

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: P935875

Luminaire Tested: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935875
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-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

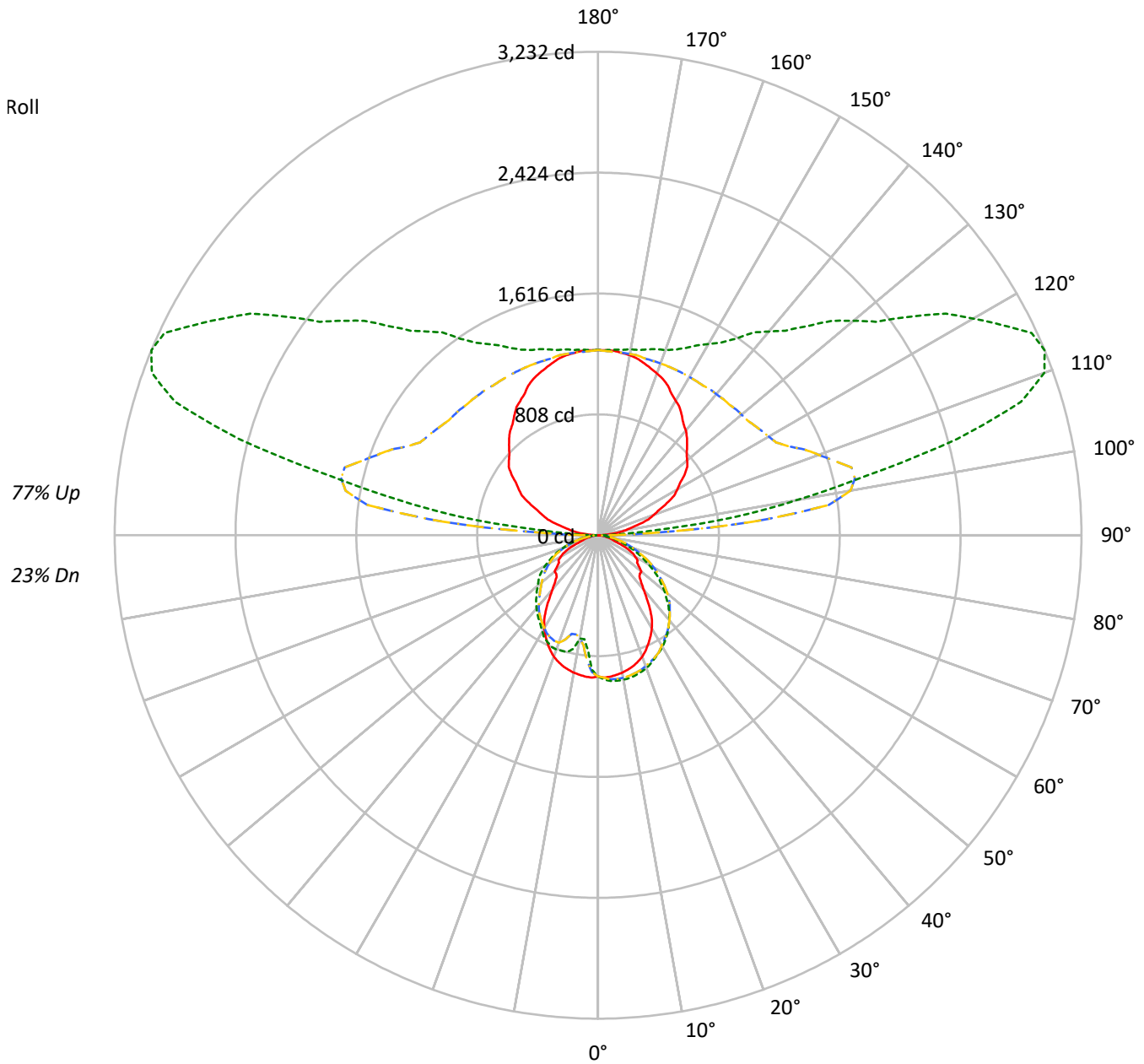
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10477.5 lumens
Efficiency: N/A
Efficacy: 125.6 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

TEST NUMBER: P935875
CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

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	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°	5841	5841	5841	5841
5°	5883	5896	5883	4636
10°	5841	5808	5841	4153
15°	5775	5683	5775	4745
20°	5652	5533	5652	4755
25°	5403	5316	5403	4654
30°	5081	5136	5081	4433
35°	4528	4907	4528	4189
40°	3771	4639	3771	4006
45°	3367	4323	3367	3795
50°	3574	3949	3574	3583
55°	3359	3544	3359	3460
60°	3458	3010	3458	3169
65°	3132	2488	3132	2781
70°	2162	1983	2162	2331
75°	1890	1465	1890	1755
80°	1510	969	1510	1056
85°	853	513	853	437

