

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: P935652

Luminaire Tested: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935652
REPORT IS A COMBINATION OF REPORTS P933764 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

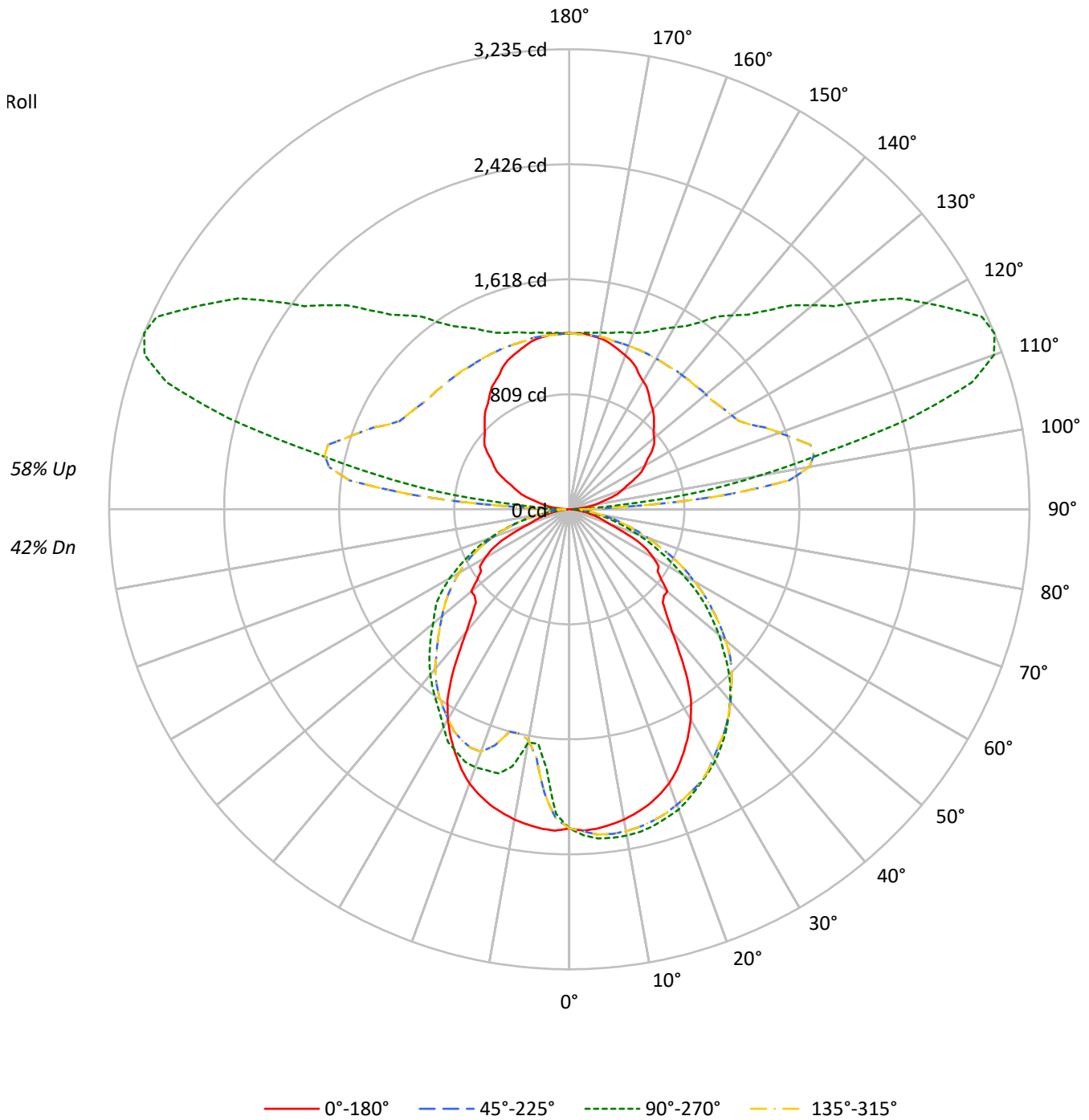
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13851.8 lumens
Efficiency: N/A
Efficacy: 107.5 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): 128.8
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: P935652
CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10406	10406	10406	10406
5°	10484	10504	10484	8260
10°	10413	10347	10413	7398
15°	10300	10123	10300	8453
20°	10085	9858	10085	8471
25°	9644	9470	9644	8291
30°	9074	9148	9074	7897
35°	8089	8742	8089	7464
40°	6741	8263	6741	7137
45°	6023	7702	6023	6760
50°	6399	7034	6399	6383
55°	6021	6314	6021	6165
60°	6206	5362	6206	5646
65°	5626	4433	5626	4955
70°	3895	3533	3895	4153
75°	3417	2612	3417	3127
80°	2752	1727	2752	1880
85°	1584	915	1584	777

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9231 cd/sqm



TEST NUMBER: P935652

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.5	1.5
10°-20°	574.8	4.1
20°-30°	888.6	6.4
30°-40°	1060.8	7.7
40°-50°	1067.0	7.7
50°-60°	928.4	6.7
60°-70°	658.3	4.8
70°-80°	348.3	2.5
80°-90°	91.5	0.7
90°-100°	603.9	4.4
100°-110°	1587.8	11.5
110°-120°	1646.3	11.9
120°-130°	1320.6	9.5
130°-140°	1036.2	7.5
140°-150°	795.3	5.7
150°-160°	572.7	4.1
160°-170°	350.4	2.5
170°-180°	118.4	0.9
0°-30°	1665.9	12.0
0°-40°	2726.7	19.7
0°-60°	4722.1	34.1
0°-90°	5820.1	42.0
90°-120°	3838.1	27.7
90°-150°	6990.1	50.5
90°-180°	8032.0	58.0
0°-180°	13851.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2243	2243	2243	2243	2243	
5°	2254	2324	2254	1827	2254	214
15°	2152	2302	2152	1922	2152	605
25°	1895	2147	1895	1880	1895	870
35°	1441	1916	1441	1636	1441	891
45°	929	1579	929	1386	929	744
55°	758	1165	758	1137	758	696
65°	526	702	526	785	526	503
75°	200	333	200	399	200	210
85°	34	85	34	72	34	46
90°	8	32	8	32	8	8
95°	80	365	80	365	80	89
105°	286	2486	286	2486	286	303
115°	508	3201	508	3201	508	502
125°	707	2549	707	2549	707	628
135°	842	1978	842	1978	842	652
145°	977	1605	977	1605	977	612
155°	1104	1382	1104	1382	1104	507
165°	1192	1287	1192	1287	1192	336
175°	1239	1247	1239	1247	1239	118
180°	1239	1239	1239	1239	1239	



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2262.0	2262.0	2274.7	2278.9	2278.9	2272.6	2266.2	2272.6	2291.7	2298.0	2295.9
5°	2253.5	2270.4	2293.8	2298.0	2302.3	2300.1	2295.9	2300.1	2321.4	2325.6	2327.7
7.5°	2236.5	2268.3	2298.0	2304.4	2310.8	2304.4	2302.3	2306.5	2327.7	2332.0	2332.0
10°	2215.2	2259.8	2293.8	2298.0	2304.4	2298.0	2298.0	2306.5	2327.7	2332.0	2334.1
12.5°	2185.5	2247.1	2278.9	2283.2	2291.7	2289.5	2287.4	2295.9	2317.1	2321.4	2321.4
15°	2151.6	2223.7	2253.5	2257.7	2272.6	2268.3	2268.3	2276.8	2300.1	2306.5	2304.4
17.5°	2104.9	2194.0	2228.0	2234.3	2244.9	2242.9	2244.9	2253.5	2274.7	2278.9	2281.1
20°	2051.9	2153.7	2194.0	2200.4	2211.1	2211.1	2211.1	2221.7	2242.9	2251.4	2251.4
22.5°	1979.7	2111.3	2153.7	2158.0	2170.7	2170.7	2174.9	2189.8	2208.9	2211.1	2211.1
25°	1894.8	2064.6	2100.6	2113.4	2126.2	2132.5	2138.9	2147.4	2153.7	2151.6	2153.7
27.5°	1805.7	2005.2	2051.9	2060.3	2077.4	2083.7	2092.2	2094.3	2096.5	2102.8	2098.6
30°	1706.0	1922.5	1992.5	2001.0	2028.5	2032.8	2024.3	2028.5	2039.1	2043.4	2047.6
32.5°	1593.6	1799.4	1931.0	1950.0	1975.5	1962.8	1960.6	1967.0	1984.0	1984.0	1988.2
35°	1440.7	1703.9	1873.6	1890.6	1909.7	1894.8	1903.4	1905.4	1916.1	1922.5	1920.3
37.5°	1273.2	1621.1	1814.2	1827.0	1841.8	1822.7	1835.4	1841.8	1850.3	1846.1	1846.1
40°	1124.6	1491.7	1744.2	1752.7	1765.4	1750.5	1763.3	1767.6	1771.8	1767.6	1765.4
