

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: P935119

Luminaire Tested: SQ4-FA-100U-075D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935119
REPORT IS A COMBINATION OF REPORTS P933743 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

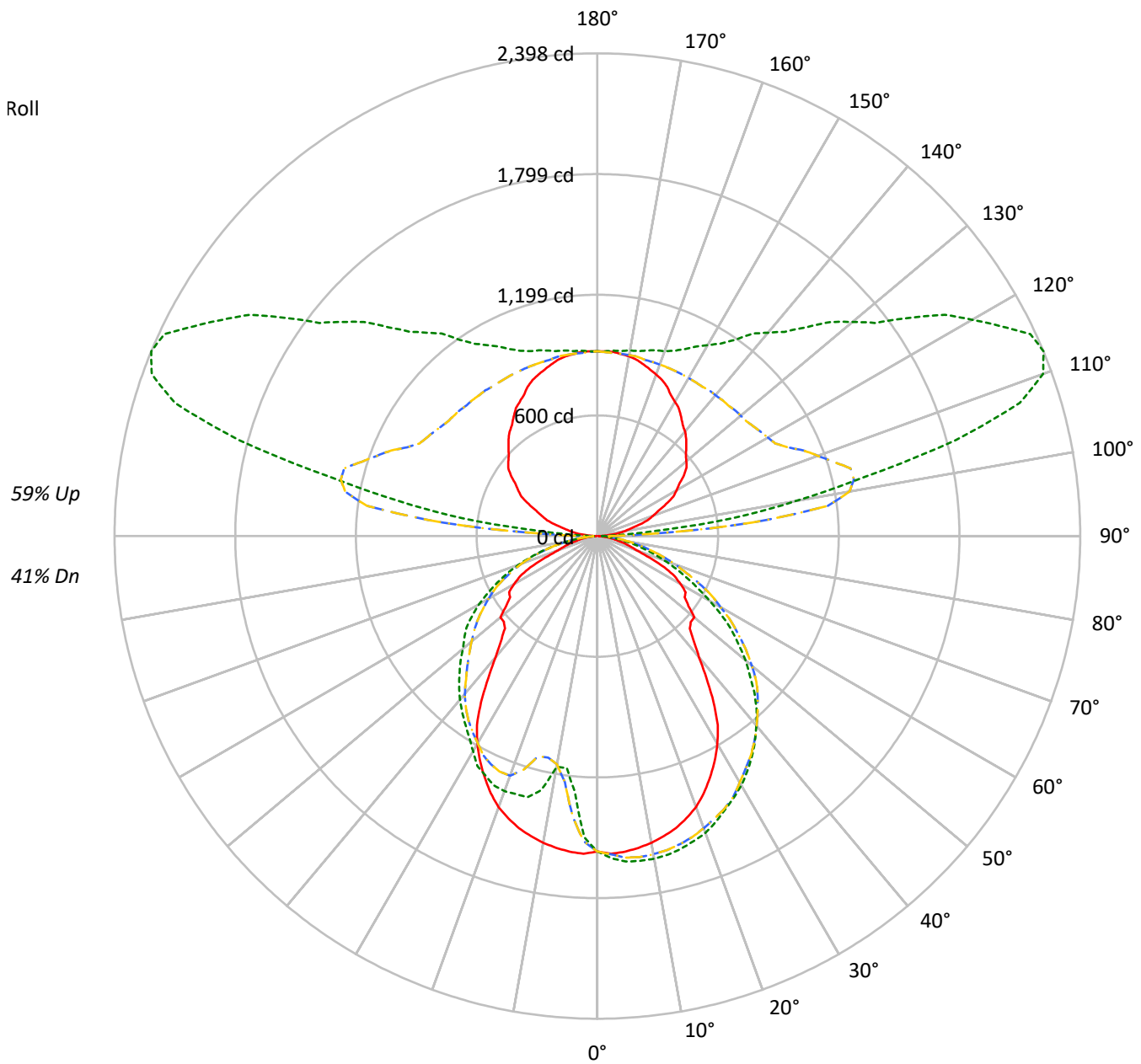
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10019.2 lumens
Efficiency: N/A
Efficacy: 135.8 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: General Diffuse

