

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: P935124

Luminaire Tested: SQ4-FA-100U-075D-927-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

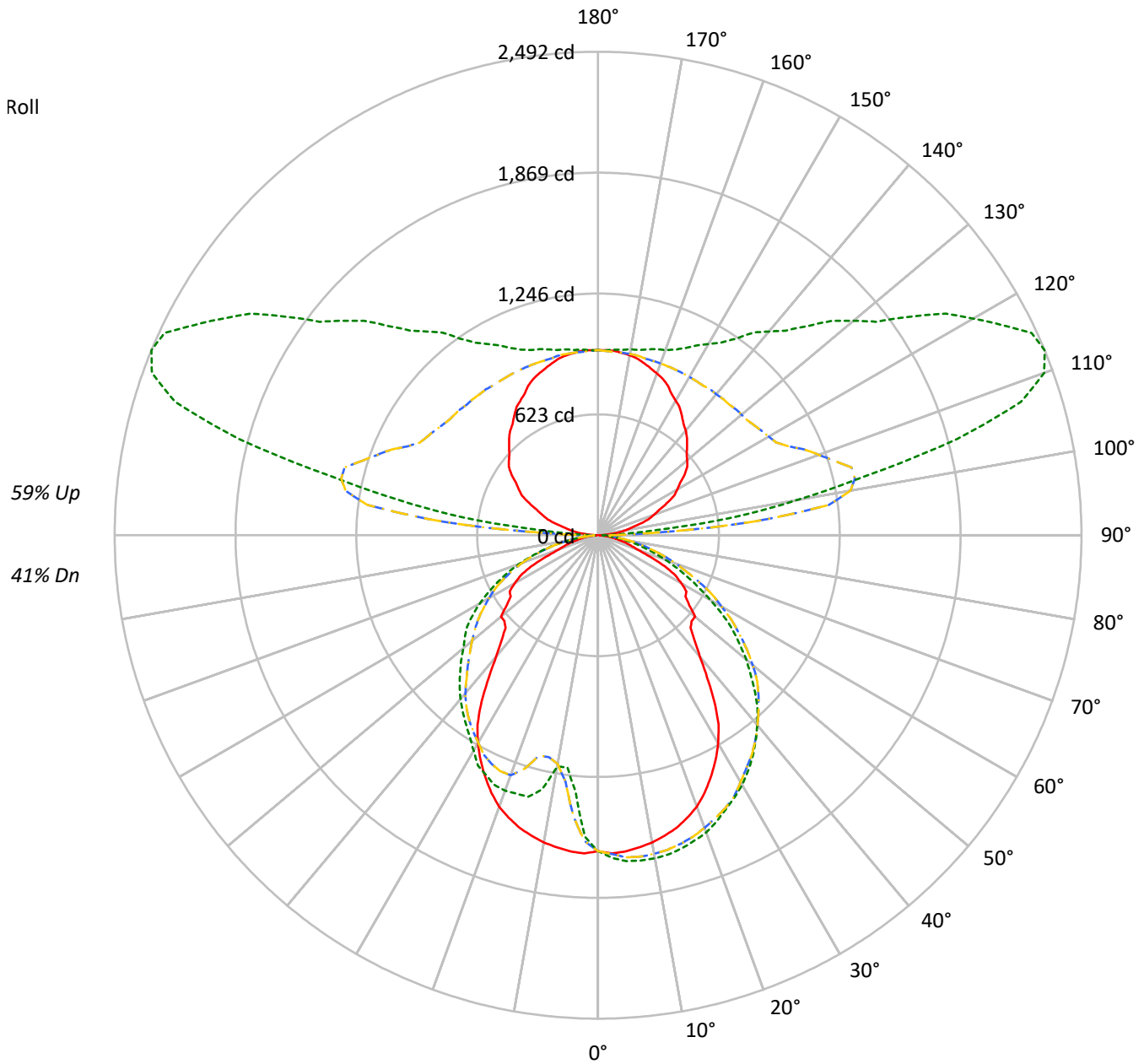
Test Method: LM-79-2019  
Report Number: P935124  
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-075D-927-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10411.2 lumens  
Efficiency: N/A  
Efficacy: 105.8 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: General Diffuse  
  
Input Watts (W): 98.4  
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				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	40	40	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	34	34	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	29	29	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	25	25	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	22	22	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	19	19	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	15	15	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	13	13	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	12	12	12	10

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	7552	7552	7552	7552
5°	7608	7623	7608	5994
10°	7558	7509	7558	5368
15°	7475	7347	7475	6135
20°	7319	7154	7319	6147
25°	6999	6873	6999	6017
30°	6585	6639	6585	5731
35°	5871	6344	5871	5417
40°	4892	5997	4892	5179
45°	4371	5590	4371	4906
50°	4644	5104	4644	4632
55°	4369	4582	4369	4474
60°	4504	3892	4504	4097
65°	4083	3217	4083	3596
70°	2828	2564	2828	3014
75°	2480	1895	2480	2269
80°	1998	1253	1998	1364
85°	1146	664	1146	565

