

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: P935019

Luminaire Tested: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935019
REPORT IS A COMBINATION OF REPORTS P933739 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

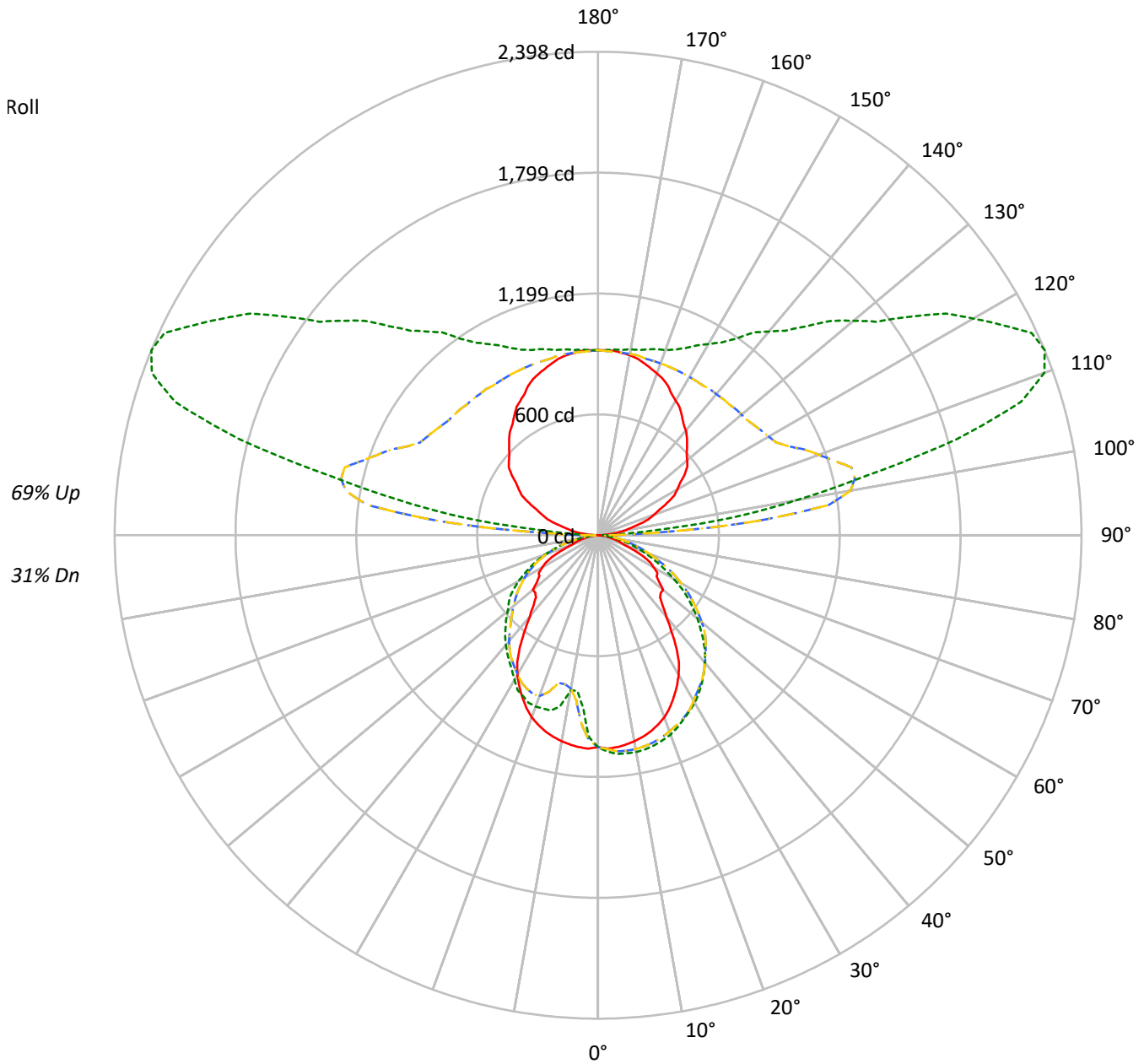
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8681.6 lumens
Efficiency: N/A
Efficacy: 140.5 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): 61.8
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: P935019
CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

Luminous Intensity Polar Plot



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



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	35	34	33	35	34	33	27
2	85	78	72	67	76	70	65	61	56	53	50	43	40	38	30	29	28	30	29	28	22
3	78	69	62	56	70	62	56	51	49	45	42	38	35	32	27	25	24	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	34	30	28	24	22	20	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	24	21	20	17	15	20	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	25	21	18	18	15	14	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	15	15	13	11	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6499	6499	6499	6499
5°	6545	6560	6545	5158
10°	6499	6462	6499	4620
15°	6426	6322	6426	5279
20°	6289	6156	6289	5290
25°	6011	5915	6011	5178
30°	5654	5714	5654	4932
35°	5038	5460	5038	4662
40°	4195	5161	4195	4458
45°	3746	4810	3746	4222
50°	3977	4393	3977	3986
55°	3738	3943	3738	3850
60°	3848	3349	3848	3526
65°	3484	2769	3484	3094
70°	2406	2206	2406	2594
75°	2104	1630	2104	1952
80°	1683	1078	1683	1174
85°	948	570	948	486

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5746 cd/sqm



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	1.1
10°-20°	269.3	3.1
20°-30°	416.2	4.8
30°-40°	496.9	5.7
40°-50°	499.8	5.8
50°-60°	434.9	5.0
60°-70°	308.3	3.6
70°-80°	163.1	1.9
80°-90°	44.1	0.5
90°-100°	447.7	5.2
100°-110°	1177.1	13.6
110°-120°	1220.5	14.1
120°-130°	979.0	11.3
130°-140°	768.2	8.8
140°-150°	589.6	6.8
150°-160°	424.6	4.9
160°-170°	259.8	3.0
170°-180°	87.8	1.0
0°-30°	780.3	9.0
0°-40°	1277.2	14.7
0°-60°	2211.8	25.5
0°-90°	2727.4	31.4
90°-120°	2845.2	32.8
90°-150°	5182.0	59.7
90°-180°	5954.0	68.6
0°-180°	8681.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1050	1050	1050	1050	1050	
5°	1056	1088	1056	856	1056	100
15°	1008	1078	1008	900	1008	284
25°	888	1006	888	881	888	408
35°	675	898	675	766	675	418
45°	435	739	435	649	435	349
55°	355	546	355	533	355	326
65°	246	329	246	368	246	236
75°	94	156	94	187	94	98
85°	16	40	16	34	16	21
90°	6	23	6	23	6	6
95°	59	271	59	271	59	66
105°	212	1843	212	1843	212	225
115°	377	2373	377	2373	377	372
125°	524	1890	524	1890	524	465
135°	624	1466	624	1466	624	483
145°	724	1190	724	1190	724	454
155°	819	1024	819	1024	819	376
165°	883	954	883	954	883	249
175°	918	925	918	925	918	87
180°	918	918	918	918	918	



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5
2.5°	1059.5	1059.5	1065.5	1067.4	1067.4	1064.5	1061.5	1064.5	1073.5	1076.4	1075.4
5°	1055.5	1063.5	1074.4	1076.4	1078.4	1077.4	1075.4	1077.4	1087.3	1089.4	1090.4
7.5°	1047.6	1062.5	1076.4	1079.4	1082.4	1079.4	1078.4	1080.4	1090.4	1092.3	1092.3
10°	1037.6	1058.5	1074.4	1076.4	1079.4	1076.4	1076.4	1080.4	1090.4	1092.3	1093.3
12.5°	1023.8	1052.5	1067.4	1069.4	1073.5	1072.5	1071.4	1075.4	1085.3	1087.3	1087.3
15°	1007.9	1041.6	1055.5	1057.6	1064.5	1062.5	1062.5	1066.4	1077.4	1080.4	1079.4
