

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: P935411

Luminaire Tested: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

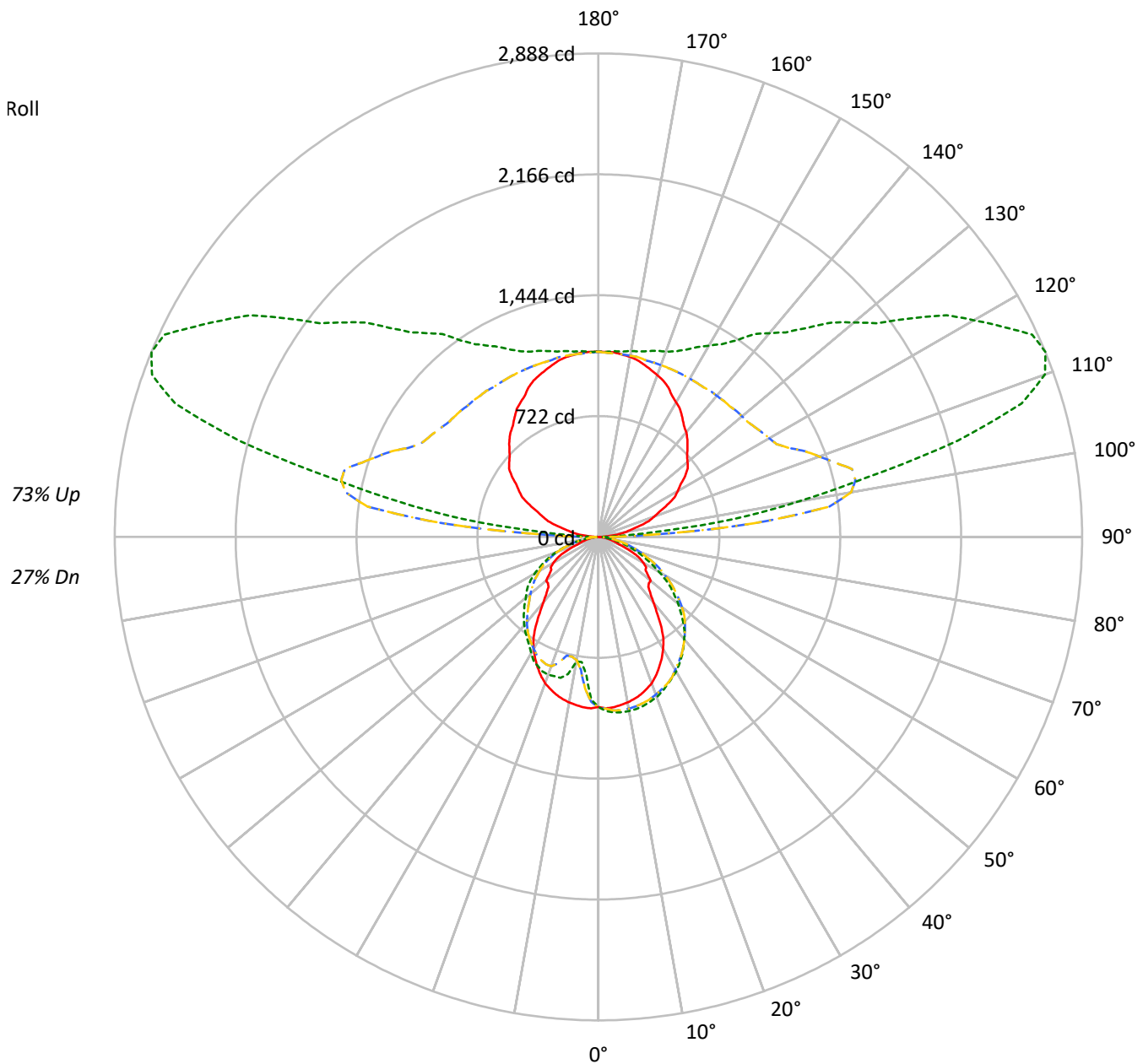
Test Method: LM-79-2019  
Report Number: P935411  
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9811.4 lumens  
Efficiency: N/A  
Efficacy: 137.4 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): 71.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7				7

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	6288	6288	6288	6288
5°	6333	6347	6333	4991
10°	6288	6253	6288	4471
15°	6218	6118	6218	5108
20°	6085	5957	6085	5119
25°	5817	5723	5817	5010
30°	5470	5529	5470	4772
35°	4875	5283	4875	4511
40°	4059	4994	4059	4313
45°	3624	4655	3624	4085
50°	3847	4251	3847	3857
55°	3616	3816	3616	3725
60°	3723	3240	3723	3411
65°	3371	2678	3371	2994
70°	2328	2134	2328	2510
75°	2034	1578	2034	1890
80°	1627	1043	1627	1137
85°	918	552	918	470

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5559 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.8	0.9
10°-20°	260.5	2.7
20°-30°	402.7	4.1
30°-40°	480.8	4.9
40°-50°	483.6	4.9
50°-60°	420.8	4.3
60°-70°	298.3	3.0
70°-80°	157.8	1.6
80°-90°	43.5	0.4
90°-100°	539.3	5.5
100°-110°	1417.7	14.4
110°-120°	1470.0	15.0
120°-130°	1179.1	12.0
130°-140°	925.2	9.4
140°-150°	710.1	7.2
150°-160°	511.4	5.2
160°-170°	312.9	3.2
170°-180°	105.7	1.1
0°-30°	755.0	7.7
0°-40°	1235.8	12.6
0°-60°	2140.2	21.8
0°-90°	2639.9	26.9
90°-120°	3427.0	34.9
90°-150°	6241.4	63.6
90°-180°	7171.0	73.1
0°-180°	9811.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1016	1016	1016	1016	1016	
5°	1021	1053	1021	828	1021	97
15°	975	1044	975	871	975	274
25°	859	973	859	852	859	394
35°	653	868	653	742	653	404
45°	421	716	421	628	421	337
55°	343	528	343	516	343	315
65°	238	318	238	356	238	228
75°	90	151	90	181	90	95
85°	15	38	15	33	15	21
90°	8	28	8	28	8	7
95°	71	326	71	326	71	79
105°	255	2220	255	2220	255	271
115°	454	2858	454	2858	454	448
125°	631	2276	631	2276	631	560
135°	752	1766	752	1766	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1149	1064	1149	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5
2.5°	1025.2	1025.2	1031.0	1032.9	1032.9	1030.0	1027.1	1030.0	1038.7	1041.6	1040.6
5°	1021.3	1029.0	1039.6	1041.6	1043.5	1042.5	1040.6	1042.5	1052.1	1054.1	1055.0
7.5°	1013.6	1028.1	1041.6	1044.4	1047.3	1044.4	1043.5	1045.4	1055.0	1057.0	1057.0
10°	1004.0	1024.3	1039.6	1041.6	1044.4	1041.6	1041.6	1045.4	1055.0	1057.0	1057.9
12.5°	990.6	1018.4	1032.9	1034.8	1038.7	1037.7	1036.7	1040.6	1050.2	1052.1	1052.1
15°	975.2	1007.9	1021.3	1023.3	1030.0	1028.1	1028.1	1031.9	1042.5	1045.4	1044.4
17.5°	954.0	994.4	1009.8	1012.7	1017.5	1016.5	1017.5	1021.3	1031.0	1032.9	1033.8
20°	930.0	976.2	994.4	997.3	1002.1	1002.1	1002.1	1007.0	1016.5	1020.3	1020.3
22.5°	897.3	956.9	976.2	978.1	983.8	983.8	985.7	992.5	1001.1	1002.1	1002.1
25°	858.8	935.7	952.1	957.9	963.6	966.5	969.4	973.3	976.2	975.2	976.2
27.5°	818.4	908.8	930.0	933.8	941.6	944.4	948.3	949.2	950.2	953.0	951.1
30°	773.2	871.3	903.0	906.9	919.4	921.3	917.5	919.4	924.2	926.2	928.1
32.5°	722.3	815.6	875.1	883.8	895.4	889.6	888.6	891.5	899.2	899.2	901.1
35°	653.0	772.3	849.2	856.9	865.6	858.8	862.7	863.7	868.4	871.3	870.3
37.5°	577.0	734.8	822.3	828.0	834.8	826.1	831.9	834.8	838.6	836.7	836.7
40°	509.7	676.1	790.5	794.3	800.2	793.4	799.2	801.1	803.0	801.1	800.2
42.5°	459.7	611.6	756.9	761.6	757.8	762.6	764.6	768.4	765.6	761.6	761.6