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5164 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.2	0.8
10°-20°	242.0	2.3
20°-30°	374.1	3.6
30°-40°	446.6	4.3
40°-50°	449.2	4.3
50°-60°	390.9	3.7
60°-70°	277.1	2.6
70°-80°	146.6	1.4
80°-90°	41.2	0.4
90°-100°	603.4	5.8
100°-110°	1586.4	15.1
110°-120°	1644.9	15.7
120°-130°	1319.4	12.6
130°-140°	1035.3	9.9
140°-150°	794.6	7.6
150°-160°	572.2	5.5
160°-170°	350.1	3.3
170°-180°	118.3	1.1
0°-30°	701.3	6.7
0°-40°	1147.9	11.0
0°-60°	1988.0	19.0
0°-90°	2452.9	23.4
90°-120°	3834.7	36.6
90°-150°	6983.9	66.7
90°-180°	8025.0	76.6
0°-180°	10477.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	944	944	944	944	944	
5°	949	978	949	769	949	90
15°	906	969	906	809	906	255
25°	798	904	798	792	798	366
35°	607	807	607	689	607	375
45°	391	665	391	583	391	313
55°	319	490	319	479	319	293
65°	222	296	222	330	222	212
75°	84	140	84	168	84	88
85°	14	36	14	30	14	19
90°	8	32	8	32	8	7
95°	80	365	80	365	80	89
105°	286	2484	286	2484	286	303
115°	508	3198	508	3198	508	501
125°	706	2547	706	2547	706	627
135°	842	1976	842	1976	842	651
145°	976	1603	976	1603	976	612
155°	1103	1381	1103	1381	1103	507
165°	1190	1286	1190	1286	1190	336
175°	1238	1246	1238	1246	1238	118
180°	1238	1238	1238	1238	1238	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	952.3	952.3	957.6	959.4	959.4	956.7	954.1	956.7	964.8	967.5	966.6
5°	948.7	955.8	965.7	967.5	969.3	968.4	966.6	968.4	977.2	979.1	980.0
7.5°	941.5	955.0	967.5	970.1	972.8	970.1	969.3	971.0	980.0	981.8	981.8
10°	932.6	951.4	965.7	967.5	970.1	967.5	967.5	971.0	980.0	981.8	982.7
12.5°	920.1	946.0	959.4	961.2	964.8	963.9	962.9	966.6	975.5	977.2	977.2
15°	905.8	936.2	948.7	950.5	956.7	955.0	955.0	958.5	968.4	971.0	970.1
17.5°	886.1	923.7	938.0	940.7	945.1	944.2	945.1	948.7	957.6	959.4	960.3
20°	863.8	906.7	923.7	926.4	930.8	930.8	930.8	935.3	944.2	947.8	947.8
22.5°	833.5	888.8	906.7	908.5	913.8	913.8	915.6	921.9	929.9	930.8	930.8
25°	797.7	869.2	884.4	889.8	895.1	897.8	900.4	904.1	906.7	905.8	906.7
27.5°	760.2	844.1	863.8	867.4	874.6	877.3	880.8	881.7	882.6	885.2	883.5
30°	718.2	809.3	838.8	842.4	854.0	855.8	852.2	854.0	858.4	860.3	862.1
32.5°	670.9	757.6	812.9	821.0	831.7	826.3	825.4	828.1	835.3	835.3	837.0
35°	606.6	717.3	788.8	795.9	804.0	797.7	801.3	802.2	806.7	809.3	808.4
37.5°	536.0	682.5	763.8	769.1	775.4	767.3	772.7	775.4	779.0	777.2	777.2
40°	473.5	628.0	734.3	737.8	743.3	737.0	742.4	744.1	745.9	744.1	743.3
42.5°	427.0	568.1	703.0	707.5	703.9	708.4	710.2	713.8	711.1	707.5	707.5
45°	391.3	552.1	669.1	674.4	669.1	676.2	678.9	678.9	670.9	669.1	668.2
47.5°	379.6	519.9	635.2	635.2	632.4	641.4	645.8	639.6	631.5	628.9	628.9
50°	378.7	484.1	588.7	585.1	597.6	608.4	603.8	597.6	591.4	581.6	581.6
52.5°	343.9	440.4	528.8	542.2	561.9	568.1	561.0	554.7	544.0	539.5	536.0
55°	318.9	394.8	474.4	501.2	521.7	529.7	516.4	510.1	494.0	491.3	489.6
57.5°	313.6	328.7	424.3	458.3	483.2	482.4	474.4	462.7	449.3	446.7	445.8
60°	287.6	237.6	370.7	411.0	436.8	434.1	427.0	416.3	403.8	402.0	400.2
62.5°	260.8	172.4	310.0	355.6	392.1	391.3	385.0	369.0	360.0	355.6	352.0
65°	221.6	144.7	220.7	295.7	348.4	350.1	336.8	325.2	315.3	310.0	309.1
67.5°	168.8	117.9	149.2	246.6	306.4	304.6	287.6	282.3	269.8	267.1	261.8
70°	125.0	78.6	103.6	200.1	265.3	260.8	247.5	241.2	229.5	223.3	219.8
72.5°	103.6	63.4	75.9	155.4	223.3	218.0	206.4	199.2	189.4	184.0	180.4
75°	84.0	67.0	58.1	115.3	181.3	177.8	167.0	159.9	151.8	144.7	145.6
77.5°	61.6	62.5	46.4	84.9	143.9	138.4	132.2	123.3	119.7	112.6	112.6
80°	46.4	49.1	34.8	58.1	103.6	103.6	98.3	92.0	85.8	82.2	82.2
82.5°	31.3	31.3	25.9	36.6	70.6	67.9	64.3	62.5	59.0	57.2	57.2
85°	14.3	17.8	16.1	22.3	38.5	40.2	40.2	38.5	37.6	35.7	36.6
87.5°	4.4	8.1	9.9	12.5	19.6	20.5	21.4	21.4	21.4	22.3	22.3
90°	8.3	15.0	21.6	23.3	36.6	54.3	63.1	56.1	42.1	31.6	31.6
92.5°	33.2	89.7	146.3	160.4	225.5	312.2	355.6	311.6	223.8	157.9	151.6
95°	79.7	183.1	286.6	312.4	554.7	877.8	1039.3	927.4	703.7	535.8	516.8
97.5°	137.9	229.1	320.3	343.1	747.2	1285.9	1555.2	1484.6	1343.1	1237.1	1200.8
100°	182.8	265.5	348.2	368.9	817.2	1415.0	1713.9	1719.1	1729.5	1737.2	1694.1
102.5°	221.0	298.2	375.4	394.6	849.4	1455.6	1758.8	1848.8	2029.0	2164.1	2127.2
105°	285.8	351.1	416.5	432.8	873.2	1460.2	1753.8	1955.7	2359.7	2662.7	2642.8
107.5°	352.3	413.2	474.1	489.3	877.5	1395.2	1654.1	1935.8	2499.3	2921.9	2926.7
110°	397.1	452.2	507.1	520.9	871.0	1337.6	1571.0	1885.9	2515.9	2988.3	3009.0