17.5°	985.9	1027.7	1043.6	1046.6	1051.5	1050.5	1051.5	1055.5	1065.5	1067.4	1068.4
20°	961.1	1008.8	1027.7	1030.7	1035.6	1035.6	1035.6	1040.7	1050.5	1054.5	1054.5
22.5°	927.3	988.9	1008.8	1010.8	1016.8	1016.8	1018.7	1025.7	1034.6	1035.6	1035.6
25°	887.5	967.1	983.9	990.0	995.9	998.9	1001.8	1005.9	1008.8	1007.9	1008.8
27.5°	845.8	939.2	961.1	965.1	973.1	976.0	980.0	981.0	982.0	984.9	983.0
30°	799.1	900.5	933.3	937.2	950.2	952.1	948.2	950.2	955.1	957.2	959.2
32.5°	746.4	842.9	904.4	913.4	925.4	919.3	918.3	921.3	929.3	929.3	931.3
35°	674.9	798.1	877.6	885.5	894.5	887.5	891.6	892.6	897.5	900.5	899.5
37.5°	596.4	759.4	849.8	855.7	862.7	853.7	859.8	862.7	866.7	864.7	864.7
40°	526.8	698.7	817.0	820.9	827.0	819.9	826.0	827.9	829.9	827.9	827.0
42.5°	475.1	632.1	782.2	787.1	783.2	788.1	790.2	794.2	791.2	787.1	787.1
45°	435.3	614.2	744.5	750.4	744.5	752.4	755.3	755.3	746.4	744.5	743.5
47.5°	422.4	578.5	706.7	706.7	703.7	713.6	718.6	711.7	702.7	699.7	699.7
50°	421.4	538.7	654.9	651.0	664.9	676.9	671.8	664.9	658.0	647.0	647.0
52.5°	382.7	489.9	588.4	603.3	625.2	632.1	624.2	617.2	605.2	600.3	596.4
55°	354.8	439.3	527.8	557.6	580.4	589.3	574.5	567.5	549.6	546.7	544.7
57.5°	348.9	365.8	472.1	509.9	537.7	536.7	527.8	514.8	499.9	497.0	496.0
60°	320.0	264.4	412.5	457.2	486.0	483.0	475.1	463.2	449.2	447.3	445.3
62.5°	290.2	191.9	344.9	395.6	436.3	435.3	428.4	410.5	400.5	395.6	391.6
65°	246.5	161.0	245.5	329.0	387.6	389.6	374.7	361.8	350.8	344.9	343.9
67.5°	187.8	131.2	166.0	274.4	341.0	338.9	320.0	314.1	300.2	297.2	291.3
70°	139.1	87.4	115.3	222.6	295.2	290.2	275.4	268.3	255.4	248.5	244.5
72.5°	115.3	70.5	84.5	172.9	248.5	242.6	229.6	221.6	210.7	204.7	200.8
75°	93.5	74.5	64.6	128.2	201.7	197.8	185.8	177.9	168.9	161.0	162.0
77.5°	68.6	69.6	51.7	94.5	160.1	154.0	147.1	137.1	133.2	125.3	125.3
80°	51.7	54.6	38.7	64.6	115.3	115.3	109.4	102.4	95.4	91.5	91.5
82.5°	34.8	34.8	28.8	40.7	78.5	75.6	71.5	69.6	65.6	63.6	63.6
85°	15.9	19.9	17.9	24.8	42.8	44.8	44.8	42.8	41.8	39.7	40.7
87.5°	4.9	9.0	11.0	13.9	21.8	22.8	23.8	23.8	23.8	24.8	24.8
90°	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2	23.4	23.4
92.5°	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0	117.1	112.4
95°	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1	397.6	383.4
97.5°	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6	917.9	891.0
100°	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2	1288.9	1256.9
102.5°	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5	1605.8	1578.4
105°	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8	1975.6	1960.9
107.5°	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4	2168.0	2171.5
110°	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7	2217.3	2232.6



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1	2185.9	2209.4
115°	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6	2079.2	2111.9
117.5°	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9	1931.8	1968.1
120°	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6	1832.6	1867.8
122.5°	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8	1733.3	1768.1
125°	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1	1602.1	1634.2
127.5°	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5	1496.7	1523.7
130°	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5	1430.1	1455.0
132.5°	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2	1373.4	1395.7
135°	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3	1293.3	1312.6