45°	421.2	594.3	720.3	726.1	720.3	728.0	730.9	730.9	722.3	720.3	719.4
47.5°	408.7	559.7	683.8	683.8	680.9	690.5	695.3	688.6	679.9	677.0	677.0
50°	407.7	521.2	633.7	629.9	643.4	655.0	650.1	643.4	636.7	626.1	626.1
52.5°	370.3	474.1	569.3	583.7	605.0	611.6	604.0	597.2	585.6	580.9	577.0
55°	343.3	425.0	510.7	539.6	561.6	570.3	555.9	549.1	531.8	529.0	527.0
57.5°	337.6	353.9	456.8	493.4	520.3	519.3	510.7	498.2	483.7	480.9	479.9
60°	309.6	255.8	399.1	442.4	470.3	467.4	459.7	448.2	434.7	432.8	430.9
62.5°	280.8	185.7	333.7	382.8	422.2	421.2	414.5	397.2	387.6	382.8	379.0
65°	238.5	155.8	237.6	318.3	375.0	377.0	362.6	350.1	339.5	333.7	332.8
67.5°	181.7	127.0	160.6	265.5	329.9	327.9	309.6	303.9	290.4	287.6	281.8
70°	134.6	84.6	111.6	215.4	285.7	280.8	266.4	259.6	247.1	240.4	236.6
72.5°	111.6	68.3	81.7	167.3	240.4	234.7	222.2	214.4	203.9	198.1	194.3
75°	90.4	72.1	62.5	124.1	195.2	191.4	179.8	172.2	163.5	155.8	156.8
77.5°	66.3	67.3	50.0	91.4	154.9	149.0	142.3	132.7	128.9	121.2	121.2
80°	50.0	52.9	37.5	62.5	111.6	111.6	105.8	99.0	92.3	88.5	88.5
82.5°	33.7	33.7	27.9	39.4	76.0	73.1	69.2	67.3	63.5	61.6	61.6
85°	15.4	19.2	17.3	24.0	41.4	43.3	43.3	41.4	40.4	38.4	39.4
87.5°	4.8	8.7	10.6	13.5	21.1	22.1	23.0	23.0	23.0	24.0	24.0
90°	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6	28.2	28.2
92.5°	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9	478.9	461.8
97.5°	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4	1105.5	1073.2
100°	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6	1552.4	1513.9
102.5°	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3	1934.1	1901.1
105°	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8	2379.6	2361.8
107.5°	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6	2611.2	2615.5
110°	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4	2670.7	2689.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6	2632.7	2661.1
115°	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1	2504.3	2543.7
117.5°	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2	2326.9	2370.5
120°	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0	2207.3	2249.8
122.5°	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7	2087.8	2129.6
125°	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1	1929.7	1968.2
127.5°	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3	1802.7	1835.2
130°	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8	1722.5	1752.5
132.5°	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5	1654.2	1681.0
135°	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2	1557.7	1580.8
137.5°	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1	1486.4	1505.3
140°	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4	1429.2	1447.0
142.5°	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6	1389.2	1404.5
145°	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1	1329.0	1340.6
147.5°	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4	1278.6	1288.1
150°	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1	1249.6	1257.3
152.5°	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7	1226.5	1232.4
155°	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5	1199.1	1203.0
157.5°	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6	1175.3	1178.0
160°	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6	1163.5	1165.0
162.5°	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2	1152.3	1153.8
165°	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9	1135.2	1136.8
