

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: P934872

Luminaire Tested: SQ4-FA-075U-100D-935-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934872
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-935-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

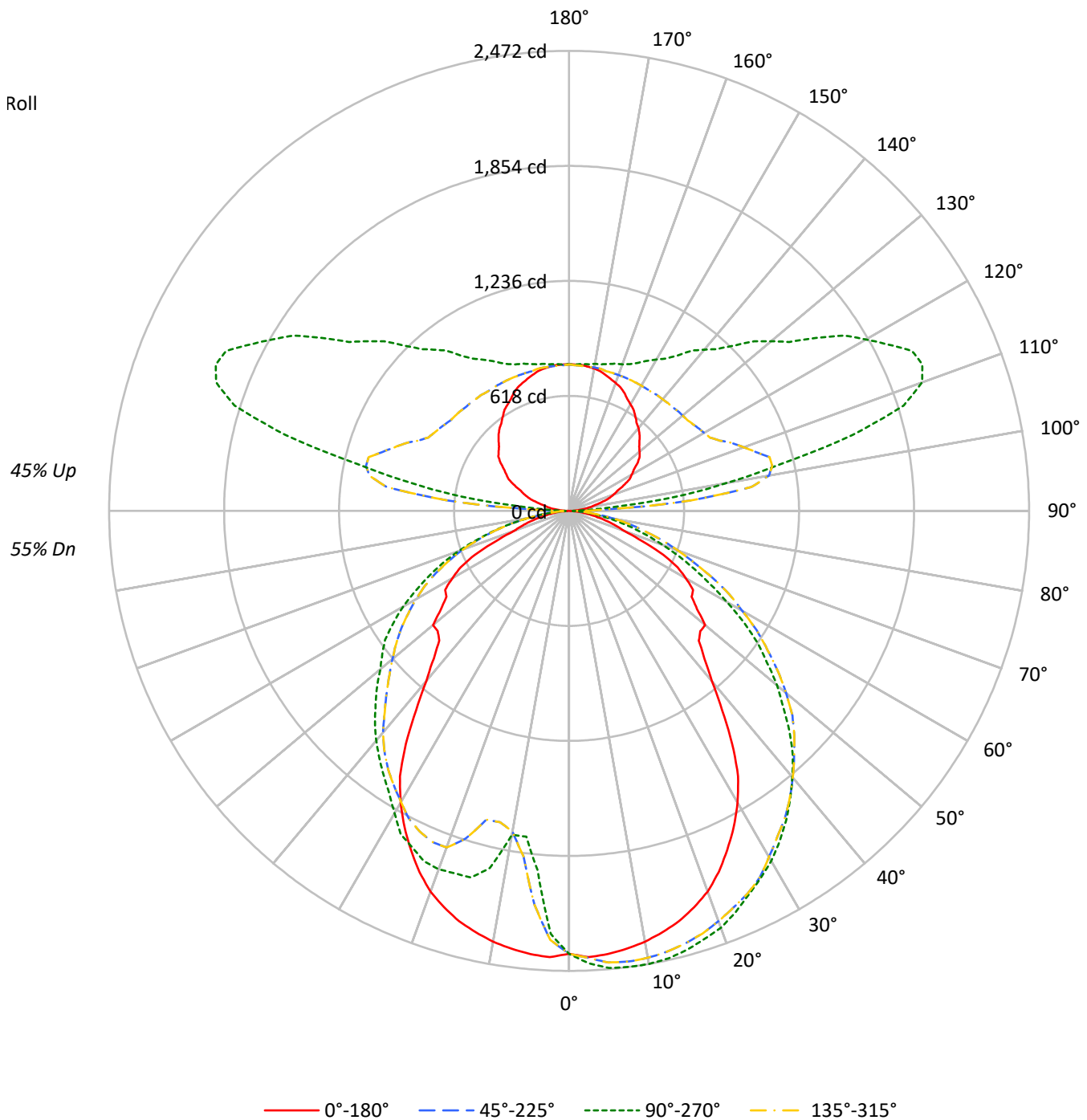
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11275.4 lumens
Efficiency: N/A
Efficacy: 110.1 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°	11041	11041	11041	11041
5°	11124	11146	11124	8764
10°	11049	10979	11049	7849
15°	10929	10741	10929	8969
20°	10700	10459	10700	8988
25°	10233	10048	10233	8797
30°	9628	9707	9628	8379
35°	8583	9275	8583	7919
40°	7152	8767	7152	7572
45°	6390	8172	6390	7173
50°	6789	7463	6789	6772
55°	6388	6699	6388	6541
60°	6585	5690	6585	5991
65°	5969	4703	5969	5257
70°	4134	3748	4134	4407
75°	3624	2771	3624	3318
80°	2922	1831	2922	1995
85°	1677	971	1677	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9794 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.8	1.9
10°-20°	609.9	5.4
20°-30°	942.8	8.4
30°-40°	1125.5	10.0
40°-50°	1132.1	10.0
50°-60°	985.1	8.7
60°-70°	698.4	6.2
70°-80°	369.5	3.3
80°-90°	95.0	0.8
90°-100°	383.7	3.4
100°-110°	1008.6	8.9
110°-120°	1045.8	9.3
120°-130°	838.9	7.4
130°-140°	658.2	5.8
140°-150°	505.2	4.5
150°-160°	363.8	3.2
160°-170°	222.6	2.0
170°-180°	75.2	0.7
0°-30°	1767.5	15.7
0°-40°	2893.0	25.7
0°-60°	5010.2	44.4
0°-90°	6173.2	54.7
90°-120°	2438.2	21.6
90°-150°	4440.5	39.4
90°-180°	5102.0	45.2
0°-180°	11275.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2380	2380	2380	2380	2380	
5°	2391	2465	2391	1938	2391	227
15°	2283	2443	2283	2040	2283	642
25°	2010	2278	2010	1995	2010	923
35°	1529	2033	1529	1736	1529	946
45°	986	1675	986	1470	986	790
55°	804	1236	804	1207	804	739
65°	558	745	558	833	558	534
75°	212	354	212	423	212	222
85°	36	90	36	76	36	49
90°	5	20	5	20	5	6
95°	51	232	51	232	51	56
105°	182	1579	182	1579	182	193
115°	323	2034	323	2034	323	319
125°	449	1620	449	1620	449	399
135°	535	1257	535	1257	535	414
145°	621	1020	621	1020	621	389
155°	702	878	702	878	702	322
165°	757	818	757	818	757	214
175°	787	792	787	792	787	75
180°	787	787	787	787	787	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2400.0	2400.0	2413.5	2418.0	2418.0	2411.2	2404.5	2411.2	2431.5	2438.3	2436.0
5°	2391.0	2408.9	2433.7	2438.3	2442.8	2440.5	2436.0	2440.5	2463.0	2467.6	2469.8
7.5°	2373.0	2406.7	2438.3	2445.0	2451.8	2445.0	2442.8	2447.3	2469.8	2474.3	2474.3
10°	2350.4	2397.7	2433.7	2438.3	2445.0	2438.3	2438.3	2447.3	2469.8	2474.3	2476.5
12.5°	2318.9	2384.2	2418.0	2422.5	2431.5	2429.2	2427.0	2436.0	2458.5	2463.0	2463.0
15°	2282.9	2359.4	2391.0	2395.5	2411.2	2406.7	2406.7	2415.8	2440.5	2447.3	2445.0
17.5°	2233.3	2327.9	2364.0	2370.7	2381.9	2379.7	2381.9	2391.0	2413.5	2418.0	2420.3
20°	2177.1	2285.1	2327.9	2334.7	2346.0	2346.0	2346.0	2357.2	2379.7	2388.8	2388.8
22.5°	2100.5	2240.2	2285.1	2289.7	2303.1	2303.1	2307.6	2323.4	2343.7	2346.0	2346.0
25°	2010.5	2190.6	2228.8	2242.4	2255.9	2262.7	2269.4	2278.4	2285.1	2282.9	2285.1
27.5°	1915.9	2127.5	2177.1	2186.1	2204.1	2210.9	2219.9	2222.1	2224.4	2231.1	2226.6
30°	1810.1	2039.8	2114.1	2123.1	2152.3	2156.8	2147.8	2152.3	2163.6	2168.1	2172.6
32.5°	1690.8	1909.2	2048.8	2069.0	2096.0	2082.5	2080.2	2087.1	2105.0	2105.0	2109.6
35°	1528.7	1807.9	1988.0	2005.9	2026.2	2010.5	2019.5	2021.7	2033.0	2039.8	2037.5
