

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: P935515

Luminaire Tested: SQ4-FA-125U-075D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935515
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-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

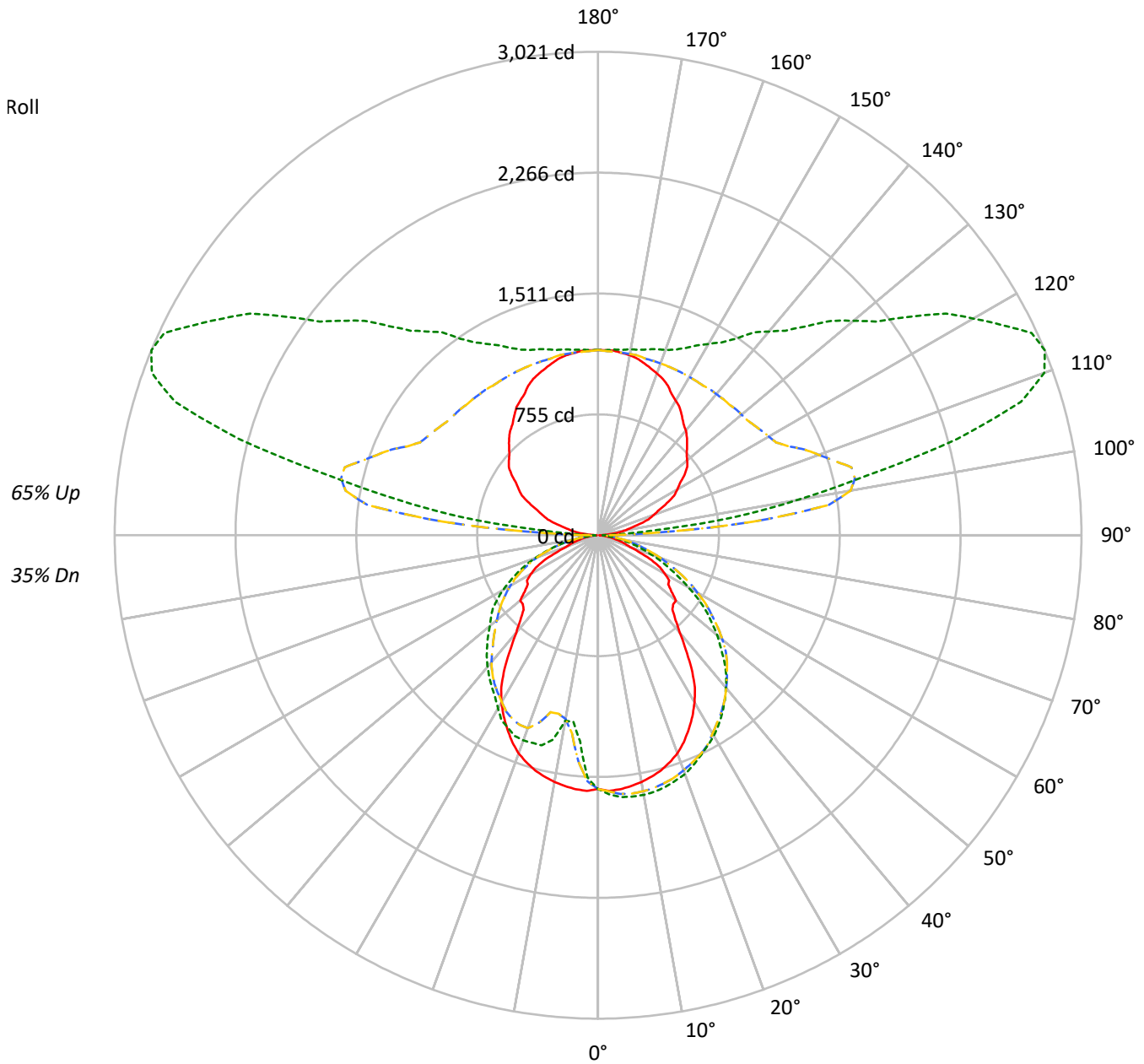
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11616.9 lumens
Efficiency: N/A
Efficacy: 139.3 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°	9808	9808	9808	9808
5°	9878	9901	9878	7785
10°	9808	9753	9808	6973
15°	9698	9542	9698	7967
20°	9491	9291	9491	7984
25°	9072	8926	9072	7815
30°	8533	8623	8533	7443
35°	7603	8240	7603	7035
40°	6331	7788	6331	6727
45°	5654	7260	5654	6372
50°	6002	6630	6002	6016
55°	5641	5951	5641	5810
60°	5808	5054	5808	5321
65°	5257	4178	5257	4670
70°	3632	3330	3632	3915
75°	3173	2461	3173	2947
80°	2539	1627	2539	1772
85°	1431	862	1431	733

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8671 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.1	1.2
10°-20°	406.4	3.5
20°-30°	628.2	5.4
30°-40°	749.9	6.5
40°-50°	754.3	6.5
50°-60°	656.3	5.6
60°-70°	465.3	4.0
70°-80°	246.2	2.1
80°-90°	65.7	0.6
90°-100°	564.1	4.9
100°-110°	1483.0	12.8
110°-120°	1537.7	13.2
120°-130°	1233.4	10.6
130°-140°	967.8	8.3
140°-150°	742.8	6.4
150°-160°	534.9	4.6
160°-170°	327.3	2.8
170°-180°	110.6	1.0
0°-30°	1177.6	10.1
0°-40°	1927.5	16.6
0°-60°	3338.1	28.7
0°-90°	4115.3	35.4
90°-120°	3584.7	30.9
90°-150°	6528.7	56.2
90°-180°	7502.0	64.6
0°-180°	11616.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1586	1586	1586	1586	1586	
5°	1593	1642	1593	1292	1593	151
15°	1521	1628	1521	1359	1521	428
25°	1340	1518	1340	1329	1340	615
35°	1018	1354	1018	1156	1018	630
45°	657	1116	657	980	657	526
55°	536	824	536	804	536	492
65°	372	496	372	555	372	356
75°	141	236	141	282	141	148
85°	24	60	24	51	24	32
90°	8	30	8	30	8	7
95°	75	341	75	341	75	83
105°	267	2322	267	2322	267	283
115°	474	2990	474	2990	474	469
125°	660	2381	660	2381	660	586
135°	787	1848	787	1848	787	609
145°	912	1499	912	1499	912	572
155°	1031	1291	1031	1291	1031	474
165°	1113	1202	1113	1202	1113	314
175°	1157	1165	1157	1165	1157	110
180°	1157	1157	1157	1157	1157	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1599.0	1599.0	1608.0	1611.0	1611.0	1606.5	1602.0	1606.5	1620.0	1624.5	1623.0
5°	1593.0	1605.0	1621.5	1624.5	1627.5	1626.0	1623.0	1626.0	1641.0	1644.0	1645.5
7.5°	1581.0	1603.5	1624.5	1629.0	1633.5	1629.0	1627.5	1630.5	1645.5	1648.5	1648.5
10°	1566.0	1597.5	1621.5	1624.5	1629.0	1624.5	1624.5	1630.5	1645.5	1648.5	1650.0
12.5°	1545.0	1588.5	1611.0	1614.0	1620.0	1618.5	1617.0	1623.0	1638.0	1641.0	1641.0
15°	1521.0	1572.0	1593.0	1596.0	1606.5	1603.5	1603.5	1609.5	1626.0	1630.5	1629.0
17.5°	1488.0	1551.0	1575.0	1579.5	1587.0	1585.5	1587.0	1593.0	1608.0	1611.0	1612.5
20°	1450.5	1522.5	1551.0	1555.5	1563.0	1563.0	1563.0	1570.5	1585.5	1591.5	1591.5
22.5°	1399.5	1492.5	1522.5	1525.5	1534.5	1534.5	1537.5	1548.0	1561.5	1563.0	1563.0
25°	1339.5	1459.5	1485.0	1494.0	1503.0	1507.5	1512.0	1518.0	1522.5	1521.0	1522.5
27.5°	1276.5	1417.5	1450.5	1456.5	1468.5	1473.0	1479.0	1480.5	1482.0	1486.5	1483.5
30°	1206.0	1359.0	1408.5	1414.5	1434.0	1437.0	1431.0	1434.0	1441.5	1444.5	1447.5
32.5°	1126.5	1272.0	1365.0	1378.5	1396.5	1387.5	1386.0	1390.5	1402.5	1402.5	1405.5
35°	1018.5	1204.5	1324.5	1336.5	1350.0	1339.5	1345.5	1347.0	1354.5	1359.0	1357.5
37.5°	900.0	1146.0	1282.5	1291.5	1302.0	1288.5	1297.5	1302.0	1308.0	1305.0	1305.0
