

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: P935417

Luminaire Tested: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935417
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

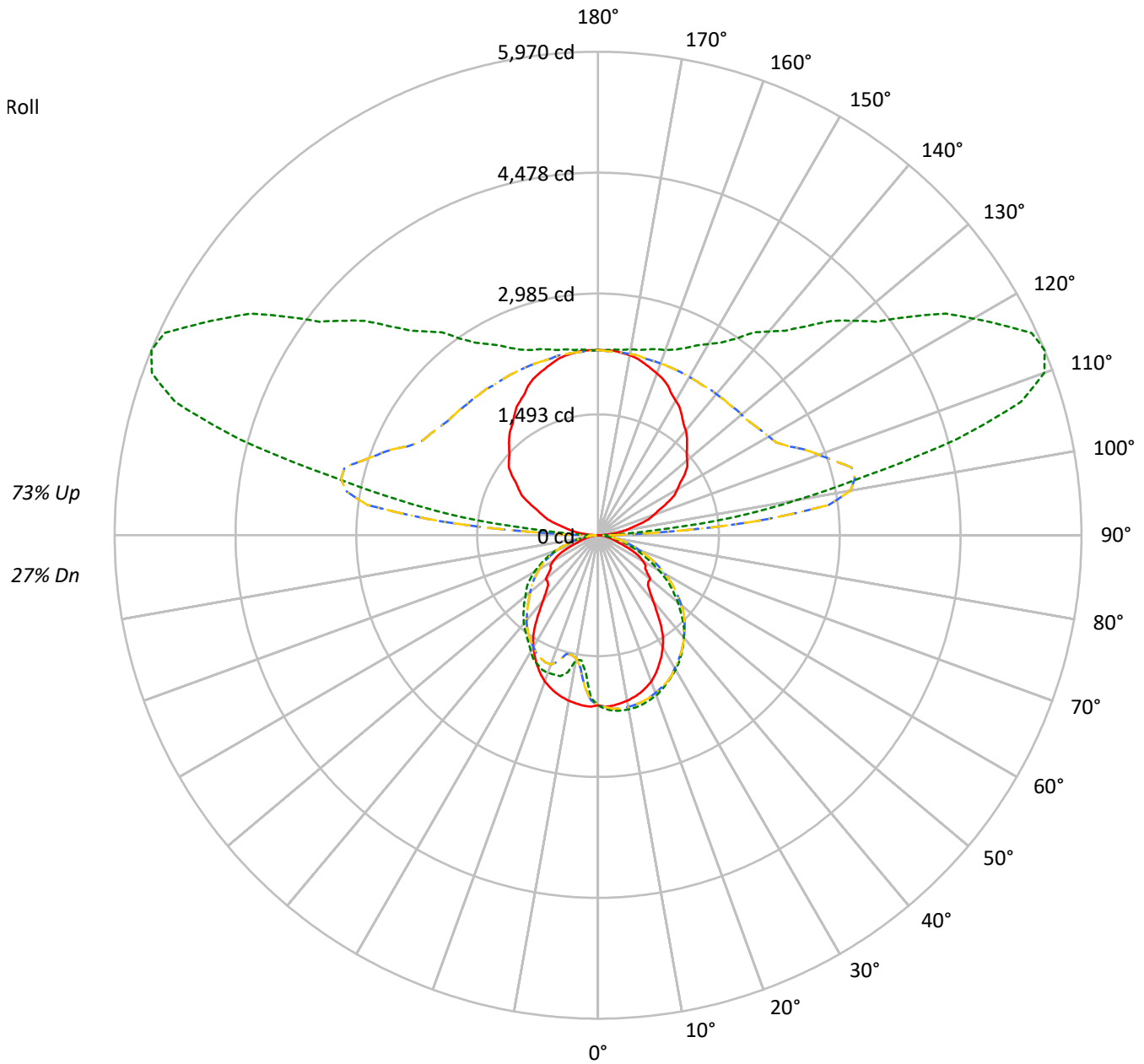
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20279.7 lumens
Efficiency: N/A
Efficacy: 142.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
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: P935417
CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

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				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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9				7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6499	6499	6499	6499
5°	6550	6561	6550	5158
10°	6509	6462	6509	4620
15°	6440	6322	6440	5279
20°	6308	6156	6308	5290
25°	6035	5915	6035	5178
30°	5681	5714	5681	4932
35°	5067	5460	5067	4662
40°	4224	5161	4224	4457
45°	3777	4810	3777	4222
50°	4016	4393	4016	3986
55°	3782	3943	3782	3850
60°	3903	3349	3903	3526
65°	3545	2769	3545	3095
70°	2460	2206	2460	2594
75°	2165	1631	2165	1953
80°	1757	1078	1757	1174
85°	1030	571	1030	486

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5785 cd/sqm



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.7	0.9
10°-20°	538.5	2.7
20°-30°	832.4	4.1
30°-40°	993.7	4.9
40°-50°	999.6	4.9
50°-60°	869.7	4.3
60°-70°	616.7	3.0
70°-80°	326.3	1.6
80°-90°	90.0	0.4
90°-100°	1114.6	5.5
100°-110°	2930.4	14.4
110°-120°	3038.5	15.0
120°-130°	2437.2	12.0
130°-140°	1912.4	9.4
140°-150°	1467.8	7.2
150°-160°	1057.1	5.2
160°-170°	646.8	3.2
170°-180°	218.5	1.1
0°-30°	1560.6	7.7
0°-40°	2554.3	12.6
0°-60°	4423.7	21.8
0°-90°	5456.6	26.9
90°-120°	7083.4	34.9
90°-150°	12900.8	63.6
90°-180°	14823.0	73.1
0°-180°	20279.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2101	2101	2101	2101	2101	
5°	2111	2177	2111	1712	2111	200
15°	2016	2157	2016	1801	2016	567
25°	1775	2012	1775	1761	1775	815
35°	1350	1795	1350	1533	1350	835
45°	871	1479	871	1298	871	697
55°	710	1091	710	1066	710	652
65°	493	658	493	736	493	471
75°	187	312	187	374	187	196
85°	32	80	32	68	32	43
90°	15	58	15	58	15	14
95°	147	674	147	674	147	164
105°	528	4589	528	4589	528	560
115°	938	5908	938	5908	938	926
125°	1304	4705	1304	4705	1304	1158
135°	1555	3651	1555	3651	1555	1203
145°	1803	2962	1803	2962	1803	1130
155°	2038	2550	2038	2550	2038	936
165°	2199	2376	2199	2376	2199	621
175°	2287	2302	2287	2302	2287	217
180°	2287	2287	2287	2287	2287	