37.5°	1350.8	1720.0	1924.9	1938.5	1954.2	1934.0	1947.4	1954.2	1963.2	1958.7	1958.7
40°	1193.2	1582.8	1850.6	1859.7	1873.1	1857.4	1870.9	1875.4	1879.9	1875.4	1873.1
42.5°	1076.2	1431.9	1771.8	1783.1	1774.1	1785.4	1789.9	1798.8	1792.1	1783.1	1783.1
45°	986.1	1391.3	1686.3	1699.8	1686.3	1704.3	1711.1	1711.1	1690.8	1686.3	1684.1
47.5°	956.9	1310.3	1600.7	1600.7	1594.0	1616.5	1627.7	1612.0	1591.7	1585.0	1585.0
50°	954.6	1220.2	1483.7	1474.6	1506.2	1533.2	1521.9	1506.2	1490.4	1465.6	1465.6
52.5°	866.8	1109.9	1332.8	1366.6	1416.1	1431.9	1413.9	1398.1	1371.1	1359.9	1350.8
55°	803.8	995.1	1195.5	1263.0	1314.8	1335.1	1301.3	1285.6	1245.0	1238.3	1233.8
57.5°	790.2	828.5	1069.4	1155.0	1218.0	1215.7	1195.5	1166.2	1132.5	1125.7	1123.4
60°	725.0	598.9	934.3	1035.6	1101.0	1094.1	1076.2	1049.2	1017.6	1013.1	1008.6
62.5°	657.4	434.5	781.2	896.0	988.3	986.1	970.3	929.8	907.3	896.0	887.0
65°	558.3	364.7	556.1	745.2	878.1	882.5	848.8	819.5	794.7	781.2	779.0
67.5°	425.5	297.2	376.0	621.4	772.3	767.7	725.0	711.4	679.9	673.2	659.6
70°	315.2	198.1	261.1	504.3	668.6	657.4	623.7	607.9	578.6	562.8	553.8
72.5°	261.1	159.8	191.4	391.7	562.8	549.4	520.1	502.1	477.3	463.7	454.8
75°	211.6	168.9	146.4	290.4	457.0	448.1	421.0	403.0	382.7	364.7	367.0
77.5°	155.3	157.6	117.1	213.9	362.4	349.0	333.2	310.7	301.7	283.7	283.7
80°	117.1	123.8	87.8	146.4	261.1	261.1	247.7	231.9	216.2	207.1	207.1
82.5°	78.8	78.8	65.3	92.3	177.9	171.1	162.1	157.6	148.6	144.1	144.1
85°	36.0	45.0	40.6	56.3	96.8	101.3	101.3	96.8	94.6	90.1	92.3
87.5°	11.2	20.3	24.8	31.5	49.5	51.8	54.0	54.0	54.0	56.3	56.3
90°	5.3	9.5	13.8	14.8	23.3	34.5	40.1	35.7	26.8	20.1	20.1
92.5°	21.1	57.1	93.0	102.0	143.4	198.5	226.1	198.2	142.3	100.4	96.4
95°	50.7	116.5	182.2	198.6	352.6	558.1	660.8	589.7	447.4	340.7	328.6
97.5°	87.7	145.7	203.7	218.2	475.1	817.6	988.8	943.8	854.0	786.6	763.6
100°	116.2	168.8	221.4	234.6	519.6	899.7	1089.7	1093.0	1099.6	1104.5	1077.1
102.5°	140.5	189.6	238.6	250.9	540.0	925.5	1118.2	1175.5	1290.1	1376.1	1352.6
105°	181.7	223.3	264.8	275.2	555.2	928.4	1115.1	1243.5	1500.3	1692.9	1680.3
107.5°	224.0	262.8	301.4	311.2	558.0	887.1	1051.7	1230.8	1589.1	1857.8	1860.9
110°	252.5	287.5	322.4	331.2	553.7	850.5	998.9	1199.1	1599.6	1900.0	1913.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	280.5	313.8	347.1	355.5	553.9	818.5	950.8	1155.8	1565.7	1873.1	1893.3
115°	322.7	353.5	384.3	391.9	559.0	781.8	893.2	1090.6	1485.5	1781.7	1809.7
117.5°	364.5	392.4	420.4	427.4	569.5	758.9	853.6	1031.8	1388.2	1655.4	1686.4
120°	388.8	415.0	441.3	447.9	577.8	751.1	837.8	1000.6	1326.2	1570.4	1600.6
122.5°	412.5	439.1	465.6	472.3	590.0	747.0	825.6	972.2	1265.5	1485.4	1515.1
125°	449.0	473.2	497.3	503.4	606.4	743.7	812.4	936.9	1186.0	1372.8	1400.3
127.5°	478.6	503.0	527.4	533.5	622.8	741.8	801.3	908.2	1122.1	1282.5	1305.6
130°	494.4	520.7	547.0	553.5	634.7	743.0	797.1	892.3	1082.7	1225.5	1246.9
132.5°	510.8	537.1	563.4	570.0	644.5	743.7	793.4	878.6	1049.1	1176.9	1196.0
135°	535.1	559.0	583.0	589.0	655.0	743.0	787.1	858.5	1001.2	1108.2	1124.7
137.5°	559.9	583.6	607.3	613.3	670.9	747.6	786.0	846.3	967.0	1057.5	1071.0
140°	580.6	602.4	624.2	629.6	680.5	748.4	782.3	834.4	938.6	1016.9	1029.5
142.5°	596.4	616.6	636.8	641.8	688.7	751.1	782.3	828.1	919.6	988.3	999.1
145°	620.7	638.3	655.9	660.3	699.2	751.1	777.0	814.5	889.4	945.5	953.7