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 6699 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.9	1.4
10°-20°	417.2	4.0
20°-30°	644.9	6.2
30°-40°	769.8	7.4
40°-50°	774.3	7.4
50°-60°	673.8	6.5
60°-70°	477.7	4.6
70°-80°	252.7	2.4
80°-90°	66.6	0.6
90°-100°	465.3	4.5
100°-110°	1223.1	11.7
110°-120°	1268.3	12.2
120°-130°	1017.3	9.8
130°-140°	798.2	7.7
140°-150°	612.7	5.9
150°-160°	441.2	4.2
160°-170°	270.0	2.6
170°-180°	91.2	0.9
0°-30°	1209.0	11.6
0°-40°	1978.8	19.0
0°-60°	3426.9	32.9
0°-90°	4224.0	40.6
90°-120°	2956.6	28.4
90°-150°	5384.8	51.7
90°-180°	6187.0	59.4
0°-180°	10411.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1628	1628	1628	1628	1628	
5°	1635	1686	1635	1326	1635	155
15°	1562	1671	1562	1395	1562	439
25°	1375	1558	1375	1364	1375	631
35°	1046	1390	1046	1187	1046	647
45°	674	1146	674	1006	674	540
55°	550	846	550	825	550	505
65°	382	510	382	570	382	365
75°	145	242	145	290	145	152
85°	25	62	25	52	25	33
90°	6	24	6	24	6	6
95°	62	281	62	281	62	68
105°	220	1915	220	1915	220	234
115°	391	2466	391	2466	391	387
125°	544	1964	544	1964	544	483
135°	649	1524	649	1524	649	502
145°	753	1236	753	1236	753	472
155°	851	1065	851	1065	851	391
165°	918	992	918	992	918	259
175°	954	961	954	961	954	91
180°	954	954	954	954	954	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1641.6	1641.6	1650.8	1653.9	1653.9	1649.3	1644.6	1649.3	1663.1	1667.7	1666.2
5°	1635.4	1647.7	1664.7	1667.7	1670.8	1669.3	1666.2	1669.3	1684.7	1687.8	1689.3
7.5°	1623.1	1646.2	1667.7	1672.4	1677.0	1672.4	1670.8	1673.9	1689.3	1692.4	1692.4
10°	1607.7	1640.0	1664.7	1667.7	1672.4	1667.7	1667.7	1673.9	1689.3	1692.4	1693.9
12.5°	1586.1	1630.8	1653.9	1657.0	1663.1	1661.6	1660.0	1666.2	1681.6	1684.7	1684.7
15°	1561.5	1613.8	1635.4	1638.5	1649.3	1646.2	1646.2	1652.3	1669.3	1673.9	1672.4
17.5°	1527.6	1592.3	1616.9	1621.5	1629.2	1627.7	1629.2	1635.4	1650.8	1653.9	1655.4
20°	1489.1	1563.0	1592.3	1596.9	1604.6	1604.6	1604.6	1612.3	1627.7	1633.9	1633.9
22.5°	1436.7	1532.2	1563.0	1566.1	1575.3	1575.3	1578.4	1589.2	1603.1	1604.6	1604.6
25°	1375.1	1498.3	1524.5	1533.8	1543.0	1547.6	1552.2	1558.4	1563.0	1561.5	1563.0
27.5°	1310.5	1455.2	1489.1	1495.3	1507.6	1512.2	1518.4	1519.9	1521.4	1526.1	1523.0
30°	1238.1	1395.2	1446.0	1452.1	1472.2	1475.2	1469.1	1472.2	1479.9	1482.9	1486.0
32.5°	1156.5	1305.8	1401.3	1415.2	1433.7	1424.4	1422.9	1427.5	1439.8	1439.8	1442.9
35°	1045.6	1236.5	1359.7	1372.1	1385.9	1375.1	1381.3	1382.8	1390.5	1395.2	1393.6
37.5°	923.9	1176.5	1316.6	1325.9	1336.6	1322.8	1332.0	1336.6	1342.8	1339.7	1339.7
40°	816.2	1082.5	1265.8	1272.0	1281.2	1270.4	1279.7	1282.7	1285.8	1282.7	1281.2
42.5°	736.1	979.4	1211.9	1219.6	1213.4	1221.1	1224.2	1230.4	1225.8	1219.6	1219.6
45°	674.5	951.6	1153.4	1162.6	1153.4	1165.7	1170.3	1170.3	1156.5	1153.4	1151.8
47.5°	654.5	896.3	1094.9	1094.9	1090.2	1105.6	1113.3	1102.6	1088.7	1084.1	1084.1
50°	653.0	834.7	1014.8	1008.6	1030.2	1048.7	1041.0	1030.2	1019.4	1002.5	1002.5
52.5°	592.9	759.2	911.7	934.7	968.6	979.4	967.0	956.3	937.8	930.1	923.9
55°	549.8	680.7	817.7	863.9	899.4	913.2	890.1	879.3	851.6	847.0	843.9
57.5°	540.5	566.7	731.5	790.0	833.1	831.6	817.7	797.7	774.6	770.0	768.5
60°	495.9	409.6	639.1	708.4	753.1	748.4	736.1	717.6	696.1	693.0	689.9
62.5°	449.7	297.2	534.4	612.9	676.1	674.5	663.7	636.0	620.6	612.9	606.8
65°	381.9	249.5	380.4	509.7	600.6	603.7	580.6	560.6	543.6	534.4	532.8
67.5°	291.1	203.3	257.2	425.0	528.2	525.1	495.9	486.6	465.1	460.5	451.2
70°	215.6	135.5	178.6	345.0	457.4	449.7	426.6	415.8	395.8	385.0	378.8
72.5°	178.6	109.3	130.9	268.0	385.0	375.8	355.7	343.4	326.5	317.2	311.1
75°	144.8	115.5	100.1	198.7	312.6	306.5	288.0	275.7	261.8	249.5	251.0
77.5°	106.3	107.8	80.1	146.3	247.9	238.7	227.9	212.5	206.4	194.0	194.0
80°	80.1	84.7	60.1	100.1	178.6	178.6	169.4	158.6	147.8	141.7	141.7
82.5°	53.9	53.9	44.7	63.1	121.7	117.0	110.9	107.8	101.6	98.6	98.6
85°	24.6	30.8	27.7	38.5	66.2	69.3	69.3	66.2	64.7	61.6	63.1
87.5°	7.7	13.9	16.9	21.6	33.9	35.4	37.0	37.0	37.0	38.5	38.5
90°	6.4	11.6	16.6	17.9	28.2	41.8	48.7	43.3	32.4	24.3	24.3
92.5°	25.6	69.2	112.8	123.7	173.8	240.7	274.1	240.2	172.6	121.7	116.9
95°	61.5	141.2	220.9	240.9	427.7	676.8	801.3	715.1	542.5	413.2	398.6
97.5°	106.3	176.6	247.0	264.6	576.1	991.5	1199.1	1144.6	1035.6	953.8	925.9
100°	140.9	204.7	268.5	284.4	630.1	1091.0	1321.5	1325.5	1333.4	1339.4	1306.2
102.5°	170.4	229.8	289.4	304.2	654.8	1122.3	1356.0	1425.5	1564.5	1668.7	1640.2
105°	220.4	270.7	321.1	333.7	673.2	1125.9	1352.2	1507.9	1819.4	2053.0	2037.7
107.5°	271.6	318.5	365.5	377.3	676.7	1075.8	1275.4	1492.6	1927.0	2252.8	2256.5
110°	306.2	348.6	391.0	401.6	671.5	1031.3	1211.3	1454.1	1939.8	2304.1	2320.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	340.1	380.5	421.0	431.1	671.7	992.6	1153.0	1401.6	1898.6	2271.4	2295.9
115°	391.4	428.7	466.0	475.3	677.9	948.1	1083.2	1322.6	1801.5	2160.6	2194.6
117.5°	442.0	475.9	509.7	518.2	690.5	920.2	1035.1	1251.2	1683.4	2007.5	2045.1
120°	471.5	503.3	535.2	543.2	700.8	910.9	1015.9	1213.4	1608.2	1904.4	1940.9
122.5°	500.3	532.5	564.6	572.6	715.5	905.9	1001.2	1178.9	1534.5	1801.3	1837.4
