

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: P935576

Luminaire Tested: SQ4-FA-125U-075D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935576
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

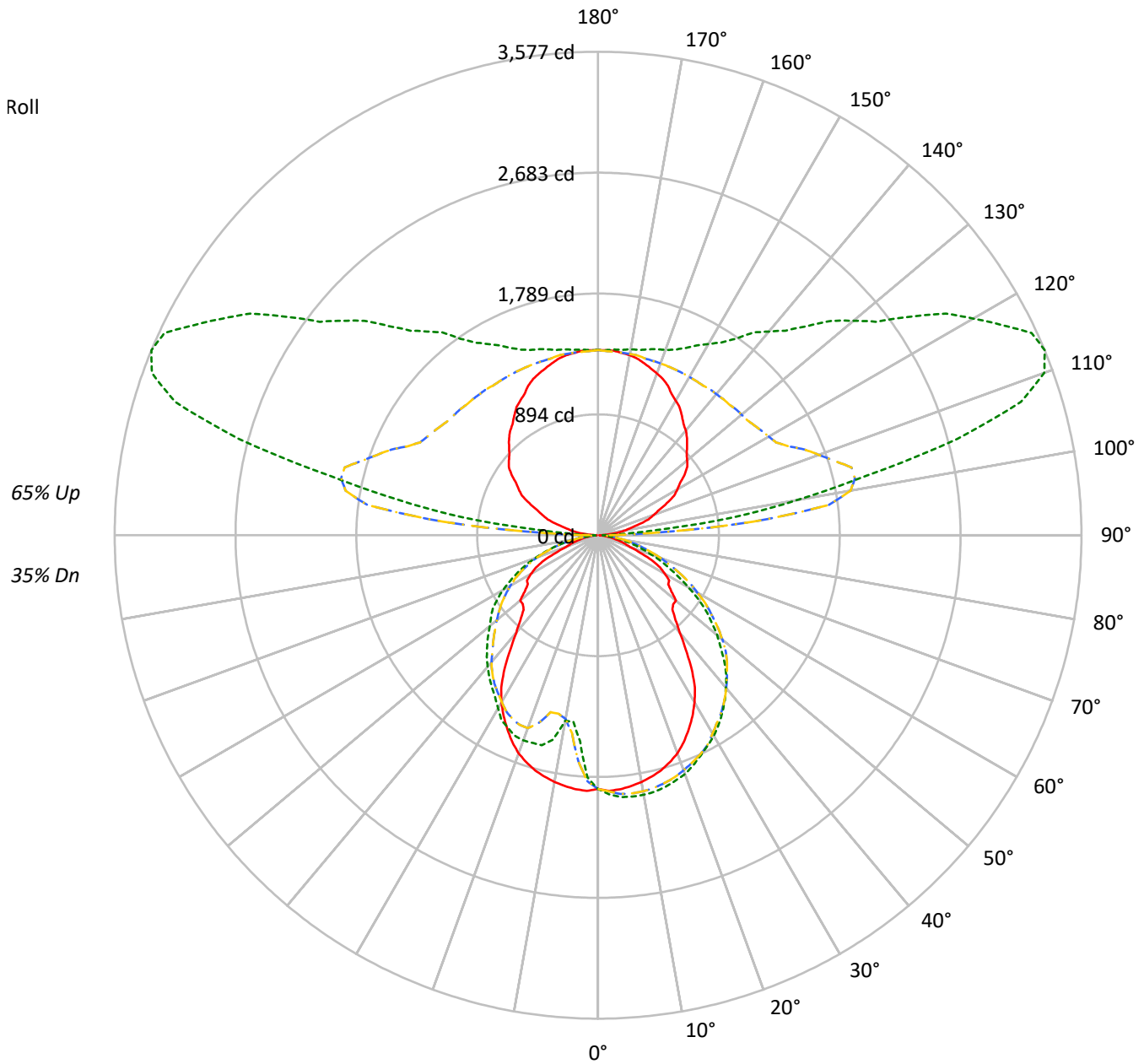
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13754.3 lumens
Efficiency: N/A
Efficacy: 123.7 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: Semi-Indirect

Input Watts (W): 111.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8709	8709	8709	8709
5°	8774	8791	8774	6913
10°	8716	8660	8716	6191
15°	8621	8473	8621	7075
20°	8441	8250	8441	7090
25°	8072	7926	8072	6939
30°	7594	7657	7594	6609
35°	6770	7316	6770	6247
40°	5642	6916	5642	5973
45°	5041	6447	5041	5658
50°	5355	5887	5355	5342
55°	5038	5284	5038	5159
60°	5194	4488	5194	4725
65°	4709	3710	4709	4147
70°	3260	2957	3260	3477
75°	2859	2185	2859	2617
80°	2305	1445	2305	1573
85°	1323	765	1323	651

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7725 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.4	1.2
10°-20°	481.1	3.5
20°-30°	743.7	5.4
30°-40°	887.8	6.5
40°-50°	893.0	6.5
50°-60°	777.1	5.6
60°-70°	551.0	4.0
70°-80°	291.5	2.1
80°-90°	77.8	0.6
90°-100°	667.9	4.9
100°-110°	1755.8	12.8
110°-120°	1820.6	13.2
120°-130°	1460.4	10.6
130°-140°	1145.9	8.3
140°-150°	879.5	6.4
150°-160°	633.4	4.6
160°-170°	387.5	2.8
170°-180°	130.9	1.0
0°-30°	1394.2	10.1
0°-40°	2282.0	16.6
0°-60°	3952.1	28.7
0°-90°	4872.4	35.4
90°-120°	4244.3	30.9
90°-150°	7730.1	56.2
90°-180°	8882.0	64.6
0°-180°	13754.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1877	1877	1877	1877	1877	
5°	1886	1945	1886	1529	1886	179
15°	1801	1927	1801	1609	1801	507
25°	1586	1797	1586	1573	1586	728
35°	1206	1604	1206	1369	1206	746
45°	778	1321	778	1160	778	623
55°	634	975	634	952	634	583
65°	440	588	440	657	440	421
75°	167	279	167	334	167	175
85°	28	71	28	60	28	38
90°	9	35	9	35	9	9
95°	88	404	88	404	88	98
105°	316	2749	316	2749	316	335
115°	562	3540	562	3540	562	555
125°	782	2819	782	2819	782	694
135°	932	2188	932	2188	932	721
145°	1080	1775	1080	1775	1080	677
155°	1221	1528	1221	1528	1221	561
165°	1318	1424	1318	1424	1318	372
175°	1370	1379	1370	1379	1370	130
180°	1370	1370	1370	1370	1370	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1893.1	1893.1	1903.8	1907.3	1907.3	1902.0	1896.7	1902.0	1918.0	1923.3	1921.5
5°	1886.0	1900.2	1919.8	1923.3	1926.9	1925.1	1921.5	1925.1	1942.9	1946.4	1948.2
7.5°	1871.8	1898.5	1923.3	1928.6	1934.0	1928.6	1926.9	1930.4	1948.2	1951.7	1951.7
10°	1854.1	1891.4	1919.8	1923.3	1928.6	1923.3	1923.3	1930.4	1948.2	1951.7	1953.5
12.5°	1829.2	1880.7	1907.3	1910.9	1918.0	1916.2	1914.4	1921.5	1939.3	1942.9	1942.9
15°	1800.8	1861.2	1886.0	1889.6	1902.0	1898.5	1898.5	1905.6	1925.1	1930.4	1928.6
17.5°	1761.7	1836.3	1864.7	1870.0	1878.9	1877.1	1878.9	1886.0	1903.8	1907.3	1909.1
20°	1717.3	1802.6	1836.3	1841.6	1850.5	1850.5	1850.5	1859.4	1877.1	1884.2	1884.2
22.5°	1656.9	1767.0	1802.6	1806.1	1816.8	1816.8	1820.3	1832.7	1848.7	1850.5	1850.5
25°	1585.9	1728.0	1758.2	1768.8	1779.5	1784.8	1790.1	1797.2	1802.6	1800.8	1802.6
27.5°	1511.3	1678.2	1717.3	1724.4	1738.6	1743.9	1751.0	1752.8	1754.6	1759.9	1756.4
30°	1427.8	1609.0	1667.6	1674.7	1697.8	1701.3	1694.2	1697.8	1706.6	1710.2	1713.8
32.5°	1333.7	1506.0	1616.1	1632.1	1653.4	1642.7	1640.9	1646.3	1660.5	1660.5	1664.0
35°	1205.8	1426.0	1568.1	1582.3	1598.3	1585.9	1593.0	1594.8	1603.6	1609.0	1607.2
37.5°	1065.5	1356.8	1518.4	1529.0	1541.5	1525.5	1536.2	1541.5	1548.6	1545.0	1545.0
40°	941.3	1248.4	1459.8	1466.9	1477.5	1465.1	1475.8	1479.3	1482.9	1479.3	1477.5
42.5°	848.9	1129.4	1397.6	1406.5	1399.4	1408.3	1411.8	1418.9	1413.6	1406.5	1406.5