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CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	441.2	493.6	545.9	559.1	871.2	1287.3	1495.4	1817.7	2462.4	2945.9	2977.7
115°	507.6	556.0	604.4	616.4	879.2	1229.6	1404.8	1715.3	2336.4	2802.2	2846.2
117.5°	573.2	617.2	661.1	672.1	895.6	1193.6	1342.6	1622.8	2183.2	2603.6	2652.5
120°	611.5	652.9	694.2	704.5	908.9	1181.4	1317.6	1573.7	2085.8	2469.9	2517.3
122.5°	648.9	690.6	732.3	742.7	928.0	1175.0	1298.5	1529.1	1990.3	2336.2	2382.9
125°	706.1	744.1	782.2	791.7	953.7	1169.8	1277.7	1473.6	1865.3	2159.2	2202.2
127.5°	752.7	791.0	829.5	839.1	979.5	1166.7	1260.2	1428.4	1764.8	2017.1	2053.5
130°	777.6	819.0	860.4	870.7	998.4	1168.6	1253.7	1403.4	1702.8	1927.4	1961.0
132.5°	803.4	844.8	886.1	896.4	1013.6	1169.8	1247.8	1381.8	1649.9	1850.9	1881.1
135°	841.6	879.2	916.9	926.4	1030.2	1168.6	1237.9	1350.1	1574.6	1743.0	1768.9
137.5°	880.6	917.9	955.2	964.5	1055.1	1175.8	1236.2	1331.1	1520.9	1663.2	1684.4
140°	913.0	947.4	981.7	990.3	1070.3	1177.0	1230.4	1312.4	1476.3	1599.3	1619.1
142.5°	937.9	969.7	1001.5	1009.4	1083.1	1181.3	1230.4	1302.4	1446.4	1554.4	1571.4
145°	976.2	1003.9	1031.6	1038.5	1099.7	1181.3	1222.1	1280.9	1398.8	1487.1	1500.0
147.5°	1014.4	1041.4	1068.3	1075.0	1124.0	1189.4	1222.1	1268.4	1361.0	1430.6	1441.3
150°	1039.3	1063.6	1088.0	1094.1	1136.7	1193.6	1222.1	1261.2	1339.5	1398.2	1406.9
152.5°	1065.1	1083.5	1102.0	1106.6	1145.1	1196.4	1222.1	1255.5	1322.3	1372.4	1379.0
155°	1103.3	1116.9	1130.6	1134.0	1163.4	1202.5	1222.1	1248.6	1301.8	1341.7	1346.0
157.5°	1131.5	1144.8	1158.1	1161.4	1181.7	1208.6	1222.1	1242.8	1284.1	1315.1	1318.1
160°	1150.7	1161.0	1171.3	1173.8	1189.9	1211.3	1222.1	1239.8	1275.3	1301.8	1303.6
162.5°	1169.8	1177.5	1185.2	1187.2	1198.8	1214.3	1222.1	1237.0	1266.9	1289.4	1291.1
165°	1190.5	1197.6	1204.5	1206.3	1211.5	1218.5	1222.1	1232.8	1254.2	1270.3	1272.1
167.5°	1209.6	1212.9	1216.3	1217.1	1221.5	1227.5	1230.4	1237.4	1251.5	1261.9	1262.6
170°	1222.1	1225.4	1228.7	1229.5	1229.8	1230.2	1230.4	1237.4	1251.5	1261.9	1261.9
172.5°	1228.7	1229.4	1230.2	1230.4	1230.4	1230.4	1230.4	1235.9	1247.0	1255.3	1254.7
175°	1237.9	1237.9	1237.9	1237.9	1235.4	1232.1	1230.4	1233.9	1240.9	1246.1	1246.1
177.5°	1237.9	1237.9	1237.9	1237.9	1235.9	1233.3	1232.0	1234.8	1240.4	1244.5	1243.8
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	968.4	965.7	968.4	966.6	967.5	964.8	956.7	954.1	956.7	959.4	959.4
5°	980.0	978.1	980.0	980.0	979.1	977.2	968.4	966.6	968.4	969.3	967.5
7.5°	983.5	980.9	983.5	981.8	981.8	980.0	971.0	969.3	970.1	972.8	970.1
10°	983.5	980.9	983.5	982.7	981.8	980.0	971.0	967.5	967.5	970.1	967.5
12.5°	979.1	977.2	979.1	977.2	977.2	975.5	966.6	962.9	963.9	964.8	961.2
15°	971.9	969.3	971.9	970.1	971.0	968.4	958.5	955.0	955.0	956.7	950.5
17.5°	961.2	957.6	961.2	960.3	959.4	957.6	948.7	945.1	944.2	945.1	940.7
20°	948.7	946.0	948.7	947.8	947.8	944.2	935.3	930.8	930.8	930.8	926.4
22.5°	929.0	926.4	929.0	930.8	930.8	929.9	921.9	915.6	913.8	913.8	908.5
25°	906.7	904.1	906.7	906.7	905.8	906.7	904.1	900.4	897.8	895.1	889.8
27.5°	885.2	883.5	885.2	883.5	885.2	882.6	881.7	880.8	877.3	874.6	867.4
30°	863.8	862.1	863.8	862.1	860.3	858.4	854.0	852.2	855.8	854.0	842.4
32.5°	837.0	835.3	837.0	837.0	835.3	835.3	828.1	825.4	826.3	831.7	821.0
35°	809.3	806.7	809.3	808.4	809.3	806.7	802.2	801.3	797.7	804.0	795.9
37.5°	777.2	774.5	777.2	777.2	777.2	779.0	775.4	772.7	767.3	775.4	769.1
40°	744.1	740.6	744.1	743.3	744.1	745.9	744.1	742.4	737.0	743.3	737.8
42.5°	706.6	705.7	706.6	707.5	707.5	711.1	713.8	710.2	708.4	703.9	707.5
45°	666.4	664.6	666.4	668.2	669.1	670.9	678.9	678.9	676.2	669.1	674.4
47.5°	623.6	619.0	623.6	628.9	628.9	631.5	639.6	645.8	641.4	632.4	635.2
50°	578.0	578.9	578.0	581.6	581.6	591.4	597.6	603.8	608.4	597.6	585.1
52.5°	533.3	532.4	533.3	536.0	539.5	544.0	554.7	561.0	568.1	561.9	542.2
55°	488.7	490.4	488.7	489.6	491.3	494.0	510.1	516.4	529.7	521.7	501.2
57.5°	444.0	441.3	444.0	445.8	446.7	449.3	462.7	474.4	482.4	483.2	458.3
60°	392.1	388.6	392.1	400.2	402.0	403.8	416.3	427.0	434.1	436.8	411.0
62.5°	346.6	340.4	346.6	352.0	355.6	360.0	369.0	385.0	391.3	392.1	355.6
65°	298.4	295.7	298.4	309.1	310.0	315.3	325.2	336.8	350.1	348.4	295.7
67.5°	254.6	254.6	254.6	261.8	267.1	269.8	282.3	287.6	304.6	306.4	246.6
70°	214.4	213.5	214.4	219.8	223.3	229.5	241.2	247.5	260.8	265.3	200.1
72.5°	176.0	175.1	176.0	180.4	184.0	189.4	199.2	206.4	218.0	223.3	155.4
75°	142.1	140.2	142.1	145.6	144.7	151.8	159.9	167.0	177.8	181.3	115.3
77.5°	109.0	109.0	109.0	112.6	112.6	119.7	123.3	132.2	138.4	143.9	84.9
80°	81.3	80.4	81.3	82.2	82.2	85.8	92.0	98.3	103.6	103.6	58.1
82.5°	57.2	55.4	57.2	57.2	57.2	59.0	62.5	64.3	67.9	70.6	36.6
85°	35.7	35.7	35.7	36.6	35.7	37.6	38.5	40.2	40.2	38.5	22.3
87.5°	23.3	22.3	23.3	22.3	22.3	21.4	21.4	21.4	20.5	19.6	12.5
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.1	54.3	36.6	23.3
92.5°	126.5	101.3	126.5	151.6	157.9	223.8	311.6	355.6	312.2	225.5	160.4
95°	440.7	364.7	440.7	516.8	535.8	703.7	927.4	1039.3	877.8	554.7	312.4
97.5°	1056.1	911.4	1056.1	1200.8	1237.1	1343.1	1484.6	1555.2	1285.9	747.2	343.1
100°	1521.7	1349.2	1521.7	1694.1	1737.2	1729.5	1719.1	1713.9	1415.0	817.2	368.9
102.5°	1979.5	1831.9	1979.5	2127.2	2164.1	2029.0	1848.8	1758.8	1455.6	849.4	394.6
105°	2563.4	2484.0	2563.4	2642.8	2662.7	2359.7	1955.7	1753.8	1460.2	873.2	432.8
107.5°	2945.9	2965.0	2945.9	2926.7	2921.9	2499.3	1935.8	1654.1	1395.2	877.5	489.3
110°	3091.7	3174.4	3091.7	3009.0	2988.3	2515.9	1885.9	1571.0	1337.6	871.0	520.9



