

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: P935572

Luminaire Tested: SQ4-FA-125U-075D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

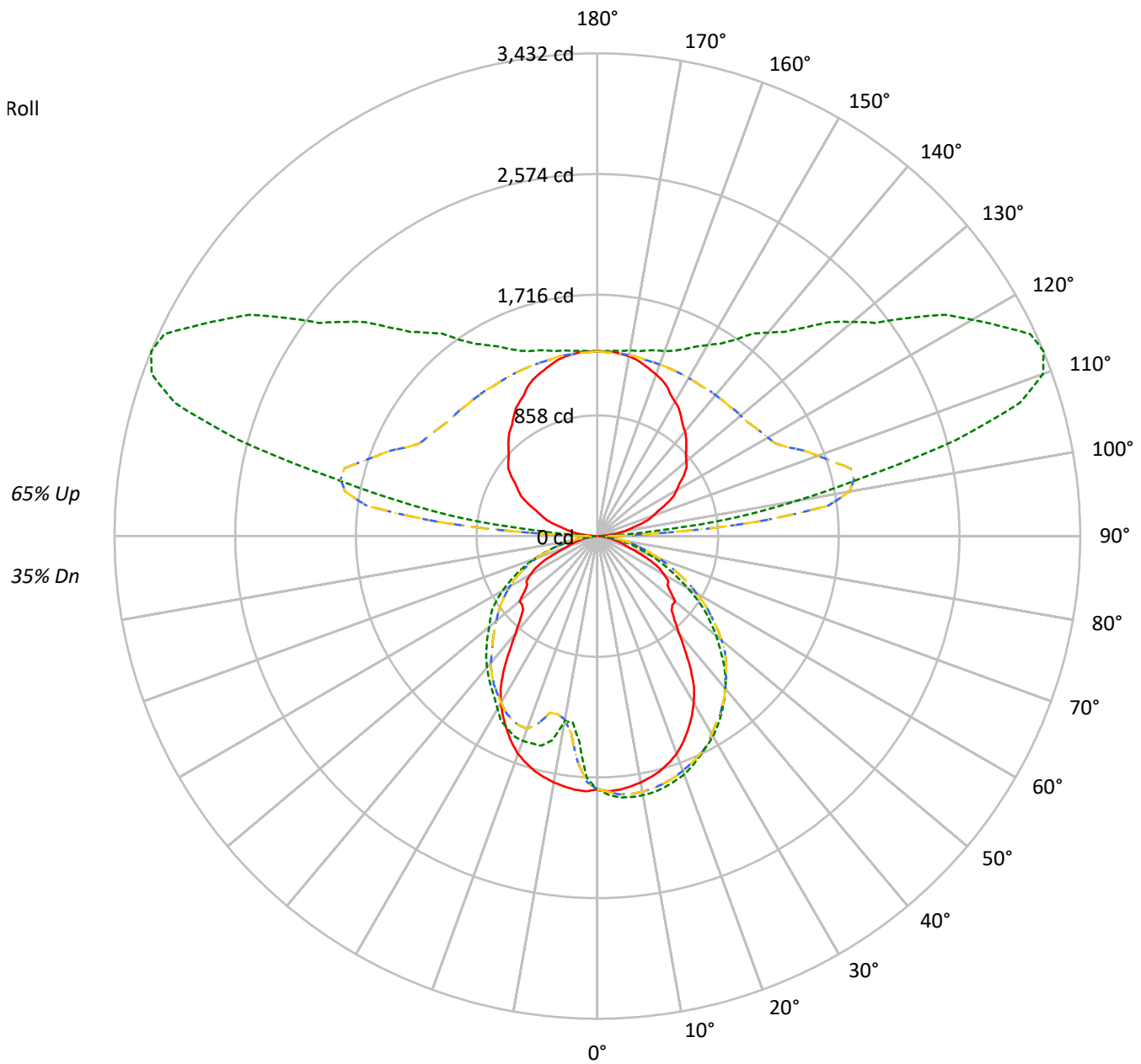
Test Method: LM-79-2019  
Report Number: P935572  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-935-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13196.7 lumens  
Efficiency: N/A  
Efficacy: 118.7 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°	8356	8356	8356	8356
5°	8419	8435	8419	6633
10°	8362	8309	8362	5940
15°	8271	8129	8271	6788
20°	8098	7916	8098	6802
25°	7744	7605	7744	6658
30°	7286	7347	7286	6341
35°	6496	7020	6496	5994
40°	5413	6635	5413	5731
45°	4837	6185	4837	5428
50°	5138	5648	5138	5126
55°	4834	5070	4834	4950
60°	4984	4306	4984	4534
65°	4518	3560	4518	3979
70°	3129	2837	3129	3335
75°	2744	2097	2744	2511
80°	2211	1387	2211	1510
85°	1272	735	1272	624

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 7412 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	162.6	1.2
10°-20°	461.6	3.5
20°-30°	713.5	5.4
30°-40°	851.8	6.5
40°-50°	856.8	6.5
50°-60°	745.6	5.6
60°-70°	528.6	4.0
70°-80°	279.7	2.1
80°-90°	74.7	0.6
90°-100°	640.8	4.9
100°-110°	1684.7	12.8
110°-120°	1746.8	13.2
120°-130°	1401.1	10.6
130°-140°	1099.4	8.3
140°-150°	843.8	6.4
150°-160°	607.7	4.6
160°-170°	371.8	2.8
170°-180°	125.6	1.0
0°-30°	1337.7	10.1
0°-40°	2189.5	16.6
0°-60°	3791.9	28.7
0°-90°	4674.9	35.4
90°-120°	4072.3	30.9
90°-150°	7416.7	56.2
90°-180°	8522.0	64.6
0°-180°	13196.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1801	1801	1801	1801	1801	
5°	1810	1866	1810	1467	1810	172
15°	1728	1849	1728	1544	1728	486
25°	1522	1724	1522	1510	1522	699
35°	1157	1539	1157	1314	1157	716
45°	746	1268	746	1113	746	598
55°	608	936	608	913	608	559
65°	423	564	423	630	423	404
75°	160	268	160	320	160	168
85°	27	68	27	58	27	37
90°	9	34	9	34	9	8
95°	85	387	85	387	85	94
105°	304	2638	304	2638	304	322
115°	539	3397	539	3397	539	532
125°	750	2705	750	2705	750	666
135°	894	2099	894	2099	894	691
145°	1037	1703	1037	1703	1037	649
155°	1172	1466	1172	1466	1172	538
165°	1264	1366	1264	1366	1264	357
175°	1315	1323	1315	1323	1315	125
180°	1315	1315	1315	1315	1315	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1816.4	1816.4	1826.6	1830.0	1830.0	1824.9	1819.8	1824.9	1840.2	1845.3	1843.6
5°	1809.6	1823.2	1841.9	1845.3	1848.8	1847.1	1843.6	1847.1	1864.1	1867.5	1869.2
7.5°	1795.9	1821.5	1845.3	1850.5	1855.6	1850.5	1848.8	1852.2	1869.2	1872.6	1872.6
10°	1778.9	1814.7	1841.9	1845.3	1850.5	1845.3	1845.3	1852.2	1869.2	1872.6	1874.3
12.5°	1755.0	1804.5	1830.0	1833.4	1840.2	1838.5	1836.8	1843.6	1860.7	1864.1	1864.1
15°	1727.8	1785.7	1809.6	1813.0	1824.9	1821.5	1821.5	1828.3	1847.1	1852.2	1850.5
17.5°	1690.3	1761.9	1789.1	1794.2	1802.7	1801.0	1802.7	1809.6	1826.6	1830.0	1831.7
20°	1647.7	1729.5	1761.9	1767.0	1775.5	1775.5	1775.5	1784.0	1801.0	1807.9	1807.9
22.5°	1589.7	1695.4	1729.5	1732.9	1743.1	1743.1	1746.5	1758.4	1773.8	1775.5	1775.5
25°	1521.6	1657.9	1686.9	1697.1	1707.3	1712.4	1717.5	1724.4	1729.5	1727.8	1729.5
27.5°	1450.0	1610.2	1647.7	1654.5	1668.1	1673.2	1680.1	1681.8	1683.5	1688.6	1685.2
30°	1369.9	1543.7	1600.0	1606.8	1628.9	1632.3	1625.5	1628.9	1637.5	1640.9	1644.3
32.5°	1279.6	1444.9	1550.6	1565.9	1586.3	1576.1	1574.4	1579.5	1593.2	1593.2	1596.6
35°	1156.9	1368.2	1504.5	1518.2	1533.5	1521.6	1528.4	1530.1	1538.6	1543.7	1542.0
37.5°	1022.3	1301.8	1456.8	1467.1	1479.0	1463.7	1473.9	1479.0	1485.8	1482.4	1482.4
40°	903.1	1197.8	1400.6	1407.4	1417.6	1405.7	1415.9	1419.3	1422.8	1419.3	1417.6
42.5°	814.5	1083.7	1341.0	1349.5	1342.7	1351.2	1354.6	1361.4	1356.3	1349.5	1349.5
