

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: P934876

Luminaire Tested: SQ4-FA-075U-100D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

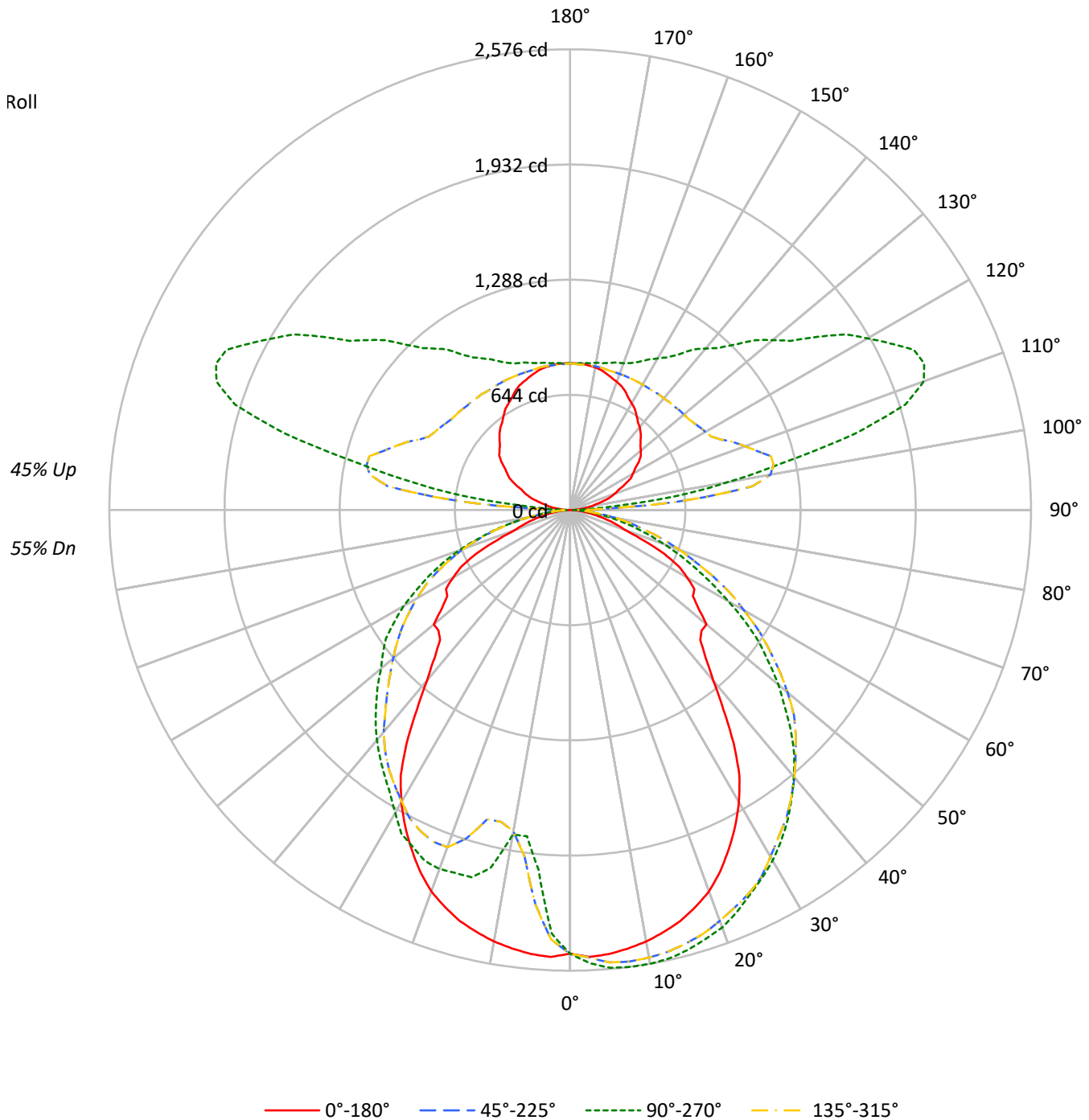
Test Method: LM-79-2019  
Report Number: P934876  
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-100D-940-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11751.8 lumens  
Efficiency: N/A  
Efficacy: 114.8 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: General Diffuse  
  
Input Watts (W): 102.4  
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				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	86	86	86	73	73	73	60	60	60	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	22	18	16	14

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	11508	11508	11508	11508
5°	11593	11616	11593	9134
10°	11516	11442	11516	8181
15°	11391	11195	11391	9348
20°	11153	10901	11153	9368
25°	10665	10473	10665	9169
30°	10035	10117	10035	8733
35°	8945	9667	8945	8254
40°	7454	9138	7454	7892
45°	6661	8518	6661	7476
50°	7076	7778	7076	7059
55°	6657	6982	6657	6817
60°	6863	5930	6863	6243
65°	6221	4902	6221	5479
70°	4308	3907	4308	4593
75°	3778	2888	3778	3458
80°	3044	1909	3044	2079
85°	1751	1012	1751	859

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10208 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	223.9	1.9
10°-20°	635.7	5.4
20°-30°	982.6	8.4
30°-40°	1173.1	10.0
40°-50°	1179.9	10.0
50°-60°	1026.7	8.7
60°-70°	727.9	6.2
70°-80°	385.1	3.3
80°-90°	99.1	0.8
90°-100°	399.9	3.4
100°-110°	1051.3	8.9
110°-120°	1090.0	9.3
120°-130°	874.3	7.4
130°-140°	686.1	5.8
140°-150°	526.6	4.5
150°-160°	379.2	3.2
160°-170°	232.0	2.0
170°-180°	78.4	0.7
0°-30°	1842.2	15.7
0°-40°	3015.3	25.7
0°-60°	5221.9	44.4
0°-90°	6434.0	54.7
90°-120°	2541.2	21.6
90°-150°	4628.1	39.4
90°-180°	5318.0	45.3
0°-180°	11751.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2480	2480	2480	2480	2480	
5°	2492	2569	2492	2020	2492	236
15°	2379	2546	2379	2126	2379	669
25°	2095	2375	2095	2079	2095	962
35°	1593	2119	1593	1809	1593	986
45°	1028	1746	1028	1532	1028	823
55°	838	1288	838	1258	838	770
65°	582	777	582	868	582	556
75°	221	368	221	441	221	232
85°	38	94	38	80	38	51
90°	6	21	6	21	6	6
95°	53	242	53	242	53	59
105°	189	1646	189	1646	189	201
115°	336	2120	336	2120	336	332
125°	468	1688	468	1688	468	415
135°	558	1310	558	1310	558	432
145°	647	1063	647	1063	647	405
155°	731	915	731	915	731	336
165°	789	852	789	852	789	223
175°	820	826	820	826	820	78
180°	820	820	820	820	820	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2501.4	2501.4	2515.4	2520.1	2520.1	2513.1	2506.1	2513.1	2534.3	2541.3	2539.0
5°	2492.0	2510.7	2536.6	2541.3	2546.0	2543.6	2539.0	2543.6	2567.1	2571.8	2574.1
7.5°	2473.3	2508.4	2541.3	2548.3	2555.4	2548.3	2546.0	2550.7	2574.1	2578.8	2578.8
10°	2449.7	2499.0	2536.6	2541.3	2548.3	2541.3	2541.3	2550.7	2574.1	2578.8	2581.1
12.5°	2416.9	2485.0	2520.1	2524.9	2534.3	2531.9	2529.6	2539.0	2562.4	2567.1	2567.1
15°	2379.4	2459.1	2492.0	2496.7	2513.1	2508.4	2508.4	2517.8	2543.6	2550.7	2548.3
17.5°	2327.7	2426.3	2463.8	2470.9	2482.6	2480.3	2482.6	2492.0	2515.4	2520.1	2522.5
20°	2269.1	2381.7	2426.3	2433.3	2445.1	2445.1	2445.1	2456.8	2480.3	2489.7	2489.7
22.5°	2189.3	2334.8	2381.7	2386.4	2400.4	2400.4	2405.1	2421.6	2442.7	2445.1	2445.1
25°	2095.4	2283.1	2323.0	2337.1	2351.2	2358.3	2365.3	2374.7	2381.7	2379.4	2381.7
27.5°	1996.8	2217.4	2269.1	2278.4	2297.3	2304.3	2313.7	2316.0	2318.4	2325.4	2320.7
30°	1886.6	2126.0	2203.4	2212.8	2243.3	2248.0	2238.6	2243.3	2255.0	2259.7	2264.4
32.5°	1762.2	1989.8	2135.4	2156.4	2184.6	2170.5	2168.1	2175.2	2194.0	2194.0	2198.7