137.5°	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5	1234.1	1249.8
140°	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4	1186.6	1201.3
142.5°	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2	1153.3	1165.9
145°	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9	1103.4	1113.0
147.5°	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9	1061.5	1069.4
150°	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8	1037.4	1043.8
152.5°	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2	1018.3	1023.2
155°	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0	995.5	998.8
157.5°	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8	975.8	978.1
160°	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2	966.0	967.3
162.5°	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1	956.7	957.9
165°	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6	942.6	943.8
167.5°	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5	936.3	936.9
170°	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5	936.3	936.3
172.5°	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3	931.4	930.9
175°	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7	924.7	924.7
177.5°	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3	923.4	922.8
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5
2.5°	1077.4	1074.4	1077.4	1075.4	1076.4	1073.5	1064.5	1061.5	1064.5	1067.4	1067.4
5°	1090.4	1088.3	1090.4	1090.4	1089.4	1087.3	1077.4	1075.4	1077.4	1078.4	1076.4
7.5°	1094.3	1091.3	1094.3	1092.3	1092.3	1090.4	1080.4	1078.4	1079.4	1082.4	1079.4
10°	1094.3	1091.3	1094.3	1093.3	1092.3	1090.4	1080.4	1076.4	1076.4	1079.4	1076.4
12.5°	1089.4	1087.3	1089.4	1087.3	1087.3	1085.3	1075.4	1071.4	1072.5	1073.5	1069.4
15°	1081.4	1078.4	1081.4	1079.4	1080.4	1077.4	1066.4	1062.5	1062.5	1064.5	1057.6
17.5°	1069.4	1065.5	1069.4	1068.4	1067.4	1065.5	1055.5	1051.5	1050.5	1051.5	1046.6
20°	1055.5	1052.5	1055.5	1054.5	1054.5	1050.5	1040.7	1035.6	1035.6	1035.6	1030.7
22.5°	1033.6	1030.7	1033.6	1035.6	1035.6	1034.6	1025.7	1018.7	1016.8	1016.8	1010.8
25°	1008.8	1005.9	1008.8	1008.8	1007.9	1008.8	1005.9	1001.8	998.9	995.9	990.0
27.5°	984.9	983.0	984.9	983.0	984.9	982.0	981.0	980.0	976.0	973.1	965.1
30°	961.1	959.2	961.1	959.2	957.2	955.1	950.2	948.2	952.1	950.2	937.2
32.5°	931.3	929.3	931.3	931.3	929.3	929.3	921.3	918.3	919.3	925.4	913.4
35°	900.5	897.5	900.5	899.5	900.5	897.5	892.6	891.6	887.5	894.5	885.5
37.5°	864.7	861.7	864.7	864.7	864.7	866.7	862.7	859.8	853.7	862.7	855.7
40°	827.9	824.0	827.9	827.0	827.9	829.9	827.9	826.0	819.9	827.0	820.9
42.5°	786.2	785.2	786.2	787.1	787.1	791.2	794.2	790.2	788.1	783.2	787.1
45°	741.5	739.4	741.5	743.5	744.5	746.4	755.3	755.3	752.4	744.5	750.4
47.5°	693.8	688.7	693.8	699.7	699.7	702.7	711.7	718.6	713.6	703.7	706.7
50°	643.1	644.1	643.1	647.0	647.0	658.0	664.9	671.8	676.9	664.9	651.0
52.5°	593.4	592.4	593.4	596.4	600.3	605.2	617.2	624.2	632.1	625.2	603.3
55°	543.7	545.7	543.7	544.7	546.7	549.6	567.5	574.5	589.3	580.4	557.6
57.5°	494.0	491.0	494.0	496.0	497.0	499.9	514.8	527.8	536.7	537.7	509.9
60°	436.3	432.3	436.3	445.3	447.3	449.2	463.2	475.1	483.0	486.0	457.2
62.5°	385.6	378.7	385.6	391.6	395.6	400.5	410.5	428.4	435.3	436.3	395.6
65°	332.0	329.0	332.0	343.9	344.9	350.8	361.8	374.7	389.6	387.6	329.0
67.5°	283.3	283.3	283.3	291.3	297.2	300.2	314.1	320.0	338.9	341.0	274.4
70°	238.5	237.5	238.5	244.5	248.5	255.4	268.3	275.4	290.2	295.2	222.6