45°	746.4	1053.0	1276.2	1286.4	1276.2	1289.8	1295.0	1295.0	1279.6	1276.2	1274.5
47.5°	724.2	991.7	1211.5	1211.5	1206.3	1223.4	1231.9	1220.0	1204.6	1199.5	1199.5
50°	722.5	923.6	1122.9	1116.0	1139.9	1160.3	1151.8	1139.9	1128.0	1109.2	1109.2
52.5°	656.0	840.1	1008.8	1034.2	1071.7	1083.7	1070.0	1058.1	1037.7	1029.1	1022.3
55°	608.3	753.2	904.8	955.9	995.1	1010.5	984.9	973.0	942.3	937.2	933.8
57.5°	598.1	627.1	809.4	874.2	921.9	920.2	904.8	882.7	857.1	852.0	850.3
60°	548.7	453.3	707.2	783.8	833.3	828.1	814.5	794.1	770.2	766.8	763.4
62.5°	497.6	328.9	591.3	678.2	748.1	746.4	734.4	703.8	686.7	678.2	671.4
65°	422.6	276.0	420.9	564.0	664.6	668.0	642.4	620.3	601.5	591.3	589.6
67.5°	322.1	224.9	284.6	470.3	584.5	581.1	548.7	538.5	514.6	509.5	499.3
70°	238.6	150.0	197.7	381.7	506.1	497.6	472.0	460.1	437.9	426.0	419.2
72.5°	197.7	121.0	144.8	296.5	426.0	415.8	393.6	380.0	361.2	351.0	344.2
75°	160.2	127.8	110.8	219.8	345.9	339.1	318.6	305.0	289.7	276.0	277.8
77.5°	117.6	119.3	88.6	161.9	274.3	264.1	252.2	235.2	228.3	214.7	214.7
80°	88.6	93.7	66.5	110.8	197.7	197.7	187.4	175.5	163.6	156.8	156.8
82.5°	59.6	59.6	49.4	69.9	134.6	129.5	122.7	119.3	112.5	109.1	109.1
85°	27.3	34.1	30.7	42.6	73.3	76.7	76.7	73.3	71.6	68.2	69.9
87.5°	8.5	15.3	18.7	23.9	37.5	39.2	40.9	40.9	40.9	42.6	42.6
90°	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6	33.5	33.5
92.5°	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6	167.6	160.9
95°	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3	569.1	548.9
97.5°	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3	1313.7	1275.3
100°	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6	1844.8	1799.1
102.5°	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8	2298.3	2259.1
105°	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9	2827.6	2806.6
107.5°	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2	3102.9	3108.0
110°	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8	3173.4	3195.4



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0	3128.5	3162.2
115°	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2	2975.9	3022.6
117.5°	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5	2765.0	2816.9
120°	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0	2623.0	2673.3
122.5°	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6	2480.9	2530.6
125°	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0	2293.0	2338.7
127.5°	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2	2142.1	2180.7
130°	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4	2046.8	2082.5
132.5°	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1	1965.6	1997.6
135°	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1	1851.0	1878.5
137.5°	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1	1766.3	1788.9
140°	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8	1698.4	1719.4
142.5°	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0	1650.7	1668.8
145°	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5	1579.3	1593.0
147.5°	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4	1519.3	1530.6
150°	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5	1484.9	1494.1
152.5°	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3	1457.5	1464.5
155°	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5	1424.9	1429.5
157.5°	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6	1396.6	1399.8
160°	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3	1382.5	1384.3
162.5°	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4	1369.2	1371.0
