

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: P935815

Luminaire Tested: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935815
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

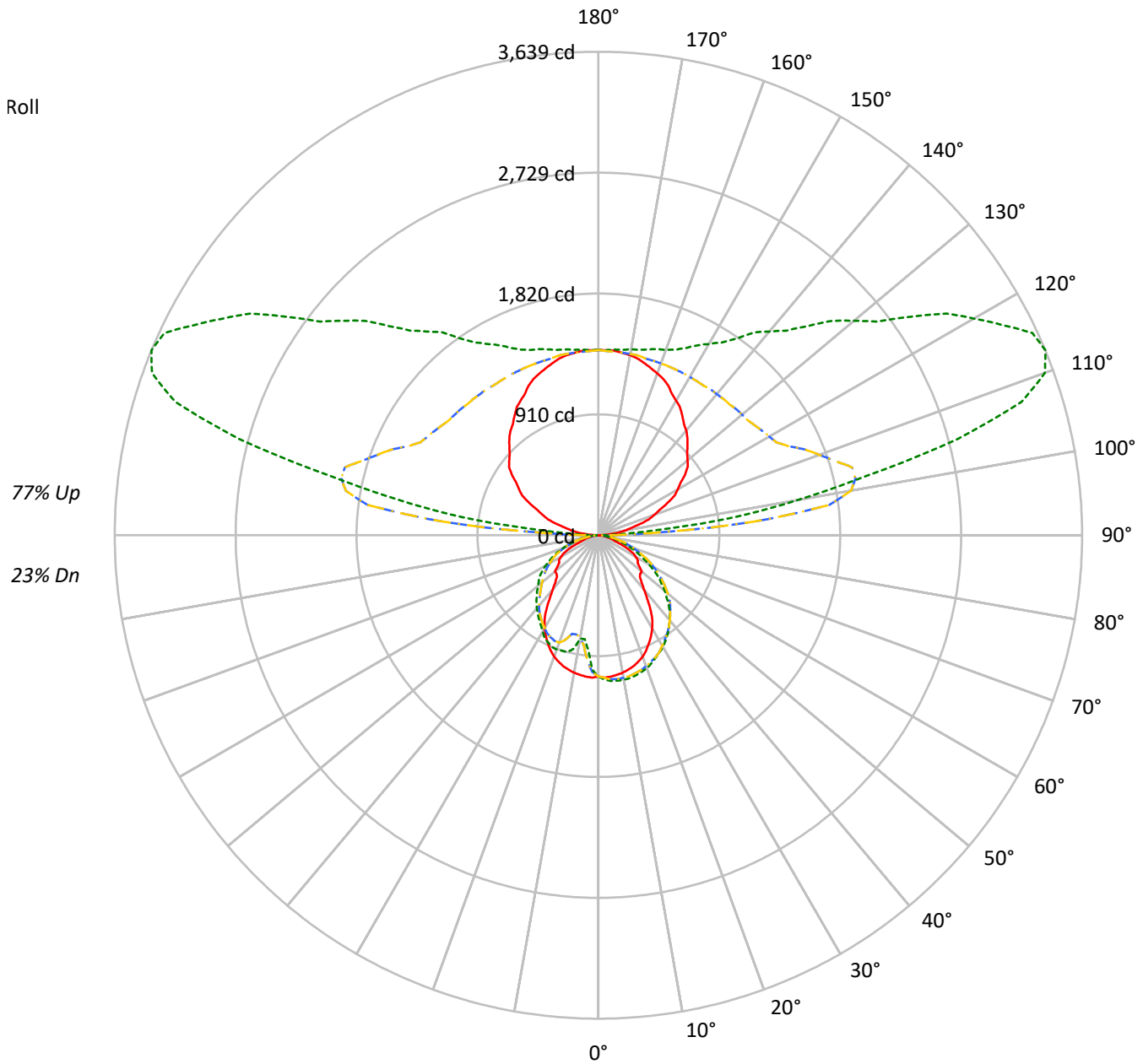
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11799.0 lumens
Efficiency: N/A
Efficacy: 141.5 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

TEST NUMBER: P935815
CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

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	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	32	32	32	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	27	27	27	20
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	23	23	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	19	19	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	16	16	16	12
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	14	14	14	10
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	12	12	12	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	11	11	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	10	10	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	9	9	9	6
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6578	6578	6578	6578
5°	6624	6640	6624	5221
10°	6578	6541	6578	4676
15°	6504	6399	6504	5343
20°	6365	6231	6365	5354
25°	6084	5987	6084	5241
30°	5722	5783	5722	4992
35°	5099	5526	5099	4718
40°	4246	5224	4246	4511
45°	3791	4869	3791	4273
50°	4025	4447	4025	4035
55°	3783	3991	3783	3897
60°	3895	3390	3895	3569
65°	3526	2802	3526	3132
70°	2435	2233	2435	2626
75°	2129	1650	2129	1976
80°	1702	1091	1702	1188
85°	960	577	960	491

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5815 cd/sqm



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.0	0.8
10°-20°	272.5	2.3
20°-30°	421.3	3.6
30°-40°	502.9	4.3
40°-50°	505.9	4.3
50°-60°	440.2	3.7
60°-70°	312.1	2.6
70°-80°	165.1	1.4
80°-90°	46.4	0.4
90°-100°	679.5	5.8
100°-110°	1786.4	15.1
110°-120°	1852.3	15.7
120°-130°	1485.8	12.6
130°-140°	1165.8	9.9
140°-150°	894.8	7.6
150°-160°	644.4	5.5
160°-170°	394.3	3.3
170°-180°	133.2	1.1
0°-30°	789.8	6.7
0°-40°	1292.7	11.0
0°-60°	2238.7	19.0
0°-90°	2762.3	23.4
90°-120°	4318.3	36.6
90°-150°	7864.8	66.7
90°-180°	9037.0	76.6
0°-180°	11799.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1063	1063	1063	1063	1063	
5°	1068	1102	1068	866	1068	101
15°	1020	1092	1020	911	1020	287
25°	898	1018	898	891	898	412
35°	683	908	683	776	683	423
45°	441	748	441	657	441	353
55°	359	552	359	539	359	330
65°	250	333	250	372	250	238
75°	95	158	95	189	95	99
85°	16	40	16	34	16	22
90°	9	36	9	36	9	8
95°	90	411	90	411	90	100
105°	322	2797	322	2797	322	341
115°	572	3602	572	3602	572	565
125°	795	2868	795	2868	795	706
135°	948	2226	948	2226	948	733
145°	1099	1806	1099	1806	1099	689
155°	1242	1555	1242	1555	1242	571
165°	1341	1448	1341	1448	1341	378
175°	1394	1403	1394	1403	1394	132
180°	1394	1394	1394	1394	1394	