45°	777.9	1097.5	1330.1	1340.8	1330.1	1344.3	1349.7	1349.7	1333.7	1330.1	1328.4
47.5°	754.8	1033.6	1262.6	1262.6	1257.3	1275.1	1284.0	1271.5	1255.5	1250.2	1250.2
50°	753.0	962.6	1170.3	1163.2	1188.1	1209.4	1200.5	1188.1	1175.6	1156.1	1156.1
52.5°	683.8	875.6	1051.4	1077.9	1117.0	1129.4	1115.2	1102.8	1081.5	1072.6	1065.5
55°	634.0	785.0	943.1	996.3	1037.2	1053.2	1026.5	1014.1	982.1	976.8	973.2
57.5°	623.4	653.6	843.6	911.1	960.8	959.0	943.1	920.0	893.3	888.0	886.2
60°	571.9	472.4	737.0	817.0	868.5	863.1	848.9	827.6	802.8	799.2	795.6
62.5°	518.6	342.8	616.3	706.8	779.7	777.9	765.5	733.5	715.7	706.8	699.7
65°	440.4	287.7	438.7	587.9	692.6	696.2	669.6	646.5	626.9	616.3	614.5
67.5°	335.7	234.4	296.6	490.2	609.2	605.6	571.9	561.2	536.4	531.0	520.4
70°	248.6	156.3	206.0	397.8	527.5	518.6	492.0	479.5	456.4	444.0	436.9
72.5°	206.0	126.1	151.0	309.0	444.0	433.3	410.3	396.0	376.5	365.9	358.8
75°	166.9	133.2	115.4	229.1	360.5	353.4	332.1	317.9	301.9	287.7	289.5
77.5°	122.5	124.3	92.4	168.7	285.9	275.3	262.8	245.1	238.0	223.8	223.8
80°	92.4	97.7	69.3	115.4	206.0	206.0	195.4	182.9	170.5	163.4	163.4
82.5°	62.2	62.2	51.5	72.8	140.3	135.0	127.9	124.3	117.2	113.7	113.7
85°	28.4	35.5	32.0	44.4	76.4	79.9	79.9	76.4	74.6	71.0	72.8
87.5°	8.9	16.0	19.5	24.9	39.1	40.8	42.6	42.6	42.6	44.4	44.4
90°	9.2	16.6	23.9	25.8	40.5	60.1	69.9	62.1	46.5	34.9	34.9
92.5°	36.8	99.3	161.9	177.5	249.5	345.5	393.6	344.9	247.7	174.7	167.7
95°	88.3	202.7	317.2	345.8	614.0	971.6	1150.3	1026.5	778.9	593.1	572.0
97.5°	152.6	253.6	354.6	379.8	827.0	1423.3	1721.4	1643.2	1486.6	1369.2	1329.2
100°	202.3	293.8	385.4	408.3	904.5	1566.2	1897.0	1902.7	1914.2	1922.8	1875.1
102.5°	244.6	330.0	415.4	436.8	940.1	1611.2	1946.7	2046.4	2245.8	2395.4	2354.5
105°	316.3	388.7	461.0	479.1	966.4	1616.2	1941.2	2164.7	2611.8	2947.1	2925.2
107.5°	389.9	457.3	524.7	541.6	971.3	1544.3	1830.8	2142.7	2766.3	3234.0	3239.3
110°	439.6	500.5	561.4	576.6	964.0	1480.6	1738.9	2087.5	2784.7	3307.5	3330.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	488.3	546.3	604.4	618.8	964.3	1424.9	1655.1	2011.9	2725.4	3260.6	3295.8
115°	561.8	615.4	668.8	682.3	973.2	1361.0	1555.0	1898.6	2586.0	3101.6	3150.4
117.5°	634.5	683.1	731.7	743.9	991.3	1321.1	1486.0	1796.2	2416.5	2881.8	2935.9
120°	676.7	722.6	768.3	779.8	1005.9	1307.6	1458.4	1741.8	2308.6	2733.8	2786.3
122.5°	718.1	764.3	810.5	822.0	1027.1	1300.5	1437.2	1692.4	2203.0	2585.8	2637.5
125°	781.6	823.7	865.8	876.3	1055.6	1294.7	1414.2	1631.1	2064.7	2389.9	2437.6
127.5°	833.1	875.7	918.1	928.8	1084.2	1291.3	1395.0	1581.1	1953.4	2232.6	2272.8
130°	860.6	906.5	952.2	963.7	1104.9	1293.4	1387.6	1553.3	1884.8	2133.3	2170.5
132.5°	889.2	935.0	980.7	992.2	1121.8	1294.7	1381.1	1529.5	1826.2	2048.7	2082.0
135°	931.5	973.2	1014.9	1025.3	1140.2	1293.5	1370.1	1494.3	1742.8	1929.2	1957.9
137.5°	974.7	1016.0	1057.3	1067.6	1167.8	1301.5	1368.2	1473.3	1683.4	1840.9	1864.4
140°	1010.5	1048.6	1086.6	1096.1	1184.7	1302.8	1361.8	1452.6	1634.0	1770.1	1792.1
142.5°	1038.2	1073.3	1108.4	1117.2	1198.7	1307.5	1361.8	1441.5	1600.9	1720.4	1739.3
145°	1080.4	1111.1	1141.8	1149.4	1217.2	1307.5	1352.6	1417.8	1548.2	1646.0	1660.3
147.5°	1122.8	1152.6	1182.5	1189.9	1244.2	1316.5	1352.6	1403.9	1506.5	1583.5	1595.3
150°	1150.3	1177.3	1204.3	1211.1	1258.2	1321.2	1352.6	1395.9	1482.6	1547.6	1557.2
152.5°	1178.8	1199.2	1219.7	1224.8	1267.4	1324.2	1352.6	1389.6	1463.6	1519.1	1526.4
155°	1221.2	1236.3	1251.4	1255.2	1287.7	1330.9	1352.6	1382.1	1441.0	1485.1	1489.9
157.5°	1252.4	1267.1	1281.8	1285.5	1307.8	1337.7	1352.6	1375.5	1421.2	1455.6	1459.0
160°	1273.6	1285.0	1296.5	1299.3	1317.1	1340.8	1352.6	1372.2	1411.5	1440.9	1442.8
