

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: P935771

Luminaire Tested: SQ4-FA-125U-125D-935-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935771
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-935-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

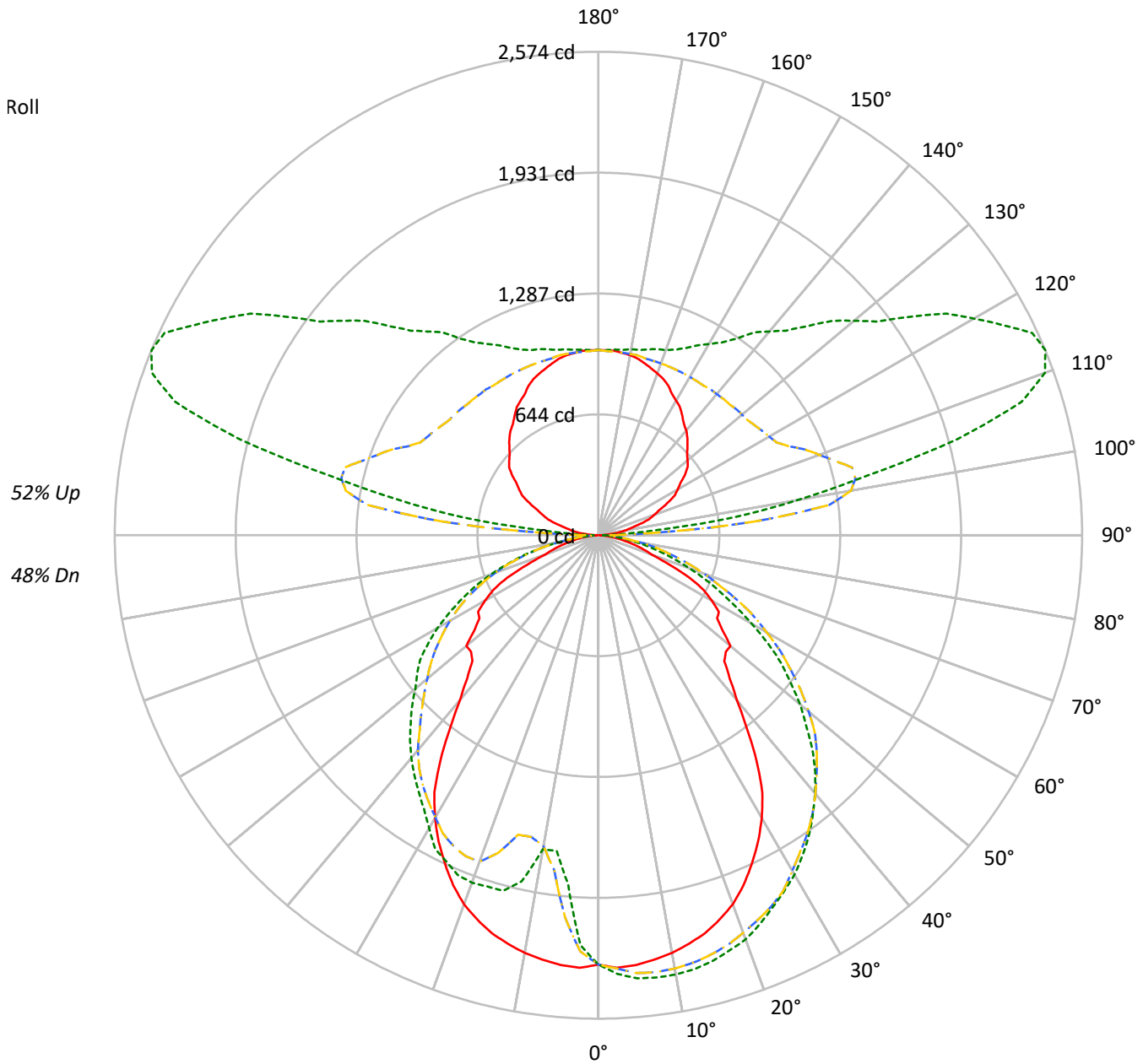
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12321.6 lumens
Efficiency: N/A
Efficacy: 109.2 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): 112.8
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

TEST NUMBER: P935771
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14140	14140	14140	14140
5°	14241	14274	14241	11223
10°	14140	14060	14140	10052
15°	13981	13756	13981	11486
20°	13683	13395	13683	11510
25°	13079	12868	13079	11266
30°	12301	12431	12301	10731
35°	10961	11879	10961	10142
40°	9128	11228	9128	9697
45°	8151	10466	8151	9186
50°	8652	9558	8652	8673
55°	8133	8579	8133	8376
60°	8373	7287	8373	7672
65°	7579	6023	7579	6733
70°	5235	4800	5235	5643
75°	4575	3548	4575	4250
80°	3662	2346	3662	2554
85°	2063	1242	2063	1056

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12500 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.3	1.7
10°-20°	585.8	4.8
20°-30°	905.6	7.3
30°-40°	1081.1	8.8
40°-50°	1087.4	8.8
50°-60°	946.2	7.7
60°-70°	670.8	5.4
70°-80°	354.9	2.9
80°-90°	92.1	0.7
90°-100°	480.6	3.9
100°-110°	1263.5	10.3
110°-120°	1310.1	10.6
120°-130°	1050.9	8.5
130°-140°	824.5	6.7
140°-150°	632.9	5.1
150°-160°	455.8	3.7
160°-170°	278.9	2.3
170°-180°	94.2	0.8
0°-30°	1697.7	13.8
0°-40°	2778.8	22.6
0°-60°	4812.3	39.1
0°-90°	5930.3	48.1
90°-120°	3054.2	24.8
90°-150°	5562.5	45.1
90°-180°	6391.0	51.9
0°-180°	12321.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2286	2286	2286	2286	2286	
5°	2297	2368	2297	1862	2297	218
15°	2193	2346	2193	1959	2193	617
25°	1931	2188	1931	1916	1931	887
35°	1468	1953	1468	1667	1468	908
45°	947	1609	947	1412	947	759
55°	772	1187	772	1159	772	709
65°	536	716	536	800	536	513
75°	203	340	203	407	203	214
85°	35	86	35	74	35	47
90°	7	25	7	25	7	7
95°	64	290	64	290	64	71
105°	228	1978	228	1978	228	241
115°	404	2548	404	2548	404	399
125°	562	2029	562	2029	562	499
135°	670	1574	670	1574	670	519
145°	777	1277	777	1277	777	487
155°	879	1100	879	1100	879	404
165°	948	1024	948	1024	948	268
175°	986	993	986	993	986	94
180°	986	986	986	986	986	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2305.2	2305.2	2318.2	2322.5	2322.5	2316.0	2309.5	2316.0	2335.5	2342.0	2339.8
5°	2296.6	2313.9	2337.6	2342.0	2346.3	2344.1	2339.8	2344.1	2365.7	2370.1	2372.2
7.5°	2279.3	2311.6	2342.0	2348.5	2354.9	2348.5	2346.3	2350.6	2372.2	2376.6	2376.6
10°	2257.6	2303.0	2337.6	2342.0	2348.5	2342.0	2342.0	2350.6	2372.2	2376.6	2378.7
12.5°	2227.4	2290.1	2322.5	2326.8	2335.5	2333.3	2331.2	2339.8	2361.4	2365.7	2365.7
15°	2192.8	2266.2	2296.6	2300.9	2316.0	2311.6	2311.6	2320.3	2344.1	2350.6	2348.5
17.5°	2145.2	2236.0	2270.6	2277.1	2287.9	2285.7	2287.9	2296.6	2318.2	2322.5	2324.7
20°	2091.1	2194.9	2236.0	2242.5	2253.3	2253.3	2253.3	2264.1	2285.7	2294.4	2294.4
22.5°	2017.6	2151.6	2194.9	2199.3	2212.2	2212.2	2216.6	2231.6	2251.2	2253.3	2253.3
25°	1931.1	2104.1	2140.8	2153.9	2166.8	2173.3	2179.8	2188.4	2194.9	2192.8	2194.9
27.5°	1840.2	2043.5	2091.1	2099.8	2117.0	2123.5	2132.2	2134.3	2136.6	2143.0	2138.7
30°	1738.6	1959.2	2030.6	2039.2	2067.3	2071.6	2063.0	2067.3	2078.1	2082.5	2086.8
32.5°	1624.0	1833.8	1967.9	1987.3	2013.3	2000.3	1998.1	2004.6	2021.9	2021.9	2026.2
35°	1468.3	1736.5	1909.5	1926.8	1946.2	1931.1	1939.7	1941.9	1952.7	1959.2	1957.0