TEST NUMBER: P935815
 CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1072.4	1072.4	1078.4	1080.4	1080.4	1077.4	1074.4	1077.4	1086.5	1089.5	1088.5
5°	1068.3	1076.4	1087.5	1089.5	1091.5	1090.5	1088.5	1090.5	1100.5	1102.6	1103.6
7.5°	1060.3	1075.4	1089.5	1092.5	1095.5	1092.5	1091.5	1093.5	1103.6	1105.6	1105.6
10°	1050.2	1071.4	1087.5	1089.5	1092.5	1089.5	1089.5	1093.5	1103.6	1105.6	1106.6
12.5°	1036.2	1065.3	1080.4	1082.4	1086.5	1085.5	1084.4	1088.5	1098.5	1100.5	1100.5
15°	1020.1	1054.3	1068.3	1070.4	1077.4	1075.4	1075.4	1079.4	1090.5	1093.5	1092.5
17.5°	997.9	1040.2	1056.3	1059.3	1064.3	1063.3	1064.3	1068.3	1078.4	1080.4	1081.4
20°	972.8	1021.1	1040.2	1043.2	1048.2	1048.2	1048.2	1053.3	1063.3	1067.3	1067.3
22.5°	938.6	1000.9	1021.1	1023.1	1029.1	1029.1	1031.1	1038.2	1047.2	1048.2	1048.2
25°	898.3	978.8	995.9	1002.0	1008.0	1011.0	1014.0	1018.1	1021.1	1020.1	1021.1
27.5°	856.1	950.6	972.8	976.8	984.9	987.9	991.9	992.9	993.9	996.9	994.9
30°	808.8	911.4	944.6	948.6	961.7	963.7	959.7	961.7	966.7	968.8	970.8
32.5°	755.5	853.1	915.4	924.5	936.6	930.5	929.5	932.5	940.6	940.6	942.6
35°	683.1	807.8	888.3	896.3	905.4	898.3	902.4	903.4	908.4	911.4	910.4
37.5°	603.6	768.6	860.1	866.1	873.2	864.1	870.2	873.2	877.2	875.2	875.2
40°	533.2	707.2	826.9	830.9	837.0	829.9	836.0	838.0	840.0	838.0	837.0
42.5°	480.9	639.8	791.7	796.7	792.7	797.7	799.8	803.8	800.8	796.7	796.7
45°	440.6	621.7	753.5	759.5	753.5	761.5	764.5	764.5	755.5	753.5	752.5
47.5°	427.5	585.5	715.3	715.3	712.2	722.3	727.3	720.3	711.2	708.2	708.2
50°	426.5	545.2	662.9	658.9	673.0	685.1	680.0	673.0	666.0	654.9	654.9
52.5°	387.3	495.9	595.5	610.6	632.8	639.8	631.8	624.7	612.6	607.6	603.6
55°	359.1	444.6	534.2	564.4	587.5	596.5	581.5	574.4	556.3	553.3	551.3
57.5°	353.1	370.2	477.8	516.1	544.2	543.2	534.2	521.1	506.0	503.0	502.0
60°	323.9	267.6	417.5	462.8	491.9	488.9	480.9	468.8	454.7	452.7	450.7
62.5°	293.7	194.2	349.1	400.4	441.6	440.6	433.6	415.5	405.4	400.4	396.4
65°	249.5	163.0	248.5	333.0	392.3	394.3	379.3	366.2	355.1	349.1	348.1
67.5°	190.1	132.8	168.0	277.7	345.1	343.0	323.9	317.9	303.8	300.8	294.8
70°	140.8	88.5	116.7	225.3	298.8	293.7	278.7	271.6	258.5	251.5	247.5
72.5°	116.7	71.4	85.5	175.0	251.5	245.5	232.4	224.3	213.3	207.2	203.2
75°	94.6	75.4	65.4	129.8	204.2	200.2	188.1	180.1	171.0	163.0	164.0
77.5°	69.4	70.4	52.3	95.6	162.0	155.9	148.9	138.8	134.8	126.8	126.8
80°	52.3	55.3	39.2	65.4	116.7	116.7	110.7	103.6	96.6	92.6	92.6
82.5°	35.2	35.2	29.2	41.2	79.5	76.5	72.4	70.4	66.4	64.4	64.4
85°	16.1	20.1	18.1	25.1	43.3	45.3	45.3	43.3	42.3	40.2	41.2
87.5°	5.0	9.1	11.1	14.1	22.1	23.1	24.1	24.1	24.1	25.1	25.1
90°	9.4	16.9	24.3	26.2	41.2	61.1	71.1	63.2	47.4	35.6	35.6
92.5°	37.4	101.0	164.7	180.6	253.9	351.6	400.4	350.9	252.0	177.8	170.7
95°	89.8	206.2	322.7	351.8	624.7	988.5	1170.4	1044.4	792.4	603.4	582.0
97.5°	155.3	258.0	360.7	386.4	841.4	1448.1	1751.4	1671.8	1512.5	1393.1	1352.3
100°	205.8	299.0	392.1	415.4	920.3	1593.5	1930.1	1935.9	1947.6	1956.3	1907.8
102.5°	248.9	335.8	422.7	444.4	956.5	1639.2	1980.6	2082.0	2284.9	2437.1	2395.5
105°	321.8	395.4	469.0	487.4	983.3	1644.4	1975.0	2202.4	2657.3	2998.5	2976.1
107.5°	396.7	465.3	533.9	551.0	988.2	1571.2	1862.7	2180.0	2814.5	3290.4	3295.8
110°	447.2	509.2	571.1	586.6	980.8	1506.3	1769.1	2123.8	2833.2	3365.2	3388.5