TEST NUMBER: P935875

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3104.7	3231.7	3104.7	2977.7	2945.9	2462.4	1817.7	1495.4	1287.3	871.2	559.1
115°	3022.3	3198.5	3022.3	2846.2	2802.2	2336.4	1715.3	1404.8	1229.6	879.2	616.4
117.5°	2847.8	3043.2	2847.8	2652.5	2603.6	2183.2	1622.8	1342.6	1193.6	895.6	672.1
120°	2707.2	2896.9	2707.2	2517.3	2469.9	2085.8	1573.7	1317.6	1181.4	908.9	704.5
122.5°	2570.1	2757.3	2570.1	2382.9	2336.2	1990.3	1529.1	1298.5	1175.0	928.0	742.7
125°	2374.7	2547.1	2374.7	2202.2	2159.2	1865.3	1473.6	1277.7	1169.8	953.7	791.7
127.5°	2199.0	2344.5	2199.0	2053.5	2017.1	1764.8	1428.4	1260.2	1166.7	979.5	839.1
130°	2095.4	2229.8	2095.4	1961.0	1927.4	1702.8	1403.4	1253.7	1168.6	998.4	870.7
132.5°	2001.4	2121.8	2001.4	1881.1	1850.9	1649.9	1381.8	1247.8	1169.8	1013.6	896.4
135°	1872.7	1976.4	1872.7	1768.9	1743.0	1574.6	1350.1	1237.9	1168.6	1030.2	926.4
137.5°	1769.4	1854.3	1769.4	1684.4	1663.2	1520.9	1331.1	1236.2	1175.8	1055.1	964.5
140°	1698.5	1777.9	1698.5	1619.1	1599.3	1476.3	1312.4	1230.4	1177.0	1070.3	990.3
142.5°	1639.8	1708.1	1639.8	1571.4	1554.4	1446.4	1302.4	1230.4	1181.3	1083.1	1009.4
145°	1551.7	1603.4	1551.7	1500.0	1487.1	1398.8	1280.9	1222.1	1181.3	1099.7	1038.5
147.5°	1484.1	1527.0	1484.1	1441.3	1430.6	1361.0	1268.4	1222.1	1189.4	1124.0	1075.0
150°	1441.6	1476.3	1441.6	1406.9	1398.2	1339.5	1261.2	1222.1	1193.6	1136.7	1094.1
152.5°	1405.2	1431.5	1405.2	1379.0	1372.4	1322.3	1255.5	1222.1	1196.4	1145.1	1106.6
155°	1363.3	1380.8	1363.3	1346.0	1341.7	1301.8	1248.6	1222.1	1202.5	1163.4	1134.0
157.5°	1330.4	1342.6	1330.4	1318.1	1315.1	1284.1	1242.8	1222.1	1208.6	1181.7	1161.4
160°	1310.6	1317.6	1310.6	1303.6	1301.8	1275.3	1239.8	1222.1	1211.3	1189.9	1173.8
162.5°	1297.6	1304.3	1297.6	1291.1	1289.4	1266.9	1237.0	1222.1	1214.3	1198.8	1187.2
165°	1279.0	1286.0	1279.0	1272.1	1270.3	1254.2	1232.8	1222.1	1218.5	1211.5	1206.3
167.5°	1265.7	1268.6	1265.7	1262.6	1261.9	1251.5	1237.4	1230.4	1227.5	1221.5	1217.1
170°	1261.9	1261.9	1261.9	1261.9	1261.9	1251.5	1237.4	1230.4	1230.2	1229.8	1229.5
172.5°	1252.1	1249.5	1252.1	1254.7	1255.3	1247.0	1235.9	1230.4	1230.4	1230.4	1230.4
175°	1246.1	1246.1	1246.1	1246.1	1246.1	1240.9	1233.9	1230.4	1232.1	1235.4	1237.9
177.5°	1240.8	1237.9	1240.8	1243.8	1244.5	1240.4	1234.8	1232.0	1233.3	1235.9	1237.9
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