40°	795.0	1054.5	1233.0	1239.0	1248.0	1237.5	1246.5	1249.5	1252.5	1249.5	1248.0
42.5°	717.0	954.0	1180.5	1188.0	1182.0	1189.5	1192.5	1198.5	1194.0	1188.0	1188.0
45°	657.0	927.0	1123.5	1132.5	1123.5	1135.5	1140.0	1140.0	1126.5	1123.5	1122.0
47.5°	637.5	873.0	1066.5	1066.5	1062.0	1077.0	1084.5	1074.0	1060.5	1056.0	1056.0
50°	636.0	813.0	988.5	982.5	1003.5	1021.5	1014.0	1003.5	993.0	976.5	976.5
52.5°	577.5	739.5	888.0	910.5	943.5	954.0	942.0	931.5	913.5	906.0	900.0
55°	535.5	663.0	796.5	841.5	876.0	889.5	867.0	856.5	829.5	825.0	822.0
57.5°	526.5	552.0	712.5	769.5	811.5	810.0	796.5	777.0	754.5	750.0	748.5
60°	483.0	399.0	622.5	690.0	733.5	729.0	717.0	699.0	678.0	675.0	672.0
62.5°	438.0	289.5	520.5	597.0	658.5	657.0	646.5	619.5	604.5	597.0	591.0
65°	372.0	243.0	370.5	496.5	585.0	588.0	565.5	546.0	529.5	520.5	519.0
67.5°	283.5	198.0	250.5	414.0	514.5	511.5	483.0	474.0	453.0	448.5	439.5
70°	210.0	132.0	174.0	336.0	445.5	438.0	415.5	405.0	385.5	375.0	369.0
72.5°	174.0	106.5	127.5	261.0	375.0	366.0	346.5	334.5	318.0	309.0	303.0
75°	141.0	112.5	97.5	193.5	304.5	298.5	280.5	268.5	255.0	243.0	244.5
77.5°	103.5	105.0	78.0	142.5	241.5	232.5	222.0	207.0	201.0	189.0	189.0
80°	78.0	82.5	58.5	97.5	174.0	174.0	165.0	154.5	144.0	138.0	138.0
82.5°	52.5	52.5	43.5	61.5	118.5	114.0	108.0	105.0	99.0	96.0	96.0
85°	24.0	30.0	27.0	37.5	64.5	67.5	67.5	64.5	63.0	60.0	61.5
87.5°	7.5	13.5	16.5	21.0	33.0	34.5	36.0	36.0	36.0	37.5	37.5
90°	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3	29.5	29.5
92.5°	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2	147.6	141.7
95°	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8	500.9	483.1
97.5°	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6	1156.4	1122.6
100°	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7	1623.9	1583.6
102.5°	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8	2023.1	1988.6
105°	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9	2489.1	2470.5
107.5°	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4	2731.4	2735.9
110°	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9	2793.6	2812.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9	2753.9	2783.6
115°	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2	2619.6	2660.8
117.5°	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0	2434.0	2479.6
120°	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8	2308.9	2353.3
122.5°	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6	2183.9	2227.6
125°	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8	2018.5	2058.8
127.5°	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9	1885.7	1919.7
130°	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8	1801.8	1833.2
132.5°	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4	1730.3	1758.4
135°	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0	1629.4	1653.6
137.5°	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7	1554.8	1574.6
140°	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1	1495.0	1513.6
142.5°	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1	1453.1	1469.1
145°	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6	1390.2	1402.3
147.5°	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4	1337.4	1347.4
150°	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2	1307.1	1315.2
152.5°	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1	1283.0	1289.1
155°	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0	1254.3	1258.4
157.5°	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4	1229.4	1232.2