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	496.8	555.8	614.8	629.6	981.1	1449.7	1684.0	2047.0	2773.0	3317.5	3353.3
115°	571.6	626.1	680.6	694.2	990.1	1384.7	1582.0	1931.7	2631.1	3155.6	3205.2
117.5°	645.5	695.0	744.5	756.9	1008.6	1344.1	1511.9	1827.5	2458.6	2932.0	2987.0
120°	688.6	735.2	781.8	793.4	1023.5	1330.4	1483.8	1772.2	2348.9	2781.4	2834.8
122.5°	730.7	777.7	824.7	836.4	1045.0	1323.2	1462.3	1722.0	2241.3	2630.8	2683.5
125°	795.2	838.0	880.9	891.6	1074.0	1317.3	1438.9	1659.5	2100.6	2431.5	2480.0
127.5°	847.6	890.8	934.1	944.9	1103.0	1313.8	1419.2	1608.6	1987.4	2271.5	2312.5
130°	875.7	922.3	968.9	980.5	1124.3	1316.0	1411.8	1580.4	1917.6	2170.5	2208.3
132.5°	904.7	951.3	997.9	1009.5	1141.4	1317.3	1405.2	1556.1	1858.0	2084.4	2118.3
135°	947.7	990.1	1032.6	1043.2	1160.1	1316.0	1394.0	1520.4	1773.2	1962.8	1992.0
137.5°	991.7	1033.7	1075.7	1086.2	1188.2	1324.1	1392.1	1499.0	1712.7	1873.0	1896.9
140°	1028.2	1066.9	1105.5	1115.2	1205.3	1325.5	1385.6	1477.9	1662.5	1801.0	1823.3
142.5°	1056.2	1092.0	1127.8	1136.7	1219.7	1330.3	1385.6	1466.7	1628.8	1750.4	1769.6
145°	1099.3	1130.5	1161.7	1169.5	1238.4	1330.3	1376.2	1442.5	1575.2	1674.7	1689.2
147.5°	1142.3	1172.7	1203.0	1210.6	1265.8	1339.4	1376.2	1428.4	1532.7	1611.0	1623.1
150°	1170.4	1197.8	1225.2	1232.1	1280.1	1344.2	1376.2	1420.3	1508.4	1574.5	1584.3
152.5°	1199.4	1220.2	1241.0	1246.2	1289.5	1347.3	1376.2	1413.8	1489.1	1545.5	1552.9
155°	1242.4	1257.8	1273.2	1277.0	1310.1	1354.2	1376.2	1406.1	1466.0	1510.9	1515.8
157.5°	1274.2	1289.2	1304.2	1307.9	1330.7	1361.0	1376.2	1399.5	1446.1	1481.0	1484.4
160°	1295.8	1307.4	1319.0	1321.9	1340.0	1364.1	1376.2	1396.2	1436.1	1466.0	1468.0
162.5°	1317.3	1326.0	1334.7	1336.9	1350.0	1367.5	1376.2	1393.0	1426.7	1452.0	1453.9
165°	1340.7	1348.6	1356.4	1358.4	1364.3	1372.2	1376.2	1388.3	1412.4	1430.5	1432.5
167.5°	1362.2	1365.9	1369.7	1370.6	1375.6	1382.3	1385.6	1393.5	1409.3	1421.1	1421.9
170°	1376.2	1379.9	1383.7	1384.6	1384.9	1385.4	1385.6	1393.5	1409.3	1421.1	1421.1
172.5°	1383.7	1384.5	1385.4	1385.6	1385.6	1385.6	1385.6	1391.8	1404.3	1413.6	1412.9
175°	1394.0	1394.0	1394.0	1394.0	1391.2	1387.5	1385.6	1389.5	1397.4	1403.3	1403.3
177.5°	1394.0	1394.0	1394.0	1394.0	1391.8	1388.9	1387.4	1390.5	1396.8	1401.5	1400.7
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1090.5	1087.5	1090.5	1088.5	1089.5	1086.5	1077.4	1074.4	1077.4	1080.4	1080.4
5°	1103.6	1101.5	1103.6	1103.6	1102.6	1100.5	1090.5	1088.5	1090.5	1091.5	1089.5
7.5°	1107.6	1104.6	1107.6	1105.6	1105.6	1103.6	1093.5	1091.5	1092.5	1095.5	1092.5
10°	1107.6	1104.6	1107.6	1106.6	1105.6	1103.6	1093.5	1089.5	1089.5	1092.5	1089.5
12.5°	1102.6	1100.5	1102.6	1100.5	1100.5	1098.5	1088.5	1084.4	1085.5	1086.5	1082.4
15°	1094.5	1091.5	1094.5	1092.5	1093.5	1090.5	1079.4	1075.4	1075.4	1077.4	1070.4