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1
2.5°	2119.0	2119.0	2130.9	2134.9	2134.9	2128.9	2123.0	2128.9	2146.8	2152.8	2150.8
5°	2111.1	2127.0	2148.8	2152.8	2156.8	2154.8	2150.8	2154.8	2174.7	2178.6	2180.6
7.5°	2095.2	2125.0	2152.8	2158.8	2164.7	2158.8	2156.8	2160.8	2180.6	2184.6	2184.6
10°	2075.3	2117.0	2148.8	2152.8	2158.8	2152.8	2152.8	2160.8	2180.6	2184.6	2186.6
12.5°	2047.4	2105.1	2134.9	2138.9	2146.8	2144.8	2142.9	2150.8	2170.7	2174.7	2174.7
15°	2015.6	2083.2	2111.1	2115.0	2128.9	2125.0	2125.0	2132.9	2154.8	2160.8	2158.8
17.5°	1971.9	2055.4	2087.2	2093.2	2103.2	2101.1	2103.2	2111.1	2130.9	2134.9	2136.9
20°	1922.3	2017.6	2055.4	2061.4	2071.3	2071.3	2071.3	2081.2	2101.1	2109.1	2109.1
22.5°	1854.7	1977.9	2017.6	2021.6	2033.5	2033.5	2037.6	2051.4	2069.3	2071.3	2071.3
25°	1775.1	1934.1	1967.9	1979.9	1991.8	1997.7	2003.8	2011.7	2017.6	2015.6	2017.6
27.5°	1691.7	1878.5	1922.3	1930.2	1946.1	1952.0	1960.0	1962.0	1963.9	1969.9	1965.9
30°	1598.2	1800.9	1866.5	1874.5	1900.3	1904.4	1896.4	1900.3	1910.3	1914.2	1918.2
32.5°	1492.9	1685.6	1808.9	1826.8	1850.6	1838.8	1836.7	1842.7	1858.6	1858.6	1862.6
35°	1349.7	1596.2	1755.3	1771.2	1789.1	1775.1	1783.0	1785.0	1795.0	1800.9	1799.0
37.5°	1192.7	1518.7	1699.6	1711.5	1725.4	1707.6	1719.4	1725.4	1733.3	1729.4	1729.4
40°	1053.5	1397.4	1634.0	1642.0	1653.8	1640.0	1651.8	1655.9	1659.8	1655.9	1653.8
42.5°	950.2	1264.2	1564.4	1574.4	1566.4	1576.4	1580.3	1588.3	1582.3	1574.4	1574.4
45°	870.6	1228.5	1488.9	1500.8	1488.9	1504.8	1510.8	1510.8	1492.9	1488.9	1486.8
47.5°	844.8	1156.9	1413.3	1413.3	1407.4	1427.3	1437.1	1423.3	1405.4	1399.4	1399.4
50°	842.9	1077.4	1310.0	1302.0	1329.8	1353.7	1343.8	1329.8	1315.9	1294.1	1294.1
52.5°	765.3	980.0	1176.8	1206.6	1250.3	1264.2	1248.3	1234.4	1210.6	1200.6	1192.7
55°	709.7	878.6	1055.5	1115.2	1160.9	1178.8	1148.9	1135.0	1099.2	1093.3	1089.4
57.5°	697.7	731.5	944.2	1019.7	1075.4	1073.5	1055.5	1029.7	999.9	993.9	992.0
60°	640.1	528.8	825.0	914.4	972.0	966.1	950.2	926.3	898.5	894.5	890.6
62.5°	580.4	383.6	689.7	791.2	872.6	870.6	856.8	820.9	801.1	791.2	783.2
65°	493.0	322.0	491.0	658.0	775.3	779.2	749.4	723.6	701.7	689.7	687.7
67.5°	375.7	262.4	332.0	548.6	681.8	677.9	640.1	628.2	600.3	594.4	582.4
70°	278.3	175.0	230.6	445.3	590.4	580.4	550.6	536.7	510.9	497.0	489.0
72.5°	230.6	141.1	168.9	345.9	497.0	485.0	459.2	443.3	421.4	409.5	401.5
75°	186.8	149.1	129.2	256.4	403.5	395.6	371.7	355.8	337.9	322.0	324.0
77.5°	137.1	139.1	103.3	188.8	320.0	308.2	294.2	274.4	266.4	250.5	250.5
80°	103.3	109.4	77.6	129.2	230.6	230.6	218.6	204.7	190.8	182.9	182.9
82.5°	69.6	69.6	57.6	81.5	157.0	151.1	143.2	139.1	131.2	127.3	127.3
85°	31.8	39.7	35.8	49.7	85.5	89.4	89.4	85.5	83.5	79.5	81.5
87.5°	10.0	17.9	21.8	27.9	43.8	45.7	47.7	47.7	47.7	49.7	49.7
90°	15.3	27.6	39.9	43.0	67.5	100.2	116.6	103.6	77.8	58.3	58.3
92.5°	61.4	165.7	270.1	296.2	416.4	576.7	656.8	575.6	413.3	291.6	280.0
95°	147.3	338.3	529.3	577.0	1024.6	1621.4	1919.8	1713.1	1299.8	989.9	954.7
97.5°	254.7	423.2	591.7	633.8	1380.1	2375.3	2872.8	2742.2	2481.0	2285.0	2218.2
100°	337.6	490.4	643.2	681.4	1509.6	2613.9	3165.9	3175.5	3194.6	3208.9	3129.3
102.5°	408.2	550.8	693.3	728.9	1568.9	2688.8	3248.8	3415.2	3748.1	3997.7	3929.6
105°	527.9	648.6	769.4	799.6	1612.9	2697.3	3239.6	3612.6	4358.9	4918.5	4881.8
107.5°	650.7	763.2	875.8	903.9	1621.1	2577.4	3055.5	3575.9	4616.6	5397.2	5406.1
110°	733.6	835.2	936.8	962.2	1608.8	2470.9	2902.0	3483.8	4647.4	5520.1	5558.3