Input Watts (W): 73.8
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: P935119
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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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	40	40	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	34	34	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	29	29	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	25	25	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	22	22	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	19	19	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	15	15	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	13	13	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	12	12	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9691	9691	9691	9691
5°	9759	9782	9759	7692
10°	9690	9636	9690	6889
15°	9581	9427	9581	7872
20°	9377	9180	9377	7888
25°	8963	8819	8963	7721
30°	8430	8519	8430	7354
35°	7512	8140	7512	6951
40°	6256	7695	6256	6646
45°	5586	7173	5586	6295
50°	5930	6550	5930	5944
55°	5574	5879	5574	5741
60°	5738	4994	5738	5258
65°	5194	4128	5194	4614
70°	3589	3290	3589	3867
75°	3135	2432	3135	2912
80°	2509	1608	2509	1750
85°	1413	852	1413	724

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8566 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.4	1.4
10°-20°	401.5	4.0
20°-30°	620.6	6.2
30°-40°	740.9	7.4
40°-50°	745.2	7.4
50°-60°	648.4	6.5
60°-70°	459.7	4.6
70°-80°	243.2	2.4
80°-90°	64.1	0.6
90°-100°	447.7	4.5
100°-110°	1177.1	11.7
110°-120°	1220.5	12.2
120°-130°	979.0	9.8
130°-140°	768.2	7.7
140°-150°	589.6	5.9
150°-160°	424.6	4.2
160°-170°	259.8	2.6
170°-180°	87.8	0.9
0°-30°	1163.5	11.6
0°-40°	1904.4	19.0
0°-60°	3298.0	32.9
0°-90°	4065.1	40.6
90°-120°	2845.2	28.4
90°-150°	5182.0	51.7
90°-180°	5954.0	59.4
0°-180°	10019.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1566	1566	1566	1566	1566	
5°	1574	1623	1574	1276	1574	149
15°	1503	1608	1503	1343	1503	423
25°	1323	1500	1323	1313	1323	608
35°	1006	1338	1006	1143	1006	623
45°	649	1103	649	968	649	520
55°	529	814	529	794	529	486
65°	368	490	368	548	368	351
75°	139	233	139	279	139	146
85°	24	59	24	50	24	32
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	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1579.8	1579.8	1588.7	1591.7	1591.7	1587.2	1582.8	1587.2	1600.6	1605.0	1603.5
5°	1573.9	1585.7	1602.0	1605.0	1608.0	1606.5	1603.5	1606.5	1621.3	1624.3	1625.8
7.5°	1562.0	1584.3	1605.0	1609.5	1613.9	1609.5	1608.0	1610.9	1625.8	1628.7	1628.7