147.5°	645.0	662.1	679.3	683.6	714.7	756.2	777.0	806.5	865.4	909.6	916.4
150°	660.8	676.3	691.8	695.7	722.8	759.0	777.0	801.9	851.7	889.0	894.5
152.5°	677.2	688.9	700.7	703.6	728.0	760.7	777.0	798.2	840.8	872.6	876.8
155°	701.5	710.1	718.8	721.0	739.7	764.6	777.0	793.9	827.7	853.1	855.8
157.5°	719.4	727.9	736.3	738.4	751.3	768.4	777.0	790.1	816.5	836.2	838.1
160°	731.6	738.2	744.7	746.4	756.6	770.2	777.0	788.3	810.8	827.7	828.8
162.5°	743.7	748.7	753.6	754.9	762.3	772.1	777.0	786.6	805.6	819.8	820.8
165°	756.9	761.3	765.9	767.0	770.3	774.8	777.0	783.8	797.5	807.7	808.8
167.5°	769.1	771.2	773.4	773.9	776.7	780.4	782.3	786.7	795.7	802.4	802.8
170°	777.0	779.2	781.3	781.8	782.0	782.2	782.3	786.7	795.7	802.4	802.4
172.5°	781.3	781.7	782.2	782.3	782.3	782.3	782.3	785.8	792.9	798.2	797.7
175°	787.1	787.1	787.1	787.1	785.5	783.3	782.3	784.5	789.0	792.4	792.4
177.5°	787.1	787.1	787.1	787.1	785.8	784.2	783.3	785.1	788.6	791.3	790.8
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2440.5	2433.7	2440.5	2436.0	2438.3	2431.5	2411.2	2404.5	2411.2	2418.0	2418.0
5°	2469.8	2465.3	2469.8	2469.8	2467.6	2463.0	2440.5	2436.0	2440.5	2442.8	2438.3
7.5°	2478.8	2472.0	2478.8	2474.3	2474.3	2469.8	2447.3	2442.8	2445.0	2451.8	2445.0
10°	2478.8	2472.0	2478.8	2476.5	2474.3	2469.8	2447.3	2438.3	2438.3	2445.0	2438.3
12.5°	2467.6	2463.0	2467.6	2463.0	2463.0	2458.5	2436.0	2427.0	2429.2	2431.5	2422.5
15°	2449.5	2442.8	2449.5	2445.0	2447.3	2440.5	2415.8	2406.7	2406.7	2411.2	2395.5
17.5°	2422.5	2413.5	2422.5	2420.3	2418.0	2413.5	2391.0	2381.9	2379.7	2381.9	2370.7
20°	2391.0	2384.2	2391.0	2388.8	2388.8	2379.7	2357.2	2346.0	2346.0	2346.0	2334.7
22.5°	2341.5	2334.7	2341.5	2346.0	2346.0	2343.7	2323.4	2307.6	2303.1	2303.1	2289.7
25°	2285.1	2278.4	2285.1	2285.1	2282.9	2285.1	2278.4	2269.4	2262.7	2255.9	2242.4
27.5°	2231.1	2226.6	2231.1	2226.6	2231.1	2224.4	2222.1	2219.9	2210.9	2204.1	2186.1
30°	2177.1	2172.6	2177.1	2172.6	2168.1	2163.6	2152.3	2147.8	2156.8	2152.3	2123.1
32.5°	2109.6	2105.0	2109.6	2109.6	2105.0	2105.0	2087.1	2080.2	2082.5	2096.0	2069.0
35°	2039.8	2033.0	2039.8	2037.5	2039.8	2033.0	2021.7	2019.5	2010.5	2026.2	2005.9
37.5°	1958.7	1951.9	1958.7	1958.7	1958.7	1963.2	1954.2	1947.4	1934.0	1954.2	1938.5
40°	1875.4	1866.4	1875.4	1873.1	1875.4	1879.9	1875.4	1870.9	1857.4	1873.1	1859.7
42.5°	1780.9	1778.6	1780.9	1783.1	1783.1	1792.1	1798.8	1789.9	1785.4	1774.1	1783.1
45°	1679.5	1675.0	1679.5	1684.1	1686.3	1690.8	1711.1	1711.1	1704.3	1686.3	1699.8
47.5°	1571.4	1560.2	1571.4	1585.0	1585.0	1591.7	1612.0	1627.7	1616.5	1594.0	1600.7
50°	1456.7	1458.9	1456.7	1465.6	1465.6	1490.4	1506.2	1521.9	1533.2	1506.2	1474.6
52.5°	1344.1	1341.8	1344.1	1350.8	1359.9	1371.1	1398.1	1413.9	1431.9	1416.1	1366.6
55°	1231.5	1236.0	1231.5	1233.8	1238.3	1245.0	1285.6	1301.3	1335.1	1314.8	1263.0
57.5°	1118.9	1112.2	1118.9	1123.4	1125.7	1132.5	1166.2	1195.5	1215.7	1218.0	1155.0
60°	988.3	979.4	988.3	1008.6	1013.1	1017.6	1049.2	1076.2	1094.1	1101.0	1035.6
62.5°	873.6	857.8	873.6	887.0	896.0	907.3	929.8	970.3	986.1	988.3	896.0
65°	752.0	745.2	752.0	779.0	781.2	794.7	819.5	848.8	882.5	878.1	745.2
67.5°	641.6	641.6	641.6	659.6	673.2	679.9	711.4	725.0	767.7	772.3	621.4
70°	540.3	538.1	540.3	553.8	562.8	578.6	607.9	623.7	657.4	668.6	504.3
72.5°	443.6	441.3	443.6	454.8	463.7	477.3	502.1	520.1	549.4	562.8	391.7
75°	358.0	353.5	358.0	367.0	364.7	382.7	403.0	421.0	448.1	457.0	290.4
