

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: P935552

Luminaire Tested: SQ4-FA-125U-075D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

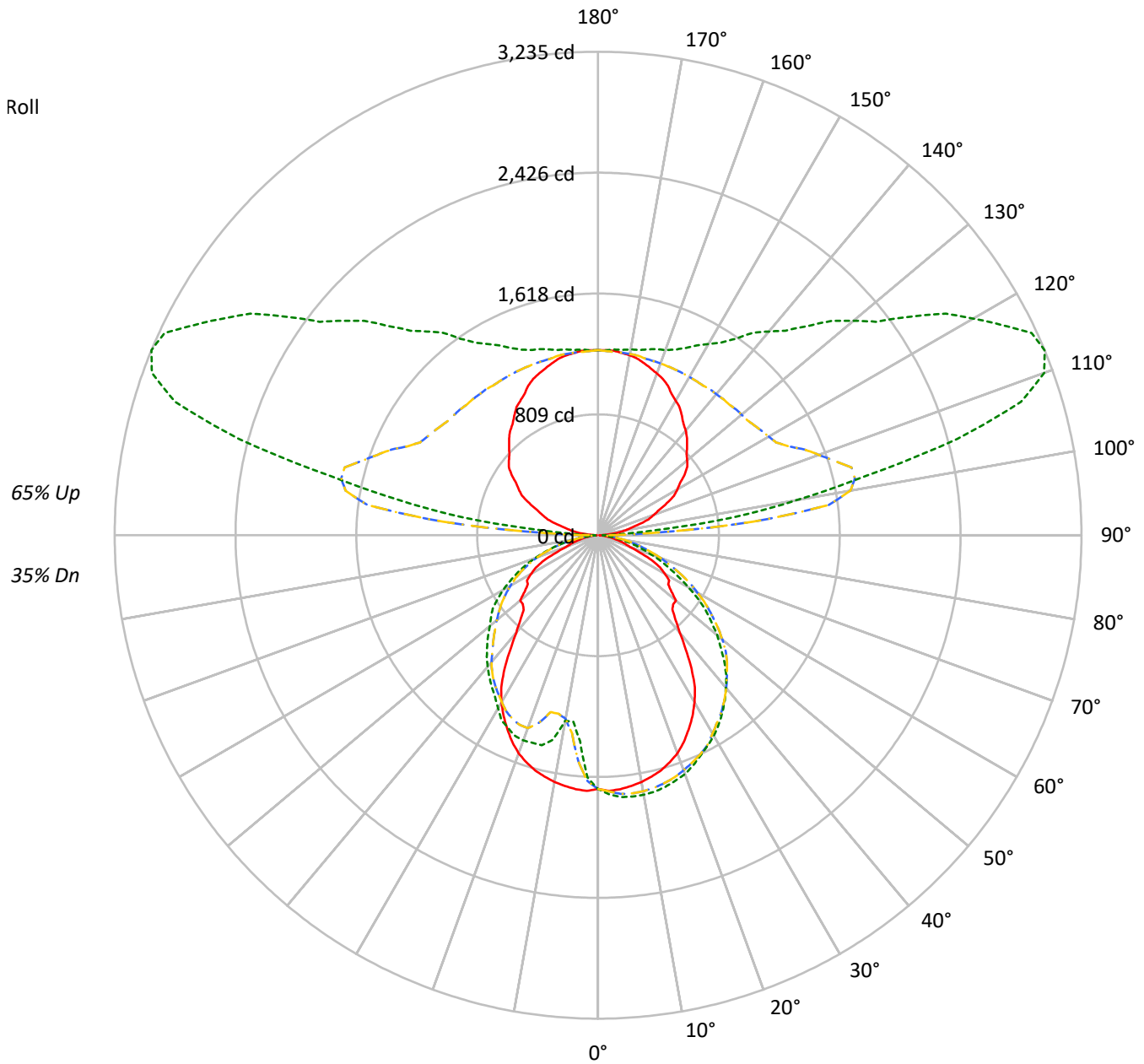
Test Method: LM-79-2019  
Report Number: P935552  
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-075D-930-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12437.7 lumens  
Efficiency: N/A  
Efficacy: 111.8 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°	7876	7876	7876	7876
5°	7934	7950	7934	6251
10°	7881	7831	7881	5599
15°	7796	7661	7796	6398
20°	7633	7461	7633	6411
25°	7299	7167	7299	6275
30°	6867	6924	6867	5977
35°	6122	6616	6122	5649
40°	5102	6254	5102	5401
45°	4558	5829	4558	5116
50°	4843	5323	4843	4831
55°	4556	4779	4556	4665
60°	4697	4058	4697	4273
65°	4258	3355	4258	3750
70°	2948	2673	2948	3144
75°	2586	1976	2586	2366
80°	2083	1306	2083	1423
85°	1197	692	1197	588

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 6986 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.2	1.2
10°-20°	435.0	3.5
20°-30°	672.5	5.4
30°-40°	802.8	6.5
40°-50°	807.5	6.5
50°-60°	702.7	5.6
60°-70°	498.2	4.0
70°-80°	263.6	2.1
80°-90°	70.4	0.6
90°-100°	603.9	4.9
100°-110°	1587.8	12.8
110°-120°	1646.3	13.2
120°-130°	1320.6	10.6
130°-140°	1036.2	8.3
140°-150°	795.3	6.4
150°-160°	572.7	4.6
160°-170°	350.4	2.8
170°-180°	118.4	1.0
0°-30°	1260.8	10.1
0°-40°	2063.6	16.6
0°-60°	3573.8	28.7
0°-90°	4406.0	35.4
90°-120°	3838.1	30.9
90°-150°	6990.1	56.2
90°-180°	8032.0	64.6
0°-180°	12437.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1698	1698	1698	1698	1698	
5°	1706	1758	1706	1383	1706	162
15°	1628	1742	1628	1455	1628	458
25°	1434	1625	1434	1423	1434	658
35°	1090	1450	1090	1238	1090	675
45°	703	1195	703	1049	703	563
55°	573	882	573	861	573	527
65°	398	532	398	594	398	381
75°	151	252	151	302	151	159
85°	26	64	26	55	26	35
90°	8	32	8	32	8	8
95°	80	365	80	365	80	89
105°	286	2486	286	2486	286	303
115°	508	3201	508	3201	508	502
125°	707	2549	707	2549	707	628
135°	842	1978	842	1978	842	652
145°	977	1605	977	1605	977	612
155°	1104	1382	1104	1382	1104	507
165°	1192	1287	1192	1287	1192	336
175°	1239	1247	1239	1247	1239	118
180°	1239	1239	1239	1239	1239	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1711.9	1711.9	1721.6	1724.8	1724.8	1719.9	1715.1	1719.9	1734.4	1739.2	1737.6
5°	1705.5	1718.3	1736.0	1739.2	1742.4	1740.8	1737.6	1740.8	1756.9	1760.1	1761.7