160°	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1	1217.0	1218.6
162.5°	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3	1205.3	1206.9
165°	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5	1187.5	1189.1
167.5°	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9	1179.7	1180.4
170°	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9	1179.7	1179.7
172.5°	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7	1173.5	1172.9
175°	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1	1165.0	1165.0
177.5°	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5	1163.4	1162.7
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1626.0	1621.5	1626.0	1623.0	1624.5	1620.0	1606.5	1602.0	1606.5	1611.0	1611.0
5°	1645.5	1642.5	1645.5	1645.5	1644.0	1641.0	1626.0	1623.0	1626.0	1627.5	1624.5
7.5°	1651.5	1647.0	1651.5	1648.5	1648.5	1645.5	1630.5	1627.5	1629.0	1633.5	1629.0
10°	1651.5	1647.0	1651.5	1650.0	1648.5	1645.5	1630.5	1624.5	1624.5	1629.0	1624.5
12.5°	1644.0	1641.0	1644.0	1641.0	1641.0	1638.0	1623.0	1617.0	1618.5	1620.0	1614.0
15°	1632.0	1627.5	1632.0	1629.0	1630.5	1626.0	1609.5	1603.5	1603.5	1606.5	1596.0
17.5°	1614.0	1608.0	1614.0	1612.5	1611.0	1608.0	1593.0	1587.0	1585.5	1587.0	1579.5
20°	1593.0	1588.5	1593.0	1591.5	1591.5	1585.5	1570.5	1563.0	1563.0	1563.0	1555.5
22.5°	1560.0	1555.5	1560.0	1563.0	1563.0	1561.5	1548.0	1537.5	1534.5	1534.5	1525.5
25°	1522.5	1518.0	1522.5	1522.5	1521.0	1522.5	1518.0	1512.0	1507.5	1503.0	1494.0
27.5°	1486.5	1483.5	1486.5	1483.5	1486.5	1482.0	1480.5	1479.0	1473.0	1468.5	1456.5
30°	1450.5	1447.5	1450.5	1447.5	1444.5	1441.5	1434.0	1431.0	1437.0	1434.0	1414.5
32.5°	1405.5	1402.5	1405.5	1405.5	1402.5	1402.5	1390.5	1386.0	1387.5	1396.5	1378.5
35°	1359.0	1354.5	1359.0	1357.5	1359.0	1354.5	1347.0	1345.5	1339.5	1350.0	1336.5
37.5°	1305.0	1300.5	1305.0	1305.0	1305.0	1308.0	1302.0	1297.5	1288.5	1302.0	1291.5
40°	1249.5	1243.5	1249.5	1248.0	1249.5	1252.5	1249.5	1246.5	1237.5	1248.0	1239.0
42.5°	1186.5	1185.0	1186.5	1188.0	1188.0	1194.0	1198.5	1192.5	1189.5	1182.0	1188.0
45°	1119.0	1116.0	1119.0	1122.0	1123.5	1126.5	1140.0	1140.0	1135.5	1123.5	1132.5
47.5°	1047.0	1039.5	1047.0	1056.0	1056.0	1060.5	1074.0	1084.5	1077.0	1062.0	1066.5
50°	970.5	972.0	970.5	976.5	976.5	993.0	1003.5	1014.0	1021.5	1003.5	982.5
52.5°	895.5	894.0	895.5	900.0	906.0	913.5	931.5	942.0	954.0	943.5	910.5
55°	820.5	823.5	820.5	822.0	825.0	829.5	856.5	867.0	889.5	876.0	841.5
57.5°	745.5	741.0	745.5	748.5	750.0	754.5	777.0	796.5	810.0	811.5	769.5
60°	658.5	652.5	658.5	672.0	675.0	678.0	699.0	717.0	729.0	733.5	690.0
62.5°	582.0	571.5	582.0	591.0	597.0	604.5	619.5	646.5	657.0	658.5	597.0
65°	501.0	496.5	501.0	519.0	520.5	529.5	546.0	565.5	588.0	585.0	496.5
67.5°	427.5	427.5	427.5	439.5	448.5	453.0	474.0	483.0	511.5	514.5	414.0
70°	360.0	358.5	360.0	369.0	375.0	385.5	405.0	415.5	438.0	445.5	336.0
72.5°	295.5	294.0	295.5	303.0	309.0	318.0	334.5	346.5	366.0	375.0	261.0
75°	238.5	235.5	238.5	244.5	243.0	255.0	268.5	280.5	298.5	304.5	193.5
77.5°	183.0	183.0	183.0	189.0	189.0	201.0	207.0	222.0	232.5	241.5	142.5
80°	136.5	135.0	136.5	138.0	138.0	144.0	154.5	165.0	174.0	174.0	97.5
82.5°	96.0	93.0	96.0	96.0	96.0	99.0	105.0	108.0	114.0	118.5	61.5
85°	60.0	60.0	60.0	61.5	60.0	63.0	64.5	67.5	67.5	64.5	37.5
87.5°	39.0	37.5	39.0	37.5	37.5	36.0	36.0	36.0	34.5	33.0	21.0
90°	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7	34.1	21.7
92.5°	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8	210.7	149.9