77.5°	274.7	274.7	274.7	283.7	283.7	301.7	310.7	333.2	349.0	362.4	213.9
80°	204.9	202.6	204.9	207.1	207.1	216.2	231.9	247.7	261.1	261.1	146.4
82.5°	144.1	139.6	144.1	144.1	144.1	148.6	157.6	162.1	171.1	177.9	92.3
85°	90.1	90.1	90.1	92.3	90.1	94.6	96.8	101.3	101.3	96.8	56.3
87.5°	58.5	56.3	58.5	56.3	56.3	54.0	54.0	54.0	51.8	49.5	31.5
90°	20.1	20.1	20.1	20.1	20.1	26.8	35.7	40.1	34.5	23.3	14.8
92.5°	80.4	64.4	80.4	96.4	100.4	142.3	198.2	226.1	198.5	143.4	102.0
95°	280.3	231.9	280.3	328.6	340.7	447.4	589.7	660.8	558.1	352.6	198.6
97.5°	671.5	579.4	671.5	763.6	786.6	854.0	943.8	988.8	817.6	475.1	218.2
100°	967.5	857.9	967.5	1077.1	1104.5	1099.6	1093.0	1089.7	899.7	519.6	234.6
102.5°	1258.7	1164.8	1258.7	1352.6	1376.1	1290.1	1175.5	1118.2	925.5	540.0	250.9
105°	1629.8	1579.4	1629.8	1680.3	1692.9	1500.3	1243.5	1115.1	928.4	555.2	275.2
107.5°	1873.0	1885.2	1873.0	1860.9	1857.8	1589.1	1230.8	1051.7	887.1	558.0	311.2
110°	1965.8	2018.4	1965.8	1913.2	1900.0	1599.6	1199.1	998.9	850.5	553.7	331.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1974.0	2054.8	1974.0	1893.3	1873.1	1565.7	1155.8	950.8	818.5	553.9	355.5
115°	1921.7	2033.6	1921.7	1809.7	1781.7	1485.5	1090.6	893.2	781.8	559.0	391.9
117.5°	1810.7	1934.9	1810.7	1686.4	1655.4	1388.2	1031.8	853.6	758.9	569.5	427.4
120°	1721.3	1841.9	1721.3	1600.6	1570.4	1326.2	1000.6	837.8	751.1	577.8	447.9
122.5°	1634.1	1753.2	1634.1	1515.1	1485.4	1265.5	972.2	825.6	747.0	590.0	472.3
125°	1509.9	1619.6	1509.9	1400.3	1372.8	1186.0	936.9	812.4	743.7	606.4	503.4
127.5°	1398.1	1490.7	1398.1	1305.6	1282.5	1122.1	908.2	801.3	741.8	622.8	533.5
130°	1332.3	1417.7	1332.3	1246.9	1225.5	1082.7	892.3	797.1	743.0	634.7	553.5
132.5°	1272.5	1349.1	1272.5	1196.0	1176.9	1049.1	878.6	793.4	743.7	644.5	570.0
135°	1190.7	1256.6	1190.7	1124.7	1108.2	1001.2	858.5	787.1	743.0	655.0	589.0
137.5°	1125.0	1179.0	1125.0	1071.0	1057.5	967.0	846.3	786.0	747.6	670.9	613.3
140°	1080.0	1130.4	1080.0	1029.5	1016.9	938.6	834.4	782.3	748.4	680.5	629.6
142.5°	1042.6	1086.0	1042.6	999.1	988.3	919.6	828.1	782.3	751.1	688.7	641.8
145°	986.6	1019.5	986.6	953.7	945.5	889.4	814.5	777.0	751.1	699.2	660.3
147.5°	943.6	970.9	943.6	916.4	909.6	865.4	806.5	777.0	756.2	714.7	683.6
150°	916.6	938.6	916.6	894.5	889.0	851.7	801.9	777.0	759.0	722.8	695.7
152.5°	893.4	910.1	893.4	876.8	872.6	840.8	798.2	777.0	760.7	728.0	703.6
155°	866.9	877.9	866.9	855.8	853.1	827.7	793.9	777.0	764.6	739.7	721.0
157.5°	845.9	853.6	845.9	838.1	836.2	816.5	790.1	777.0	768.4	751.3	738.4
160°	833.3	837.8	833.3	828.8	827.7	810.8	788.3	777.0	770.2	756.6	746.4
162.5°	825.1	829.3	825.1	820.8	819.8	805.6	786.6	777.0	772.1	762.3	754.9
165°	813.2	817.7	813.2	808.8	807.7	797.5	783.8	777.0	774.8	770.3	767.0
167.5°	804.7	806.6	804.7	802.8	802.4	795.7	786.7	782.3	780.4	776.7	773.9
170°	802.4	802.4	802.4	802.4	802.4	795.7	786.7	782.3	782.2	782.0	781.8
172.5°	796.1	794.5	796.1	797.7	798.2	792.9	785.8	782.3	782.3	782.3	782.3
175°	792.4	792.4	792.4	792.4	792.4	789.0	784.5	782.3	783.3	785.5	787.1
177.5°	789.0	787.1	789.0	790.8	791.3	788.6	785.1	783.3	784.2	785.8	787.1
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2413.5	2400.0	2400.0	2377.5	2368.5	2361.7	2350.4	2316.7	2307.6	2298.7	2312.2
5°	2433.7	2408.9	2391.0	2350.4	2316.7	2303.1	2260.4	2179.3	2125.3	2084.8	2062.3
7.5°	2438.3	2406.7	2373.0	2309.9	2228.8	2192.9	2062.3	1913.7	1873.1	1837.2	1814.6