42.5°	1014.3	1349.5	1669.9	1680.5	1672.1	1682.7	1686.9	1695.4	1689.0	1680.5	1680.5
45°	929.4	1311.3	1589.3	1602.1	1589.3	1606.3	1612.7	1612.7	1593.6	1589.3	1587.2
47.5°	901.8	1234.9	1508.7	1508.7	1502.3	1523.5	1534.1	1519.3	1500.2	1493.8	1493.8
50°	899.7	1150.1	1398.3	1389.8	1419.5	1445.0	1434.4	1419.5	1404.7	1381.3	1381.3
52.5°	817.0	1046.1	1256.1	1288.0	1334.7	1349.5	1332.6	1317.7	1292.3	1281.7	1273.2
55°	757.6	937.9	1126.8	1190.4	1239.2	1258.3	1226.4	1211.6	1173.4	1167.1	1162.8
57.5°	744.8	780.8	1007.9	1088.5	1148.0	1145.8	1126.8	1099.1	1067.3	1060.9	1058.8
60°	683.3	564.4	880.6	976.0	1037.6	1031.2	1014.3	988.8	959.1	954.8	950.6
62.5°	619.6	409.5	736.3	844.5	931.5	929.4	914.5	876.3	855.1	844.5	836.0
65°	526.2	343.8	524.1	702.4	827.6	831.7	799.9	772.4	749.0	736.3	734.2
67.5°	401.0	280.1	354.4	585.6	727.8	723.6	683.3	670.5	640.8	634.5	621.7
70°	297.0	186.7	246.1	475.3	630.2	619.6	587.8	572.9	545.3	530.5	522.0
72.5°	246.1	150.6	180.4	369.2	530.5	517.8	490.2	473.2	449.8	437.1	428.6
75°	199.5	159.2	138.0	273.7	430.7	422.3	396.8	379.8	360.7	343.8	345.9
77.5°	146.4	148.6	110.3	201.6	341.6	328.9	314.1	292.9	284.3	267.4	267.4
80°	110.3	116.7	82.8	138.0	246.1	246.1	233.4	218.6	203.7	195.2	195.2
82.5°	74.3	74.3	61.5	87.0	167.7	161.2	152.8	148.6	140.0	135.8	135.8
85°	34.0	42.4	38.2	53.1	91.2	95.5	95.5	91.2	89.1	84.9	87.0
87.5°	10.6	19.1	23.4	29.7	46.7	48.8	50.9	50.9	50.9	53.1	53.1
90°	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1	31.6	31.6
92.5°	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0	158.0	151.7
95°	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3	536.3	517.3
97.5°	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3	1238.1	1201.9
100°	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9	1738.7	1695.6
102.5°	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9	2166.1	2129.2
105°	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8	2665.0	2645.2
107.5°	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5	2924.4	2929.3
110°	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1	2990.9	3011.7



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	441.6	494.0	546.5	559.6	872.0	1288.5	1496.7	1819.4	2464.6	2948.5	2980.3
115°	508.1	556.5	604.8	616.9	880.0	1230.8	1406.1	1716.9	2338.5	2804.7	2848.8
117.5°	573.7	617.7	661.7	672.7	896.4	1194.6	1343.7	1624.2	2185.2	2606.0	2654.9
120°	612.0	653.4	694.8	705.1	909.6	1182.4	1318.8	1575.1	2087.6	2472.1	2519.6
122.5°	649.4	691.1	732.9	743.3	928.7	1176.0	1299.7	1530.4	1992.1	2338.3	2385.1
125°	706.8	744.9	782.9	792.4	954.5	1170.8	1278.9	1475.0	1867.1	2161.1	2204.2
127.5°	753.4	791.8	830.2	839.9	980.4	1167.7	1261.4	1429.7	1766.4	2018.9	2055.3
130°	778.3	819.7	861.1	871.4	999.2	1169.6	1254.8	1404.6	1704.4	1929.1	1962.8
132.5°	804.0	845.5	886.8	897.2	1014.4	1170.8	1248.9	1383.1	1651.4	1852.6	1882.7
135°	842.3	880.0	917.7	927.1	1031.1	1169.6	1238.9	1351.3	1576.0	1744.5	1770.5
137.5°	881.4	918.7	956.1	965.4	1056.0	1176.9	1237.3	1332.3	1522.2	1664.7	1686.0
140°	913.8	948.2	982.6	991.1	1071.3	1178.1	1231.5	1313.5	1477.6	1600.7	1620.5
142.5°	938.8	970.6	1002.3	1010.3	1084.0	1182.3	1231.5	1303.5	1447.6	1555.7	1572.8
145°	977.0	1004.7	1032.5	1039.4	1100.7	1182.3	1223.1	1282.1	1400.0	1488.4	1501.4
147.5°	1015.3	1042.3	1069.3	1076.0	1125.1	1190.4	1223.1	1269.5	1362.3	1431.9	1442.6
150°	1040.2	1064.6	1089.0	1095.1	1137.8	1194.7	1223.1	1262.3	1340.7	1399.5	1408.1
152.5°	1066.0	1084.5	1102.9	1107.6	1146.1	1197.4	1223.1	1256.6	1323.5	1373.7	1380.3
155°	1104.3	1117.9	1131.6	1135.0	1164.4	1203.5	1223.1	1249.8	1303.0	1342.9	1347.3
157.5°	1132.6	1145.8	1159.1	1162.4	1182.7	1209.6	1223.1	1243.8	1285.2	1316.3	1319.3