7.5°	1692.6	1716.7	1739.2	1744.0	1748.9	1744.0	1742.4	1745.6	1761.7	1764.9	1764.9
10°	1676.6	1710.3	1736.0	1739.2	1744.0	1739.2	1739.2	1745.6	1761.7	1764.9	1766.5
12.5°	1654.1	1700.7	1724.8	1728.0	1734.4	1732.8	1731.2	1737.6	1753.7	1756.9	1756.9
15°	1628.4	1683.0	1705.5	1708.7	1719.9	1716.7	1716.7	1723.2	1740.8	1745.6	1744.0
17.5°	1593.1	1660.5	1686.2	1691.0	1699.1	1697.5	1699.1	1705.5	1721.6	1724.8	1726.4
20°	1552.9	1630.0	1660.5	1665.3	1673.4	1673.4	1673.4	1681.4	1697.5	1703.9	1703.9
22.5°	1498.3	1597.9	1630.0	1633.2	1642.9	1642.9	1646.1	1657.3	1671.8	1673.4	1673.4
25°	1434.1	1562.6	1589.9	1599.5	1609.1	1613.9	1618.8	1625.2	1630.0	1628.4	1630.0
27.5°	1366.6	1517.6	1552.9	1559.3	1572.2	1577.0	1583.4	1585.0	1586.6	1591.5	1588.3
30°	1291.1	1455.0	1508.0	1514.4	1535.3	1538.5	1532.0	1535.3	1543.3	1546.5	1549.7
32.5°	1206.0	1361.8	1461.4	1475.8	1495.1	1485.5	1483.9	1488.7	1501.5	1501.5	1504.7
35°	1090.4	1289.5	1418.0	1430.9	1445.3	1434.1	1440.5	1442.1	1450.1	1455.0	1453.3
37.5°	963.5	1226.9	1373.0	1382.7	1393.9	1379.5	1389.1	1393.9	1400.4	1397.1	1397.1
40°	851.2	1128.9	1320.1	1326.5	1336.1	1324.9	1334.5	1337.7	1340.9	1337.7	1336.1
42.5°	767.7	1021.3	1263.8	1271.9	1265.4	1273.5	1276.7	1283.1	1278.3	1271.9	1271.9
45°	703.4	992.4	1202.8	1212.4	1202.8	1215.7	1220.5	1220.5	1206.0	1202.8	1201.2
47.5°	682.6	934.7	1141.8	1141.8	1137.0	1153.0	1161.1	1149.8	1135.4	1130.5	1130.5
50°	680.9	870.5	1058.3	1051.8	1074.3	1093.6	1085.6	1074.3	1063.1	1045.4	1045.4
52.5°	618.3	791.8	950.8	974.8	1010.1	1021.3	1008.5	997.2	978.0	969.9	963.5
55°	573.3	709.9	852.8	901.0	937.9	952.4	928.3	917.0	888.1	883.3	880.1
57.5°	563.7	591.0	762.8	823.9	868.8	867.2	852.8	831.9	807.8	803.0	801.4
60°	517.1	427.2	666.5	738.8	785.3	780.5	767.7	748.4	725.9	722.7	719.5
62.5°	469.0	310.0	557.3	639.2	705.0	703.4	692.2	663.3	647.2	639.2	632.8
65°	398.3	260.2	396.7	531.6	626.3	629.6	605.5	584.6	566.9	557.3	555.7
67.5°	303.5	212.0	268.2	443.3	550.9	547.6	517.1	507.5	485.0	480.2	470.6
70°	224.8	141.3	186.3	359.7	477.0	469.0	444.9	433.6	412.7	401.5	395.1
72.5°	186.3	114.0	136.5	279.4	401.5	391.9	371.0	358.1	340.5	330.8	324.4
75°	151.0	120.4	104.4	207.2	326.0	319.6	300.3	287.5	273.0	260.2	261.8
77.5°	110.8	112.4	83.5	152.6	258.6	248.9	237.7	221.6	215.2	202.4	202.4
80°	83.5	88.3	62.6	104.4	186.3	186.3	176.7	165.4	154.2	147.8	147.8
82.5°	56.2	56.2	46.6	65.8	126.9	122.1	115.6	112.4	106.0	102.8	102.8