17.5°	1082.4	1078.4	1082.4	1081.4	1080.4	1078.4	1068.3	1064.3	1063.3	1064.3	1059.3
20°	1068.3	1065.3	1068.3	1067.3	1067.3	1063.3	1053.3	1048.2	1048.2	1048.2	1043.2
22.5°	1046.2	1043.2	1046.2	1048.2	1048.2	1047.2	1038.2	1031.1	1029.1	1029.1	1023.1
25°	1021.1	1018.1	1021.1	1021.1	1020.1	1021.1	1018.1	1014.0	1011.0	1008.0	1002.0
27.5°	996.9	994.9	996.9	994.9	996.9	993.9	992.9	991.9	987.9	984.9	976.8
30°	972.8	970.8	972.8	970.8	968.8	966.7	961.7	959.7	963.7	961.7	948.6
32.5°	942.6	940.6	942.6	942.6	940.6	940.6	932.5	929.5	930.5	936.6	924.5
35°	911.4	908.4	911.4	910.4	911.4	908.4	903.4	902.4	898.3	905.4	896.3
37.5°	875.2	872.2	875.2	875.2	875.2	877.2	873.2	870.2	864.1	873.2	866.1
40°	838.0	834.0	838.0	837.0	838.0	840.0	838.0	836.0	829.9	837.0	830.9
42.5°	795.7	794.7	795.7	796.7	796.7	800.8	803.8	799.8	797.7	792.7	796.7
45°	750.5	748.4	750.5	752.5	753.5	755.5	764.5	764.5	761.5	753.5	759.5
47.5°	702.2	697.1	702.2	708.2	708.2	711.2	720.3	727.3	722.3	712.2	715.3
50°	650.9	651.9	650.9	654.9	654.9	666.0	673.0	680.0	685.1	673.0	658.9
52.5°	600.6	599.6	600.6	603.6	607.6	612.6	624.7	631.8	639.8	632.8	610.6
55°	550.3	552.3	550.3	551.3	553.3	556.3	574.4	581.5	596.5	587.5	564.4
57.5°	500.0	497.0	500.0	502.0	503.0	506.0	521.1	534.2	543.2	544.2	516.1
60°	441.6	437.6	441.6	450.7	452.7	454.7	468.8	480.9	488.9	491.9	462.8
62.5°	390.3	383.3	390.3	396.4	400.4	405.4	415.5	433.6	440.6	441.6	400.4
65°	336.0	333.0	336.0	348.1	349.1	355.1	366.2	379.3	394.3	392.3	333.0
67.5°	286.7	286.7	286.7	294.8	300.8	303.8	317.9	323.9	343.0	345.1	277.7
70°	241.4	240.4	241.4	247.5	251.5	258.5	271.6	278.7	293.7	298.8	225.3
72.5°	198.2	197.2	198.2	203.2	207.2	213.3	224.3	232.4	245.5	251.5	175.0
75°	160.0	157.9	160.0	164.0	163.0	171.0	180.1	188.1	200.2	204.2	129.8
77.5°	122.7	122.7	122.7	126.8	126.8	134.8	138.8	148.9	155.9	162.0	95.6
80°	91.5	90.5	91.5	92.6	92.6	96.6	103.6	110.7	116.7	116.7	65.4
82.5°	64.4	62.4	64.4	64.4	64.4	66.4	70.4	72.4	76.5	79.5	41.2
85°	40.2	40.2	40.2	41.2	40.2	42.3	43.3	45.3	45.3	43.3	25.1
87.5°	26.2	25.1	26.2	25.1	25.1	24.1	24.1	24.1	23.1	22.1	14.1
90°	35.6	35.6	35.6	35.6	35.6	47.4	63.2	71.1	61.1	41.2	26.2
92.5°	142.4	114.1	142.4	170.7	177.8	252.0	350.9	400.4	351.6	253.9	180.6
95°	496.3	410.7	496.3	582.0	603.4	792.4	1044.4	1170.4	988.5	624.7	351.8
97.5°	1189.3	1026.3	1189.3	1352.3	1393.1	1512.5	1671.8	1751.4	1448.1	841.4	386.4
100°	1713.6	1519.4	1713.6	1907.8	1956.3	1947.6	1935.9	1930.1	1593.5	920.3	415.4
102.5°	2229.2	2062.9	2229.2	2395.5	2437.1	2284.9	2082.0	1980.6	1639.2	956.5	444.4
105°	2886.7	2797.3	2886.7	2976.1	2998.5	2657.3	2202.4	1975.0	1644.4	983.3	487.4
107.5°	3317.4	3339.0	3317.4	3295.8	3290.4	2814.5	2180.0	1862.7	1571.2	988.2	551.0
110°	3481.6	3574.8	3481.6	3388.5	3365.2	2833.2	2123.8	1769.1	1506.3	980.8	586.6