37.5°	1297.5	1652.1	1848.9	1861.9	1877.0	1857.5	1870.6	1877.0	1885.6	1881.4	1881.4
40°	1146.1	1520.2	1777.5	1786.2	1799.2	1784.0	1797.0	1801.4	1805.6	1801.4	1799.2
42.5°	1033.6	1375.3	1701.9	1712.7	1704.0	1714.8	1719.2	1727.9	1721.3	1712.7	1712.7
45°	947.2	1336.4	1619.7	1632.7	1619.7	1637.0	1643.5	1643.5	1624.0	1619.7	1617.5
47.5°	919.1	1258.6	1537.5	1537.5	1531.0	1552.7	1563.5	1548.3	1528.8	1522.4	1522.4
50°	916.9	1172.1	1425.1	1416.4	1446.7	1472.7	1461.9	1446.7	1431.5	1407.8	1407.8
52.5°	832.6	1066.1	1280.2	1312.6	1360.2	1375.3	1358.0	1342.9	1316.9	1306.1	1297.5
55°	772.0	955.8	1148.2	1213.2	1262.9	1282.3	1249.9	1234.8	1195.9	1189.4	1185.0
57.5°	759.0	795.8	1027.2	1109.4	1169.9	1167.8	1148.2	1120.1	1087.7	1081.3	1079.1
60°	696.3	575.2	897.4	994.7	1057.4	1050.9	1033.6	1007.7	977.4	973.2	968.8
62.5°	631.4	417.4	750.4	860.7	949.3	947.2	932.0	893.1	871.5	860.7	852.0
65°	536.3	350.3	534.1	715.8	843.4	847.7	815.3	787.2	763.4	750.4	748.2
67.5°	408.7	285.4	361.2	596.8	741.8	737.4	696.3	683.3	653.1	646.6	633.6
70°	302.7	190.3	250.8	484.4	642.2	631.4	599.0	583.9	555.8	540.6	532.0
72.5°	250.8	153.5	183.8	376.2	540.6	527.6	499.5	482.2	458.5	445.5	436.8
75°	203.3	162.2	140.6	278.9	439.0	430.3	404.4	387.1	367.6	350.3	352.5
77.5°	149.2	151.4	112.5	205.4	348.1	335.2	320.0	298.5	289.8	272.5	272.5
80°	112.5	118.9	84.3	140.6	250.8	250.8	237.9	222.7	207.6	198.9	198.9
82.5°	75.7	75.7	62.7	88.7	170.8	164.4	155.7	151.4	142.7	138.4	138.4
85°	34.6	43.3	38.9	54.1	93.0	97.3	97.3	93.0	90.8	86.5	88.7
87.5°	10.8	19.4	23.8	30.2	47.5	49.8	51.9	51.9	51.9	54.1	54.1
90°	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5	25.1	25.1
92.5°	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2	125.8	120.7
95°	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4	426.8	411.6
97.5°	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8	985.3	956.5
100°	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4	1383.6	1349.2
102.5°	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1	1723.7	1694.3
105°	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4	2120.7	2104.9
107.5°	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6	2327.2	2331.0
110°	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8	2380.1	2396.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2	2346.3	2371.6
115°	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9	2231.9	2267.0
117.5°	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9	2073.8	2112.6
120°	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2	1967.2	2005.0
122.5°	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2	1860.7	1897.9
125°	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7	1719.8	1754.1
127.5°	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7	1606.6	1635.6
130°	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2	1535.1	1561.9
132.5°	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1	1474.2	1498.2
135°	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1	1388.2	1408.9
137.5°	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3	1324.7	1341.6
140°	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8	1273.7	1289.6
142.5°	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0	1238.0	1251.7
145°	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1	1184.5	1194.8
147.5°	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1	1139.5	1148.0
150°	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9	1113.6	1120.6
152.5°	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2	1093.1	1098.3
155°	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9	1068.7	1072.2
157.5°	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7	1047.4	1049.8