72.5°	195.8	194.8	195.8	200.8	204.7	210.7	221.6	229.6	242.6	248.5	172.9
75°	158.1	156.0	158.1	162.0	161.0	168.9	177.9	185.8	197.8	201.7	128.2
77.5°	121.2	121.2	121.2	125.3	125.3	133.2	137.1	147.1	154.0	160.1	94.5
80°	90.4	89.4	90.4	91.5	91.5	95.4	102.4	109.4	115.3	115.3	64.6
82.5°	63.6	61.7	63.6	63.6	63.6	65.6	69.6	71.5	75.6	78.5	40.7
85°	39.7	39.7	39.7	40.7	39.7	41.8	42.8	44.8	44.8	42.8	24.8
87.5°	25.9	24.8	25.9	24.8	24.8	23.8	23.8	23.8	22.8	21.8	13.9
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3	27.2	17.3
92.5°	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6	167.3	119.0
95°	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3	411.6	231.8
97.5°	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1	554.4	254.6
100°	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8	606.3	273.7
102.5°	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1	630.2	292.8
105°	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5	647.9	321.2
107.5°	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2	651.2	363.1
110°	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5	646.3	386.5



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2	646.4	414.9
115°	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3	652.4	457.3
117.5°	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5	664.4	498.6
120°	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6	674.4	522.8
122.5°	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8	688.5	551.1
125°	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0	707.7	587.5
127.5°	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7	726.8	622.6
130°	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1	740.8	646.1
132.5°	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0	752.1	665.1
135°	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1	764.4	687.4
137.5°	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5	782.9	715.7
140°	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3	794.2	734.8
142.5°	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5	803.6	749.0
145°	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6	816.0	770.5
147.5°	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5	834.0	797.6
150°	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6	843.5	811.8
152.5°	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7	849.7	821.1
155°	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3	863.2	841.4
157.5°	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8	876.8	861.7
160°	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9	883.0	871.0
162.5°	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1	889.5	880.9
165°	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2	899.0	895.0
167.5°	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7	906.3	903.0
170°	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8	912.5	912.3
172.5°	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1	916.6	918.4
177.5°	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2	917.1	918.4
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5
2.5°	1065.5	1059.5	1059.5	1049.6	1045.6	1042.6	1037.6	1022.8	1018.7	1014.8	1020.7
5°	1074.4	1063.5	1055.5	1037.6	1022.8	1016.8	997.9	962.1	938.2	920.3	910.4
7.5°	1076.4	1062.5	1047.6	1019.7	983.9	968.0	910.4	844.8	827.0	811.0	801.1
10°	1074.4	1058.5	1037.6	995.9	911.4	883.6	826.0	783.2	772.2	769.3	772.2
12.5°	1067.4	1052.5	1023.8	954.1	835.8	817.0	783.2	758.4	756.3	761.4	788.1