35°	1593.2	1884.2	2072.0	2090.7	2111.8	2095.4	2104.8	2107.1	2118.9	2126.0	2123.6
37.5°	1407.9	1792.7	2006.3	2020.4	2036.8	2015.7	2029.7	2036.8	2046.1	2041.5	2041.5
40°	1243.6	1649.6	1928.8	1938.2	1952.3	1935.8	1950.0	1954.7	1959.4	1954.7	1952.3
42.5°	1121.6	1492.4	1846.7	1858.4	1849.1	1860.8	1865.5	1874.8	1867.8	1858.4	1858.4
45°	1027.8	1450.1	1757.5	1771.6	1757.5	1776.4	1783.4	1783.4	1762.2	1757.5	1755.2
47.5°	997.3	1365.7	1668.4	1668.4	1661.4	1684.8	1696.5	1680.1	1659.0	1651.9	1651.9
50°	994.9	1271.8	1546.4	1537.0	1569.8	1598.0	1586.2	1569.8	1553.4	1527.5	1527.5
52.5°	903.5	1156.8	1389.1	1424.4	1475.9	1492.4	1473.6	1457.2	1429.1	1417.3	1407.9
55°	837.7	1037.2	1246.0	1316.4	1370.4	1391.5	1356.2	1339.9	1297.6	1290.6	1285.9
57.5°	823.6	863.5	1114.6	1203.8	1269.5	1267.1	1246.0	1215.5	1180.3	1173.2	1170.9
60°	755.6	624.2	973.8	1079.4	1147.5	1140.4	1121.6	1093.5	1060.6	1055.9	1051.2
62.5°	685.2	452.9	814.2	933.9	1030.1	1027.8	1011.3	969.1	945.6	933.9	924.5
65°	581.9	380.2	579.6	776.7	915.2	919.8	884.6	854.2	828.3	814.2	811.9
67.5°	443.5	309.7	391.9	647.6	804.9	800.2	755.6	741.5	708.6	701.6	687.5
70°	328.5	206.5	272.2	525.6	696.9	685.2	650.0	633.6	603.0	586.6	577.2
72.5°	272.2	166.6	199.4	408.3	586.6	572.6	542.0	523.3	497.5	483.3	474.0
75°	220.6	176.0	152.6	302.7	476.3	467.0	438.8	420.0	398.9	380.2	382.5
77.5°	161.9	164.3	122.0	222.9	377.8	363.7	347.3	323.9	314.4	295.7	295.7
80°	122.0	129.0	91.6	152.6	272.2	272.2	258.1	241.7	225.3	215.9	215.9
82.5°	82.1	82.1	68.0	96.2	185.4	178.3	169.0	164.3	154.9	150.2	150.2
85°	37.6	46.9	42.3	58.7	100.9	105.6	105.6	100.9	98.6	93.9	96.2
87.5°	11.7	21.1	25.8	32.9	51.6	54.0	56.3	56.3	56.3	58.7	58.7
90°	5.5	9.9	14.4	15.5	24.2	36.0	41.8	37.2	27.9	21.0	21.0
92.5°	22.0	59.5	97.0	106.3	149.5	206.9	235.7	206.5	148.3	104.6	100.4
95°	52.8	121.4	189.9	207.0	367.5	581.6	688.7	614.6	466.3	355.1	342.5
97.5°	91.4	151.8	212.3	227.4	495.1	852.1	1030.6	983.7	890.0	819.8	795.8
100°	121.1	175.9	230.8	244.5	541.6	937.7	1135.8	1139.2	1146.1	1151.2	1122.6
102.5°	146.4	197.6	248.7	261.5	562.8	964.6	1165.5	1225.2	1344.6	1434.2	1409.7
105°	189.4	232.7	276.0	286.8	578.6	967.7	1162.2	1296.0	1563.7	1764.5	1751.3
107.5°	233.5	273.9	314.2	324.3	581.6	924.6	1096.1	1282.8	1656.2	1936.3	1939.5
110°	263.2	299.6	336.0	345.2	577.1	886.4	1041.1	1249.8	1667.2	1980.3	1994.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	292.3	327.1	361.8	370.5	577.3	853.1	991.0	1204.7	1631.9	1952.3	1973.3
115°	336.4	368.4	400.5	408.5	582.6	814.8	931.0	1136.7	1548.3	1857.0	1886.2
117.5°	379.9	409.0	438.1	445.4	593.5	790.9	889.7	1075.4	1446.8	1725.4	1757.7
120°	405.2	432.5	460.0	466.8	602.2	782.9	873.2	1042.9	1382.3	1636.8	1668.2
122.5°	430.0	457.7	485.3	492.2	614.9	778.6	860.5	1013.3	1318.9	1548.1	1579.1
125°	468.0	493.2	518.3	524.6	632.0	775.1	846.7	976.5	1236.1	1430.8	1459.4
127.5°	498.8	524.3	549.7	556.1	649.1	773.2	835.2	946.6	1169.5	1336.7	1360.8
130°	515.3	542.7	570.1	576.9	661.6	774.4	830.8	930.0	1128.5	1277.3	1299.6
132.5°	532.4	559.8	587.2	594.1	671.7	775.1	826.9	915.7	1093.4	1226.6	1246.6
135°	557.7	582.6	607.7	613.9	682.7	774.4	820.3	894.7	1043.5	1155.0	1172.2
137.5°	583.6	608.3	633.0	639.2	699.2	779.2	819.2	882.1	1007.9	1102.2	1116.2
140°	605.1	627.8	650.5	656.2	709.2	780.0	815.4	869.7	978.3	1059.8	1073.0
142.5°	621.6	642.6	663.7	668.9	717.8	782.9	815.4	863.0	958.5	1030.1	1041.4
145°	646.9	665.3	683.6	688.2	728.8	782.9	809.9	848.9	927.0	985.5	994.0
147.5°	672.2	690.1	708.0	712.4	744.9	788.2	809.9	840.6	901.9	948.0	955.1
150°	688.7	704.9	721.1	725.1	753.3	791.0	809.9	835.8	887.6	926.5	932.3
