

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: P935519

Luminaire Tested: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935519
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

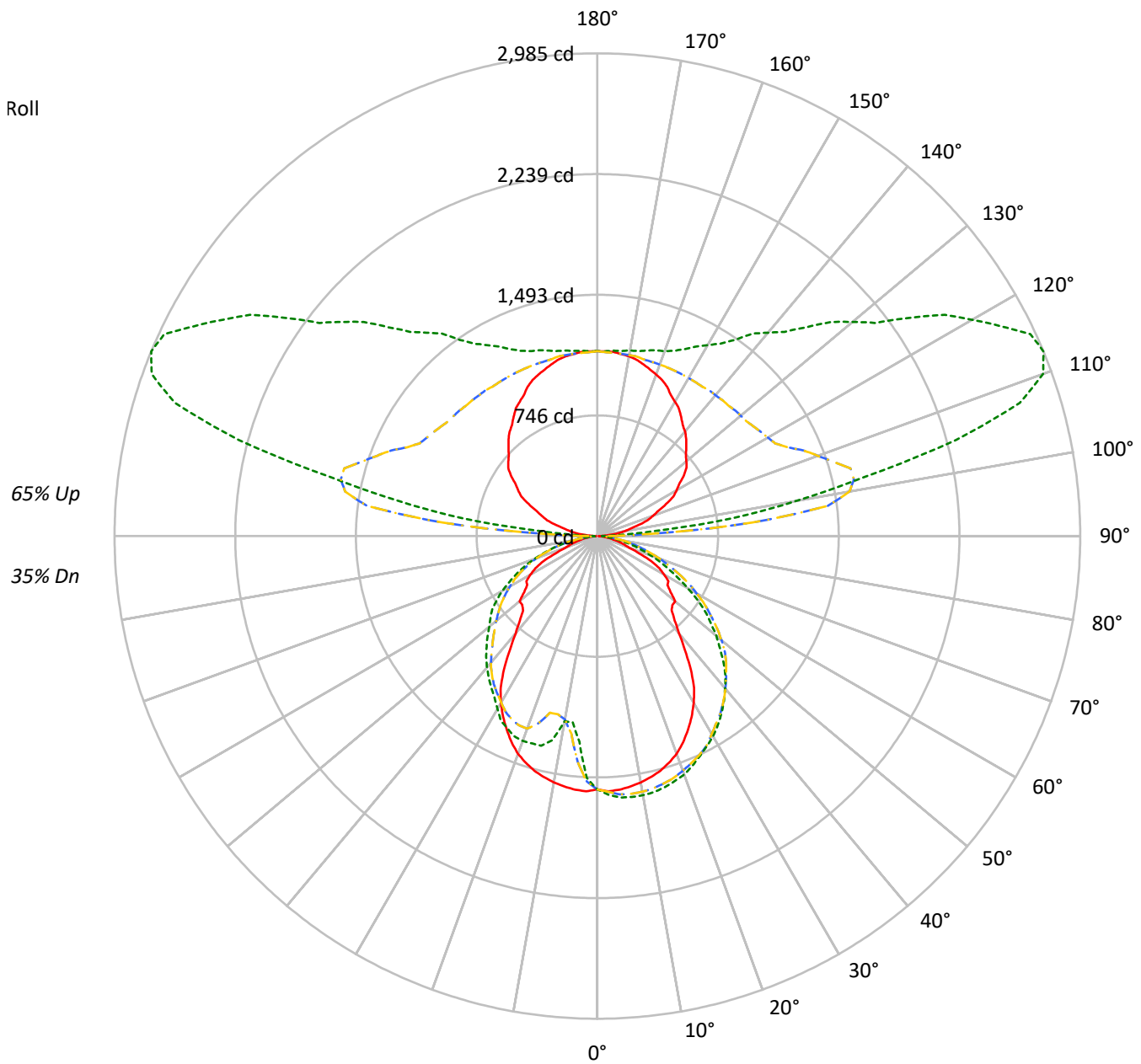
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11477.5 lumens
Efficiency: N/A
Efficacy: 137.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 83.4
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				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°	9691	9691	9691	9691
5°	9759	9782	9759	7692
10°	9690	9636	9690	6889
15°	9581	9427	9581	7872
20°	9377	9180	9377	7888
25°	8963	8819	8963	7721
30°	8430	8519	8430	7354
35°	7512	8140	7512	6951
40°	6256	7695	6256	6646
45°	5586	7173	5586	6295
50°	5930	6550	5930	5944
55°	5574	5879	5574	5741
60°	5738	4994	5738	5258
65°	5194	4128	5194	4614
70°	3589	3290	3589	3867
75°	3135	2432	3135	2912
80°	2509	1608	2509	1750
85°	1413	852	1413	724