167.5°	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4	1127.8	1128.5
170°	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4	1127.8	1127.8
172.5°	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4	1121.9	1121.3
175°	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1	1113.7	1113.7
177.5°	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5	1112.2	1111.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5
2.5°	1042.5	1039.6	1042.5	1040.6	1041.6	1038.7	1030.0	1027.1	1030.0	1032.9	1032.9
5°	1055.0	1053.0	1055.0	1055.0	1054.1	1052.1	1042.5	1040.6	1042.5	1043.5	1041.6
7.5°	1058.9	1056.0	1058.9	1057.0	1057.0	1055.0	1045.4	1043.5	1044.4	1047.3	1044.4
10°	1058.9	1056.0	1058.9	1057.9	1057.0	1055.0	1045.4	1041.6	1041.6	1044.4	1041.6
12.5°	1054.1	1052.1	1054.1	1052.1	1052.1	1050.2	1040.6	1036.7	1037.7	1038.7	1034.8
15°	1046.3	1043.5	1046.3	1044.4	1045.4	1042.5	1031.9	1028.1	1028.1	1030.0	1023.3
17.5°	1034.8	1031.0	1034.8	1033.8	1032.9	1031.0	1021.3	1017.5	1016.5	1017.5	1012.7
20°	1021.3	1018.4	1021.3	1020.3	1020.3	1016.5	1007.0	1002.1	1002.1	1002.1	997.3
22.5°	1000.2	997.3	1000.2	1002.1	1002.1	1001.1	992.5	985.7	983.8	983.8	978.1
25°	976.2	973.3	976.2	976.2	975.2	976.2	973.3	969.4	966.5	963.6	957.9
27.5°	953.0	951.1	953.0	951.1	953.0	950.2	949.2	948.3	944.4	941.6	933.8
30°	930.0	928.1	930.0	928.1	926.2	924.2	919.4	917.5	921.3	919.4	906.9
32.5°	901.1	899.2	901.1	901.1	899.2	899.2	891.5	888.6	889.6	895.4	883.8
35°	871.3	868.4	871.3	870.3	871.3	868.4	863.7	862.7	858.8	865.6	856.9
37.5°	836.7	833.8	836.7	836.7	836.7	838.6	834.8	831.9	826.1	834.8	828.0
40°	801.1	797.3	801.1	800.2	801.1	803.0	801.1	799.2	793.4	800.2	794.3
42.5°	760.7	759.7	760.7	761.6	761.6	765.6	768.4	764.6	762.6	757.8	761.6
45°	717.5	715.5	717.5	719.4	720.3	722.3	730.9	730.9	728.0	720.3	726.1
47.5°	671.3	666.4	671.3	677.0	677.0	679.9	688.6	695.3	690.5	680.9	683.8
50°	622.3	623.2	622.3	626.1	626.1	636.7	643.4	650.1	655.0	643.4	629.9
52.5°	574.2	573.2	574.2	577.0	580.9	585.6	597.2	604.0	611.6	605.0	583.7
55°	526.1	528.0	526.1	527.0	529.0	531.8	549.1	555.9	570.3	561.6	539.6
57.5°	478.0	475.1	478.0	479.9	480.9	483.7	498.2	510.7	519.3	520.3	493.4
60°	422.2	418.3	422.2	430.9	432.8	434.7	448.2	459.7	467.4	470.3	442.4
62.5°	373.1	366.4	373.1	379.0	382.8	387.6	397.2	414.5	421.2	422.2	382.8
65°	321.2	318.3	321.2	332.8	333.7	339.5	350.1	362.6	377.0	375.0	318.3
67.5°	274.1	274.1	274.1	281.8	287.6	290.4	303.9	309.6	327.9	329.9	265.5
70°	230.8	229.8	230.8	236.6	240.4	247.1	259.6	266.4	280.8	285.7	215.4
72.5°	189.5	188.5	189.5	194.3	198.1	203.9	214.4	222.2	234.7	240.4	167.3
75°	153.0	151.0	153.0	156.8	155.8	163.5	172.2	179.8	191.4	195.2	124.1
77.5°	117.3	117.3	117.3	121.2	121.2	128.9	132.7	142.3	149.0	154.9	91.4
80°	87.5	86.5	87.5	88.5	88.5	92.3	99.0	105.8	111.6	111.6	62.5
82.5°	61.6	59.7	61.6	61.6	61.6	63.5	67.3	69.2	73.1	76.0	39.4
85°	38.4	38.4	38.4	39.4	38.4	40.4	41.4	43.3	43.3	41.4	24.0
87.5°	25.0	24.0	25.0	24.0	24.0	23.0	23.0	23.0	22.1	21.1	13.5
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5	32.6	20.7
92.5°	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0	201.4	143.3
95°	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5	495.7	279.2
97.5°	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2	667.7	306.6
100°	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6	730.3	329.6
102.5°	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8	759.1	352.7
105°	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0	780.3	386.8