95°	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6	518.5	292.0
97.5°	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1	698.4	320.7
100°	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8	763.9	344.8
102.5°	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7	794.0	368.9
105°	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1	816.2	404.6
107.5°	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3	820.4	457.4
110°	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4	814.1	486.9



TEST NUMBER: P935515

CATALOG NUMBER: SQ4-FA-125U-075D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4	814.4	522.7
115°	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5	822.0	576.3
117.5°	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7	837.2	628.3
120°	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3	849.6	658.6
122.5°	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4	867.5	694.3
125°	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5	891.6	740.1
127.5°	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7	915.7	784.4
130°	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3	933.2	813.9
132.5°	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5	947.5	838.0
135°	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5	963.0	865.9
137.5°	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2	986.3	901.7
140°	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3	1000.5	925.7
142.5°	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3	1012.5	943.6
145°	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3	1028.0	970.8
147.5°	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9	1050.8	1005.0
150°	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8	1062.7	1022.8
152.5°	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4	1070.5	1034.5
155°	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1	1087.5	1060.1
157.5°	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8	1104.6	1085.7
160°	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4	1112.4	1097.4
162.5°	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2	1120.7	1109.8
165°	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1	1132.6	1127.7
167.5°	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4	1141.9	1137.8
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0	1149.7	1149.4
172.5°	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8	1154.9	1157.2
177.5°	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9	1155.4	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935515
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1608.0	1599.0	1599.0	1584.0	1578.0	1573.5	1566.0	1543.5	1537.5	1531.5	1540.5
5°	1621.5	1605.0	1593.0	1566.0	1543.5	1534.5	1506.0	1452.0	1416.0	1389.0	1374.0
7.5°	1624.5	1603.5	1581.0	1539.0	1485.0	1461.0	1374.0	1275.0	1248.0	1224.0	1209.0
10°	1621.5	1597.5	1566.0	1503.0	1375.5	1333.5	1246.5	1182.0	1165.5	1161.0	1165.5
12.5°	1611.0	1588.5	1545.0	1440.0	1261.5	1233.0	1182.0	1144.5	1141.5	1149.0	1189.5
15°	1593.0	1572.0	1521.0	1356.0	1198.5	1177.5	1141.5	1128.0	1144.5	1197.0	1318.5
17.5°	1575.0	1551.0	1488.0	1273.5	1150.5	1135.5	1110.0	1137.0	1230.0	1300.5	1341.0
20°	1551.0	1522.5	1450.5	1213.5	1116.0	1102.5	1090.5	1212.0	1282.5	1308.0	1330.5
22.5°	1522.5	1492.5	1399.5	1171.5	1080.0	1069.5	1077.0	1254.0	1282.5	1300.5	1320.0
25°	1485.0	1459.5	1339.5	1138.5	1051.5	1039.5	1068.0	1249.5	1266.0	1270.5	1309.5
27.5°	1450.5	1417.5	1276.5	1108.5	1017.0	1012.5	1075.5	1230.0	1242.0	1246.5	1288.5