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8566 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.4	1.2
10°-20°	401.5	3.5
20°-30°	620.6	5.4
30°-40°	740.9	6.5
40°-50°	745.2	6.5
50°-60°	648.4	5.6
60°-70°	459.7	4.0
70°-80°	243.2	2.1
80°-90°	64.9	0.6
90°-100°	557.3	4.9
100°-110°	1465.2	12.8
110°-120°	1519.2	13.2
120°-130°	1218.6	10.6
130°-140°	956.2	8.3
140°-150°	733.9	6.4
150°-160°	528.5	4.6
160°-170°	323.4	2.8
170°-180°	109.3	1.0
0°-30°	1163.5	10.1
0°-40°	1904.4	16.6
0°-60°	3298.0	28.7
0°-90°	4065.9	35.4
90°-120°	3541.7	30.9
90°-150°	6450.4	56.2
90°-180°	7412.0	64.6
0°-180°	11477.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1566	1566	1566	1566	1566	
5°	1574	1623	1574	1276	1574	149
15°	1503	1608	1503	1343	1503	423
25°	1323	1500	1323	1313	1323	608
35°	1006	1338	1006	1143	1006	623
45°	649	1103	649	968	649	520
55°	529	814	529	794	529	486
65°	368	490	368	548	368	351
75°	139	233	139	279	139	146
85°	24	59	24	50	24	32
90°	8	29	8	29	8	7
95°	74	337	74	337	74	82
105°	264	2294	264	2294	264	280
115°	469	2954	469	2954	469	463
125°	652	2353	652	2353	652	579
135°	777	1825	777	1825	777	601
145°	902	1481	902	1481	902	565
155°	1019	1275	1019	1275	1019	468
165°	1100	1188	1100	1188	1100	310
175°	1143	1151	1143	1151	1143	109
180°	1143	1143	1143	1143	1143	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1579.8	1579.8	1588.7	1591.7	1591.7	1587.2	1582.8	1587.2	1600.6	1605.0	1603.5
5°	1573.9	1585.7	1602.0	1605.0	1608.0	1606.5	1603.5	1606.5	1621.3	1624.3	1625.8
7.5°	1562.0	1584.3	1605.0	1609.5	1613.9	1609.5	1608.0	1610.9	1625.8	1628.7	1628.7
10°	1547.2	1578.3	1602.0	1605.0	1609.5	1605.0	1605.0	1610.9	1625.8	1628.7	1630.2
12.5°	1526.5	1569.4	1591.7	1594.6	1600.6	1599.1	1597.6	1603.5	1618.3	1621.3	1621.3
15°	1502.7	1553.1	1573.9	1576.8	1587.2	1584.3	1584.3	1590.2	1606.5	1610.9	1609.5
17.5°	1470.1	1532.4	1556.1	1560.5	1568.0	1566.5	1568.0	1573.9	1588.7	1591.7	1593.2
20°	1433.1	1504.2	1532.4	1536.8	1544.2	1544.2	1544.2	1551.7	1566.5	1572.4	1572.4
22.5°	1382.7	1474.6	1504.2	1507.2	1516.1	1516.1	1519.0	1529.4	1542.8	1544.2	1544.2
25°	1323.4	1442.0	1467.2	1476.1	1485.0	1489.4	1493.9	1499.8	1504.2	1502.7	1504.2
27.5°	1261.2	1400.5	1433.1	1439.0	1450.9	1455.3	1461.3	1462.7	1464.2	1468.7	1465.7
30°	1191.5	1342.7	1391.6	1397.5	1416.8	1419.8	1413.8	1416.8	1424.2	1427.2	1430.1
32.5°	1113.0	1256.7	1348.6	1362.0	1379.7	1370.8	1369.4	1373.8	1385.7	1385.7	1388.6
35°	1006.3	1190.0	1308.6	1320.5	1333.8	1323.4	1329.4	1330.8	1338.2	1342.7	1341.2
37.5°	889.2	1132.2	1267.1	1276.0	1286.4	1273.0	1281.9	1286.4	1292.3	1289.3	1289.3
40°	785.5	1041.8	1218.2	1224.1	1233.0	1222.6	1231.5	1234.5	1237.5	1234.5	1233.0
42.5°	708.4	942.6	1166.3	1173.7	1167.8	1175.2	1178.2	1184.1	1179.7	1173.7	1173.7
45°	649.1	915.9	1110.0	1118.9	1110.0	1121.9	1126.3	1126.3	1113.0	1110.0	1108.5
47.5°	629.8	862.5	1053.7	1053.7	1049.3	1064.1	1071.5	1061.1	1047.8	1043.3	1043.3
50°	628.4	803.2	976.6	970.7	991.5	1009.2	1001.8	991.5	981.1	964.8	964.8
52.5°	570.6	730.6	877.3	899.6	932.2	942.6	930.7	920.3	902.5	895.1	889.2
55°	529.1	655.0	786.9	831.4	865.5	878.8	856.6	846.2	819.5	815.1	812.1
57.5°	520.2	545.4	704.0	760.3	801.8	800.3	786.9	767.7	745.4	741.0	739.5
60°	477.2	394.2	615.0	681.7	724.7	720.3	708.4	690.6	669.9	666.9	663.9
62.5°	432.7	286.0	514.3	589.8	650.6	649.1	638.7	612.1	597.2	589.8	583.9
65°	367.5	240.1	366.1	490.5	578.0	580.9	558.7	539.4	523.1	514.3	512.8
67.5°	280.1	195.6	247.5	409.0	508.3	505.4	477.2	468.3	447.6	443.1	434.2
70°	207.5	130.4	171.9	332.0	440.2	432.7	410.5	400.1	380.9	370.5	364.6
72.5°	171.9	105.2	126.0	257.9	370.5	361.6	342.3	330.5	314.2	305.3	299.4
75°	139.3	111.2	96.3	191.2	300.8	294.9	277.1	265.3	251.9	240.1	241.6
77.5°	102.3	103.7	77.1	140.8	238.6	229.7	219.3	204.5	198.6	186.7	186.7
80°	77.1	81.5	57.8	96.3	171.9	171.9	163.0	152.6	142.3	136.3	136.3
82.5°	51.9	51.9	43.0	60.8	117.1	112.6	106.7	103.7	97.8	94.8	94.8
85°	23.7	29.6	26.7	37.0	63.7	66.7	66.7	63.7	62.2	59.3	60.8
87.5°	7.4	13.3	16.3	20.7	32.6	34.1	35.6	35.6	35.6	37.0	37.0
90°	7.7	13.8	20.0	21.4	33.7	50.1	58.3	51.8	38.8	29.1	29.1
92.5°	30.7	82.9	135.1	148.1	208.2	288.3	328.4	287.8	206.7	145.8	140.0
95°	73.7	169.1	264.6	288.5	512.3	810.8	959.9	856.6	649.9	494.9	477.3
97.5°	127.4	211.5	295.8	316.9	690.0	1187.7	1436.5	1371.1	1240.5	1142.5	1109.1
100°	168.8	245.2	321.6	340.7	754.7	1306.9	1583.0	1587.7	1597.3	1604.4	1564.6
102.5°	204.1	275.4	346.7	364.5	784.5	1344.4	1624.4	1707.6	1874.0	1998.8	1964.7
105°	264.0	324.4	384.6	399.7	806.4	1348.7	1619.8	1806.4	2179.4	2459.2	2440.9
107.5°	325.3	381.6	437.9	451.9	810.6	1288.6	1527.7	1788.0	2308.4	2698.6	2703.1
110°	366.7	417.5	468.3	481.1	804.3	1235.4	1451.0	1741.8	2323.7	2760.1	2779.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	407.5	455.9	504.3	516.4	804.6	1189.0	1381.1	1678.8	2274.3	2720.9	2750.2
115°	468.8	513.5	558.2	569.4	812.1	1135.7	1297.5	1584.4	2158.0	2588.2	2628.9
117.5°	529.5	570.1	610.6	620.8	827.2	1102.3	1239.9	1498.8	2016.5	2404.8	2449.8
120°	564.7	603.0	641.1	650.7	839.4	1091.0	1216.9	1453.4	1926.4	2281.2	2325.1
122.5°	599.3	637.9	676.4	686.0	857.1	1085.2	1199.3	1412.3	1838.3	2157.7	2200.9
125°	652.2	687.4	722.4	731.2	880.9	1080.4	1180.2	1361.1	1722.9	1994.3	2034.1