10°	1547.2	1578.3	1602.0	1605.0	1609.5	1605.0	1605.0	1610.9	1625.8	1628.7	1630.2
12.5°	1526.5	1569.4	1591.7	1594.6	1600.6	1599.1	1597.6	1603.5	1618.3	1621.3	1621.3
15°	1502.7	1553.1	1573.9	1576.8	1587.2	1584.3	1584.3	1590.2	1606.5	1610.9	1609.5
17.5°	1470.1	1532.4	1556.1	1560.5	1568.0	1566.5	1568.0	1573.9	1588.7	1591.7	1593.2
20°	1433.1	1504.2	1532.4	1536.8	1544.2	1544.2	1544.2	1551.7	1566.5	1572.4	1572.4
22.5°	1382.7	1474.6	1504.2	1507.2	1516.1	1516.1	1519.0	1529.4	1542.8	1544.2	1544.2
25°	1323.4	1442.0	1467.2	1476.1	1485.0	1489.4	1493.9	1499.8	1504.2	1502.7	1504.2
27.5°	1261.2	1400.5	1433.1	1439.0	1450.9	1455.3	1461.3	1462.7	1464.2	1468.7	1465.7
30°	1191.5	1342.7	1391.6	1397.5	1416.8	1419.8	1413.8	1416.8	1424.2	1427.2	1430.1
32.5°	1113.0	1256.7	1348.6	1362.0	1379.7	1370.8	1369.4	1373.8	1385.7	1385.7	1388.6
35°	1006.3	1190.0	1308.6	1320.5	1333.8	1323.4	1329.4	1330.8	1338.2	1342.7	1341.2
37.5°	889.2	1132.2	1267.1	1276.0	1286.4	1273.0	1281.9	1286.4	1292.3	1289.3	1289.3
40°	785.5	1041.8	1218.2	1224.1	1233.0	1222.6	1231.5	1234.5	1237.5	1234.5	1233.0
42.5°	708.4	942.6	1166.3	1173.7	1167.8	1175.2	1178.2	1184.1	1179.7	1173.7	1173.7
45°	649.1	915.9	1110.0	1118.9	1110.0	1121.9	1126.3	1126.3	1113.0	1110.0	1108.5
47.5°	629.8	862.5	1053.7	1053.7	1049.3	1064.1	1071.5	1061.1	1047.8	1043.3	1043.3
50°	628.4	803.2	976.6	970.7	991.5	1009.2	1001.8	991.5	981.1	964.8	964.8
52.5°	570.6	730.6	877.3	899.6	932.2	942.6	930.7	920.3	902.5	895.1	889.2
55°	529.1	655.0	786.9	831.4	865.5	878.8	856.6	846.2	819.5	815.1	812.1
57.5°	520.2	545.4	704.0	760.3	801.8	800.3	786.9	767.7	745.4	741.0	739.5
60°	477.2	394.2	615.0	681.7	724.7	720.3	708.4	690.6	669.9	666.9	663.9
62.5°	432.7	286.0	514.3	589.8	650.6	649.1	638.7	612.1	597.2	589.8	583.9
65°	367.5	240.1	366.1	490.5	578.0	580.9	558.7	539.4	523.1	514.3	512.8
67.5°	280.1	195.6	247.5	409.0	508.3	505.4	477.2	468.3	447.6	443.1	434.2
70°	207.5	130.4	171.9	332.0	440.2	432.7	410.5	400.1	380.9	370.5	364.6
72.5°	171.9	105.2	126.0	257.9	370.5	361.6	342.3	330.5	314.2	305.3	299.4
75°	139.3	111.2	96.3	191.2	300.8	294.9	277.1	265.3	251.9	240.1	241.6
77.5°	102.3	103.7	77.1	140.8	238.6	229.7	219.3	204.5	198.6	186.7	186.7
80°	77.1	81.5	57.8	96.3	171.9	171.9	163.0	152.6	142.3	136.3	136.3
82.5°	51.9	51.9	43.0	60.8	117.1	112.6	106.7	103.7	97.8	94.8	94.8
85°	23.7	29.6	26.7	37.0	63.7	66.7	66.7	63.7	62.2	59.3	60.8
87.5°	7.4	13.3	16.3	20.7	32.6	34.1	35.6	35.6	35.6	37.0	37.0
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