165°	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9	1349.0	1350.8
167.5°	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9	1340.1	1340.9
170°	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9	1340.1	1340.1
172.5°	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3	1333.1	1332.4
175°	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8	1323.4	1323.4
177.5°	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2	1321.6	1320.9
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1847.1	1841.9	1847.1	1843.6	1845.3	1840.2	1824.9	1819.8	1824.9	1830.0	1830.0
5°	1869.2	1865.8	1869.2	1869.2	1867.5	1864.1	1847.1	1843.6	1847.1	1848.8	1845.3
7.5°	1876.0	1870.9	1876.0	1872.6	1872.6	1869.2	1852.2	1848.8	1850.5	1855.6	1850.5
10°	1876.0	1870.9	1876.0	1874.3	1872.6	1869.2	1852.2	1845.3	1845.3	1850.5	1845.3
12.5°	1867.5	1864.1	1867.5	1864.1	1864.1	1860.7	1843.6	1836.8	1838.5	1840.2	1833.4
15°	1853.9	1848.8	1853.9	1850.5	1852.2	1847.1	1828.3	1821.5	1821.5	1824.9	1813.0
17.5°	1833.4	1826.6	1833.4	1831.7	1830.0	1826.6	1809.6	1802.7	1801.0	1802.7	1794.2
20°	1809.6	1804.5	1809.6	1807.9	1807.9	1801.0	1784.0	1775.5	1775.5	1775.5	1767.0
22.5°	1772.1	1767.0	1772.1	1775.5	1775.5	1773.8	1758.4	1746.5	1743.1	1743.1	1732.9
25°	1729.5	1724.4	1729.5	1729.5	1727.8	1729.5	1724.4	1717.5	1712.4	1707.3	1697.1
27.5°	1688.6	1685.2	1688.6	1685.2	1688.6	1683.5	1681.8	1680.1	1673.2	1668.1	1654.5
30°	1647.7	1644.3	1647.7	1644.3	1640.9	1637.5	1628.9	1625.5	1632.3	1628.9	1606.8
32.5°	1596.6	1593.2	1596.6	1596.6	1593.2	1593.2	1579.5	1574.4	1576.1	1586.3	1565.9
35°	1543.7	1538.6	1543.7	1542.0	1543.7	1538.6	1530.1	1528.4	1521.6	1533.5	1518.2
37.5°	1482.4	1477.3	1482.4	1482.4	1482.4	1485.8	1479.0	1473.9	1463.7	1479.0	1467.1
40°	1419.3	1412.5	1419.3	1417.6	1419.3	1422.8	1419.3	1415.9	1405.7	1417.6	1407.4
42.5°	1347.8	1346.1	1347.8	1349.5	1349.5	1356.3	1361.4	1354.6	1351.2	1342.7	1349.5
45°	1271.1	1267.7	1271.1	1274.5	1276.2	1279.6	1295.0	1295.0	1289.8	1276.2	1286.4
47.5°	1189.3	1180.8	1189.3	1199.5	1199.5	1204.6	1220.0	1231.9	1223.4	1206.3	1211.5
50°	1102.4	1104.1	1102.4	1109.2	1109.2	1128.0	1139.9	1151.8	1160.3	1139.9	1116.0
52.5°	1017.2	1015.6	1017.2	1022.3	1029.1	1037.7	1058.1	1070.0	1083.7	1071.7	1034.2
55°	932.1	935.5	932.1	933.8	937.2	942.3	973.0	984.9	1010.5	995.1	955.9
57.5°	846.9	841.8	846.9	850.3	852.0	857.1	882.7	904.8	920.2	921.9	874.2
60°	748.1	741.2	748.1	763.4	766.8	770.2	794.1	814.5	828.1	833.3	783.8
62.5°	661.2	649.2	661.2	671.4	678.2	686.7	703.8	734.4	746.4	748.1	678.2
65°	569.1	564.0	569.1	589.6	591.3	601.5	620.3	642.4	668.0	664.6	564.0
67.5°	485.6	485.6	485.6	499.3	509.5	514.6	538.5	548.7	581.1	584.5	470.3
70°	409.0	407.3	409.0	419.2	426.0	437.9	460.1	472.0	497.6	506.1	381.7
72.5°	335.7	334.0	335.7	344.2	351.0	361.2	380.0	393.6	415.8	426.0	296.5
75°	270.9	267.5	270.9	277.8	276.0	289.7	305.0	318.6	339.1	345.9	219.8
77.5°	207.9	207.9	207.9	214.7	214.7	228.3	235.2	252.2	264.1	274.3	161.9
80°	155.1	153.4	155.1	156.8	156.8	163.6	175.5	187.4	197.7	197.7	110.8
82.5°	109.1	105.6	109.1	109.1	109.1	112.5	119.3	122.7	129.5	134.6	69.9
85°	68.2	68.2	68.2	69.9	68.2	71.6	73.3	76.7	76.7	73.3	42.6
87.5°	44.3	42.6	44.3	42.6	42.6	40.9	40.9	40.9	39.2	37.5	23.9
90°	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7	38.9	24.7
92.5°	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5	239.4	170.3
95°	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2	589.1	331.8
97.5°	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6	793.5	364.4
100°	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7	867.8	391.7
102.5°	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9	902.0	419.1