127.5°	695.2	730.6	766.1	775.0	904.7	1077.6	1164.1	1319.4	1630.1	1863.1	1896.7
130°	718.2	756.4	794.5	804.1	922.0	1079.2	1157.8	1296.2	1572.7	1780.2	1811.2
132.5°	742.0	780.2	818.4	827.9	936.1	1080.4	1152.5	1276.3	1523.9	1709.5	1737.3
135°	777.3	812.0	846.8	855.5	951.4	1079.4	1143.3	1247.0	1454.3	1609.8	1633.8
137.5°	813.3	847.8	882.3	890.9	974.5	1086.0	1141.7	1229.4	1404.6	1536.1	1555.7
140°	843.3	875.0	906.7	914.6	988.5	1087.1	1136.4	1212.1	1363.5	1477.1	1495.4
142.5°	866.3	895.6	925.0	932.3	1000.4	1091.0	1136.4	1202.9	1335.9	1435.7	1451.5
145°	901.6	927.1	952.7	959.2	1015.7	1091.0	1128.7	1183.1	1291.9	1373.5	1385.5
147.5°	936.9	961.8	986.7	992.9	1038.2	1098.6	1128.7	1171.5	1257.1	1321.4	1331.2
150°	959.9	982.5	1004.9	1010.5	1049.9	1102.4	1128.7	1164.9	1237.2	1291.4	1299.4
152.5°	983.7	1000.7	1017.8	1022.1	1057.7	1105.0	1128.7	1159.5	1221.3	1267.6	1273.6
155°	1019.0	1031.7	1044.2	1047.4	1074.4	1110.6	1128.7	1153.3	1202.4	1239.2	1243.3
157.5°	1045.1	1057.4	1069.6	1072.7	1091.3	1116.2	1128.7	1147.8	1186.0	1214.6	1217.4
160°	1062.7	1072.3	1081.9	1084.2	1099.1	1118.8	1128.7	1145.1	1177.8	1202.4	1204.0
162.5°	1080.4	1087.5	1094.7	1096.5	1107.3	1121.6	1128.7	1142.5	1170.1	1190.8	1192.4
165°	1099.5	1106.1	1112.6	1114.2	1119.0	1125.4	1128.7	1138.6	1158.4	1173.2	1174.8
167.5°	1117.2	1120.3	1123.4	1124.1	1128.2	1133.6	1136.4	1142.9	1155.9	1165.5	1166.2
170°	1128.7	1131.8	1134.8	1135.6	1135.9	1136.2	1136.4	1142.9	1155.9	1165.5	1165.5
172.5°	1134.8	1135.5	1136.2	1136.4	1136.4	1136.4	1136.4	1141.5	1151.7	1159.4	1158.8
175°	1143.3	1143.3	1143.3	1143.3	1141.0	1138.0	1136.4	1139.7	1146.2	1151.0	1151.0
177.5°	1143.3	1143.3	1143.3	1143.3	1141.5	1139.1	1137.9	1140.4	1145.6	1149.4	1148.7
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1606.5	1602.0	1606.5	1603.5	1605.0	1600.6	1587.2	1582.8	1587.2	1591.7	1591.7
5°	1625.8	1622.8	1625.8	1625.8	1624.3	1621.3	1606.5	1603.5	1606.5	1608.0	1605.0
7.5°	1631.7	1627.2	1631.7	1628.7	1628.7	1625.8	1610.9	1608.0	1609.5	1613.9	1609.5
10°	1631.7	1627.2	1631.7	1630.2	1628.7	1625.8	1610.9	1605.0	1605.0	1609.5	1605.0
12.5°	1624.3	1621.3	1624.3	1621.3	1621.3	1618.3	1603.5	1597.6	1599.1	1600.6	1594.6
15°	1612.4	1608.0	1612.4	1609.5	1610.9	1606.5	1590.2	1584.3	1584.3	1587.2	1576.8
17.5°	1594.6	1588.7	1594.6	1593.2	1591.7	1588.7	1573.9	1568.0	1566.5	1568.0	1560.5
20°	1573.9	1569.4	1573.9	1572.4	1572.4	1566.5	1551.7	1544.2	1544.2	1544.2	1536.8
22.5°	1541.3	1536.8	1541.3	1544.2	1544.2	1542.8	1529.4	1519.0	1516.1	1516.1	1507.2
25°	1504.2	1499.8	1504.2	1504.2	1502.7	1504.2	1499.8	1493.9	1489.4	1485.0	1476.1
27.5°	1468.7	1465.7	1468.7	1465.7	1468.7	1464.2	1462.7	1461.3	1455.3	1450.9	1439.0
30°	1433.1	1430.1	1433.1	1430.1	1427.2	1424.2	1416.8	1413.8	1419.8	1416.8	1397.5
32.5°	1388.6	1385.7	1388.6	1388.6	1385.7	1385.7	1373.8	1369.4	1370.8	1379.7	1362.0
35°	1342.7	1338.2	1342.7	1341.2	1342.7	1338.2	1330.8	1329.4	1323.4	1333.8	1320.5
37.5°	1289.3	1284.9	1289.3	1289.3	1289.3	1292.3	1286.4	1281.9	1273.0	1286.4	1276.0
40°	1234.5	1228.6	1234.5	1233.0	1234.5	1237.5	1234.5	1231.5	1222.6	1233.0	1224.1
42.5°	1172.3	1170.8	1172.3	1173.7	1173.7	1179.7	1184.1	1178.2	1175.2	1167.8	1173.7
45°	1105.6	1102.6	1105.6	1108.5	1110.0	1113.0	1126.3	1126.3	1121.9	1110.0	1118.9
47.5°	1034.4	1027.0	1034.4	1043.3	1043.3	1047.8	1061.1	1071.5	1064.1	1049.3	1053.7
50°	958.9	960.3	958.9	964.8	964.8	981.1	991.5	1001.8	1009.2	991.5	970.7
52.5°	884.8	883.3	884.8	889.2	895.1	902.5	920.3	930.7	942.6	932.2	899.6
55°	810.7	813.6	810.7	812.1	815.1	819.5	846.2	856.6	878.8	865.5	831.4
57.5°	736.6	732.1	736.6	739.5	741.0	745.4	767.7	786.9	800.3	801.8	760.3
60°	650.6	644.7	650.6	663.9	666.9	669.9	690.6	708.4	720.3	724.7	681.7
62.5°	575.0	564.6	575.0	583.9	589.8	597.2	612.1	638.7	649.1	650.6	589.8
65°	495.0	490.5	495.0	512.8	514.3	523.1	539.4	558.7	580.9	578.0	490.5
67.5°	422.4	422.4	422.4	434.2	443.1	447.6	468.3	477.2	505.4	508.3	409.0
70°	355.7	354.2	355.7	364.6	370.5	380.9	400.1	410.5	432.7	440.2	332.0
72.5°	292.0	290.5	292.0	299.4	305.3	314.2	330.5	342.3	361.6	370.5	257.9
75°	235.6	232.7	235.6	241.6	240.1	251.9	265.3	277.1	294.9	300.8	191.2
77.5°	180.8	180.8	180.8	186.7	186.7	198.6	204.5	219.3	229.7	238.6	140.8
80°	134.9	133.4	134.9	136.3	136.3	142.3	152.6	163.0	171.9	171.9	96.3
82.5°	94.8	91.9	94.8	94.8	94.8	97.8	103.7	106.7	112.6	117.1	60.8
85°	59.3	59.3	59.3	60.8	59.3	62.2	63.7	66.7	66.7	63.7	37.0
87.5°	38.5	37.0	38.5	37.0	37.0	35.6	35.6	35.6	34.1	32.6	20.7
90°	29.1	29.1	29.1	29.1	29.1	38.8	51.8	58.3	50.1	33.7	21.4
92.5°	116.8	93.6	116.8	140.0	145.8	206.7	287.8	328.4	288.3	208.2	148.1
95°	407.1	336.8	407.1	477.3	494.9	649.9	856.6	959.9	810.8	512.3	288.5
97.5°	975.5	841.8	975.5	1109.1	1142.5	1240.5	1371.1	1436.5	1187.7	690.0	316.9
100°	1405.4	1246.2	1405.4	1564.6	1604.4	1597.3	1587.7	1583.0	1306.9	754.7	340.7
102.5°	1828.3	1692.0	1828.3	1964.7	1998.8	1874.0	1707.6	1624.4	1344.4	784.5	364.5
105°	2367.5	2294.2	2367.5	2440.9	2459.2	2179.4	1806.4	1619.8	1348.7	806.4	399.7
107.5°	2720.8	2738.5	2720.8	2703.1	2698.6	2308.4	1788.0	1527.7	1288.6	810.6	451.9
110°	2855.5	2931.9	2855.5	2779.1	2760.1	2323.7	1741.8	1451.0	1235.4	804.3	481.1