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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



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1606.5	1602.0	1606.5	1603.5	1605.0	1600.6	1587.2	1582.8	1587.2	1591.7	1591.7
5°	1625.8	1622.8	1625.8	1625.8	1624.3	1621.3	1606.5	1603.5	1606.5	1608.0	1605.0
7.5°	1631.7	1627.2	1631.7	1628.7	1628.7	1625.8	1610.9	1608.0	1609.5	1613.9	1609.5
10°	1631.7	1627.2	1631.7	1630.2	1628.7	1625.8	1610.9	1605.0	1605.0	1609.5	1605.0
12.5°	1624.3	1621.3	1624.3	1621.3	1621.3	1618.3	1603.5	1597.6	1599.1	1600.6	1594.6
15°	1612.4	1608.0	1612.4	1609.5	1610.9	1606.5	1590.2	1584.3	1584.3	1587.2	1576.8
17.5°	1594.6	1588.7	1594.6	1593.2	1591.7	1588.7	1573.9	1568.0	1566.5	1568.0	1560.5
20°	1573.9	1569.4	1573.9	1572.4	1572.4	1566.5	1551.7	1544.2	1544.2	1544.2	1536.8
22.5°	1541.3	1536.8	1541.3	1544.2	1544.2	1542.8	1529.4	1519.0	1516.1	1516.1	1507.2
25°	1504.2	1499.8	1504.2	1504.2	1502.7	1504.2	1499.8	1493.9	1489.4	1485.0	1476.1
27.5°	1468.7	1465.7	1468.7	1465.7	1468.7	1464.2	1462.7	1461.3	1455.3	1450.9	1439.0
30°	1433.1	1430.1	1433.1	1430.1	1427.2	1424.2	1416.8	1413.8	1419.8	1416.8	1397.5
32.5°	1388.6	1385.7	1388.6	1388.6	1385.7	1385.7	1373.8	1369.4	1370.8	1379.7	1362.0
35°	1342.7	1338.2	1342.7	1341.2	1342.7	1338.2	1330.8	1329.4	1323.4	1333.8	1320.5
37.5°	1289.3	1284.9	1289.3	1289.3	1289.3	1292.3	1286.4	1281.9	1273.0	1286.4	1276.0
40°	1234.5	1228.6	1234.5	1233.0	1234.5	1237.5	1234.5	1231.5	1222.6	1233.0	1224.1
42.5°	1172.3	1170.8	1172.3	1173.7	1173.7	1179.7	1184.1	1178.2	1175.2	1167.8	1173.7
45°	1105.6	1102.6	1105.6	1108.5	1110.0	1113.0	1126.3	1126.3	1121.9	1110.0	1118.9
47.5°	1034.4	1027.0	1034.4	1043.3	1043.3	1047.8	1061.1	1071.5	1064.1	1049.3	1053.7
50°	958.9	960.3	958.9	964.8	964.8	981.1	991.5	1001.8	1009.2	991.5	970.7
52.5°	884.8	883.3	884.8	889.2	895.1	902.5	920.3	930.7	942.6	932.2	899.6
55°	810.7	813.6	810.7	812.1	815.1	819.5	846.2	856.6	878.8	865.5	831.4
57.5°	736.6	732.1	736.6	739.5	741.0	745.4	767.7	786.9	800.3	801.8	760.3
60°	650.6	644.7	650.6	663.9	666.9	669.9	690.6	708.4	720.3	724.7	681.7
62.5°	575.0	564.6	575.0	583.9	589.8	597.2	612.1	638.7	649.1	650.6	589.8
65°	495.0	490.5	495.0	512.8	514.3	523.1	539.4	558.7	580.9	578.0	490.5
67.5°	422.4	422.4	422.4	434.2	443.1	447.6	468.3	477.2	505.4	508.3	409.0
70°	355.7	354.2	355.7	364.6	370.5	380.9	400.1	410.5	432.7	440.2	332.0
72.5°	292.0	290.5	292.0	299.4	305.3	314.2	330.5	342.3	361.6	370.5	257.9
75°	235.6	232.7	235.6	241.6	240.1	251.9	265.3	277.1	294.9	300.8	191.2
77.5°	180.8	180.8	180.8	186.7	186.7	198.6	204.5	219.3	229.7	238.6	140.8
80°	134.9	133.4	134.9	136.3	136.3	142.3	152.6	163.0	171.9	171.9	96.3
82.5°	94.8	91.9	94.8	94.8	94.8	97.8	103.7	106.7	112.6	117.1	60.8
85°	59.3	59.3	59.3	60.8	59.3	62.2	63.7	66.7	66.7	63.7	37.0
87.5°	38.5	37.0	38.5	37.0	37.0	35.6	35.6	35.6	34.1	32.6	20.7
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



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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: P935119