10°	2433.7	2397.7	2350.4	2255.9	2064.5	2001.5	1870.9	1774.1	1749.3	1742.6	1749.3
12.5°	2418.0	2384.2	2318.9	2161.4	1893.4	1850.6	1774.1	1717.8	1713.3	1724.5	1785.4
15°	2391.0	2359.4	2282.9	2035.3	1798.8	1767.3	1713.3	1693.0	1717.8	1796.6	1978.9
17.5°	2364.0	2327.9	2233.3	1911.5	1726.8	1704.3	1666.0	1706.6	1846.1	1951.9	2012.8
20°	2327.9	2285.1	2177.1	1821.4	1675.0	1654.8	1636.8	1819.1	1924.9	1963.2	1997.0
22.5°	2285.1	2240.2	2100.5	1758.4	1621.0	1605.3	1616.5	1882.2	1924.9	1951.9	1981.2
25°	2228.8	2190.6	2010.5	1708.8	1578.2	1560.2	1603.0	1875.4	1900.1	1906.9	1965.5
27.5°	2177.1	2127.5	1915.9	1663.8	1526.4	1519.7	1614.3	1846.1	1864.2	1870.9	1934.0
30°	2114.1	2039.8	1810.1	1616.5	1472.4	1470.1	1616.5	1810.1	1805.6	1823.6	1886.7
32.5°	2048.8	1909.2	1690.8	1558.0	1420.6	1418.4	1600.7	1756.1	1751.5	1776.3	1823.6
35°	1988.0	1807.9	1528.7	1490.4	1355.4	1357.6	1562.5	1693.0	1695.3	1717.8	1747.1
37.5°	1924.9	1720.0	1350.8	1416.1	1292.3	1292.3	1510.7	1634.5	1630.0	1636.8	1677.2
40°	1850.6	1582.8	1193.2	1319.3	1233.8	1227.0	1447.6	1571.4	1555.7	1553.5	1609.8
42.5°	1771.8	1431.9	1076.2	1191.0	1166.2	1157.2	1371.1	1494.9	1465.6	1472.4	1544.4
45°	1686.3	1391.3	986.1	1006.4	1096.4	1089.7	1287.8	1407.1	1386.9	1404.9	1479.2
47.5°	1600.7	1310.3	956.9	835.3	1022.1	1019.8	1195.5	1321.5	1310.3	1328.4	1407.1
50°	1483.7	1220.2	954.6	715.9	938.8	947.8	1085.2	1238.3	1238.3	1254.1	1337.3
52.5°	1332.8	1109.9	866.8	648.4	842.0	869.0	988.3	1166.2	1170.7	1186.5	1260.8
55°	1195.5	995.1	803.8	596.7	727.2	785.7	893.8	1091.9	1101.0	1116.7	1184.2
57.5°	1069.4	828.5	790.2	535.8	621.4	677.7	810.5	1019.8	1024.4	1037.9	1103.2
60°	934.3	598.9	725.0	470.6	529.1	571.9	733.9	934.3	950.1	959.1	1015.4
62.5°	781.2	434.5	657.4	425.5	484.0	493.1	670.9	853.3	873.6	880.3	914.0
65°	556.1	364.7	558.3	387.2	436.7	439.0	603.4	770.0	788.0	799.3	824.0
67.5°	376.0	297.2	425.5	351.2	400.8	403.0	538.1	673.2	698.0	706.9	722.7
70°	261.1	198.1	315.2	312.9	360.2	364.7	468.3	585.3	607.9	614.6	623.7
72.5°	191.4	159.8	261.1	281.4	317.5	322.0	396.3	486.3	508.8	515.5	520.1
75°	146.4	168.9	211.6	245.4	270.2	272.4	324.2	396.3	412.0	416.5	418.8
77.5°	117.1	157.6	155.3	198.1	220.7	216.2	254.4	306.2	319.7	319.7	319.7
80°	87.8	123.8	117.1	141.9	162.1	157.6	182.3	218.4	222.9	227.4	225.1
82.5°	65.3	78.8	78.8	90.1	108.0	103.6	121.6	141.9	141.9	141.9	146.4
85°	40.6	45.0	36.0	47.3	60.7	58.5	67.6	76.5	78.8	78.8	74.3
87.5°	24.8	20.3	11.2	18.0	27.0	27.0	31.5	33.7	31.5	31.5	31.5
90°	13.8	9.5	5.3	9.5	13.8	14.8	23.3	34.5	40.1	35.7	26.8
92.5°	93.0	57.1	21.1	57.1	93.0	102.0	143.4	198.5	226.1	198.2	142.3
95°	182.2	116.5	50.7	116.5	182.2	198.6	352.6	558.1	660.8	589.7	447.4
97.5°	203.7	145.7	87.7	145.7	203.7	218.2	475.1	817.6	988.8	943.8	854.0
100°	221.4	168.8	116.2	168.8	221.4	234.6	519.6	899.7	1089.7	1093.0	1099.6
102.5°	238.6	189.6	140.5	189.6	238.6	250.9	540.0	925.5	1118.2	1175.5	1290.1
105°	264.8	223.3	181.7	223.3	264.8	275.2	555.2	928.4	1115.1	1243.5	1500.3
107.5°	301.4	262.8	224.0	262.8	301.4	311.2	558.0	887.1	1051.7	1230.8	1589.1
110°	322.4	287.5	252.5	287.5	322.4	331.2	553.7	850.5	998.9	1199.1	1599.6



TEST NUMBER: P934872

CATALOG NUMBER: SQ4-FA-075U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	347.1	313.8	280.5	313.8	347.1	355.5	553.9	818.5	950.8	1155.8	1565.7
115°	384.3	353.5	322.7	353.5	384.3	391.9	559.0	781.8	893.2	1090.6	1485.5
