

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: P934852

Luminaire Tested: SQ4-FA-075U-100D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934852
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

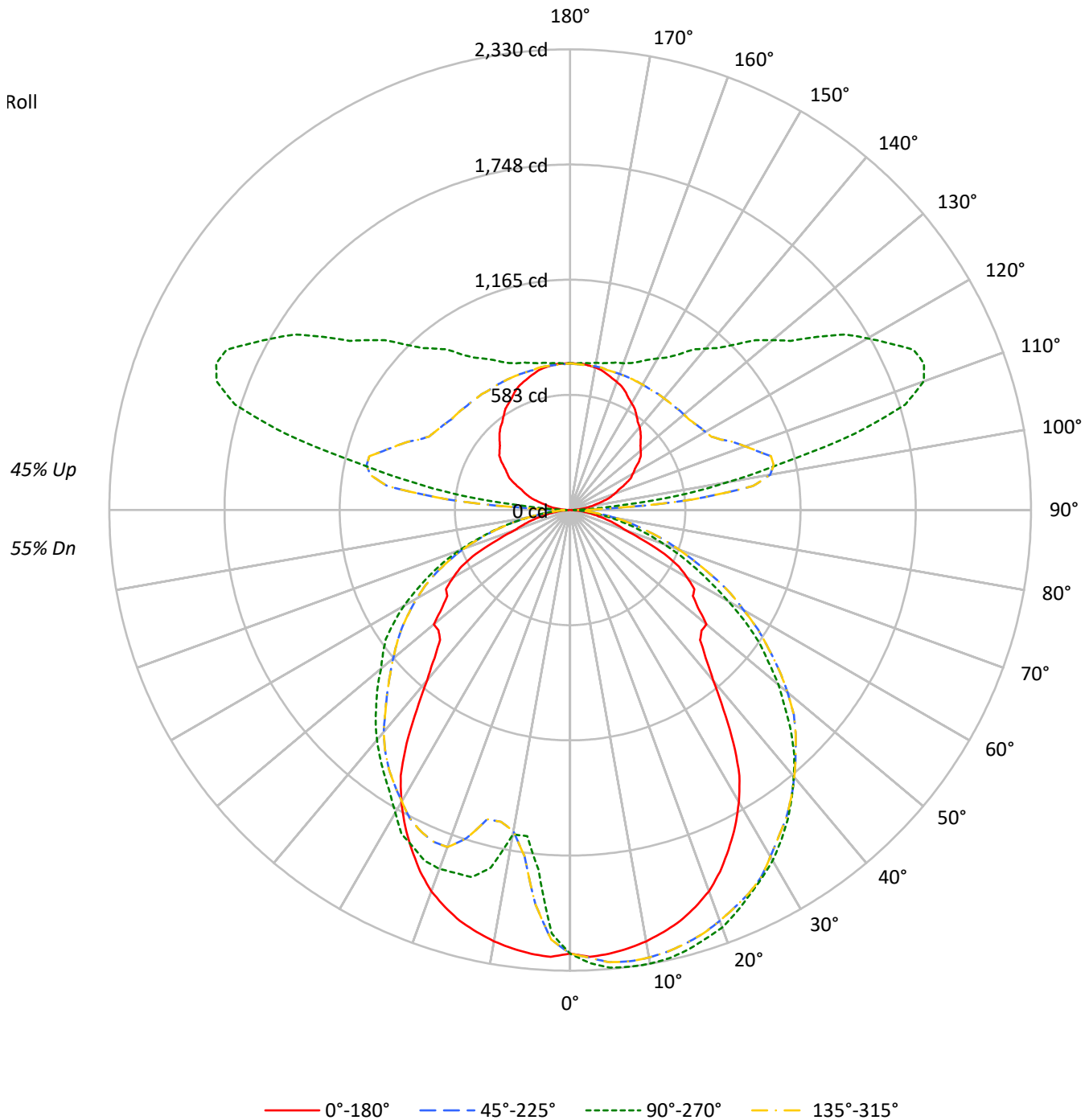
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10626.9 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 102.4
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





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10406	10406	10406	10406
5°	10484	10504	10484	8260
10°	10413	10347	10413	7398
15°	10300	10123	10300	8453
20°	10085	9858	10085	8471
25°	9644	9470	9644	8291
30°	9074	9148	9074	7897
35°	8089	8742	8089	7464
40°	6741	8263	6741	7137
45°	6023	7702	6023	6760
50°	6399	7034	6399	6383
55°	6021	6314	6021	6165
60°	6206	5362	6206	5646
65°	5626	4433	5626	4955
70°	3895	3533	3895	4153
75°	3417	2612	3417	3127
80°	2752	1727	2752	1880
85°	1584	915	1584	777

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9231 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.5	1.9
10°-20°	574.8	5.4
20°-30°	888.6	8.4
30°-40°	1060.8	10.0
40°-50°	1067.0	10.0
50°-60°	928.4	8.7
60°-70°	658.3	6.2
70°-80°	348.3	3.3
80°-90°	89.6	0.8
90°-100°	361.6	3.4
100°-110°	950.6	8.9
110°-120°	985.7	9.3
120°-130°	790.7	7.4
130°-140°	620.4	5.8
140°-150°	476.2	4.5
150°-160°	342.9	3.2
160°-170°	209.8	2.0
170°-180°	70.9	0.7
0°-30°	1665.9	15.7
0°-40°	2726.7	25.7
0°-60°	4722.1	44.4
0°-90°	5818.2	54.7
90°-120°	2297.9	21.6
90°-150°	4185.1	39.4
90°-180°	4809.0	45.3
0°-180°	10626.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2243	2243	2243	2243	2243	
5°	2254	2324	2254	1827	2254	214
15°	2152	2302	2152	1922	2152	605
25°	1895	2147	1895	1880	1895	870
35°	1441	1916	1441	1636	1441	891
45°	929	1579	929	1386	929	744
55°	758	1165	758	1137	758	696
65°	526	702	526	785	526	503
75°	200	333	200	399	200	210
85°	34	85	34	72	34	46
90°	5	19	5	19	5	6
95°	48	219	48	219	48	53
105°	171	1488	171	1488	171	182
115°	304	1917	304	1917	304	300
125°	423	1526	423	1526	423	376
135°	504	1184	504	1184	504	390
145°	585	961	585	961	585	366
155°	661	827	661	827	661	304
165°	713	771	713	771	713	201
175°	742	747	742	747	742	70
180°	742	742	742	742	742	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2262.0	2262.0	2274.7	2278.9	2278.9	2272.6	2266.2	2272.6	2291.7	2298.0	2295.9
5°	2253.5	2270.4	2293.8	2298.0	2302.3	2300.1	2295.9	2300.1	2321.4	2325.6	2327.7
7.5°	2236.5	2268.3	2298.0	2304.4	2310.8	2304.4	2302.3	2306.5	2327.7	2332.0	2332.0
10°	2215.2	2259.8	2293.8	2298.0	2304.4	2298.0	2298.0	2306.5	2327.7	2332.0	2334.1
12.5°	2185.5	2247.1	2278.9	2283.2	2291.7	2289.5	2287.4	2295.9	2317.1	2321.4	2321.4
15°	2151.6	2223.7	2253.5	2257.7	2272.6	2268.3	2268.3	2276.8	2300.1	2306.5	2304.4
17.5°	2104.9	2194.0	2228.0	2234.3	2244.9	2242.9	2244.9	2253.5	2274.7	2278.9	2281.1
20°	2051.9	2153.7	2194.0	2200.4	2211.1	2211.1	2211.1	2221.7	2242.9	2251.4	2251.4
22.5°	1979.7	2111.3	2153.7	2158.0	2170.7	2170.7	2174.9	2189.8	2208.9	2211.1	2211.1
25°	1894.8	2064.6	2100.6	2113.4	2126.2	2132.5	2138.9	2147.4	2153.7	2151.6	2153.7
27.5°	1805.7	2005.2	2051.9	2060.3	2077.4	2083.7	2092.2	2094.3	2096.5	2102.8	2098.6
30°	1706.0	1922.5	1992.5	2001.0	2028.5	2032.8	2024.3	2028.5	2039.1	2043.4	2047.6
32.5°	1593.6	1799.4	1931.0	1950.0	1975.5	1962.8	1960.6	1967.0	1984.0	1984.0	1988.2
35°	1440.7	1703.9	1873.6	1890.6	1909.7	1894.8	1903.4	1905.4	1916.1	1922.5	1920.3
37.5°	1273.2	1621.1	1814.2	1827.0	1841.8	1822.7	1835.4	1841.8	1850.3	1846.1	1846.1
40°	1124.6	1491.7	1744.2	1752.7	1765.4	1750.5	1763.3	1767.6	1771.8	1767.6	1765.4