85°	25.7	32.1	28.9	40.2	69.1	72.3	72.3	69.1	67.5	64.2	65.8
87.5°	8.0	14.5	17.7	22.5	35.3	36.9	38.5	38.5	38.5	40.2	40.2
90°	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1	31.6	31.6
92.5°	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0	158.0	151.7
95°	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3	536.3	517.3
97.5°	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3	1238.1	1201.9
100°	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9	1738.7	1695.6
102.5°	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9	2166.1	2129.2
105°	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8	2665.0	2645.2
107.5°	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5	2924.4	2929.3
110°	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1	2990.9	3011.7



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1740.8	1736.0	1740.8	1737.6	1739.2	1734.4	1719.9	1715.1	1719.9	1724.8	1724.8
5°	1761.7	1758.5	1761.7	1761.7	1760.1	1756.9	1740.8	1737.6	1740.8	1742.4	1739.2
7.5°	1768.1	1763.3	1768.1	1764.9	1764.9	1761.7	1745.6	1742.4	1744.0	1748.9	1744.0
10°	1768.1	1763.3	1768.1	1766.5	1764.9	1761.7	1745.6	1739.2	1739.2	1744.0	1739.2
12.5°	1760.1	1756.9	1760.1	1756.9	1756.9	1753.7	1737.6	1731.2	1732.8	1734.4	1728.0
15°	1747.2	1742.4	1747.2	1744.0	1745.6	1740.8	1723.2	1716.7	1716.7	1719.9	1708.7
17.5°	1728.0	1721.6	1728.0	1726.4	1724.8	1721.6	1705.5	1699.1	1697.5	1699.1	1691.0
20°	1705.5	1700.7	1705.5	1703.9	1703.9	1697.5	1681.4	1673.4	1673.4	1673.4	1665.3
22.5°	1670.2	1665.3	1670.2	1673.4	1673.4	1671.8	1657.3	1646.1	1642.9	1642.9	1633.2
25°	1630.0	1625.2	1630.0	1630.0	1628.4	1630.0	1625.2	1618.8	1613.9	1609.1	1599.5
27.5°	1591.5	1588.3	1591.5	1588.3	1591.5	1586.6	1585.0	1583.4	1577.0	1572.2	1559.3
30°	1552.9	1549.7	1552.9	1549.7	1546.5	1543.3	1535.3	1532.0	1538.5	1535.3	1514.4
32.5°	1504.7	1501.5	1504.7	1504.7	1501.5	1501.5	1488.7	1483.9	1485.5	1495.1	1475.8
35°	1455.0	1450.1	1455.0	1453.3	1455.0	1450.1	1442.1	1440.5	1434.1	1445.3	1430.9
37.5°	1397.1	1392.3	1397.1	1397.1	1397.1	1400.4	1393.9	1389.1	1379.5	1393.9	1382.7
40°	1337.7	1331.3	1337.7	1336.1	1337.7	1340.9	1337.7	1334.5	1324.9	1336.1	1326.5
42.5°	1270.3	1268.7	1270.3	1271.9	1271.9	1278.3	1283.1	1276.7	1273.5	1265.4	1271.9
45°	1198.0	1194.8	1198.0	1201.2	1202.8	1206.0	1220.5	1220.5	1215.7	1202.8	1212.4