160°	1151.7	1162.0	1172.4	1174.9	1191.0	1212.4	1223.1	1240.9	1276.4	1302.9	1304.7
162.5°	1170.8	1178.5	1186.3	1188.2	1199.8	1215.3	1223.1	1238.1	1268.0	1290.5	1292.2
165°	1191.6	1198.6	1205.6	1207.4	1212.6	1219.6	1223.1	1233.9	1255.3	1271.4	1273.2
167.5°	1210.7	1214.0	1217.3	1218.2	1222.6	1228.5	1231.5	1238.5	1252.5	1263.0	1263.8
170°	1223.1	1226.5	1229.9	1230.7	1230.9	1231.3	1231.5	1238.5	1252.5	1263.0	1263.0
172.5°	1229.8	1230.5	1231.3	1231.5	1231.5	1231.5	1231.5	1237.0	1248.1	1256.5	1255.8
175°	1238.9	1238.9	1238.9	1238.9	1236.5	1233.2	1231.5	1235.0	1242.0	1247.3	1247.3
177.5°	1238.9	1238.9	1238.9	1238.9	1237.0	1234.5	1233.2	1235.9	1241.4	1245.6	1244.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2300.1	2293.8	2300.1	2295.9	2298.0	2291.7	2272.6	2266.2	2272.6	2278.9	2278.9
5°	2327.7	2323.5	2327.7	2327.7	2325.6	2321.4	2300.1	2295.9	2300.1	2302.3	2298.0
7.5°	2336.2	2329.8	2336.2	2332.0	2332.0	2327.7	2306.5	2302.3	2304.4	2310.8	2304.4
10°	2336.2	2329.8	2336.2	2334.1	2332.0	2327.7	2306.5	2298.0	2298.0	2304.4	2298.0
12.5°	2325.6	2321.4	2325.6	2321.4	2321.4	2317.1	2295.9	2287.4	2289.5	2291.7	2283.2
15°	2308.6	2302.3	2308.6	2304.4	2306.5	2300.1	2276.8	2268.3	2268.3	2272.6	2257.7
17.5°	2283.2	2274.7	2283.2	2281.1	2278.9	2274.7	2253.5	2244.9	2242.9	2244.9	2234.3
20°	2253.5	2247.1	2253.5	2251.4	2251.4	2242.9	2221.7	2211.1	2211.1	2211.1	2200.4
22.5°	2206.8	2200.4	2206.8	2211.1	2211.1	2208.9	2189.8	2174.9	2170.7	2170.7	2158.0
25°	2153.7	2147.4	2153.7	2153.7	2151.6	2153.7	2147.4	2138.9	2132.5	2126.2	2113.4
27.5°	2102.8	2098.6	2102.8	2098.6	2102.8	2096.5	2094.3	2092.2	2083.7	2077.4	2060.3
30°	2051.9	2047.6	2051.9	2047.6	2043.4	2039.1	2028.5	2024.3	2032.8	2028.5	2001.0
32.5°	1988.2	1984.0	1988.2	1988.2	1984.0	1984.0	1967.0	1960.6	1962.8	1975.5	1950.0
35°	1922.5	1916.1	1922.5	1920.3	1922.5	1916.1	1905.4	1903.4	1894.8	1909.7	1890.6
37.5°	1846.1	1839.7	1846.1	1846.1	1846.1	1850.3	1841.8	1835.4	1822.7	1841.8	1827.0
40°	1767.6	1759.1	1767.6	1765.4	1767.6	1771.8	1767.6	1763.3	1750.5	1765.4	1752.7
42.5°	1678.4	1676.3	1678.4	1680.5	1680.5	1689.0	1695.4	1686.9	1682.7	1672.1	1680.5
45°	1583.0	1578.7	1583.0	1587.2	1589.3	1593.6	1612.7	1612.7	1606.3	1589.3	1602.1
47.5°	1481.1	1470.5	1481.1	1493.8	1493.8	1500.2	1519.3	1534.1	1523.5	1502.3	1508.7
50°	1372.9	1375.0	1372.9	1381.3	1381.3	1404.7	1419.5	1434.4	1445.0	1419.5	1389.8
52.5°	1266.8	1264.6	1266.8	1273.2	1281.7	1292.3	1317.7	1332.6	1349.5	1334.7	1288.0
55°	1160.7	1164.9	1160.7	1162.8	1167.1	1173.4	1211.6	1226.4	1258.3	1239.2	1190.4
57.5°	1054.6	1048.2	1054.6	1058.8	1060.9	1067.3	1099.1	1126.8	1145.8	1148.0	1088.5
60°	931.5	923.0	931.5	950.6	954.8	959.1	988.8	1014.3	1031.2	1037.6	976.0
62.5°	823.3	808.5	823.3	836.0	844.5	855.1	876.3	914.5	929.4	931.5	844.5
65°	708.7	702.4	708.7	734.2	736.3	749.0	772.4	799.9	831.7	827.6	702.4
67.5°	604.7	604.7	604.7	621.7	634.5	640.8	670.5	683.3	723.6	727.8	585.6
70°	509.3	507.2	509.3	522.0	530.5	545.3	572.9	587.8	619.6	630.2	475.3
72.5°	418.0	415.9	418.0	428.6	437.1	449.8	473.2	490.2	517.8	530.5	369.2
75°	337.4	333.2	337.4	345.9	343.8	360.7	379.8	396.8	422.3	430.7	273.7
77.5°	258.9	258.9	258.9	267.4	267.4	284.3	292.9	314.1	328.9	341.6	201.6
80°	193.1	191.0	193.1	195.2	195.2	203.7	218.6	233.4	246.1	246.1	138.0
82.5°	135.8	131.5	135.8	135.8	135.8	140.0	148.6	152.8	161.2	167.7	87.0
85°	84.9	84.9	84.9	87.0	84.9	89.1	91.2	95.5	95.5	91.2	53.1
87.5°	55.2	53.1	55.2	53.1	53.1	50.9	50.9	50.9	48.8	46.7	29.7
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4	36.6	23.3
92.5°	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4	225.6	160.5
95°	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6	555.2	312.7