TEST NUMBER: P935519

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2867.5	2984.8	2867.5	2750.2	2720.9	2274.3	1678.8	1381.1	1189.0	804.6	516.4
115°	2791.5	2954.1	2791.5	2628.9	2588.2	2158.0	1584.4	1297.5	1135.7	812.1	569.4
117.5°	2630.3	2810.7	2630.3	2449.8	2404.8	2016.5	1498.8	1239.9	1102.3	827.2	620.8
120°	2500.3	2675.6	2500.3	2325.1	2281.2	1926.4	1453.4	1216.9	1091.0	839.4	650.7
122.5°	2373.8	2546.7	2373.8	2200.9	2157.7	1838.3	1412.3	1199.3	1085.2	857.1	686.0
125°	2193.4	2352.6	2193.4	2034.1	1994.3	1722.9	1361.1	1180.2	1080.4	880.9	731.2
127.5°	2031.0	2165.4	2031.0	1896.7	1863.1	1630.1	1319.4	1164.1	1077.6	904.7	775.0
130°	1935.4	2059.5	1935.4	1811.2	1780.2	1572.7	1296.2	1157.8	1079.2	922.0	804.1
132.5°	1848.5	1959.7	1848.5	1737.3	1709.5	1523.9	1276.3	1152.5	1080.4	936.1	827.9
135°	1729.6	1825.4	1729.6	1633.8	1609.8	1454.3	1247.0	1143.3	1079.4	951.4	855.5
137.5°	1634.2	1712.6	1634.2	1555.7	1536.1	1404.6	1229.4	1141.7	1086.0	974.5	890.9
140°	1568.7	1642.1	1568.7	1495.4	1477.1	1363.5	1212.1	1136.4	1087.1	988.5	914.6
142.5°	1514.5	1577.6	1514.5	1451.5	1435.7	1335.9	1202.9	1136.4	1091.0	1000.4	932.3
145°	1433.2	1480.9	1433.2	1385.5	1373.5	1291.9	1183.1	1128.7	1091.0	1015.7	959.2
147.5°	1370.8	1410.4	1370.8	1331.2	1321.4	1257.1	1171.5	1128.7	1098.6	1038.2	992.9
150°	1331.5	1363.5	1331.5	1299.4	1291.4	1237.2	1164.9	1128.7	1102.4	1049.9	1010.5
152.5°	1297.8	1322.0	1297.8	1273.6	1267.6	1221.3	1159.5	1128.7	1105.0	1057.7	1022.1
155°	1259.3	1275.3	1259.3	1243.3	1239.2	1202.4	1153.3	1128.7	1110.6	1074.4	1047.4
157.5°	1228.7	1239.9	1228.7	1217.4	1214.6	1186.0	1147.8	1128.7	1116.2	1091.3	1072.7
160°	1210.5	1216.9	1210.5	1204.0	1202.4	1177.8	1145.1	1128.7	1118.8	1099.1	1084.2
162.5°	1198.5	1204.7	1198.5	1192.4	1190.8	1170.1	1142.5	1128.7	1121.6	1107.3	1096.5
165°	1181.4	1187.8	1181.4	1174.8	1173.2	1158.4	1138.6	1128.7	1125.4	1119.0	1114.2
167.5°	1168.9	1171.7	1168.9	1166.2	1165.5	1155.9	1142.9	1136.4	1133.6	1128.2	1124.1
170°	1165.5	1165.5	1165.5	1165.5	1165.5	1155.9	1142.9	1136.4	1136.2	1135.9	1135.6
172.5°	1156.5	1154.1	1156.5	1158.8	1159.4	1151.7	1141.5	1136.4	1136.4	1136.4	1136.4
175°	1151.0	1151.0	1151.0	1151.0	1151.0	1146.2	1139.7	1136.4	1138.0	1141.0	1143.3
177.5°	1146.1	1143.3	1146.1	1148.7	1149.4	1145.6	1140.4	1137.9	1139.1	1141.5	1143.3
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