47.5°	1120.9	1112.9	1120.9	1130.5	1130.5	1135.4	1149.8	1161.1	1153.0	1137.0	1141.8
50°	1039.0	1040.6	1039.0	1045.4	1045.4	1063.1	1074.3	1085.6	1093.6	1074.3	1051.8
52.5°	958.7	957.2	958.7	963.5	969.9	978.0	997.2	1008.5	1021.3	1010.1	974.8
55°	878.5	881.7	878.5	880.1	883.3	888.1	917.0	928.3	952.4	937.9	901.0
57.5°	798.2	793.4	798.2	801.4	803.0	807.8	831.9	852.8	867.2	868.8	823.9
60°	705.0	698.6	705.0	719.5	722.7	725.9	748.4	767.7	780.5	785.3	738.8
62.5°	623.1	611.9	623.1	632.8	639.2	647.2	663.3	692.2	703.4	705.0	639.2
65°	536.4	531.6	536.4	555.7	557.3	566.9	584.6	605.5	629.6	626.3	531.6
67.5°	457.7	457.7	457.7	470.6	480.2	485.0	507.5	517.1	547.6	550.9	443.3
70°	385.4	383.8	385.4	395.1	401.5	412.7	433.6	444.9	469.0	477.0	359.7
72.5°	316.4	314.8	316.4	324.4	330.8	340.5	358.1	371.0	391.9	401.5	279.4
75°	255.4	252.1	255.4	261.8	260.2	273.0	287.5	300.3	319.6	326.0	207.2
77.5°	195.9	195.9	195.9	202.4	202.4	215.2	221.6	237.7	248.9	258.6	152.6
80°	146.1	144.5	146.1	147.8	147.8	154.2	165.4	176.7	186.3	186.3	104.4
82.5°	102.8	99.6	102.8	102.8	102.8	106.0	112.4	115.6	122.1	126.9	65.8
85°	64.2	64.2	64.2	65.8	64.2	67.5	69.1	72.3	72.3	69.1	40.2
87.5°	41.8	40.2	41.8	40.2	40.2	38.5	38.5	38.5	36.9	35.3	22.5
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4	36.6	23.3
92.5°	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4	225.6	160.5
95°	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6	555.2	312.7
97.5°	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0	747.8	343.4
100°	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3	817.9	369.2
102.5°	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0	850.1	395.0
105°	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5	873.9	433.2
107.5°	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5	878.3	489.7
110°	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8	871.7	521.4





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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1721.6	1711.9	1711.9	1695.9	1689.4	1684.6	1676.6	1652.5	1646.1	1639.6	1649.3
5°	1736.0	1718.3	1705.5	1676.6	1652.5	1642.9	1612.3	1554.5	1516.0	1487.1	1471.0
7.5°	1739.2	1716.7	1692.6	1647.7	1589.9	1564.2	1471.0	1365.0	1336.1	1310.4	1294.4
10°	1736.0	1710.3	1676.6	1609.1	1472.6	1427.7	1334.5	1265.4	1247.8	1243.0	1247.8
12.5°	1724.8	1700.7	1654.1	1541.7	1350.6	1320.1	1265.4	1225.3	1222.1	1230.1	1273.5