160°	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7	1036.9	1038.2
162.5°	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0	1026.9	1028.3
165°	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0	1011.8	1013.1
167.5°	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8	1005.1	1005.7
170°	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8	1005.1	1005.1
172.5°	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2	999.8	999.3
175°	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4	992.6	992.6
177.5°	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9	991.2	990.6
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2344.1	2337.6	2344.1	2339.8	2342.0	2335.5	2316.0	2309.5	2316.0	2322.5	2322.5
5°	2372.2	2367.9	2372.2	2372.2	2370.1	2365.7	2344.1	2339.8	2344.1	2346.3	2342.0
7.5°	2380.9	2374.4	2380.9	2376.6	2376.6	2372.2	2350.6	2346.3	2348.5	2354.9	2348.5
10°	2380.9	2374.4	2380.9	2378.7	2376.6	2372.2	2350.6	2342.0	2342.0	2348.5	2342.0
12.5°	2370.1	2365.7	2370.1	2365.7	2365.7	2361.4	2339.8	2331.2	2333.3	2335.5	2326.8
15°	2352.8	2346.3	2352.8	2348.5	2350.6	2344.1	2320.3	2311.6	2311.6	2316.0	2300.9
17.5°	2326.8	2318.2	2326.8	2324.7	2322.5	2318.2	2296.6	2287.9	2285.7	2287.9	2277.1
20°	2296.6	2290.1	2296.6	2294.4	2294.4	2285.7	2264.1	2253.3	2253.3	2253.3	2242.5
22.5°	2248.9	2242.5	2248.9	2253.3	2253.3	2251.2	2231.6	2216.6	2212.2	2212.2	2199.3
25°	2194.9	2188.4	2194.9	2194.9	2192.8	2194.9	2188.4	2179.8	2173.3	2166.8	2153.9
27.5°	2143.0	2138.7	2143.0	2138.7	2143.0	2136.6	2134.3	2132.2	2123.5	2117.0	2099.8
30°	2091.1	2086.8	2091.1	2086.8	2082.5	2078.1	2067.3	2063.0	2071.6	2067.3	2039.2
32.5°	2026.2	2021.9	2026.2	2026.2	2021.9	2021.9	2004.6	1998.1	2000.3	2013.3	1987.3
35°	1959.2	1952.7	1959.2	1957.0	1959.2	1952.7	1941.9	1939.7	1931.1	1946.2	1926.8
37.5°	1881.4	1874.8	1881.4	1881.4	1881.4	1885.6	1877.0	1870.6	1857.5	1877.0	1861.9
40°	1801.4	1792.7	1801.4	1799.2	1801.4	1805.6	1801.4	1797.0	1784.0	1799.2	1786.2
42.5°	1710.6	1708.3	1710.6	1712.7	1712.7	1721.3	1727.9	1719.2	1714.8	1704.0	1712.7
45°	1613.2	1608.9	1613.2	1617.5	1619.7	1624.0	1643.5	1643.5	1637.0	1619.7	1632.7
47.5°	1509.4	1498.6	1509.4	1522.4	1522.4	1528.8	1548.3	1563.5	1552.7	1531.0	1537.5
50°	1399.2	1401.3	1399.2	1407.8	1407.8	1431.5	1446.7	1461.9	1472.7	1446.7	1416.4
52.5°	1291.0	1288.8	1291.0	1297.5	1306.1	1316.9	1342.9	1358.0	1375.3	1360.2	1312.6
55°	1182.8	1187.2	1182.8	1185.0	1189.4	1195.9	1234.8	1249.9	1282.3	1262.9	1213.2
57.5°	1074.7	1068.2	1074.7	1079.1	1081.3	1087.7	1120.1	1148.2	1167.8	1169.9	1109.4
60°	949.3	940.7	949.3	968.8	973.2	977.4	1007.7	1033.6	1050.9	1057.4	994.7
62.5°	839.0	823.9	839.0	852.0	860.7	871.5	893.1	932.0	947.2	949.3	860.7
65°	722.2	715.8	722.2	748.2	750.4	763.4	787.2	815.3	847.7	843.4	715.8
67.5°	616.3	616.3	616.3	633.6	646.6	653.1	683.3	696.3	737.4	741.8	596.8
70°	519.0	516.8	519.0	532.0	540.6	555.8	583.9	599.0	631.4	642.2	484.4
72.5°	426.0	423.9	426.0	436.8	445.5	458.5	482.2	499.5	527.6	540.6	376.2
75°	343.9	339.5	343.9	352.5	350.3	367.6	387.1	404.4	430.3	439.0	278.9
77.5°	263.9	263.9	263.9	272.5	272.5	289.8	298.5	320.0	335.2	348.1	205.4
80°	196.8	194.6	196.8	198.9	198.9	207.6	222.7	237.9	250.8	250.8	140.6
82.5°	138.4	134.1	138.4	138.4	138.4	142.7	151.4	155.7	164.4	170.8	88.7
85°	86.5	86.5	86.5	88.7	86.5	90.8	93.0	97.3	97.3	93.0	54.1
87.5°	56.2	54.1	56.2	54.1	54.1	51.9	51.9	51.9	49.8	47.5	30.2
90°	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2	29.1	18.5
92.5°	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6	179.5	127.7