105°	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7	927.2	459.7
107.5°	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7	931.9	519.6
110°	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5	924.9	553.2





TEST NUMBER: P935572

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1	925.2	593.8
115°	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9	933.7	654.6
117.5°	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5	951.1	713.7
120°	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6	965.1	748.1
122.5°	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8	985.4	788.7
125°	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2	1012.8	840.8
127.5°	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0	1040.2	891.1
130°	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9	1060.1	924.6
132.5°	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2	1076.3	951.9
135°	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0	1094.0	983.7
137.5°	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7	1120.5	1024.3
140°	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0	1136.7	1051.6
142.5°	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5	1150.1	1071.9
145°	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5	1167.8	1102.8
147.5°	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1	1193.7	1141.7
150°	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6	1207.2	1162.0
152.5°	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5	1216.1	1175.2
155°	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0	1235.5	1204.3
157.5°	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5	1254.8	1233.4
160°	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4	1263.7	1246.6
162.5°	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5	1273.1	1260.7
165°	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0	1286.6	1281.1
167.5°	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5	1297.2	1292.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5	1306.0	1305.8
172.5°	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4	1311.9	1314.6
177.5°	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8	1312.5	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1826.6	1816.4	1816.4	1799.3	1792.5	1787.4	1778.9	1753.3	1746.5	1739.7	1749.9
5°	1841.9	1823.2	1809.6	1778.9	1753.3	1743.1	1710.7	1649.4	1608.5	1577.8	1560.8
7.5°	1845.3	1821.5	1795.9	1748.2	1686.9	1659.6	1560.8	1448.3	1417.6	1390.4	1373.3
10°	1841.9	1814.7	1778.9	1707.3	1562.5	1514.8	1415.9	1342.7	1323.9	1318.8	1323.9
12.5°	1830.0	1804.5	1755.0	1635.8	1433.0	1400.6	1342.7	1300.1	1296.7	1305.2	1351.2
15°	1809.6	1785.7	1727.8	1540.3	1361.4	1337.6	1296.7	1281.3	1300.1	1359.7	1497.7
17.5°	1789.1	1761.9	1690.3	1446.6	1306.9	1289.8	1260.9	1291.5	1397.2	1477.3	1523.3
20°	1761.9	1729.5	1647.7	1378.5	1267.7	1252.4	1238.7	1376.7	1456.8	1485.8	1511.4
22.5°	1729.5	1695.4	1589.7	1330.7	1226.8	1214.9	1223.4	1424.5	1456.8	1477.3	1499.4
25°	1686.9	1657.9	1521.6	1293.3	1194.4	1180.8	1213.2	1419.3	1438.1	1443.2	1487.5
27.5°	1647.7	1610.2	1450.0	1259.2	1155.2	1150.1	1221.7	1397.2	1410.8	1415.9	1463.7
30°	1600.0	1543.7	1369.9	1223.4	1114.3	1112.6	1223.4	1369.9	1366.5	1380.2	1427.9
32.5°	1550.6	1444.9	1279.6	1179.1	1075.1	1073.4	1211.5	1329.0	1325.6	1344.4	1380.2
35°	1504.5	1368.2	1156.9	1128.0	1025.7	1027.4	1182.5	1281.3	1283.0	1300.1	1322.2
37.5°	1456.8	1301.8	1022.3	1071.7	978.1	978.1	1143.3	1237.0	1233.6	1238.7	1269.4
40°	1400.6	1197.8	903.1	998.5	933.8	928.7	1095.6	1189.3	1177.4	1175.7	1218.3
42.5°	1341.0	1083.7	814.5	901.4	882.7	875.9	1037.7	1131.4	1109.2	1114.3	1168.9