15°	1705.5	1683.0	1628.4	1451.7	1283.1	1260.6	1222.1	1207.6	1225.3	1281.5	1411.6
17.5°	1686.2	1660.5	1593.1	1363.4	1231.7	1215.7	1188.4	1217.3	1316.8	1392.3	1435.7
20°	1660.5	1630.0	1552.9	1299.2	1194.8	1180.3	1167.5	1297.6	1373.0	1400.4	1424.4
22.5°	1630.0	1597.9	1498.3	1254.2	1156.2	1145.0	1153.0	1342.5	1373.0	1392.3	1413.2
25°	1589.9	1562.6	1434.1	1218.9	1125.7	1112.9	1143.4	1337.7	1355.4	1360.2	1402.0
27.5°	1552.9	1517.6	1366.6	1186.8	1088.8	1084.0	1151.4	1316.8	1329.7	1334.5	1379.5
30°	1508.0	1455.0	1291.1	1153.0	1050.2	1048.6	1153.0	1291.1	1287.9	1300.8	1345.7
32.5°	1461.4	1361.8	1206.0	1111.3	1013.3	1011.7	1141.8	1252.6	1249.4	1267.1	1300.8
35°	1418.0	1289.5	1090.4	1063.1	966.7	968.3	1114.5	1207.6	1209.2	1225.3	1246.2
37.5°	1373.0	1226.9	963.5	1010.1	921.8	921.8	1077.5	1165.9	1162.7	1167.5	1196.4
40°	1320.1	1128.9	851.2	941.1	880.1	875.3	1032.6	1120.9	1109.7	1108.1	1148.2
42.5°	1263.8	1021.3	767.7	849.6	831.9	825.5	978.0	1066.3	1045.4	1050.2	1101.6
45°	1202.8	992.4	703.4	717.9	782.1	777.3	918.6	1003.7	989.2	1002.1	1055.1
47.5°	1141.8	934.7	682.6	595.8	729.1	727.5	852.8	942.7	934.7	947.5	1003.7
50°	1058.3	870.5	680.9	510.7	669.7	676.1	774.1	883.3	883.3	894.5	954.0
52.5°	950.8	791.8	618.3	462.5	600.6	619.9	705.0	831.9	835.1	846.4	899.4
55°	852.8	709.9	573.3	425.6	518.7	560.5	637.6	778.9	785.3	796.6	844.8
57.5°	762.8	591.0	563.7	382.2	443.3	483.4	578.2	727.5	730.7	740.4	786.9
60°	666.5	427.2	517.1	335.7	377.4	407.9	523.6	666.5	677.7	684.2	724.3
62.5°	557.3	310.0	469.0	303.5	345.3	351.7	478.6	608.7	623.1	627.9	652.0
65°	396.7	260.2	398.3	276.2	311.6	313.2	430.4	549.3	562.1	570.1	587.8
67.5°	268.2	212.0	303.5	250.5	285.9	287.5	383.8	480.2	497.9	504.3	515.5
70°	186.3	141.3	224.8	223.2	257.0	260.2	334.0	417.6	433.6	438.4	444.9
72.5°	136.5	114.0	186.3	200.8	226.4	229.7	282.7	346.9	363.0	367.8	371.0
75°	104.4	120.4	151.0	175.1	192.7	194.3	231.3	282.7	293.9	297.1	298.7
77.5°	83.5	112.4	110.8	141.3	157.4	154.2	181.5	218.4	228.1	228.1	228.1
80°	62.6	88.3	83.5	101.2	115.6	112.4	130.1	155.8	159.0	162.2	160.6
82.5°	46.6	56.2	56.2	64.2	77.1	73.9	86.7	101.2	101.2	101.2	104.4
85°	28.9	32.1	25.7	33.7	43.4	41.8	48.2	54.6	56.2	56.2	53.0
87.5°	17.7	14.5	8.0	12.8	19.3	19.3	22.5	24.1	22.5	22.5	22.5
90°	21.6	15.0	8.4	15.0	21.6	23.3	36.6	54.4	63.2	56.1	42.1
92.5°	146.4	89.8	33.2	89.8	146.4	160.5	225.6	312.4	355.9	311.9	224.0
95°	286.8	183.3	79.8	183.3	286.8	312.7	555.2	878.6	1040.2	928.3	704.3