162.5°	1294.7	1303.2	1311.8	1314.0	1326.8	1344.0	1352.6	1369.1	1402.2	1427.1	1429.0
165°	1317.7	1325.5	1333.2	1335.2	1341.0	1348.7	1352.6	1364.5	1388.2	1406.0	1407.9
167.5°	1338.8	1342.5	1346.2	1347.1	1352.0	1358.6	1361.8	1369.6	1385.1	1396.7	1397.5
170°	1352.6	1356.3	1360.1	1360.9	1361.2	1361.7	1361.8	1369.6	1385.1	1396.7	1396.7
172.5°	1360.0	1360.8	1361.7	1361.8	1361.8	1361.8	1361.8	1368.0	1380.2	1389.5	1388.7
175°	1370.1	1370.1	1370.1	1370.1	1367.3	1363.7	1361.8	1365.7	1373.5	1379.3	1379.3
177.5°	1370.1	1370.1	1370.1	1370.1	1368.0	1365.1	1363.7	1366.7	1372.8	1377.5	1376.7
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1925.1	1919.8	1925.1	1921.5	1923.3	1918.0	1902.0	1896.7	1902.0	1907.3	1907.3
5°	1948.2	1944.6	1948.2	1948.2	1946.4	1942.9	1925.1	1921.5	1925.1	1926.9	1923.3
7.5°	1955.3	1950.0	1955.3	1951.7	1951.7	1948.2	1930.4	1926.9	1928.6	1934.0	1928.6
10°	1955.3	1950.0	1955.3	1953.5	1951.7	1948.2	1930.4	1923.3	1923.3	1928.6	1923.3
12.5°	1946.4	1942.9	1946.4	1942.9	1942.9	1939.3	1921.5	1914.4	1916.2	1918.0	1910.9
15°	1932.2	1926.9	1932.2	1928.6	1930.4	1925.1	1905.6	1898.5	1898.5	1902.0	1889.6
17.5°	1910.9	1903.8	1910.9	1909.1	1907.3	1903.8	1886.0	1878.9	1877.1	1878.9	1870.0
20°	1886.0	1880.7	1886.0	1884.2	1884.2	1877.1	1859.4	1850.5	1850.5	1850.5	1841.6
22.5°	1847.0	1841.6	1847.0	1850.5	1850.5	1848.7	1832.7	1820.3	1816.8	1816.8	1806.1
25°	1802.6	1797.2	1802.6	1802.6	1800.8	1802.6	1797.2	1790.1	1784.8	1779.5	1768.8
27.5°	1759.9	1756.4	1759.9	1756.4	1759.9	1754.6	1752.8	1751.0	1743.9	1738.6	1724.4
30°	1717.3	1713.8	1717.3	1713.8	1710.2	1706.6	1697.8	1694.2	1701.3	1697.8	1674.7
32.5°	1664.0	1660.5	1664.0	1664.0	1660.5	1660.5	1646.3	1640.9	1642.7	1653.4	1632.1
35°	1609.0	1603.6	1609.0	1607.2	1609.0	1603.6	1594.8	1593.0	1585.9	1598.3	1582.3
37.5°	1545.0	1539.7	1545.0	1545.0	1545.0	1548.6	1541.5	1536.2	1525.5	1541.5	1529.0
40°	1479.3	1472.2	1479.3	1477.5	1479.3	1482.9	1479.3	1475.8	1465.1	1477.5	1466.9
42.5°	1404.7	1403.0	1404.7	1406.5	1406.5	1413.6	1418.9	1411.8	1408.3	1399.4	1406.5
45°	1324.8	1321.3	1324.8	1328.4	1330.1	1333.7	1349.7	1349.7	1344.3	1330.1	1340.8
47.5°	1239.6	1230.7	1239.6	1250.2	1250.2	1255.5	1271.5	1284.0	1275.1	1257.3	1262.6
50°	1149.0	1150.8	1149.0	1156.1	1156.1	1175.6	1188.1	1200.5	1209.4	1188.1	1163.2
52.5°	1060.2	1058.5	1060.2	1065.5	1072.6	1081.5	1102.8	1115.2	1129.4	1117.0	1077.9
55°	971.5	975.0	971.5	973.2	976.8	982.1	1014.1	1026.5	1053.2	1037.2	996.3
57.5°	882.7	877.3	882.7	886.2	888.0	893.3	920.0	943.1	959.0	960.8	911.1
60°	779.7	772.6	779.7	795.6	799.2	802.8	827.6	848.9	863.1	868.5	817.0
62.5°	689.1	676.7	689.1	699.7	706.8	715.7	733.5	765.5	777.9	779.7	706.8
65°	593.2	587.9	593.2	614.5	616.3	626.9	646.5	669.6	696.2	692.6	587.9
67.5°	506.2	506.2	506.2	520.4	531.0	536.4	561.2	571.9	605.6	609.2	490.2
70°	426.2	424.5	426.2	436.9	444.0	456.4	479.5	492.0	518.6	527.5	397.8
72.5°	349.9	348.1	349.9	358.8	365.9	376.5	396.0	410.3	433.3	444.0	309.0
75°	282.4	278.8	282.4	289.5	287.7	301.9	317.9	332.1	353.4	360.5	229.1
77.5°	216.7	216.7	216.7	223.8	223.8	238.0	245.1	262.8	275.3	285.9	168.7
80°	161.6	159.8	161.6	163.4	163.4	170.5	182.9	195.4	206.0	206.0	115.4
82.5°	113.7	110.1	113.7	113.7	113.7	117.2	124.3	127.9	135.0	140.3	72.8
85°	71.0	71.0	71.0	72.8	71.0	74.6	76.4	79.9	79.9	76.4	44.4
87.5°	46.2	44.4	46.2	44.4	44.4	42.6	42.6	42.6	40.8	39.1	24.9
90°	34.9	34.9	34.9	34.9	34.9	46.5	62.1	69.9	60.1	40.5	25.8
92.5°	139.9	112.2	139.9	167.7	174.7	247.7	344.9	393.6	345.5	249.5	177.5
95°	487.9	403.7	487.9	572.0	593.1	778.9	1026.5	1150.3	971.6	614.0	345.8
97.5°	1169.0	1008.8	1169.0	1329.2	1369.2	1486.6	1643.2	1721.4	1423.3	827.0	379.8
100°	1684.2	1493.3	1684.2	1875.1	1922.8	1914.2	1902.7	1897.0	1566.2	904.5	408.3