42.5°	1014.3	1349.5	1669.9	1680.5	1672.1	1682.7	1686.9	1695.4	1689.0	1680.5	1680.5
45°	929.4	1311.3	1589.3	1602.1	1589.3	1606.3	1612.7	1612.7	1593.6	1589.3	1587.2
47.5°	901.8	1234.9	1508.7	1508.7	1502.3	1523.5	1534.1	1519.3	1500.2	1493.8	1493.8
50°	899.7	1150.1	1398.3	1389.8	1419.5	1445.0	1434.4	1419.5	1404.7	1381.3	1381.3
52.5°	817.0	1046.1	1256.1	1288.0	1334.7	1349.5	1332.6	1317.7	1292.3	1281.7	1273.2
55°	757.6	937.9	1126.8	1190.4	1239.2	1258.3	1226.4	1211.6	1173.4	1167.1	1162.8
57.5°	744.8	780.8	1007.9	1088.5	1148.0	1145.8	1126.8	1099.1	1067.3	1060.9	1058.8
60°	683.3	564.4	880.6	976.0	1037.6	1031.2	1014.3	988.8	959.1	954.8	950.6
62.5°	619.6	409.5	736.3	844.5	931.5	929.4	914.5	876.3	855.1	844.5	836.0
65°	526.2	343.8	524.1	702.4	827.6	831.7	799.9	772.4	749.0	736.3	734.2
67.5°	401.0	280.1	354.4	585.6	727.8	723.6	683.3	670.5	640.8	634.5	621.7
70°	297.0	186.7	246.1	475.3	630.2	619.6	587.8	572.9	545.3	530.5	522.0
72.5°	246.1	150.6	180.4	369.2	530.5	517.8	490.2	473.2	449.8	437.1	428.6
75°	199.5	159.2	138.0	273.7	430.7	422.3	396.8	379.8	360.7	343.8	345.9
77.5°	146.4	148.6	110.3	201.6	341.6	328.9	314.1	292.9	284.3	267.4	267.4
80°	110.3	116.7	82.8	138.0	246.1	246.1	233.4	218.6	203.7	195.2	195.2
82.5°	74.3	74.3	61.5	87.0	167.7	161.2	152.8	148.6	140.0	135.8	135.8
85°	34.0	42.4	38.2	53.1	91.2	95.5	95.5	91.2	89.1	84.9	87.0
87.5°	10.6	19.1	23.4	29.7	46.7	48.8	50.9	50.9	50.9	53.1	53.1
90°	5.0	9.0	13.0	14.0	21.9	32.5	37.8	33.6	25.2	19.0	19.0
92.5°	19.9	53.8	87.7	96.1	135.1	187.1	213.1	186.8	134.1	94.6	90.8
95°	47.8	109.8	171.7	187.2	332.4	526.0	622.8	555.8	421.7	321.1	309.7
97.5°	82.6	137.3	192.0	205.6	447.8	770.6	932.0	889.6	804.8	741.3	719.6
100°	109.5	159.1	208.7	221.1	489.7	848.0	1027.0	1030.2	1036.4	1041.0	1015.2
102.5°	132.4	178.7	224.9	236.5	508.9	872.3	1053.9	1107.9	1215.9	1296.9	1274.8
105°	171.3	210.5	249.6	259.4	523.2	875.0	1051.0	1172.0	1414.0	1595.6	1583.7
107.5°	211.1	247.6	284.1	293.3	525.9	836.1	991.2	1160.0	1497.7	1750.9	1753.8
110°	238.0	270.9	303.9	312.1	521.9	801.6	941.4	1130.1	1507.6	1790.8	1803.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	264.3	295.7	327.1	335.0	522.0	771.4	896.1	1089.3	1475.7	1765.4	1784.4
115°	304.2	333.2	362.2	369.4	526.8	736.8	841.9	1027.9	1400.1	1679.2	1705.7
117.5°	343.5	369.9	396.2	402.8	536.7	715.2	804.5	972.4	1308.3	1560.2	1589.5
120°	366.4	391.1	416.0	422.1	544.6	707.9	789.6	943.0	1249.9	1480.1	1508.5
122.5°	388.8	413.9	438.8	445.1	556.1	704.1	778.1	916.3	1192.7	1400.0	1428.0
125°	423.2	446.0	468.7	474.4	571.5	700.9	765.7	883.1	1117.8	1293.9	1319.7
127.5°	451.0	474.1	497.1	502.8	587.0	699.2	755.2	856.0	1057.6	1208.8	1230.5
130°	466.0	490.7	515.5	521.7	598.2	700.3	751.3	841.0	1020.5	1155.0	1175.2
132.5°	481.4	506.2	531.0	537.2	607.4	700.9	747.8	828.1	988.7	1109.2	1127.3
135°	504.3	526.8	549.5	555.1	617.3	700.3	741.8	809.1	943.6	1044.5	1060.0
137.5°	527.7	550.1	572.4	578.0	632.3	704.6	740.8	797.6	911.4	996.7	1009.4
140°	547.2	567.7	588.3	593.4	641.4	705.4	737.3	786.5	884.7	958.4	970.3
142.5°	562.1	581.1	600.2	604.9	649.1	707.9	737.3	780.4	866.8	931.5	941.7
145°	585.0	601.6	618.1	622.3	659.0	707.9	732.3	767.7	838.3	891.2	898.9
147.5°	607.9	624.0	640.2	644.2	673.6	712.7	732.3	760.1	815.6	857.3	863.7
150°	622.8	637.4	652.0	655.6	681.2	715.3	732.3	755.8	802.7	837.9	843.1
152.5°	638.2	649.3	660.4	663.1	686.2	716.9	732.3	752.3	792.4	822.4	826.4
155°	661.1	669.3	677.5	679.6	697.2	720.6	732.3	748.2	780.1	804.0	806.6
157.5°	678.1	686.0	694.0	696.0	708.1	724.2	732.3	744.7	769.5	788.1	789.9
160°	689.5	695.7	701.9	703.4	713.1	725.9	732.3	742.9	764.2	780.1	781.2