30°	1408.5	1359.0	1206.0	1077.0	981.0	979.5	1077.0	1206.0	1203.0	1215.0	1257.0
32.5°	1365.0	1272.0	1126.5	1038.0	946.5	945.0	1066.5	1170.0	1167.0	1183.5	1215.0
35°	1324.5	1204.5	1018.5	993.0	903.0	904.5	1041.0	1128.0	1129.5	1144.5	1164.0
37.5°	1282.5	1146.0	900.0	943.5	861.0	861.0	1006.5	1089.0	1086.0	1090.5	1117.5
40°	1233.0	1054.5	795.0	879.0	822.0	817.5	964.5	1047.0	1036.5	1035.0	1072.5
42.5°	1180.5	954.0	717.0	793.5	777.0	771.0	913.5	996.0	976.5	981.0	1029.0
45°	1123.5	927.0	657.0	670.5	730.5	726.0	858.0	937.5	924.0	936.0	985.5
47.5°	1066.5	873.0	637.5	556.5	681.0	679.5	796.5	880.5	873.0	885.0	937.5
50°	988.5	813.0	636.0	477.0	625.5	631.5	723.0	825.0	825.0	835.5	891.0
52.5°	888.0	739.5	577.5	432.0	561.0	579.0	658.5	777.0	780.0	790.5	840.0
55°	796.5	663.0	535.5	397.5	484.5	523.5	595.5	727.5	733.5	744.0	789.0
57.5°	712.5	552.0	526.5	357.0	414.0	451.5	540.0	679.5	682.5	691.5	735.0
60°	622.5	399.0	483.0	313.5	352.5	381.0	489.0	622.5	633.0	639.0	676.5
62.5°	520.5	289.5	438.0	283.5	322.5	328.5	447.0	568.5	582.0	586.5	609.0
65°	370.5	243.0	372.0	258.0	291.0	292.5	402.0	513.0	525.0	532.5	549.0
67.5°	250.5	198.0	283.5	234.0	267.0	268.5	358.5	448.5	465.0	471.0	481.5
70°	174.0	132.0	210.0	208.5	240.0	243.0	312.0	390.0	405.0	409.5	415.5
72.5°	127.5	106.5	174.0	187.5	211.5	214.5	264.0	324.0	339.0	343.5	346.5
75°	97.5	112.5	141.0	163.5	180.0	181.5	216.0	264.0	274.5	277.5	279.0
77.5°	78.0	105.0	103.5	132.0	147.0	144.0	169.5	204.0	213.0	213.0	213.0
80°	58.5	82.5	78.0	94.5	108.0	105.0	121.5	145.5	148.5	151.5	150.0
82.5°	43.5	52.5	52.5	60.0	72.0	69.0	81.0	94.5	94.5	94.5	97.5
85°	27.0	30.0	24.0	31.5	40.5	39.0	45.0	51.0	52.5	52.5	49.5
87.5°	16.5	13.5	7.5	12.0	18.0	18.0	21.0	22.5	21.0	21.0	21.0
90°	20.2	14.0	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3
92.5°	136.7	83.9	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2
95°	267.8	171.2	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8
97.5°	299.4	214.1	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6
100°	325.5	248.2	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7
102.5°	350.9	278.7	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8
105°	389.3	328.3	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9
107.5°	443.2	386.2	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4
110°	474.0	422.6	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9



TEST NUMBER: P935515

CATALOG NUMBER: SQ4-FA-125U-075D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	510.4	461.4	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9
115°	565.0	519.7	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2
117.5°	618.0	577.0	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0
120°	648.9	610.3	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8
122.5°	684.6	645.6	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6
125°	731.2	695.7	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8
127.5°	775.4	739.5	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9
130°	804.2	765.6	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8
132.5°	828.3	789.7	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4
135°	857.1	821.9	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0
137.5°	893.0	858.1	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7
140°	917.7	885.6	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1
142.5°	936.2	906.5	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1
145°	964.3	938.4	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6