102.5°	2191.1	2027.6	2191.1	2354.5	2395.4	2245.8	2046.4	1946.7	1611.2	940.1	436.8
105°	2837.2	2749.4	2837.2	2925.2	2947.1	2611.8	2164.7	1941.2	1616.2	966.4	479.1
107.5°	3260.6	3281.8	3260.6	3239.3	3234.0	2766.3	2142.7	1830.8	1544.3	971.3	541.6
110°	3422.0	3513.5	3422.0	3330.4	3307.5	2784.7	2087.5	1738.9	1480.6	964.0	576.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3436.4	3577.0	3436.4	3295.8	3260.6	2725.4	2011.9	1655.1	1424.9	964.3	618.8
115°	3345.3	3540.2	3345.3	3150.4	3101.6	2586.0	1898.6	1555.0	1361.0	973.2	682.3
117.5°	3152.0	3368.3	3152.0	2935.9	2881.8	2416.5	1796.2	1486.0	1321.1	991.3	743.9
120°	2996.4	3206.4	2996.4	2786.3	2733.8	2308.6	1741.8	1458.4	1307.6	1005.9	779.8
122.5°	2844.8	3052.0	2844.8	2637.5	2585.8	2203.0	1692.4	1437.2	1300.5	1027.1	822.0
125°	2628.5	2819.3	2628.5	2437.6	2389.9	2064.7	1631.1	1414.2	1294.7	1055.6	876.3
127.5°	2433.9	2594.9	2433.9	2272.8	2232.6	1953.4	1581.1	1395.0	1291.3	1084.2	928.8
130°	2319.3	2468.0	2319.3	2170.5	2133.3	1884.8	1553.3	1387.6	1293.4	1104.9	963.7
132.5°	2215.3	2348.5	2215.3	2082.0	2048.7	1826.2	1529.5	1381.1	1294.7	1121.8	992.2
135°	2072.8	2187.6	2072.8	1957.9	1929.2	1742.8	1494.3	1370.1	1293.5	1140.2	1025.3
137.5°	1958.4	2052.4	1958.4	1864.4	1840.9	1683.4	1473.3	1368.2	1301.5	1167.8	1067.6
140°	1880.0	1967.8	1880.0	1792.1	1770.1	1634.0	1452.6	1361.8	1302.8	1184.7	1096.1
142.5°	1814.9	1890.6	1814.9	1739.3	1720.4	1600.9	1441.5	1361.8	1307.5	1198.7	1117.2
145°	1717.5	1774.7	1717.5	1660.3	1646.0	1548.2	1417.8	1352.6	1307.5	1217.2	1149.4
147.5°	1642.7	1690.1	1642.7	1595.3	1583.5	1506.5	1403.9	1352.6	1316.5	1244.2	1189.9
150°	1595.6	1634.0	1595.6	1557.2	1547.6	1482.6	1395.9	1352.6	1321.2	1258.2	1211.1
152.5°	1555.3	1584.4	1555.3	1526.4	1519.1	1463.6	1389.6	1352.6	1324.2	1267.4	1224.8
155°	1509.1	1528.2	1509.1	1489.9	1485.1	1441.0	1382.1	1352.6	1330.9	1287.7	1255.2
157.5°	1472.5	1486.0	1472.5	1459.0	1455.6	1421.2	1375.5	1352.6	1337.7	1307.8	1285.5
160°	1450.5	1458.4	1450.5	1442.8	1440.9	1411.5	1372.2	1352.6	1340.8	1317.1	1299.3
162.5°	1436.3	1443.7	1436.3	1429.0	1427.1	1402.2	1369.1	1352.6	1344.0	1326.8	1314.0
165°	1415.6	1423.5	1415.6	1407.9	1406.0	1388.2	1364.5	1352.6	1348.7	1341.0	1335.2
167.5°	1400.8	1404.1	1400.8	1397.5	1396.7	1385.1	1369.6	1361.8	1358.6	1352.0	1347.1
170°	1396.7	1396.7	1396.7	1396.7	1396.7	1385.1	1369.6	1361.8	1361.7	1361.2	1360.9
172.5°	1385.8	1383.0	1385.8	1388.7	1389.5	1380.2	1368.0	1361.8	1361.8	1361.8	1361.8
175°	1379.3	1379.3	1379.3	1379.3	1379.3	1373.5	1365.7	1361.8	1363.7	1367.3	1370.1
177.5°	1373.4	1370.1	1373.4	1376.7	1377.5	1372.8	1366.7	1363.7	1365.1	1368.0	1370.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1903.8	1893.1	1893.1	1875.4	1868.3	1862.9	1854.1	1827.4	1820.3	1813.2	1823.9
5°	1919.8	1900.2	1886.0	1854.1	1827.4	1816.8	1783.0	1719.1	1676.5	1644.5	1626.7
7.5°	1923.3	1898.5	1871.8	1822.1	1758.2	1729.7	1626.7	1509.5	1477.5	1449.1	1431.4
10°	1919.8	1891.4	1854.1	1779.5	1628.5	1578.8	1475.8	1399.4	1379.9	1374.5	1379.9
12.5°	1907.3	1880.7	1829.2	1704.9	1493.5	1459.8	1399.4	1355.0	1351.4	1360.3	1408.3
15°	1886.0	1861.2	1800.8	1605.4	1418.9	1394.1	1351.4	1335.5	1355.0	1417.2	1561.0
17.5°	1864.7	1836.3	1761.7	1507.7	1362.1	1344.3	1314.2	1346.1	1456.2	1539.7	1587.7
20°	1836.3	1802.6	1717.3	1436.7	1321.3	1305.3	1291.1	1434.9	1518.4	1548.6	1575.2
22.5°	1802.6	1767.0	1656.9	1387.0	1278.6	1266.2	1275.1	1484.6	1518.4	1539.7	1562.8
25°	1758.2	1728.0	1585.9	1347.9	1244.9	1230.7	1264.4	1479.3	1498.9	1504.2	1550.4
27.5°	1717.3	1678.2	1511.3	1312.4	1204.0	1198.7	1273.3	1456.2	1470.4	1475.8	1525.5
30°	1667.6	1609.0	1427.8	1275.1	1161.4	1159.6	1275.1	1427.8	1424.3	1438.5	1488.2