162.5°	700.9	705.6	710.3	711.5	718.4	727.7	732.3	741.3	759.2	772.6	773.6
165°	713.4	717.6	721.8	722.9	726.0	730.2	732.3	738.8	751.6	761.2	762.3
167.5°	724.9	726.9	728.9	729.4	732.0	735.5	737.3	741.5	749.9	756.3	756.7
170°	732.3	734.3	736.4	736.8	737.0	737.2	737.3	741.5	749.9	756.3	756.3
172.5°	736.4	736.8	737.2	737.3	737.3	737.3	737.3	740.6	747.3	752.3	751.8
175°	741.8	741.8	741.8	741.8	740.3	738.3	737.3	739.4	743.7	746.8	746.8
177.5°	741.8	741.8	741.8	741.8	740.6	739.1	738.3	740.0	743.3	745.7	745.3
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2300.1	2293.8	2300.1	2295.9	2298.0	2291.7	2272.6	2266.2	2272.6	2278.9	2278.9
5°	2327.7	2323.5	2327.7	2327.7	2325.6	2321.4	2300.1	2295.9	2300.1	2302.3	2298.0
7.5°	2336.2	2329.8	2336.2	2332.0	2332.0	2327.7	2306.5	2302.3	2304.4	2310.8	2304.4
10°	2336.2	2329.8	2336.2	2334.1	2332.0	2327.7	2306.5	2298.0	2298.0	2304.4	2298.0
12.5°	2325.6	2321.4	2325.6	2321.4	2321.4	2317.1	2295.9	2287.4	2289.5	2291.7	2283.2
15°	2308.6	2302.3	2308.6	2304.4	2306.5	2300.1	2276.8	2268.3	2268.3	2272.6	2257.7
17.5°	2283.2	2274.7	2283.2	2281.1	2278.9	2274.7	2253.5	2244.9	2242.9	2244.9	2234.3
20°	2253.5	2247.1	2253.5	2251.4	2251.4	2242.9	2221.7	2211.1	2211.1	2211.1	2200.4
22.5°	2206.8	2200.4	2206.8	2211.1	2211.1	2208.9	2189.8	2174.9	2170.7	2170.7	2158.0
25°	2153.7	2147.4	2153.7	2153.7	2151.6	2153.7	2147.4	2138.9	2132.5	2126.2	2113.4
27.5°	2102.8	2098.6	2102.8	2098.6	2102.8	2096.5	2094.3	2092.2	2083.7	2077.4	2060.3
30°	2051.9	2047.6	2051.9	2047.6	2043.4	2039.1	2028.5	2024.3	2032.8	2028.5	2001.0
32.5°	1988.2	1984.0	1988.2	1988.2	1984.0	1984.0	1967.0	1960.6	1962.8	1975.5	1950.0
35°	1922.5	1916.1	1922.5	1920.3	1922.5	1916.1	1905.4	1903.4	1894.8	1909.7	1890.6
37.5°	1846.1	1839.7	1846.1	1846.1	1846.1	1850.3	1841.8	1835.4	1822.7	1841.8	1827.0
40°	1767.6	1759.1	1767.6	1765.4	1767.6	1771.8	1767.6	1763.3	1750.5	1765.4	1752.7
42.5°	1678.4	1676.3	1678.4	1680.5	1680.5	1689.0	1695.4	1686.9	1682.7	1672.1	1680.5
45°	1583.0	1578.7	1583.0	1587.2	1589.3	1593.6	1612.7	1612.7	1606.3	1589.3	1602.1
47.5°	1481.1	1470.5	1481.1	1493.8	1493.8	1500.2	1519.3	1534.1	1523.5	1502.3	1508.7
50°	1372.9	1375.0	1372.9	1381.3	1381.3	1404.7	1419.5	1434.4	1445.0	1419.5	1389.8
52.5°	1266.8	1264.6	1266.8	1273.2	1281.7	1292.3	1317.7	1332.6	1349.5	1334.7	1288.0
55°	1160.7	1164.9	1160.7	1162.8	1167.1	1173.4	1211.6	1226.4	1258.3	1239.2	1190.4
57.5°	1054.6	1048.2	1054.6	1058.8	1060.9	1067.3	1099.1	1126.8	1145.8	1148.0	1088.5
60°	931.5	923.0	931.5	950.6	954.8	959.1	988.8	1014.3	1031.2	1037.6	976.0
62.5°	823.3	808.5	823.3	836.0	844.5	855.1	876.3	914.5	929.4	931.5	844.5
65°	708.7	702.4	708.7	734.2	736.3	749.0	772.4	799.9	831.7	827.6	702.4
67.5°	604.7	604.7	604.7	621.7	634.5	640.8	670.5	683.3	723.6	727.8	585.6
70°	509.3	507.2	509.3	522.0	530.5	545.3	572.9	587.8	619.6	630.2	475.3
72.5°	418.0	415.9	418.0	428.6	437.1	449.8	473.2	490.2	517.8	530.5	369.2
75°	337.4	333.2	337.4	345.9	343.8	360.7	379.8	396.8	422.3	430.7	273.7
77.5°	258.9	258.9	258.9	267.4	267.4	284.3	292.9	314.1	328.9	341.6	201.6
80°	193.1	191.0	193.1	195.2	195.2	203.7	218.6	233.4	246.1	246.1	138.0
82.5°	135.8	131.5	135.8	135.8	135.8	140.0	148.6	152.8	161.2	167.7	87.0
85°	84.9	84.9	84.9	87.0	84.9	89.1	91.2	95.5	95.5	91.2	53.1
87.5°	55.2	53.1	55.2	53.1	53.1	50.9	50.9	50.9	48.8	46.7	29.7
90°	19.0	19.0	19.0	19.0	19.0	25.2	33.6	37.8	32.5	21.9	14.0
92.5°	75.8	60.7	75.8	90.8	94.6	134.1	186.8	213.1	187.1	135.1	96.1
95°	264.2	218.6	264.2	309.7	321.1	421.7	555.8	622.8	526.0	332.4	187.2
97.5°	632.8	546.1	632.8	719.6	741.3	804.8	889.6	932.0	770.6	447.8	205.6