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	814.9	911.7	1008.6	1032.8	1609.3	2378.0	2762.3	3357.8	4548.7	5441.8	5500.5
115°	937.6	1026.9	1116.3	1138.7	1624.2	2271.4	2595.1	3168.7	4315.9	5176.3	5257.6
117.5°	1058.9	1140.1	1221.3	1241.5	1654.3	2204.7	2480.0	2997.7	4033.0	4809.5	4899.7
120°	1129.5	1205.9	1282.3	1301.4	1678.9	2182.3	2433.9	2907.0	3853.0	4562.5	4650.1
122.5°	1198.5	1275.6	1352.7	1371.9	1714.2	2170.5	2398.7	2824.6	3676.4	4315.4	4401.8
125°	1304.5	1374.7	1445.0	1462.5	1761.8	2160.8	2360.2	2722.0	3445.7	3988.5	4068.1
127.5°	1390.4	1461.4	1532.3	1550.0	1809.3	2155.1	2328.0	2638.7	3260.0	3726.0	3793.2
130°	1436.5	1512.8	1589.2	1608.3	1844.1	2158.6	2315.8	2592.3	3145.5	3560.4	3622.4
132.5°	1484.0	1560.3	1636.8	1655.9	1872.3	2160.8	2305.0	2552.6	3047.8	3419.2	3474.8
135°	1554.6	1624.2	1693.7	1711.1	1903.0	2158.8	2286.6	2494.0	2908.7	3219.7	3267.6
137.5°	1626.7	1695.6	1764.5	1781.7	1948.9	2172.0	2283.6	2458.8	2809.4	3072.3	3111.5
140°	1686.5	1749.9	1813.4	1829.3	1977.1	2174.2	2272.8	2424.2	2727.0	2954.1	2990.8
142.5°	1732.6	1791.2	1849.9	1864.6	2000.6	2182.1	2272.8	2405.8	2671.8	2871.3	2902.8
145°	1803.2	1854.4	1905.6	1918.3	2031.3	2182.1	2257.5	2366.3	2583.8	2746.9	2770.8
147.5°	1873.7	1923.5	1973.3	1985.8	2076.4	2197.1	2257.5	2343.0	2514.3	2642.6	2662.4
150°	1919.8	1964.8	2009.9	2021.2	2099.9	2204.9	2257.5	2329.8	2474.3	2582.7	2598.7
152.5°	1967.4	2001.5	2035.7	2044.2	2115.3	2210.1	2257.5	2319.2	2442.6	2535.2	2547.4
155°	2037.9	2063.2	2088.4	2094.8	2149.0	2221.3	2257.5	2306.6	2404.8	2478.4	2486.4
157.5°	2090.2	2114.7	2139.3	2145.4	2182.8	2232.6	2257.5	2295.6	2372.0	2429.3	2434.9
160°	2125.5	2144.6	2163.7	2168.5	2198.1	2237.7	2257.5	2290.2	2355.7	2404.8	2408.1
162.5°	2160.8	2175.1	2189.4	2193.0	2214.5	2243.2	2257.5	2285.1	2340.4	2381.8	2384.8
165°	2199.1	2212.0	2225.0	2228.2	2238.0	2251.0	2257.5	2277.2	2316.8	2346.4	2349.7
167.5°	2234.5	2240.6	2246.7	2248.2	2256.4	2267.4	2272.8	2285.7	2311.6	2331.1	2332.5
170°	2257.5	2263.6	2269.7	2271.2	2271.7	2272.4	2272.8	2285.7	2311.6	2331.1	2331.1
172.5°	2269.7	2271.1	2272.5	2272.8	2272.8	2272.8	2272.8	2283.1	2303.5	2318.8	2317.7
175°	2286.6	2286.6	2286.6	2286.6	2282.0	2275.9	2272.8	2279.3	2292.3	2301.9	2301.9
177.5°	2286.6	2286.6	2286.6	2286.6	2283.1	2278.2	2275.9	2281.0	2291.2	2298.9	2297.5
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1
2.5°	2154.8	2148.8	2154.8	2150.8	2152.8	2146.8	2128.9	2123.0	2128.9	2134.9	2134.9
5°	2180.6	2176.7	2180.6	2180.6	2178.6	2174.7	2154.8	2150.8	2154.8	2156.8	2152.8
7.5°	2188.6	2182.6	2188.6	2184.6	2184.6	2180.6	2160.8	2156.8	2158.8	2164.7	2158.8
10°	2188.6	2182.6	2188.6	2186.6	2184.6	2180.6	2160.8	2152.8	2152.8	2158.8	2152.8
12.5°	2178.6	2174.7	2178.6	2174.7	2174.7	2170.7	2150.8	2142.9	2144.8	2146.8	2138.9
15°	2162.7	2156.8	2162.7	2158.8	2160.8	2154.8	2132.9	2125.0	2125.0	2128.9	2115.0
17.5°	2138.9	2130.9	2138.9	2136.9	2134.9	2130.9	2111.1	2103.2	2101.1	2103.2	2093.2
20°	2111.1	2105.1	2111.1	2109.1	2109.1	2101.1	2081.2	2071.3	2071.3	2071.3	2061.4
22.5°	2067.3	2061.4	2067.3	2071.3	2071.3	2069.3	2051.4	2037.6	2033.5	2033.5	2021.6
25°	2017.6	2011.7	2017.6	2017.6	2015.6	2017.6	2011.7	2003.8	1997.7	1991.8	1979.9
27.5°	1969.9	1965.9	1969.9	1965.9	1969.9	1963.9	1962.0	1960.0	1952.0	1946.1	1930.2
30°	1922.3	1918.2	1922.3	1918.2	1914.2	1910.3	1900.3	1896.4	1904.4	1900.3	1874.5
32.5°	1862.6	1858.6	1862.6	1862.6	1858.6	1858.6	1842.7	1836.7	1838.8	1850.6	1826.8
35°	1800.9	1795.0	1800.9	1799.0	1800.9	1795.0	1785.0	1783.0	1775.1	1789.1	1771.2
37.5°	1729.4	1723.5	1729.4	1729.4	1729.4	1733.3	1725.4	1719.4	1707.6	1725.4	1711.5
40°	1655.9	1647.9	1655.9	1653.8	1655.9	1659.8	1655.9	1651.8	1640.0	1653.8	1642.0
42.5°	1572.4	1570.3	1572.4	1574.4	1574.4	1582.3	1588.3	1580.3	1576.4	1566.4	1574.4
45°	1482.9	1478.9	1482.9	1486.8	1488.9	1492.9	1510.8	1510.8	1504.8	1488.9	1500.8
47.5°	1387.4	1377.6	1387.4	1399.4	1399.4	1405.4	1423.3	1437.1	1427.3	1407.4	1413.3
50°	1286.1	1288.1	1286.1	1294.1	1294.1	1315.9	1329.8	1343.8	1353.7	1329.8	1302.0
52.5°	1186.7	1184.7	1186.7	1192.7	1200.6	1210.6	1234.4	1248.3	1264.2	1250.3	1206.6
55°	1087.3	1091.3	1087.3	1089.4	1093.3	1099.2	1135.0	1148.9	1178.8	1160.9	1115.2
57.5°	987.9	982.0	987.9	992.0	993.9	999.9	1029.7	1055.5	1073.5	1075.4	1019.7
60°	872.6	864.7	872.6	890.6	894.5	898.5	926.3	950.2	966.1	972.0	914.4
62.5°	771.2	757.4	771.2	783.2	791.2	801.1	820.9	856.8	870.6	872.6	791.2
65°	663.9	658.0	663.9	687.7	689.7	701.7	723.6	749.4	779.2	775.3	658.0
67.5°	566.5	566.5	566.5	582.4	594.4	600.3	628.2	640.1	677.9	681.8	548.6
70°	477.1	475.1	477.1	489.0	497.0	510.9	536.7	550.6	580.4	590.4	445.3
72.5°	391.6	389.6	391.6	401.5	409.5	421.4	443.3	459.2	485.0	497.0	345.9
75°	316.1	312.1	316.1	324.0	322.0	337.9	355.8	371.7	395.6	403.5	256.4
77.5°	242.6	242.6	242.6	250.5	250.5	266.4	274.4	294.2	308.2	320.0	188.8
80°	180.9	178.9	180.9	182.9	182.9	190.8	204.7	218.6	230.6	230.6	129.2
82.5°	127.3	123.2	127.3	127.3	127.3	131.2	139.1	143.2	151.1	157.0	81.5
85°	79.5	79.5	79.5	81.5	79.5	83.5	85.5	89.4	89.4	85.5	49.7
87.5°	51.7	49.7	51.7	49.7	49.7	47.7	47.7	47.7	45.7	43.8	27.9
90°	58.3	58.3	58.3	58.3	58.3	77.8	103.6	116.6	100.2	67.5	43.0
92.5°	233.6	187.2	233.6	280.0	291.6	413.3	575.6	656.8	576.7	416.4	296.2
95°	814.2	673.7	814.2	954.7	989.9	1299.8	1713.1	1919.8	1621.4	1024.6	577.0
97.5°	1950.8	1683.5	1950.8	2218.2	2285.0	2481.0	2742.2	2872.8	2375.3	1380.1	633.8
100°	2810.8	2492.2	2810.8	3129.3	3208.9	3194.6	3175.5	3165.9	2613.9	1509.6	681.4
102.5°	3656.7	3383.9	3656.7	3929.6	3997.7	3748.1	3415.2	3248.8	2688.8	1568.9	728.9
105°	4735.2	4588.6	4735.2	4881.8	4918.5	4358.9	3612.6	3239.6	2697.3	1612.9	799.6
107.5°	5441.6	5477.1	5441.6	5406.1	5397.2	4616.6	3575.9	3055.5	2577.4	1621.1	903.9
110°	5711.0	5863.8	5711.0	5558.3	5520.1	4647.4	3483.8	2902.0	2470.9	1608.8	962.2