125°	544.5	573.8	603.1	610.5	735.4	901.9	985.1	1136.2	1438.3	1664.8	1698.1
127.5°	580.3	609.9	639.6	647.0	755.2	899.6	971.7	1101.4	1360.7	1555.2	1583.3
130°	599.5	631.4	663.3	671.3	769.7	901.0	966.6	1082.0	1312.9	1486.1	1512.0
132.5°	619.4	651.3	683.1	691.2	781.5	901.9	962.1	1065.4	1272.1	1427.1	1450.3
135°	648.9	677.9	707.0	714.3	794.3	901.1	954.4	1041.0	1214.1	1343.9	1363.9
137.5°	679.0	707.7	736.5	743.7	813.5	906.6	953.1	1026.3	1172.6	1282.4	1298.8
140°	703.9	730.4	756.9	763.5	825.2	907.5	948.6	1011.9	1138.3	1233.1	1248.4
142.5°	723.2	747.7	772.2	778.2	835.1	910.8	948.6	1004.2	1115.2	1198.5	1211.7
145°	752.7	774.0	795.4	800.7	847.9	910.8	942.2	987.7	1078.5	1146.6	1156.5
147.5°	782.1	802.9	823.7	828.9	866.7	917.1	942.2	978.0	1049.4	1103.0	1111.3
150°	801.3	820.1	838.9	843.6	876.5	920.3	942.2	972.4	1032.8	1078.1	1084.8
152.5°	821.2	835.4	849.7	853.2	882.9	922.5	942.2	968.0	1019.6	1058.2	1063.3
155°	850.6	861.2	871.7	874.3	897.0	927.2	942.2	962.7	1003.8	1034.5	1037.8
157.5°	872.4	882.7	893.0	895.5	911.1	931.9	942.2	958.2	990.1	1014.0	1016.3
160°	887.2	895.2	903.1	905.1	917.5	934.0	942.2	956.0	983.3	1003.8	1005.2
162.5°	901.9	907.9	913.9	915.4	924.3	936.2	942.2	953.8	976.8	994.1	995.5
165°	917.9	923.3	928.7	930.1	934.2	939.6	942.2	950.5	967.0	979.4	980.8
167.5°	932.6	935.2	937.8	938.4	941.8	946.3	948.6	954.0	964.9	973.0	973.5
170°	942.2	944.8	947.4	948.0	948.3	948.5	948.6	954.0	964.9	973.0	973.0
172.5°	947.4	947.9	948.5	948.6	948.6	948.6	948.6	953.0	961.5	967.9	967.4
175°	954.4	954.4	954.4	954.4	952.5	949.9	948.6	951.3	956.7	960.8	960.8
177.5°	954.4	954.4	954.4	954.4	953.0	951.0	949.9	952.1	956.3	959.6	959.0
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1669.3	1664.7	1669.3	1666.2	1667.7	1663.1	1649.3	1644.6	1649.3	1653.9	1653.9
5°	1689.3	1686.2	1689.3	1689.3	1687.8	1684.7	1669.3	1666.2	1669.3	1670.8	1667.7
7.5°	1695.5	1690.8	1695.5	1692.4	1692.4	1689.3	1673.9	1670.8	1672.4	1677.0	1672.4
10°	1695.5	1690.8	1695.5	1693.9	1692.4	1689.3	1673.9	1667.7	1667.7	1672.4	1667.7
12.5°	1687.8	1684.7	1687.8	1684.7	1684.7	1681.6	1666.2	1660.0	1661.6	1663.1	1657.0
15°	1675.4	1670.8	1675.4	1672.4	1673.9	1669.3	1652.3	1646.2	1646.2	1649.3	1638.5
17.5°	1657.0	1650.8	1657.0	1655.4	1653.9	1650.8	1635.4	1629.2	1627.7	1629.2	1621.5
20°	1635.4	1630.8	1635.4	1633.9	1633.9	1627.7	1612.3	1604.6	1604.6	1604.6	1596.9
22.5°	1601.5	1596.9	1601.5	1604.6	1604.6	1603.1	1589.2	1578.4	1575.3	1575.3	1566.1
25°	1563.0	1558.4	1563.0	1563.0	1561.5	1563.0	1558.4	1552.2	1547.6	1543.0	1533.8
27.5°	1526.1	1523.0	1526.1	1523.0	1526.1	1521.4	1519.9	1518.4	1512.2	1507.6	1495.3
30°	1489.1	1486.0	1489.1	1486.0	1482.9	1479.9	1472.2	1469.1	1475.2	1472.2	1452.1
32.5°	1442.9	1439.8	1442.9	1442.9	1439.8	1439.8	1427.5	1422.9	1424.4	1433.7	1415.2
35°	1395.2	1390.5	1395.2	1393.6	1395.2	1390.5	1382.8	1381.3	1375.1	1385.9	1372.1
37.5°	1339.7	1335.1	1339.7	1339.7	1339.7	1342.8	1336.6	1332.0	1322.8	1336.6	1325.9
40°	1282.7	1276.6	1282.7	1281.2	1282.7	1285.8	1282.7	1279.7	1270.4	1281.2	1272.0
42.5°	1218.1	1216.5	1218.1	1219.6	1219.6	1225.8	1230.4	1224.2	1221.1	1213.4	1219.6
45°	1148.8	1145.7	1148.8	1151.8	1153.4	1156.5	1170.3	1170.3	1165.7	1153.4	1162.6
47.5°	1074.8	1067.1	1074.8	1084.1	1084.1	1088.7	1102.6	1113.3	1105.6	1090.2	1094.9
50°	996.3	997.8	996.3	1002.5	1002.5	1019.4	1030.2	1041.0	1048.7	1030.2	1008.6
52.5°	919.3	917.8	919.3	923.9	930.1	937.8	956.3	967.0	979.4	968.6	934.7
55°	842.4	845.5	842.4	843.9	847.0	851.6	879.3	890.1	913.2	899.4	863.9
57.5°	765.4	760.8	765.4	768.5	770.0	774.6	797.7	817.7	831.6	833.1	790.0
60°	676.1	669.9	676.1	689.9	693.0	696.1	717.6	736.1	748.4	753.1	708.4
62.5°	597.5	586.7	597.5	606.8	612.9	620.6	636.0	663.7	674.5	676.1	612.9
65°	514.4	509.7	514.4	532.8	534.4	543.6	560.6	580.6	603.7	600.6	509.7
67.5°	438.9	438.9	438.9	451.2	460.5	465.1	486.6	495.9	525.1	528.2	425.0
70°	369.6	368.1	369.6	378.8	385.0	395.8	415.8	426.6	449.7	457.4	345.0
72.5°	303.4	301.8	303.4	311.1	317.2	326.5	343.4	355.7	375.8	385.0	268.0
75°	244.9	241.8	244.9	251.0	249.5	261.8	275.7	288.0	306.5	312.6	198.7
77.5°	187.9	187.9	187.9	194.0	194.0	206.4	212.5	227.9	238.7	247.9	146.3
80°	140.1	138.6	140.1	141.7	141.7	147.8	158.6	169.4	178.6	178.6	100.1
82.5°	98.6	95.5	98.6	98.6	98.6	101.6	107.8	110.9	117.0	121.7	63.1
85°	61.6	61.6	61.6	63.1	61.6	64.7	66.2	69.3	69.3	66.2	38.5
87.5°	40.0	38.5	40.0	38.5	38.5	37.0	37.0	37.0	35.4	33.9	21.6
90°	24.3	24.3	24.3	24.3	24.3	32.4	43.3	48.7	41.8	28.2	17.9
92.5°	97.6	78.2	97.6	116.9	121.7	172.6	240.2	274.1	240.7	173.8	123.7
95°	339.9	281.2	339.9	398.6	413.2	542.5	715.1	801.3	676.8	427.7	240.9
97.5°	814.3	702.7	814.3	925.9	953.8	1035.6	1144.6	1199.1	991.5	576.1	264.6
100°	1173.2	1040.3	1173.2	1306.2	1339.4	1333.4	1325.5	1321.5	1091.0	630.1	284.4
102.5°	1526.3	1412.4	1526.3	1640.2	1668.7	1564.5	1425.5	1356.0	1122.3	654.8	304.2
105°	1976.4	1915.2	1976.4	2037.7	2053.0	1819.4	1507.9	1352.2	1125.9	673.2	333.7
107.5°	2271.3	2286.1	2271.3	2256.5	2252.8	1927.0	1492.6	1275.4	1075.8	676.7	377.3
110°	2383.8	2447.5	2383.8	2320.0	2304.1	1939.8	1454.1	1211.3	1031.3	671.5	401.6