100°	911.9	808.5	911.9	1015.2	1041.0	1036.4	1030.2	1027.0	848.0	489.7	221.1
102.5°	1186.3	1097.8	1186.3	1274.8	1296.9	1215.9	1107.9	1053.9	872.3	508.9	236.5
105°	1536.1	1488.5	1536.1	1583.7	1595.6	1414.0	1172.0	1051.0	875.0	523.2	259.4
107.5°	1765.3	1776.8	1765.3	1753.8	1750.9	1497.7	1160.0	991.2	836.1	525.9	293.3
110°	1852.8	1902.3	1852.8	1803.1	1790.8	1507.6	1130.1	941.4	801.6	521.9	312.1



TEST NUMBER: P934852

CATALOG NUMBER: SQ4-FA-075U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1860.5	1936.6	1860.5	1784.4	1765.4	1475.7	1089.3	896.1	771.4	522.0	335.0
115°	1811.2	1916.7	1811.2	1705.7	1679.2	1400.1	1027.9	841.9	736.8	526.8	369.4
117.5°	1706.5	1823.6	1706.5	1589.5	1560.2	1308.3	972.4	804.5	715.2	536.7	402.8
120°	1622.3	1736.0	1622.3	1508.5	1480.1	1249.9	943.0	789.6	707.9	544.6	422.1
122.5°	1540.2	1652.3	1540.2	1428.0	1400.0	1192.7	916.3	778.1	704.1	556.1	445.1
125°	1423.1	1526.4	1423.1	1319.7	1293.9	1117.8	883.1	765.7	700.9	571.5	474.4
127.5°	1317.7	1404.9	1317.7	1230.5	1208.8	1057.6	856.0	755.2	699.2	587.0	502.8
130°	1255.7	1336.2	1255.7	1175.2	1155.0	1020.5	841.0	751.3	700.3	598.2	521.7
132.5°	1199.4	1271.5	1199.4	1127.3	1109.2	988.7	828.1	747.8	700.9	607.4	537.2
135°	1122.2	1184.3	1122.2	1060.0	1044.5	943.6	809.1	741.8	700.3	617.3	555.1
137.5°	1060.3	1111.2	1060.3	1009.4	996.7	911.4	797.6	740.8	704.6	632.3	578.0
140°	1017.9	1065.4	1017.9	970.3	958.4	884.7	786.5	737.3	705.4	641.4	593.4
142.5°	982.6	1023.6	982.6	941.7	931.5	866.8	780.4	737.3	707.9	649.1	604.9
145°	929.9	960.9	929.9	898.9	891.2	838.3	767.7	732.3	707.9	659.0	622.3
147.5°	889.3	915.0	889.3	863.7	857.3	815.6	760.1	732.3	712.7	673.6	644.2
150°	863.9	884.7	863.9	843.1	837.9	802.7	755.8	732.3	715.3	681.2	655.6
152.5°	842.0	857.8	842.0	826.4	822.4	792.4	752.3	732.3	716.9	686.2	663.1
155°	817.1	827.4	817.1	806.6	804.0	780.1	748.2	732.3	720.6	697.2	679.6
157.5°	797.2	804.5	797.2	789.9	788.1	769.5	744.7	732.3	724.2	708.1	696.0
160°	785.4	789.6	785.4	781.2	780.1	764.2	742.9	732.3	725.9	713.1	703.4
162.5°	777.6	781.6	777.6	773.6	772.6	759.2	741.3	732.3	727.7	718.4	711.5
165°	766.5	770.6	766.5	762.3	761.2	751.6	738.8	732.3	730.2	726.0	722.9
167.5°	758.4	760.2	758.4	756.7	756.3	749.9	741.5	737.3	735.5	732.0	729.4
170°	756.3	756.3	756.3	756.3	756.3	749.9	741.5	737.3	737.2	737.0	736.8
172.5°	750.3	748.8	750.3	751.8	752.3	747.3	740.6	737.3	737.3	737.3	737.3
175°	746.8	746.8	746.8	746.8	746.8	743.7	739.4	737.3	738.3	740.3	741.8
177.5°	743.6	741.8	743.6	745.3	745.7	743.3	740.0	738.3	739.1	740.6	741.8
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2274.7	2262.0	2262.0	2240.8	2232.3	2225.9	2215.2	2183.4	2174.9	2166.5	2179.2
5°	2293.8	2270.4	2253.5	2215.2	2183.4	2170.7	2130.4	2054.0	2003.1	1964.9	1943.7
7.5°	2298.0	2268.3	2236.5	2177.1	2100.6	2066.8	1943.7	1803.6	1765.4	1731.5	1710.2
10°	2293.8	2259.8	2215.2	2126.2	1945.7	1886.4	1763.3	1672.1	1648.7	1642.4	1648.7
12.5°	2278.9	2247.1	2185.5	2037.1	1784.5	1744.2	1672.1	1619.0	1614.8	1625.4	1682.7
15°	2253.5	2223.7	2151.6	1918.2	1695.4	1665.7	1614.8	1595.6	1619.0	1693.3	1865.1
17.5°	2228.0	2194.0	2104.9	1801.5	1627.5	1606.3	1570.2	1608.4	1739.9	1839.7	1897.0
20°	2194.0	2153.7	2051.9	1716.7	1578.7	1559.6	1542.6	1714.5	1814.2	1850.3	1882.2
22.5°	2153.7	2111.3	1979.7	1657.2	1527.8	1512.9	1523.5	1773.9	1814.2	1839.7	1867.3
25°	2100.6	2064.6	1894.8	1610.5	1487.5	1470.5	1510.8	1767.6	1790.9	1797.3	1852.4
27.5°	2051.9	2005.2	1805.7	1568.1	1438.7	1432.3	1521.4	1739.9	1757.0	1763.3	1822.7
30°	1992.5	1922.5	1706.0	1523.5	1387.7	1385.6	1523.5	1706.0	1701.8	1718.7	1778.2