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5735.0	5969.7	5735.0	5500.5	5441.8	4548.7	3357.8	2762.3	2378.0	1609.3	1032.8
115°	5583.0	5908.3	5583.0	5257.6	5176.3	4315.9	3168.7	2595.1	2271.4	1624.2	1138.7
117.5°	5260.5	5621.3	5260.5	4899.7	4809.5	4033.0	2997.7	2480.0	2204.7	1654.3	1241.5
120°	5000.7	5351.2	5000.7	4650.1	4562.5	3853.0	2907.0	2433.9	2182.3	1678.9	1301.4
122.5°	4747.6	5093.4	4747.6	4401.8	4315.4	3676.4	2824.6	2398.7	2170.5	1714.2	1371.9
125°	4386.6	4705.2	4386.6	4068.1	3988.5	3445.7	2722.0	2360.2	2160.8	1761.8	1462.5
127.5°	4062.0	4330.7	4062.0	3793.2	3726.0	3260.0	2638.7	2328.0	2155.1	1809.3	1550.0
130°	3870.7	4119.0	3870.7	3622.4	3560.4	3145.5	2592.3	2315.8	2158.6	1844.1	1608.3
132.5°	3697.1	3919.4	3697.1	3474.8	3419.2	3047.8	2552.6	2305.0	2160.8	1872.3	1655.9
135°	3459.2	3650.9	3459.2	3267.6	3219.7	2908.7	2494.0	2286.6	2158.8	1903.0	1711.1
137.5°	3268.4	3425.3	3268.4	3111.5	3072.3	2809.4	2458.8	2283.6	2172.0	1948.9	1781.7
140°	3137.5	3284.1	3137.5	2990.8	2954.1	2727.0	2424.2	2272.8	2174.2	1977.1	1829.3
142.5°	3029.0	3155.2	3029.0	2902.8	2871.3	2671.8	2405.8	2272.8	2182.1	2000.6	1864.6
145°	2866.3	2961.8	2866.3	2770.8	2746.9	2583.8	2366.3	2257.5	2182.1	2031.3	1918.3
147.5°	2741.5	2820.6	2741.5	2662.4	2642.6	2514.3	2343.0	2257.5	2197.1	2076.4	1985.8
150°	2663.0	2727.1	2663.0	2598.7	2582.7	2474.3	2329.8	2257.5	2204.9	2099.9	2021.2
152.5°	2595.8	2644.2	2595.8	2547.4	2535.2	2442.6	2319.2	2257.5	2210.1	2115.3	2044.2
155°	2518.5	2550.5	2518.5	2486.4	2478.4	2404.8	2306.6	2257.5	2221.3	2149.0	2094.8
157.5°	2457.5	2480.0	2457.5	2434.9	2429.3	2372.0	2295.6	2257.5	2232.6	2182.8	2145.4
160°	2421.0	2433.9	2421.0	2408.1	2404.8	2355.7	2290.2	2257.5	2237.7	2198.1	2168.5
162.5°	2397.1	2409.3	2397.1	2384.8	2381.8	2340.4	2285.1	2257.5	2243.2	2214.5	2193.0
165°	2362.6	2375.6	2362.6	2349.7	2346.4	2316.8	2277.2	2257.5	2251.0	2238.0	2228.2
167.5°	2337.9	2343.3	2337.9	2332.5	2331.1	2311.6	2285.7	2272.8	2267.4	2256.4	2248.2
170°	2331.1	2331.1	2331.1	2331.1	2331.1	2311.6	2285.7	2272.8	2272.4	2271.7	2271.2
172.5°	2312.8	2308.1	2312.8	2317.7	2318.8	2303.5	2283.1	2272.8	2272.8	2272.8	2272.8
175°	2301.9	2301.9	2301.9	2301.9	2301.9	2292.3	2279.3	2272.8	2275.9	2282.0	2286.6
177.5°	2292.1	2286.6	2292.1	2297.5	2298.9	2291.2	2281.0	2275.9	2278.2	2283.1	2286.6
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1
2.5°	2130.9	2119.0	2119.0	2099.1	2091.2	2085.2	2075.3	2045.5	2037.6	2029.5	2041.5
5°	2148.8	2127.0	2111.1	2075.3	2045.5	2033.5	1995.8	1924.2	1876.5	1840.7	1820.9
7.5°	2152.8	2125.0	2095.2	2039.5	1967.9	1936.1	1820.9	1689.7	1653.8	1622.1	1602.1
10°	2148.8	2117.0	2075.3	1991.8	1822.9	1767.1	1651.8	1566.4	1544.5	1538.6	1544.5
12.5°	2134.9	2105.1	2047.4	1908.3	1671.8	1634.0	1566.4	1516.7	1512.7	1522.7	1576.4
15°	2111.1	2083.2	2015.6	1797.0	1588.3	1560.4	1512.7	1494.8	1516.7	1586.2	1747.3
17.5°	2087.2	2055.4	1971.9	1687.7	1524.7	1504.8	1470.9	1506.8	1630.0	1723.5	1777.1
20°	2055.4	2017.6	1922.3	1608.2	1478.9	1461.1	1445.1	1606.2	1699.6	1733.3	1763.2
22.5°	2017.6	1977.9	1854.7	1552.4	1431.2	1417.3	1427.3	1661.8	1699.6	1723.5	1749.3
25°	1967.9	1934.1	1775.1	1508.8	1393.5	1377.6	1415.3	1655.9	1677.7	1683.7	1735.3
27.5°	1922.3	1878.5	1691.7	1469.0	1347.7	1341.8	1425.3	1630.0	1645.9	1651.8	1707.6
30°	1866.5	1800.9	1598.2	1427.3	1300.0	1298.0	1427.3	1598.2	1594.2	1610.1	1665.8
32.5°	1808.9	1685.6	1492.9	1375.6	1254.3	1252.3	1413.3	1550.5	1546.5	1568.4	1610.1
35°	1755.3	1596.2	1349.7	1315.9	1196.7	1198.6	1379.5	1494.8	1496.8	1516.7	1542.6
37.5°	1699.6	1518.7	1192.7	1250.3	1141.0	1141.0	1333.8	1443.2	1439.2	1445.1	1480.9
40°	1634.0	1397.4	1053.5	1164.9	1089.4	1083.3	1278.2	1387.4	1373.6	1371.6	1421.2
42.5°	1564.4	1264.2	950.2	1051.5	1029.7	1021.7	1210.6	1319.9	1294.1	1300.0	1363.6
45°	1488.9	1228.5	870.6	888.5	968.0	962.1	1137.0	1242.4	1224.5	1240.4	1306.0
47.5°	1413.3	1156.9	844.8	737.4	902.4	900.5	1055.5	1166.8	1156.9	1172.9	1242.4
50°	1310.0	1077.4	842.9	632.1	828.9	836.8	958.2	1093.3	1093.3	1107.3	1180.8
52.5°	1176.8	980.0	765.3	572.4	743.5	767.3	872.6	1029.7	1033.6	1047.6	1113.2
55°	1055.5	878.6	709.7	526.8	642.1	693.8	789.1	964.1	972.0	985.9	1045.6
57.5°	944.2	731.5	697.7	473.1	548.6	598.3	715.6	900.5	904.4	916.4	974.1
60°	825.0	528.8	640.1	415.5	467.1	504.9	648.0	825.0	838.8	846.8	896.5
62.5°	689.7	383.6	580.4	375.7	427.4	435.3	592.4	753.4	771.2	777.3	807.1
65°	491.0	322.0	493.0	341.9	385.6	387.6	532.7	679.8	695.7	705.6	727.6
67.5°	332.0	262.4	375.7	310.1	353.8	355.8	475.1	594.4	616.2	624.2	638.1
70°	230.6	175.0	278.3	276.3	318.0	322.0	413.5	516.8	536.7	542.7	550.6
72.5°	168.9	141.1	230.6	248.5	280.3	284.2	349.9	429.4	449.2	455.2	459.2
75°	129.2	149.1	186.8	216.7	238.5	240.5	286.2	349.9	363.8	367.7	369.7
77.5°	103.3	139.1	137.1	175.0	194.8	190.8	224.7	270.3	282.3	282.3	282.3
80°	77.6	109.4	103.3	125.3	143.2	139.1	161.0	192.9	196.8	200.8	198.8
82.5°	57.6	69.6	69.6	79.5	95.4	91.5	107.3	125.3	125.3	125.3	129.2
85°	35.8	39.7	31.8	41.8	53.6	51.7	59.7	67.6	69.6	69.6	65.6
87.5°	21.8	17.9	10.0	15.9	23.8	23.8	27.9	29.8	27.9	27.9	27.9
90°	39.9	27.6	15.3	27.6	39.9	43.0	67.5	100.2	116.6	103.6	77.8
92.5°	270.1	165.7	61.4	165.7	270.1	296.2	416.4	576.7	656.8	575.6	413.3
95°	529.3	338.3	147.3	338.3	529.3	577.0	1024.6	1621.4	1919.8	1713.1	1299.8
97.5°	591.7	423.2	254.7	423.2	591.7	633.8	1380.1	2375.3	2872.8	2742.2	2481.0
100°	643.2	490.4	337.6	490.4	643.2	681.4	1509.6	2613.9	3165.9	3175.5	3194.6
102.5°	693.3	550.8	408.2	550.8	693.3	728.9	1568.9	2688.8	3248.8	3415.2	3748.1
105°	769.4	648.6	527.9	648.6	769.4	799.6	1612.9	2697.3	3239.6	3612.6	4358.9
107.5°	875.8	763.2	650.7	763.2	875.8	903.9	1621.1	2577.4	3055.5	3575.9	4616.6
110°	936.8	835.2	733.6	835.2	936.8	962.2	1608.8	2470.9	2902.0	3483.8	4647.4