TEST NUMBER: P935875
 CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	957.6	952.3	952.3	943.3	939.8	937.1	932.6	919.3	915.6	912.1	917.4
5°	965.7	955.8	948.7	932.6	919.3	913.8	896.9	864.7	843.2	827.2	818.3
7.5°	967.5	955.0	941.5	916.5	884.4	870.1	818.3	759.3	743.3	729.0	720.0
10°	965.7	951.4	932.6	895.1	819.2	794.1	742.4	703.9	694.1	691.4	694.1
12.5°	959.4	946.0	920.1	857.5	751.2	734.3	703.9	681.6	679.8	684.3	708.4
15°	948.7	936.2	905.8	807.5	713.8	701.3	679.8	671.8	681.6	712.9	785.3
17.5°	938.0	923.7	886.1	758.4	685.2	676.2	661.0	677.1	732.5	774.5	798.6
20°	923.7	906.7	863.8	722.7	664.6	656.6	649.4	721.8	763.8	779.0	792.4
22.5°	906.7	888.8	833.5	697.7	643.2	637.0	641.4	746.8	763.8	774.5	786.1
25°	884.4	869.2	797.7	678.0	626.2	619.0	636.1	744.1	753.9	756.7	779.8
27.5°	863.8	844.1	760.2	660.1	605.7	603.0	640.5	732.5	739.7	742.4	767.3
30°	838.8	809.3	718.2	641.4	584.2	583.3	641.4	718.2	716.4	723.5	748.6
32.5°	812.9	757.6	670.9	618.1	563.7	562.8	635.2	696.8	695.0	704.8	723.5
35°	788.8	717.3	606.6	591.4	537.8	538.7	619.9	671.8	672.7	681.6	693.2
37.5°	763.8	682.5	536.0	561.9	512.7	512.7	599.4	648.5	646.7	649.4	665.6
40°	734.3	628.0	473.5	523.5	489.6	486.9	574.4	623.6	617.2	616.4	638.7
42.5°	703.0	568.1	427.0	472.6	462.7	459.2	544.0	593.2	581.6	584.2	612.8
45°	669.1	552.1	391.3	399.3	435.0	432.4	511.0	558.3	550.3	557.4	586.9
47.5°	635.2	519.9	379.6	331.4	405.5	404.7	474.4	524.4	519.9	527.0	558.3
50°	588.7	484.1	378.7	284.1	372.5	376.1	430.6	491.3	491.3	497.5	530.7
52.5°	528.8	440.4	343.9	257.3	334.1	344.8	392.1	462.7	464.5	470.8	500.2
55°	474.4	394.8	318.9	236.7	288.5	311.8	354.7	433.3	436.8	443.1	469.8
57.5°	424.3	328.7	313.6	212.6	246.6	268.9	321.6	404.7	406.4	411.9	437.7
60°	370.7	237.6	287.6	186.7	209.9	226.9	291.2	370.7	377.0	380.5	402.9
62.5°	310.0	172.4	260.8	168.8	192.1	195.6	266.2	338.6	346.6	349.3	362.7
65°	220.7	144.7	221.6	153.6	173.3	174.2	239.4	305.5	312.7	317.1	327.0
67.5°	149.2	117.9	168.8	139.3	159.0	159.9	213.5	267.1	277.0	280.5	286.7
70°	103.6	78.6	125.0	124.1	143.0	144.7	185.8	232.3	241.2	243.8	247.5
72.5°	75.9	63.4	103.6	111.6	125.9	127.8	157.3	193.0	201.9	204.6	206.4
75°	58.1	67.0	84.0	97.4	107.2	108.1	128.7	157.3	163.5	165.3	166.1
77.5°	46.4	62.5	61.6	78.6	87.6	85.8	101.0	121.5	126.8	126.8	126.8
80°	34.8	49.1	46.4	56.3	64.3	62.5	72.4	86.7	88.4	90.2	89.3
82.5°	25.9	31.3	31.3	35.7	42.9	41.1	48.2	56.3	56.3	56.3	58.1
85°	16.1	17.8	14.3	18.7	24.2	23.3	26.8	30.4	31.3	31.3	29.5
87.5°	9.9	8.1	4.4	7.1	10.7	10.7	12.5	13.4	12.5	12.5	12.5
90°	21.6	15.0	8.3	15.0	21.6	23.3	36.6	54.3	63.1	56.1	42.1
92.5°	146.3	89.7	33.2	89.7	146.3	160.4	225.5	312.2	355.6	311.6	223.8
95°	286.6	183.1	79.7	183.1	286.6	312.4	554.7	877.8	1039.3	927.4	703.7
97.5°	320.3	229.1	137.9	229.1	320.3	343.1	747.2	1285.9	1555.2	1484.6	1343.1
100°	348.2	265.5	182.8	265.5	348.2	368.9	817.2	1415.0	1713.9	1719.1	1729.5
102.5°	375.4	298.2	221.0	298.2	375.4	394.6	849.4	1455.6	1758.8	1848.8	2029.0
105°	416.5	351.1	285.8	351.1	416.5	432.8	873.2	1460.2	1753.8	1955.7	2359.7
107.5°	474.1	413.2	352.3	413.2	474.1	489.3	877.5	1395.2	1654.1	1935.8	2499.3
110°	507.1	452.2	397.1	452.2	507.1	520.9	871.0	1337.6	1571.0	1885.9	2515.9