32.5°	1931.0	1799.4	1593.6	1468.4	1338.9	1336.8	1508.7	1655.1	1650.8	1674.2	1718.7
35°	1873.6	1703.9	1440.7	1404.7	1277.4	1279.5	1472.6	1595.6	1597.8	1619.0	1646.6
37.5°	1814.2	1621.1	1273.2	1334.7	1218.0	1218.0	1423.8	1540.5	1536.3	1542.6	1580.8
40°	1744.2	1491.7	1124.6	1243.4	1162.8	1156.4	1364.4	1481.1	1466.2	1464.1	1517.2
42.5°	1669.9	1349.5	1014.3	1122.5	1099.1	1090.6	1292.3	1408.9	1381.3	1387.7	1455.6
45°	1589.3	1311.3	929.4	948.5	1033.4	1027.0	1213.7	1326.2	1307.1	1324.1	1394.1
47.5°	1508.7	1234.9	901.8	787.3	963.4	961.2	1126.8	1245.5	1234.9	1252.0	1326.2
50°	1398.3	1150.1	899.7	674.8	884.8	893.3	1022.8	1167.1	1167.1	1181.9	1260.4
52.5°	1256.1	1046.1	817.0	611.1	793.6	819.1	931.5	1099.1	1103.4	1118.3	1188.3
55°	1126.8	937.9	757.6	562.3	685.4	740.5	842.4	1029.1	1037.6	1052.5	1116.1
57.5°	1007.9	780.8	744.8	505.0	585.6	638.7	763.9	961.2	965.4	978.2	1039.7
60°	880.6	564.4	683.3	443.5	498.7	539.0	691.7	880.6	895.4	903.9	957.0
62.5°	736.3	409.5	619.6	401.0	456.2	464.7	632.4	804.2	823.3	829.7	861.5
65°	524.1	343.8	526.2	365.0	411.6	413.8	568.7	725.7	742.7	753.3	776.6
67.5°	354.4	280.1	401.0	331.0	377.7	379.8	507.2	634.5	657.8	666.2	681.1
70°	246.1	186.7	297.0	294.9	339.5	343.8	441.3	551.7	572.9	579.3	587.8
72.5°	180.4	150.6	246.1	265.2	299.2	303.5	373.5	458.4	479.6	485.9	490.2
75°	138.0	159.2	199.5	231.3	254.6	256.7	305.5	373.5	388.3	392.6	394.7
77.5°	110.3	148.6	146.4	186.7	208.0	203.7	239.8	288.6	301.3	301.3	301.3
80°	82.8	116.7	110.3	133.7	152.8	148.6	171.8	205.8	210.1	214.3	212.2
82.5°	61.5	74.3	74.3	84.9	101.8	97.6	114.6	133.7	133.7	133.7	138.0
85°	38.2	42.4	34.0	44.6	57.3	55.2	63.7	72.1	74.3	74.3	70.0
87.5°	23.4	19.1	10.6	16.9	25.5	25.5	29.7	31.8	29.7	29.7	29.7
90°	13.0	9.0	5.0	9.0	13.0	14.0	21.9	32.5	37.8	33.6	25.2
92.5°	87.7	53.8	19.9	53.8	87.7	96.1	135.1	187.1	213.1	186.8	134.1
95°	171.7	109.8	47.8	109.8	171.7	187.2	332.4	526.0	622.8	555.8	421.7
97.5°	192.0	137.3	82.6	137.3	192.0	205.6	447.8	770.6	932.0	889.6	804.8
100°	208.7	159.1	109.5	159.1	208.7	221.1	489.7	848.0	1027.0	1030.2	1036.4
102.5°	224.9	178.7	132.4	178.7	224.9	236.5	508.9	872.3	1053.9	1107.9	1215.9
105°	249.6	210.5	171.3	210.5	249.6	259.4	523.2	875.0	1051.0	1172.0	1414.0
107.5°	284.1	247.6	211.1	247.6	284.1	293.3	525.9	836.1	991.2	1160.0	1497.7
110°	303.9	270.9	238.0	270.9	303.9	312.1	521.9	801.6	941.4	1130.1	1507.6



TEST NUMBER: P934852

CATALOG NUMBER: SQ4-FA-075U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	327.1	295.7	264.3	295.7	327.1	335.0	522.0	771.4	896.1	1089.3	1475.7
115°	362.2	333.2	304.2	333.2	362.2	369.4	526.8	736.8	841.9	1027.9	1400.1
117.5°	396.2	369.9	343.5	369.9	396.2	402.8	536.7	715.2	804.5	972.4	1308.3
120°	416.0	391.1	366.4	391.1	416.0	422.1	544.6	707.9	789.6	943.0	1249.9
122.5°	438.8	413.9	388.8	413.9	438.8	445.1	556.1	704.1	778.1	916.3	1192.7
125°	468.7	446.0	423.2	446.0	468.7	474.4	571.5	700.9	765.7	883.1	1117.8
127.5°	497.1	474.1	451.0	474.1	497.1	502.8	587.0	699.2	755.2	856.0	1057.6
130°	515.5	490.7	466.0	490.7	515.5	521.7	598.2	700.3	751.3	841.0	1020.5
132.5°	531.0	506.2	481.4	506.2	531.0	537.2	607.4	700.9	747.8	828.1	988.7
135°	549.5	526.8	504.3	526.8	549.5	555.1	617.3	700.3	741.8	809.1	943.6
137.5°	572.4	550.1	527.7	550.1	572.4	578.0	632.3	704.6	740.8	797.6	911.4
140°	588.3	567.7	547.2	567.7	588.3	593.4	641.4	705.4	737.3	786.5	884.7
142.5°	600.2	581.1	562.1	581.1	600.2	604.9	649.1	707.9	737.3	780.4	866.8
145°	618.1	601.6	585.0	601.6	618.1	622.3	659.0	707.9	732.3	767.7	838.3
147.5°	640.2	624.0	607.9	624.0	640.2	644.2	673.6	712.7	732.3	760.1	815.6
150°	652.0	637.4	622.8	637.4	652.0	655.6	681.2	715.3	732.3	755.8	802.7