97.5°	320.6	229.3	138.0	229.3	320.6	343.4	747.8	1287.0	1556.6	1485.9	1344.3
100°	348.5	265.7	182.9	265.7	348.5	369.2	817.9	1416.3	1715.4	1720.6	1730.9
102.5°	375.6	298.4	221.1	298.4	375.6	395.0	850.1	1457.0	1760.3	1850.5	2030.9
105°	416.8	351.5	286.0	351.5	416.8	433.2	873.9	1461.5	1755.4	1957.5	2361.8
107.5°	474.5	413.5	352.6	413.5	474.5	489.7	878.3	1396.5	1655.5	1937.6	2501.5
110°	507.7	452.6	397.5	452.6	507.7	521.4	871.7	1338.8	1572.4	1887.7	2518.1



TEST NUMBER: P935552

CATALOG NUMBER: SQ4-FA-125U-075D-930-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P935552  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1638.0	1633.2	1639.6	1622.0	1639.6	1633.2	1638.0	1649.3	1639.6	1646.1	1652.5
5°	1437.3	1429.3	1403.6	1382.7	1403.6	1429.3	1437.3	1471.0	1487.1	1516.0	1554.5
7.5°	1284.7	1278.3	1271.9	1259.0	1271.9	1278.3	1284.7	1294.4	1310.4	1336.1	1365.0
10°	1251.0	1252.6	1262.2	1260.6	1262.2	1252.6	1251.0	1247.8	1243.0	1247.8	1265.4
12.5°	1337.7	1352.2	1405.2	1402.0	1405.2	1352.2	1337.7	1273.5	1230.1	1222.1	1225.3
15°	1437.3	1442.1	1453.3	1455.0	1453.3	1442.1	1437.3	1411.6	1281.5	1225.3	1207.6
17.5°	1446.9	1448.5	1456.6	1456.6	1456.6	1448.5	1446.9	1435.7	1392.3	1316.8	1217.3
20°	1438.9	1442.1	1458.2	1461.4	1458.2	1442.1	1438.9	1424.4	1400.4	1373.0	1297.6
22.5°	1435.7	1442.1	1455.0	1453.3	1455.0	1442.1	1435.7	1413.2	1392.3	1373.0	1342.5
25°	1419.6	1419.6	1421.2	1422.8	1421.2	1419.6	1419.6	1402.0	1360.2	1355.4	1337.7
27.5°	1385.9	1389.1	1398.7	1397.1	1398.7	1389.1	1385.9	1379.5	1334.5	1329.7	1316.8
30°	1355.4	1352.2	1344.1	1337.7	1344.1	1352.2	1355.4	1345.7	1300.8	1287.9	1291.1
32.5°	1304.0	1296.0	1287.9	1283.1	1287.9	1296.0	1304.0	1300.8	1267.1	1249.4	1252.6
35°	1243.0	1244.6	1243.0	1238.1	1243.0	1244.6	1243.0	1246.2	1225.3	1209.2	1207.6
37.5°	1199.6	1202.8	1201.2	1194.8	1201.2	1202.8	1199.6	1196.4	1167.5	1162.7	1165.9
40°	1154.6	1156.2	1154.6	1149.8	1154.6	1156.2	1154.6	1148.2	1108.1	1109.7	1120.9
42.5°	1111.3	1109.7	1104.8	1101.6	1104.8	1109.7	1111.3	1101.6	1050.2	1045.4	1066.3
45°	1061.5	1063.1	1053.5	1048.6	1053.5	1063.1	1061.5	1055.1	1002.1	989.2	1003.7
47.5°	1011.7	1011.7	1003.7	998.9	1003.7	1011.7	1011.7	1003.7	947.5	934.7	942.7
50°	958.7	957.2	945.9	944.3	945.9	957.2	958.7	954.0	894.5	883.3	883.3
52.5°	897.8	897.8	899.4	902.6	899.4	897.8	897.8	899.4	846.4	835.1	831.9