147.5°	998.7	973.5	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4
150°	1017.1	994.4	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2
152.5°	1030.2	1012.9	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1
155°	1056.9	1044.2	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0
157.5°	1082.6	1070.2	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4
160°	1095.0	1085.3	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1
162.5°	1108.0	1100.7	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3
165°	1126.1	1119.5	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5
167.5°	1137.0	1133.9	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9
170°	1148.6	1145.5	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9
172.5°	1150.0	1149.3	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7
175°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1
177.5°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935515
 CATALOG NUMBER: SQ4-FA-125U-075D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1530.0	1525.5	1531.5	1515.0	1531.5	1525.5	1530.0	1540.5	1531.5	1537.5	1543.5
5°	1342.5	1335.0	1311.0	1291.5	1311.0	1335.0	1342.5	1374.0	1389.0	1416.0	1452.0
7.5°	1200.0	1194.0	1188.0	1176.0	1188.0	1194.0	1200.0	1209.0	1224.0	1248.0	1275.0
10°	1168.5	1170.0	1179.0	1177.5	1179.0	1170.0	1168.5	1165.5	1161.0	1165.5	1182.0
12.5°	1249.5	1263.0	1312.5	1309.5	1312.5	1263.0	1249.5	1189.5	1149.0	1141.5	1144.5
15°	1342.5	1347.0	1357.5	1359.0	1357.5	1347.0	1342.5	1318.5	1197.0	1144.5	1128.0
17.5°	1351.5	1353.0	1360.5	1360.5	1360.5	1353.0	1351.5	1341.0	1300.5	1230.0	1137.0
20°	1344.0	1347.0	1362.0	1365.0	1362.0	1347.0	1344.0	1330.5	1308.0	1282.5	1212.0
22.5°	1341.0	1347.0	1359.0	1357.5	1359.0	1347.0	1341.0	1320.0	1300.5	1282.5	1254.0
25°	1326.0	1326.0	1327.5	1329.0	1327.5	1326.0	1326.0	1309.5	1270.5	1266.0	1249.5
27.5°	1294.5	1297.5	1306.5	1305.0	1306.5	1297.5	1294.5	1288.5	1246.5	1242.0	1230.0
30°	1266.0	1263.0	1255.5	1249.5	1255.5	1263.0	1266.0	1257.0	1215.0	1203.0	1206.0
32.5°	1218.0	1210.5	1203.0	1198.5	1203.0	1210.5	1218.0	1215.0	1183.5	1167.0	1170.0
35°	1161.0	1162.5	1161.0	1156.5	1161.0	1162.5	1161.0	1164.0	1144.5	1129.5	1128.0
37.5°	1120.5	1123.5	1122.0	1116.0	1122.0	1123.5	1120.5	1117.5	1090.5	1086.0	1089.0
40°	1078.5	1080.0	1078.5	1074.0	1078.5	1080.0	1078.5	1072.5	1035.0	1036.5	1047.0
42.5°	1038.0	1036.5	1032.0	1029.0	1032.0	1036.5	1038.0	1029.0	981.0	976.5	996.0
45°	991.5	993.0	984.0	979.5	984.0	993.0	991.5	985.5	936.0	924.0	937.5
47.5°	945.0	945.0	937.5	933.0	937.5	945.0	945.0	937.5	885.0	873.0	880.5
50°	895.5	894.0	883.5	882.0	883.5	894.0	895.5	891.0	835.5	825.0	825.0
52.5°	838.5	838.5	840.0	843.0	840.0	838.5	838.5	840.0	790.5	780.0	777.0
55°	789.0	790.5	801.0	804.0	801.0	790.5	789.0	789.0	744.0	733.5	727.5
57.5°	738.0	738.0	745.5	745.5	745.5	738.0	738.0	735.0	691.5	682.5	679.5
60°	679.5	682.5	688.5	687.0	688.5	682.5	679.5	676.5	639.0	633.0	622.5
62.5°	618.0	621.0	622.5	619.5	622.5	621.0	618.0	609.0	586.5	582.0	568.5
65°	553.5	556.5	558.0	555.0	558.0	556.5	553.5	549.0	532.5	525.0	513.0
67.5°	487.5	486.0	484.5	490.5	484.5	486.0	487.5	481.5	471.0	465.0	448.5
70°	420.0	420.0	418.5	421.5	418.5	420.0	420.0	415.5	409.5	405.0	390.0
72.5°	348.0	346.5	352.5	348.0	352.5	346.5	348.0	346.5	343.5	339.0	324.0
75°	277.5	280.5	277.5	282.0	277.5	280.5	277.5	279.0	277.5	274.5	264.0
77.5°	211.5	214.5	211.5	211.5	211.5	214.5	211.5	213.0	213.0	213.0	204.0
80°	150.0	148.5	148.5	147.0	148.5	148.5	150.0	150.0	151.5	148.5	145.5