45°	1276.2	1053.0	746.4	761.7	829.8	824.7	974.7	1064.9	1049.6	1063.2	1119.4
47.5°	1211.5	991.7	724.2	632.2	773.6	771.9	904.8	1000.2	991.7	1005.4	1064.9
50°	1122.9	923.6	722.5	541.9	710.6	717.4	821.3	937.2	937.2	949.1	1012.2
52.5°	1008.8	840.1	656.0	490.8	637.3	657.7	748.1	882.7	886.1	898.0	954.2
55°	904.8	753.2	608.3	451.6	550.4	594.7	676.5	826.4	833.3	845.2	896.3
57.5°	809.4	627.1	598.1	405.6	470.3	512.9	613.4	771.9	775.3	785.5	835.0
60°	707.2	453.3	548.7	356.1	400.4	432.8	555.5	707.2	719.1	725.9	768.5
62.5°	591.3	328.9	497.6	322.1	366.4	373.2	507.8	645.8	661.2	666.3	691.8
65°	420.9	276.0	422.6	293.1	330.6	332.3	456.7	582.8	596.4	604.9	623.7
67.5°	284.6	224.9	322.1	265.8	303.3	305.0	407.3	509.5	528.2	535.1	547.0
70°	197.7	150.0	238.6	236.9	272.6	276.0	354.4	443.0	460.1	465.2	472.0
72.5°	144.8	121.0	197.7	213.0	240.3	243.7	299.9	368.1	385.1	390.2	393.6
75°	110.8	127.8	160.2	185.7	204.5	206.2	245.4	299.9	311.8	315.2	316.9
77.5°	88.6	119.3	117.6	150.0	167.0	163.6	192.6	231.7	242.0	242.0	242.0
80°	66.5	93.7	88.6	107.4	122.7	119.3	138.0	165.3	168.7	172.1	170.4
82.5°	49.4	59.6	59.6	68.2	81.8	78.4	92.0	107.4	107.4	107.4	110.8
85°	30.7	34.1	27.3	35.8	46.0	44.3	51.1	57.9	59.6	59.6	56.2
87.5°	18.7	15.3	8.5	13.6	20.4	20.4	23.9	25.6	23.9	23.9	23.9
90°	22.9	15.9	8.9	15.9	22.9	24.7	38.9	57.7	67.1	59.6	44.6
92.5°	155.3	95.3	35.3	95.3	155.3	170.3	239.4	331.5	377.6	330.9	237.6
95°	304.3	194.5	84.7	194.5	304.3	331.8	589.1	932.2	1103.7	984.9	747.3
97.5°	340.2	243.3	146.5	243.3	340.2	364.4	793.5	1365.6	1651.6	1576.5	1426.3
100°	369.8	281.9	194.1	281.9	369.8	391.7	867.8	1502.7	1820.1	1825.6	1836.6
102.5°	398.6	316.6	234.6	316.6	398.6	419.1	902.0	1545.9	1867.8	1963.4	2154.8
105°	442.3	372.9	303.5	372.9	442.3	459.7	927.2	1550.7	1862.5	2076.9	2505.9
107.5°	503.4	438.8	374.1	438.8	503.4	519.6	931.9	1481.7	1756.6	2055.8	2654.2
110°	538.6	480.2	421.7	480.2	538.6	553.2	924.9	1420.5	1668.4	2002.9	2671.8



TEST NUMBER: P935572

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	579.9	524.2	468.5	524.2	579.9	593.8	925.2	1367.1	1588.0	1930.4	2615.0
115°	641.7	590.4	539.1	590.4	641.7	654.6	933.7	1305.9	1491.9	1821.7	2481.2
117.5°	702.0	655.4	608.8	655.4	702.0	713.7	951.1	1267.5	1425.7	1723.3	2318.5
120°	737.2	693.3	649.3	693.3	737.2	748.1	965.1	1254.6	1399.2	1671.2	2215.0
122.5°	777.6	733.3	689.0	733.3	777.6	788.7	985.4	1247.8	1379.0	1623.8	2113.6
125°	830.7	790.3	749.9	790.3	830.7	840.8	1012.8	1242.2	1356.9	1565.0	1981.0
127.5°	880.9	840.2	799.3	840.2	880.9	891.1	1040.2	1239.0	1338.4	1517.0	1874.2
130°	913.6	869.7	825.8	869.7	913.6	924.6	1060.1	1240.9	1331.3	1490.3	1808.4
132.5°	940.9	897.1	853.1	897.1	940.9	951.9	1076.3	1242.2	1325.1	1467.5	1752.1
135°	973.8	933.7	893.7	933.7	973.8	983.7	1094.0	1241.0	1314.6	1433.7	1672.1
137.5°	1014.4	974.8	935.2	974.8	1014.4	1024.3	1120.5	1248.7	1312.8	1413.6	1615.1
140°	1042.5	1006.0	969.6	1006.0	1042.5	1051.6	1136.7	1250.0	1306.6	1393.7	1567.8
142.5°	1063.5	1029.8	996.1	1029.8	1063.5	1071.9	1150.1	1254.5	1306.6	1383.1	1536.0
145°	1095.5	1066.0	1036.6	1066.0	1095.5	1102.8	1167.8	1254.5	1297.8	1360.3	1485.5
147.5°	1134.5	1105.9	1077.3	1105.9	1134.5	1141.7	1193.7	1263.1	1297.8	1347.0	1445.4
150°	1155.5	1129.6	1103.7	1129.6	1155.5	1162.0	1207.2	1267.6	1297.8	1339.3	1422.5
152.5°	1170.2	1150.6	1131.0	1150.6	1170.2	1175.2	1216.1	1270.5	1297.8	1333.3	1404.3
155°	1200.6	1186.2	1171.7	1186.2	1200.6	1204.3	1235.5	1277.0	1297.8	1326.1	1382.5
157.5°	1229.9	1215.7	1201.7	1215.7	1229.9	1233.4	1254.8	1283.5	1297.8	1319.7	1363.6
160°	1243.9	1232.9	1221.9	1232.9	1243.9	1246.6	1263.7	1286.4	1297.8	1316.6	1354.3