TEST NUMBER: P935124

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2393.8	2491.7	2393.8	2295.9	2271.4	1898.6	1401.6	1153.0	992.6	671.7	431.1
115°	2330.3	2466.2	2330.3	2194.6	2160.6	1801.5	1322.6	1083.2	948.1	677.9	475.3
117.5°	2195.7	2346.3	2195.7	2045.1	2007.5	1683.4	1251.2	1035.1	920.2	690.5	518.2
120°	2087.3	2233.6	2087.3	1940.9	1904.4	1608.2	1213.4	1015.9	910.9	700.8	543.2
122.5°	1981.7	2126.0	1981.7	1837.4	1801.3	1534.5	1178.9	1001.2	905.9	715.5	572.6
125°	1831.0	1964.0	1831.0	1698.1	1664.8	1438.3	1136.2	985.1	901.9	735.4	610.5
127.5°	1695.5	1807.7	1695.5	1583.3	1555.2	1360.7	1101.4	971.7	899.6	755.2	647.0
130°	1615.6	1719.3	1615.6	1512.0	1486.1	1312.9	1082.0	966.6	901.0	769.7	671.3
132.5°	1543.2	1635.9	1543.2	1450.3	1427.1	1272.1	1065.4	962.1	901.9	781.5	691.2
135°	1443.9	1523.9	1443.9	1363.9	1343.9	1214.1	1041.0	954.4	901.1	794.3	714.3
137.5°	1364.2	1429.7	1364.2	1298.8	1282.4	1172.6	1026.3	953.1	906.6	813.5	743.7
140°	1309.5	1370.8	1309.5	1248.4	1233.1	1138.3	1011.9	948.6	907.5	825.2	763.5
142.5°	1264.3	1317.0	1264.3	1211.7	1198.5	1115.2	1004.2	948.6	910.8	835.1	778.2
145°	1196.4	1236.2	1196.4	1156.5	1146.6	1078.5	987.7	942.2	910.8	847.9	800.7
147.5°	1144.3	1177.3	1144.3	1111.3	1103.0	1049.4	978.0	942.2	917.1	866.7	828.9
150°	1111.5	1138.3	1111.5	1084.8	1078.1	1032.8	972.4	942.2	920.3	876.5	843.6
152.5°	1083.5	1103.6	1083.5	1063.3	1058.2	1019.6	968.0	942.2	922.5	882.9	853.2
155°	1051.2	1064.6	1051.2	1037.8	1034.5	1003.8	962.7	942.2	927.2	897.0	874.3
157.5°	1025.7	1035.1	1025.7	1016.3	1014.0	990.1	958.2	942.2	931.9	911.1	895.5
160°	1010.5	1015.9	1010.5	1005.2	1003.8	983.3	956.0	942.2	934.0	917.5	905.1
162.5°	1000.5	1005.7	1000.5	995.5	994.1	976.8	953.8	942.2	936.2	924.3	915.4
165°	986.2	991.6	986.2	980.8	979.4	967.0	950.5	942.2	939.6	934.2	930.1
167.5°	975.8	978.1	975.8	973.5	973.0	964.9	954.0	948.6	946.3	941.8	938.4
170°	973.0	973.0	973.0	973.0	973.0	964.9	954.0	948.6	948.5	948.3	948.0
172.5°	965.4	963.4	965.4	967.4	967.9	961.5	953.0	948.6	948.6	948.6	948.6
175°	960.8	960.8	960.8	960.8	960.8	956.7	951.3	948.6	949.9	952.5	954.4
177.5°	956.7	954.4	956.7	959.0	959.6	956.3	952.1	949.9	951.0	953.0	954.4
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4