152.5°	705.8	718.0	730.3	733.3	758.8	792.8	809.9	832.0	876.3	909.5	913.8
155°	731.1	740.1	749.2	751.5	771.0	796.9	809.9	827.4	862.7	889.2	892.0
157.5°	749.8	758.6	767.4	769.6	783.0	800.9	809.9	823.5	851.0	871.5	873.5
160°	762.5	769.4	776.2	777.9	788.5	802.8	809.9	821.6	845.1	862.7	863.8
162.5°	775.1	780.3	785.4	786.8	794.5	804.7	809.9	819.8	839.6	854.4	855.5
165°	788.9	793.5	798.2	799.4	802.8	807.5	809.9	817.0	831.2	841.8	843.0
167.5°	801.6	803.8	806.0	806.6	809.5	813.4	815.4	820.0	829.3	836.3	836.8
170°	809.9	812.1	814.3	814.8	815.0	815.3	815.4	820.0	829.3	836.3	836.3
172.5°	814.3	814.7	815.3	815.4	815.4	815.4	815.4	819.0	826.4	831.9	831.4
175°	820.3	820.3	820.3	820.3	818.6	816.4	815.4	817.7	822.4	825.8	825.8
177.5°	820.3	820.3	820.3	820.3	819.0	817.3	816.4	818.3	821.9	824.7	824.2
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2543.6	2536.6	2543.6	2539.0	2541.3	2534.3	2513.1	2506.1	2513.1	2520.1	2520.1
5°	2574.1	2569.4	2574.1	2574.1	2571.8	2567.1	2543.6	2539.0	2543.6	2546.0	2541.3
7.5°	2583.5	2576.4	2583.5	2578.8	2578.8	2574.1	2550.7	2546.0	2548.3	2555.4	2548.3
10°	2583.5	2576.4	2583.5	2581.1	2578.8	2574.1	2550.7	2541.3	2541.3	2548.3	2541.3
12.5°	2571.8	2567.1	2571.8	2567.1	2567.1	2562.4	2539.0	2529.6	2531.9	2534.3	2524.9
15°	2553.0	2546.0	2553.0	2548.3	2550.7	2543.6	2517.8	2508.4	2508.4	2513.1	2496.7
17.5°	2524.9	2515.4	2524.9	2522.5	2520.1	2515.4	2492.0	2482.6	2480.3	2482.6	2470.9
20°	2492.0	2485.0	2492.0	2489.7	2489.7	2480.3	2456.8	2445.1	2445.1	2445.1	2433.3
22.5°	2440.4	2433.3	2440.4	2445.1	2445.1	2442.7	2421.6	2405.1	2400.4	2400.4	2386.4
25°	2381.7	2374.7	2381.7	2381.7	2379.4	2381.7	2374.7	2365.3	2358.3	2351.2	2337.1
27.5°	2325.4	2320.7	2325.4	2320.7	2325.4	2318.4	2316.0	2313.7	2304.3	2297.3	2278.4
30°	2269.1	2264.4	2269.1	2264.4	2259.7	2255.0	2243.3	2238.6	2248.0	2243.3	2212.8
32.5°	2198.7	2194.0	2198.7	2198.7	2194.0	2194.0	2175.2	2168.1	2170.5	2184.6	2156.4
35°	2126.0	2118.9	2126.0	2123.6	2126.0	2118.9	2107.1	2104.8	2095.4	2111.8	2090.7
37.5°	2041.5	2034.4	2041.5	2041.5	2041.5	2046.1	2036.8	2029.7	2015.7	2036.8	2020.4
40°	1954.7	1945.3	1954.7	1952.3	1954.7	1959.4	1954.7	1950.0	1935.8	1952.3	1938.2
42.5°	1856.1	1853.8	1856.1	1858.4	1858.4	1867.8	1874.8	1865.5	1860.8	1849.1	1858.4
45°	1750.5	1745.8	1750.5	1755.2	1757.5	1762.2	1783.4	1783.4	1776.4	1757.5	1771.6
47.5°	1637.8	1626.1	1637.8	1651.9	1651.9	1659.0	1680.1	1696.5	1684.8	1661.4	1668.4
50°	1518.2	1520.5	1518.2	1527.5	1527.5	1553.4	1569.8	1586.2	1598.0	1569.8	1537.0
52.5°	1400.9	1398.5	1400.9	1407.9	1417.3	1429.1	1457.2	1473.6	1492.4	1475.9	1424.4
55°	1283.5	1288.2	1283.5	1285.9	1290.6	1297.6	1339.9	1356.2	1391.5	1370.4	1316.4
57.5°	1166.2	1159.2	1166.2	1170.9	1173.2	1180.3	1215.5	1246.0	1267.1	1269.5	1203.8
60°	1030.1	1020.8	1030.1	1051.2	1055.9	1060.6	1093.5	1121.6	1140.4	1147.5	1079.4
62.5°	910.5	894.0	910.5	924.5	933.9	945.6	969.1	1011.3	1027.8	1030.1	933.9
65°	783.7	776.7	783.7	811.9	814.2	828.3	854.2	884.6	919.8	915.2	776.7
67.5°	668.8	668.8	668.8	687.5	701.6	708.6	741.5	755.6	800.2	804.9	647.6
70°	563.2	560.9	563.2	577.2	586.6	603.0	633.6	650.0	685.2	696.9	525.6
72.5°	462.3	459.9	462.3	474.0	483.3	497.5	523.3	542.0	572.6	586.6	408.3
75°	373.1	368.4	373.1	382.5	380.2	398.9	420.0	438.8	467.0	476.3	302.7
77.5°	286.3	286.3	286.3	295.7	295.7	314.4	323.9	347.3	363.7	377.8	222.9
80°	213.6	211.2	213.6	215.9	215.9	225.3	241.7	258.1	272.2	272.2	152.6
82.5°	150.2	145.5	150.2	150.2	150.2	154.9	164.3	169.0	178.3	185.4	96.2
85°	93.9	93.9	93.9	96.2	93.9	98.6	100.9	105.6	105.6	100.9	58.7
87.5°	61.0	58.7	61.0	58.7	58.7	56.3	56.3	56.3	54.0	51.6	32.9
90°	21.0	21.0	21.0	21.0	21.0	27.9	37.2	41.8	36.0	24.2	15.5