TEST NUMBER: P935519

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1588.7	1579.8	1579.8	1565.0	1559.1	1554.6	1547.2	1525.0	1519.0	1513.1	1522.0
5°	1602.0	1585.7	1573.9	1547.2	1525.0	1516.1	1487.9	1434.6	1399.0	1372.3	1357.5
7.5°	1605.0	1584.3	1562.0	1520.5	1467.2	1443.5	1357.5	1259.7	1233.0	1209.3	1194.5
10°	1602.0	1578.3	1547.2	1485.0	1359.0	1317.5	1231.5	1167.8	1151.5	1147.1	1151.5
12.5°	1591.7	1569.4	1526.5	1422.7	1246.4	1218.2	1167.8	1130.8	1127.8	1135.2	1175.2
15°	1573.9	1553.1	1502.7	1339.7	1184.1	1163.4	1127.8	1114.5	1130.8	1182.6	1302.7
17.5°	1556.1	1532.4	1470.1	1258.2	1136.7	1121.9	1096.7	1123.4	1215.2	1284.9	1324.9
20°	1532.4	1504.2	1433.1	1198.9	1102.6	1089.3	1077.4	1197.5	1267.1	1292.3	1314.5
22.5°	1504.2	1474.6	1382.7	1157.4	1067.0	1056.7	1064.1	1239.0	1267.1	1284.9	1304.2
25°	1467.2	1442.0	1323.4	1124.8	1038.9	1027.0	1055.2	1234.5	1250.8	1255.3	1293.8
27.5°	1433.1	1400.5	1261.2	1095.2	1004.8	1000.4	1062.6	1215.2	1227.1	1231.5	1273.0
30°	1391.6	1342.7	1191.5	1064.1	969.2	967.7	1064.1	1191.5	1188.6	1200.4	1241.9
32.5°	1348.6	1256.7	1113.0	1025.5	935.1	933.7	1053.7	1156.0	1153.0	1169.3	1200.4
35°	1308.6	1190.0	1006.3	981.1	892.2	893.6	1028.5	1114.5	1115.9	1130.8	1150.0
37.5°	1267.1	1132.2	889.2	932.2	850.7	850.7	994.4	1075.9	1073.0	1077.4	1104.1
40°	1218.2	1041.8	785.5	868.5	812.1	807.7	952.9	1034.4	1024.1	1022.6	1059.6
42.5°	1166.3	942.6	708.4	784.0	767.7	761.7	902.5	984.0	964.8	969.2	1016.7
45°	1110.0	915.9	649.1	662.5	721.7	717.3	847.7	926.2	912.9	924.8	973.7
47.5°	1053.7	862.5	629.8	549.8	672.8	671.3	786.9	869.9	862.5	874.4	926.2
50°	976.6	803.2	628.4	471.3	618.0	623.9	714.3	815.1	815.1	825.5	880.3
52.5°	877.3	730.6	570.6	426.8	554.3	572.1	650.6	767.7	770.6	781.0	829.9
55°	786.9	655.0	529.1	392.7	478.7	517.2	588.4	718.8	724.7	735.1	779.5
57.5°	704.0	545.4	520.2	352.7	409.0	446.1	533.5	671.3	674.3	683.2	726.2
60°	615.0	394.2	477.2	309.7	348.3	376.4	483.1	615.0	625.4	631.3	668.4
62.5°	514.3	286.0	432.7	280.1	318.6	324.6	441.6	561.7	575.0	579.5	601.7
65°	366.1	240.1	367.5	254.9	287.5	289.0	397.2	506.8	518.7	526.1	542.4
67.5°	247.5	195.6	280.1	231.2	263.8	265.3	354.2	443.1	459.4	465.3	475.7
70°	171.9	130.4	207.5	206.0	237.1	240.1	308.3	385.3	400.1	404.6	410.5
72.5°	126.0	105.2	171.9	185.2	209.0	211.9	260.8	320.1	334.9	339.4	342.3
75°	96.3	111.2	139.3	161.5	177.8	179.3	213.4	260.8	271.2	274.2	275.7
77.5°	77.1	103.7	102.3	130.4	145.2	142.3	167.5	201.6	210.4	210.4	210.4
80°	57.8	81.5	77.1	93.4	106.7	103.7	120.0	143.8	146.7	149.7	148.2
82.5°	43.0	51.9	51.9	59.3	71.1	68.2	80.0	93.4	93.4	93.4	96.3
85°	26.7	29.6	23.7	31.1	40.0	38.5	44.5	50.4	51.9	51.9	48.9
87.5°	16.3	13.3	7.4	11.9	17.8	17.8	20.7	22.2	20.7	20.7	20.7
90°	20.0	13.8	7.7	13.8	20.0	21.4	33.7	50.1	58.3	51.8	38.8
92.5°	135.1	82.9	30.7	82.9	135.1	148.1	208.2	288.3	328.4	287.8	206.7
95°	264.6	169.1	73.7	169.1	264.6	288.5	512.3	810.8	959.9	856.6	649.9
97.5°	295.8	211.5	127.4	211.5	295.8	316.9	690.0	1187.7	1436.5	1371.1	1240.5
100°	321.6	245.2	168.8	245.2	321.6	340.7	754.7	1306.9	1583.0	1587.7	1597.3
102.5°	346.7	275.4	204.1	275.4	346.7	364.5	784.5	1344.4	1624.4	1707.6	1874.0
105°	384.6	324.4	264.0	324.4	384.6	399.7	806.4	1348.7	1619.8	1806.4	2179.4
107.5°	437.9	381.6	325.3	381.6	437.9	451.9	810.6	1288.6	1527.7	1788.0	2308.4
110°	468.3	417.5	366.7	417.5	468.3	481.1	804.3	1235.4	1451.0	1741.8	2323.7