152.5°	660.4	649.3	638.2	649.3	660.4	663.1	686.2	716.9	732.3	752.3	792.4
155°	677.5	669.3	661.1	669.3	677.5	679.6	697.2	720.6	732.3	748.2	780.1
157.5°	694.0	686.0	678.1	686.0	694.0	696.0	708.1	724.2	732.3	744.7	769.5
160°	701.9	695.7	689.5	695.7	701.9	703.4	713.1	725.9	732.3	742.9	764.2
162.5°	710.3	705.6	700.9	705.6	710.3	711.5	718.4	727.7	732.3	741.3	759.2
165°	721.8	717.6	713.4	717.6	721.8	722.9	726.0	730.2	732.3	738.8	751.6
167.5°	728.9	726.9	724.9	726.9	728.9	729.4	732.0	735.5	737.3	741.5	749.9
170°	736.4	734.3	732.3	734.3	736.4	736.8	737.0	737.2	737.3	741.5	749.9
172.5°	737.2	736.8	736.4	736.8	737.2	737.3	737.3	737.3	737.3	740.6	747.3
175°	741.8	741.8	741.8	741.8	741.8	741.8	740.3	738.3	737.3	739.4	743.7
177.5°	741.8	741.8	741.8	741.8	741.8	741.8	740.6	739.1	738.3	740.0	743.3
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



TEST NUMBER: P934852
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2164.3	2158.0	2166.5	2143.1	2166.5	2158.0	2164.3	2179.2	2166.5	2174.9	2183.4
5°	1899.1	1888.5	1854.5	1827.0	1854.5	1888.5	1899.1	1943.7	1964.9	2003.1	2054.0
7.5°	1697.5	1689.0	1680.5	1663.6	1680.5	1689.0	1697.5	1710.2	1731.5	1765.4	1803.6
10°	1653.0	1655.1	1667.8	1665.7	1667.8	1655.1	1653.0	1648.7	1642.4	1648.7	1672.1
12.5°	1767.6	1786.7	1856.7	1852.4	1856.7	1786.7	1767.6	1682.7	1625.4	1614.8	1619.0
15°	1899.1	1905.4	1920.3	1922.5	1920.3	1905.4	1899.1	1865.1	1693.3	1619.0	1595.6
17.5°	1911.9	1914.0	1924.6	1924.6	1924.6	1914.0	1911.9	1897.0	1839.7	1739.9	1608.4
20°	1901.3	1905.4	1926.7	1931.0	1926.7	1905.4	1901.3	1882.2	1850.3	1814.2	1714.5
22.5°	1897.0	1905.4	1922.5	1920.3	1922.5	1905.4	1897.0	1867.3	1839.7	1814.2	1773.9
25°	1875.7	1875.7	1877.9	1880.0	1877.9	1875.7	1875.7	1852.4	1797.3	1790.9	1767.6
27.5°	1831.2	1835.4	1848.2	1846.1	1848.2	1835.4	1831.2	1822.7	1763.3	1757.0	1739.9
30°	1790.9	1786.7	1776.0	1767.6	1776.0	1786.7	1790.9	1778.2	1718.7	1701.8	1706.0
32.5°	1723.0	1712.4	1701.8	1695.4	1701.8	1712.4	1723.0	1718.7	1674.2	1650.8	1655.1
35°	1642.4	1644.5	1642.4	1636.0	1642.4	1644.5	1642.4	1646.6	1619.0	1597.8	1595.6
37.5°	1585.0	1589.3	1587.2	1578.7	1587.2	1589.3	1585.0	1580.8	1542.6	1536.3	1540.5
40°	1525.6	1527.8	1525.6	1519.3	1525.6	1527.8	1525.6	1517.2	1464.1	1466.2	1481.1
42.5°	1468.4	1466.2	1459.9	1455.6	1459.9	1466.2	1468.4	1455.6	1387.7	1381.3	1408.9
45°	1402.6	1404.7	1392.0	1385.6	1392.0	1404.7	1402.6	1394.1	1324.1	1307.1	1326.2
47.5°	1336.8	1336.8	1326.2	1319.8	1326.2	1336.8	1336.8	1326.2	1252.0	1234.9	1245.5
50°	1266.8	1264.6	1249.8	1247.7	1249.8	1264.6	1266.8	1260.4	1181.9	1167.1	1167.1
52.5°	1186.1	1186.1	1188.3	1192.5	1188.3	1186.1	1186.1	1188.3	1118.3	1103.4	1099.1
55°	1116.1	1118.3	1133.1	1137.4	1133.1	1118.3	1116.1	1116.1	1052.5	1037.6	1029.1
57.5°	1044.0	1044.0	1054.6	1054.6	1054.6	1044.0	1044.0	1039.7	978.2	965.4	961.2
60°	961.2	965.4	974.0	971.9	974.0	965.4	961.2	957.0	903.9	895.4	880.6
62.5°	874.2	878.5	880.6	876.3	880.6	878.5	874.2	861.5	829.7	823.3	804.2
65°	783.0	787.3	789.3	785.1	789.3	787.3	783.0	776.6	753.3	742.7	725.7
67.5°	689.6	687.5	685.4	693.9	685.4	687.5	689.6	681.1	666.2	657.8	634.5
70°	594.1	594.1	592.0	596.2	592.0	594.1	594.1	587.8	579.3	572.9	551.7
72.5°	492.3	490.2	498.7	492.3	498.7	490.2	492.3	490.2	485.9	479.6	458.4
75°	392.6	396.8	392.6	398.9	392.6	396.8	392.6	394.7	392.6	388.3	373.5
77.5°	299.2	303.5	299.2	299.2	299.2	303.5	299.2	301.3	301.3	301.3	288.6
80°	212.2	210.1	210.1	208.0	210.1	210.1	212.2	212.2	214.3	210.1	205.8
82.5°	135.8	133.7	133.7	138.0	133.7	133.7	135.8	138.0	133.7	133.7	133.7