92.5°	83.8	67.1	83.8	100.4	104.6	148.3	206.5	235.7	206.9	149.5	106.3
95°	292.2	241.7	292.2	342.5	355.1	466.3	614.6	688.7	581.6	367.5	207.0
97.5°	699.8	603.9	699.8	795.8	819.8	890.0	983.7	1030.6	852.1	495.1	227.4
100°	1008.4	894.1	1008.4	1122.6	1151.2	1146.1	1139.2	1135.8	937.7	541.6	244.5
102.5°	1311.8	1214.0	1311.8	1409.7	1434.2	1344.6	1225.2	1165.5	964.6	562.8	261.5
105°	1698.7	1646.1	1698.7	1751.3	1764.5	1563.7	1296.0	1162.2	967.7	578.6	286.8
107.5°	1952.2	1964.9	1952.2	1939.5	1936.3	1656.2	1282.8	1096.1	924.6	581.6	324.3
110°	2048.9	2103.7	2048.9	1994.0	1980.3	1667.2	1249.8	1041.1	886.4	577.1	345.2





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2057.4	2141.6	2057.4	1973.3	1952.3	1631.9	1204.7	991.0	853.1	577.3	370.5
115°	2002.9	2119.6	2002.9	1886.2	1857.0	1548.3	1136.7	931.0	814.8	582.6	408.5
117.5°	1887.2	2016.6	1887.2	1757.7	1725.4	1446.8	1075.4	889.7	790.9	593.5	445.4
120°	1794.0	1919.8	1794.0	1668.2	1636.8	1382.3	1042.9	873.2	782.9	602.2	466.8
122.5°	1703.2	1827.2	1703.2	1579.1	1548.1	1318.9	1013.3	860.5	778.6	614.9	492.2
125°	1573.7	1688.0	1573.7	1459.4	1430.8	1236.1	976.5	846.7	775.1	632.0	524.6
127.5°	1457.2	1553.6	1457.2	1360.8	1336.7	1169.5	946.6	835.2	773.2	649.1	556.1
130°	1388.6	1477.6	1388.6	1299.6	1277.3	1128.5	930.0	830.8	774.4	661.6	576.9
132.5°	1326.3	1406.1	1326.3	1246.6	1226.6	1093.4	915.7	826.9	775.1	671.7	594.1
135°	1241.0	1309.7	1241.0	1172.2	1155.0	1043.5	894.7	820.3	774.4	682.7	613.9
137.5°	1172.5	1228.8	1172.5	1116.2	1102.2	1007.9	882.1	819.2	779.2	699.2	639.2
140°	1125.6	1178.2	1125.6	1073.0	1059.8	978.3	869.7	815.4	780.0	709.2	656.2
142.5°	1086.6	1131.9	1086.6	1041.4	1030.1	958.5	863.0	815.4	782.9	717.8	668.9
145°	1028.3	1062.6	1028.3	994.0	985.5	927.0	848.9	809.9	782.9	728.8	688.2
147.5°	983.5	1011.9	983.5	955.1	948.0	901.9	840.6	809.9	788.2	744.9	712.4
150°	955.3	978.3	955.3	932.3	926.5	887.6	835.8	809.9	791.0	753.3	725.1
152.5°	931.2	948.6	931.2	913.8	909.5	876.3	832.0	809.9	792.8	758.8	733.3
155°	903.5	915.0	903.5	892.0	889.2	862.7	827.4	809.9	796.9	771.0	751.5
157.5°	881.6	889.7	881.6	873.5	871.5	851.0	823.5	809.9	800.9	783.0	769.6
160°	868.6	873.2	868.6	863.8	862.7	845.1	821.6	809.9	802.8	788.5	777.9
162.5°	859.9	864.4	859.9	855.5	854.4	839.6	819.8	809.9	804.7	794.5	786.8
165°	847.6	852.2	847.6	843.0	841.8	831.2	817.0	809.9	807.5	802.8	799.4
167.5°	838.7	840.7	838.7	836.8	836.3	829.3	820.0	815.4	813.4	809.5	806.6
170°	836.3	836.3	836.3	836.3	836.3	829.3	820.0	815.4	815.3	815.0	814.8
172.5°	829.7	828.1	829.7	831.4	831.9	826.4	819.0	815.4	815.4	815.4	815.4
175°	825.8	825.8	825.8	825.8	825.8	822.4	817.7	815.4	816.4	818.6	820.3
177.5°	822.3	820.3	822.3	824.2	824.7	821.9	818.3	816.4	817.3	819.0	820.3
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2515.4	2501.4	2501.4	2478.0	2468.6	2461.5	2449.7	2414.6	2405.1	2395.8	2409.9
5°	2536.6	2510.7	2492.0	2449.7	2414.6	2400.4	2355.9	2271.4	2215.1	2172.8	2149.4
7.5°	2541.3	2508.4	2473.3	2407.5	2323.0	2285.5	2149.4	1994.5	1952.3	1914.8	1891.3
10°	2536.6	2499.0	2449.7	2351.2	2151.7	2086.1	1950.0	1849.1	1823.2	1816.2	1823.2
12.5°	2520.1	2485.0	2416.9	2252.7	1973.4	1928.8	1849.1	1790.4	1785.7	1797.4	1860.8
15°	2492.0	2459.1	2379.4	2121.3	1874.8	1842.0	1785.7	1764.5	1790.4	1872.5	2062.6
17.5°	2463.8	2426.3	2327.7	1992.2	1799.8	1776.4	1736.4	1778.7	1924.1	2034.4	2097.8
20°	2426.3	2381.7	2269.1	1898.4	1745.8	1724.7	1705.9	1896.0	2006.3	2046.1	2081.4
22.5°	2381.7	2334.8	2189.3	1832.7	1689.5	1673.1	1684.8	1961.7	2006.3	2034.4	2065.0
25°	2323.0	2283.1	2095.4	1781.0	1644.9	1626.1	1670.7	1954.7	1980.4	1987.5	2048.5