15°	1055.5	1041.6	1007.9	898.5	794.2	780.2	756.3	747.4	758.4	793.2	873.7
17.5°	1043.6	1027.7	985.9	843.9	762.3	752.4	735.5	753.4	815.0	861.7	888.5
20°	1027.7	1008.8	961.1	804.0	739.4	730.5	722.5	803.0	849.8	866.7	881.6
22.5°	1008.8	988.9	927.3	776.3	715.6	708.7	713.6	830.9	849.8	861.7	874.7
25°	983.9	967.1	887.5	754.3	696.7	688.7	707.7	827.9	838.8	841.9	867.7
27.5°	961.1	939.2	845.8	734.5	673.9	670.9	712.6	815.0	823.0	826.0	853.7
30°	933.3	900.5	799.1	713.6	650.0	649.0	713.6	799.1	797.1	805.0	832.9
32.5°	904.4	842.9	746.4	687.7	627.2	626.2	706.7	775.3	773.3	784.2	805.0
35°	877.6	798.1	674.9	658.0	598.3	599.3	689.7	747.4	748.4	758.4	771.2
37.5°	849.8	759.4	596.4	625.2	570.5	570.5	666.9	721.5	719.6	722.5	740.5
40°	817.0	698.7	526.8	582.4	544.7	541.7	639.0	693.8	686.8	685.8	710.7
42.5°	782.2	632.1	475.1	525.8	514.8	510.9	605.2	660.0	647.0	650.0	681.8
45°	744.5	614.2	435.3	444.3	484.0	481.1	568.5	621.2	612.3	620.2	653.0
47.5°	706.7	578.5	422.4	368.7	451.2	450.2	527.8	583.4	578.5	586.4	621.2
50°	654.9	538.7	421.4	316.1	414.5	418.4	479.1	546.7	546.7	553.6	590.4
52.5°	588.4	489.9	382.7	286.2	371.7	383.6	436.3	514.8	516.8	523.8	556.5
55°	527.8	439.3	354.8	263.4	321.0	346.9	394.6	482.0	486.0	493.0	522.8
57.5°	472.1	365.8	348.9	236.5	274.4	299.2	357.9	450.2	452.2	458.2	487.0
60°	412.5	264.4	320.0	207.7	233.6	252.4	324.0	412.5	419.4	423.4	448.3
62.5°	344.9	191.9	290.2	187.8	213.7	217.7	296.2	376.7	385.6	388.6	403.5
65°	245.5	161.0	246.5	170.9	192.9	193.8	266.4	339.9	347.9	352.8	363.8
67.5°	166.0	131.2	187.8	155.0	177.0	177.9	237.5	297.2	308.2	312.1	319.0
70°	115.3	87.4	139.1	138.1	159.1	161.0	206.7	258.5	268.3	271.3	275.4
72.5°	84.5	70.5	115.3	124.2	140.1	142.2	175.0	214.7	224.7	227.6	229.6
75°	64.6	74.5	93.5	108.4	119.3	120.2	143.2	175.0	181.9	183.9	184.9
77.5°	51.7	69.6	68.6	87.4	97.4	95.4	112.3	135.2	141.1	141.1	141.1
80°	38.7	54.6	51.7	62.6	71.5	69.6	80.5	96.4	98.4	100.4	99.4
82.5°	28.8	34.8	34.8	39.7	47.7	45.7	53.6	62.6	62.6	62.6	64.6
85°	17.9	19.9	15.9	20.8	26.9	25.9	29.8	33.8	34.8	34.8	32.8
87.5°	11.0	9.0	4.9	7.9	12.0	12.0	13.9	14.9	13.9	13.9	13.9
90°	16.0	11.1	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2
92.5°	108.5	66.6	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0
95°	212.6	135.8	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1
97.5°	237.7	170.0	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6
100°	258.4	197.0	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2
102.5°	278.5	221.3	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5
105°	309.0	260.5	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8
107.5°	351.8	306.6	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4
110°	376.3	335.4	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.2	366.3	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1
115°	448.4	412.5	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6
117.5°	490.5	457.9	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9
120°	515.0	484.4	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6
122.5°	543.4	512.4	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8
125°	580.4	552.2	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1
127.5°	615.5	587.0	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5
130°	638.3	607.7	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5
132.5°	657.4	626.8	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2
135°	680.3	652.4	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3