97.5°	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0	747.8	343.4
100°	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3	817.9	369.2
102.5°	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0	850.1	395.0
105°	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5	873.9	433.2
107.5°	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5	878.3	489.7
110°	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8	871.7	521.4



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3107.4	3234.6	3107.4	2980.3	2948.5	2464.6	1819.4	1496.7	1288.5	872.0	559.6
115°	3025.1	3201.3	3025.1	2848.8	2804.7	2338.5	1716.9	1406.1	1230.8	880.0	616.9
117.5°	2850.3	3045.9	2850.3	2654.9	2606.0	2185.2	1624.2	1343.7	1194.6	896.4	672.7
120°	2709.6	2899.5	2709.6	2519.6	2472.1	2087.6	1575.1	1318.8	1182.4	909.6	705.1
122.5°	2572.5	2759.8	2572.5	2385.1	2338.3	1992.1	1530.4	1299.7	1176.0	928.7	743.3
125°	2376.9	2549.4	2376.9	2204.2	2161.1	1867.1	1475.0	1278.9	1170.8	954.5	792.4
127.5°	2200.9	2346.5	2200.9	2055.3	2018.9	1766.4	1429.7	1261.4	1167.7	980.4	839.9
130°	2097.3	2231.8	2097.3	1962.8	1929.1	1704.4	1404.6	1254.8	1169.6	999.2	871.4
132.5°	2003.2	2123.7	2003.2	1882.7	1852.6	1651.4	1383.1	1248.9	1170.8	1014.4	897.2
135°	1874.4	1978.2	1874.4	1770.5	1744.5	1576.0	1351.3	1238.9	1169.6	1031.1	927.1
137.5°	1770.9	1856.0	1770.9	1686.0	1664.7	1522.2	1332.3	1237.3	1176.9	1056.0	965.4
140°	1700.0	1779.4	1700.0	1620.5	1600.7	1477.6	1313.5	1231.5	1178.1	1071.3	991.1
142.5°	1641.2	1709.6	1641.2	1572.8	1555.7	1447.6	1303.5	1231.5	1182.3	1084.0	1010.3
145°	1553.1	1604.8	1553.1	1501.4	1488.4	1400.0	1282.1	1223.1	1182.3	1100.7	1039.4
147.5°	1485.5	1528.3	1485.5	1442.6	1431.9	1362.3	1269.5	1223.1	1190.4	1125.1	1076.0
150°	1442.9	1477.6	1442.9	1408.1	1399.5	1340.7	1262.3	1223.1	1194.7	1137.8	1095.1
152.5°	1406.5	1432.7	1406.5	1380.3	1373.7	1323.5	1256.6	1223.1	1197.4	1146.1	1107.6
155°	1364.6	1382.0	1364.6	1347.3	1342.9	1303.0	1249.8	1223.1	1203.5	1164.4	1135.0
157.5°	1331.5	1343.7	1331.5	1319.3	1316.3	1285.2	1243.8	1223.1	1209.6	1182.7	1162.4
160°	1311.7	1318.8	1311.7	1304.7	1302.9	1276.4	1240.9	1223.1	1212.4	1191.0	1174.9
162.5°	1298.9	1305.5	1298.9	1292.2	1290.5	1268.0	1238.1	1223.1	1215.3	1199.8	1188.2
165°	1280.1	1287.2	1280.1	1273.2	1271.4	1255.3	1233.9	1223.1	1219.6	1212.6	1207.4
167.5°	1266.7	1269.7	1266.7	1263.8	1263.0	1252.5	1238.5	1231.5	1228.5	1222.6	1218.2
170°	1263.0	1263.0	1263.0	1263.0	1263.0	1252.5	1238.5	1231.5	1231.3	1230.9	1230.7
172.5°	1253.2	1250.6	1253.2	1255.8	1256.5	1248.1	1237.0	1231.5	1231.5	1231.5	1231.5
175°	1247.3	1247.3	1247.3	1247.3	1247.3	1242.0	1235.0	1231.5	1233.2	1236.5	1238.9
177.5°	1241.9	1238.9	1241.9	1244.9	1245.6	1241.4	1235.9	1233.2	1234.5	1237.0	1238.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2274.7	2262.0	2262.0	2240.8	2232.3	2225.9	2215.2	2183.4	2174.9	2166.5	2179.2
5°	2293.8	2270.4	2253.5	2215.2	2183.4	2170.7	2130.4	2054.0	2003.1	1964.9	1943.7
7.5°	2298.0	2268.3	2236.5	2177.1	2100.6	2066.8	1943.7	1803.6	1765.4	1731.5	1710.2
10°	2293.8	2259.8	2215.2	2126.2	1945.7	1886.4	1763.3	1672.1	1648.7	1642.4	1648.7
12.5°	2278.9	2247.1	2185.5	2037.1	1784.5	1744.2	1672.1	1619.0	1614.8	1625.4	1682.7
15°	2253.5	2223.7	2151.6	1918.2	1695.4	1665.7	1614.8	1595.6	1619.0	1693.3	1865.1
17.5°	2228.0	2194.0	2104.9	1801.5	1627.5	1606.3	1570.2	1608.4	1739.9	1839.7	1897.0
20°	2194.0	2153.7	2051.9	1716.7	1578.7	1559.6	1542.6	1714.5	1814.2	1850.3	1882.2
22.5°	2153.7	2111.3	1979.7	1657.2	1527.8	1512.9	1523.5	1773.9	1814.2	1839.7	1867.3
25°	2100.6	2064.6	1894.8	1610.5	1487.5	1470.5	1510.8	1767.6	1790.9	1797.3	1852.4