95°	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2	441.8	248.8
97.5°	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2	595.0	273.2
100°	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0	650.8	293.8
102.5°	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3	676.5	314.3
105°	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1	695.4	344.7
107.5°	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3	699.0	389.7
110°	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3	693.6	414.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3	693.9	445.3
115°	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4	700.3	491.0
117.5°	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6	713.3	535.3
120°	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9	723.9	561.1
122.5°	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8	739.1	591.5
125°	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7	759.6	630.6
127.5°	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3	780.2	668.3
130°	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6	795.1	693.4
132.5°	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7	807.3	714.0
135°	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8	820.5	737.7
137.5°	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5	840.3	768.2
140°	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5	852.4	788.7
142.5°	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9	862.6	803.9
145°	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9	875.9	827.1
147.5°	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3	895.3	856.3
150°	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7	905.4	871.4
152.5°	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9	912.1	881.4
155°	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7	926.6	903.2
157.5°	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6	941.1	925.0
160°	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8	947.8	935.0
162.5°	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2	954.8	945.5
165°	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5	965.0	960.8
167.5°	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6	972.9	969.4
170°	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8	979.5	979.3
172.5°	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3	984.0	985.9
177.5°	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3	984.4	985.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2318.2	2305.2	2305.2	2283.6	2274.9	2268.4	2257.6	2225.2	2216.6	2207.9	2220.8
5°	2337.6	2313.9	2296.6	2257.6	2225.2	2212.2	2171.2	2093.3	2041.4	2002.5	1980.8
7.5°	2342.0	2311.6	2279.3	2218.7	2140.8	2106.2	1980.8	1838.1	1799.2	1764.6	1742.9
10°	2337.6	2303.0	2257.6	2166.8	1983.0	1922.5	1797.0	1704.0	1680.2	1673.8	1680.2
12.5°	2322.5	2290.1	2227.4	2076.0	1818.7	1777.5	1704.0	1650.0	1645.6	1656.5	1714.8
15°	2296.6	2266.2	2192.8	1954.9	1727.9	1697.5	1645.6	1626.2	1650.0	1725.6	1900.8
17.5°	2270.6	2236.0	2145.2	1836.0	1658.6	1637.0	1600.2	1639.2	1773.3	1874.8	1933.3
20°	2236.0	2194.9	2091.1	1749.4	1608.9	1589.4	1572.1	1747.3	1848.9	1885.6	1918.1
22.5°	2194.9	2151.6	2017.6	1688.9	1556.9	1541.9	1552.7	1807.9	1848.9	1874.8	1902.9
25°	2140.8	2104.1	1931.1	1641.3	1515.9	1498.6	1539.6	1801.4	1825.2	1831.6	1887.9
27.5°	2091.1	2043.5	1840.2	1598.1	1466.1	1459.6	1550.5	1773.3	1790.6	1797.0	1857.5
30°	2030.6	1959.2	1738.6	1552.7	1414.2	1412.1	1552.7	1738.6	1734.3	1751.6	1812.1
32.5°	1967.9	1833.8	1624.0	1496.5	1364.6	1362.3	1537.5	1686.7	1682.4	1706.2	1751.6
35°	1909.5	1736.5	1468.3	1431.5	1301.8	1304.0	1500.8	1626.2	1628.3	1650.0	1678.1