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1008.6	911.7	814.9	911.7	1008.6	1032.8	1609.3	2378.0	2762.3	3357.8	4548.7
115°	1116.3	1026.9	937.6	1026.9	1116.3	1138.7	1624.2	2271.4	2595.1	3168.7	4315.9
117.5°	1221.3	1140.1	1058.9	1140.1	1221.3	1241.5	1654.3	2204.7	2480.0	2997.7	4033.0
120°	1282.3	1205.9	1129.5	1205.9	1282.3	1301.4	1678.9	2182.3	2433.9	2907.0	3853.0
122.5°	1352.7	1275.6	1198.5	1275.6	1352.7	1371.9	1714.2	2170.5	2398.7	2824.6	3676.4
125°	1445.0	1374.7	1304.5	1374.7	1445.0	1462.5	1761.8	2160.8	2360.2	2722.0	3445.7
127.5°	1532.3	1461.4	1390.4	1461.4	1532.3	1550.0	1809.3	2155.1	2328.0	2638.7	3260.0
130°	1589.2	1512.8	1436.5	1512.8	1589.2	1608.3	1844.1	2158.6	2315.8	2592.3	3145.5
132.5°	1636.8	1560.3	1484.0	1560.3	1636.8	1655.9	1872.3	2160.8	2305.0	2552.6	3047.8
135°	1693.7	1624.2	1554.6	1624.2	1693.7	1711.1	1903.0	2158.8	2286.6	2494.0	2908.7
137.5°	1764.5	1695.6	1626.7	1695.6	1764.5	1781.7	1948.9	2172.0	2283.6	2458.8	2809.4
140°	1813.4	1749.9	1686.5	1749.9	1813.4	1829.3	1977.1	2174.2	2272.8	2424.2	2727.0
142.5°	1849.9	1791.2	1732.6	1791.2	1849.9	1864.6	2000.6	2182.1	2272.8	2405.8	2671.8
145°	1905.6	1854.4	1803.2	1854.4	1905.6	1918.3	2031.3	2182.1	2257.5	2366.3	2583.8
147.5°	1973.3	1923.5	1873.7	1923.5	1973.3	1985.8	2076.4	2197.1	2257.5	2343.0	2514.3
150°	2009.9	1964.8	1919.8	1964.8	2009.9	2021.2	2099.9	2204.9	2257.5	2329.8	2474.3
152.5°	2035.7	2001.5	1967.4	2001.5	2035.7	2044.2	2115.3	2210.1	2257.5	2319.2	2442.6
155°	2088.4	2063.2	2037.9	2063.2	2088.4	2094.8	2149.0	2221.3	2257.5	2306.6	2404.8
157.5°	2139.3	2114.7	2090.2	2114.7	2139.3	2145.4	2182.8	2232.6	2257.5	2295.6	2372.0
160°	2163.7	2144.6	2125.5	2144.6	2163.7	2168.5	2198.1	2237.7	2257.5	2290.2	2355.7
162.5°	2189.4	2175.1	2160.8	2175.1	2189.4	2193.0	2214.5	2243.2	2257.5	2285.1	2340.4
165°	2225.0	2212.0	2199.1	2212.0	2225.0	2228.2	2238.0	2251.0	2257.5	2277.2	2316.8
167.5°	2246.7	2240.6	2234.5	2240.6	2246.7	2248.2	2256.4	2267.4	2272.8	2285.7	2311.6
170°	2269.7	2263.6	2257.5	2263.6	2269.7	2271.2	2271.7	2272.4	2272.8	2285.7	2311.6
172.5°	2272.5	2271.1	2269.7	2271.1	2272.5	2272.8	2272.8	2272.8	2272.8	2283.1	2303.5
175°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2282.0	2275.9	2272.8	2279.3	2292.3
177.5°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2283.1	2278.2	2275.9	2281.0	2291.2
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935417
 CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1	2101.1
2.5°	2027.6	2021.6	2029.5	2007.7	2029.5	2021.6	2027.6	2041.5	2029.5	2037.6	2045.5
5°	1779.1	1769.1	1737.4	1711.5	1737.4	1769.1	1779.1	1820.9	1840.7	1876.5	1924.2
7.5°	1590.3	1582.3	1574.4	1558.5	1574.4	1582.3	1590.3	1602.1	1622.1	1653.8	1689.7
10°	1548.5	1550.5	1562.4	1560.4	1562.4	1550.5	1548.5	1544.5	1538.6	1544.5	1566.4
12.5°	1655.9	1673.8	1739.4	1735.3	1739.4	1673.8	1655.9	1576.4	1522.7	1512.7	1516.7
15°	1779.1	1785.0	1799.0	1800.9	1799.0	1785.0	1779.1	1747.3	1586.2	1516.7	1494.8
17.5°	1791.0	1793.0	1802.9	1802.9	1802.9	1793.0	1791.0	1777.1	1723.5	1630.0	1506.8
20°	1781.1	1785.0	1805.0	1808.9	1805.0	1785.0	1781.1	1763.2	1733.3	1699.6	1606.2
22.5°	1777.1	1785.0	1800.9	1799.0	1800.9	1785.0	1777.1	1749.3	1723.5	1699.6	1661.8
25°	1757.3	1757.3	1759.2	1761.2	1759.2	1757.3	1757.3	1735.3	1683.7	1677.7	1655.9
27.5°	1715.5	1719.4	1731.4	1729.4	1731.4	1719.4	1715.5	1707.6	1651.8	1645.9	1630.0
30°	1677.7	1673.8	1663.8	1655.9	1663.8	1673.8	1677.7	1665.8	1610.1	1594.2	1598.2
32.5°	1614.1	1604.1	1594.2	1588.3	1594.2	1604.1	1614.1	1610.1	1568.4	1546.5	1550.5
35°	1538.6	1540.6	1538.6	1532.6	1538.6	1540.6	1538.6	1542.6	1516.7	1496.8	1494.8
37.5°	1484.9	1488.9	1486.8	1478.9	1486.8	1488.9	1484.9	1480.9	1445.1	1439.2	1443.2
40°	1429.2	1431.2	1429.2	1423.3	1429.2	1431.2	1429.2	1421.2	1371.6	1373.6	1387.4
42.5°	1375.6	1373.6	1367.6	1363.6	1367.6	1373.6	1375.6	1363.6	1300.0	1294.1	1319.9
45°	1313.9	1315.9	1304.0	1298.0	1304.0	1315.9	1313.9	1306.0	1240.4	1224.5	1242.4
47.5°	1252.3	1252.3	1242.4	1236.4	1242.4	1252.3	1252.3	1242.4	1172.9	1156.9	1166.8
50°	1186.7	1184.7	1170.8	1168.8	1170.8	1184.7	1186.7	1180.8	1107.3	1093.3	1093.3
52.5°	1111.2	1111.2	1113.2	1117.1	1113.2	1111.2	1111.2	1113.2	1047.6	1033.6	1029.7
55°	1045.6	1047.6	1061.5	1065.5	1061.5	1047.6	1045.6	1045.6	985.9	972.0	964.1
57.5°	978.0	978.0	987.9	987.9	987.9	978.0	978.0	974.1	916.4	904.4	900.5
60°	900.5	904.4	912.4	910.4	912.4	904.4	900.5	896.5	846.8	838.8	825.0
62.5°	819.0	823.0	825.0	820.9	825.0	823.0	819.0	807.1	777.3	771.2	753.4
65°	733.5	737.4	739.4	735.5	739.4	737.4	733.5	727.6	705.6	695.7	679.8
67.5°	646.1	644.1	642.1	650.0	642.1	644.1	646.1	638.1	624.2	616.2	594.4
70°	556.5	556.5	554.6	558.6	554.6	556.5	556.5	550.6	542.7	536.7	516.8
72.5°	461.2	459.2	467.1	461.2	467.1	459.2	461.2	459.2	455.2	449.2	429.4
75°	367.7	371.7	367.7	373.7	367.7	371.7	367.7	369.7	367.7	363.8	349.9
77.5°	280.3	284.2	280.3	280.3	280.3	284.2	280.3	282.3	282.3	282.3	270.3
80°	198.8	196.8	196.8	194.8	196.8	196.8	198.8	198.8	200.8	196.8	192.9
82.5°	127.3	125.3	125.3	129.2	125.3	125.3	127.3	129.2	125.3	125.3	125.3
85°	69.6	71.5	67.6	67.6	67.6	71.5	69.6	65.6	69.6	69.6	67.6
87.5°	25.9	23.8	23.8	23.8	23.8	23.8	25.9	27.9	27.9	27.9	29.8
90°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	77.8	103.6	116.6	100.2
92.5°	291.6	280.0	233.6	187.2	233.6	280.0	291.6	413.3	575.6	656.8	576.7
95°	989.9	954.7	814.2	673.7	814.2	954.7	989.9	1299.8	1713.1	1919.8	1621.4
97.5°	2285.0	2218.2	1950.8	1683.5	1950.8	2218.2	2285.0	2481.0	2742.2	2872.8	2375.3
100°	3208.9	3129.3	2810.8	2492.2	2810.8	3129.3	3208.9	3194.6	3175.5	3165.9	2613.9
102.5°	3997.7	3929.6	3656.7	3383.9	3656.7	3929.6	3997.7	3748.1	3415.2	3248.8	2688.8
105°	4918.5	4881.8	4735.2	4588.6	4735.2	4881.8	4918.5	4358.9	3612.6	3239.6	2697.3
107.5°	5397.2	5406.1	5441.6	5477.1	5441.6	5406.1	5397.2	4616.6	3575.9	3055.5	2577.4
110°	5520.1	5558.3	5711.0	5863.8	5711.0	5558.3	5520.1	4647.4	3483.8	2902.0	2470.9