CATALOG NUMBER: SQ4-FA-100U-075D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1588.7	1579.8	1579.8	1565.0	1559.1	1554.6	1547.2	1525.0	1519.0	1513.1	1522.0
5°	1602.0	1585.7	1573.9	1547.2	1525.0	1516.1	1487.9	1434.6	1399.0	1372.3	1357.5
7.5°	1605.0	1584.3	1562.0	1520.5	1467.2	1443.5	1357.5	1259.7	1233.0	1209.3	1194.5
10°	1602.0	1578.3	1547.2	1485.0	1359.0	1317.5	1231.5	1167.8	1151.5	1147.1	1151.5
12.5°	1591.7	1569.4	1526.5	1422.7	1246.4	1218.2	1167.8	1130.8	1127.8	1135.2	1175.2
15°	1573.9	1553.1	1502.7	1339.7	1184.1	1163.4	1127.8	1114.5	1130.8	1182.6	1302.7
17.5°	1556.1	1532.4	1470.1	1258.2	1136.7	1121.9	1096.7	1123.4	1215.2	1284.9	1324.9
20°	1532.4	1504.2	1433.1	1198.9	1102.6	1089.3	1077.4	1197.5	1267.1	1292.3	1314.5
22.5°	1504.2	1474.6	1382.7	1157.4	1067.0	1056.7	1064.1	1239.0	1267.1	1284.9	1304.2
25°	1467.2	1442.0	1323.4	1124.8	1038.9	1027.0	1055.2	1234.5	1250.8	1255.3	1293.8
27.5°	1433.1	1400.5	1261.2	1095.2	1004.8	1000.4	1062.6	1215.2	1227.1	1231.5	1273.0
30°	1391.6	1342.7	1191.5	1064.1	969.2	967.7	1064.1	1191.5	1188.6	1200.4	1241.9
32.5°	1348.6	1256.7	1113.0	1025.5	935.1	933.7	1053.7	1156.0	1153.0	1169.3	1200.4
35°	1308.6	1190.0	1006.3	981.1	892.2	893.6	1028.5	1114.5	1115.9	1130.8	1150.0
37.5°	1267.1	1132.2	889.2	932.2	850.7	850.7	994.4	1075.9	1073.0	1077.4	1104.1
40°	1218.2	1041.8	785.5	868.5	812.1	807.7	952.9	1034.4	1024.1	1022.6	1059.6
42.5°	1166.3	942.6	708.4	784.0	767.7	761.7	902.5	984.0	964.8	969.2	1016.7
45°	1110.0	915.9	649.1	662.5	721.7	717.3	847.7	926.2	912.9	924.8	973.7
47.5°	1053.7	862.5	629.8	549.8	672.8	671.3	786.9	869.9	862.5	874.4	926.2
50°	976.6	803.2	628.4	471.3	618.0	623.9	714.3	815.1	815.1	825.5	880.3
52.5°	877.3	730.6	570.6	426.8	554.3	572.1	650.6	767.7	770.6	781.0	829.9
55°	786.9	655.0	529.1	392.7	478.7	517.2	588.4	718.8	724.7	735.1	779.5
57.5°	704.0	545.4	520.2	352.7	409.0	446.1	533.5	671.3	674.3	683.2	726.2
60°	615.0	394.2	477.2	309.7	348.3	376.4	483.1	615.0	625.4	631.3	668.4
62.5°	514.3	286.0	432.7	280.1	318.6	324.6	441.6	561.7	575.0	579.5	601.7
65°	366.1	240.1	367.5	254.9	287.5	289.0	397.2	506.8	518.7	526.1	542.4
67.5°	247.5	195.6	280.1	231.2	263.8	265.3	354.2	443.1	459.4	465.3	475.7
70°	171.9	130.4	207.5	206.0	237.1	240.1	308.3	385.3	400.1	404.6	410.5
72.5°	126.0	105.2	171.9	185.2	209.0	211.9	260.8	320.1	334.9	339.4	342.3
75°	96.3	111.2	139.3	161.5	177.8	179.3	213.4	260.8	271.2	274.2	275.7
77.5°	77.1	103.7	102.3	130.4	145.2	142.3	167.5	201.6	210.4	210.4	210.4
80°	57.8	81.5	77.1	93.4	106.7	103.7	120.0	143.8	146.7	149.7	148.2
82.5°	43.0	51.9	51.9	59.3	71.1	68.2	80.0	93.4	93.4	93.4	96.3
85°	26.7	29.6	23.7	31.1	40.0	38.5	44.5	50.4	51.9	51.9	48.9
87.5°	16.3	13.3	7.4	11.9	17.8	17.8	20.7	22.2	20.7	20.7	20.7
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: P935119

CATALOG NUMBER: SQ4-FA-100U-075D-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: P935119