137.5°	708.8	681.0	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5
140°	728.5	703.0	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4
142.5°	743.1	719.6	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2
145°	765.4	744.9	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9
147.5°	792.6	772.6	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9
150°	807.3	789.2	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8
152.5°	817.7	804.0	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2
155°	838.8	828.7	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0
157.5°	859.3	849.5	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8
160°	869.1	861.4	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2
162.5°	879.4	873.7	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1
165°	893.7	888.5	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6
167.5°	902.4	900.0	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5
170°	911.7	909.3	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5
172.5°	912.8	912.2	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3
175°	918.4	918.4	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7
177.5°	918.4	918.4	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5	1050.5
2.5°	1013.8	1010.8	1014.8	1003.8	1014.8	1010.8	1013.8	1020.7	1014.8	1018.7	1022.8
5°	889.6	884.6	868.6	855.7	868.6	884.6	889.6	910.4	920.3	938.2	962.1
7.5°	795.1	791.2	787.1	779.2	787.1	791.2	795.1	801.1	811.0	827.0	844.8
10°	774.3	775.3	781.2	780.2	781.2	775.3	774.3	772.2	769.3	772.2	783.2
12.5°	827.9	836.8	869.6	867.7	869.6	836.8	827.9	788.1	761.4	756.3	758.4
15°	889.6	892.6	899.5	900.5	899.5	892.6	889.6	873.7	793.2	758.4	747.4
17.5°	895.5	896.5	901.5	901.5	901.5	896.5	895.5	888.5	861.7	815.0	753.4
20°	890.6	892.6	902.4	904.4	902.4	892.6	890.6	881.6	866.7	849.8	803.0
22.5°	888.5	892.6	900.5	899.5	900.5	892.6	888.5	874.7	861.7	849.8	830.9
25°	878.6	878.6	879.6	880.6	879.6	878.6	878.6	867.7	841.9	838.8	827.9
27.5°	857.8	859.8	865.7	864.7	865.7	859.8	857.8	853.7	826.0	823.0	815.0
30°	838.8	836.8	831.9	827.9	831.9	836.8	838.8	832.9	805.0	797.1	799.1
32.5°	807.1	802.1	797.1	794.2	797.1	802.1	807.1	805.0	784.2	773.3	775.3
35°	769.3	770.2	769.3	766.3	769.3	770.2	769.3	771.2	758.4	748.4	747.4
37.5°	742.5	744.5	743.5	739.4	743.5	744.5	742.5	740.5	722.5	719.6	721.5
40°	714.6	715.6	714.6	711.7	714.6	715.6	714.6	710.7	685.8	686.8	693.8
42.5°	687.7	686.8	683.8	681.8	683.8	686.8	687.7	681.8	650.0	647.0	660.0
45°	657.0	658.0	652.0	649.0	652.0	658.0	657.0	653.0	620.2	612.3	621.2
47.5°	626.2	626.2	621.2	618.2	621.2	626.2	626.2	621.2	586.4	578.5	583.4
50°	593.4	592.4	585.4	584.4	585.4	592.4	593.4	590.4	553.6	546.7	546.7
52.5°	555.6	555.6	556.5	558.6	556.5	555.6	555.6	556.5	523.8	516.8	514.8
55°	522.8	523.8	530.8	532.7	530.8	523.8	522.8	522.8	493.0	486.0	482.0
57.5°	489.0	489.0	494.0	494.0	494.0	489.0	489.0	487.0	458.2	452.2	450.2
60°	450.2	452.2	456.2	455.2	456.2	452.2	450.2	448.3	423.4	419.4	412.5
62.5°	409.5	411.5	412.5	410.5	412.5	411.5	409.5	403.5	388.6	385.6	376.7
65°	366.7	368.7	369.7	367.7	369.7	368.7	366.7	363.8	352.8	347.9	339.9
67.5°	323.0	322.0	321.0	325.1	321.0	322.0	323.0	319.0	312.1	308.2	297.2
70°	278.3	278.3	277.3	279.3	277.3	278.3	278.3	275.4	271.3	268.3	258.5
72.5°	230.6	229.6	233.6	230.6	233.6	229.6	230.6	229.6	227.6	224.7	214.7
75°	183.9	185.8	183.9	186.8	183.9	185.8	183.9	184.9	183.9	181.9	175.0