107.5°	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9	784.3	437.3
110°	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4	778.3	465.5





TEST NUMBER: P935411

CATALOG NUMBER: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5	778.6	499.7
115°	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9	785.8	550.9
117.5°	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6	800.4	600.7
120°	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7	812.2	629.6
122.5°	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1	829.3	663.8
125°	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4	852.4	707.5
127.5°	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7	875.4	749.9
130°	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2	892.1	778.1
132.5°	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4	905.8	801.1
135°	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4	920.6	827.8
137.5°	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8	942.9	862.0
140°	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9	956.5	885.0
142.5°	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7	968.0	902.1
145°	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7	982.8	928.1
147.5°	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0	1004.6	960.8
150°	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7	1015.9	977.8
152.5°	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2	1023.4	989.0
155°	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6	1039.6	1013.5
157.5°	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1	1056.0	1037.9
160°	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6	1063.5	1049.1
162.5°	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3	1071.4	1061.0
165°	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0	1082.8	1078.1
167.5°	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9	1091.7	1087.7
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4	1099.1	1098.8
172.5°	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1	1104.1	1106.3
177.5°	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2	1104.6	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935411  
 CATALOG NUMBER: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5
2.5°	1031.0	1025.2	1025.2	1015.6	1011.7	1008.9	1004.0	989.7	985.7	981.9	987.6
5°	1039.6	1029.0	1021.3	1004.0	989.7	983.8	965.6	931.0	907.8	890.5	881.0
7.5°	1041.6	1028.1	1013.6	986.7	952.1	936.7	881.0	817.5	800.2	784.8	775.1
10°	1039.6	1024.3	1004.0	963.6	881.9	855.0	799.2	757.8	747.2	744.3	747.2
12.5°	1032.9	1018.4	990.6	923.2	808.8	790.5	757.8	733.8	731.8	736.7	762.6
15°	1021.3	1007.9	975.2	869.4	768.4	755.0	731.8	723.2	733.8	767.5	845.4
17.5°	1009.8	994.4	954.0	816.5	737.6	728.0	711.6	728.9	788.6	833.8	859.7
20°	994.4	976.2	930.0	778.0	715.5	706.9	699.1	777.0	822.3	838.6	853.0
22.5°	976.2	956.9	897.3	751.1	692.4	685.7	690.5	804.0	822.3	833.8	846.3
25°	952.1	935.7	858.8	729.9	674.2	666.4	684.8	801.1	811.6	814.6	839.6
27.5°	930.0	908.8	818.4	710.7	652.1	649.1	689.6	788.6	796.3	799.2	826.1
30°	903.0	871.3	773.2	690.5	629.0	628.0	690.5	773.2	771.3	778.9	805.9
32.5°	875.1	815.6	722.3	665.5	606.9	605.9	683.8	750.2	748.3	758.8	778.9
35°	849.2	772.3	653.0	636.7	579.0	579.9	667.4	723.2	724.2	733.8	746.3
37.5°	822.3	734.8	577.0	605.0	552.0	552.0	645.3	698.2	696.3	699.1	716.5
40°	790.5	676.1	509.7	563.6	527.0	524.2	618.3	671.3	664.5	663.6	687.7
42.5°	756.9	611.6	459.7	508.8	498.2	494.3	585.6	638.6	626.1	629.0	659.7