TEST NUMBER: P935875

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	545.9	493.6	441.2	493.6	545.9	559.1	871.2	1287.3	1495.4	1817.7	2462.4
115°	604.4	556.0	507.6	556.0	604.4	616.4	879.2	1229.6	1404.8	1715.3	2336.4
117.5°	661.1	617.2	573.2	617.2	661.1	672.1	895.6	1193.6	1342.6	1622.8	2183.2
120°	694.2	652.9	611.5	652.9	694.2	704.5	908.9	1181.4	1317.6	1573.7	2085.8
122.5°	732.3	690.6	648.9	690.6	732.3	742.7	928.0	1175.0	1298.5	1529.1	1990.3
125°	782.2	744.1	706.1	744.1	782.2	791.7	953.7	1169.8	1277.7	1473.6	1865.3
127.5°	829.5	791.0	752.7	791.0	829.5	839.1	979.5	1166.7	1260.2	1428.4	1764.8
130°	860.4	819.0	777.6	819.0	860.4	870.7	998.4	1168.6	1253.7	1403.4	1702.8
132.5°	886.1	844.8	803.4	844.8	886.1	896.4	1013.6	1169.8	1247.8	1381.8	1649.9
135°	916.9	879.2	841.6	879.2	916.9	926.4	1030.2	1168.6	1237.9	1350.1	1574.6
137.5°	955.2	917.9	880.6	917.9	955.2	964.5	1055.1	1175.8	1236.2	1331.1	1520.9
140°	981.7	947.4	913.0	947.4	981.7	990.3	1070.3	1177.0	1230.4	1312.4	1476.3
142.5°	1001.5	969.7	937.9	969.7	1001.5	1009.4	1083.1	1181.3	1230.4	1302.4	1446.4
145°	1031.6	1003.9	976.2	1003.9	1031.6	1038.5	1099.7	1181.3	1222.1	1280.9	1398.8
147.5°	1068.3	1041.4	1014.4	1041.4	1068.3	1075.0	1124.0	1189.4	1222.1	1268.4	1361.0
150°	1088.0	1063.6	1039.3	1063.6	1088.0	1094.1	1136.7	1193.6	1222.1	1261.2	1339.5
152.5°	1102.0	1083.5	1065.1	1083.5	1102.0	1106.6	1145.1	1196.4	1222.1	1255.5	1322.3
155°	1130.6	1116.9	1103.3	1116.9	1130.6	1134.0	1163.4	1202.5	1222.1	1248.6	1301.8
157.5°	1158.1	1144.8	1131.5	1144.8	1158.1	1161.4	1181.7	1208.6	1222.1	1242.8	1284.1
160°	1171.3	1161.0	1150.7	1161.0	1171.3	1173.8	1189.9	1211.3	1222.1	1239.8	1275.3
162.5°	1185.2	1177.5	1169.8	1177.5	1185.2	1187.2	1198.8	1214.3	1222.1	1237.0	1266.9
165°	1204.5	1197.6	1190.5	1197.6	1204.5	1206.3	1211.5	1218.5	1222.1	1232.8	1254.2
167.5°	1216.3	1212.9	1209.6	1212.9	1216.3	1217.1	1221.5	1227.5	1230.4	1237.4	1251.5
170°	1228.7	1225.4	1222.1	1225.4	1228.7	1229.5	1229.8	1230.2	1230.4	1237.4	1251.5
172.5°	1230.2	1229.4	1228.7	1229.4	1230.2	1230.4	1230.4	1230.4	1230.4	1235.9	1247.0
175°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1235.4	1232.1	1230.4	1233.9	1240.9
177.5°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1235.9	1233.3	1232.0	1234.8	1240.4
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



TEST NUMBER: P935875
 CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2	944.2
2.5°	911.2	908.5	912.1	902.2	912.1	908.5	911.2	917.4	912.1	915.6	919.3
5°	799.6	795.0	780.7	769.1	780.7	795.0	799.6	818.3	827.2	843.2	864.7
7.5°	714.7	711.1	707.5	700.4	707.5	711.1	714.7	720.0	729.0	743.3	759.3
10°	695.9	696.8	702.1	701.3	702.1	696.8	695.9	694.1	691.4	694.1	703.9
12.5°	744.1	752.1	781.6	779.8	781.6	752.1	744.1	708.4	684.3	679.8	681.6
15°	799.6	802.2	808.4	809.3	808.4	802.2	799.6	785.3	712.9	681.6	671.8
17.5°	804.9	805.8	810.2	810.2	810.2	805.8	804.9	798.6	774.5	732.5	677.1
20°	800.4	802.2	811.1	812.9	811.1	802.2	800.4	792.4	779.0	763.8	721.8
22.5°	798.6	802.2	809.3	808.4	809.3	802.2	798.6	786.1	774.5	763.8	746.8
25°	789.7	789.7	790.6	791.5	790.6	789.7	789.7	779.8	756.7	753.9	744.1
27.5°	771.0	772.7	778.1	777.2	778.1	772.7	771.0	767.3	742.4	739.7	732.5
30°	753.9	752.1	747.7	744.1	747.7	752.1	753.9	748.6	723.5	716.4	718.2
32.5°	725.4	720.9	716.4	713.8	716.4	720.9	725.4	723.5	704.8	695.0	696.8
35°	691.4	692.3	691.4	688.7	691.4	692.3	691.4	693.2	681.6	672.7	671.8
37.5°	667.3	669.1	668.2	664.6	668.2	669.1	667.3	665.6	649.4	646.7	648.5
40°	642.3	643.2	642.3	639.6	642.3	643.2	642.3	638.7	616.4	617.2	623.6
42.5°	618.1	617.2	614.6	612.8	614.6	617.2	618.1	612.8	584.2	581.6	593.2
45°	590.5	591.4	586.0	583.3	586.0	591.4	590.5	586.9	557.4	550.3	558.3
47.5°	562.8	562.8	558.3	555.6	558.3	562.8	562.8	558.3	527.0	519.9	524.4
50°	533.3	532.4	526.1	525.3	526.1	532.4	533.3	530.7	497.5	491.3	491.3
52.5°	499.3	499.3	500.2	502.1	500.2	499.3	499.3	500.2	470.8	464.5	462.7
55°	469.8	470.8	477.0	478.8	477.0	470.8	469.8	469.8	443.1	436.8	433.3
57.5°	439.5	439.5	444.0	444.0	444.0	439.5	439.5	437.7	411.9	406.4	404.7
60°	404.7	406.4	410.0	409.1	410.0	406.4	404.7	402.9	380.5	377.0	370.7
62.5°	368.1	369.9	370.7	369.0	370.7	369.9	368.1	362.7	349.3	346.6	338.6
65°	329.6	331.4	332.3	330.5	332.3	331.4	329.6	327.0	317.1	312.7	305.5
67.5°	290.3	289.4	288.5	292.2	288.5	289.4	290.3	286.7	280.5	277.0	267.1
70°	250.1	250.1	249.3	251.0	249.3	250.1	250.1	247.5	243.8	241.2	232.3
72.5°	207.3	206.4	209.9	207.3	209.9	206.4	207.3	206.4	204.6	201.9	193.0
75°	165.3	167.0	165.3	167.9	165.3	167.0	165.3	166.1	165.3	163.5	157.3
77.5°	125.9	127.8	125.9	125.9	125.9	127.8	125.9	126.8	126.8	126.8	121.5
80°	89.3	88.4	88.4	87.6	88.4	88.4	89.3	89.3	90.2	88.4	86.7
82.5°	57.2	56.3	56.3	58.1	56.3	56.3	57.2	58.1	56.3	56.3	56.3
85°	31.3	32.1	30.4	30.4	30.4	32.1	31.3	29.5	31.3	31.3	30.4
87.5°	11.6	10.7	10.7	10.7	10.7	10.7	11.6	12.5	12.5	12.5	13.4
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.1	54.3
92.5°	157.9	151.6	126.5	101.3	126.5	151.6	157.9	223.8	311.6	355.6	312.2
95°	535.8	516.8	440.7	364.7	440.7	516.8	535.8	703.7	927.4	1039.3	877.8
97.5°	1237.1	1200.8	1056.1	911.4	1056.1	1200.8	1237.1	1343.1	1484.6	1555.2	1285.9
100°	1737.2	1694.1	1521.7	1349.2	1521.7	1694.1	1737.2	1729.5	1719.1	1713.9	1415.0
102.5°	2164.1	2127.2	1979.5	1831.9	1979.5	2127.2	2164.1	2029.0	1848.8	1758.8	1455.6
105°	2662.7	2642.8	2563.4	2484.0	2563.4	2642.8	2662.7	2359.7	1955.7	1753.8	1460.2
107.5°	2921.9	2926.7	2945.9	2965.0	2945.9	2926.7	2921.9	2499.3	1935.8	1654.1	1395.2
110°	2988.3	3009.0	3091.7	3174.4	3091.7	3009.0	2988.3	2515.9	1885.9	1571.0	1337.6