TEST NUMBER: P935519

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	504.3	455.9	407.5	455.9	504.3	516.4	804.6	1189.0	1381.1	1678.8	2274.3
115°	558.2	513.5	468.8	513.5	558.2	569.4	812.1	1135.7	1297.5	1584.4	2158.0
117.5°	610.6	570.1	529.5	570.1	610.6	620.8	827.2	1102.3	1239.9	1498.8	2016.5
120°	641.1	603.0	564.7	603.0	641.1	650.7	839.4	1091.0	1216.9	1453.4	1926.4
122.5°	676.4	637.9	599.3	637.9	676.4	686.0	857.1	1085.2	1199.3	1412.3	1838.3
125°	722.4	687.4	652.2	687.4	722.4	731.2	880.9	1080.4	1180.2	1361.1	1722.9
127.5°	766.1	730.6	695.2	730.6	766.1	775.0	904.7	1077.6	1164.1	1319.4	1630.1
130°	794.5	756.4	718.2	756.4	794.5	804.1	922.0	1079.2	1157.8	1296.2	1572.7
132.5°	818.4	780.2	742.0	780.2	818.4	827.9	936.1	1080.4	1152.5	1276.3	1523.9
135°	846.8	812.0	777.3	812.0	846.8	855.5	951.4	1079.4	1143.3	1247.0	1454.3
137.5°	882.3	847.8	813.3	847.8	882.3	890.9	974.5	1086.0	1141.7	1229.4	1404.6
140°	906.7	875.0	843.3	875.0	906.7	914.6	988.5	1087.1	1136.4	1212.1	1363.5
142.5°	925.0	895.6	866.3	895.6	925.0	932.3	1000.4	1091.0	1136.4	1202.9	1335.9
145°	952.7	927.1	901.6	927.1	952.7	959.2	1015.7	1091.0	1128.7	1183.1	1291.9
147.5°	986.7	961.8	936.9	961.8	986.7	992.9	1038.2	1098.6	1128.7	1171.5	1257.1
150°	1004.9	982.5	959.9	982.5	1004.9	1010.5	1049.9	1102.4	1128.7	1164.9	1237.2
152.5°	1017.8	1000.7	983.7	1000.7	1017.8	1022.1	1057.7	1105.0	1128.7	1159.5	1221.3
155°	1044.2	1031.7	1019.0	1031.7	1044.2	1047.4	1074.4	1110.6	1128.7	1153.3	1202.4
157.5°	1069.6	1057.4	1045.1	1057.4	1069.6	1072.7	1091.3	1116.2	1128.7	1147.8	1186.0
160°	1081.9	1072.3	1062.7	1072.3	1081.9	1084.2	1099.1	1118.8	1128.7	1145.1	1177.8
162.5°	1094.7	1087.5	1080.4	1087.5	1094.7	1096.5	1107.3	1121.6	1128.7	1142.5	1170.1
165°	1112.6	1106.1	1099.5	1106.1	1112.6	1114.2	1119.0	1125.4	1128.7	1138.6	1158.4
167.5°	1123.4	1120.3	1117.2	1120.3	1123.4	1124.1	1128.2	1133.6	1136.4	1142.9	1155.9
170°	1134.8	1131.8	1128.7	1131.8	1134.8	1135.6	1135.9	1136.2	1136.4	1142.9	1155.9
172.5°	1136.2	1135.5	1134.8	1135.5	1136.2	1136.4	1136.4	1136.4	1136.4	1141.5	1151.7
175°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1141.0	1138.0	1136.4	1139.7	1146.2
177.5°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1141.5	1139.1	1137.9	1140.4	1145.6
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