32.5°	1616.1	1506.0	1333.7	1228.9	1120.6	1118.8	1262.6	1385.2	1381.6	1401.2	1438.5
35°	1568.1	1426.0	1205.8	1175.6	1069.1	1070.8	1232.5	1335.5	1337.2	1355.0	1378.1
37.5°	1518.4	1356.8	1065.5	1117.0	1019.4	1019.4	1191.6	1289.3	1285.7	1291.1	1323.0
40°	1459.8	1248.4	941.3	1040.7	973.2	967.9	1141.9	1239.6	1227.1	1225.4	1269.8
42.5°	1397.6	1129.4	848.9	939.5	920.0	912.9	1081.5	1179.2	1156.1	1161.4	1218.2
45°	1330.1	1097.5	777.9	793.9	864.9	859.6	1015.9	1109.9	1093.9	1108.1	1166.7
47.5°	1262.6	1033.6	754.8	658.9	806.3	804.5	943.1	1042.5	1033.6	1047.8	1109.9
50°	1170.3	962.6	753.0	564.8	740.6	747.7	856.0	976.8	976.8	989.2	1054.9
52.5°	1051.4	875.6	683.8	511.5	664.2	685.5	779.7	920.0	923.5	936.0	994.6
55°	943.1	785.0	634.0	470.6	573.6	619.8	705.1	861.4	868.5	880.9	934.2
57.5°	843.6	653.6	623.4	422.7	490.2	534.6	639.4	804.5	808.1	818.7	870.2
60°	737.0	472.4	571.9	371.2	417.4	451.1	579.0	737.0	749.5	756.6	801.0
62.5°	616.3	342.8	518.6	335.7	381.8	388.9	529.2	673.1	689.1	694.4	721.1
65°	438.7	287.7	440.4	305.5	344.5	346.3	476.0	607.4	621.6	630.5	650.0
67.5°	296.6	234.4	335.7	277.1	316.1	317.9	424.5	531.0	550.6	557.7	570.1
70°	206.0	156.3	248.6	246.9	284.2	287.7	369.4	461.8	479.5	484.8	492.0
72.5°	151.0	126.1	206.0	222.0	250.4	254.0	312.6	383.6	401.4	406.7	410.3
75°	115.4	133.2	166.9	193.6	213.1	214.9	255.7	312.6	325.0	328.6	330.3
77.5°	92.4	124.3	122.5	156.3	174.0	170.5	200.7	241.5	252.2	252.2	252.2
80°	69.3	97.7	92.4	111.9	127.9	124.3	143.9	172.3	175.8	179.4	177.6
82.5°	51.5	62.2	62.2	71.0	85.2	81.7	95.9	111.9	111.9	111.9	115.4
85°	32.0	35.5	28.4	37.3	48.0	46.2	53.3	60.4	62.2	62.2	58.6
87.5°	19.5	16.0	8.9	14.2	21.3	21.3	24.9	26.6	24.9	24.9	24.9
90°	23.9	16.6	9.2	16.6	23.9	25.8	40.5	60.1	69.9	62.1	46.5
92.5°	161.9	99.3	36.8	99.3	161.9	177.5	249.5	345.5	393.6	344.9	247.7
95°	317.2	202.7	88.3	202.7	317.2	345.8	614.0	971.6	1150.3	1026.5	778.9
97.5°	354.6	253.6	152.6	253.6	354.6	379.8	827.0	1423.3	1721.4	1643.2	1486.6
100°	385.4	293.8	202.3	293.8	385.4	408.3	904.5	1566.2	1897.0	1902.7	1914.2
102.5°	415.4	330.0	244.6	330.0	415.4	436.8	940.1	1611.2	1946.7	2046.4	2245.8
105°	461.0	388.7	316.3	388.7	461.0	479.1	966.4	1616.2	1941.2	2164.7	2611.8
107.5°	524.7	457.3	389.9	457.3	524.7	541.6	971.3	1544.3	1830.8	2142.7	2766.3
110°	561.4	500.5	439.6	500.5	561.4	576.6	964.0	1480.6	1738.9	2087.5	2784.7



TEST NUMBER: P935576

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	604.4	546.3	488.3	546.3	604.4	618.8	964.3	1424.9	1655.1	2011.9	2725.4
115°	668.8	615.4	561.8	615.4	668.8	682.3	973.2	1361.0	1555.0	1898.6	2586.0
117.5°	731.7	683.1	634.5	683.1	731.7	743.9	991.3	1321.1	1486.0	1796.2	2416.5
120°	768.3	722.6	676.7	722.6	768.3	779.8	1005.9	1307.6	1458.4	1741.8	2308.6
122.5°	810.5	764.3	718.1	764.3	810.5	822.0	1027.1	1300.5	1437.2	1692.4	2203.0
125°	865.8	823.7	781.6	823.7	865.8	876.3	1055.6	1294.7	1414.2	1631.1	2064.7
127.5°	918.1	875.7	833.1	875.7	918.1	928.8	1084.2	1291.3	1395.0	1581.1	1953.4
130°	952.2	906.5	860.6	906.5	952.2	963.7	1104.9	1293.4	1387.6	1553.3	1884.8
132.5°	980.7	935.0	889.2	935.0	980.7	992.2	1121.8	1294.7	1381.1	1529.5	1826.2
135°	1014.9	973.2	931.5	973.2	1014.9	1025.3	1140.2	1293.5	1370.1	1494.3	1742.8
137.5°	1057.3	1016.0	974.7	1016.0	1057.3	1067.6	1167.8	1301.5	1368.2	1473.3	1683.4
140°	1086.6	1048.6	1010.5	1048.6	1086.6	1096.1	1184.7	1302.8	1361.8	1452.6	1634.0
142.5°	1108.4	1073.3	1038.2	1073.3	1108.4	1117.2	1198.7	1307.5	1361.8	1441.5	1600.9
145°	1141.8	1111.1	1080.4	1111.1	1141.8	1149.4	1217.2	1307.5	1352.6	1417.8	1548.2
147.5°	1182.5	1152.6	1122.8	1152.6	1182.5	1189.9	1244.2	1316.5	1352.6	1403.9	1506.5
150°	1204.3	1177.3	1150.3	1177.3	1204.3	1211.1	1258.2	1321.2	1352.6	1395.9	1482.6