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3496.3	3639.3	3496.3	3353.3	3317.5	2773.0	2047.0	1684.0	1449.7	981.1	629.6
115°	3403.5	3601.9	3403.5	3205.2	3155.6	2631.1	1931.7	1582.0	1384.7	990.1	694.2
117.5°	3207.0	3427.0	3207.0	2987.0	2932.0	2458.6	1827.5	1511.9	1344.1	1008.6	756.9
120°	3048.6	3262.3	3048.6	2834.8	2781.4	2348.9	1772.2	1483.8	1330.4	1023.5	793.4
122.5°	2894.3	3105.1	2894.3	2683.5	2630.8	2241.3	1722.0	1462.3	1323.2	1045.0	836.4
125°	2674.2	2868.4	2674.2	2480.0	2431.5	2100.6	1659.5	1438.9	1317.3	1074.0	891.6
127.5°	2476.3	2640.2	2476.3	2312.5	2271.5	1987.4	1608.6	1419.2	1313.8	1103.0	944.9
130°	2359.7	2511.0	2359.7	2208.3	2170.5	1917.6	1580.4	1411.8	1316.0	1124.3	980.5
132.5°	2253.8	2389.4	2253.8	2118.3	2084.4	1858.0	1556.1	1405.2	1317.3	1141.4	1009.5
135°	2108.9	2225.7	2108.9	1992.0	1962.8	1773.2	1520.4	1394.0	1316.0	1160.1	1043.2
137.5°	1992.6	2088.2	1992.6	1896.9	1873.0	1712.7	1499.0	1392.1	1324.1	1188.2	1086.2
140°	1912.7	2002.1	1912.7	1823.3	1801.0	1662.5	1477.9	1385.6	1325.5	1205.3	1115.2
142.5°	1846.6	1923.5	1846.6	1769.6	1750.4	1628.8	1466.7	1385.6	1330.3	1219.7	1136.7
145°	1747.4	1805.6	1747.4	1689.2	1674.7	1575.2	1442.5	1376.2	1330.3	1238.4	1169.5
147.5°	1671.3	1719.6	1671.3	1623.1	1611.0	1532.7	1428.4	1376.2	1339.4	1265.8	1210.6
150°	1623.4	1662.5	1623.4	1584.3	1574.5	1508.4	1420.3	1376.2	1344.2	1280.1	1232.1
152.5°	1582.4	1612.0	1582.4	1552.9	1545.5	1489.1	1413.8	1376.2	1347.3	1289.5	1246.2
155°	1535.3	1554.9	1535.3	1515.8	1510.9	1466.0	1406.1	1376.2	1354.2	1310.1	1277.0
157.5°	1498.2	1511.9	1498.2	1484.4	1481.0	1446.1	1399.5	1376.2	1361.0	1330.7	1307.9
160°	1475.9	1483.8	1475.9	1468.0	1466.0	1436.1	1396.2	1376.2	1364.1	1340.0	1321.9
162.5°	1461.3	1468.8	1461.3	1453.9	1452.0	1426.7	1393.0	1376.2	1367.5	1350.0	1336.9
165°	1440.3	1448.2	1440.3	1432.5	1430.5	1412.4	1388.3	1376.2	1372.2	1364.3	1358.4
167.5°	1425.3	1428.6	1425.3	1421.9	1421.1	1409.3	1393.5	1385.6	1382.3	1375.6	1370.6
170°	1421.1	1421.1	1421.1	1421.1	1421.1	1409.3	1393.5	1385.6	1385.4	1384.9	1384.6
172.5°	1410.0	1407.1	1410.0	1412.9	1413.6	1404.3	1391.8	1385.6	1385.6	1385.6	1385.6
175°	1403.3	1403.3	1403.3	1403.3	1403.3	1397.4	1389.5	1385.6	1387.5	1391.2	1394.0
177.5°	1397.3	1394.0	1397.3	1400.7	1401.5	1396.8	1390.5	1387.4	1388.9	1391.8	1394.0
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935815
 CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1078.4	1072.4	1072.4	1062.3	1058.3	1055.3	1050.2	1035.2	1031.1	1027.1	1033.1
5°	1087.5	1076.4	1068.3	1050.2	1035.2	1029.1	1010.0	973.8	949.6	931.5	921.5
7.5°	1089.5	1075.4	1060.3	1032.1	995.9	979.8	921.5	855.1	837.0	820.9	810.8
10°	1087.5	1071.4	1050.2	1008.0	922.5	894.3	836.0	792.7	781.6	778.6	781.6
12.5°	1080.4	1065.3	1036.2	965.7	846.0	826.9	792.7	767.6	765.5	770.6	797.7
15°	1068.3	1054.3	1020.1	909.4	803.8	789.7	765.5	756.5	767.6	802.8	884.3
17.5°	1056.3	1040.2	997.9	854.1	771.6	761.5	744.4	762.5	824.9	872.2	899.3
20°	1040.2	1021.1	972.8	813.8	748.4	739.4	731.3	812.8	860.1	877.2	892.3
22.5°	1021.1	1000.9	938.6	785.7	724.3	717.3	722.3	841.0	860.1	872.2	885.3
25°	995.9	978.8	898.3	763.5	705.2	697.1	716.3	838.0	849.0	852.1	878.2
27.5°	972.8	950.6	856.1	743.4	682.1	679.0	721.3	824.9	833.0	836.0	864.1
30°	944.6	911.4	808.8	722.3	657.9	656.9	722.3	808.8	806.8	814.8	843.0
32.5°	915.4	853.1	755.5	696.1	634.8	633.8	715.3	784.7	782.7	793.7	814.8
35°	888.3	807.8	683.1	666.0	605.6	606.6	698.1	756.5	757.5	767.6	780.6
37.5°	860.1	768.6	603.6	632.8	577.4	577.4	675.0	730.3	728.3	731.3	749.5
40°	826.9	707.2	533.2	589.5	551.3	548.3	646.8	702.2	695.1	694.1	719.3
42.5°	791.7	639.8	480.9	532.2	521.1	517.1	612.6	668.0	654.9	657.9	690.1
45°	753.5	621.7	440.6	449.7	489.9	486.9	575.4	628.7	619.7	627.7	660.9
47.5°	715.3	585.5	427.5	373.2	456.7	455.7	534.2	590.5	585.5	593.5	628.7
50°	662.9	545.2	426.5	319.9	419.5	423.5	484.9	553.3	553.3	560.3	597.6
52.5°	595.5	495.9	387.3	289.7	376.2	388.3	441.6	521.1	523.1	530.2	563.3
55°	534.2	444.6	359.1	266.6	324.9	351.1	399.4	487.9	491.9	499.0	529.1
57.5°	477.8	370.2	353.1	239.4	277.7	302.8	362.2	455.7	457.7	463.8	492.9
60°	417.5	267.6	323.9	210.2	236.4	255.5	327.9	417.5	424.5	428.5	453.7
62.5°	349.1	194.2	293.7	190.1	216.3	220.3	299.8	381.3	390.3	393.3	408.4
65°	248.5	163.0	249.5	173.0	195.2	196.2	269.6	344.0	352.1	357.1	368.2
67.5°	168.0	132.8	190.1	156.9	179.1	180.1	240.4	300.8	311.9	315.9	322.9
70°	116.7	88.5	140.8	139.8	161.0	163.0	209.2	261.6	271.6	274.6	278.7
72.5°	85.5	71.4	116.7	125.7	141.8	143.9	177.1	217.3	227.4	230.4	232.4
75°	65.4	75.4	94.6	109.7	120.7	121.7	144.9	177.1	184.1	186.1	187.1
77.5°	52.3	70.4	69.4	88.5	98.6	96.6	113.7	136.8	142.8	142.8	142.8
80°	39.2	55.3	52.3	63.4	72.4	70.4	81.5	97.6	99.6	101.6	100.6
82.5°	29.2	35.2	35.2	40.2	48.3	46.3	54.3	63.4	63.4	63.4	65.4
85°	18.1	20.1	16.1	21.1	27.2	26.2	30.2	34.2	35.2	35.2	33.2
87.5°	11.1	9.1	5.0	8.0	12.1	12.1	14.1	15.1	14.1	14.1	14.1
90°	24.3	16.9	9.4	16.9	24.3	26.2	41.2	61.1	71.1	63.2	47.4
92.5°	164.7	101.0	37.4	101.0	164.7	180.6	253.9	351.6	400.4	350.9	252.0
95°	322.7	206.2	89.8	206.2	322.7	351.8	624.7	988.5	1170.4	1044.4	792.4
97.5°	360.7	258.0	155.3	258.0	360.7	386.4	841.4	1448.1	1751.4	1671.8	1512.5
100°	392.1	299.0	205.8	299.0	392.1	415.4	920.3	1593.5	1930.1	1935.9	1947.6
102.5°	422.7	335.8	248.9	335.8	422.7	444.4	956.5	1639.2	1980.6	2082.0	2284.9
105°	469.0	395.4	321.8	395.4	469.0	487.4	983.3	1644.4	1975.0	2202.4	2657.3
107.5°	533.9	465.3	396.7	465.3	533.9	551.0	988.2	1571.2	1862.7	2180.0	2814.5
110°	571.1	509.2	447.2	509.2	571.1	586.6	980.8	1506.3	1769.1	2123.8	2833.2