TEST NUMBER: P935519

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1511.6	1507.2	1513.1	1496.8	1513.1	1507.2	1511.6	1522.0	1513.1	1519.0	1525.0
5°	1326.4	1319.0	1295.3	1276.0	1295.3	1319.0	1326.4	1357.5	1372.3	1399.0	1434.6
7.5°	1185.6	1179.7	1173.7	1161.9	1173.7	1179.7	1185.6	1194.5	1209.3	1233.0	1259.7
10°	1154.5	1156.0	1164.9	1163.4	1164.9	1156.0	1154.5	1151.5	1147.1	1151.5	1167.8
12.5°	1234.5	1247.8	1296.8	1293.8	1296.8	1247.8	1234.5	1175.2	1135.2	1127.8	1130.8
15°	1326.4	1330.8	1341.2	1342.7	1341.2	1330.8	1326.4	1302.7	1182.6	1130.8	1114.5
17.5°	1335.3	1336.8	1344.2	1344.2	1344.2	1336.8	1335.3	1324.9	1284.9	1215.2	1123.4
20°	1327.9	1330.8	1345.7	1348.6	1345.7	1330.8	1327.9	1314.5	1292.3	1267.1	1197.5
22.5°	1324.9	1330.8	1342.7	1341.2	1342.7	1330.8	1324.9	1304.2	1284.9	1267.1	1239.0
25°	1310.1	1310.1	1311.6	1313.1	1311.6	1310.1	1310.1	1293.8	1255.3	1250.8	1234.5
27.5°	1279.0	1281.9	1290.8	1289.3	1290.8	1281.9	1279.0	1273.0	1231.5	1227.1	1215.2
30°	1250.8	1247.8	1240.4	1234.5	1240.4	1247.8	1250.8	1241.9	1200.4	1188.6	1191.5
32.5°	1203.4	1196.0	1188.6	1184.1	1188.6	1196.0	1203.4	1200.4	1169.3	1153.0	1156.0
35°	1147.1	1148.6	1147.1	1142.6	1147.1	1148.6	1147.1	1150.0	1130.8	1115.9	1114.5
37.5°	1107.1	1110.0	1108.5	1102.6	1108.5	1110.0	1107.1	1104.1	1077.4	1073.0	1075.9
40°	1065.6	1067.0	1065.6	1061.1	1065.6	1067.0	1065.6	1059.6	1022.6	1024.1	1034.4
42.5°	1025.5	1024.1	1019.6	1016.7	1019.6	1024.1	1025.5	1016.7	969.2	964.8	984.0
45°	979.6	981.1	972.2	967.7	972.2	981.1	979.6	973.7	924.8	912.9	926.2
47.5°	933.7	933.7	926.2	921.8	926.2	933.7	933.7	926.2	874.4	862.5	869.9
50°	884.8	883.3	872.9	871.4	872.9	883.3	884.8	880.3	825.5	815.1	815.1
52.5°	828.4	828.4	829.9	832.9	829.9	828.4	828.4	829.9	781.0	770.6	767.7
55°	779.5	781.0	791.4	794.4	791.4	781.0	779.5	779.5	735.1	724.7	718.8
57.5°	729.1	729.1	736.6	736.6	736.6	729.1	729.1	726.2	683.2	674.3	671.3
60°	671.3	674.3	680.2	678.8	680.2	674.3	671.3	668.4	631.3	625.4	615.0
62.5°	610.6	613.5	615.0	612.1	615.0	613.5	610.6	601.7	579.5	575.0	561.7
65°	546.9	549.8	551.3	548.3	551.3	549.8	546.9	542.4	526.1	518.7	506.8
67.5°	481.6	480.2	478.7	484.6	478.7	480.2	481.6	475.7	465.3	459.4	443.1
70°	415.0	415.0	413.5	416.4	413.5	415.0	415.0	410.5	404.6	400.1	385.3
72.5°	343.8	342.3	348.3	343.8	348.3	342.3	343.8	342.3	339.4	334.9	320.1
75°	274.2	277.1	274.2	278.6	274.2	277.1	274.2	275.7	274.2	271.2	260.8
77.5°	209.0	211.9	209.0	209.0	209.0	211.9	209.0	210.4	210.4	210.4	201.6
80°	148.2	146.7	146.7	145.2	146.7	146.7	148.2	148.2	149.7	146.7	143.8
82.5°	94.8	93.4	93.4	96.3	93.4	93.4	94.8	96.3	93.4	93.4	93.4
85°	51.9	53.4	50.4	50.4	50.4	53.4	51.9	48.9	51.9	51.9	50.4
87.5°	19.3	17.8	17.8	17.8	17.8	17.8	19.3	20.7	20.7	20.7	22.2
90°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	38.8	51.8	58.3	50.1
92.5°	145.8	140.0	116.8	93.6	116.8	140.0	145.8	206.7	287.8	328.4	288.3
95°	494.9	477.3	407.1	336.8	407.1	477.3	494.9	649.9	856.6	959.9	810.8
97.5°	1142.5	1109.1	975.5	841.8	975.5	1109.1	1142.5	1240.5	1371.1	1436.5	1187.7
100°	1604.4	1564.6	1405.4	1246.2	1405.4	1564.6	1604.4	1597.3	1587.7	1583.0	1306.9
102.5°	1998.8	1964.7	1828.3	1692.0	1828.3	1964.7	1998.8	1874.0	1707.6	1624.4	1344.4
105°	2459.2	2440.9	2367.5	2294.2	2367.5	2440.9	2459.2	2179.4	1806.4	1619.8	1348.7
107.5°	2698.6	2703.1	2720.8	2738.5	2720.8	2703.1	2698.6	2308.4	1788.0	1527.7	1288.6
110°	2760.1	2779.1	2855.5	2931.9	2855.5	2779.1	2760.1	2323.7	1741.8	1451.0	1235.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2720.9	2750.2	2867.5	2984.8	2867.5	2750.2	2720.9	2274.3	1678.8	1381.1	1189.0
115°	2588.2	2628.9	2791.5	2954.1	2791.5	2628.9	2588.2	2158.0	1584.4	1297.5	1135.7
117.5°	2404.8	2449.8	2630.3	2810.7	2630.3	2449.8	2404.8	2016.5	1498.8	1239.9	1102.3
120°	2281.2	2325.1	2500.3	2675.6	2500.3	2325.1	2281.2	1926.4	1453.4	1216.9	1091.0
122.5°	2157.7	2200.9	2373.8	2546.7	2373.8	2200.9	2157.7	1838.3	1412.3	1199.3	1085.2
125°	1994.3	2034.1	2193.4	2352.6	2193.4	2034.1	1994.3	1722.9	1361.1	1180.2	1080.4
127.5°	1863.1	1896.7	2031.0	2165.4	2031.0	1896.7	1863.1	1630.1	1319.4	1164.1	1077.6
130°	1780.2	1811.2	1935.4	2059.5	1935.4	1811.2	1780.2	1572.7	1296.2	1157.8	1079.2
132.5°	1709.5	1737.3	1848.5	1959.7	1848.5	1737.3	1709.5	1523.9	1276.3	1152.5	1080.4
135°	1609.8	1633.8	1729.6	1825.4	1729.6	1633.8	1609.8	1454.3	1247.0	1143.3	1079.4
137.5°	1536.1	1555.7	1634.2	1712.6	1634.2	1555.7	1536.1	1404.6	1229.4	1141.7	1086.0
140°	1477.1	1495.4	1568.7	1642.1	1568.7	1495.4	1477.1	1363.5	1212.1	1136.4	1087.1
142.5°	1435.7	1451.5	1514.5	1577.6	1514.5	1451.5	1435.7	1335.9	1202.9	1136.4	1091.0
145°	1373.5	1385.5	1433.2	1480.9	1433.2	1385.5	1373.5	1291.9	1183.1	1128.7	1091.0
147.5°	1321.4	1331.2	1370.8	1410.4	1370.8	1331.2	1321.4	1257.1	1171.5	1128.7	1098.6
150°	1291.4	1299.4	1331.5	1363.5	1331.5	1299.4	1291.4	1237.2	1164.9	1128.7	1102.4
152.5°	1267.6	1273.6	1297.8	1322.0	1297.8	1273.6	1267.6	1221.3	1159.5	1128.7	1105.0
155°	1239.2	1243.3	1259.3	1275.3	1259.3	1243.3	1239.2	1202.4	1153.3	1128.7	1110.6
157.5°	1214.6	1217.4	1228.7	1239.9	1228.7	1217.4	1214.6	1186.0	1147.8	1128.7	1116.2
160°	1202.4	1204.0	1210.5	1216.9	1210.5	1204.0	1202.4	1177.8	1145.1	1128.7	1118.8
162.5°	1190.8	1192.4	1198.5	1204.7	1198.5	1192.4	1190.8	1170.1	1142.5	1128.7	1121.6
165°	1173.2	1174.8	1181.4	1187.8	1181.4	1174.8	1173.2	1158.4	1138.6	1128.7	1125.4
167.5°	1165.5	1166.2	1168.9	1171.7	1168.9	1166.2	1165.5	1155.9	1142.9	1136.4	1133.6
170°	1165.5	1165.5	1165.5	1165.5	1165.5	1165.5	1165.5	1155.9	1142.9	1136.4	1136.2
172.5°	1159.4	1158.8	1156.5	1154.1	1156.5	1158.8	1159.4	1151.7	1141.5	1136.4	1136.4
175°	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1146.2	1139.7	1136.4	1138.0
177.5°	1149.4	1148.7	1146.1	1143.3	1146.1	1148.7	1149.4	1145.6	1140.4	1137.9	1139.1
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1547.2	1554.6	1559.1	1565.0	1579.8
5°	1487.9	1516.1	1525.0	1547.2	1573.9
7.5°	1357.5	1443.5	1467.2	1520.5	1562.0
10°	1231.5	1317.5	1359.0	1485.0	1547.2
12.5°	1167.8	1218.2	1246.4	1422.7	1526.5
15°	1127.8	1163.4	1184.1	1339.7	1502.7
17.5°	1096.7	1121.9	1136.7	1258.2	1470.1
20°	1077.4	1089.3	1102.6	1198.9	1433.1
22.5°	1064.1	1056.7	1067.0	1157.4	1382.7
25°	1055.2	1027.0	1038.9	1124.8	1323.4
27.5°	1062.6	1000.4	1004.8	1095.2	1261.2
30°	1064.1	967.7	969.2	1064.1	1191.5
32.5°	1053.7	933.7	935.1	1025.5	1113.0
35°	1028.5	893.6	892.2	981.1	1006.3
37.5°	994.4	850.7	850.7	932.2	889.2
40°	952.9	807.7	812.1	868.5	785.5
42.5°	902.5	761.7	767.7	784.0	708.4
45°	847.7	717.3	721.7	662.5	649.1
47.5°	786.9	671.3	672.8	549.8	629.8
50°	714.3	623.9	618.0	471.3	628.4
52.5°	650.6	572.1	554.3	426.8	570.6
55°	588.4	517.2	478.7	392.7	529.1
57.5°	533.5	446.1	409.0	352.7	520.2
60°	483.1	376.4	348.3	309.7	477.2
62.5°	441.6	324.6	318.6	280.1	432.7
65°	397.2	289.0	287.5	254.9	367.5
67.5°	354.2	265.3	263.8	231.2	280.1
70°	308.3	240.1	237.1	206.0	207.5
72.5°	260.8	211.9	209.0	185.2	171.9
75°	213.4	179.3	177.8	161.5	139.3
77.5°	167.5	142.3	145.2	130.4	102.3
80°	120.0	103.7	106.7	93.4	77.1
82.5°	80.0	68.2	71.1	59.3	51.9
85°	44.5	38.5	40.0	31.1	23.7
87.5°	20.7	17.8	17.8	11.9	7.4
90°	33.7	21.4	20.0	13.8	7.7
92.5°	208.2	148.1	135.1	82.9	30.7
95°	512.3	288.5	264.6	169.1	73.7
97.5°	690.0	316.9	295.8	211.5	127.4
100°	754.7	340.7	321.6	245.2	168.8
102.5°	784.5	364.5	346.7	275.4	204.1
105°	806.4	399.7	384.6	324.4	264.0
107.5°	810.6	451.9	437.9	381.6	325.3
110°	804.3	481.1	468.3	417.5	366.7