27.5°	2269.1	2217.4	1996.8	1734.1	1590.9	1583.9	1682.5	1924.1	1942.9	1950.0	2015.7
30°	2203.4	2126.0	1886.6	1684.8	1534.6	1532.2	1684.8	1886.6	1881.9	1900.7	1966.4
32.5°	2135.4	1989.8	1762.2	1623.8	1480.7	1478.3	1668.4	1830.3	1825.6	1851.4	1900.7
35°	2072.0	1884.2	1593.2	1553.4	1412.6	1414.9	1628.5	1764.5	1766.9	1790.4	1820.9
37.5°	2006.3	1792.7	1407.9	1475.9	1346.9	1346.9	1574.5	1703.5	1698.9	1705.9	1748.1
40°	1928.8	1649.6	1243.6	1375.1	1285.9	1278.8	1508.8	1637.8	1621.4	1619.1	1677.8
42.5°	1846.7	1492.4	1121.6	1241.3	1215.5	1206.1	1429.1	1558.1	1527.5	1534.6	1609.7
45°	1757.5	1450.1	1027.8	1048.9	1142.8	1135.8	1342.2	1466.5	1445.5	1464.2	1541.7
47.5°	1668.4	1365.7	997.3	870.6	1065.3	1062.9	1246.0	1377.4	1365.7	1384.5	1466.5
50°	1546.4	1271.8	994.9	746.2	978.5	987.9	1131.0	1290.6	1290.6	1307.0	1393.8
52.5°	1389.1	1156.8	903.5	675.8	877.6	905.8	1030.1	1215.5	1220.2	1236.6	1314.1
55°	1246.0	1037.2	837.7	621.9	757.9	818.9	931.6	1138.1	1147.5	1163.9	1234.2
57.5°	1114.6	863.5	823.6	558.5	647.6	706.3	844.8	1062.9	1067.6	1081.8	1149.8
60°	973.8	624.2	755.6	490.4	551.4	596.0	764.9	973.8	990.2	999.6	1058.3
62.5°	814.2	452.9	685.2	443.5	504.5	513.9	699.3	889.3	910.5	917.5	952.6
65°	579.6	380.2	581.9	403.6	455.2	457.6	628.9	802.5	821.3	833.0	858.8
67.5°	391.9	309.7	443.5	366.0	417.7	420.0	560.9	701.6	727.4	736.8	753.2
70°	272.2	206.5	328.5	326.2	375.4	380.2	488.0	610.1	633.6	640.6	650.0
72.5°	199.4	166.6	272.2	293.3	330.9	335.6	413.0	506.9	530.3	537.3	542.0
75°	152.6	176.0	220.6	255.7	281.6	283.9	337.9	413.0	429.4	434.1	436.5
77.5°	122.0	164.3	161.9	206.5	230.0	225.3	265.2	319.1	333.2	333.2	333.2
80°	91.6	129.0	122.0	147.9	169.0	164.3	190.0	227.6	232.3	237.0	234.6
82.5°	68.0	82.1	82.1	93.9	112.6	108.0	126.7	147.9	147.9	147.9	152.6
85°	42.3	46.9	37.6	49.3	63.3	61.0	70.4	79.7	82.1	82.1	77.4
87.5°	25.8	21.1	11.7	18.7	28.1	28.1	32.9	35.2	32.9	32.9	32.9
90°	14.4	9.9	5.5	9.9	14.4	15.5	24.2	36.0	41.8	37.2	27.9
92.5°	97.0	59.5	22.0	59.5	97.0	106.3	149.5	206.9	235.7	206.5	148.3
95°	189.9	121.4	52.8	121.4	189.9	207.0	367.5	581.6	688.7	614.6	466.3
97.5°	212.3	151.8	91.4	151.8	212.3	227.4	495.1	852.1	1030.6	983.7	890.0
100°	230.8	175.9	121.1	175.9	230.8	244.5	541.6	937.7	1135.8	1139.2	1146.1
102.5°	248.7	197.6	146.4	197.6	248.7	261.5	562.8	964.6	1165.5	1225.2	1344.6
105°	276.0	232.7	189.4	232.7	276.0	286.8	578.6	967.7	1162.2	1296.0	1563.7
107.5°	314.2	273.9	233.5	273.9	314.2	324.3	581.6	924.6	1096.1	1282.8	1656.2
110°	336.0	299.6	263.2	299.6	336.0	345.2	577.1	886.4	1041.1	1249.8	1667.2



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CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	361.8	327.1	292.3	327.1	361.8	370.5	577.3	853.1	991.0	1204.7	1631.9
115°	400.5	368.4	336.4	368.4	400.5	408.5	582.6	814.8	931.0	1136.7	1548.3
117.5°	438.1	409.0	379.9	409.0	438.1	445.4	593.5	790.9	889.7	1075.4	1446.8
120°	460.0	432.5	405.2	432.5	460.0	466.8	602.2	782.9	873.2	1042.9	1382.3
122.5°	485.3	457.7	430.0	457.7	485.3	492.2	614.9	778.6	860.5	1013.3	1318.9
125°	518.3	493.2	468.0	493.2	518.3	524.6	632.0	775.1	846.7	976.5	1236.1
127.5°	549.7	524.3	498.8	524.3	549.7	556.1	649.1	773.2	835.2	946.6	1169.5
130°	570.1	542.7	515.3	542.7	570.1	576.9	661.6	774.4	830.8	930.0	1128.5
132.5°	587.2	559.8	532.4	559.8	587.2	594.1	671.7	775.1	826.9	915.7	1093.4
135°	607.7	582.6	557.7	582.6	607.7	613.9	682.7	774.4	820.3	894.7	1043.5
137.5°	633.0	608.3	583.6	608.3	633.0	639.2	699.2	779.2	819.2	882.1	1007.9
140°	650.5	627.8	605.1	627.8	650.5	656.2	709.2	780.0	815.4	869.7	978.3
142.5°	663.7	642.6	621.6	642.6	663.7	668.9	717.8	782.9	815.4	863.0	958.5