TEST NUMBER: P935875

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2945.9	2977.7	3104.7	3231.7	3104.7	2977.7	2945.9	2462.4	1817.7	1495.4	1287.3
115°	2802.2	2846.2	3022.3	3198.5	3022.3	2846.2	2802.2	2336.4	1715.3	1404.8	1229.6
117.5°	2603.6	2652.5	2847.8	3043.2	2847.8	2652.5	2603.6	2183.2	1622.8	1342.6	1193.6
120°	2469.9	2517.3	2707.2	2896.9	2707.2	2517.3	2469.9	2085.8	1573.7	1317.6	1181.4
122.5°	2336.2	2382.9	2570.1	2757.3	2570.1	2382.9	2336.2	1990.3	1529.1	1298.5	1175.0
125°	2159.2	2202.2	2374.7	2547.1	2374.7	2202.2	2159.2	1865.3	1473.6	1277.7	1169.8
127.5°	2017.1	2053.5	2199.0	2344.5	2199.0	2053.5	2017.1	1764.8	1428.4	1260.2	1166.7
130°	1927.4	1961.0	2095.4	2229.8	2095.4	1961.0	1927.4	1702.8	1403.4	1253.7	1168.6
132.5°	1850.9	1881.1	2001.4	2121.8	2001.4	1881.1	1850.9	1649.9	1381.8	1247.8	1169.8
135°	1743.0	1768.9	1872.7	1976.4	1872.7	1768.9	1743.0	1574.6	1350.1	1237.9	1168.6
137.5°	1663.2	1684.4	1769.4	1854.3	1769.4	1684.4	1663.2	1520.9	1331.1	1236.2	1175.8
140°	1599.3	1619.1	1698.5	1777.9	1698.5	1619.1	1599.3	1476.3	1312.4	1230.4	1177.0
142.5°	1554.4	1571.4	1639.8	1708.1	1639.8	1571.4	1554.4	1446.4	1302.4	1230.4	1181.3
145°	1487.1	1500.0	1551.7	1603.4	1551.7	1500.0	1487.1	1398.8	1280.9	1222.1	1181.3
147.5°	1430.6	1441.3	1484.1	1527.0	1484.1	1441.3	1430.6	1361.0	1268.4	1222.1	1189.4
150°	1398.2	1406.9	1441.6	1476.3	1441.6	1406.9	1398.2	1339.5	1261.2	1222.1	1193.6
152.5°	1372.4	1379.0	1405.2	1431.5	1405.2	1379.0	1372.4	1322.3	1255.5	1222.1	1196.4
155°	1341.7	1346.0	1363.3	1380.8	1363.3	1346.0	1341.7	1301.8	1248.6	1222.1	1202.5
157.5°	1315.1	1318.1	1330.4	1342.6	1330.4	1318.1	1315.1	1284.1	1242.8	1222.1	1208.6
160°	1301.8	1303.6	1310.6	1317.6	1310.6	1303.6	1301.8	1275.3	1239.8	1222.1	1211.3
162.5°	1289.4	1291.1	1297.6	1304.3	1297.6	1291.1	1289.4	1266.9	1237.0	1222.1	1214.3
165°	1270.3	1272.1	1279.0	1286.0	1279.0	1272.1	1270.3	1254.2	1232.8	1222.1	1218.5
167.5°	1261.9	1262.6	1265.7	1268.6	1265.7	1262.6	1261.9	1251.5	1237.4	1230.4	1227.5
170°	1261.9	1261.9	1261.9	1261.9	1261.9	1261.9	1261.9	1251.5	1237.4	1230.4	1230.2
172.5°	1255.3	1254.7	1252.1	1249.5	1252.1	1254.7	1255.3	1247.0	1235.9	1230.4	1230.4
175°	1246.1	1246.1	1246.1	1246.1	1246.1	1246.1	1246.1	1240.9	1233.9	1230.4	1232.1
177.5°	1244.5	1243.8	1240.8	1237.9	1240.8	1243.8	1244.5	1240.4	1234.8	1232.0	1233.3
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