117.5°	420.4	392.4	364.5	392.4	420.4	427.4	569.5	758.9	853.6	1031.8	1388.2
120°	441.3	415.0	388.8	415.0	441.3	447.9	577.8	751.1	837.8	1000.6	1326.2
122.5°	465.6	439.1	412.5	439.1	465.6	472.3	590.0	747.0	825.6	972.2	1265.5
125°	497.3	473.2	449.0	473.2	497.3	503.4	606.4	743.7	812.4	936.9	1186.0
127.5°	527.4	503.0	478.6	503.0	527.4	533.5	622.8	741.8	801.3	908.2	1122.1
130°	547.0	520.7	494.4	520.7	547.0	553.5	634.7	743.0	797.1	892.3	1082.7
132.5°	563.4	537.1	510.8	537.1	563.4	570.0	644.5	743.7	793.4	878.6	1049.1
135°	583.0	559.0	535.1	559.0	583.0	589.0	655.0	743.0	787.1	858.5	1001.2
137.5°	607.3	583.6	559.9	583.6	607.3	613.3	670.9	747.6	786.0	846.3	967.0
140°	624.2	602.4	580.6	602.4	624.2	629.6	680.5	748.4	782.3	834.4	938.6
142.5°	636.8	616.6	596.4	616.6	636.8	641.8	688.7	751.1	782.3	828.1	919.6
145°	655.9	638.3	620.7	638.3	655.9	660.3	699.2	751.1	777.0	814.5	889.4
147.5°	679.3	662.1	645.0	662.1	679.3	683.6	714.7	756.2	777.0	806.5	865.4
150°	691.8	676.3	660.8	676.3	691.8	695.7	722.8	759.0	777.0	801.9	851.7
152.5°	700.7	688.9	677.2	688.9	700.7	703.6	728.0	760.7	777.0	798.2	840.8
155°	718.8	710.1	701.5	710.1	718.8	721.0	739.7	764.6	777.0	793.9	827.7
157.5°	736.3	727.9	719.4	727.9	736.3	738.4	751.3	768.4	777.0	790.1	816.5
160°	744.7	738.2	731.6	738.2	744.7	746.4	756.6	770.2	777.0	788.3	810.8
162.5°	753.6	748.7	743.7	748.7	753.6	754.9	762.3	772.1	777.0	786.6	805.6
165°	765.9	761.3	756.9	761.3	765.9	767.0	770.3	774.8	777.0	783.8	797.5
167.5°	773.4	771.2	769.1	771.2	773.4	773.9	776.7	780.4	782.3	786.7	795.7
170°	781.3	779.2	777.0	779.2	781.3	781.8	782.0	782.2	782.3	786.7	795.7
172.5°	782.2	781.7	781.3	781.7	782.2	782.3	782.3	782.3	782.3	785.8	792.9
175°	787.1	787.1	787.1	787.1	787.1	787.1	785.5	783.3	782.3	784.5	789.0
177.5°	787.1	787.1	787.1	787.1	787.1	787.1	785.8	784.2	783.3	785.1	788.6
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



TEST NUMBER: P934872
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2296.4	2289.7	2298.7	2273.9	2298.7	2289.7	2296.4	2312.2	2298.7	2307.6	2316.7
5°	2015.0	2003.7	1967.7	1938.5	1967.7	2003.7	2015.0	2062.3	2084.8	2125.3	2179.3
7.5°	1801.1	1792.1	1783.1	1765.1	1783.1	1792.1	1801.1	1814.6	1837.2	1873.1	1913.7
10°	1753.8	1756.1	1769.6	1767.3	1769.6	1756.1	1753.8	1749.3	1742.6	1749.3	1774.1
12.5°	1875.4	1895.7	1970.0	1965.5	1970.0	1895.7	1875.4	1785.4	1724.5	1713.3	1717.8
15°	2015.0	2021.7	2037.5	2039.8	2037.5	2021.7	2015.0	1978.9	1796.6	1717.8	1693.0
17.5°	2028.5	2030.7	2042.0	2042.0	2042.0	2030.7	2028.5	2012.8	1951.9	1846.1	1706.6
20°	2017.3	2021.7	2044.3	2048.8	2044.3	2021.7	2017.3	1997.0	1963.2	1924.9	1819.1
22.5°	2012.8	2021.7	2039.8	2037.5	2039.8	2021.7	2012.8	1981.2	1951.9	1924.9	1882.2
25°	1990.2	1990.2	1992.5	1994.7	1992.5	1990.2	1990.2	1965.5	1906.9	1900.1	1875.4
27.5°	1943.0	1947.4	1961.0	1958.7	1961.0	1947.4	1943.0	1934.0	1870.9	1864.2	1846.1
30°	1900.1	1895.7	1884.4	1875.4	1884.4	1895.7	1900.1	1886.7	1823.6	1805.6	1810.1
32.5°	1828.1	1816.9	1805.6	1798.8	1805.6	1816.9	1828.1	1823.6	1776.3	1751.5	1756.1
35°	1742.6	1744.8	1742.6	1735.8	1742.6	1744.8	1742.6	1747.1	1717.8	1695.3	1693.0
37.5°	1681.8	1686.3	1684.1	1675.0	1684.1	1686.3	1681.8	1677.2	1636.8	1630.0	1634.5
40°	1618.7	1621.0	1618.7	1612.0	1618.7	1621.0	1618.7	1609.8	1553.5	1555.7	1571.4
42.5°	1558.0	1555.7	1548.9	1544.4	1548.9	1555.7	1558.0	1544.4	1472.4	1465.6	1494.9