162.5°	1258.7	1250.4	1242.2	1250.4	1258.7	1260.7	1273.1	1289.5	1297.8	1313.6	1345.4
165°	1279.2	1271.8	1264.3	1271.8	1279.2	1281.1	1286.6	1294.0	1297.8	1309.2	1331.9
167.5°	1291.6	1288.1	1284.6	1288.1	1291.6	1292.5	1297.2	1303.5	1306.6	1314.0	1328.9
170°	1304.9	1301.3	1297.8	1301.3	1304.9	1305.8	1306.0	1306.5	1306.6	1314.0	1328.9
172.5°	1306.5	1305.6	1304.8	1305.6	1306.5	1306.6	1306.6	1306.6	1306.6	1312.5	1324.3
175°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1311.9	1308.4	1306.6	1310.4	1317.8
177.5°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1312.5	1309.8	1308.4	1311.3	1317.2
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



TEST NUMBER: P935572  
 CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1738.0	1732.9	1739.7	1721.0	1739.7	1732.9	1738.0	1749.9	1739.7	1746.5	1753.3
5°	1525.0	1516.5	1489.2	1467.1	1489.2	1516.5	1525.0	1560.8	1577.8	1608.5	1649.4
7.5°	1363.1	1356.3	1349.5	1335.9	1349.5	1356.3	1363.1	1373.3	1390.4	1417.6	1448.3
10°	1327.3	1329.0	1339.3	1337.6	1339.3	1329.0	1327.3	1323.9	1318.8	1323.9	1342.7
12.5°	1419.3	1434.7	1490.9	1487.5	1490.9	1434.7	1419.3	1351.2	1305.2	1296.7	1300.1
15°	1525.0	1530.1	1542.0	1543.7	1542.0	1530.1	1525.0	1497.7	1359.7	1300.1	1281.3
17.5°	1535.2	1536.9	1545.4	1545.4	1545.4	1536.9	1535.2	1523.3	1477.3	1397.2	1291.5
20°	1526.7	1530.1	1547.1	1550.6	1547.1	1530.1	1526.7	1511.4	1485.8	1456.8	1376.7
22.5°	1523.3	1530.1	1543.7	1542.0	1543.7	1530.1	1523.3	1499.4	1477.3	1456.8	1424.5
25°	1506.3	1506.3	1508.0	1509.7	1508.0	1506.3	1506.3	1487.5	1443.2	1438.1	1419.3
27.5°	1470.5	1473.9	1484.1	1482.4	1484.1	1473.9	1470.5	1463.7	1415.9	1410.8	1397.2
30°	1438.1	1434.7	1426.2	1419.3	1426.2	1434.7	1438.1	1427.9	1380.2	1366.5	1369.9
32.5°	1383.6	1375.0	1366.5	1361.4	1366.5	1375.0	1383.6	1380.2	1344.4	1325.6	1329.0
35°	1318.8	1320.5	1318.8	1313.7	1318.8	1320.5	1318.8	1322.2	1300.1	1283.0	1281.3
37.5°	1272.8	1276.2	1274.5	1267.7	1274.5	1276.2	1272.8	1269.4	1238.7	1233.6	1237.0
40°	1225.1	1226.8	1225.1	1220.0	1225.1	1226.8	1225.1	1218.3	1175.7	1177.4	1189.3
42.5°	1179.1	1177.4	1172.3	1168.9	1172.3	1177.4	1179.1	1168.9	1114.3	1109.2	1131.4
45°	1126.3	1128.0	1117.7	1112.6	1117.7	1128.0	1126.3	1119.4	1063.2	1049.6	1064.9
47.5°	1073.4	1073.4	1064.9	1059.8	1064.9	1073.4	1073.4	1064.9	1005.4	991.7	1000.2
50°	1017.2	1015.6	1003.7	1002.0	1003.7	1015.6	1017.2	1012.2	949.1	937.2	937.2
52.5°	952.5	952.5	954.2	957.6	954.2	952.5	952.5	954.2	898.0	886.1	882.7
55°	896.3	898.0	909.9	913.3	909.9	898.0	896.3	896.3	845.2	833.3	826.4
57.5°	838.4	838.4	846.9	846.9	846.9	838.4	838.4	835.0	785.5	775.3	771.9
60°	771.9	775.3	782.1	780.4	782.1	775.3	771.9	768.5	725.9	719.1	707.2
62.5°	702.0	705.5	707.2	703.8	707.2	705.5	702.0	691.8	666.3	661.2	645.8
65°	628.8	632.2	633.9	630.5	633.9	632.2	628.8	623.7	604.9	596.4	582.8
67.5°	553.8	552.1	550.4	557.2	550.4	552.1	553.8	547.0	535.1	528.2	509.5
70°	477.1	477.1	475.4	478.8	475.4	477.1	477.1	472.0	465.2	460.1	443.0
72.5°	395.3	393.6	400.4	395.3	400.4	393.6	395.3	393.6	390.2	385.1	368.1
75°	315.2	318.6	315.2	320.4	315.2	318.6	315.2	316.9	315.2	311.8	299.9
77.5°	240.3	243.7	240.3	240.3	240.3	243.7	240.3	242.0	242.0	242.0	231.7
80°	170.4	168.7	168.7	167.0	168.7	168.7	170.4	170.4	172.1	168.7	165.3
82.5°	109.1	107.4	107.4	110.8	107.4	107.4	109.1	110.8	107.4	107.4	107.4
85°	59.6	61.3	57.9	57.9	57.9	61.3	59.6	56.2	59.6	59.6	57.9
87.5°	22.2	20.4	20.4	20.4	20.4	20.4	22.2	23.9	23.9	23.9	25.6
90°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	44.6	59.6	67.1	57.7
92.5°	167.6	160.9	134.3	107.6	134.3	160.9	167.6	237.6	330.9	377.6	331.5