37.5°	1848.9	1652.1	1297.5	1360.2	1241.3	1241.3	1451.0	1570.0	1565.6	1572.1	1611.0
40°	1777.5	1520.2	1146.1	1267.2	1185.0	1178.6	1390.5	1509.4	1494.2	1492.1	1546.2
42.5°	1701.9	1375.3	1033.6	1144.0	1120.1	1111.5	1316.9	1435.9	1407.8	1414.2	1483.4
45°	1619.7	1336.4	947.2	966.6	1053.2	1046.6	1236.9	1351.5	1332.1	1349.4	1420.7
47.5°	1537.5	1258.6	919.1	802.2	981.8	979.6	1148.2	1269.4	1258.6	1275.9	1351.5
50°	1425.1	1172.1	916.9	687.6	901.8	910.4	1042.3	1189.4	1189.4	1204.5	1284.5
52.5°	1280.2	1066.1	832.6	622.8	808.8	834.7	949.3	1120.1	1124.5	1139.6	1210.9
55°	1148.2	955.8	772.0	573.1	698.5	754.7	858.5	1048.8	1057.4	1072.6	1137.4
57.5°	1027.2	795.8	759.0	514.7	596.8	650.9	778.5	979.6	983.9	996.9	1059.6
60°	897.4	575.2	696.3	452.0	508.2	549.3	704.9	897.4	912.6	921.2	975.3
62.5°	750.4	417.4	631.4	408.7	464.9	473.5	644.5	819.5	839.0	845.5	878.0
65°	534.1	350.3	536.3	372.0	419.5	421.7	579.5	739.5	756.8	767.7	791.5
67.5°	361.2	285.4	408.7	337.3	384.9	387.1	516.8	646.6	670.4	679.0	694.1
70°	250.8	190.3	302.7	300.6	346.0	350.3	449.8	562.2	583.9	590.4	599.0
72.5°	183.8	153.5	250.8	270.3	304.9	309.3	380.6	467.1	488.7	495.2	499.5
75°	140.6	162.2	203.3	235.7	259.5	261.6	311.4	380.6	395.8	400.1	402.2
77.5°	112.5	151.4	149.2	190.3	211.9	207.6	244.4	294.1	307.1	307.1	307.1
80°	84.3	118.9	112.5	136.2	155.7	151.4	175.2	209.8	214.1	218.4	216.2
82.5°	62.7	75.7	75.7	86.5	103.8	99.5	116.8	136.2	136.2	136.2	140.6
85°	38.9	43.3	34.6	45.4	58.4	56.2	64.8	73.5	75.7	75.7	71.4
87.5°	23.8	19.4	10.8	17.3	26.0	26.0	30.2	32.5	30.2	30.2	30.2
90°	17.2	11.9	6.6	11.9	17.2	18.5	29.1	43.2	50.3	44.6	33.5
92.5°	116.5	71.5	26.5	71.5	116.5	127.7	179.5	248.6	283.2	248.2	178.2
95°	228.2	145.9	63.6	145.9	228.2	248.8	441.8	699.2	827.8	738.7	560.4
97.5°	255.1	182.4	109.8	182.4	255.1	273.2	595.0	1024.2	1238.7	1182.4	1069.8
100°	277.3	211.5	145.6	211.5	277.3	293.8	650.8	1127.0	1365.1	1369.2	1377.4
102.5°	299.0	237.5	176.0	237.5	299.0	314.3	676.5	1159.3	1400.8	1472.5	1616.1
105°	331.7	279.7	227.7	279.7	331.7	344.7	695.4	1163.1	1396.9	1557.7	1879.4
107.5°	377.6	329.0	280.6	329.0	377.6	389.7	699.0	1111.3	1317.4	1541.9	1990.6
110°	403.8	360.1	316.3	360.1	403.8	414.8	693.6	1065.3	1251.2	1502.1	2003.8



TEST NUMBER: P935771

CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	434.9	393.1	351.4	393.1	434.9	445.3	693.9	1025.3	1191.0	1447.7	1961.2
115°	481.4	442.8	404.3	442.8	481.4	491.0	700.3	979.4	1118.9	1366.3	1860.9
117.5°	526.5	491.6	456.6	491.6	526.5	535.3	713.3	950.6	1069.3	1292.5	1738.9
120°	552.9	520.0	487.0	520.0	552.9	561.1	723.9	940.9	1049.4	1253.4	1661.2
122.5°	583.3	550.1	516.8	550.1	583.3	591.5	739.1	935.8	1034.2	1217.9	1585.2
125°	623.0	592.7	562.4	592.7	623.0	630.6	759.6	931.7	1017.7	1173.7	1485.7
127.5°	660.6	630.1	599.5	630.1	660.6	668.3	780.2	929.3	1003.8	1137.8	1405.7
130°	685.2	652.3	619.3	652.3	685.2	693.4	795.1	930.6	998.5	1117.7	1356.2
132.5°	705.7	672.8	639.9	672.8	705.7	714.0	807.3	931.7	993.9	1100.6	1314.1
135°	730.2	700.3	670.3	700.3	730.2	737.7	820.5	930.8	985.9	1075.3	1254.1
137.5°	760.8	731.1	701.4	731.1	760.8	768.2	840.3	936.5	984.6	1060.1	1211.3
140°	781.9	754.5	727.2	754.5	781.9	788.7	852.4	937.5	980.0	1045.2	1175.8
142.5°	797.6	772.3	747.0	772.3	797.6	803.9	862.6	940.9	980.0	1037.3	1152.0
145°	821.6	799.5	777.4	799.5	821.6	827.1	875.9	940.9	973.3	1020.3	1114.1
147.5°	850.9	829.4	808.0	829.4	850.9	856.3	895.3	947.3	973.3	1010.2	1084.1
150°	866.6	847.2	827.8	847.2	866.6	871.4	905.4	950.7	973.3	1004.5	1066.9
152.5°	877.7	863.0	848.3	863.0	877.7	881.4	912.1	952.9	973.3	999.9	1053.2
155°	900.5	889.7	878.8	889.7	900.5	903.2	926.6	957.7	973.3	994.5	1036.9