45°	720.3	594.3	421.2	429.9	468.3	465.5	550.1	601.0	592.4	600.1	631.8
47.5°	683.8	559.7	408.7	356.8	436.6	435.6	510.7	564.5	559.7	567.4	601.0
50°	633.7	521.2	407.7	305.8	401.0	404.9	463.6	529.0	529.0	535.6	571.3
52.5°	569.3	474.1	370.3	277.0	359.6	371.2	422.2	498.2	500.1	506.9	538.5
55°	510.7	425.0	343.3	254.9	310.6	335.7	381.8	466.4	470.3	477.0	505.8
57.5°	456.8	353.9	337.6	228.9	265.5	289.5	346.3	435.6	437.6	443.4	471.2
60°	399.1	255.8	309.6	201.0	226.0	244.3	313.5	399.1	405.8	409.6	433.7
62.5°	333.7	185.7	280.8	181.7	206.8	210.6	286.6	364.5	373.1	376.0	390.4
65°	237.6	155.8	238.5	165.4	186.6	187.6	257.7	328.9	336.6	341.4	352.0
67.5°	160.6	127.0	181.7	150.0	171.2	172.2	229.8	287.6	298.2	302.0	308.7
70°	111.6	84.6	134.6	133.6	153.9	155.8	200.0	250.1	259.6	262.5	266.4
72.5°	81.7	68.3	111.6	120.2	135.6	137.6	169.3	207.7	217.4	220.3	222.2
75°	62.5	72.1	90.4	104.9	115.4	116.3	138.5	169.3	176.0	177.9	178.9
77.5°	50.0	67.3	66.3	84.6	94.3	92.3	108.7	130.8	136.5	136.5	136.5
80°	37.5	52.9	50.0	60.6	69.2	67.3	77.9	93.3	95.2	97.1	96.2
82.5°	27.9	33.7	33.7	38.4	46.2	44.3	51.9	60.6	60.6	60.6	62.5
85°	17.3	19.2	15.4	20.2	26.0	25.0	28.9	32.7	33.7	33.7	31.7
87.5°	10.6	8.7	4.8	7.6	11.6	11.6	13.5	14.4	13.5	13.5	13.5
90°	19.3	13.4	7.5	13.4	19.3	20.7	32.6	48.5	56.4	50.1	37.6
92.5°	130.7	80.2	29.7	80.2	130.7	143.3	201.4	279.0	317.8	278.5	200.0
95°	256.0	163.7	71.3	163.7	256.0	279.2	495.7	784.5	928.8	828.9	628.9
97.5°	286.2	204.7	123.2	204.7	286.2	306.6	667.7	1149.2	1389.9	1326.7	1200.4
100°	311.2	237.3	163.4	237.3	311.2	329.6	730.3	1264.6	1531.7	1536.3	1545.6
102.5°	335.5	266.4	197.5	266.4	335.5	352.7	759.1	1300.8	1571.8	1652.3	1813.3
105°	372.2	313.9	255.4	313.9	372.2	386.8	780.3	1305.0	1567.4	1747.9	2108.8
107.5°	423.7	369.2	314.8	369.2	423.7	437.3	784.3	1246.9	1478.3	1730.1	2233.6
110°	453.1	404.0	354.9	404.0	453.1	465.5	778.3	1195.4	1404.0	1685.4	2248.4



TEST NUMBER: P935411

CATALOG NUMBER: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	487.9	441.1	394.3	441.1	487.9	499.7	778.6	1150.5	1336.4	1624.4	2200.6
115°	540.1	496.8	453.6	496.8	540.1	550.9	785.8	1098.9	1255.5	1533.0	2088.1
117.5°	590.8	551.6	512.3	551.6	590.8	600.7	800.4	1066.6	1199.8	1450.3	1951.2
120°	620.3	583.4	546.4	583.4	620.3	629.6	812.2	1055.7	1177.5	1406.4	1864.0
122.5°	654.5	617.2	579.9	617.2	654.5	663.8	829.3	1050.1	1160.5	1366.6	1778.7
125°	699.0	665.1	631.1	665.1	699.0	707.5	852.4	1045.4	1141.9	1317.0	1667.1
127.5°	741.3	707.0	672.6	707.0	741.3	749.9	875.4	1042.7	1126.4	1276.6	1577.3
130°	768.8	731.9	694.9	731.9	768.8	778.1	892.1	1044.2	1120.3	1254.2	1521.8
132.5°	791.9	755.0	718.0	755.0	791.9	801.1	905.8	1045.4	1115.2	1235.0	1474.5
135°	819.4	785.7	752.1	785.7	819.4	827.8	920.6	1044.4	1106.3	1206.6	1407.2
137.5°	853.7	820.3	787.0	820.3	853.7	862.0	942.9	1050.8	1104.8	1189.6	1359.1
140°	877.3	846.6	815.9	846.6	877.3	885.0	956.5	1051.9	1099.6	1172.8	1319.4
142.5°	895.0	866.6	838.2	866.6	895.0	902.1	968.0	1055.7	1099.6	1163.9	1292.6
145°	921.9	897.1	872.4	897.1	921.9	928.1	982.8	1055.7	1092.1	1144.8	1250.1
147.5°	954.8	930.7	906.6	930.7	954.8	960.8	1004.6	1063.0	1092.1	1133.5	1216.4
150°	972.3	950.6	928.8	950.6	972.3	977.8	1015.9	1066.7	1092.1	1127.1	1197.1
152.5°	984.9	968.3	951.8	968.3	984.9	989.0	1023.4	1069.2	1092.1	1122.0	1181.7
155°	1010.4	998.3	986.0	998.3	1010.4	1013.5	1039.6	1074.6	1092.1	1115.9	1163.5
157.5°	1035.0	1023.1	1011.3	1023.1	1035.0	1037.9	1056.0	1080.1	1092.1	1110.6	1147.6