85°	74.3	76.4	72.1	72.1	72.1	76.4	74.3	70.0	74.3	74.3	72.1
87.5°	27.6	25.5	25.5	25.5	25.5	25.5	27.6	29.7	29.7	29.7	31.8
90°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	25.2	33.6	37.8	32.5
92.5°	94.6	90.8	75.8	60.7	75.8	90.8	94.6	134.1	186.8	213.1	187.1
95°	321.1	309.7	264.2	218.6	264.2	309.7	321.1	421.7	555.8	622.8	526.0
97.5°	741.3	719.6	632.8	546.1	632.8	719.6	741.3	804.8	889.6	932.0	770.6
100°	1041.0	1015.2	911.9	808.5	911.9	1015.2	1041.0	1036.4	1030.2	1027.0	848.0
102.5°	1296.9	1274.8	1186.3	1097.8	1186.3	1274.8	1296.9	1215.9	1107.9	1053.9	872.3
105°	1595.6	1583.7	1536.1	1488.5	1536.1	1583.7	1595.6	1414.0	1172.0	1051.0	875.0
107.5°	1750.9	1753.8	1765.3	1776.8	1765.3	1753.8	1750.9	1497.7	1160.0	991.2	836.1
110°	1790.8	1803.1	1852.8	1902.3	1852.8	1803.1	1790.8	1507.6	1130.1	941.4	801.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1765.4	1784.4	1860.5	1936.6	1860.5	1784.4	1765.4	1475.7	1089.3	896.1	771.4
115°	1679.2	1705.7	1811.2	1916.7	1811.2	1705.7	1679.2	1400.1	1027.9	841.9	736.8
117.5°	1560.2	1589.5	1706.5	1823.6	1706.5	1589.5	1560.2	1308.3	972.4	804.5	715.2
120°	1480.1	1508.5	1622.3	1736.0	1622.3	1508.5	1480.1	1249.9	943.0	789.6	707.9
122.5°	1400.0	1428.0	1540.2	1652.3	1540.2	1428.0	1400.0	1192.7	916.3	778.1	704.1
125°	1293.9	1319.7	1423.1	1526.4	1423.1	1319.7	1293.9	1117.8	883.1	765.7	700.9
127.5°	1208.8	1230.5	1317.7	1404.9	1317.7	1230.5	1208.8	1057.6	856.0	755.2	699.2
130°	1155.0	1175.2	1255.7	1336.2	1255.7	1175.2	1155.0	1020.5	841.0	751.3	700.3
132.5°	1109.2	1127.3	1199.4	1271.5	1199.4	1127.3	1109.2	988.7	828.1	747.8	700.9
135°	1044.5	1060.0	1122.2	1184.3	1122.2	1060.0	1044.5	943.6	809.1	741.8	700.3
137.5°	996.7	1009.4	1060.3	1111.2	1060.3	1009.4	996.7	911.4	797.6	740.8	704.6
140°	958.4	970.3	1017.9	1065.4	1017.9	970.3	958.4	884.7	786.5	737.3	705.4
142.5°	931.5	941.7	982.6	1023.6	982.6	941.7	931.5	866.8	780.4	737.3	707.9
145°	891.2	898.9	929.9	960.9	929.9	898.9	891.2	838.3	767.7	732.3	707.9
147.5°	857.3	863.7	889.3	915.0	889.3	863.7	857.3	815.6	760.1	732.3	712.7
150°	837.9	843.1	863.9	884.7	863.9	843.1	837.9	802.7	755.8	732.3	715.3
152.5°	822.4	826.4	842.0	857.8	842.0	826.4	822.4	792.4	752.3	732.3	716.9
155°	804.0	806.6	817.1	827.4	817.1	806.6	804.0	780.1	748.2	732.3	720.6
157.5°	788.1	789.9	797.2	804.5	797.2	789.9	788.1	769.5	744.7	732.3	724.2
160°	780.1	781.2	785.4	789.6	785.4	781.2	780.1	764.2	742.9	732.3	725.9
162.5°	772.6	773.6	777.6	781.6	777.6	773.6	772.6	759.2	741.3	732.3	727.7
165°	761.2	762.3	766.5	770.6	766.5	762.3	761.2	751.6	738.8	732.3	730.2
167.5°	756.3	756.7	758.4	760.2	758.4	756.7	756.3	749.9	741.5	737.3	735.5
170°	756.3	756.3	756.3	756.3	756.3	756.3	756.3	749.9	741.5	737.3	737.2
172.5°	752.3	751.8	750.3	748.8	750.3	751.8	752.3	747.3	740.6	737.3	737.3
175°	746.8	746.8	746.8	746.8	746.8	746.8	746.8	743.7	739.4	737.3	738.3
177.5°	745.7	745.3	743.6	741.8	743.6	745.3	745.7	743.3	740.0	738.3	739.1
180°	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8	741.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2242.9	2242.9	2242.9	2242.9	2242.9
2.5°	2215.2	2225.9	2232.3	2240.8	2262.0
5°	2130.4	2170.7	2183.4	2215.2	2253.5
7.5°	1943.7	2066.8	2100.6	2177.1	2236.5
10°	1763.3	1886.4	1945.7	2126.2	2215.2
12.5°	1672.1	1744.2	1784.5	2037.1	2185.5
15°	1614.8	1665.7	1695.4	1918.2	2151.6
17.5°	1570.2	1606.3	1627.5	1801.5	2104.9
20°	1542.6	1559.6	1578.7	1716.7	2051.9
22.5°	1523.5	1512.9	1527.8	1657.2	1979.7
25°	1510.8	1470.5	1487.5	1610.5	1894.8
27.5°	1521.4	1432.3	1438.7	1568.1	1805.7
30°	1523.5	1385.6	1387.7	1523.5	1706.0
32.5°	1508.7	1336.8	1338.9	1468.4	1593.6