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1511.6	1507.2	1513.1	1496.8	1513.1	1507.2	1511.6	1522.0	1513.1	1519.0	1525.0
5°	1326.4	1319.0	1295.3	1276.0	1295.3	1319.0	1326.4	1357.5	1372.3	1399.0	1434.6
7.5°	1185.6	1179.7	1173.7	1161.9	1173.7	1179.7	1185.6	1194.5	1209.3	1233.0	1259.7
10°	1154.5	1156.0	1164.9	1163.4	1164.9	1156.0	1154.5	1151.5	1147.1	1151.5	1167.8
12.5°	1234.5	1247.8	1296.8	1293.8	1296.8	1247.8	1234.5	1175.2	1135.2	1127.8	1130.8
15°	1326.4	1330.8	1341.2	1342.7	1341.2	1330.8	1326.4	1302.7	1182.6	1130.8	1114.5
17.5°	1335.3	1336.8	1344.2	1344.2	1344.2	1336.8	1335.3	1324.9	1284.9	1215.2	1123.4
20°	1327.9	1330.8	1345.7	1348.6	1345.7	1330.8	1327.9	1314.5	1292.3	1267.1	1197.5
22.5°	1324.9	1330.8	1342.7	1341.2	1342.7	1330.8	1324.9	1304.2	1284.9	1267.1	1239.0
25°	1310.1	1310.1	1311.6	1313.1	1311.6	1310.1	1310.1	1293.8	1255.3	1250.8	1234.5
27.5°	1279.0	1281.9	1290.8	1289.3	1290.8	1281.9	1279.0	1273.0	1231.5	1227.1	1215.2
30°	1250.8	1247.8	1240.4	1234.5	1240.4	1247.8	1250.8	1241.9	1200.4	1188.6	1191.5
32.5°	1203.4	1196.0	1188.6	1184.1	1188.6	1196.0	1203.4	1200.4	1169.3	1153.0	1156.0
35°	1147.1	1148.6	1147.1	1142.6	1147.1	1148.6	1147.1	1150.0	1130.8	1115.9	1114.5
37.5°	1107.1	1110.0	1108.5	1102.6	1108.5	1110.0	1107.1	1104.1	1077.4	1073.0	1075.9
40°	1065.6	1067.0	1065.6	1061.1	1065.6	1067.0	1065.6	1059.6	1022.6	1024.1	1034.4
42.5°	1025.5	1024.1	1019.6	1016.7	1019.6	1024.1	1025.5	1016.7	969.2	964.8	984.0
45°	979.6	981.1	972.2	967.7	972.2	981.1	979.6	973.7	924.8	912.9	926.2
47.5°	933.7	933.7	926.2	921.8	926.2	933.7	933.7	926.2	874.4	862.5	869.9
50°	884.8	883.3	872.9	871.4	872.9	883.3	884.8	880.3	825.5	815.1	815.1
52.5°	828.4	828.4	829.9	832.9	829.9	828.4	828.4	829.9	781.0	770.6	767.7
55°	779.5	781.0	791.4	794.4	791.4	781.0	779.5	779.5	735.1	724.7	718.8
57.5°	729.1	729.1	736.6	736.6	736.6	729.1	729.1	726.2	683.2	674.3	671.3
60°	671.3	674.3	680.2	678.8	680.2	674.3	671.3	668.4	631.3	625.4	615.0
62.5°	610.6	613.5	615.0	612.1	615.0	613.5	610.6	601.7	579.5	575.0	561.7
65°	546.9	549.8	551.3	548.3	551.3	549.8	546.9	542.4	526.1	518.7	506.8
67.5°	481.6	480.2	478.7	484.6	478.7	480.2	481.6	475.7	465.3	459.4	443.1
70°	415.0	415.0	413.5	416.4	413.5	415.0	415.0	410.5	404.6	400.1	385.3
72.5°	343.8	342.3	348.3	343.8	348.3	342.3	343.8	342.3	339.4	334.9	320.1
75°	274.2	277.1	274.2	278.6	274.2	277.1	274.2	275.7	274.2	271.2	260.8
77.5°	209.0	211.9	209.0	209.0	209.0	211.9	209.0	210.4	210.4	210.4	201.6
80°	148.2	146.7	146.7	145.2	146.7	146.7	148.2	148.2	149.7	146.7	143.8
82.5°	94.8	93.4	93.4	96.3	93.4	93.4	94.8	96.3	93.4	93.4	93.4
85°	51.9	53.4	50.4	50.4	50.4	53.4	51.9	48.9	51.9	51.9	50.4
87.5°	19.3	17.8	17.8	17.8	17.8	17.8	19.3	20.7	20.7	20.7	22.2
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



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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