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	614.8	555.8	496.8	555.8	614.8	629.6	981.1	1449.7	1684.0	2047.0	2773.0
115°	680.6	626.1	571.6	626.1	680.6	694.2	990.1	1384.7	1582.0	1931.7	2631.1
117.5°	744.5	695.0	645.5	695.0	744.5	756.9	1008.6	1344.1	1511.9	1827.5	2458.6
120°	781.8	735.2	688.6	735.2	781.8	793.4	1023.5	1330.4	1483.8	1772.2	2348.9
122.5°	824.7	777.7	730.7	777.7	824.7	836.4	1045.0	1323.2	1462.3	1722.0	2241.3
125°	880.9	838.0	795.2	838.0	880.9	891.6	1074.0	1317.3	1438.9	1659.5	2100.6
127.5°	934.1	890.8	847.6	890.8	934.1	944.9	1103.0	1313.8	1419.2	1608.6	1987.4
130°	968.9	922.3	875.7	922.3	968.9	980.5	1124.3	1316.0	1411.8	1580.4	1917.6
132.5°	997.9	951.3	904.7	951.3	997.9	1009.5	1141.4	1317.3	1405.2	1556.1	1858.0
135°	1032.6	990.1	947.7	990.1	1032.6	1043.2	1160.1	1316.0	1394.0	1520.4	1773.2
137.5°	1075.7	1033.7	991.7	1033.7	1075.7	1086.2	1188.2	1324.1	1392.1	1499.0	1712.7
140°	1105.5	1066.9	1028.2	1066.9	1105.5	1115.2	1205.3	1325.5	1385.6	1477.9	1662.5
142.5°	1127.8	1092.0	1056.2	1092.0	1127.8	1136.7	1219.7	1330.3	1385.6	1466.7	1628.8
145°	1161.7	1130.5	1099.3	1130.5	1161.7	1169.5	1238.4	1330.3	1376.2	1442.5	1575.2
147.5°	1203.0	1172.7	1142.3	1172.7	1203.0	1210.6	1265.8	1339.4	1376.2	1428.4	1532.7
150°	1225.2	1197.8	1170.4	1197.8	1225.2	1232.1	1280.1	1344.2	1376.2	1420.3	1508.4
152.5°	1241.0	1220.2	1199.4	1220.2	1241.0	1246.2	1289.5	1347.3	1376.2	1413.8	1489.1
155°	1273.2	1257.8	1242.4	1257.8	1273.2	1277.0	1310.1	1354.2	1376.2	1406.1	1466.0
157.5°	1304.2	1289.2	1274.2	1289.2	1304.2	1307.9	1330.7	1361.0	1376.2	1399.5	1446.1
160°	1319.0	1307.4	1295.8	1307.4	1319.0	1321.9	1340.0	1364.1	1376.2	1396.2	1436.1
162.5°	1334.7	1326.0	1317.3	1326.0	1334.7	1336.9	1350.0	1367.5	1376.2	1393.0	1426.7
165°	1356.4	1348.6	1340.7	1348.6	1356.4	1358.4	1364.3	1372.2	1376.2	1388.3	1412.4
167.5°	1369.7	1365.9	1362.2	1365.9	1369.7	1370.6	1375.6	1382.3	1385.6	1393.5	1409.3
170°	1383.7	1379.9	1376.2	1379.9	1383.7	1384.6	1384.9	1385.4	1385.6	1393.5	1409.3
172.5°	1385.4	1384.5	1383.7	1384.5	1385.4	1385.6	1385.6	1385.6	1385.6	1391.8	1404.3
175°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1391.2	1387.5	1385.6	1389.5	1397.4
177.5°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1391.8	1388.9	1387.4	1390.5	1396.8
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935815
 CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1026.1	1023.1	1027.1	1016.0	1027.1	1023.1	1026.1	1033.1	1027.1	1031.1	1035.2
5°	900.4	895.3	879.2	866.1	879.2	895.3	900.4	921.5	931.5	949.6	973.8
7.5°	804.8	800.8	796.7	788.7	796.7	800.8	804.8	810.8	820.9	837.0	855.1
10°	783.7	784.7	790.7	789.7	790.7	784.7	783.7	781.6	778.6	781.6	792.7
12.5°	838.0	847.0	880.2	878.2	880.2	847.0	838.0	797.7	770.6	765.5	767.6
15°	900.4	903.4	910.4	911.4	910.4	903.4	900.4	884.3	802.8	767.6	756.5
17.5°	906.4	907.4	912.4	912.4	912.4	907.4	906.4	899.3	872.2	824.9	762.5
20°	901.4	903.4	913.4	915.4	913.4	903.4	901.4	892.3	877.2	860.1	812.8
22.5°	899.3	903.4	911.4	910.4	911.4	903.4	899.3	885.3	872.2	860.1	841.0
25°	889.3	889.3	890.3	891.3	890.3	889.3	889.3	878.2	852.1	849.0	838.0
27.5°	868.2	870.2	876.2	875.2	876.2	870.2	868.2	864.1	836.0	833.0	824.9
30°	849.0	847.0	842.0	838.0	842.0	847.0	849.0	843.0	814.8	806.8	808.8
32.5°	816.9	811.8	806.8	803.8	806.8	811.8	816.9	814.8	793.7	782.7	784.7
35°	778.6	779.6	778.6	775.6	778.6	779.6	778.6	780.6	767.6	757.5	756.5
37.5°	751.5	753.5	752.5	748.4	752.5	753.5	751.5	749.5	731.3	728.3	730.3
40°	723.3	724.3	723.3	720.3	723.3	724.3	723.3	719.3	694.1	695.1	702.2
42.5°	696.1	695.1	692.1	690.1	692.1	695.1	696.1	690.1	657.9	654.9	668.0
45°	665.0	666.0	659.9	656.9	659.9	666.0	665.0	660.9	627.7	619.7	628.7
47.5°	633.8	633.8	628.7	625.7	628.7	633.8	633.8	628.7	593.5	585.5	590.5
50°	600.6	599.6	592.5	591.5	592.5	599.6	600.6	597.6	560.3	553.3	553.3
52.5°	562.3	562.3	563.3	565.4	563.3	562.3	562.3	563.3	530.2	523.1	521.1
55°	529.1	530.2	537.2	539.2	537.2	530.2	529.1	529.1	499.0	491.9	487.9
57.5°	494.9	494.9	500.0	500.0	500.0	494.9	494.9	492.9	463.8	457.7	455.7
60°	455.7	457.7	461.7	460.7	461.7	457.7	455.7	453.7	428.5	424.5	417.5
62.5°	414.5	416.5	417.5	415.5	417.5	416.5	414.5	408.4	393.3	390.3	381.3
65°	371.2	373.2	374.2	372.2	374.2	373.2	371.2	368.2	357.1	352.1	344.0
67.5°	326.9	325.9	324.9	329.0	324.9	325.9	326.9	322.9	315.9	311.9	300.8
70°	281.7	281.7	280.7	282.7	280.7	281.7	281.7	278.7	274.6	271.6	261.6
72.5°	233.4	232.4	236.4	233.4	236.4	232.4	233.4	232.4	230.4	227.4	217.3
75°	186.1	188.1	186.1	189.1	186.1	188.1	186.1	187.1	186.1	184.1	177.1
77.5°	141.8	143.9	141.8	141.8	141.8	143.9	141.8	142.8	142.8	142.8	136.8
80°	100.6	99.6	99.6	98.6	99.6	99.6	100.6	100.6	101.6	99.6	97.6
82.5°	64.4	63.4	63.4	65.4	63.4	63.4	64.4	65.4	63.4	63.4	63.4
85°	35.2	36.2	34.2	34.2	34.2	36.2	35.2	33.2	35.2	35.2	34.2
87.5°	13.1	12.1	12.1	12.1	12.1	12.1	13.1	14.1	14.1	14.1	15.1
90°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	47.4	63.2	71.1	61.1
92.5°	177.8	170.7	142.4	114.1	142.4	170.7	177.8	252.0	350.9	400.4	351.6
95°	603.4	582.0	496.3	410.7	496.3	582.0	603.4	792.4	1044.4	1170.4	988.5
97.5°	1393.1	1352.3	1189.3	1026.3	1189.3	1352.3	1393.1	1512.5	1671.8	1751.4	1448.1
100°	1956.3	1907.8	1713.6	1519.4	1713.6	1907.8	1956.3	1947.6	1935.9	1930.1	1593.5
102.5°	2437.1	2395.5	2229.2	2062.9	2229.2	2395.5	2437.1	2284.9	2082.0	1980.6	1639.2
105°	2998.5	2976.1	2886.7	2797.3	2886.7	2976.1	2998.5	2657.3	2202.4	1975.0	1644.4
107.5°	3290.4	3295.8	3317.4	3339.0	3317.4	3295.8	3290.4	2814.5	2180.0	1862.7	1571.2
110°	3365.2	3388.5	3481.6	3574.8	3481.6	3388.5	3365.2	2833.2	2123.8	1769.1	1506.3