152.5°	1219.7	1199.2	1178.8	1199.2	1219.7	1224.8	1267.4	1324.2	1352.6	1389.6	1463.6
155°	1251.4	1236.3	1221.2	1236.3	1251.4	1255.2	1287.7	1330.9	1352.6	1382.1	1441.0
157.5°	1281.8	1267.1	1252.4	1267.1	1281.8	1285.5	1307.8	1337.7	1352.6	1375.5	1421.2
160°	1296.5	1285.0	1273.6	1285.0	1296.5	1299.3	1317.1	1340.8	1352.6	1372.2	1411.5
162.5°	1311.8	1303.2	1294.7	1303.2	1311.8	1314.0	1326.8	1344.0	1352.6	1369.1	1402.2
165°	1333.2	1325.5	1317.7	1325.5	1333.2	1335.2	1341.0	1348.7	1352.6	1364.5	1388.2
167.5°	1346.2	1342.5	1338.8	1342.5	1346.2	1347.1	1352.0	1358.6	1361.8	1369.6	1385.1
170°	1360.1	1356.3	1352.6	1356.3	1360.1	1360.9	1361.2	1361.7	1361.8	1369.6	1385.1
172.5°	1361.7	1360.8	1360.0	1360.8	1361.7	1361.8	1361.8	1361.8	1361.8	1368.0	1380.2
175°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1367.3	1363.7	1361.8	1365.7	1373.5
177.5°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1368.0	1365.1	1363.7	1366.7	1372.8
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



TEST NUMBER: P935576
 CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1811.4	1806.1	1813.2	1793.7	1813.2	1806.1	1811.4	1823.9	1813.2	1820.3	1827.4
5°	1589.4	1580.6	1552.1	1529.0	1552.1	1580.6	1589.4	1626.7	1644.5	1676.5	1719.1
7.5°	1420.7	1413.6	1406.5	1392.3	1406.5	1413.6	1420.7	1431.4	1449.1	1477.5	1509.5
10°	1383.4	1385.2	1395.8	1394.1	1395.8	1385.2	1383.4	1379.9	1374.5	1379.9	1399.4
12.5°	1479.3	1495.3	1553.9	1550.4	1553.9	1495.3	1479.3	1408.3	1360.3	1351.4	1355.0
15°	1589.4	1594.8	1607.2	1609.0	1607.2	1594.8	1589.4	1561.0	1417.2	1355.0	1335.5
17.5°	1600.1	1601.9	1610.7	1610.7	1610.7	1601.9	1600.1	1587.7	1539.7	1456.2	1346.1
20°	1591.2	1594.8	1612.5	1616.1	1612.5	1594.8	1591.2	1575.2	1548.6	1518.4	1434.9
22.5°	1587.7	1594.8	1609.0	1607.2	1609.0	1594.8	1587.7	1562.8	1539.7	1518.4	1484.6
25°	1569.9	1569.9	1571.7	1573.4	1571.7	1569.9	1569.9	1550.4	1504.2	1498.9	1479.3
27.5°	1532.6	1536.2	1546.8	1545.0	1546.8	1536.2	1532.6	1525.5	1475.8	1470.4	1456.2
30°	1498.9	1495.3	1486.4	1479.3	1486.4	1495.3	1498.9	1488.2	1438.5	1424.3	1427.8
32.5°	1442.0	1433.1	1424.3	1418.9	1424.3	1433.1	1442.0	1438.5	1401.2	1381.6	1385.2
35°	1374.5	1376.3	1374.5	1369.2	1374.5	1376.3	1374.5	1378.1	1355.0	1337.2	1335.5
37.5°	1326.6	1330.1	1328.4	1321.3	1328.4	1330.1	1326.6	1323.0	1291.1	1285.7	1289.3
40°	1276.9	1278.6	1276.9	1271.5	1276.9	1278.6	1276.9	1269.8	1225.4	1227.1	1239.6
42.5°	1228.9	1227.1	1221.8	1218.2	1221.8	1227.1	1228.9	1218.2	1161.4	1156.1	1179.2
45°	1173.8	1175.6	1165.0	1159.6	1165.0	1175.6	1173.8	1166.7	1108.1	1093.9	1109.9
47.5°	1118.8	1118.8	1109.9	1104.6	1109.9	1118.8	1118.8	1109.9	1047.8	1033.6	1042.5
50°	1060.2	1058.5	1046.1	1044.3	1046.1	1058.5	1060.2	1054.9	989.2	976.8	976.8
52.5°	992.8	992.8	994.6	998.1	994.6	992.8	992.8	994.6	936.0	923.5	920.0
55°	934.2	936.0	948.4	951.9	948.4	936.0	934.2	934.2	880.9	868.5	861.4
57.5°	873.8	873.8	882.7	882.7	882.7	873.8	873.8	870.2	818.7	808.1	804.5
60°	804.5	808.1	815.2	813.4	815.2	808.1	804.5	801.0	756.6	749.5	737.0
62.5°	731.7	735.3	737.0	733.5	737.0	735.3	731.7	721.1	694.4	689.1	673.1
65°	655.3	658.9	660.7	657.1	660.7	658.9	655.3	650.0	630.5	621.6	607.4
67.5°	577.2	575.4	573.6	580.8	573.6	575.4	577.2	570.1	557.7	550.6	531.0
70°	497.3	497.3	495.5	499.1	495.5	497.3	497.3	492.0	484.8	479.5	461.8
72.5°	412.0	410.3	417.4	412.0	417.4	410.3	412.0	410.3	406.7	401.4	383.6
75°	328.6	332.1	328.6	333.9	328.6	332.1	328.6	330.3	328.6	325.0	312.6
77.5°	250.4	254.0	250.4	250.4	250.4	254.0	250.4	252.2	252.2	252.2	241.5
80°	177.6	175.8	175.8	174.0	175.8	175.8	177.6	177.6	179.4	175.8	172.3
82.5°	113.7	111.9	111.9	115.4	111.9	111.9	113.7	115.4	111.9	111.9	111.9