TEST NUMBER: P935124

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1650.8	1641.6	1641.6	1626.2	1620.0	1615.4	1607.7	1584.6	1578.4	1572.3	1581.5
5°	1664.7	1647.7	1635.4	1607.7	1584.6	1575.3	1546.1	1490.6	1453.7	1426.0	1410.6
7.5°	1667.7	1646.2	1623.1	1580.0	1524.5	1499.9	1410.6	1308.9	1281.2	1256.6	1241.2
10°	1664.7	1640.0	1607.7	1543.0	1412.1	1369.0	1279.7	1213.4	1196.5	1191.9	1196.5
12.5°	1653.9	1630.8	1586.1	1478.3	1295.1	1265.8	1213.4	1174.9	1171.9	1179.6	1221.1
15°	1635.4	1613.8	1561.5	1392.1	1230.4	1208.8	1171.9	1158.0	1174.9	1228.8	1353.6
17.5°	1616.9	1592.3	1527.6	1307.4	1181.1	1165.7	1139.5	1167.2	1262.7	1335.1	1376.7
20°	1592.3	1563.0	1489.1	1245.8	1145.7	1131.8	1119.5	1244.2	1316.6	1342.8	1365.9
22.5°	1563.0	1532.2	1436.7	1202.7	1108.7	1097.9	1105.6	1287.4	1316.6	1335.1	1355.1
25°	1524.5	1498.3	1375.1	1168.8	1079.5	1067.1	1096.4	1282.7	1299.7	1304.3	1344.3
27.5°	1489.1	1455.2	1310.5	1138.0	1044.0	1039.4	1104.1	1262.7	1275.0	1279.7	1322.8
30°	1446.0	1395.2	1238.1	1105.6	1007.1	1005.5	1105.6	1238.1	1235.0	1247.3	1290.4
32.5°	1401.3	1305.8	1156.5	1065.6	971.7	970.1	1094.9	1201.1	1198.0	1215.0	1247.3
35°	1359.7	1236.5	1045.6	1019.4	927.0	928.5	1068.7	1158.0	1159.5	1174.9	1195.0
37.5°	1316.6	1176.5	923.9	968.6	884.0	884.0	1033.3	1118.0	1114.9	1119.5	1147.2
40°	1265.8	1082.5	816.2	902.4	843.9	839.3	990.1	1074.8	1064.1	1062.5	1101.0
42.5°	1211.9	979.4	736.1	814.7	797.7	791.6	937.8	1022.5	1002.5	1007.1	1056.4
45°	1153.4	951.6	674.5	688.4	750.0	745.4	880.9	962.4	948.6	960.9	1011.7
47.5°	1094.9	896.3	654.5	571.3	699.2	697.6	817.7	904.0	896.3	908.6	962.4
50°	1014.8	834.7	653.0	489.7	642.2	648.3	742.3	847.0	847.0	857.8	914.8
52.5°	911.7	759.2	592.9	443.5	576.0	594.4	676.1	797.7	800.8	811.6	862.4
55°	817.7	680.7	549.8	408.1	497.4	537.5	611.4	746.9	753.1	763.8	810.0
57.5°	731.5	566.7	540.5	366.5	425.0	463.5	554.4	697.6	700.7	709.9	754.6
60°	639.1	409.6	495.9	321.9	361.9	391.2	502.0	639.1	649.9	656.0	694.5
62.5°	534.4	297.2	449.7	291.1	331.1	337.3	458.9	583.7	597.5	602.1	625.2
65°	380.4	249.5	381.9	264.9	298.8	300.3	412.7	526.7	539.0	546.7	563.6
67.5°	257.2	203.3	291.1	240.2	274.1	275.7	368.1	460.5	477.4	483.6	494.3
70°	178.6	135.5	215.6	214.1	246.4	249.5	320.3	400.4	415.8	420.4	426.6
72.5°	130.9	109.3	178.6	192.5	217.1	220.2	271.0	332.6	348.0	352.7	355.7
75°	100.1	115.5	144.8	167.9	184.8	186.3	221.8	271.0	281.8	284.9	286.4
77.5°	80.1	107.8	106.3	135.5	150.9	147.8	174.0	209.4	218.7	218.7	218.7
80°	60.1	84.7	80.1	97.0	110.9	107.8	124.7	149.4	152.5	155.5	154.0
82.5°	44.7	53.9	53.9	61.6	73.9	70.8	83.2	97.0	97.0	97.0	100.1
85°	27.7	30.8	24.6	32.3	41.6	40.0	46.2	52.4	53.9	53.9	50.8
87.5°	16.9	13.9	7.7	12.3	18.5	18.5	21.6	23.1	21.6	21.6	21.6
90°	16.6	11.6	6.4	11.6	16.6	17.9	28.2	41.8	48.7	43.3	32.4
92.5°	112.8	69.2	25.6	69.2	112.8	123.7	173.8	240.7	274.1	240.2	172.6
95°	220.9	141.2	61.5	141.2	220.9	240.9	427.7	676.8	801.3	715.1	542.5
97.5°	247.0	176.6	106.3	176.6	247.0	264.6	576.1	991.5	1199.1	1144.6	1035.6
100°	268.5	204.7	140.9	204.7	268.5	284.4	630.1	1091.0	1321.5	1325.5	1333.4
102.5°	289.4	229.8	170.4	229.8	289.4	304.2	654.8	1122.3	1356.0	1425.5	1564.5
105°	321.1	270.7	220.4	270.7	321.1	333.7	673.2	1125.9	1352.2	1507.9	1819.4
107.5°	365.5	318.5	271.6	318.5	365.5	377.3	676.7	1075.8	1275.4	1492.6	1927.0
110°	391.0	348.6	306.2	348.6	391.0	401.6	671.5	1031.3	1211.3	1454.1	1939.8