27.5°	2051.9	2005.2	1805.7	1568.1	1438.7	1432.3	1521.4	1739.9	1757.0	1763.3	1822.7
30°	1992.5	1922.5	1706.0	1523.5	1387.7	1385.6	1523.5	1706.0	1701.8	1718.7	1778.2
32.5°	1931.0	1799.4	1593.6	1468.4	1338.9	1336.8	1508.7	1655.1	1650.8	1674.2	1718.7
35°	1873.6	1703.9	1440.7	1404.7	1277.4	1279.5	1472.6	1595.6	1597.8	1619.0	1646.6
37.5°	1814.2	1621.1	1273.2	1334.7	1218.0	1218.0	1423.8	1540.5	1536.3	1542.6	1580.8
40°	1744.2	1491.7	1124.6	1243.4	1162.8	1156.4	1364.4	1481.1	1466.2	1464.1	1517.2
42.5°	1669.9	1349.5	1014.3	1122.5	1099.1	1090.6	1292.3	1408.9	1381.3	1387.7	1455.6
45°	1589.3	1311.3	929.4	948.5	1033.4	1027.0	1213.7	1326.2	1307.1	1324.1	1394.1
47.5°	1508.7	1234.9	901.8	787.3	963.4	961.2	1126.8	1245.5	1234.9	1252.0	1326.2
50°	1398.3	1150.1	899.7	674.8	884.8	893.3	1022.8	1167.1	1167.1	1181.9	1260.4
52.5°	1256.1	1046.1	817.0	611.1	793.6	819.1	931.5	1099.1	1103.4	1118.3	1188.3
55°	1126.8	937.9	757.6	562.3	685.4	740.5	842.4	1029.1	1037.6	1052.5	1116.1
57.5°	1007.9	780.8	744.8	505.0	585.6	638.7	763.9	961.2	965.4	978.2	1039.7
60°	880.6	564.4	683.3	443.5	498.7	539.0	691.7	880.6	895.4	903.9	957.0
62.5°	736.3	409.5	619.6	401.0	456.2	464.7	632.4	804.2	823.3	829.7	861.5
65°	524.1	343.8	526.2	365.0	411.6	413.8	568.7	725.7	742.7	753.3	776.6
67.5°	354.4	280.1	401.0	331.0	377.7	379.8	507.2	634.5	657.8	666.2	681.1
70°	246.1	186.7	297.0	294.9	339.5	343.8	441.3	551.7	572.9	579.3	587.8
72.5°	180.4	150.6	246.1	265.2	299.2	303.5	373.5	458.4	479.6	485.9	490.2
75°	138.0	159.2	199.5	231.3	254.6	256.7	305.5	373.5	388.3	392.6	394.7
77.5°	110.3	148.6	146.4	186.7	208.0	203.7	239.8	288.6	301.3	301.3	301.3
80°	82.8	116.7	110.3	133.7	152.8	148.6	171.8	205.8	210.1	214.3	212.2
82.5°	61.5	74.3	74.3	84.9	101.8	97.6	114.6	133.7	133.7	133.7	138.0
85°	38.2	42.4	34.0	44.6	57.3	55.2	63.7	72.1	74.3	74.3	70.0
87.5°	23.4	19.1	10.6	16.9	25.5	25.5	29.7	31.8	29.7	29.7	29.7
90°	21.6	15.0	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1
92.5°	146.4	89.8	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0
95°	286.8	183.3	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3
97.5°	320.6	229.3	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3
100°	348.5	265.7	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9
102.5°	375.6	298.4	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9
105°	416.8	351.5	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8
107.5°	474.5	413.5	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5
110°	507.7	452.6	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	546.5	494.0	441.6	494.0	546.5	559.6	872.0	1288.5	1496.7	1819.4	2464.6
115°	604.8	556.5	508.1	556.5	604.8	616.9	880.0	1230.8	1406.1	1716.9	2338.5
117.5°	661.7	617.7	573.7	617.7	661.7	672.7	896.4	1194.6	1343.7	1624.2	2185.2
120°	694.8	653.4	612.0	653.4	694.8	705.1	909.6	1182.4	1318.8	1575.1	2087.6
122.5°	732.9	691.1	649.4	691.1	732.9	743.3	928.7	1176.0	1299.7	1530.4	1992.1
125°	782.9	744.9	706.8	744.9	782.9	792.4	954.5	1170.8	1278.9	1475.0	1867.1
127.5°	830.2	791.8	753.4	791.8	830.2	839.9	980.4	1167.7	1261.4	1429.7	1766.4
130°	861.1	819.7	778.3	819.7	861.1	871.4	999.2	1169.6	1254.8	1404.6	1704.4
132.5°	886.8	845.5	804.0	845.5	886.8	897.2	1014.4	1170.8	1248.9	1383.1	1651.4
135°	917.7	880.0	842.3	880.0	917.7	927.1	1031.1	1169.6	1238.9	1351.3	1576.0
137.5°	956.1	918.7	881.4	918.7	956.1	965.4	1056.0	1176.9	1237.3	1332.3	1522.2
140°	982.6	948.2	913.8	948.2	982.6	991.1	1071.3	1178.1	1231.5	1313.5	1477.6
142.5°	1002.3	970.6	938.8	970.6	1002.3	1010.3	1084.0	1182.3	1231.5	1303.5	1447.6
145°	1032.5	1004.7	977.0	1004.7	1032.5	1039.4	1100.7	1182.3	1223.1	1282.1	1400.0
147.5°	1069.3	1042.3	1015.3	1042.3	1069.3	1076.0	1125.1	1190.4	1223.1	1269.5	1362.3