45°	1488.2	1490.4	1476.9	1470.1	1476.9	1490.4	1488.2	1479.2	1404.9	1386.9	1407.1
47.5°	1418.4	1418.4	1407.1	1400.3	1407.1	1418.4	1418.4	1407.1	1328.4	1310.3	1321.5
50°	1344.1	1341.8	1326.1	1323.8	1326.1	1341.8	1344.1	1337.3	1254.1	1238.3	1238.3
52.5°	1258.5	1258.5	1260.8	1265.3	1260.8	1258.5	1258.5	1260.8	1186.5	1170.7	1166.2
55°	1184.2	1186.5	1202.3	1206.8	1202.3	1186.5	1184.2	1184.2	1116.7	1101.0	1091.9
57.5°	1107.7	1107.7	1118.9	1118.9	1118.9	1107.7	1107.7	1103.2	1037.9	1024.4	1019.8
60°	1019.8	1024.4	1033.4	1031.2	1033.4	1024.4	1019.8	1015.4	959.1	950.1	934.3
62.5°	927.6	932.1	934.3	929.8	934.3	932.1	927.6	914.0	880.3	873.6	853.3
65°	830.8	835.3	837.5	833.0	837.5	835.3	830.8	824.0	799.3	788.0	770.0
67.5°	731.7	729.5	727.2	736.2	727.2	729.5	731.7	722.7	706.9	698.0	673.2
70°	630.4	630.4	628.1	632.6	628.1	630.4	630.4	623.7	614.6	607.9	585.3
72.5°	522.4	520.1	529.1	522.4	529.1	520.1	522.4	520.1	515.5	508.8	486.3
75°	416.5	421.0	416.5	423.3	416.5	421.0	416.5	418.8	416.5	412.0	396.3
77.5°	317.5	322.0	317.5	317.5	317.5	322.0	317.5	319.7	319.7	319.7	306.2
80°	225.1	222.9	222.9	220.7	222.9	222.9	225.1	225.1	227.4	222.9	218.4
82.5°	144.1	141.9	141.9	146.4	141.9	141.9	144.1	146.4	141.9	141.9	141.9
85°	78.8	81.0	76.5	76.5	76.5	81.0	78.8	74.3	78.8	78.8	76.5
87.5°	29.3	27.0	27.0	27.0	27.0	27.0	29.3	31.5	31.5	31.5	33.7
90°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	26.8	35.7	40.1	34.5
92.5°	100.4	96.4	80.4	64.4	80.4	96.4	100.4	142.3	198.2	226.1	198.5
95°	340.7	328.6	280.3	231.9	280.3	328.6	340.7	447.4	589.7	660.8	558.1
97.5°	786.6	763.6	671.5	579.4	671.5	763.6	786.6	854.0	943.8	988.8	817.6
100°	1104.5	1077.1	967.5	857.9	967.5	1077.1	1104.5	1099.6	1093.0	1089.7	899.7
102.5°	1376.1	1352.6	1258.7	1164.8	1258.7	1352.6	1376.1	1290.1	1175.5	1118.2	925.5
105°	1692.9	1680.3	1629.8	1579.4	1629.8	1680.3	1692.9	1500.3	1243.5	1115.1	928.4
107.5°	1857.8	1860.9	1873.0	1885.2	1873.0	1860.9	1857.8	1589.1	1230.8	1051.7	887.1
110°	1900.0	1913.2	1965.8	2018.4	1965.8	1913.2	1900.0	1599.6	1199.1	998.9	850.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1873.1	1893.3	1974.0	2054.8	1974.0	1893.3	1873.1	1565.7	1155.8	950.8	818.5
115°	1781.7	1809.7	1921.7	2033.6	1921.7	1809.7	1781.7	1485.5	1090.6	893.2	781.8
117.5°	1655.4	1686.4	1810.7	1934.9	1810.7	1686.4	1655.4	1388.2	1031.8	853.6	758.9
120°	1570.4	1600.6	1721.3	1841.9	1721.3	1600.6	1570.4	1326.2	1000.6	837.8	751.1
122.5°	1485.4	1515.1	1634.1	1753.2	1634.1	1515.1	1485.4	1265.5	972.2	825.6	747.0
125°	1372.8	1400.3	1509.9	1619.6	1509.9	1400.3	1372.8	1186.0	936.9	812.4	743.7
127.5°	1282.5	1305.6	1398.1	1490.7	1398.1	1305.6	1282.5	1122.1	908.2	801.3	741.8
130°	1225.5	1246.9	1332.3	1417.7	1332.3	1246.9	1225.5	1082.7	892.3	797.1	743.0
132.5°	1176.9	1196.0	1272.5	1349.1	1272.5	1196.0	1176.9	1049.1	878.6	793.4	743.7
135°	1108.2	1124.7	1190.7	1256.6	1190.7	1124.7	1108.2	1001.2	858.5	787.1	743.0
137.5°	1057.5	1071.0	1125.0	1179.0	1125.0	1071.0	1057.5	967.0	846.3	786.0	747.6
140°	1016.9	1029.5	1080.0	1130.4	1080.0	1029.5	1016.9	938.6	834.4	782.3	748.4
142.5°	988.3	999.1	1042.6	1086.0	1042.6	999.1	988.3	919.6	828.1	782.3	751.1
145°	945.5	953.7	986.6	1019.5	986.6	953.7	945.5	889.4	814.5	777.0	751.1
147.5°	909.6	916.4	943.6	970.9	943.6	916.4	909.6	865.4	806.5	777.0	756.2
150°	889.0	894.5	916.6	938.6	916.6	894.5	889.0	851.7	801.9	777.0	759.0
152.5°	872.6	876.8	893.4	910.1	893.4	876.8	872.6	840.8	798.2	777.0	760.7