TEST NUMBER: P935124

CATALOG NUMBER: SQ4-FA-100U-075D-927-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	421.0	380.5	340.1	380.5	421.0	431.1	671.7	992.6	1153.0	1401.6	1898.6
115°	466.0	428.7	391.4	428.7	466.0	475.3	677.9	948.1	1083.2	1322.6	1801.5
117.5°	509.7	475.9	442.0	475.9	509.7	518.2	690.5	920.2	1035.1	1251.2	1683.4
120°	535.2	503.3	471.5	503.3	535.2	543.2	700.8	910.9	1015.9	1213.4	1608.2
122.5°	564.6	532.5	500.3	532.5	564.6	572.6	715.5	905.9	1001.2	1178.9	1534.5
125°	603.1	573.8	544.5	573.8	603.1	610.5	735.4	901.9	985.1	1136.2	1438.3
127.5°	639.6	609.9	580.3	609.9	639.6	647.0	755.2	899.6	971.7	1101.4	1360.7
130°	663.3	631.4	599.5	631.4	663.3	671.3	769.7	901.0	966.6	1082.0	1312.9
132.5°	683.1	651.3	619.4	651.3	683.1	691.2	781.5	901.9	962.1	1065.4	1272.1
135°	707.0	677.9	648.9	677.9	707.0	714.3	794.3	901.1	954.4	1041.0	1214.1
137.5°	736.5	707.7	679.0	707.7	736.5	743.7	813.5	906.6	953.1	1026.3	1172.6
140°	756.9	730.4	703.9	730.4	756.9	763.5	825.2	907.5	948.6	1011.9	1138.3
142.5°	772.2	747.7	723.2	747.7	772.2	778.2	835.1	910.8	948.6	1004.2	1115.2
145°	795.4	774.0	752.7	774.0	795.4	800.7	847.9	910.8	942.2	987.7	1078.5
147.5°	823.7	802.9	782.1	802.9	823.7	828.9	866.7	917.1	942.2	978.0	1049.4
150°	838.9	820.1	801.3	820.1	838.9	843.6	876.5	920.3	942.2	972.4	1032.8
152.5°	849.7	835.4	821.2	835.4	849.7	853.2	882.9	922.5	942.2	968.0	1019.6
155°	871.7	861.2	850.6	861.2	871.7	874.3	897.0	927.2	942.2	962.7	1003.8
157.5°	893.0	882.7	872.4	882.7	893.0	895.5	911.1	931.9	942.2	958.2	990.1
160°	903.1	895.2	887.2	895.2	903.1	905.1	917.5	934.0	942.2	956.0	983.3
162.5°	913.9	907.9	901.9	907.9	913.9	915.4	924.3	936.2	942.2	953.8	976.8
165°	928.7	923.3	917.9	923.3	928.7	930.1	934.2	939.6	942.2	950.5	967.0
167.5°	937.8	935.2	932.6	935.2	937.8	938.4	941.8	946.3	948.6	954.0	964.9
170°	947.4	944.8	942.2	944.8	947.4	948.0	948.3	948.5	948.6	954.0	964.9
172.5°	948.5	947.9	947.4	947.9	948.5	948.6	948.6	948.6	948.6	953.0	961.5
175°	954.4	954.4	954.4	954.4	954.4	954.4	952.5	949.9	948.6	951.3	956.7
177.5°	954.4	954.4	954.4	954.4	954.4	954.4	953.0	951.0	949.9	952.1	956.3
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4