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5441.8	5500.5	5735.0	5969.7	5735.0	5500.5	5441.8	4548.7	3357.8	2762.3	2378.0
115°	5176.3	5257.6	5583.0	5908.3	5583.0	5257.6	5176.3	4315.9	3168.7	2595.1	2271.4
117.5°	4809.5	4899.7	5260.5	5621.3	5260.5	4899.7	4809.5	4033.0	2997.7	2480.0	2204.7
120°	4562.5	4650.1	5000.7	5351.2	5000.7	4650.1	4562.5	3853.0	2907.0	2433.9	2182.3
122.5°	4315.4	4401.8	4747.6	5093.4	4747.6	4401.8	4315.4	3676.4	2824.6	2398.7	2170.5
125°	3988.5	4068.1	4386.6	4705.2	4386.6	4068.1	3988.5	3445.7	2722.0	2360.2	2160.8
127.5°	3726.0	3793.2	4062.0	4330.7	4062.0	3793.2	3726.0	3260.0	2638.7	2328.0	2155.1
130°	3560.4	3622.4	3870.7	4119.0	3870.7	3622.4	3560.4	3145.5	2592.3	2315.8	2158.6
132.5°	3419.2	3474.8	3697.1	3919.4	3697.1	3474.8	3419.2	3047.8	2552.6	2305.0	2160.8
135°	3219.7	3267.6	3459.2	3650.9	3459.2	3267.6	3219.7	2908.7	2494.0	2286.6	2158.8
137.5°	3072.3	3111.5	3268.4	3425.3	3268.4	3111.5	3072.3	2809.4	2458.8	2283.6	2172.0
140°	2954.1	2990.8	3137.5	3284.1	3137.5	2990.8	2954.1	2727.0	2424.2	2272.8	2174.2
142.5°	2871.3	2902.8	3029.0	3155.2	3029.0	2902.8	2871.3	2671.8	2405.8	2272.8	2182.1
145°	2746.9	2770.8	2866.3	2961.8	2866.3	2770.8	2746.9	2583.8	2366.3	2257.5	2182.1
147.5°	2642.6	2662.4	2741.5	2820.6	2741.5	2662.4	2642.6	2514.3	2343.0	2257.5	2197.1
150°	2582.7	2598.7	2663.0	2727.1	2663.0	2598.7	2582.7	2474.3	2329.8	2257.5	2204.9
152.5°	2535.2	2547.4	2595.8	2644.2	2595.8	2547.4	2535.2	2442.6	2319.2	2257.5	2210.1
155°	2478.4	2486.4	2518.5	2550.5	2518.5	2486.4	2478.4	2404.8	2306.6	2257.5	2221.3
157.5°	2429.3	2434.9	2457.5	2480.0	2457.5	2434.9	2429.3	2372.0	2295.6	2257.5	2232.6
160°	2404.8	2408.1	2421.0	2433.9	2421.0	2408.1	2404.8	2355.7	2290.2	2257.5	2237.7
162.5°	2381.8	2384.8	2397.1	2409.3	2397.1	2384.8	2381.8	2340.4	2285.1	2257.5	2243.2
165°	2346.4	2349.7	2362.6	2375.6	2362.6	2349.7	2346.4	2316.8	2277.2	2257.5	2251.0
167.5°	2331.1	2332.5	2337.9	2343.3	2337.9	2332.5	2331.1	2311.6	2285.7	2272.8	2267.4
170°	2331.1	2331.1	2331.1	2331.1	2331.1	2331.1	2331.1	2311.6	2285.7	2272.8	2272.4
172.5°	2318.8	2317.7	2312.8	2308.1	2312.8	2317.7	2318.8	2303.5	2283.1	2272.8	2272.8
175°	2301.9	2301.9	2301.9	2301.9	2301.9	2301.9	2301.9	2292.3	2279.3	2272.8	2275.9
177.5°	2298.9	2297.5	2292.1	2286.6	2292.1	2297.5	2298.9	2291.2	2281.0	2275.9	2278.2
180°	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935417

CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2101.1	2101.1	2101.1	2101.1	2101.1
2.5°	2075.3	2085.2	2091.2	2099.1	2119.0
5°	1995.8	2033.5	2045.5	2075.3	2111.1
7.5°	1820.9	1936.1	1967.9	2039.5	2095.2
10°	1651.8	1767.1	1822.9	1991.8	2075.3
12.5°	1566.4	1634.0	1671.8	1908.3	2047.4
15°	1512.7	1560.4	1588.3	1797.0	2015.6
17.5°	1470.9	1504.8	1524.7	1687.7	1971.9
20°	1445.1	1461.1	1478.9	1608.2	1922.3
22.5°	1427.3	1417.3	1431.2	1552.4	1854.7
25°	1415.3	1377.6	1393.5	1508.8	1775.1
27.5°	1425.3	1341.8	1347.7	1469.0	1691.7
30°	1427.3	1298.0	1300.0	1427.3	1598.2
32.5°	1413.3	1252.3	1254.3	1375.6	1492.9
35°	1379.5	1198.6	1196.7	1315.9	1349.7
37.5°	1333.8	1141.0	1141.0	1250.3	1192.7
40°	1278.2	1083.3	1089.4	1164.9	1053.5
42.5°	1210.6	1021.7	1029.7	1051.5	950.2
45°	1137.0	962.1	968.0	888.5	870.6
47.5°	1055.5	900.5	902.4	737.4	844.8
50°	958.2	836.8	828.9	632.1	842.9
52.5°	872.6	767.3	743.5	572.4	765.3
55°	789.1	693.8	642.1	526.8	709.7
57.5°	715.6	598.3	548.6	473.1	697.7
60°	648.0	504.9	467.1	415.5	640.1
62.5°	592.4	435.3	427.4	375.7	580.4
65°	532.7	387.6	385.6	341.9	493.0
67.5°	475.1	355.8	353.8	310.1	375.7
70°	413.5	322.0	318.0	276.3	278.3
72.5°	349.9	284.2	280.3	248.5	230.6
75°	286.2	240.5	238.5	216.7	186.8
77.5°	224.7	190.8	194.8	175.0	137.1
80°	161.0	139.1	143.2	125.3	103.3
82.5°	107.3	91.5	95.4	79.5	69.6
85°	59.7	51.7	53.6	41.8	31.8
87.5°	27.9	23.8	23.8	15.9	10.0
90°	67.5	43.0	39.9	27.6	15.3
92.5°	416.4	296.2	270.1	165.7	61.4
95°	1024.6	577.0	529.3	338.3	147.3
97.5°	1380.1	633.8	591.7	423.2	254.7
100°	1509.6	681.4	643.2	490.4	337.6
102.5°	1568.9	728.9	693.3	550.8	408.2
105°	1612.9	799.6	769.4	648.6	527.9
107.5°	1621.1	903.9	875.8	763.2	650.7
110°	1608.8	962.2	936.8	835.2	733.6