55°	844.8	846.4	857.6	860.8	857.6	846.4	844.8	844.8	796.6	785.3	778.9
57.5°	790.2	790.2	798.2	798.2	798.2	790.2	790.2	786.9	740.4	730.7	727.5
60°	727.5	730.7	737.2	735.5	737.2	730.7	727.5	724.3	684.2	677.7	666.5
62.5°	661.7	664.9	666.5	663.3	666.5	664.9	661.7	652.0	627.9	623.1	608.7
65°	592.6	595.8	597.4	594.2	597.4	595.8	592.6	587.8	570.1	562.1	549.3
67.5°	522.0	520.3	518.7	525.2	518.7	520.3	522.0	515.5	504.3	497.9	480.2
70°	449.7	449.7	448.1	451.3	448.1	449.7	449.7	444.9	438.4	433.6	417.6
72.5°	372.6	371.0	377.4	372.6	377.4	371.0	372.6	371.0	367.8	363.0	346.9
75°	297.1	300.3	297.1	301.9	297.1	300.3	297.1	298.7	297.1	293.9	282.7
77.5°	226.4	229.7	226.4	226.4	226.4	229.7	226.4	228.1	228.1	228.1	218.4
80°	160.6	159.0	159.0	157.4	159.0	159.0	160.6	160.6	162.2	159.0	155.8
82.5°	102.8	101.2	101.2	104.4	101.2	101.2	102.8	104.4	101.2	101.2	101.2
85°	56.2	57.8	54.6	54.6	54.6	57.8	56.2	53.0	56.2	56.2	54.6
87.5°	20.9	19.3	19.3	19.3	19.3	19.3	20.9	22.5	22.5	22.5	24.1
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.2	54.4
92.5°	158.0	151.7	126.6	101.4	126.6	151.7	158.0	224.0	311.9	355.9	312.4
95°	536.3	517.3	441.2	365.0	441.2	517.3	536.3	704.3	928.3	1040.2	878.6
97.5°	1238.1	1201.9	1057.1	912.2	1057.1	1201.9	1238.1	1344.3	1485.9	1556.6	1287.0
100°	1738.7	1695.6	1523.0	1350.4	1523.0	1695.6	1738.7	1730.9	1720.6	1715.4	1416.3
102.5°	2166.1	2129.2	1981.3	1833.5	1981.3	2129.2	2166.1	2030.9	1850.5	1760.3	1457.0
105°	2665.0	2645.2	2565.7	2486.2	2565.7	2645.2	2665.0	2361.8	1957.5	1755.4	1461.5
107.5°	2924.4	2929.3	2948.5	2967.6	2948.5	2929.3	2924.4	2501.5	1937.6	1655.5	1396.5
110°	2990.9	3011.7	3094.4	3177.2	3094.4	3011.7	2990.9	2518.1	1887.7	1572.4	1338.8



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1676.6	1684.6	1689.4	1695.9	1711.9
5°	1612.3	1642.9	1652.5	1676.6	1705.5
7.5°	1471.0	1564.2	1589.9	1647.7	1692.6
10°	1334.5	1427.7	1472.6	1609.1	1676.6
12.5°	1265.4	1320.1	1350.6	1541.7	1654.1
15°	1222.1	1260.6	1283.1	1451.7	1628.4
17.5°	1188.4	1215.7	1231.7	1363.4	1593.1
20°	1167.5	1180.3	1194.8	1299.2	1552.9
22.5°	1153.0	1145.0	1156.2	1254.2	1498.3
25°	1143.4	1112.9	1125.7	1218.9	1434.1
27.5°	1151.4	1084.0	1088.8	1186.8	1366.6
30°	1153.0	1048.6	1050.2	1153.0	1291.1
32.5°	1141.8	1011.7	1013.3	1111.3	1206.0
35°	1114.5	968.3	966.7	1063.1	1090.4
37.5°	1077.5	921.8	921.8	1010.1	963.5
40°	1032.6	875.3	880.1	941.1	851.2
42.5°	978.0	825.5	831.9	849.6	767.7