82.5°	96.0	94.5	94.5	97.5	94.5	94.5	96.0	97.5	94.5	94.5	94.5
85°	52.5	54.0	51.0	51.0	51.0	54.0	52.5	49.5	52.5	52.5	51.0
87.5°	19.5	18.0	18.0	18.0	18.0	18.0	19.5	21.0	21.0	21.0	22.5
90°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7
92.5°	147.6	141.7	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8
95°	500.9	483.1	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6
97.5°	1156.4	1122.6	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1
100°	1623.9	1583.6	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8
102.5°	2023.1	1988.6	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7
105°	2489.1	2470.5	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1
107.5°	2731.4	2735.9	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3
110°	2793.6	2812.9	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2753.9	2783.6	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4
115°	2619.6	2660.8	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5
117.5°	2434.0	2479.6	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7
120°	2308.9	2353.3	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3
122.5°	2183.9	2227.6	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4
125°	2018.5	2058.8	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5
127.5°	1885.7	1919.7	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7
130°	1801.8	1833.2	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3
132.5°	1730.3	1758.4	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5
135°	1629.4	1653.6	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5
137.5°	1554.8	1574.6	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2
140°	1495.0	1513.6	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3
142.5°	1453.1	1469.1	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3
145°	1390.2	1402.3	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3
147.5°	1337.4	1347.4	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9
150°	1307.1	1315.2	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8
152.5°	1283.0	1289.1	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4
155°	1254.3	1258.4	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1
157.5°	1229.4	1232.2	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8
160°	1217.0	1218.6	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4
162.5°	1205.3	1206.9	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2
165°	1187.5	1189.1	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1
167.5°	1179.7	1180.4	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0
172.5°	1173.5	1172.9	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8
177.5°	1163.4	1162.7	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935515
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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1566.0	1573.5	1578.0	1584.0	1599.0
5°	1506.0	1534.5	1543.5	1566.0	1593.0
7.5°	1374.0	1461.0	1485.0	1539.0	1581.0
10°	1246.5	1333.5	1375.5	1503.0	1566.0
12.5°	1182.0	1233.0	1261.5	1440.0	1545.0
15°	1141.5	1177.5	1198.5	1356.0	1521.0
17.5°	1110.0	1135.5	1150.5	1273.5	1488.0
20°	1090.5	1102.5	1116.0	1213.5	1450.5
22.5°	1077.0	1069.5	1080.0	1171.5	1399.5
25°	1068.0	1039.5	1051.5	1138.5	1339.5
27.5°	1075.5	1012.5	1017.0	1108.5	1276.5
30°	1077.0	979.5	981.0	1077.0	1206.0
32.5°	1066.5	945.0	946.5	1038.0	1126.5
35°	1041.0	904.5	903.0	993.0	1018.5
37.5°	1006.5	861.0	861.0	943.5	900.0
40°	964.5	817.5	822.0	879.0	795.0