TEST NUMBER: P935124

CATALOG NUMBER: SQ4-FA-100U-075D-927-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1570.7	1566.1	1572.3	1555.3	1572.3	1566.1	1570.7	1581.5	1572.3	1578.4	1584.6
5°	1378.2	1370.5	1345.9	1325.9	1345.9	1370.5	1378.2	1410.6	1426.0	1453.7	1490.6
7.5°	1231.9	1225.8	1219.6	1207.3	1219.6	1225.8	1231.9	1241.2	1256.6	1281.2	1308.9
10°	1199.6	1201.1	1210.4	1208.8	1210.4	1201.1	1199.6	1196.5	1191.9	1196.5	1213.4
12.5°	1282.7	1296.6	1347.4	1344.3	1347.4	1296.6	1282.7	1221.1	1179.6	1171.9	1174.9
15°	1378.2	1382.8	1393.6	1395.2	1393.6	1382.8	1378.2	1353.6	1228.8	1174.9	1158.0
17.5°	1387.5	1389.0	1396.7	1396.7	1396.7	1389.0	1387.5	1376.7	1335.1	1262.7	1167.2
20°	1379.8	1382.8	1398.2	1401.3	1398.2	1382.8	1379.8	1365.9	1342.8	1316.6	1244.2
22.5°	1376.7	1382.8	1395.2	1393.6	1395.2	1382.8	1376.7	1355.1	1335.1	1316.6	1287.4
25°	1361.3	1361.3	1362.8	1364.4	1362.8	1361.3	1361.3	1344.3	1304.3	1299.7	1282.7
27.5°	1328.9	1332.0	1341.3	1339.7	1341.3	1332.0	1328.9	1322.8	1279.7	1275.0	1262.7
30°	1299.7	1296.6	1288.9	1282.7	1288.9	1296.6	1299.7	1290.4	1247.3	1235.0	1238.1
32.5°	1250.4	1242.7	1235.0	1230.4	1235.0	1242.7	1250.4	1247.3	1215.0	1198.0	1201.1
35°	1191.9	1193.4	1191.9	1187.3	1191.9	1193.4	1191.9	1195.0	1174.9	1159.5	1158.0
37.5°	1150.3	1153.4	1151.8	1145.7	1151.8	1153.4	1150.3	1147.2	1119.5	1114.9	1118.0
40°	1107.2	1108.7	1107.2	1102.6	1107.2	1108.7	1107.2	1101.0	1062.5	1064.1	1074.8
42.5°	1065.6	1064.1	1059.4	1056.4	1059.4	1064.1	1065.6	1056.4	1007.1	1002.5	1022.5
45°	1017.9	1019.4	1010.2	1005.5	1010.2	1019.4	1017.9	1011.7	960.9	948.6	962.4
47.5°	970.1	970.1	962.4	957.8	962.4	970.1	970.1	962.4	908.6	896.3	904.0
50°	919.3	917.8	907.1	905.5	907.1	917.8	919.3	914.8	857.8	847.0	847.0
52.5°	860.9	860.9	862.4	865.5	862.4	860.9	860.9	862.4	811.6	800.8	797.7
55°	810.0	811.6	822.4	825.4	822.4	811.6	810.0	810.0	763.8	753.1	746.9
57.5°	757.7	757.7	765.4	765.4	765.4	757.7	757.7	754.6	709.9	700.7	697.6
60°	697.6	700.7	706.9	705.3	706.9	700.7	697.6	694.5	656.0	649.9	639.1
62.5°	634.5	637.6	639.1	636.0	639.1	637.6	634.5	625.2	602.1	597.5	583.7
65°	568.3	571.3	572.9	569.8	572.9	571.3	568.3	563.6	546.7	539.0	526.7
67.5°	500.5	499.0	497.4	503.6	497.4	499.0	500.5	494.3	483.6	477.4	460.5
70°	431.2	431.2	429.7	432.7	429.7	431.2	431.2	426.6	420.4	415.8	400.4
72.5°	357.3	355.7	361.9	357.3	361.9	355.7	357.3	355.7	352.7	348.0	332.6
75°	284.9	288.0	284.9	289.5	284.9	288.0	284.9	286.4	284.9	281.8	271.0
77.5°	217.1	220.2	217.1	217.1	217.1	220.2	217.1	218.7	218.7	218.7	209.4
80°	154.0	152.5	152.5	150.9	152.5	152.5	154.0	154.0	155.5	152.5	149.4
82.5°	98.6	97.0	97.0	100.1	97.0	97.0	98.6	100.1	97.0	97.0	97.0
85°	53.9	55.4	52.4	52.4	52.4	55.4	53.9	50.8	53.9	53.9	52.4
87.5°	20.0	18.5	18.5	18.5	18.5	18.5	20.0	21.6	21.6	21.6	23.1
90°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	32.4	43.3	48.7	41.8
92.5°	121.7	116.9	97.6	78.2	97.6	116.9	121.7	172.6	240.2	274.1	240.7
95°	413.2	398.6	339.9	281.2	339.9	398.6	413.2	542.5	715.1	801.3	676.8
97.5°	953.8	925.9	814.3	702.7	814.3	925.9	953.8	1035.6	1144.6	1199.1	991.5
100°	1339.4	1306.2	1173.2	1040.3	1173.2	1306.2	1339.4	1333.4	1325.5	1321.5	1091.0
102.5°	1668.7	1640.2	1526.3	1412.4	1526.3	1640.2	1668.7	1564.5	1425.5	1356.0	1122.3
105°	2053.0	2037.7	1976.4	1915.2	1976.4	2037.7	2053.0	1819.4	1507.9	1352.2	1125.9
107.5°	2252.8	2256.5	2271.3	2286.1	2271.3	2256.5	2252.8	1927.0	1492.6	1275.4	1075.8
110°	2304.1	2320.0	2383.8	2447.5	2383.8	2320.0	2304.1	1939.8	1454.1	1211.3	1031.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2271.4	2295.9	2393.8	2491.7	2393.8	2295.9	2271.4	1898.6	1401.6	1153.0	992.6
115°	2160.6	2194.6	2330.3	2466.2	2330.3	2194.6	2160.6	1801.5	1322.6	1083.2	948.1
117.5°	2007.5	2045.1	2195.7	2346.3	2195.7	2045.1	2007.5	1683.4	1251.2	1035.1	920.2
120°	1904.4	1940.9	2087.3	2233.6	2087.3	1940.9	1904.4	1608.2	1213.4	1015.9	910.9
122.5°	1801.3	1837.4	1981.7	2126.0	1981.7	1837.4	1801.3	1534.5	1178.9	1001.2	905.9
125°	1664.8	1698.1	1831.0	1964.0	1831.0	1698.1	1664.8	1438.3	1136.2	985.1	901.9
127.5°	1555.2	1583.3	1695.5	1807.7	1695.5	1583.3	1555.2	1360.7	1101.4	971.7	899.6
130°	1486.1	1512.0	1615.6	1719.3	1615.6	1512.0	1486.1	1312.9	1082.0	966.6	901.0
132.5°	1427.1	1450.3	1543.2	1635.9	1543.2	1450.3	1427.1	1272.1	1065.4	962.1	901.9
135°	1343.9	1363.9	1443.9	1523.9	1443.9	1363.9	1343.9	1214.1	1041.0	954.4	901.1
137.5°	1282.4	1298.8	1364.2	1429.7	1364.2	1298.8	1282.4	1172.6	1026.3	953.1	906.6
140°	1233.1	1248.4	1309.5	1370.8	1309.5	1248.4	1233.1	1138.3	1011.9	948.6	907.5
142.5°	1198.5	1211.7	1264.3	1317.0	1264.3	1211.7	1198.5	1115.2	1004.2	948.6	910.8
145°	1146.6	1156.5	1196.4	1236.2	1196.4	1156.5	1146.6	1078.5	987.7	942.2	910.8
147.5°	1103.0	1111.3	1144.3	1177.3	1144.3	1111.3	1103.0	1049.4	978.0	942.2	917.1
150°	1078.1	1084.8	1111.5	1138.3	1111.5	1084.8	1078.1	1032.8	972.4	942.2	920.3
152.5°	1058.2	1063.3	1083.5	1103.6	1083.5	1063.3	1058.2	1019.6	968.0	942.2	922.5
155°	1034.5	1037.8	1051.2	1064.6	1051.2	1037.8	1034.5	1003.8	962.7	942.2	927.2
157.5°	1014.0	1016.3	1025.7	1035.1	1025.7	1016.3	1014.0	990.1	958.2	942.2	931.9
160°	1003.8	1005.2	1010.5	1015.9	1010.5	1005.2	1003.8	983.3	956.0	942.2	934.0
162.5°	994.1	995.5	1000.5	1005.7	1000.5	995.5	994.1	976.8	953.8	942.2	936.2
165°	979.4	980.8	986.2	991.6	986.2	980.8	979.4	967.0	950.5	942.2	939.6
167.5°	973.0	973.5	975.8	978.1	975.8	973.5	973.0	964.9	954.0	948.6	946.3
170°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	964.9	954.0	948.6	948.5
172.5°	967.9	967.4	965.4	963.4	965.4	967.4	967.9	961.5	953.0	948.6	948.6
175°	960.8	960.8	960.8	960.8	960.8	960.8	960.8	956.7	951.3	948.6	949.9
177.5°	959.6	959.0	956.7	954.4	956.7	959.0	959.6	956.3	952.1	949.9	951.0
180°	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4	954.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1627.7	1627.7	1627.7	1627.7	1627.7
2.5°	1607.7	1615.4	1620.0	1626.2	1641.6
5°	1546.1	1575.3	1584.6	1607.7	1635.4
7.5°	1410.6	1499.9	1524.5	1580.0	1623.1
10°	1279.7	1369.0	1412.1	1543.0	1607.7
12.5°	1213.4	1265.8	1295.1	1478.3	1586.1
15°	1171.9	1208.8	1230.4	1392.1	1561.5
17.5°	1139.5	1165.7	1181.1	1307.4	1527.6
20°	1119.5	1131.8	1145.7	1245.8	1489.1
22.5°	1105.6	1097.9	1108.7	1202.7	1436.7
25°	1096.4	1067.1	1079.5	1168.8	1375.1
27.5°	1104.1	1039.4	1044.0	1138.0	1310.5
30°	1105.6	1005.5	1007.1	1105.6	1238.1
32.5°	1094.9	970.1	971.7	1065.6	1156.5
35°	1068.7	928.5	927.0	1019.4	1045.6
37.5°	1033.3	884.0	884.0	968.6	923.9
40°	990.1	839.3	843.9	902.4	816.2
42.5°	937.8	791.6	797.7	814.7	736.1
45°	880.9	745.4	750.0	688.4	674.5
47.5°	817.7	697.6	699.2	571.3	654.5
50°	742.3	648.3	642.2	489.7	653.0
52.5°	676.1	594.4	576.0	443.5	592.9
55°	611.4	537.5	497.4	408.1	549.8
57.5°	554.4	463.5	425.0	366.5	540.5
60°	502.0	391.2	361.9	321.9	495.9
62.5°	458.9	337.3	331.1	291.1	449.7
65°	412.7	300.3	298.8	264.9	381.9
67.5°	368.1	275.7	274.1	240.2	291.1
70°	320.3	249.5	246.4	214.1	215.6
72.5°	271.0	220.2	217.1	192.5	178.6
75°	221.8	186.3	184.8	167.9	144.8
77.5°	174.0	147.8	150.9	135.5	106.3
80°	124.7	107.8	110.9	97.0	80.1
82.5°	83.2	70.8	73.9	61.6	53.9
85°	46.2	40.0	41.6	32.3	24.6
87.5°	21.6	18.5	18.5	12.3	7.7
90°	28.2	17.9	16.6	11.6	6.4
92.5°	173.8	123.7	112.8	69.2	25.6
95°	427.7	240.9	220.9	141.2	61.5
97.5°	576.1	264.6	247.0	176.6	106.3
100°	630.1	284.4	268.5	204.7	140.9
102.5°	654.8	304.2	289.4	229.8	170.4
105°	673.2	333.7	321.1	270.7	220.4
107.5°	676.7	377.3	365.5	318.5	271.6
110°	671.5	401.6	391.0	348.6	306.2