145°	683.6	665.3	646.9	665.3	683.6	688.2	728.8	782.9	809.9	848.9	927.0
147.5°	708.0	690.1	672.2	690.1	708.0	712.4	744.9	788.2	809.9	840.6	901.9
150°	721.1	704.9	688.7	704.9	721.1	725.1	753.3	791.0	809.9	835.8	887.6
152.5°	730.3	718.0	705.8	718.0	730.3	733.3	758.8	792.8	809.9	832.0	876.3
155°	749.2	740.1	731.1	740.1	749.2	751.5	771.0	796.9	809.9	827.4	862.7
157.5°	767.4	758.6	749.8	758.6	767.4	769.6	783.0	800.9	809.9	823.5	851.0
160°	776.2	769.4	762.5	769.4	776.2	777.9	788.5	802.8	809.9	821.6	845.1
162.5°	785.4	780.3	775.1	780.3	785.4	786.8	794.5	804.7	809.9	819.8	839.6
165°	798.2	793.5	788.9	793.5	798.2	799.4	802.8	807.5	809.9	817.0	831.2
167.5°	806.0	803.8	801.6	803.8	806.0	806.6	809.5	813.4	815.4	820.0	829.3
170°	814.3	812.1	809.9	812.1	814.3	814.8	815.0	815.3	815.4	820.0	829.3
172.5°	815.3	814.7	814.3	814.7	815.3	815.4	815.4	815.4	815.4	819.0	826.4
175°	820.3	820.3	820.3	820.3	820.3	820.3	818.6	816.4	815.4	817.7	822.4
177.5°	820.3	820.3	820.3	820.3	820.3	820.3	819.0	817.3	816.4	818.3	821.9
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2393.4	2386.4	2395.8	2370.0	2395.8	2386.4	2393.4	2409.9	2395.8	2405.1	2414.6
5°	2100.1	2088.4	2050.8	2020.4	2050.8	2088.4	2100.1	2149.4	2172.8	2215.1	2271.4
7.5°	1877.2	1867.8	1858.4	1839.7	1858.4	1867.8	1877.2	1891.3	1914.8	1952.3	1994.5
10°	1827.9	1830.3	1844.4	1842.0	1844.4	1830.3	1827.9	1823.2	1816.2	1823.2	1849.1
12.5°	1954.7	1975.8	2053.2	2048.5	2053.2	1975.8	1954.7	1860.8	1797.4	1785.7	1790.4
15°	2100.1	2107.1	2123.6	2126.0	2123.6	2107.1	2100.1	2062.6	1872.5	1790.4	1764.5
17.5°	2114.2	2116.5	2128.3	2128.3	2128.3	2116.5	2114.2	2097.8	2034.4	1924.1	1778.7
20°	2102.5	2107.1	2130.7	2135.4	2130.7	2107.1	2102.5	2081.4	2046.1	2006.3	1896.0
22.5°	2097.8	2107.1	2126.0	2123.6	2126.0	2107.1	2097.8	2065.0	2034.4	2006.3	1961.7
25°	2074.3	2074.3	2076.7	2079.0	2076.7	2074.3	2074.3	2048.5	1987.5	1980.4	1954.7
27.5°	2025.1	2029.7	2043.8	2041.5	2043.8	2029.7	2025.1	2015.7	1950.0	1942.9	1924.1
30°	1980.4	1975.8	1964.0	1954.7	1964.0	1975.8	1980.4	1966.4	1900.7	1881.9	1886.6
32.5°	1905.4	1893.7	1881.9	1874.8	1881.9	1893.7	1905.4	1900.7	1851.4	1825.6	1830.3
35°	1816.2	1818.5	1816.2	1809.1	1816.2	1818.5	1816.2	1820.9	1790.4	1766.9	1764.5
37.5°	1752.8	1757.5	1755.2	1745.8	1755.2	1757.5	1752.8	1748.1	1705.9	1698.9	1703.5
40°	1687.1	1689.5	1687.1	1680.1	1687.1	1689.5	1687.1	1677.8	1619.1	1621.4	1637.8
42.5°	1623.8	1621.4	1614.4	1609.7	1614.4	1621.4	1623.8	1609.7	1534.6	1527.5	1558.1
45°	1551.1	1553.4	1539.3	1532.2	1539.3	1553.4	1551.1	1541.7	1464.2	1445.5	1466.5
47.5°	1478.3	1478.3	1466.5	1459.5	1466.5	1478.3	1478.3	1466.5	1384.5	1365.7	1377.4
50°	1400.9	1398.5	1382.1	1379.8	1382.1	1398.5	1400.9	1393.8	1307.0	1290.6	1290.6
52.5°	1311.7	1311.7	1314.1	1318.8	1314.1	1311.7	1311.7	1314.1	1236.6	1220.2	1215.5
55°	1234.2	1236.6	1253.1	1257.8	1253.1	1236.6	1234.2	1234.2	1163.9	1147.5	1138.1
57.5°	1154.5	1154.5	1166.2	1166.2	1166.2	1154.5	1154.5	1149.8	1081.8	1067.6	1062.9
60°	1062.9	1067.6	1077.1	1074.7	1077.1	1067.6	1062.9	1058.3	999.6	990.2	973.8
62.5°	966.8	971.5	973.8	969.1	973.8	971.5	966.8	952.6	917.5	910.5	889.3
65°	865.9	870.6	872.9	868.2	872.9	870.6	865.9	858.8	833.0	821.3	802.5
67.5°	762.6	760.3	757.9	767.3	757.9	760.3	762.6	753.2	736.8	727.4	701.6
70°	657.0	657.0	654.6	659.3	654.6	657.0	657.0	650.0	640.6	633.6	610.1
72.5°	544.4	542.0	551.4	544.4	551.4	542.0	544.4	542.0	537.3	530.3	506.9
75°	434.1	438.8	434.1	441.2	434.1	438.8	434.1	436.5	434.1	429.4	413.0
77.5°	330.9	335.6	330.9	330.9	330.9	335.6	330.9	333.2	333.2	333.2	319.1
80°	234.6	232.3	232.3	230.0	232.3	232.3	234.6	234.6	237.0	232.3	227.6