TEST NUMBER: P935875

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	944.2	944.2	944.2	944.2	944.2
2.5°	932.6	937.1	939.8	943.3	952.3
5°	896.9	913.8	919.3	932.6	948.7
7.5°	818.3	870.1	884.4	916.5	941.5
10°	742.4	794.1	819.2	895.1	932.6
12.5°	703.9	734.3	751.2	857.5	920.1
15°	679.8	701.3	713.8	807.5	905.8
17.5°	661.0	676.2	685.2	758.4	886.1
20°	649.4	656.6	664.6	722.7	863.8
22.5°	641.4	637.0	643.2	697.7	833.5
25°	636.1	619.0	626.2	678.0	797.7
27.5°	640.5	603.0	605.7	660.1	760.2
30°	641.4	583.3	584.2	641.4	718.2
32.5°	635.2	562.8	563.7	618.1	670.9
35°	619.9	538.7	537.8	591.4	606.6
37.5°	599.4	512.7	512.7	561.9	536.0
40°	574.4	486.9	489.6	523.5	473.5
42.5°	544.0	459.2	462.7	472.6	427.0
45°	511.0	432.4	435.0	399.3	391.3
47.5°	474.4	404.7	405.5	331.4	379.6
50°	430.6	376.1	372.5	284.1	378.7
52.5°	392.1	344.8	334.1	257.3	343.9
55°	354.7	311.8	288.5	236.7	318.9
57.5°	321.6	268.9	246.6	212.6	313.6
60°	291.2	226.9	209.9	186.7	287.6
62.5°	266.2	195.6	192.1	168.8	260.8
65°	239.4	174.2	173.3	153.6	221.6
67.5°	213.5	159.9	159.0	139.3	168.8
70°	185.8	144.7	143.0	124.1	125.0
72.5°	157.3	127.8	125.9	111.6	103.6
75°	128.7	108.1	107.2	97.4	84.0
77.5°	101.0	85.8	87.6	78.6	61.6
80°	72.4	62.5	64.3	56.3	46.4
82.5°	48.2	41.1	42.9	35.7	31.3
85°	26.8	23.3	24.2	18.7	14.3
87.5°	12.5	10.7	10.7	7.1	4.4
90°	36.6	23.3	21.6	15.0	8.3
92.5°	225.5	160.4	146.3	89.7	33.2
95°	554.7	312.4	286.6	183.1	79.7
97.5°	747.2	343.1	320.3	229.1	137.9
100°	817.2	368.9	348.2	265.5	182.8
102.5°	849.4	394.6	375.4	298.2	221.0
105°	873.2	432.8	416.5	351.1	285.8
107.5°	877.5	489.3	474.1	413.2	352.3
110°	871.0	520.9	507.1	452.2	397.1



TEST NUMBER: P935875

CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	871.2	559.1	545.9	493.6	441.2
115°	879.2	616.4	604.4	556.0	507.6
117.5°	895.6	672.1	661.1	617.2	573.2
120°	908.9	704.5	694.2	652.9	611.5
122.5°	928.0	742.7	732.3	690.6	648.9
125°	953.7	791.7	782.2	744.1	706.1
127.5°	979.5	839.1	829.5	791.0	752.7
130°	998.4	870.7	860.4	819.0	777.6
132.5°	1013.6	896.4	886.1	844.8	803.4
135°	1030.2	926.4	916.9	879.2	841.6
137.5°	1055.1	964.5	955.2	917.9	880.6
140°	1070.3	990.3	981.7	947.4	913.0
142.5°	1083.1	1009.4	1001.5	969.7	937.9
145°	1099.7	1038.5	1031.6	1003.9	976.2
147.5°	1124.0	1075.0	1068.3	1041.4	1014.4
150°	1136.7	1094.1	1088.0	1063.6	1039.3
152.5°	1145.1	1106.6	1102.0	1083.5	1065.1
155°	1163.4	1134.0	1130.6	1116.9	1103.3
157.5°	1181.7	1161.4	1158.1	1144.8	1131.5
160°	1189.9	1173.8	1171.3	1161.0	1150.7
162.5°	1198.8	1187.2	1185.2	1177.5	1169.8
165°	1211.5	1206.3	1204.5	1197.6	1190.5
167.5°	1221.5	1217.1	1216.3	1212.9	1209.6
170°	1229.8	1229.5	1228.7	1225.4	1222.1
172.5°	1230.4	1230.4	1230.2	1229.4	1228.7
175°	1235.4	1237.9	1237.9	1237.9	1237.9
177.5°	1235.9	1237.9	1237.9	1237.9	1237.9
180°	1237.9	1237.9	1237.9	1237.9	1237.9



TEST NUMBER: P935875
 CATALOG NUMBER: SQ4-FA-150U-050D-940-1D-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	7.73	8.39	8.88	9.53	11.14	10.55	11.21	11.71	12.36	13.96
	3H	8.19	8.78	9.35	9.93	11.55	11.88	12.47	13.04	13.62	15.24
	4H	8.37	8.93	9.54	10.08	11.71	12.31	12.88	13.48	14.03	15.65
	6H	8.48	9.00	9.66	10.15	11.79	12.58	13.10	13.76	14.26	15.89
	8H	8.47	8.97	9.65	10.13	11.76	12.65	13.15	13.83	14.32	15.94
	12H	8.44	8.90	9.62	10.07	11.72	12.68	13.15	13.87	14.31	15.97
4H	2H	8.73	9.30	9.91	10.45	12.07	10.93	11.50	12.11	12.65	14.28
	3H	9.74	10.21	10.92	11.39	13.02	12.42	12.89	13.60	14.07	15.70
	4H	10.01	10.44	11.19	11.61	13.26	12.94	13.37	14.12	14.54	16.19
	6H	10.12	10.49	11.31	11.68	13.32	13.29	13.66	14.48	14.85	16.49
	8H	10.12	10.47	11.31	11.65	13.31	13.39	13.74	14.58	14.92	16.58
	12H	10.08	10.39	11.28	11.58	13.25	13.44	13.75	14.64	14.94	16.61
8H	4H	10.44	10.79	11.63	11.97	13.63	13.05	13.39	14.24	14.57	16.23
	6H	10.70	10.98	11.91	12.20	13.86	13.47	13.76	14.68	14.98	16.64
	8H	10.74	10.99	11.95	12.18	13.86	13.62	13.87	14.84	15.07	16.75
	12H	10.71	10.93	11.93	12.13	13.84	13.71	13.93	14.93	15.12	16.84
12H	4H	10.44	10.75	11.65	11.94	13.61	13.00	13.32	14.21	14.50	16.17
	6H	10.76	11.00	11.97	12.20	13.88	13.47	13.72	14.68	14.92	16.59
	8H	10.81	11.03	12.03	12.23	13.94	13.62	13.84	14.84	15.03	16.74