TEST NUMBER: P935124

CATALOG NUMBER: SQ4-FA-100U-075D-927-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	671.7	431.1	421.0	380.5	340.1
115°	677.9	475.3	466.0	428.7	391.4
117.5°	690.5	518.2	509.7	475.9	442.0
120°	700.8	543.2	535.2	503.3	471.5
122.5°	715.5	572.6	564.6	532.5	500.3
125°	735.4	610.5	603.1	573.8	544.5
127.5°	755.2	647.0	639.6	609.9	580.3
130°	769.7	671.3	663.3	631.4	599.5
132.5°	781.5	691.2	683.1	651.3	619.4
135°	794.3	714.3	707.0	677.9	648.9
137.5°	813.5	743.7	736.5	707.7	679.0
140°	825.2	763.5	756.9	730.4	703.9
142.5°	835.1	778.2	772.2	747.7	723.2
145°	847.9	800.7	795.4	774.0	752.7
147.5°	866.7	828.9	823.7	802.9	782.1
150°	876.5	843.6	838.9	820.1	801.3
152.5°	882.9	853.2	849.7	835.4	821.2
155°	897.0	874.3	871.7	861.2	850.6
157.5°	911.1	895.5	893.0	882.7	872.4
160°	917.5	905.1	903.1	895.2	887.2
162.5°	924.3	915.4	913.9	907.9	901.9
165°	934.2	930.1	928.7	923.3	917.9
167.5°	941.8	938.4	937.8	935.2	932.6
170°	948.3	948.0	947.4	944.8	942.2
172.5°	948.6	948.6	948.5	947.9	947.4
175°	952.5	954.4	954.4	954.4	954.4
177.5°	953.0	954.4	954.4	954.4	954.4
180°	954.4	954.4	954.4	954.4	954.4



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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	10.89	11.68	11.93	12.72	14.12	13.73	14.51	14.76	15.55	16.95
	3H	11.36	12.06	12.41	13.11	14.53	15.07	15.77	16.12	16.82	18.24
	4H	11.55	12.22	12.61	13.27	14.69	15.51	16.18	16.57	17.23	18.66
	6H	11.67	12.28	12.73	13.33	14.77	15.80	16.41	16.86	17.46	18.90
	8H	11.66	12.25	12.74	13.32	14.75	15.87	16.45	16.94	17.52	18.96
	12H	11.63	12.19	12.71	13.25	14.71	15.91	16.46	16.98	17.53	18.98
4H	2H	11.92	12.58	12.98	13.63	15.06	14.13	14.79	15.19	15.85	17.27
	3H	12.94	13.49	14.01	14.57	16.01	15.63	16.18	16.70	17.26	18.70
	4H	13.21	13.72	14.29	14.79	16.25	16.16	16.66	17.23	17.73	19.20
	6H	13.33	13.77	14.42	14.86	16.31	16.52	16.96	17.60	18.05	19.50
	8H	13.33	13.74	14.42	14.83	16.30	16.63	17.03	17.71	18.12	19.59
	12H	13.30	13.67	14.40	14.76	16.24	16.68	17.05	17.78	18.15	19.62
8H	4H	13.66	14.06	14.74	15.15	16.62	16.27	16.68	17.36	17.77	19.24
	6H	13.92	14.25	15.02	15.38	16.85	16.71	17.05	17.82	18.17	19.64
	8H	13.96	14.25	15.07	15.36	16.85	16.86	17.16	17.98	18.27	19.75
	12H	13.94	14.20	15.06	15.30	16.83	16.96	17.22	18.08	18.32	19.85
12H	4H	13.66	14.03	14.76	15.13	16.60	16.24	16.60	17.34	17.70	19.18
	6H	13.98	14.27	15.09	15.38	16.87	16.71	17.00	17.82	18.11	19.60
	8H	14.04	14.30	15.16	15.40	16.93	16.87	17.12	17.98	18.23	19.76