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1566.5	1566.5	1566.5	1566.5	1566.5
2.5°	1547.2	1554.6	1559.1	1565.0	1579.8
5°	1487.9	1516.1	1525.0	1547.2	1573.9
7.5°	1357.5	1443.5	1467.2	1520.5	1562.0
10°	1231.5	1317.5	1359.0	1485.0	1547.2
12.5°	1167.8	1218.2	1246.4	1422.7	1526.5
15°	1127.8	1163.4	1184.1	1339.7	1502.7
17.5°	1096.7	1121.9	1136.7	1258.2	1470.1
20°	1077.4	1089.3	1102.6	1198.9	1433.1
22.5°	1064.1	1056.7	1067.0	1157.4	1382.7
25°	1055.2	1027.0	1038.9	1124.8	1323.4
27.5°	1062.6	1000.4	1004.8	1095.2	1261.2
30°	1064.1	967.7	969.2	1064.1	1191.5
32.5°	1053.7	933.7	935.1	1025.5	1113.0
35°	1028.5	893.6	892.2	981.1	1006.3
37.5°	994.4	850.7	850.7	932.2	889.2
40°	952.9	807.7	812.1	868.5	785.5
42.5°	902.5	761.7	767.7	784.0	708.4
45°	847.7	717.3	721.7	662.5	649.1
47.5°	786.9	671.3	672.8	549.8	629.8
50°	714.3	623.9	618.0	471.3	628.4
52.5°	650.6	572.1	554.3	426.8	570.6
55°	588.4	517.2	478.7	392.7	529.1
57.5°	533.5	446.1	409.0	352.7	520.2
60°	483.1	376.4	348.3	309.7	477.2
62.5°	441.6	324.6	318.6	280.1	432.7
65°	397.2	289.0	287.5	254.9	367.5
67.5°	354.2	265.3	263.8	231.2	280.1
70°	308.3	240.1	237.1	206.0	207.5
72.5°	260.8	211.9	209.0	185.2	171.9
75°	213.4	179.3	177.8	161.5	139.3
77.5°	167.5	142.3	145.2	130.4	102.3
80°	120.0	103.7	106.7	93.4	77.1
82.5°	80.0	68.2	71.1	59.3	51.9
85°	44.5	38.5	40.0	31.1	23.7
87.5°	20.7	17.8	17.8	11.9	7.4
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: P935119

CATALOG NUMBER: SQ4-FA-100U-075D-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



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.75	12.54	12.79	13.58	14.98	14.58	15.36	15.61	16.40	17.80
	3H	12.23	12.93	13.27	13.98	15.40	15.92	16.62	16.96	17.67	19.09
	4H	12.41	13.08	13.47	14.13	15.56	16.36	17.02	17.41	18.07	19.50
	6H	12.53	13.14	13.59	14.19	15.63	16.63	17.25	17.70	18.30	19.74
	8H	12.53	13.11	13.60	14.18	15.61	16.71	17.29	17.78	18.36	19.79
	12H	12.50	13.05	13.57	14.11	15.57	16.74	17.29	17.82	18.36	19.82
4H	2H	12.78	13.44	13.84	14.49	15.92	14.98	15.64	16.04	16.69	18.12
	3H	13.80	14.35	14.87	15.43	16.87	16.48	17.03	17.55	18.11	19.55
	4H	14.07	14.58	15.14	15.65	17.11	17.00	17.51	18.07	18.58	20.04
	6H	14.19	14.62	15.27	15.72	17.17	17.36	17.79	18.44	18.89	20.34
	8H	14.19	14.60	15.28	15.69	17.16	17.46	17.87	18.55	18.95	20.42
	12H	14.16	14.52	15.26	15.62	17.10	17.51	17.88	18.62	18.98	20.46
8H	4H	14.51	14.92	15.60	16.01	17.48	17.12	17.52	18.20	18.61	20.08
	6H	14.77	15.11	15.88	16.24	17.70	17.55	17.88	18.66	19.01	20.48
	8H	14.81	15.11	15.93	16.22	17.71	17.70	17.99	18.81	19.10	20.59
	12H	14.79	15.05	15.91	16.16	17.69	17.79	18.05	18.91	19.16	20.68
12H	4H	14.52	14.88	15.62	15.98	17.46	17.08	17.45	18.18	18.54	20.02
	6H	14.83	15.13	15.95	16.24	17.72	17.54	17.84	18.66	18.95	20.44
	8H	14.90	15.15	16.01	16.26	17.79	17.70	17.96	18.82	19.07	20.59