42.5°	913.5	771.0	777.0	793.5	717.0
45°	858.0	726.0	730.5	670.5	657.0
47.5°	796.5	679.5	681.0	556.5	637.5
50°	723.0	631.5	625.5	477.0	636.0
52.5°	658.5	579.0	561.0	432.0	577.5
55°	595.5	523.5	484.5	397.5	535.5
57.5°	540.0	451.5	414.0	357.0	526.5
60°	489.0	381.0	352.5	313.5	483.0
62.5°	447.0	328.5	322.5	283.5	438.0
65°	402.0	292.5	291.0	258.0	372.0
67.5°	358.5	268.5	267.0	234.0	283.5
70°	312.0	243.0	240.0	208.5	210.0
72.5°	264.0	214.5	211.5	187.5	174.0
75°	216.0	181.5	180.0	163.5	141.0
77.5°	169.5	144.0	147.0	132.0	103.5
80°	121.5	105.0	108.0	94.5	78.0
82.5°	81.0	69.0	72.0	60.0	52.5
85°	45.0	39.0	40.5	31.5	24.0
87.5°	21.0	18.0	18.0	12.0	7.5
90°	34.1	21.7	20.2	14.0	7.8
92.5°	210.7	149.9	136.7	83.9	31.1
95°	518.5	292.0	267.8	171.2	74.6
97.5°	698.4	320.7	299.4	214.1	128.9
100°	763.9	344.8	325.5	248.2	170.9
102.5°	794.0	368.9	350.9	278.7	206.6
105°	816.2	404.6	389.3	328.3	267.2
107.5°	820.4	457.4	443.2	386.2	329.3
110°	814.1	486.9	474.0	422.6	371.2



TEST NUMBER: P935515

CATALOG NUMBER: SQ4-FA-125U-075D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	814.4	522.7	510.4	461.4	412.4
115°	822.0	576.3	565.0	519.7	474.5
117.5°	837.2	628.3	618.0	577.0	535.9
120°	849.6	658.6	648.9	610.3	571.6
122.5°	867.5	694.3	684.6	645.6	606.6
125°	891.6	740.1	731.2	695.7	660.1
127.5°	915.7	784.4	775.4	739.5	703.6
130°	933.2	813.9	804.2	765.6	726.9
132.5°	947.5	838.0	828.3	789.7	751.0
135°	963.0	865.9	857.1	821.9	786.7
137.5°	986.3	901.7	893.0	858.1	823.2
140°	1000.5	925.7	917.7	885.6	853.5
142.5°	1012.5	943.6	936.2	906.5	876.8
145°	1028.0	970.8	964.3	938.4	912.5
147.5°	1050.8	1005.0	998.7	973.5	948.3
150°	1062.7	1022.8	1017.1	994.4	971.6
152.5°	1070.5	1034.5	1030.2	1012.9	995.6
155°	1087.5	1060.1	1056.9	1044.2	1031.4
157.5°	1104.6	1085.7	1082.6	1070.2	1057.8
160°	1112.4	1097.4	1095.0	1085.3	1075.6
162.5°	1120.7	1109.8	1108.0	1100.7	1093.5
165°	1132.6	1127.7	1126.1	1119.5	1112.9
167.5°	1141.9	1137.8	1137.0	1133.9	1130.8
170°	1149.7	1149.4	1148.6	1145.5	1142.4
172.5°	1150.2	1150.2	1150.0	1149.3	1148.6
175°	1154.9	1157.2	1157.2	1157.2	1157.2
177.5°	1155.4	1157.2	1157.2	1157.2	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935515
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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	11.21	11.96	12.29	13.03	14.50	14.04	14.78	15.11	15.86	17.32
	3H	11.68	12.35	12.76	13.43	14.91	15.37	16.04	16.45	17.12	18.60
	4H	11.87	12.50	12.96	13.58	15.07	15.81	16.44	16.90	17.53	19.02
	6H	11.98	12.56	13.08	13.65	15.15	16.09	16.67	17.19	17.76	19.26
	8H	11.98	12.53	13.08	13.63	15.13	16.16	16.71	17.26	17.81	19.31
	12H	11.94	12.47	13.06	13.57	15.09	16.19	16.72	17.30	17.81	19.33
4H	2H	12.23	12.86	13.33	13.95	15.44	14.43	15.06	15.53	16.15	17.64
	3H	13.25	13.77	14.35	14.88	16.39	15.93	16.45	17.03	17.56	19.07
	4H	13.52	14.00	14.63	15.10	16.62	16.45	16.93	17.56	18.03	19.55
	6H	13.64	14.05	14.75	15.17	16.69	16.80	17.22	17.92	18.34	19.86
	8H	13.64	14.03	14.76	15.14	16.67	16.91	17.29	18.03	18.41	19.94
	12H	13.60	13.95	14.74	15.08	16.62	16.96	17.31	18.09	18.44	19.97
8H	4H	13.96	14.35	15.08	15.46	16.99	16.56	16.95	17.68	18.07	19.60
	6H	14.22	14.54	15.36	15.69	17.22	16.99	17.31	18.13	18.47	20.00
	8H	14.26	14.54	15.40	15.68	17.22	17.14	17.42	18.29	18.56	20.11
	12H	14.24	14.48	15.39	15.62	17.20	17.23	17.48	18.38	18.61	20.20
12H	4H	13.96	14.31	15.10	15.44	16.98	16.52	16.87	17.66	18.00	19.54
	6H	14.28	14.56	15.42	15.69	17.24	16.99	17.27	18.14	18.41	19.95
	8H	14.34	14.58	15.49	15.72	17.30	17.14	17.39	18.29	18.52	20.11