82.5°	150.2	147.9	147.9	152.6	147.9	147.9	150.2	152.6	147.9	147.9	147.9
85°	82.1	84.4	79.7	79.7	79.7	84.4	82.1	77.4	82.1	82.1	79.7
87.5°	30.5	28.1	28.1	28.1	28.1	28.1	30.5	32.9	32.9	32.9	35.2
90°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	27.9	37.2	41.8	36.0
92.5°	104.6	100.4	83.8	67.1	83.8	100.4	104.6	148.3	206.5	235.7	206.9
95°	355.1	342.5	292.2	241.7	292.2	342.5	355.1	466.3	614.6	688.7	581.6
97.5°	819.8	795.8	699.8	603.9	699.8	795.8	819.8	890.0	983.7	1030.6	852.1
100°	1151.2	1122.6	1008.4	894.1	1008.4	1122.6	1151.2	1146.1	1139.2	1135.8	937.7
102.5°	1434.2	1409.7	1311.8	1214.0	1311.8	1409.7	1434.2	1344.6	1225.2	1165.5	964.6
105°	1764.5	1751.3	1698.7	1646.1	1698.7	1751.3	1764.5	1563.7	1296.0	1162.2	967.7
107.5°	1936.3	1939.5	1952.2	1964.9	1952.2	1939.5	1936.3	1656.2	1282.8	1096.1	924.6
110°	1980.3	1994.0	2048.9	2103.7	2048.9	1994.0	1980.3	1667.2	1249.8	1041.1	886.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1952.3	1973.3	2057.4	2141.6	2057.4	1973.3	1952.3	1631.9	1204.7	991.0	853.1
115°	1857.0	1886.2	2002.9	2119.6	2002.9	1886.2	1857.0	1548.3	1136.7	931.0	814.8
117.5°	1725.4	1757.7	1887.2	2016.6	1887.2	1757.7	1725.4	1446.8	1075.4	889.7	790.9
120°	1636.8	1668.2	1794.0	1919.8	1794.0	1668.2	1636.8	1382.3	1042.9	873.2	782.9
122.5°	1548.1	1579.1	1703.2	1827.2	1703.2	1579.1	1548.1	1318.9	1013.3	860.5	778.6
125°	1430.8	1459.4	1573.7	1688.0	1573.7	1459.4	1430.8	1236.1	976.5	846.7	775.1
127.5°	1336.7	1360.8	1457.2	1553.6	1457.2	1360.8	1336.7	1169.5	946.6	835.2	773.2
130°	1277.3	1299.6	1388.6	1477.6	1388.6	1299.6	1277.3	1128.5	930.0	830.8	774.4
132.5°	1226.6	1246.6	1326.3	1406.1	1326.3	1246.6	1226.6	1093.4	915.7	826.9	775.1
135°	1155.0	1172.2	1241.0	1309.7	1241.0	1172.2	1155.0	1043.5	894.7	820.3	774.4
137.5°	1102.2	1116.2	1172.5	1228.8	1172.5	1116.2	1102.2	1007.9	882.1	819.2	779.2
140°	1059.8	1073.0	1125.6	1178.2	1125.6	1073.0	1059.8	978.3	869.7	815.4	780.0
142.5°	1030.1	1041.4	1086.6	1131.9	1086.6	1041.4	1030.1	958.5	863.0	815.4	782.9
145°	985.5	994.0	1028.3	1062.6	1028.3	994.0	985.5	927.0	848.9	809.9	782.9
147.5°	948.0	955.1	983.5	1011.9	983.5	955.1	948.0	901.9	840.6	809.9	788.2
150°	926.5	932.3	955.3	978.3	955.3	932.3	926.5	887.6	835.8	809.9	791.0
152.5°	909.5	913.8	931.2	948.6	931.2	913.8	909.5	876.3	832.0	809.9	792.8
155°	889.2	892.0	903.5	915.0	903.5	892.0	889.2	862.7	827.4	809.9	796.9
157.5°	871.5	873.5	881.6	889.7	881.6	873.5	871.5	851.0	823.5	809.9	800.9
160°	862.7	863.8	868.6	873.2	868.6	863.8	862.7	845.1	821.6	809.9	802.8
162.5°	854.4	855.5	859.9	864.4	859.9	855.5	854.4	839.6	819.8	809.9	804.7
165°	841.8	843.0	847.6	852.2	847.6	843.0	841.8	831.2	817.0	809.9	807.5
167.5°	836.3	836.8	838.7	840.7	838.7	836.8	836.3	829.3	820.0	815.4	813.4
170°	836.3	836.3	836.3	836.3	836.3	836.3	836.3	829.3	820.0	815.4	815.3
172.5°	831.9	831.4	829.7	828.1	829.7	831.4	831.9	826.4	819.0	815.4	815.4
175°	825.8	825.8	825.8	825.8	825.8	825.8	825.8	822.4	817.7	815.4	816.4
177.5°	824.7	824.2	822.3	820.3	822.3	824.2	824.7	821.9	818.3	816.4	817.3
180°	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3	820.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2480.3	2480.3	2480.3	2480.3	2480.3
2.5°	2449.7	2461.5	2468.6	2478.0	2501.4
5°	2355.9	2400.4	2414.6	2449.7	2492.0
7.5°	2149.4	2285.5	2323.0	2407.5	2473.3
10°	1950.0	2086.1	2151.7	2351.2	2449.7
12.5°	1849.1	1928.8	1973.4	2252.7	2416.9
15°	1785.7	1842.0	1874.8	2121.3	2379.4
17.5°	1736.4	1776.4	1799.8	1992.2	2327.7
20°	1705.9	1724.7	1745.8	1898.4	2269.1
22.5°	1684.8	1673.1	1689.5	1832.7	2189.3
25°	1670.7	1626.1	1644.9	1781.0	2095.4
27.5°	1682.5	1583.9	1590.9	1734.1	1996.8
30°	1684.8	1532.2	1534.6	1684.8	1886.6