160°	1046.8	1037.5	1028.3	1037.5	1046.8	1049.1	1063.5	1082.6	1092.1	1108.0	1139.6
162.5°	1059.2	1052.3	1045.4	1052.3	1059.2	1061.0	1071.4	1085.3	1092.1	1105.5	1132.2
165°	1076.6	1070.2	1063.9	1070.2	1076.6	1078.1	1082.8	1089.0	1092.1	1101.7	1120.9
167.5°	1087.0	1084.0	1081.0	1084.0	1087.0	1087.7	1091.7	1096.9	1099.6	1105.9	1118.4
170°	1098.1	1095.1	1092.1	1095.1	1098.1	1098.8	1099.1	1099.4	1099.6	1105.9	1118.4
172.5°	1099.4	1098.7	1098.1	1098.7	1099.4	1099.6	1099.6	1099.6	1099.6	1104.6	1114.4
175°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.1	1101.1	1099.6	1102.7	1109.1
177.5°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1104.6	1102.2	1101.0	1103.5	1108.5
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935411  
 CATALOG NUMBER: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5	1016.5
2.5°	981.0	978.1	981.9	971.3	981.9	978.1	981.0	987.6	981.9	985.7	989.7
5°	860.8	855.9	840.5	828.0	840.5	855.9	860.8	881.0	890.5	907.8	931.0
7.5°	769.4	765.6	761.6	754.0	761.6	765.6	769.4	775.1	784.8	800.2	817.5
10°	749.2	750.2	755.9	755.0	755.9	750.2	749.2	747.2	744.3	747.2	757.8
12.5°	801.1	809.7	841.5	839.6	841.5	809.7	801.1	762.6	736.7	731.8	733.8
15°	860.8	863.7	870.3	871.3	870.3	863.7	860.8	845.4	767.5	733.8	723.2
17.5°	866.5	867.5	872.3	872.3	872.3	867.5	866.5	859.7	833.8	788.6	728.9
20°	861.7	863.7	873.2	875.1	873.2	863.7	861.7	853.0	838.6	822.3	777.0
22.5°	859.7	863.7	871.3	870.3	871.3	863.7	859.7	846.3	833.8	822.3	804.0
25°	850.2	850.2	851.1	852.1	851.1	850.2	850.2	839.6	814.6	811.6	801.1
27.5°	830.0	831.9	837.6	836.7	837.6	831.9	830.0	826.1	799.2	796.3	788.6
30°	811.6	809.7	805.0	801.1	805.0	809.7	811.6	805.9	778.9	771.3	773.2
32.5°	781.0	776.1	771.3	768.4	771.3	776.1	781.0	778.9	758.8	748.3	750.2
35°	744.3	745.3	744.3	741.5	744.3	745.3	744.3	746.3	733.8	724.2	723.2
37.5°	718.4	720.3	719.4	715.5	719.4	720.3	718.4	716.5	699.1	696.3	698.2
40°	691.5	692.4	691.5	688.6	691.5	692.4	691.5	687.7	663.6	664.5	671.3
42.5°	665.5	664.5	661.6	659.7	661.6	664.5	665.5	659.7	629.0	626.1	638.6
45°	635.7	636.7	630.9	628.0	630.9	636.7	635.7	631.8	600.1	592.4	601.0
47.5°	605.9	605.9	601.0	598.2	601.0	605.9	605.9	601.0	567.4	559.7	564.5
50°	574.2	573.2	566.4	565.5	566.4	573.2	574.2	571.3	535.6	529.0	529.0
52.5°	537.6	537.6	538.5	540.5	538.5	537.6	537.6	538.5	506.9	500.1	498.2
55°	505.8	506.9	513.6	515.5	513.6	506.9	505.8	505.8	477.0	470.3	466.4
57.5°	473.1	473.1	478.0	478.0	478.0	473.1	473.1	471.2	443.4	437.6	435.6
60°	435.6	437.6	441.4	440.4	441.4	437.6	435.6	433.7	409.6	405.8	399.1
62.5°	396.3	398.2	399.1	397.2	399.1	398.2	396.3	390.4	376.0	373.1	364.5
65°	354.9	356.8	357.7	355.8	357.7	356.8	354.9	352.0	341.4	336.6	328.9
67.5°	312.5	311.6	310.6	314.5	310.6	311.6	312.5	308.7	302.0	298.2	287.6
70°	269.3	269.3	268.3	270.3	268.3	269.3	269.3	266.4	262.5	259.6	250.1
72.5°	223.1	222.2	226.0	223.1	226.0	222.2	223.1	222.2	220.3	217.4	207.7
75°	177.9	179.8	177.9	180.8	177.9	179.8	177.9	178.9	177.9	176.0	169.3
77.5°	135.6	137.6	135.6	135.6	135.6	137.6	135.6	136.5	136.5	136.5	130.8
80°	96.2	95.2	95.2	94.3	95.2	95.2	96.2	96.2	97.1	95.2	93.3
82.5°	61.6	60.6	60.6	62.5	60.6	60.6	61.6	62.5	60.6	60.6	60.6
85°	33.7	34.6	32.7	32.7	32.7	34.6	33.7	31.7	33.7	33.7	32.7
87.5°	12.5	11.6	11.6	11.6	11.6	11.6	12.5	13.5	13.5	13.5	14.4
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.1	56.4	48.5
92.5°	141.1	135.5	113.0	90.5	113.0	135.5	141.1	200.0	278.5	317.8	279.0
95°	478.9	461.8	393.9	325.9	393.9	461.8	478.9	628.9	828.9	928.8	784.5