157.5°	922.4	911.8	901.2	911.8	922.4	925.0	941.1	962.6	973.3	989.8	1022.7
160°	932.9	924.7	916.4	924.7	932.9	935.0	947.8	964.8	973.3	987.5	1015.7
162.5°	944.0	937.8	931.7	937.8	944.0	945.5	954.8	967.2	973.3	985.3	1009.0
165°	959.4	953.8	948.2	953.8	959.4	960.8	965.0	970.5	973.3	981.8	999.0
167.5°	968.7	966.1	963.4	966.1	968.7	969.4	972.9	977.6	980.0	985.6	996.8
170°	978.6	976.0	973.3	976.0	978.6	979.3	979.5	979.8	980.0	985.6	996.8
172.5°	979.8	979.2	978.6	979.2	979.8	980.0	980.0	980.0	980.0	984.4	993.2
175°	985.9	985.9	985.9	985.9	985.9	985.9	984.0	981.3	980.0	982.8	988.4
177.5°	985.9	985.9	985.9	985.9	985.9	985.9	984.4	982.3	981.2	983.5	987.9
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



TEST NUMBER: P935771
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2205.7	2199.3	2207.9	2184.1	2207.9	2199.3	2205.7	2220.8	2207.9	2216.6	2225.2
5°	1935.4	1924.6	1890.0	1861.9	1890.0	1924.6	1935.4	1980.8	2002.5	2041.4	2093.3
7.5°	1730.0	1721.3	1712.7	1695.4	1712.7	1721.3	1730.0	1742.9	1764.6	1799.2	1838.1
10°	1684.6	1686.7	1699.7	1697.5	1699.7	1686.7	1684.6	1680.2	1673.8	1680.2	1704.0
12.5°	1801.4	1820.8	1892.2	1887.9	1892.2	1820.8	1801.4	1714.8	1656.5	1645.6	1650.0
15°	1935.4	1941.9	1957.0	1959.2	1957.0	1941.9	1935.4	1900.8	1725.6	1650.0	1626.2
17.5°	1948.4	1950.6	1961.4	1961.4	1961.4	1950.6	1948.4	1933.3	1874.8	1773.3	1639.2
20°	1937.6	1941.9	1963.5	1967.9	1963.5	1941.9	1937.6	1918.1	1885.6	1848.9	1747.3
22.5°	1933.3	1941.9	1959.2	1957.0	1959.2	1941.9	1933.3	1902.9	1874.8	1848.9	1807.9
25°	1911.6	1911.6	1913.8	1916.0	1913.8	1911.6	1911.6	1887.9	1831.6	1825.2	1801.4
27.5°	1866.2	1870.6	1883.5	1881.4	1883.5	1870.6	1866.2	1857.5	1797.0	1790.6	1773.3
30°	1825.2	1820.8	1810.0	1801.4	1810.0	1820.8	1825.2	1812.1	1751.6	1734.3	1738.6
32.5°	1756.0	1745.2	1734.3	1727.9	1734.3	1745.2	1756.0	1751.6	1706.2	1682.4	1686.7
35°	1673.8	1675.9	1673.8	1667.3	1673.8	1675.9	1673.8	1678.1	1650.0	1628.3	1626.2
37.5°	1615.4	1619.7	1617.5	1608.9	1617.5	1619.7	1615.4	1611.0	1572.1	1565.6	1570.0
40°	1554.8	1556.9	1554.8	1548.3	1554.8	1556.9	1554.8	1546.2	1492.1	1494.2	1509.4
42.5°	1496.5	1494.2	1487.8	1483.4	1487.8	1494.2	1496.5	1483.4	1414.2	1407.8	1435.9
45°	1429.4	1431.5	1418.6	1412.1	1418.6	1431.5	1429.4	1420.7	1349.4	1332.1	1351.5
47.5°	1362.3	1362.3	1351.5	1345.1	1351.5	1362.3	1362.3	1351.5	1275.9	1258.6	1269.4
50°	1291.0	1288.8	1273.7	1271.5	1273.7	1288.8	1291.0	1284.5	1204.5	1189.4	1189.4
52.5°	1208.8	1208.8	1210.9	1215.3	1210.9	1208.8	1208.8	1210.9	1139.6	1124.5	1120.1
55°	1137.4	1139.6	1154.8	1159.1	1154.8	1139.6	1137.4	1137.4	1072.6	1057.4	1048.8
57.5°	1064.0	1064.0	1074.7	1074.7	1074.7	1064.0	1064.0	1059.6	996.9	983.9	979.6
60°	979.6	983.9	992.6	990.4	992.6	983.9	979.6	975.3	921.2	912.6	897.4
62.5°	890.9	895.3	897.4	893.1	897.4	895.3	890.9	878.0	845.5	839.0	819.5
65°	798.0	802.2	804.5	800.1	804.5	802.2	798.0	791.5	767.7	756.8	739.5
67.5°	702.8	700.6	698.5	707.2	698.5	700.6	702.8	694.1	679.0	670.4	646.6
70°	605.5	605.5	603.3	607.6	603.3	605.5	605.5	599.0	590.4	583.9	562.2
72.5°	501.7	499.5	508.2	501.7	508.2	499.5	501.7	499.5	495.2	488.7	467.1
75°	400.1	404.4	400.1	406.6	400.1	404.4	400.1	402.2	400.1	395.8	380.6
77.5°	304.9	309.3	304.9	304.9	304.9	309.3	304.9	307.1	307.1	307.1	294.1
80°	216.2	214.1	214.1	211.9	214.1	214.1	216.2	216.2	218.4	214.1	209.8
82.5°	138.4	136.2	136.2	140.6	136.2	136.2	138.4	140.6	136.2	136.2	136.2
85°	75.7	77.9	73.5	73.5	73.5	77.9	75.7	71.4	75.7	75.7	73.5
87.5°	28.1	26.0	26.0	26.0	26.0	26.0	28.1	30.2	30.2	30.2	32.5