35°	1472.6	1279.5	1277.4	1404.7	1440.7
37.5°	1423.8	1218.0	1218.0	1334.7	1273.2
40°	1364.4	1156.4	1162.8	1243.4	1124.6
42.5°	1292.3	1090.6	1099.1	1122.5	1014.3
45°	1213.7	1027.0	1033.4	948.5	929.4
47.5°	1126.8	961.2	963.4	787.3	901.8
50°	1022.8	893.3	884.8	674.8	899.7
52.5°	931.5	819.1	793.6	611.1	817.0
55°	842.4	740.5	685.4	562.3	757.6
57.5°	763.9	638.7	585.6	505.0	744.8
60°	691.7	539.0	498.7	443.5	683.3
62.5°	632.4	464.7	456.2	401.0	619.6
65°	568.7	413.8	411.6	365.0	526.2
67.5°	507.2	379.8	377.7	331.0	401.0
70°	441.3	343.8	339.5	294.9	297.0
72.5°	373.5	303.5	299.2	265.2	246.1
75°	305.5	256.7	254.6	231.3	199.5
77.5°	239.8	203.7	208.0	186.7	146.4
80°	171.8	148.6	152.8	133.7	110.3
82.5°	114.6	97.6	101.8	84.9	74.3
85°	63.7	55.2	57.3	44.6	34.0
87.5°	29.7	25.5	25.5	16.9	10.6
90°	21.9	14.0	13.0	9.0	5.0
92.5°	135.1	96.1	87.7	53.8	19.9
95°	332.4	187.2	171.7	109.8	47.8
97.5°	447.8	205.6	192.0	137.3	82.6
100°	489.7	221.1	208.7	159.1	109.5
102.5°	508.9	236.5	224.9	178.7	132.4
105°	523.2	259.4	249.6	210.5	171.3
107.5°	525.9	293.3	284.1	247.6	211.1
110°	521.9	312.1	303.9	270.9	238.0



TEST NUMBER: P934852

CATALOG NUMBER: SQ4-FA-075U-100D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	522.0	335.0	327.1	295.7	264.3
115°	526.8	369.4	362.2	333.2	304.2
117.5°	536.7	402.8	396.2	369.9	343.5
120°	544.6	422.1	416.0	391.1	366.4
122.5°	556.1	445.1	438.8	413.9	388.8
125°	571.5	474.4	468.7	446.0	423.2
127.5°	587.0	502.8	497.1	474.1	451.0
130°	598.2	521.7	515.5	490.7	466.0
132.5°	607.4	537.2	531.0	506.2	481.4
135°	617.3	555.1	549.5	526.8	504.3
137.5°	632.3	578.0	572.4	550.1	527.7
140°	641.4	593.4	588.3	567.7	547.2
142.5°	649.1	604.9	600.2	581.1	562.1
145°	659.0	622.3	618.1	601.6	585.0
147.5°	673.6	644.2	640.2	624.0	607.9
150°	681.2	655.6	652.0	637.4	622.8
152.5°	686.2	663.1	660.4	649.3	638.2
155°	697.2	679.6	677.5	669.3	661.1
157.5°	708.1	696.0	694.0	686.0	678.1
160°	713.1	703.4	701.9	695.7	689.5
162.5°	718.4	711.5	710.3	705.6	700.9
165°	726.0	722.9	721.8	717.6	713.4
167.5°	732.0	729.4	728.9	726.9	724.9
170°	737.0	736.8	736.4	734.3	732.3
172.5°	737.3	737.3	737.2	736.8	736.4
175°	740.3	741.8	741.8	741.8	741.8
177.5°	740.6	741.8	741.8	741.8	741.8
180°	741.8	741.8	741.8	741.8	741.8



TEST NUMBER: P934852
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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	13.37	14.28	14.29	15.21	16.41	16.21	17.12	17.13	18.05	19.25
	3H	13.85	14.67	14.78	15.61	16.83	17.56	18.37	18.49	19.32	20.54
	4H	14.05	14.81	14.99	15.76	17.00	18.01	18.78	18.95	19.73	20.96
	6H	14.17	14.88	15.12	15.83	17.08	18.30	19.01	19.25	19.96	21.21
	8H	14.17	14.84	15.13	15.82	17.06	18.38	19.05	19.34	20.02	21.27
	12H	14.14	14.78	15.11	15.75	17.02	18.42	19.06	19.38	20.02	21.29
4H	2H	14.41	15.18	15.36	16.13	17.36	16.63	17.39	17.57	18.34	19.58
	3H	15.44	16.08	16.40	17.06	18.31	18.14	18.78	19.10	19.76	21.01
	4H	15.72	16.31	16.69	17.28	18.55	18.67	19.25	19.64	20.23	21.50
	6H	15.85	16.35	16.83	17.35	18.62	19.04	19.54	20.02	20.54	21.81
	8H	15.86	16.33	16.84	17.32	18.60	19.15	19.62	20.13	20.61	21.89
	12H	15.83	16.25	16.83	17.26	18.55	19.21	19.63	20.21	20.64	21.93
8H	4H	16.18	16.65	17.16	17.64	18.93	18.80	19.27	19.78	20.26	21.54
	6H	16.44	16.83	17.45	17.86	19.15	19.24	19.63	20.24	20.66	21.94
	8H	16.49	16.83	17.50	17.85	19.15	19.39	19.73	20.41	20.75	22.06
	12H	16.47	16.78	17.49	17.79	19.14	19.49	19.79	20.51	20.81	22.16
12H	4H	16.19	16.61	17.19	17.62	18.91	18.76	19.19	19.76	20.19	21.49
	6H	16.51	16.85	17.52	17.87	19.17	19.24	19.58	20.25	20.60	21.90
	8H	16.57	16.88	17.59	17.89	19.24	19.40	19.70	20.42	20.71	22.06