150°	1089.0	1064.6	1040.2	1064.6	1089.0	1095.1	1137.8	1194.7	1223.1	1262.3	1340.7
152.5°	1102.9	1084.5	1066.0	1084.5	1102.9	1107.6	1146.1	1197.4	1223.1	1256.6	1323.5
155°	1131.6	1117.9	1104.3	1117.9	1131.6	1135.0	1164.4	1203.5	1223.1	1249.8	1303.0
157.5°	1159.1	1145.8	1132.6	1145.8	1159.1	1162.4	1182.7	1209.6	1223.1	1243.8	1285.2
160°	1172.4	1162.0	1151.7	1162.0	1172.4	1174.9	1191.0	1212.4	1223.1	1240.9	1276.4
162.5°	1186.3	1178.5	1170.8	1178.5	1186.3	1188.2	1199.8	1215.3	1223.1	1238.1	1268.0
165°	1205.6	1198.6	1191.6	1198.6	1205.6	1207.4	1212.6	1219.6	1223.1	1233.9	1255.3
167.5°	1217.3	1214.0	1210.7	1214.0	1217.3	1218.2	1222.6	1228.5	1231.5	1238.5	1252.5
170°	1229.9	1226.5	1223.1	1226.5	1229.9	1230.7	1230.9	1231.3	1231.5	1238.5	1252.5
172.5°	1231.3	1230.5	1229.8	1230.5	1231.3	1231.5	1231.5	1231.5	1231.5	1237.0	1248.1
175°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1236.5	1233.2	1231.5	1235.0	1242.0
177.5°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1237.0	1234.5	1233.2	1235.9	1241.4
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935652
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2164.3	2158.0	2166.5	2143.1	2166.5	2158.0	2164.3	2179.2	2166.5	2174.9	2183.4
5°	1899.1	1888.5	1854.5	1827.0	1854.5	1888.5	1899.1	1943.7	1964.9	2003.1	2054.0
7.5°	1697.5	1689.0	1680.5	1663.6	1680.5	1689.0	1697.5	1710.2	1731.5	1765.4	1803.6
10°	1653.0	1655.1	1667.8	1665.7	1667.8	1655.1	1653.0	1648.7	1642.4	1648.7	1672.1
12.5°	1767.6	1786.7	1856.7	1852.4	1856.7	1786.7	1767.6	1682.7	1625.4	1614.8	1619.0
15°	1899.1	1905.4	1920.3	1922.5	1920.3	1905.4	1899.1	1865.1	1693.3	1619.0	1595.6
17.5°	1911.9	1914.0	1924.6	1924.6	1924.6	1914.0	1911.9	1897.0	1839.7	1739.9	1608.4
20°	1901.3	1905.4	1926.7	1931.0	1926.7	1905.4	1901.3	1882.2	1850.3	1814.2	1714.5
22.5°	1897.0	1905.4	1922.5	1920.3	1922.5	1905.4	1897.0	1867.3	1839.7	1814.2	1773.9
25°	1875.7	1875.7	1877.9	1880.0	1877.9	1875.7	1875.7	1852.4	1797.3	1790.9	1767.6
27.5°	1831.2	1835.4	1848.2	1846.1	1848.2	1835.4	1831.2	1822.7	1763.3	1757.0	1739.9
30°	1790.9	1786.7	1776.0	1767.6	1776.0	1786.7	1790.9	1778.2	1718.7	1701.8	1706.0
32.5°	1723.0	1712.4	1701.8	1695.4	1701.8	1712.4	1723.0	1718.7	1674.2	1650.8	1655.1
35°	1642.4	1644.5	1642.4	1636.0	1642.4	1644.5	1642.4	1646.6	1619.0	1597.8	1595.6
37.5°	1585.0	1589.3	1587.2	1578.7	1587.2	1589.3	1585.0	1580.8	1542.6	1536.3	1540.5
40°	1525.6	1527.8	1525.6	1519.3	1525.6	1527.8	1525.6	1517.2	1464.1	1466.2	1481.1
42.5°	1468.4	1466.2	1459.9	1455.6	1459.9	1466.2	1468.4	1455.6	1387.7	1381.3	1408.9
45°	1402.6	1404.7	1392.0	1385.6	1392.0	1404.7	1402.6	1394.1	1324.1	1307.1	1326.2
47.5°	1336.8	1336.8	1326.2	1319.8	1326.2	1336.8	1336.8	1326.2	1252.0	1234.9	1245.5
50°	1266.8	1264.6	1249.8	1247.7	1249.8	1264.6	1266.8	1260.4	1181.9	1167.1	1167.1
52.5°	1186.1	1186.1	1188.3	1192.5	1188.3	1186.1	1186.1	1188.3	1118.3	1103.4	1099.1
55°	1116.1	1118.3	1133.1	1137.4	1133.1	1118.3	1116.1	1116.1	1052.5	1037.6	1029.1
57.5°	1044.0	1044.0	1054.6	1054.6	1054.6	1044.0	1044.0	1039.7	978.2	965.4	961.2
60°	961.2	965.4	974.0	971.9	974.0	965.4	961.2	957.0	903.9	895.4	880.6
62.5°	874.2	878.5	880.6	876.3	880.6	878.5	874.2	861.5	829.7	823.3	804.2
65°	783.0	787.3	789.3	785.1	789.3	787.3	783.0	776.6	753.3	742.7	725.7
67.5°	689.6	687.5	685.4	693.9	685.4	687.5	689.6	681.1	666.2	657.8	634.5
70°	594.1	594.1	592.0	596.2	592.0	594.1	594.1	587.8	579.3	572.9	551.7
72.5°	492.3	490.2	498.7	492.3	498.7	490.2	492.3	490.2	485.9	479.6	458.4
75°	392.6	396.8	392.6	398.9	392.6	396.8	392.6	394.7	392.6	388.3	373.5
77.5°	299.2	303.5	299.2	299.2	299.2	303.5	299.2	301.3	301.3	301.3	288.6
80°	212.2	210.1	210.1	208.0	210.1	210.1	212.2	212.2	214.3	210.1	205.8