90°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	33.5	44.6	50.3	43.2
92.5°	125.8	120.7	100.7	80.7	100.7	120.7	125.8	178.2	248.2	283.2	248.6
95°	426.8	411.6	351.0	290.4	351.0	411.6	426.8	560.4	738.7	827.8	699.2
97.5°	985.3	956.5	841.2	725.9	841.2	956.5	985.3	1069.8	1182.4	1238.7	1024.2
100°	1383.6	1349.2	1212.0	1074.6	1212.0	1349.2	1383.6	1377.4	1369.2	1365.1	1127.0
102.5°	1723.7	1694.3	1576.6	1459.0	1576.6	1694.3	1723.7	1616.1	1472.5	1400.8	1159.3
105°	2120.7	2104.9	2041.6	1978.4	2041.6	2104.9	2120.7	1879.4	1557.7	1396.9	1163.1
107.5°	2327.2	2331.0	2346.2	2361.6	2346.2	2331.0	2327.2	1990.6	1541.9	1317.4	1111.3
110°	2380.1	2396.6	2462.5	2528.3	2462.5	2396.6	2380.1	2003.8	1502.1	1251.2	1065.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2346.3	2371.6	2472.8	2574.0	2472.8	2371.6	2346.3	1961.2	1447.7	1191.0	1025.3
115°	2231.9	2267.0	2407.2	2547.5	2407.2	2267.0	2231.9	1860.9	1366.3	1118.9	979.4
117.5°	2073.8	2112.6	2268.2	2423.8	2268.2	2112.6	2073.8	1738.9	1292.5	1069.3	950.6
120°	1967.2	2005.0	2156.2	2307.3	2156.2	2005.0	1967.2	1661.2	1253.4	1049.4	940.9
122.5°	1860.7	1897.9	2047.0	2196.1	2047.0	1897.9	1860.7	1585.2	1217.9	1034.2	935.8
125°	1719.8	1754.1	1891.4	2028.8	1891.4	1754.1	1719.8	1485.7	1173.7	1017.7	931.7
127.5°	1606.6	1635.6	1751.5	1867.3	1751.5	1635.6	1606.6	1405.7	1137.8	1003.8	929.3
130°	1535.1	1561.9	1669.0	1776.0	1669.0	1561.9	1535.1	1356.2	1117.7	998.5	930.6
132.5°	1474.2	1498.2	1594.1	1689.9	1594.1	1498.2	1474.2	1314.1	1100.6	993.9	931.7
135°	1388.2	1408.9	1491.5	1574.2	1491.5	1408.9	1388.2	1254.1	1075.3	985.9	930.8
137.5°	1324.7	1341.6	1409.2	1476.9	1409.2	1341.6	1324.7	1211.3	1060.1	984.6	936.5
140°	1273.7	1289.6	1352.8	1416.0	1352.8	1289.6	1273.7	1175.8	1045.2	980.0	937.5
142.5°	1238.0	1251.7	1306.0	1360.5	1306.0	1251.7	1238.0	1152.0	1037.3	980.0	940.9
145°	1184.5	1194.8	1235.9	1277.1	1235.9	1194.8	1184.5	1114.1	1020.3	973.3	940.9
147.5°	1139.5	1148.0	1182.1	1216.2	1182.1	1148.0	1139.5	1084.1	1010.2	973.3	947.3
150°	1113.6	1120.6	1148.2	1175.8	1148.2	1120.6	1113.6	1066.9	1004.5	973.3	950.7
152.5°	1093.1	1098.3	1119.2	1140.1	1119.2	1098.3	1093.1	1053.2	999.9	973.3	952.9
155°	1068.7	1072.2	1086.0	1099.8	1086.0	1072.2	1068.7	1036.9	994.5	973.3	957.7
157.5°	1047.4	1049.8	1059.5	1069.3	1059.5	1049.8	1047.4	1022.7	989.8	973.3	962.6
160°	1036.9	1038.2	1043.9	1049.4	1043.9	1038.2	1036.9	1015.7	987.5	973.3	964.8
162.5°	1026.9	1028.3	1033.6	1038.8	1033.6	1028.3	1026.9	1009.0	985.3	973.3	967.2
165°	1011.8	1013.1	1018.7	1024.3	1018.7	1013.1	1011.8	999.0	981.8	973.3	970.5
167.5°	1005.1	1005.7	1008.0	1010.4	1008.0	1005.7	1005.1	996.8	985.6	980.0	977.6
170°	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	1005.1	996.8	985.6	980.0	979.8
172.5°	999.8	999.3	997.3	995.2	997.3	999.3	999.8	993.2	984.4	980.0	980.0
175°	992.6	992.6	992.6	992.6	992.6	992.6	992.6	988.4	982.8	980.0	981.3
177.5°	991.2	990.6	988.3	985.9	988.3	990.6	991.2	987.9	983.5	981.2	982.3
180°	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9	985.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2285.7	2285.7	2285.7	2285.7	2285.7
2.5°	2257.6	2268.4	2274.9	2283.6	2305.2
5°	2171.2	2212.2	2225.2	2257.6	2296.6
7.5°	1980.8	2106.2	2140.8	2218.7	2279.3
10°	1797.0	1922.5	1983.0	2166.8	2257.6
12.5°	1704.0	1777.5	1818.7	2076.0	2227.4
15°	1645.6	1697.5	1727.9	1954.9	2192.8
17.5°	1600.2	1637.0	1658.6	1836.0	2145.2
20°	1572.1	1589.4	1608.9	1749.4	2091.1
22.5°	1552.7	1541.9	1556.9	1688.9	2017.6
25°	1539.6	1498.6	1515.9	1641.3	1931.1
27.5°	1550.5	1459.6	1466.1	1598.1	1840.2
30°	1552.7	1412.1	1414.2	1552.7	1738.6
32.5°	1537.5	1362.3	1364.6	1496.5	1624.0