85°	62.2	63.9	60.4	60.4	60.4	63.9	62.2	58.6	62.2	62.2	60.4
87.5°	23.1	21.3	21.3	21.3	21.3	21.3	23.1	24.9	24.9	24.9	26.6
90°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	46.5	62.1	69.9	60.1
92.5°	174.7	167.7	139.9	112.2	139.9	167.7	174.7	247.7	344.9	393.6	345.5
95°	593.1	572.0	487.9	403.7	487.9	572.0	593.1	778.9	1026.5	1150.3	971.6
97.5°	1369.2	1329.2	1169.0	1008.8	1169.0	1329.2	1369.2	1486.6	1643.2	1721.4	1423.3
100°	1922.8	1875.1	1684.2	1493.3	1684.2	1875.1	1922.8	1914.2	1902.7	1897.0	1566.2
102.5°	2395.4	2354.5	2191.1	2027.6	2191.1	2354.5	2395.4	2245.8	2046.4	1946.7	1611.2
105°	2947.1	2925.2	2837.2	2749.4	2837.2	2925.2	2947.1	2611.8	2164.7	1941.2	1616.2
107.5°	3234.0	3239.3	3260.6	3281.8	3260.6	3239.3	3234.0	2766.3	2142.7	1830.8	1544.3
110°	3307.5	3330.4	3422.0	3513.5	3422.0	3330.4	3307.5	2784.7	2087.5	1738.9	1480.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3260.6	3295.8	3436.4	3577.0	3436.4	3295.8	3260.6	2725.4	2011.9	1655.1	1424.9
115°	3101.6	3150.4	3345.3	3540.2	3345.3	3150.4	3101.6	2586.0	1898.6	1555.0	1361.0
117.5°	2881.8	2935.9	3152.0	3368.3	3152.0	2935.9	2881.8	2416.5	1796.2	1486.0	1321.1
120°	2733.8	2786.3	2996.4	3206.4	2996.4	2786.3	2733.8	2308.6	1741.8	1458.4	1307.6
122.5°	2585.8	2637.5	2844.8	3052.0	2844.8	2637.5	2585.8	2203.0	1692.4	1437.2	1300.5
125°	2389.9	2437.6	2628.5	2819.3	2628.5	2437.6	2389.9	2064.7	1631.1	1414.2	1294.7
127.5°	2232.6	2272.8	2433.9	2594.9	2433.9	2272.8	2232.6	1953.4	1581.1	1395.0	1291.3
130°	2133.3	2170.5	2319.3	2468.0	2319.3	2170.5	2133.3	1884.8	1553.3	1387.6	1293.4
132.5°	2048.7	2082.0	2215.3	2348.5	2215.3	2082.0	2048.7	1826.2	1529.5	1381.1	1294.7
135°	1929.2	1957.9	2072.8	2187.6	2072.8	1957.9	1929.2	1742.8	1494.3	1370.1	1293.5
137.5°	1840.9	1864.4	1958.4	2052.4	1958.4	1864.4	1840.9	1683.4	1473.3	1368.2	1301.5
140°	1770.1	1792.1	1880.0	1967.8	1880.0	1792.1	1770.1	1634.0	1452.6	1361.8	1302.8
142.5°	1720.4	1739.3	1814.9	1890.6	1814.9	1739.3	1720.4	1600.9	1441.5	1361.8	1307.5
145°	1646.0	1660.3	1717.5	1774.7	1717.5	1660.3	1646.0	1548.2	1417.8	1352.6	1307.5
147.5°	1583.5	1595.3	1642.7	1690.1	1642.7	1595.3	1583.5	1506.5	1403.9	1352.6	1316.5
150°	1547.6	1557.2	1595.6	1634.0	1595.6	1557.2	1547.6	1482.6	1395.9	1352.6	1321.2
152.5°	1519.1	1526.4	1555.3	1584.4	1555.3	1526.4	1519.1	1463.6	1389.6	1352.6	1324.2
155°	1485.1	1489.9	1509.1	1528.2	1509.1	1489.9	1485.1	1441.0	1382.1	1352.6	1330.9
157.5°	1455.6	1459.0	1472.5	1486.0	1472.5	1459.0	1455.6	1421.2	1375.5	1352.6	1337.7
160°	1440.9	1442.8	1450.5	1458.4	1450.5	1442.8	1440.9	1411.5	1372.2	1352.6	1340.8
162.5°	1427.1	1429.0	1436.3	1443.7	1436.3	1429.0	1427.1	1402.2	1369.1	1352.6	1344.0
165°	1406.0	1407.9	1415.6	1423.5	1415.6	1407.9	1406.0	1388.2	1364.5	1352.6	1348.7
167.5°	1396.7	1397.5	1400.8	1404.1	1400.8	1397.5	1396.7	1385.1	1369.6	1361.8	1358.6
170°	1396.7	1396.7	1396.7	1396.7	1396.7	1396.7	1396.7	1385.1	1369.6	1361.8	1361.7
172.5°	1389.5	1388.7	1385.8	1383.0	1385.8	1388.7	1389.5	1380.2	1368.0	1361.8	1361.8
175°	1379.3	1379.3	1379.3	1379.3	1379.3	1379.3	1379.3	1373.5	1365.7	1361.8	1363.7
177.5°	1377.5	1376.7	1373.4	1370.1	1373.4	1376.7	1377.5	1372.8	1366.7	1363.7	1365.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1854.1	1862.9	1868.3	1875.4	1893.1
5°	1783.0	1816.8	1827.4	1854.1	1886.0
7.5°	1626.7	1729.7	1758.2	1822.1	1871.8
10°	1475.8	1578.8	1628.5	1779.5	1854.1
12.5°	1399.4	1459.8	1493.5	1704.9	1829.2
15°	1351.4	1394.1	1418.9	1605.4	1800.8
17.5°	1314.2	1344.3	1362.1	1507.7	1761.7
20°	1291.1	1305.3	1321.3	1436.7	1717.3
22.5°	1275.1	1266.2	1278.6	1387.0	1656.9
25°	1264.4	1230.7	1244.9	1347.9	1585.9
27.5°	1273.3	1198.7	1204.0	1312.4	1511.3
30°	1275.1	1159.6	1161.4	1275.1	1427.8