77.5°	140.1	142.2	140.1	140.1	140.1	142.2	140.1	141.1	141.1	141.1	135.2
80°	99.4	98.4	98.4	97.4	98.4	98.4	99.4	99.4	100.4	98.4	96.4
82.5°	63.6	62.6	62.6	64.6	62.6	62.6	63.6	64.6	62.6	62.6	62.6
85°	34.8	35.8	33.8	33.8	33.8	35.8	34.8	32.8	34.8	34.8	33.8
87.5°	12.9	12.0	12.0	12.0	12.0	12.0	12.9	13.9	13.9	13.9	14.9
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3
92.5°	117.1	112.4	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6
95°	397.6	383.4	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3
97.5°	917.9	891.0	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1
100°	1288.9	1256.9	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8
102.5°	1605.8	1578.4	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1
105°	1975.6	1960.9	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5
107.5°	2168.0	2171.5	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2
110°	2217.3	2232.6	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2185.9	2209.4	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2
115°	2079.2	2111.9	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3
117.5°	1931.8	1968.1	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5
120°	1832.6	1867.8	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6
122.5°	1733.3	1768.1	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8
125°	1602.1	1634.2	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0
127.5°	1496.7	1523.7	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7
130°	1430.1	1455.0	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1
132.5°	1373.4	1395.7	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0
135°	1293.3	1312.6	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1
137.5°	1234.1	1249.8	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5
140°	1186.6	1201.3	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3
142.5°	1153.3	1165.9	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5
145°	1103.4	1113.0	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6
147.5°	1061.5	1069.4	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5
150°	1037.4	1043.8	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6
152.5°	1018.3	1023.2	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7
155°	995.5	998.8	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3
157.5°	975.8	978.1	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8
160°	966.0	967.3	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9
162.5°	956.7	957.9	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1
165°	942.6	943.8	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2
167.5°	936.3	936.9	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7
170°	936.3	936.3	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8
172.5°	931.4	930.9	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1
177.5°	923.4	922.8	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1050.5	1050.5	1050.5	1050.5	1050.5
2.5°	1037.6	1042.6	1045.6	1049.6	1059.5
5°	997.9	1016.8	1022.8	1037.6	1055.5
7.5°	910.4	968.0	983.9	1019.7	1047.6
10°	826.0	883.6	911.4	995.9	1037.6
12.5°	783.2	817.0	835.8	954.1	1023.8
15°	756.3	780.2	794.2	898.5	1007.9
17.5°	735.5	752.4	762.3	843.9	985.9
20°	722.5	730.5	739.4	804.0	961.1
22.5°	713.6	708.7	715.6	776.3	927.3
25°	707.7	688.7	696.7	754.3	887.5
27.5°	712.6	670.9	673.9	734.5	845.8
30°	713.6	649.0	650.0	713.6	799.1
32.5°	706.7	626.2	627.2	687.7	746.4
35°	689.7	599.3	598.3	658.0	674.9
37.5°	666.9	570.5	570.5	625.2	596.4