82.5°	135.8	133.7	133.7	138.0	133.7	133.7	135.8	138.0	133.7	133.7	133.7
85°	74.3	76.4	72.1	72.1	72.1	76.4	74.3	70.0	74.3	74.3	72.1
87.5°	27.6	25.5	25.5	25.5	25.5	25.5	27.6	29.7	29.7	29.7	31.8
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4
92.5°	158.0	151.7	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4
95°	536.3	517.3	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6
97.5°	1238.1	1201.9	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0
100°	1738.7	1695.6	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3
102.5°	2166.1	2129.2	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0
105°	2665.0	2645.2	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5
107.5°	2924.4	2929.3	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5
110°	2990.9	3011.7	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2948.5	2980.3	3107.4	3234.6	3107.4	2980.3	2948.5	2464.6	1819.4	1496.7	1288.5
115°	2804.7	2848.8	3025.1	3201.3	3025.1	2848.8	2804.7	2338.5	1716.9	1406.1	1230.8
117.5°	2606.0	2654.9	2850.3	3045.9	2850.3	2654.9	2606.0	2185.2	1624.2	1343.7	1194.6
120°	2472.1	2519.6	2709.6	2899.5	2709.6	2519.6	2472.1	2087.6	1575.1	1318.8	1182.4
122.5°	2338.3	2385.1	2572.5	2759.8	2572.5	2385.1	2338.3	1992.1	1530.4	1299.7	1176.0
125°	2161.1	2204.2	2376.9	2549.4	2376.9	2204.2	2161.1	1867.1	1475.0	1278.9	1170.8
127.5°	2018.9	2055.3	2200.9	2346.5	2200.9	2055.3	2018.9	1766.4	1429.7	1261.4	1167.7
130°	1929.1	1962.8	2097.3	2231.8	2097.3	1962.8	1929.1	1704.4	1404.6	1254.8	1169.6
132.5°	1852.6	1882.7	2003.2	2123.7	2003.2	1882.7	1852.6	1651.4	1383.1	1248.9	1170.8
135°	1744.5	1770.5	1874.4	1978.2	1874.4	1770.5	1744.5	1576.0	1351.3	1238.9	1169.6
137.5°	1664.7	1686.0	1770.9	1856.0	1770.9	1686.0	1664.7	1522.2	1332.3	1237.3	1176.9
140°	1600.7	1620.5	1700.0	1779.4	1700.0	1620.5	1600.7	1477.6	1313.5	1231.5	1178.1
142.5°	1555.7	1572.8	1641.2	1709.6	1641.2	1572.8	1555.7	1447.6	1303.5	1231.5	1182.3
145°	1488.4	1501.4	1553.1	1604.8	1553.1	1501.4	1488.4	1400.0	1282.1	1223.1	1182.3
147.5°	1431.9	1442.6	1485.5	1528.3	1485.5	1442.6	1431.9	1362.3	1269.5	1223.1	1190.4
150°	1399.5	1408.1	1442.9	1477.6	1442.9	1408.1	1399.5	1340.7	1262.3	1223.1	1194.7
152.5°	1373.7	1380.3	1406.5	1432.7	1406.5	1380.3	1373.7	1323.5	1256.6	1223.1	1197.4
155°	1342.9	1347.3	1364.6	1382.0	1364.6	1347.3	1342.9	1303.0	1249.8	1223.1	1203.5
157.5°	1316.3	1319.3	1331.5	1343.7	1331.5	1319.3	1316.3	1285.2	1243.8	1223.1	1209.6
160°	1302.9	1304.7	1311.7	1318.8	1311.7	1304.7	1302.9	1276.4	1240.9	1223.1	1212.4
162.5°	1290.5	1292.2	1298.9	1305.5	1298.9	1292.2	1290.5	1268.0	1238.1	1223.1	1215.3
165°	1271.4	1273.2	1280.1	1287.2	1280.1	1273.2	1271.4	1255.3	1233.9	1223.1	1219.6
167.5°	1263.0	1263.8	1266.7	1269.7	1266.7	1263.8	1263.0	1252.5	1238.5	1231.5	1228.5
170°	1263.0	1263.0	1263.0	1263.0	1263.0	1263.0	1263.0	1252.5	1238.5	1231.5	1231.3
172.5°	1256.5	1255.8	1253.2	1250.6	1253.2	1255.8	1256.5	1248.1	1237.0	1231.5	1231.5
175°	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1242.0	1235.0	1231.5	1233.2
177.5°	1245.6	1244.9	1241.9	1238.9	1241.9	1244.9	1245.6	1241.4	1235.9	1233.2	1234.5
180°	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2215.2	2225.9	2232.3	2240.8	2262.0
5°	2130.4	2170.7	2183.4	2215.2	2253.5
7.5°	1943.7	2066.8	2100.6	2177.1	2236.5
10°	1763.3	1886.4	1945.7	2126.2	2215.2
12.5°	1672.1	1744.2	1784.5	2037.1	2185.5
15°	1614.8	1665.7	1695.4	1918.2	2151.6
17.5°	1570.2	1606.3	1627.5	1801.5	2104.9
20°	1542.6	1559.6	1578.7	1716.7	2051.9
22.5°	1523.5	1512.9	1527.8	1657.2	1979.7
25°	1510.8	1470.5	1487.5	1610.5	1894.8
27.5°	1521.4	1432.3	1438.7	1568.1	1805.7
30°	1523.5	1385.6	1387.7	1523.5	1706.0