35°	1500.8	1304.0	1301.8	1431.5	1468.3
37.5°	1451.0	1241.3	1241.3	1360.2	1297.5
40°	1390.5	1178.6	1185.0	1267.2	1146.1
42.5°	1316.9	1111.5	1120.1	1144.0	1033.6
45°	1236.9	1046.6	1053.2	966.6	947.2
47.5°	1148.2	979.6	981.8	802.2	919.1
50°	1042.3	910.4	901.8	687.6	916.9
52.5°	949.3	834.7	808.8	622.8	832.6
55°	858.5	754.7	698.5	573.1	772.0
57.5°	778.5	650.9	596.8	514.7	759.0
60°	704.9	549.3	508.2	452.0	696.3
62.5°	644.5	473.5	464.9	408.7	631.4
65°	579.5	421.7	419.5	372.0	536.3
67.5°	516.8	387.1	384.9	337.3	408.7
70°	449.8	350.3	346.0	300.6	302.7
72.5°	380.6	309.3	304.9	270.3	250.8
75°	311.4	261.6	259.5	235.7	203.3
77.5°	244.4	207.6	211.9	190.3	149.2
80°	175.2	151.4	155.7	136.2	112.5
82.5°	116.8	99.5	103.8	86.5	75.7
85°	64.8	56.2	58.4	45.4	34.6
87.5°	30.2	26.0	26.0	17.3	10.8
90°	29.1	18.5	17.2	11.9	6.6
92.5°	179.5	127.7	116.5	71.5	26.5
95°	441.8	248.8	228.2	145.9	63.6
97.5°	595.0	273.2	255.1	182.4	109.8
100°	650.8	293.8	277.3	211.5	145.6
102.5°	676.5	314.3	299.0	237.5	176.0
105°	695.4	344.7	331.7	279.7	227.7
107.5°	699.0	389.7	377.6	329.0	280.6
110°	693.6	414.8	403.8	360.1	316.3



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CATALOG NUMBER: SQ4-FA-125U-125D-935-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	693.9	445.3	434.9	393.1	351.4
115°	700.3	491.0	481.4	442.8	404.3
117.5°	713.3	535.3	526.5	491.6	456.6
120°	723.9	561.1	552.9	520.0	487.0
122.5°	739.1	591.5	583.3	550.1	516.8
125°	759.6	630.6	623.0	592.7	562.4
127.5°	780.2	668.3	660.6	630.1	599.5
130°	795.1	693.4	685.2	652.3	619.3
132.5°	807.3	714.0	705.7	672.8	639.9
135°	820.5	737.7	730.2	700.3	670.3
137.5°	840.3	768.2	760.8	731.1	701.4
140°	852.4	788.7	781.9	754.5	727.2
142.5°	862.6	803.9	797.6	772.3	747.0
145°	875.9	827.1	821.6	799.5	777.4
147.5°	895.3	856.3	850.9	829.4	808.0
150°	905.4	871.4	866.6	847.2	827.8
152.5°	912.1	881.4	877.7	863.0	848.3
155°	926.6	903.2	900.5	889.7	878.8
157.5°	941.1	925.0	922.4	911.8	901.2
160°	947.8	935.0	932.9	924.7	916.4
162.5°	954.8	945.5	944.0	937.8	931.7
165°	965.0	960.8	959.4	953.8	948.2
167.5°	972.9	969.4	968.7	966.1	963.4
170°	979.5	979.3	978.6	976.0	973.3
172.5°	980.0	980.0	979.8	979.2	978.6
175°	984.0	985.9	985.9	985.9	985.9
177.5°	984.4	985.9	985.9	985.9	985.9
180°	985.9	985.9	985.9	985.9	985.9



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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	13.83	14.68	14.80	15.66	16.96	16.65	17.50	17.63	18.49	19.78
	3H	14.31	15.06	15.29	16.06	17.38	18.00	18.75	18.98	19.75	21.07
	4H	14.50	15.21	15.49	16.21	17.54	18.44	19.16	19.44	20.16	21.48
	6H	14.61	15.27	15.62	16.28	17.62	18.72	19.38	19.73	20.39	21.73
	8H	14.62	15.24	15.63	16.26	17.60	18.80	19.42	19.81	20.44	21.78
	12H	14.59	15.18	15.61	16.20	17.56	18.83	19.43	19.85	20.44	21.81
4H	2H	14.86	15.58	15.86	16.58	17.90	17.06	17.78	18.07	18.78	20.11
	3H	15.89	16.48	16.90	17.51	18.85	18.57	19.16	19.58	20.19	21.53
	4H	16.16	16.71	17.18	17.73	19.09	19.09	19.64	20.11	20.66	22.02
	6H	16.28	16.75	17.32	17.80	19.16	19.45	19.92	20.49	20.97	22.33
	8H	16.29	16.73	17.32	17.77	19.14	19.56	20.00	20.59	21.04	22.41
	12H	16.26	16.65	17.31	17.70	19.09	19.61	20.01	20.67	21.06	22.44
8H	4H	16.61	17.05	17.64	18.09	19.46	19.21	19.65	20.25	20.69	22.07
	6H	16.87	17.24	17.93	18.31	19.69	19.65	20.01	20.71	21.09	22.46
	8H	16.92	17.23	17.98	18.30	19.69	19.80	20.12	20.86	21.18	22.57
	12H	16.90	17.18	17.97	18.24	19.67	19.90	20.18	20.96	21.24	22.67
12H	4H	16.62	17.01	17.67	18.07	19.45	19.18	19.57	20.23	20.63	22.01
	6H	16.93	17.25	18.00	18.32	19.71	19.65	19.97	20.71	21.03	22.42
	8H	17.00	17.28	18.07	18.34	19.77	19.81	20.09	20.87	21.14	22.58