32.5°	1262.6	1118.8	1120.6	1228.9	1333.7
35°	1232.5	1070.8	1069.1	1175.6	1205.8
37.5°	1191.6	1019.4	1019.4	1117.0	1065.5
40°	1141.9	967.9	973.2	1040.7	941.3
42.5°	1081.5	912.9	920.0	939.5	848.9
45°	1015.9	859.6	864.9	793.9	777.9
47.5°	943.1	804.5	806.3	658.9	754.8
50°	856.0	747.7	740.6	564.8	753.0
52.5°	779.7	685.5	664.2	511.5	683.8
55°	705.1	619.8	573.6	470.6	634.0
57.5°	639.4	534.6	490.2	422.7	623.4
60°	579.0	451.1	417.4	371.2	571.9
62.5°	529.2	388.9	381.8	335.7	518.6
65°	476.0	346.3	344.5	305.5	440.4
67.5°	424.5	317.9	316.1	277.1	335.7
70°	369.4	287.7	284.2	246.9	248.6
72.5°	312.6	254.0	250.4	222.0	206.0
75°	255.7	214.9	213.1	193.6	166.9
77.5°	200.7	170.5	174.0	156.3	122.5
80°	143.9	124.3	127.9	111.9	92.4
82.5°	95.9	81.7	85.2	71.0	62.2
85°	53.3	46.2	48.0	37.3	28.4
87.5°	24.9	21.3	21.3	14.2	8.9
90°	40.5	25.8	23.9	16.6	9.2
92.5°	249.5	177.5	161.9	99.3	36.8
95°	614.0	345.8	317.2	202.7	88.3
97.5°	827.0	379.8	354.6	253.6	152.6
100°	904.5	408.3	385.4	293.8	202.3
102.5°	940.1	436.8	415.4	330.0	244.6
105°	966.4	479.1	461.0	388.7	316.3
107.5°	971.3	541.6	524.7	457.3	389.9
110°	964.0	576.6	561.4	500.5	439.6



TEST NUMBER: P935576

CATALOG NUMBER: SQ4-FA-125U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	964.3	618.8	604.4	546.3	488.3
115°	973.2	682.3	668.8	615.4	561.8
117.5°	991.3	743.9	731.7	683.1	634.5
120°	1005.9	779.8	768.3	722.6	676.7
122.5°	1027.1	822.0	810.5	764.3	718.1
125°	1055.6	876.3	865.8	823.7	781.6
127.5°	1084.2	928.8	918.1	875.7	833.1
130°	1104.9	963.7	952.2	906.5	860.6
132.5°	1121.8	992.2	980.7	935.0	889.2
135°	1140.2	1025.3	1014.9	973.2	931.5
137.5°	1167.8	1067.6	1057.3	1016.0	974.7
140°	1184.7	1096.1	1086.6	1048.6	1010.5
142.5°	1198.7	1117.2	1108.4	1073.3	1038.2
145°	1217.2	1149.4	1141.8	1111.1	1080.4
147.5°	1244.2	1189.9	1182.5	1152.6	1122.8
150°	1258.2	1211.1	1204.3	1177.3	1150.3
152.5°	1267.4	1224.8	1219.7	1199.2	1178.8
155°	1287.7	1255.2	1251.4	1236.3	1221.2
157.5°	1307.8	1285.5	1281.8	1267.1	1252.4
160°	1317.1	1299.3	1296.5	1285.0	1273.6
162.5°	1326.8	1314.0	1311.8	1303.2	1294.7
165°	1341.0	1335.2	1333.2	1325.5	1317.7
167.5°	1352.0	1347.1	1346.2	1342.5	1338.8
170°	1361.2	1360.9	1360.1	1356.3	1352.6
172.5°	1361.8	1361.8	1361.7	1360.8	1360.0
175°	1367.3	1370.1	1370.1	1370.1	1370.1
177.5°	1368.0	1370.1	1370.1	1370.1	1370.1
180°	1370.1	1370.1	1370.1	1370.1	1370.1



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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	10.81	11.55	11.88	12.62	14.09	13.64	14.39	14.72	15.46	16.93
	3H	11.27	11.94	12.36	13.02	14.51	14.98	15.65	16.06	16.73	18.21
	4H	11.46	12.09	12.55	13.18	14.66	15.42	16.05	16.52	17.14	18.63
	6H	11.57	12.15	12.67	13.24	14.74	15.70	16.28	16.81	17.37	18.87
	8H	11.57	12.12	12.68	13.23	14.72	15.77	16.33	16.88	17.43	18.93
	12H	11.54	12.06	12.65	13.16	14.68	15.81	16.34	16.92	17.43	18.95
4H	2H	11.83	12.46	12.93	13.54	15.03	14.04	14.67	15.14	15.75	17.24
	3H	12.84	13.37	13.95	14.48	15.98	15.53	16.06	16.64	17.17	18.67
	4H	13.11	13.60	14.22	14.70	16.22	16.06	16.54	17.17	17.64	19.17
	6H	13.23	13.65	14.35	14.77	16.28	16.42	16.83	17.54	17.96	19.47
	8H	13.23	13.62	14.35	14.74	16.27	16.52	16.91	17.64	18.03	19.56
	12H	13.19	13.55	14.33	14.67	16.21	16.58	16.93	17.71	18.06	19.59
8H	4H	13.56	13.94	14.68	15.06	16.59	16.17	16.56	17.29	17.68	19.21
	6H	13.81	14.13	14.95	15.29	16.82	16.61	16.93	17.75	18.08	19.61
	8H	13.86	14.14	15.00	15.27	16.82	16.76	17.04	17.91	18.18	19.73
	12H	13.83	14.08	14.98	15.21	16.80	16.85	17.10	18.00	18.23	19.82
12H	4H	13.56	13.91	14.69	15.04	16.57	16.13	16.48	17.27	17.61	19.15
	6H	13.87	14.15	15.02	15.29	16.84	16.60	16.88	17.75	18.02	19.57
	8H	13.94	14.18	15.09	15.32	16.90	16.76	17.01	17.91	18.14	19.73