32.5°	1508.7	1336.8	1338.9	1468.4	1593.6
35°	1472.6	1279.5	1277.4	1404.7	1440.7
37.5°	1423.8	1218.0	1218.0	1334.7	1273.2
40°	1364.4	1156.4	1162.8	1243.4	1124.6
42.5°	1292.3	1090.6	1099.1	1122.5	1014.3
45°	1213.7	1027.0	1033.4	948.5	929.4
47.5°	1126.8	961.2	963.4	787.3	901.8
50°	1022.8	893.3	884.8	674.8	899.7
52.5°	931.5	819.1	793.6	611.1	817.0
55°	842.4	740.5	685.4	562.3	757.6
57.5°	763.9	638.7	585.6	505.0	744.8
60°	691.7	539.0	498.7	443.5	683.3
62.5°	632.4	464.7	456.2	401.0	619.6
65°	568.7	413.8	411.6	365.0	526.2
67.5°	507.2	379.8	377.7	331.0	401.0
70°	441.3	343.8	339.5	294.9	297.0
72.5°	373.5	303.5	299.2	265.2	246.1
75°	305.5	256.7	254.6	231.3	199.5
77.5°	239.8	203.7	208.0	186.7	146.4
80°	171.8	148.6	152.8	133.7	110.3
82.5°	114.6	97.6	101.8	84.9	74.3
85°	63.7	55.2	57.3	44.6	34.0
87.5°	29.7	25.5	25.5	16.9	10.6
90°	36.6	23.3	21.6	15.0	8.4
92.5°	225.6	160.5	146.4	89.8	33.2
95°	555.2	312.7	286.8	183.3	79.8
97.5°	747.8	343.4	320.6	229.3	138.0
100°	817.9	369.2	348.5	265.7	182.9
102.5°	850.1	395.0	375.6	298.4	221.1
105°	873.9	433.2	416.8	351.5	286.0
107.5°	878.3	489.7	474.5	413.5	352.6
110°	871.7	521.4	507.7	452.6	397.5



TEST NUMBER: P935652

CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	872.0	559.6	546.5	494.0	441.6
115°	880.0	616.9	604.8	556.5	508.1
117.5°	896.4	672.7	661.7	617.7	573.7
120°	909.6	705.1	694.8	653.4	612.0
122.5°	928.7	743.3	732.9	691.1	649.4
125°	954.5	792.4	782.9	744.9	706.8
127.5°	980.4	839.9	830.2	791.8	753.4
130°	999.2	871.4	861.1	819.7	778.3
132.5°	1014.4	897.2	886.8	845.5	804.0
135°	1031.1	927.1	917.7	880.0	842.3
137.5°	1056.0	965.4	956.1	918.7	881.4
140°	1071.3	991.1	982.6	948.2	913.8
142.5°	1084.0	1010.3	1002.3	970.6	938.8
145°	1100.7	1039.4	1032.5	1004.7	977.0
147.5°	1125.1	1076.0	1069.3	1042.3	1015.3
150°	1137.8	1095.1	1089.0	1064.6	1040.2
152.5°	1146.1	1107.6	1102.9	1084.5	1066.0
155°	1164.4	1135.0	1131.6	1117.9	1104.3
157.5°	1182.7	1162.4	1159.1	1145.8	1132.6
160°	1191.0	1174.9	1172.4	1162.0	1151.7
162.5°	1199.8	1188.2	1186.3	1178.5	1170.8
165°	1212.6	1207.4	1205.6	1198.6	1191.6
167.5°	1222.6	1218.2	1217.3	1214.0	1210.7
170°	1230.9	1230.7	1229.9	1226.5	1223.1
172.5°	1231.5	1231.5	1231.3	1230.5	1229.8
175°	1236.5	1238.9	1238.9	1238.9	1238.9
177.5°	1237.0	1238.9	1238.9	1238.9	1238.9
180°	1238.9	1238.9	1238.9	1238.9	1238.9



TEST NUMBER: P935652
 CATALOG NUMBER: SQ4-FA-125U-100D-930-1D-UNV-STD-W-8

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	12.16	12.95	13.18	13.98	15.37	15.00	15.79	16.02	16.82	18.20
	3H	12.63	13.34	13.66	14.38	15.78	16.34	17.05	17.37	18.09	19.49
	4H	12.82	13.49	13.86	14.54	15.94	16.78	17.46	17.83	18.50	19.91
	6H	12.93	13.55	13.99	14.60	16.02	17.07	17.69	18.12	18.73	20.15
	8H	12.93	13.52	13.99	14.59	16.00	17.14	17.73	18.20	18.79	20.21
	12H	12.90	13.46	13.97	14.52	15.96	17.18	17.74	18.24	18.79	20.23
4H	2H	13.19	13.86	14.24	14.90	16.31	15.40	16.07	16.45	17.11	18.52
	3H	14.21	14.77	15.27	15.84	17.26	16.90	17.46	17.96	18.53	19.95
	4H	14.48	14.99	15.55	16.06	17.50	17.43	17.94	18.49	19.00	20.45
	6H	14.60	15.04	15.68	16.13	17.56	17.79	18.23	18.87	19.32	20.75
	8H	14.61	15.02	15.68	16.09	17.55	17.90	18.31	18.97	19.39	20.84
	12H	14.57	14.94	15.66	16.03	17.49	17.95	18.32	19.04	19.41	20.87
8H	4H	14.93	15.34	16.00	16.42	17.87	17.55	17.96	18.62	19.03	20.49
	6H	15.19	15.53	16.29	16.65	18.10	17.98	18.32	19.08	19.44	20.89
	8H	15.23	15.53	16.34	16.63	18.10	18.13	18.43	19.24	19.53	21.00
	12H	15.21	15.47	16.32	16.57	18.08	18.23	18.49	19.34	19.59	21.10
12H	4H	14.93	15.31	16.03	16.40	17.85	17.51	17.88	18.60	18.97	20.43
	6H	15.25	15.55	16.35	16.65	18.12	17.98	18.28	19.08	19.38	20.85
	8H	15.31	15.57	16.42	16.67	18.18	18.14	18.40	19.25	19.50	21.01