TEST NUMBER: P935519

CATALOG NUMBER: SQ4-FA-125U-075D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	804.6	516.4	504.3	455.9	407.5
115°	812.1	569.4	558.2	513.5	468.8
117.5°	827.2	620.8	610.6	570.1	529.5
120°	839.4	650.7	641.1	603.0	564.7
122.5°	857.1	686.0	676.4	637.9	599.3
125°	880.9	731.2	722.4	687.4	652.2
127.5°	904.7	775.0	766.1	730.6	695.2
130°	922.0	804.1	794.5	756.4	718.2
132.5°	936.1	827.9	818.4	780.2	742.0
135°	951.4	855.5	846.8	812.0	777.3
137.5°	974.5	890.9	882.3	847.8	813.3
140°	988.5	914.6	906.7	875.0	843.3
142.5°	1000.4	932.3	925.0	895.6	866.3
145°	1015.7	959.2	952.7	927.1	901.6
147.5°	1038.2	992.9	986.7	961.8	936.9
150°	1049.9	1010.5	1004.9	982.5	959.9
152.5°	1057.7	1022.1	1017.8	1000.7	983.7
155°	1074.4	1047.4	1044.2	1031.7	1019.0
157.5°	1091.3	1072.7	1069.6	1057.4	1045.1
160°	1099.1	1084.2	1081.9	1072.3	1062.7
162.5°	1107.3	1096.5	1094.7	1087.5	1080.4
165°	1119.0	1114.2	1112.6	1106.1	1099.5
167.5°	1128.2	1124.1	1123.4	1120.3	1117.2
170°	1135.9	1135.6	1134.8	1131.8	1128.7
172.5°	1136.4	1136.4	1136.2	1135.5	1134.8
175°	1141.0	1143.3	1143.3	1143.3	1143.3
177.5°	1141.5	1143.3	1143.3	1143.3	1143.3
180°	1143.3	1143.3	1143.3	1143.3	1143.3



TEST NUMBER: P935519
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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	11.17	11.92	12.24	12.99	14.46	14.00	14.74	15.07	15.81	17.28
	3H	11.64	12.31	12.72	13.39	14.87	15.33	16.00	16.41	17.08	18.56
	4H	11.83	12.46	12.92	13.54	15.03	15.77	16.40	16.86	17.48	18.97
	6H	11.94	12.52	13.04	13.61	15.11	16.05	16.63	17.15	17.71	19.22
	8H	11.94	12.49	13.04	13.59	15.09	16.12	16.67	17.22	17.77	19.27
	12H	11.90	12.43	13.01	13.53	15.04	16.15	16.67	17.26	17.77	19.29
4H	2H	12.19	12.82	13.29	13.90	15.39	14.39	15.02	15.49	16.11	17.60
	3H	13.20	13.73	14.31	14.84	16.34	15.88	16.41	16.99	17.52	19.02
	4H	13.48	13.96	14.59	15.06	16.58	16.41	16.89	17.52	17.99	19.51
	6H	13.59	14.01	14.71	15.13	16.65	16.76	17.18	17.88	18.30	19.82
	8H	13.60	13.98	14.72	15.10	16.63	16.87	17.25	17.98	18.37	19.90
	12H	13.56	13.91	14.69	15.04	16.57	16.92	17.27	18.05	18.39	19.93
8H	4H	13.92	14.31	15.04	15.42	16.95	16.52	16.91	17.64	18.02	19.55
	6H	14.17	14.49	15.32	15.65	17.18	16.95	17.27	18.09	18.43	19.96
	8H	14.22	14.50	15.36	15.63	17.18	17.10	17.38	18.25	18.52	20.07
	12H	14.19	14.44	15.35	15.58	17.16	17.19	17.44	18.34	18.57	20.16
12H	4H	13.92	14.27	15.05	15.40	16.93	16.48	16.83	17.62	17.96	19.49
	6H	14.23	14.51	15.38	15.65	17.20	16.95	17.23	18.09	18.36	19.91
	8H	14.30	14.54	15.45	15.68	17.26	17.10	17.35	18.25	18.48	20.07