95°	569.1	548.9	468.1	387.3	468.1	548.9	569.1	747.3	984.9	1103.7	932.2
97.5°	1313.7	1275.3	1121.6	967.9	1121.6	1275.3	1313.7	1426.3	1576.5	1651.6	1365.6
100°	1844.8	1799.1	1615.9	1432.8	1615.9	1799.1	1844.8	1836.6	1825.6	1820.1	1502.7
102.5°	2298.3	2259.1	2102.2	1945.4	2102.2	2259.1	2298.3	2154.8	1963.4	1867.8	1545.9
105°	2827.6	2806.6	2722.2	2638.0	2722.2	2806.6	2827.6	2505.9	2076.9	1862.5	1550.7
107.5°	3102.9	3108.0	3128.4	3148.7	3128.4	3108.0	3102.9	2654.2	2055.8	1756.6	1481.7
110°	3173.4	3195.4	3283.3	3371.1	3283.3	3195.4	3173.4	2671.8	2002.9	1668.4	1420.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3128.5	3162.2	3297.1	3431.9	3297.1	3162.2	3128.5	2615.0	1930.4	1588.0	1367.1
115°	2975.9	3022.6	3209.7	3396.7	3209.7	3022.6	2975.9	2481.2	1821.7	1491.9	1305.9
117.5°	2765.0	2816.9	3024.3	3231.7	3024.3	2816.9	2765.0	2318.5	1723.3	1425.7	1267.5
120°	2623.0	2673.3	2874.9	3076.4	2874.9	2673.3	2623.0	2215.0	1671.2	1399.2	1254.6
122.5°	2480.9	2530.6	2729.5	2928.2	2729.5	2530.6	2480.9	2113.6	1623.8	1379.0	1247.8
125°	2293.0	2338.7	2521.9	2705.0	2521.9	2338.7	2293.0	1981.0	1565.0	1356.9	1242.2
127.5°	2142.1	2180.7	2335.2	2489.7	2335.2	2180.7	2142.1	1874.2	1517.0	1338.4	1239.0
130°	2046.8	2082.5	2225.3	2368.0	2225.3	2082.5	2046.8	1808.4	1490.3	1331.3	1240.9
132.5°	1965.6	1997.6	2125.5	2253.3	2125.5	1997.6	1965.6	1752.1	1467.5	1325.1	1242.2
135°	1851.0	1878.5	1988.7	2098.9	1988.7	1878.5	1851.0	1672.1	1433.7	1314.6	1241.0
137.5°	1766.3	1788.9	1879.0	1969.2	1879.0	1788.9	1766.3	1615.1	1413.6	1312.8	1248.7
140°	1698.4	1719.4	1803.8	1888.0	1803.8	1719.4	1698.4	1567.8	1393.7	1306.6	1250.0
142.5°	1650.7	1668.8	1741.3	1813.9	1741.3	1668.8	1650.7	1536.0	1383.1	1306.6	1254.5
145°	1579.3	1593.0	1647.9	1702.7	1647.9	1593.0	1579.3	1485.5	1360.3	1297.8	1254.5
147.5°	1519.3	1530.6	1576.1	1621.6	1576.1	1530.6	1519.3	1445.4	1347.0	1297.8	1263.1
150°	1484.9	1494.1	1531.0	1567.8	1531.0	1494.1	1484.9	1422.5	1339.3	1297.8	1267.6
152.5°	1457.5	1464.5	1492.3	1520.1	1492.3	1464.5	1457.5	1404.3	1333.3	1297.8	1270.5
155°	1424.9	1429.5	1447.9	1466.3	1447.9	1429.5	1424.9	1382.5	1326.1	1297.8	1277.0
157.5°	1396.6	1399.8	1412.8	1425.7	1412.8	1399.8	1396.6	1363.6	1319.7	1297.8	1283.5
160°	1382.5	1384.3	1391.7	1399.2	1391.7	1384.3	1382.5	1354.3	1316.6	1297.8	1286.4
162.5°	1369.2	1371.0	1378.1	1385.2	1378.1	1371.0	1369.2	1345.4	1313.6	1297.8	1289.5
165°	1349.0	1350.8	1358.3	1365.8	1358.3	1350.8	1349.0	1331.9	1309.2	1297.8	1294.0
167.5°	1340.1	1340.9	1344.0	1347.2	1344.0	1340.9	1340.1	1328.9	1314.0	1306.6	1303.5
170°	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1340.1	1328.9	1314.0	1306.6	1306.5
172.5°	1333.1	1332.4	1329.6	1326.9	1329.6	1332.4	1333.1	1324.3	1312.5	1306.6	1306.6
175°	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1323.4	1317.8	1310.4	1306.6	1308.4
177.5°	1321.6	1320.9	1317.7	1314.6	1317.7	1320.9	1321.6	1317.2	1311.3	1308.4	1309.8
180°	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6	1314.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1801.0	1801.0	1801.0	1801.0	1801.0
2.5°	1778.9	1787.4	1792.5	1799.3	1816.4
5°	1710.7	1743.1	1753.3	1778.9	1809.6
7.5°	1560.8	1659.6	1686.9	1748.2	1795.9
10°	1415.9	1514.8	1562.5	1707.3	1778.9
12.5°	1342.7	1400.6	1433.0	1635.8	1755.0
15°	1296.7	1337.6	1361.4	1540.3	1727.8
17.5°	1260.9	1289.8	1306.9	1446.6	1690.3
20°	1238.7	1252.4	1267.7	1378.5	1647.7
22.5°	1223.4	1214.9	1226.8	1330.7	1589.7
25°	1213.2	1180.8	1194.4	1293.3	1521.6
27.5°	1221.7	1150.1	1155.2	1259.2	1450.0
30°	1223.4	1112.6	1114.3	1223.4	1369.9
32.5°	1211.5	1073.4	1075.1	1179.1	1279.6
35°	1182.5	1027.4	1025.7	1128.0	1156.9