32.5°	1668.4	1478.3	1480.7	1623.8	1762.2
35°	1628.5	1414.9	1412.6	1553.4	1593.2
37.5°	1574.5	1346.9	1346.9	1475.9	1407.9
40°	1508.8	1278.8	1285.9	1375.1	1243.6
42.5°	1429.1	1206.1	1215.5	1241.3	1121.6
45°	1342.2	1135.8	1142.8	1048.9	1027.8
47.5°	1246.0	1062.9	1065.3	870.6	997.3
50°	1131.0	987.9	978.5	746.2	994.9
52.5°	1030.1	905.8	877.6	675.8	903.5
55°	931.6	818.9	757.9	621.9	837.7
57.5°	844.8	706.3	647.6	558.5	823.6
60°	764.9	596.0	551.4	490.4	755.6
62.5°	699.3	513.9	504.5	443.5	685.2
65°	628.9	457.6	455.2	403.6	581.9
67.5°	560.9	420.0	417.7	366.0	443.5
70°	488.0	380.2	375.4	326.2	328.5
72.5°	413.0	335.6	330.9	293.3	272.2
75°	337.9	283.9	281.6	255.7	220.6
77.5°	265.2	225.3	230.0	206.5	161.9
80°	190.0	164.3	169.0	147.9	122.0
82.5°	126.7	108.0	112.6	93.9	82.1
85°	70.4	61.0	63.3	49.3	37.6
87.5°	32.9	28.1	28.1	18.7	11.7
90°	24.2	15.5	14.4	9.9	5.5
92.5°	149.5	106.3	97.0	59.5	22.0
95°	367.5	207.0	189.9	121.4	52.8
97.5°	495.1	227.4	212.3	151.8	91.4
100°	541.6	244.5	230.8	175.9	121.1
102.5°	562.8	261.5	248.7	197.6	146.4
105°	578.6	286.8	276.0	232.7	189.4
107.5°	581.6	324.3	314.2	273.9	233.5
110°	577.1	345.2	336.0	299.6	263.2



TEST NUMBER: P934876

CATALOG NUMBER: SQ4-FA-075U-100D-940-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	577.3	370.5	361.8	327.1	292.3
115°	582.6	408.5	400.5	368.4	336.4
117.5°	593.5	445.4	438.1	409.0	379.9
120°	602.2	466.8	460.0	432.5	405.2
122.5°	614.9	492.2	485.3	457.7	430.0
125°	632.0	524.6	518.3	493.2	468.0
127.5°	649.1	556.1	549.7	524.3	498.8
130°	661.6	576.9	570.1	542.7	515.3
132.5°	671.7	594.1	587.2	559.8	532.4
135°	682.7	613.9	607.7	582.6	557.7
137.5°	699.2	639.2	633.0	608.3	583.6
140°	709.2	656.2	650.5	627.8	605.1
142.5°	717.8	668.9	663.7	642.6	621.6
145°	728.8	688.2	683.6	665.3	646.9
147.5°	744.9	712.4	708.0	690.1	672.2
150°	753.3	725.1	721.1	704.9	688.7
152.5°	758.8	733.3	730.3	718.0	705.8
155°	771.0	751.5	749.2	740.1	731.1
157.5°	783.0	769.6	767.4	758.6	749.8
160°	788.5	777.9	776.2	769.4	762.5
162.5°	794.5	786.8	785.4	780.3	775.1
165°	802.8	799.4	798.2	793.5	788.9
167.5°	809.5	806.6	806.0	803.8	801.6
170°	815.0	814.8	814.3	812.1	809.9
172.5°	815.4	815.4	815.3	814.7	814.3
175°	818.6	820.3	820.3	820.3	820.3
177.5°	819.0	820.3	820.3	820.3	820.3
180°	820.3	820.3	820.3	820.3	820.3



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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	13.72	14.63	14.64	15.56	16.76	16.56	17.47	17.48	18.40	19.60
	3H	14.20	15.02	15.13	15.96	17.18	17.91	18.72	18.84	19.67	20.89
	4H	14.40	15.16	15.34	16.11	17.35	18.36	19.13	19.30	20.08	21.31
	6H	14.52	15.23	15.47	16.18	17.43	18.65	19.36	19.60	20.31	21.56
	8H	14.52	15.19	15.48	16.16	17.41	18.73	19.40	19.69	20.37	21.62
	12H	14.49	15.13	15.46	16.10	17.37	18.77	19.41	19.73	20.37	21.64
4H	2H	14.76	15.53	15.71	16.48	17.71	16.98	17.74	17.92	18.69	19.93
	3H	15.79	16.43	16.75	17.41	18.66	18.49	19.13	19.45	20.11	21.35
	4H	16.07	16.66	17.04	17.63	18.90	19.02	19.60	19.99	20.58	21.85
	6H	16.20	16.70	17.18	17.70	18.97	19.39	19.89	20.37	20.89	22.16
	8H	16.21	16.68	17.19	17.67	18.95	19.50	19.97	20.48	20.96	22.24
	12H	16.18	16.60	17.18	17.61	18.90	19.56	19.98	20.56	20.99	22.28
8H	4H	16.53	17.00	17.51	17.99	19.28	19.15	19.62	20.13	20.61	21.89
	6H	16.79	17.18	17.80	18.21	19.50	19.59	19.98	20.59	21.01	22.29
	8H	16.84	17.18	17.85	18.20	19.50	19.74	20.08	20.76	21.10	22.41
	12H	16.82	17.12	17.84	18.14	19.49	19.84	20.14	20.86	21.16	22.51
12H	4H	16.54	16.96	17.54	17.97	19.26	19.11	19.54	20.11	20.54	21.84
	6H	16.86	17.20	17.87	18.22	19.52	19.58	19.93	20.60	20.95	22.25
	8H	16.92	17.23	17.94	18.24	19.59	19.75	20.05	20.77	21.06	22.41