97.5°	1105.5	1073.2	943.9	814.5	943.9	1073.2	1105.5	1200.4	1326.7	1389.9	1149.2
100°	1552.4	1513.9	1359.9	1205.8	1359.9	1513.9	1552.4	1545.6	1536.3	1531.7	1264.6
102.5°	1934.1	1901.1	1769.1	1637.1	1769.1	1901.1	1934.1	1813.3	1652.3	1571.8	1300.8
105°	2379.6	2361.8	2290.9	2219.9	2290.9	2361.8	2379.6	2108.8	1747.9	1567.4	1305.0
107.5°	2611.2	2615.5	2632.6	2649.8	2632.6	2615.5	2611.2	2233.6	1730.1	1478.3	1246.9
110°	2670.7	2689.1	2763.0	2836.9	2763.0	2689.1	2670.7	2248.4	1685.4	1404.0	1195.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2632.7	2661.1	2774.6	2888.2	2774.6	2661.1	2632.7	2200.6	1624.4	1336.4	1150.5
115°	2504.3	2543.7	2701.1	2858.4	2701.1	2543.7	2504.3	2088.1	1533.0	1255.5	1098.9
117.5°	2326.9	2370.5	2545.1	2719.6	2545.1	2370.5	2326.9	1951.2	1450.3	1199.8	1066.6
120°	2207.3	2249.8	2419.3	2588.9	2419.3	2249.8	2207.3	1864.0	1406.4	1177.5	1055.7
122.5°	2087.8	2129.6	2296.9	2464.2	2296.9	2129.6	2087.8	1778.7	1366.6	1160.5	1050.1
125°	1929.7	1968.2	2122.3	2276.4	2122.3	1968.2	1929.7	1667.1	1317.0	1141.9	1045.4
127.5°	1802.7	1835.2	1965.2	2095.3	1965.2	1835.2	1802.7	1577.3	1276.6	1126.4	1042.7
130°	1722.5	1752.5	1872.7	1992.8	1872.7	1752.5	1722.5	1521.8	1254.2	1120.3	1044.2
132.5°	1654.2	1681.0	1788.7	1896.2	1788.7	1681.0	1654.2	1474.5	1235.0	1115.2	1045.4
135°	1557.7	1580.8	1673.6	1766.3	1673.6	1580.8	1557.7	1407.2	1206.6	1106.3	1044.4
137.5°	1486.4	1505.3	1581.2	1657.1	1581.2	1505.3	1486.4	1359.1	1189.6	1104.8	1050.8
140°	1429.2	1447.0	1517.9	1588.9	1517.9	1447.0	1429.2	1319.4	1172.8	1099.6	1051.9
142.5°	1389.2	1404.5	1465.5	1526.5	1465.5	1404.5	1389.2	1292.6	1163.9	1099.6	1055.7
145°	1329.0	1340.6	1386.8	1432.9	1386.8	1340.6	1329.0	1250.1	1144.8	1092.1	1055.7
147.5°	1278.6	1288.1	1326.4	1364.7	1326.4	1288.1	1278.6	1216.4	1133.5	1092.1	1063.0
150°	1249.6	1257.3	1288.4	1319.4	1288.4	1257.3	1249.6	1197.1	1127.1	1092.1	1066.7
152.5°	1226.5	1232.4	1255.8	1279.2	1255.8	1232.4	1226.5	1181.7	1122.0	1092.1	1069.2
155°	1199.1	1203.0	1218.5	1234.0	1218.5	1203.0	1199.1	1163.5	1115.9	1092.1	1074.6
157.5°	1175.3	1178.0	1188.9	1199.8	1188.9	1178.0	1175.3	1147.6	1110.6	1092.1	1080.1
160°	1163.5	1165.0	1171.3	1177.5	1171.3	1165.0	1163.5	1139.6	1108.0	1092.1	1082.6
162.5°	1152.3	1153.8	1159.7	1165.7	1159.7	1153.8	1152.3	1132.2	1105.5	1092.1	1085.3
165°	1135.2	1136.8	1143.1	1149.3	1143.1	1136.8	1135.2	1120.9	1101.7	1092.1	1089.0
167.5°	1127.8	1128.5	1131.0	1133.7	1131.0	1128.5	1127.8	1118.4	1105.9	1099.6	1096.9
170°	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1127.8	1118.4	1105.9	1099.6	1099.4
172.5°	1121.9	1121.3	1119.0	1116.7	1119.0	1121.3	1121.9	1114.4	1104.6	1099.6	1099.6
175°	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1113.7	1109.1	1102.7	1099.6	1101.1
177.5°	1112.2	1111.5	1109.0	1106.3	1109.0	1111.5	1112.2	1108.5	1103.5	1101.0	1102.2
180°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1016.5	1016.5	1016.5	1016.5	1016.5
2.5°	1004.0	1008.9	1011.7	1015.6	1025.2
5°	965.6	983.8	989.7	1004.0	1021.3
7.5°	881.0	936.7	952.1	986.7	1013.6
10°	799.2	855.0	881.9	963.6	1004.0
12.5°	757.8	790.5	808.8	923.2	990.6
15°	731.8	755.0	768.4	869.4	975.2
17.5°	711.6	728.0	737.6	816.5	954.0
20°	699.1	706.9	715.5	778.0	930.0
22.5°	690.5	685.7	692.4	751.1	897.3
25°	684.8	666.4	674.2	729.9	858.8
27.5°	689.6	649.1	652.1	710.7	818.4
30°	690.5	628.0	629.0	690.5	773.2
32.5°	683.8	605.9	606.9	665.5	722.3
35°	667.4	579.9	579.0	636.7	653.0
37.5°	645.3	552.0	552.0	605.0	577.0