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3317.5	3353.3	3496.3	3639.3	3496.3	3353.3	3317.5	2773.0	2047.0	1684.0	1449.7
115°	3155.6	3205.2	3403.5	3601.9	3403.5	3205.2	3155.6	2631.1	1931.7	1582.0	1384.7
117.5°	2932.0	2987.0	3207.0	3427.0	3207.0	2987.0	2932.0	2458.6	1827.5	1511.9	1344.1
120°	2781.4	2834.8	3048.6	3262.3	3048.6	2834.8	2781.4	2348.9	1772.2	1483.8	1330.4
122.5°	2630.8	2683.5	2894.3	3105.1	2894.3	2683.5	2630.8	2241.3	1722.0	1462.3	1323.2
125°	2431.5	2480.0	2674.2	2868.4	2674.2	2480.0	2431.5	2100.6	1659.5	1438.9	1317.3
127.5°	2271.5	2312.5	2476.3	2640.2	2476.3	2312.5	2271.5	1987.4	1608.6	1419.2	1313.8
130°	2170.5	2208.3	2359.7	2511.0	2359.7	2208.3	2170.5	1917.6	1580.4	1411.8	1316.0
132.5°	2084.4	2118.3	2253.8	2389.4	2253.8	2118.3	2084.4	1858.0	1556.1	1405.2	1317.3
135°	1962.8	1992.0	2108.9	2225.7	2108.9	1992.0	1962.8	1773.2	1520.4	1394.0	1316.0
137.5°	1873.0	1896.9	1992.6	2088.2	1992.6	1896.9	1873.0	1712.7	1499.0	1392.1	1324.1
140°	1801.0	1823.3	1912.7	2002.1	1912.7	1823.3	1801.0	1662.5	1477.9	1385.6	1325.5
142.5°	1750.4	1769.6	1846.6	1923.5	1846.6	1769.6	1750.4	1628.8	1466.7	1385.6	1330.3
145°	1674.7	1689.2	1747.4	1805.6	1747.4	1689.2	1674.7	1575.2	1442.5	1376.2	1330.3
147.5°	1611.0	1623.1	1671.3	1719.6	1671.3	1623.1	1611.0	1532.7	1428.4	1376.2	1339.4
150°	1574.5	1584.3	1623.4	1662.5	1623.4	1584.3	1574.5	1508.4	1420.3	1376.2	1344.2
152.5°	1545.5	1552.9	1582.4	1612.0	1582.4	1552.9	1545.5	1489.1	1413.8	1376.2	1347.3
155°	1510.9	1515.8	1535.3	1554.9	1535.3	1515.8	1510.9	1466.0	1406.1	1376.2	1354.2
157.5°	1481.0	1484.4	1498.2	1511.9	1498.2	1484.4	1481.0	1446.1	1399.5	1376.2	1361.0
160°	1466.0	1468.0	1475.9	1483.8	1475.9	1468.0	1466.0	1436.1	1396.2	1376.2	1364.1
162.5°	1452.0	1453.9	1461.3	1468.8	1461.3	1453.9	1452.0	1426.7	1393.0	1376.2	1367.5
165°	1430.5	1432.5	1440.3	1448.2	1440.3	1432.5	1430.5	1412.4	1388.3	1376.2	1372.2
167.5°	1421.1	1421.9	1425.3	1428.6	1425.3	1421.9	1421.1	1409.3	1393.5	1385.6	1382.3
170°	1421.1	1421.1	1421.1	1421.1	1421.1	1421.1	1421.1	1409.3	1393.5	1385.6	1385.4
172.5°	1413.6	1412.9	1410.0	1407.1	1410.0	1412.9	1413.6	1404.3	1391.8	1385.6	1385.6
175°	1403.3	1403.3	1403.3	1403.3	1403.3	1403.3	1403.3	1397.4	1389.5	1385.6	1387.5
177.5°	1401.5	1400.7	1397.3	1394.0	1397.3	1400.7	1401.5	1396.8	1390.5	1387.4	1388.9
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935815
 CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1050.2	1055.3	1058.3	1062.3	1072.4
5°	1010.0	1029.1	1035.2	1050.2	1068.3
7.5°	921.5	979.8	995.9	1032.1	1060.3
10°	836.0	894.3	922.5	1008.0	1050.2
12.5°	792.7	826.9	846.0	965.7	1036.2
15°	765.5	789.7	803.8	909.4	1020.1
17.5°	744.4	761.5	771.6	854.1	997.9
20°	731.3	739.4	748.4	813.8	972.8
22.5°	722.3	717.3	724.3	785.7	938.6
25°	716.3	697.1	705.2	763.5	898.3
27.5°	721.3	679.0	682.1	743.4	856.1
30°	722.3	656.9	657.9	722.3	808.8
32.5°	715.3	633.8	634.8	696.1	755.5
35°	698.1	606.6	605.6	666.0	683.1
37.5°	675.0	577.4	577.4	632.8	603.6
40°	646.8	548.3	551.3	589.5	533.2
42.5°	612.6	517.1	521.1	532.2	480.9
45°	575.4	486.9	489.9	449.7	440.6
47.5°	534.2	455.7	456.7	373.2	427.5
50°	484.9	423.5	419.5	319.9	426.5
52.5°	441.6	388.3	376.2	289.7	387.3
55°	399.4	351.1	324.9	266.6	359.1
57.5°	362.2	302.8	277.7	239.4	353.1
60°	327.9	255.5	236.4	210.2	323.9
62.5°	299.8	220.3	216.3	190.1	293.7
65°	269.6	196.2	195.2	173.0	249.5
67.5°	240.4	180.1	179.1	156.9	190.1
70°	209.2	163.0	161.0	139.8	140.8
72.5°	177.1	143.9	141.8	125.7	116.7
75°	144.9	121.7	120.7	109.7	94.6
77.5°	113.7	96.6	98.6	88.5	69.4
80°	81.5	70.4	72.4	63.4	52.3
82.5°	54.3	46.3	48.3	40.2	35.2
85°	30.2	26.2	27.2	21.1	16.1
87.5°	14.1	12.1	12.1	8.0	5.0
90°	41.2	26.2	24.3	16.9	9.4
92.5°	253.9	180.6	164.7	101.0	37.4
95°	624.7	351.8	322.7	206.2	89.8
97.5°	841.4	386.4	360.7	258.0	155.3
100°	920.3	415.4	392.1	299.0	205.8
102.5°	956.5	444.4	422.7	335.8	248.9
105°	983.3	487.4	469.0	395.4	321.8
107.5°	988.2	551.0	533.9	465.3	396.7
110°	980.8	586.6	571.1	509.2	447.2