40°	639.0	541.7	544.7	582.4	526.8
42.5°	605.2	510.9	514.8	525.8	475.1
45°	568.5	481.1	484.0	444.3	435.3
47.5°	527.8	450.2	451.2	368.7	422.4
50°	479.1	418.4	414.5	316.1	421.4
52.5°	436.3	383.6	371.7	286.2	382.7
55°	394.6	346.9	321.0	263.4	354.8
57.5°	357.9	299.2	274.4	236.5	348.9
60°	324.0	252.4	233.6	207.7	320.0
62.5°	296.2	217.7	213.7	187.8	290.2
65°	266.4	193.8	192.9	170.9	246.5
67.5°	237.5	177.9	177.0	155.0	187.8
70°	206.7	161.0	159.1	138.1	139.1
72.5°	175.0	142.2	140.1	124.2	115.3
75°	143.2	120.2	119.3	108.4	93.5
77.5°	112.3	95.4	97.4	87.4	68.6
80°	80.5	69.6	71.5	62.6	51.7
82.5°	53.6	45.7	47.7	39.7	34.8
85°	29.8	25.9	26.9	20.8	15.9
87.5°	13.9	12.0	12.0	7.9	4.9
90°	27.2	17.3	16.0	11.1	6.1
92.5°	167.3	119.0	108.5	66.6	24.7
95°	411.6	231.8	212.6	135.8	59.2
97.5°	554.4	254.6	237.7	170.0	102.4
100°	606.3	273.7	258.4	197.0	135.7
102.5°	630.2	292.8	278.5	221.3	164.0
105°	647.9	321.2	309.0	260.5	212.0
107.5°	651.2	363.1	351.8	306.6	261.3
110°	646.3	386.5	376.3	335.4	294.6



TEST NUMBER: P935019

CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	646.4	414.9	405.2	366.3	327.3
115°	652.4	457.3	448.4	412.5	376.6
117.5°	664.4	498.6	490.5	457.9	425.3
120°	674.4	522.8	515.0	484.4	453.7
122.5°	688.5	551.1	543.4	512.4	481.5
125°	707.7	587.5	580.4	552.2	523.9
127.5°	726.8	622.6	615.5	587.0	558.5
130°	740.8	646.1	638.3	607.7	577.0
132.5°	752.1	665.1	657.4	626.8	596.1
135°	764.4	687.4	680.3	652.4	624.4
137.5°	782.9	715.7	708.8	681.0	653.4
140°	794.2	734.8	728.5	703.0	677.5
142.5°	803.6	749.0	743.1	719.6	695.9
145°	816.0	770.5	765.4	744.9	724.3
147.5°	834.0	797.6	792.6	772.6	752.7
150°	843.5	811.8	807.3	789.2	771.1
152.5°	849.7	821.1	817.7	804.0	790.3
155°	863.2	841.4	838.8	828.7	818.7
157.5°	876.8	861.7	859.3	849.5	839.6
160°	883.0	871.0	869.1	861.4	853.7
162.5°	889.5	880.9	879.4	873.7	868.0
165°	899.0	895.0	893.7	888.5	883.4
167.5°	906.3	903.0	902.4	900.0	897.5
170°	912.5	912.3	911.7	909.3	906.8
172.5°	912.9	912.9	912.8	912.2	911.7
175°	916.6	918.4	918.4	918.4	918.4
177.5°	917.1	918.4	918.4	918.4	918.4
180°	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935019
 CATALOG NUMBER: SQ4-FA-100U-050D-840-1D-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	9.28	10.00	10.38	11.10	12.61	12.11	12.82	13.21	13.92	15.43
	3H	9.75	10.39	10.86	11.50	13.03	13.44	14.08	14.55	15.19	16.72
	4H	9.93	10.54	11.05	11.65	13.18	13.87	14.48	15.00	15.59	17.13
	6H	10.04	10.60	11.17	11.71	13.26	14.15	14.71	15.28	15.82	17.37
	8H	10.04	10.57	11.17	11.70	13.24	14.22	14.75	15.35	15.88	17.42
	12H	10.01	10.51	11.14	11.63	13.20	14.25	14.76	15.39	15.88	17.44
4H	2H	10.29	10.90	11.42	12.01	13.55	12.50	13.11	13.63	14.21	15.75
	3H	11.31	11.81	12.44	12.95	14.50	13.99	14.49	15.12	15.63	17.18
	4H	11.58	12.04	12.72	13.17	14.74	14.51	14.97	15.65	16.10	17.67
	6H	11.69	12.09	12.84	13.24	14.80	14.86	15.26	16.01	16.41	17.97
	8H	11.70	12.07	12.84	13.21	14.78	14.97	15.34	16.11	16.48	18.05
	12H	11.66	11.99	12.82	13.14	14.73	15.01	15.35	16.17	16.50	18.08
8H	4H	12.02	12.39	13.16	13.53	15.11	14.62	14.99	15.76	16.13	17.71
	6H	12.27	12.58	13.44	13.76	15.34	15.05	15.36	16.21	16.54	18.11
	8H	12.32	12.58	13.48	13.74	15.34	15.20	15.47	16.37	16.63	18.22
	12H	12.29	12.53	13.47	13.68	15.31	15.29	15.53	16.46	16.68	18.31
12H	4H	12.02	12.36	13.18	13.51	15.09	14.58	14.92	15.74	16.07	17.65
	6H	12.33	12.60	13.50	13.76	15.36	15.05	15.31	16.22	16.47	18.07
	8H	12.39	12.63	13.57	13.79	15.41	15.20	15.44	16.37	16.59	18.22