40°	618.3	524.2	527.0	563.6	509.7
42.5°	585.6	494.3	498.2	508.8	459.7
45°	550.1	465.5	468.3	429.9	421.2
47.5°	510.7	435.6	436.6	356.8	408.7
50°	463.6	404.9	401.0	305.8	407.7
52.5°	422.2	371.2	359.6	277.0	370.3
55°	381.8	335.7	310.6	254.9	343.3
57.5°	346.3	289.5	265.5	228.9	337.6
60°	313.5	244.3	226.0	201.0	309.6
62.5°	286.6	210.6	206.8	181.7	280.8
65°	257.7	187.6	186.6	165.4	238.5
67.5°	229.8	172.2	171.2	150.0	181.7
70°	200.0	155.8	153.9	133.6	134.6
72.5°	169.3	137.6	135.6	120.2	111.6
75°	138.5	116.3	115.4	104.9	90.4
77.5°	108.7	92.3	94.3	84.6	66.3
80°	77.9	67.3	69.2	60.6	50.0
82.5°	51.9	44.3	46.2	38.4	33.7
85°	28.9	25.0	26.0	20.2	15.4
87.5°	13.5	11.6	11.6	7.6	4.8
90°	32.6	20.7	19.3	13.4	7.5
92.5°	201.4	143.3	130.7	80.2	29.7
95°	495.7	279.2	256.0	163.7	71.3
97.5°	667.7	306.6	286.2	204.7	123.2
100°	730.3	329.6	311.2	237.3	163.4
102.5°	759.1	352.7	335.5	266.4	197.5
105°	780.3	386.8	372.2	313.9	255.4
107.5°	784.3	437.3	423.7	369.2	314.8
110°	778.3	465.5	453.1	404.0	354.9



TEST NUMBER: P935411

CATALOG NUMBER: SQ4-FA-125U-050D-830-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	778.6	499.7	487.9	441.1	394.3
115°	785.8	550.9	540.1	496.8	453.6
117.5°	800.4	600.7	590.8	551.6	512.3
120°	812.2	629.6	620.3	583.4	546.4
122.5°	829.3	663.8	654.5	617.2	579.9
125°	852.4	707.5	699.0	665.1	631.1
127.5°	875.4	749.9	741.3	707.0	672.6
130°	892.1	778.1	768.8	731.9	694.9
132.5°	905.8	801.1	791.9	755.0	718.0
135°	920.6	827.8	819.4	785.7	752.1
137.5°	942.9	862.0	853.7	820.3	787.0
140°	956.5	885.0	877.3	846.6	815.9
142.5°	968.0	902.1	895.0	866.6	838.2
145°	982.8	928.1	921.9	897.1	872.4
147.5°	1004.6	960.8	954.8	930.7	906.6
150°	1015.9	977.8	972.3	950.6	928.8
152.5°	1023.4	989.0	984.9	968.3	951.8
155°	1039.6	1013.5	1010.4	998.3	986.0
157.5°	1056.0	1037.9	1035.0	1023.1	1011.3
160°	1063.5	1049.1	1046.8	1037.5	1028.3
162.5°	1071.4	1061.0	1059.2	1052.3	1045.4
165°	1082.8	1078.1	1076.6	1070.2	1063.9
167.5°	1091.7	1087.7	1087.0	1084.0	1081.0
170°	1099.1	1098.8	1098.1	1095.1	1092.1
172.5°	1099.6	1099.6	1099.4	1098.7	1098.1
175°	1104.1	1106.3	1106.3	1106.3	1106.3
177.5°	1104.6	1106.3	1106.3	1106.3	1106.3
180°	1106.3	1106.3	1106.3	1106.3	1106.3



TEST NUMBER: P935411  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.54	9.22	9.67	10.35	11.91	11.36	12.05	12.49	13.17	14.74
	3H	9.00	9.61	10.14	10.75	12.33	12.69	13.30	13.83	14.44	16.02
	4H	9.18	9.77	10.33	10.90	12.49	13.12	13.71	14.28	14.84	16.43
	6H	9.29	9.83	10.45	10.96	12.56	13.40	13.94	14.56	15.07	16.67
	8H	9.29	9.80	10.45	10.95	12.54	13.47	13.98	14.63	15.13	16.72
	12H	9.25	9.74	10.42	10.88	12.50	13.50	13.98	14.66	15.13	16.74
4H	2H	9.54	10.13	10.70	11.26	12.85	11.75	12.33	12.91	13.46	15.05
	3H	10.56	11.04	11.72	12.20	13.80	13.23	13.72	14.40	14.88	16.48
	4H	10.82	11.27	11.99	12.42	14.04	13.75	14.20	14.92	15.35	16.97
	6H	10.94	11.32	12.11	12.49	14.10	14.11	14.49	15.28	15.66	17.27
	8H	10.94	11.30	12.11	12.46	14.09	14.21	14.57	15.38	15.73	17.35
	12H	10.90	11.22	12.09	12.40	14.03	14.26	14.58	15.44	15.75	17.38
8H	4H	11.26	11.62	12.43	12.78	14.41	13.86	14.22	15.03	15.38	17.01
	6H	11.52	11.81	12.71	13.02	14.64	14.29	14.59	15.48	15.79	17.41
	8H	11.56	11.81	12.75	13.00	14.64	14.44	14.70	15.64	15.88	17.52
	12H	11.53	11.76	12.73	12.94	14.61	14.53	14.76	15.73	15.94	17.61
12H	4H	11.26	11.58	12.45	12.76	14.39	13.82	14.15	15.01	15.32	16.95
	6H	11.58	11.83	12.77	13.01	14.66	14.29	14.54	15.48	15.73	17.37
	8H	11.63	11.86	12.83	13.04	14.71	14.44	14.67	15.64	15.85	17.52