18.65	17.89	18.65	18.85	19.61	20.86
	3H	16.72	17.35	17.68	18.34	19.60	19.40	20.03	20.36	21.02	22.28
	4H	16.99	17.57	17.97	18.55	19.84	19.92	20.50	20.90	21.48	22.77
	6H	17.12	17.62	18.11	18.62	19.91	20.29	20.79	21.28	21.79	23.08
	8H	17.13	17.59	18.12	18.59	19.89	20.40	20.86	21.39	21.86	23.16
	12H	17.10	17.52	18.11	18.53	19.84	20.45	20.87	21.46	21.89	23.20
8H	4H	17.45	17.91	18.44	18.91	20.22	20.05	20.52	21.04	21.51	22.82
	6H	17.71	18.10	18.73	19.14	20.44	20.49	20.87	21.50	21.91	23.21
	8H	17.76	18.09	18.78	19.12	20.44	20.64	20.98	21.66	22.01	23.33
	12H	17.74	18.04	18.77	19.06	20.42	20.74	21.04	21.77	22.06	23.42
12H	4H	17.46	17.88	18.47	18.89	20.20	20.02	20.44	21.03	21.45	22.76
	6H	17.77	18.11	18.80	19.14	20.46	20.49	20.83	21.51	21.85	23.17
	8H	17.84	18.14	18.87	19.16	20.53	20.65	20.95	21.68	21.97	23.33