37.5°	1143.3	978.1	978.1	1071.7	1022.3
40°	1095.6	928.7	933.8	998.5	903.1
42.5°	1037.7	875.9	882.7	901.4	814.5
45°	974.7	824.7	829.8	761.7	746.4
47.5°	904.8	771.9	773.6	632.2	724.2
50°	821.3	717.4	710.6	541.9	722.5
52.5°	748.1	657.7	637.3	490.8	656.0
55°	676.5	594.7	550.4	451.6	608.3
57.5°	613.4	512.9	470.3	405.6	598.1
60°	555.5	432.8	400.4	356.1	548.7
62.5°	507.8	373.2	366.4	322.1	497.6
65°	456.7	332.3	330.6	293.1	422.6
67.5°	407.3	305.0	303.3	265.8	322.1
70°	354.4	276.0	272.6	236.9	238.6
72.5°	299.9	243.7	240.3	213.0	197.7
75°	245.4	206.2	204.5	185.7	160.2
77.5°	192.6	163.6	167.0	150.0	117.6
80°	138.0	119.3	122.7	107.4	88.6
82.5°	92.0	78.4	81.8	68.2	59.6
85°	51.1	44.3	46.0	35.8	27.3
87.5°	23.9	20.4	20.4	13.6	8.5
90°	38.9	24.7	22.9	15.9	8.9
92.5°	239.4	170.3	155.3	95.3	35.3
95°	589.1	331.8	304.3	194.5	84.7
97.5°	793.5	364.4	340.2	243.3	146.5
100°	867.8	391.7	369.8	281.9	194.1
102.5°	902.0	419.1	398.6	316.6	234.6
105°	927.2	459.7	442.3	372.9	303.5
107.5°	931.9	519.6	503.4	438.8	374.1
110°	924.9	553.2	538.6	480.2	421.7



TEST NUMBER: P935572

CATALOG NUMBER: SQ4-FA-125U-075D-935-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	925.2	593.8	579.9	524.2	468.5
115°	933.7	654.6	641.7	590.4	539.1
117.5°	951.1	713.7	702.0	655.4	608.8
120°	965.1	748.1	737.2	693.3	649.3
122.5°	985.4	788.7	777.6	733.3	689.0
125°	1012.8	840.8	830.7	790.3	749.9
127.5°	1040.2	891.1	880.9	840.2	799.3
130°	1060.1	924.6	913.6	869.7	825.8
132.5°	1076.3	951.9	940.9	897.1	853.1
135°	1094.0	983.7	973.8	933.7	893.7
137.5°	1120.5	1024.3	1014.4	974.8	935.2
140°	1136.7	1051.6	1042.5	1006.0	969.6
142.5°	1150.1	1071.9	1063.5	1029.8	996.1
145°	1167.8	1102.8	1095.5	1066.0	1036.6
147.5°	1193.7	1141.7	1134.5	1105.9	1077.3
150°	1207.2	1162.0	1155.5	1129.6	1103.7
152.5°	1216.1	1175.2	1170.2	1150.6	1131.0
155°	1235.5	1204.3	1200.6	1186.2	1171.7
157.5°	1254.8	1233.4	1229.9	1215.7	1201.7
160°	1263.7	1246.6	1243.9	1232.9	1221.9
162.5°	1273.1	1260.7	1258.7	1250.4	1242.2
165°	1286.6	1281.1	1279.2	1271.8	1264.3
167.5°	1297.2	1292.5	1291.6	1288.1	1284.6
170°	1306.0	1305.8	1304.9	1301.3	1297.8
172.5°	1306.6	1306.6	1306.5	1305.6	1304.8
175°	1311.9	1314.6	1314.6	1314.6	1314.6
177.5°	1312.5	1314.6	1314.6	1314.6	1314.6
180°	1314.6	1314.6	1314.6	1314.6	1314.6



TEST NUMBER: P935572  
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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	10.66	11.41	11.73	12.48	13.95	13.50	14.24	14.57	15.32	16.78
	3H	11.13	11.80	12.21	12.88	14.36	14.84	15.50	15.92	16.59	18.07
	4H	11.31	11.95	12.41	13.03	14.52	15.28	15.91	16.37	16.99	18.48
	6H	11.43	12.01	12.53	13.10	14.60	15.56	16.14	16.66	17.23	18.73
	8H	11.43	11.98	12.53	13.08	14.58	15.63	16.18	16.74	17.29	18.78
	12H	11.39	11.92	12.50	13.01	14.53	15.67	16.19	16.78	17.29	18.81
4H	2H	11.68	12.31	12.78	13.40	14.89	13.89	14.53	14.99	15.61	17.10
	3H	12.70	13.22	13.80	14.34	15.84	15.39	15.92	16.50	17.03	18.53
	4H	12.97	13.45	14.08	14.55	16.08	15.91	16.40	17.03	17.50	19.02
	6H	13.09	13.50	14.21	14.63	16.14	16.28	16.69	17.39	17.81	19.33
	8H	13.09	13.48	14.21	14.59	16.12	16.38	16.77	17.50	17.88	19.42
	12H	13.05	13.40	14.19	14.53	16.07	16.43	16.78	17.57	17.91	19.45
8H	4H	13.41	13.80	14.53	14.92	16.45	16.03	16.42	17.15	17.53	19.06
	6H	13.67	13.99	14.81	15.15	16.68	16.46	16.78	17.60	17.94	19.47
	8H	13.71	13.99	14.86	15.13	16.68	16.62	16.89	17.76	18.03	19.58
	12H	13.69	13.94	14.84	15.07	16.66	16.71	16.96	17.86	18.09	19.67
12H	4H	13.41	13.76	14.55	14.89	16.43	15.99	16.34	17.12	17.47	19.00
	6H	13.73	14.01	14.88	15.15	16.70	16.46	16.74	17.61	17.88	19.43
	8H	13.79	14.04	14.94	15.17	16.76	16.62	16.86	17.77	18.00	19.58