TEST NUMBER: P935815

CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	981.1	629.6	614.8	555.8	496.8
115°	990.1	694.2	680.6	626.1	571.6
117.5°	1008.6	756.9	744.5	695.0	645.5
120°	1023.5	793.4	781.8	735.2	688.6
122.5°	1045.0	836.4	824.7	777.7	730.7
125°	1074.0	891.6	880.9	838.0	795.2
127.5°	1103.0	944.9	934.1	890.8	847.6
130°	1124.3	980.5	968.9	922.3	875.7
132.5°	1141.4	1009.5	997.9	951.3	904.7
135°	1160.1	1043.2	1032.6	990.1	947.7
137.5°	1188.2	1086.2	1075.7	1033.7	991.7
140°	1205.3	1115.2	1105.5	1066.9	1028.2
142.5°	1219.7	1136.7	1127.8	1092.0	1056.2
145°	1238.4	1169.5	1161.7	1130.5	1099.3
147.5°	1265.8	1210.6	1203.0	1172.7	1142.3
150°	1280.1	1232.1	1225.2	1197.8	1170.4
152.5°	1289.5	1246.2	1241.0	1220.2	1199.4
155°	1310.1	1277.0	1273.2	1257.8	1242.4
157.5°	1330.7	1307.9	1304.2	1289.2	1274.2
160°	1340.0	1321.9	1319.0	1307.4	1295.8
162.5°	1350.0	1336.9	1334.7	1326.0	1317.3
165°	1364.3	1358.4	1356.4	1348.6	1340.7
167.5°	1375.6	1370.6	1369.7	1365.9	1362.2
170°	1384.9	1384.6	1383.7	1379.9	1376.2
172.5°	1385.6	1385.6	1385.4	1384.5	1383.7
175°	1391.2	1394.0	1394.0	1394.0	1394.0
177.5°	1391.8	1394.0	1394.0	1394.0	1394.0
180°	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935815
 CATALOG NUMBER: SQ4-FA-150U-050D-835-1D-UNV-STD-W-6

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	8.14	8.80	9.29	9.94	11.55	10.96	11.63	12.12	12.77	14.38
	3H	8.60	9.19	9.76	10.35	11.97	12.29	12.88	13.45	14.04	15.66
	4H	8.78	9.35	9.95	10.50	12.12	12.72	13.29	13.90	14.44	16.07
	6H	8.89	9.41	10.07	10.56	12.20	13.00	13.52	14.18	14.67	16.31
	8H	8.88	9.38	10.07	10.55	12.18	13.06	13.56	14.25	14.73	16.36
	12H	8.85	9.32	10.03	10.48	12.13	13.10	13.56	14.28	14.73	16.38
4H	2H	9.14	9.71	10.32	10.86	12.49	11.35	11.91	12.53	13.06	14.69
	3H	10.15	10.62	11.34	11.80	13.44	12.83	13.30	14.02	14.48	16.12
	4H	10.42	10.85	11.61	12.02	13.67	13.35	13.78	14.54	14.95	16.61
	6H	10.53	10.90	11.72	12.09	13.74	13.70	14.07	14.89	15.26	16.91
	8H	10.53	10.88	11.72	12.06	13.72	13.80	14.15	14.99	15.33	16.99
	12H	10.49	10.81	11.70	12.00	13.66	13.85	14.16	15.06	15.35	17.02
8H	4H	10.86	11.20	12.05	12.38	14.04	13.46	13.81	14.65	14.98	16.65
	6H	11.11	11.40	12.32	12.62	14.28	13.89	14.17	15.09	15.39	17.05
	8H	11.15	11.40	12.36	12.60	14.28	14.03	14.28	15.25	15.48	17.16
	12H	11.13	11.34	12.34	12.54	14.25	14.12	14.34	15.34	15.54	17.25
12H	4H	10.85	11.17	12.06	12.36	14.02	13.41	13.73	14.62	14.92	16.58
	6H	11.17	11.42	12.38	12.62	14.29	13.88	14.13	15.09	15.33	17.01
	8H	11.23	11.44	12.44	12.64	14.35	14.03	14.25	15.25	15.45	17.16