45°	918.6	777.3	782.1	717.9	703.4
47.5°	852.8	727.5	729.1	595.8	682.6
50°	774.1	676.1	669.7	510.7	680.9
52.5°	705.0	619.9	600.6	462.5	618.3
55°	637.6	560.5	518.7	425.6	573.3
57.5°	578.2	483.4	443.3	382.2	563.7
60°	523.6	407.9	377.4	335.7	517.1
62.5°	478.6	351.7	345.3	303.5	469.0
65°	430.4	313.2	311.6	276.2	398.3
67.5°	383.8	287.5	285.9	250.5	303.5
70°	334.0	260.2	257.0	223.2	224.8
72.5°	282.7	229.7	226.4	200.8	186.3
75°	231.3	194.3	192.7	175.1	151.0
77.5°	181.5	154.2	157.4	141.3	110.8
80°	130.1	112.4	115.6	101.2	83.5
82.5°	86.7	73.9	77.1	64.2	56.2
85°	48.2	41.8	43.4	33.7	25.7
87.5°	22.5	19.3	19.3	12.8	8.0
90°	36.6	23.3	21.6	15.0	8.4
92.5°	225.6	160.5	146.4	89.8	33.2
95°	555.2	312.7	286.8	183.3	79.8
97.5°	747.8	343.4	320.6	229.3	138.0
100°	817.9	369.2	348.5	265.7	182.9
102.5°	850.1	395.0	375.6	298.4	221.1
105°	873.9	433.2	416.8	351.5	286.0
107.5°	878.3	489.7	474.5	413.5	352.6
110°	871.7	521.4	507.7	452.6	397.5



TEST NUMBER: P935552

CATALOG NUMBER: SQ4-FA-125U-075D-930-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P935552  
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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	10.46	11.20	11.53	12.27	13.74	13.29	14.04	14.37	15.11	16.58
	3H	10.92	11.59	12.01	12.67	14.16	14.63	15.30	15.71	16.38	17.86
	4H	11.11	11.74	12.20	12.83	14.31	15.07	15.70	16.17	16.79	18.28
	6H	11.22	11.80	12.32	12.89	14.39	15.35	15.93	16.46	17.02	18.52
	8H	11.22	11.77	12.33	12.88	14.37	15.43	15.98	16.53	17.08	18.58
	12H	11.19	11.71	12.30	12.81	14.33	15.46	15.99	16.57	17.08	18.60
4H	2H	11.48	12.11	12.58	13.19	14.68	13.69	14.32	14.79	15.40	16.89
	3H	12.49	13.02	13.60	14.13	15.63	15.18	15.71	16.29	16.82	18.32
	4H	12.76	13.25	13.87	14.35	15.87	15.71	16.19	16.82	17.29	18.82
	6H	12.88	13.30	14.00	14.42	15.93	16.07	16.48	17.19	17.61	19.12
	8H	12.88	13.27	14.00	14.39	15.92	16.17	16.56	17.29	17.68	19.21
	12H	12.85	13.20	13.98	14.32	15.86	16.23	16.58	17.36	17.71	19.24
8H	4H	13.21	13.59	14.33	14.71	16.24	15.82	16.21	16.94	17.33	18.86
	6H	13.46	13.78	14.60	14.94	16.47	16.26	16.58	17.40	17.74	19.26
	8H	13.51	13.79	14.65	14.92	16.47	16.41	16.69	17.56	17.83	19.38
	12H	13.48	13.73	14.63	14.87	16.45	16.50	16.75	17.65	17.88	19.47
12H	4H	13.21	13.56	14.34	14.69	16.22	15.78	16.13	16.92	17.26	18.80
	6H	13.52	13.80	14.67	14.94	16.49	16.25	16.53	17.40	17.67	19.22
	8H	13.59	13.83	14.74	14.97	16.55	16.41	16.66	17.56	17.79	19.38