TEST NUMBER: P935417
 CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1609.3	1032.8	1008.6	911.7	814.9
115°	1624.2	1138.7	1116.3	1026.9	937.6
117.5°	1654.3	1241.5	1221.3	1140.1	1058.9
120°	1678.9	1301.4	1282.3	1205.9	1129.5
122.5°	1714.2	1371.9	1352.7	1275.6	1198.5
125°	1761.8	1462.5	1445.0	1374.7	1304.5
127.5°	1809.3	1550.0	1532.3	1461.4	1390.4
130°	1844.1	1608.3	1589.2	1512.8	1436.5
132.5°	1872.3	1655.9	1636.8	1560.3	1484.0
135°	1903.0	1711.1	1693.7	1624.2	1554.6
137.5°	1948.9	1781.7	1764.5	1695.6	1626.7
140°	1977.1	1829.3	1813.4	1749.9	1686.5
142.5°	2000.6	1864.6	1849.9	1791.2	1732.6
145°	2031.3	1918.3	1905.6	1854.4	1803.2
147.5°	2076.4	1985.8	1973.3	1923.5	1873.7
150°	2099.9	2021.2	2009.9	1964.8	1919.8
152.5°	2115.3	2044.2	2035.7	2001.5	1967.4
155°	2149.0	2094.8	2088.4	2063.2	2037.9
157.5°	2182.8	2145.4	2139.3	2114.7	2090.2
160°	2198.1	2168.5	2163.7	2144.6	2125.5
162.5°	2214.5	2193.0	2189.4	2175.1	2160.8
165°	2238.0	2228.2	2225.0	2212.0	2199.1
167.5°	2256.4	2248.2	2246.7	2240.6	2234.5
170°	2271.7	2271.2	2269.7	2263.6	2257.5
172.5°	2272.8	2272.8	2272.5	2271.1	2269.7
175°	2282.0	2286.6	2286.6	2286.6	2286.6
177.5°	2283.1	2286.6	2286.6	2286.6	2286.6
180°	2286.6	2286.6	2286.6	2286.6	2286.6



TEST NUMBER: P935417
 CATALOG NUMBER: SQ4-FA-125U-050D-840-1D-UNV-STD-W-12

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	8.66	9.35	9.79	10.47	12.04	11.51	12.20	12.64	13.32	14.89
	3H	9.12	9.74	10.26	10.87	12.45	12.85	13.46	13.99	14.60	16.18
	4H	9.31	9.89	10.46	11.02	12.61	13.29	13.87	14.44	15.01	16.59
	6H	9.41	9.95	10.57	11.09	12.69	13.57	14.11	14.73	15.24	16.84
	8H	9.41	9.92	10.57	11.07	12.66	13.64	14.15	14.80	15.30	16.90
	12H	9.38	9.86	10.54	11.00	12.62	13.68	14.16	14.84	15.31	16.92
4H	2H	9.67	10.26	10.83	11.39	12.98	11.90	12.48	13.06	13.61	15.20
	3H	10.69	11.17	11.85	12.33	13.93	13.39	13.88	14.56	15.04	16.64
	4H	10.95	11.40	12.12	12.55	14.17	13.92	14.36	15.08	15.51	17.13
	6H	11.07	11.45	12.24	12.62	14.23	14.28	14.66	15.45	15.83	17.44
	8H	11.07	11.43	12.24	12.59	14.21	14.38	14.74	15.55	15.90	17.53
	12H	11.03	11.35	12.21	12.53	14.16	14.44	14.76	15.62	15.93	17.56
8H	4H	11.40	11.75	12.57	12.92	14.54	14.03	14.38	15.20	15.55	17.17
	6H	11.65	11.95	12.84	13.15	14.77	14.46	14.76	15.65	15.96	17.58
	8H	11.69	11.95	12.89	13.13	14.77	14.62	14.87	15.81	16.05	17.70
	12H	11.67	11.89	12.87	13.07	14.75	14.71	14.94	15.91	16.11	17.79
12H	4H	11.39	11.72	12.58	12.89	14.52	13.98	14.31	15.17	15.48	17.11
	6H	11.71	11.97	12.91	13.15	14.79	14.46	14.71	15.65	15.90	17.54
	8H	11.77	12.00	12.97	13.17	14.85	14.61	14.84	15.81	16.02	17.69