155°	853.1	855.8	866.9	877.9	866.9	855.8	853.1	827.7	793.9	777.0	764.6
157.5°	836.2	838.1	845.9	853.6	845.9	838.1	836.2	816.5	790.1	777.0	768.4
160°	827.7	828.8	833.3	837.8	833.3	828.8	827.7	810.8	788.3	777.0	770.2
162.5°	819.8	820.8	825.1	829.3	825.1	820.8	819.8	805.6	786.6	777.0	772.1
165°	807.7	808.8	813.2	817.7	813.2	808.8	807.7	797.5	783.8	777.0	774.8
167.5°	802.4	802.8	804.7	806.6	804.7	802.8	802.4	795.7	786.7	782.3	780.4
170°	802.4	802.4	802.4	802.4	802.4	802.4	802.4	795.7	786.7	782.3	782.2
172.5°	798.2	797.7	796.1	794.5	796.1	797.7	798.2	792.9	785.8	782.3	782.3
175°	792.4	792.4	792.4	792.4	792.4	792.4	792.4	789.0	784.5	782.3	783.3
177.5°	791.3	790.8	789.0	787.1	789.0	790.8	791.3	788.6	785.1	783.3	784.2
180°	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1	787.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2379.7	2379.7	2379.7	2379.7	2379.7
2.5°	2350.4	2361.7	2368.5	2377.5	2400.0
5°	2260.4	2303.1	2316.7	2350.4	2391.0
7.5°	2062.3	2192.9	2228.8	2309.9	2373.0
10°	1870.9	2001.5	2064.5	2255.9	2350.4
12.5°	1774.1	1850.6	1893.4	2161.4	2318.9
15°	1713.3	1767.3	1798.8	2035.3	2282.9
17.5°	1666.0	1704.3	1726.8	1911.5	2233.3
20°	1636.8	1654.8	1675.0	1821.4	2177.1
22.5°	1616.5	1605.3	1621.0	1758.4	2100.5
25°	1603.0	1560.2	1578.2	1708.8	2010.5
27.5°	1614.3	1519.7	1526.4	1663.8	1915.9
30°	1616.5	1470.1	1472.4	1616.5	1810.1
32.5°	1600.7	1418.4	1420.6	1558.0	1690.8
35°	1562.5	1357.6	1355.4	1490.4	1528.7
37.5°	1510.7	1292.3	1292.3	1416.1	1350.8
40°	1447.6	1227.0	1233.8	1319.3	1193.2
42.5°	1371.1	1157.2	1166.2	1191.0	1076.2
45°	1287.8	1089.7	1096.4	1006.4	986.1
47.5°	1195.5	1019.8	1022.1	835.3	956.9
50°	1085.2	947.8	938.8	715.9	954.6
52.5°	988.3	869.0	842.0	648.4	866.8
55°	893.8	785.7	727.2	596.7	803.8
57.5°	810.5	677.7	621.4	535.8	790.2
60°	733.9	571.9	529.1	470.6	725.0
62.5°	670.9	493.1	484.0	425.5	657.4
65°	603.4	439.0	436.7	387.2	558.3
67.5°	538.1	403.0	400.8	351.2	425.5
70°	468.3	364.7	360.2	312.9	315.2
72.5°	396.3	322.0	317.5	281.4	261.1
75°	324.2	272.4	270.2	245.4	211.6
77.5°	254.4	216.2	220.7	198.1	155.3
80°	182.3	157.6	162.1	141.9	117.1
82.5°	121.6	103.6	108.0	90.1	78.8
85°	67.6	58.5	60.7	47.3	36.0
87.5°	31.5	27.0	27.0	18.0	11.2
90°	23.3	14.8	13.8	9.5	5.3
92.5°	143.4	102.0	93.0	57.1	21.1
95°	352.6	198.6	182.2	116.5	50.7
97.5°	475.1	218.2	203.7	145.7	87.7
100°	519.6	234.6	221.4	168.8	116.2
102.5°	540.0	250.9	238.6	189.6	140.5
105°	555.2	275.2	264.8	223.3	181.7
107.5°	558.0	311.2	301.4	262.8	224.0
110°	553.7	331.2	322.4	287.5	252.5



TEST NUMBER: P934872

CATALOG NUMBER: SQ4-FA-075U-100D-935-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	553.9	355.5	347.1	313.8	280.5
115°	559.0	391.9	384.3	353.5	322.7
117.5°	569.5	427.4	420.4	392.4	364.5
120°	577.8	447.9	441.3	415.0	388.8
122.5°	590.0	472.3	465.6	439.1	412.5
125°	606.4	503.4	497.3	473.2	449.0
127.5°	622.8	533.5	527.4	503.0	478.6
130°	634.7	553.5	547.0	520.7	494.4
132.5°	644.5	570.0	563.4	537.1	510.8
135°	655.0	589.0	583.0	559.0	535.1
137.5°	670.9	613.3	607.3	583.6	559.9
140°	680.5	629.6	624.2	602.4	580.6
142.5°	688.7	641.8	636.8	616.6	596.4
145°	699.2	660.3	655.9	638.3	620.7
147.5°	714.7	683.6	679.3	662.1	645.0
150°	722.8	695.7	691.8	676.3	660.8
152.5°	728.0	703.6	700.7	688.9	677.2
155°	739.7	721.0	718.8	710.1	701.5
157.5°	751.3	738.4	736.3	727.9	719.4
160°	756.6	746.4	744.7	738.2	731.6
162.5°	762.3	754.9	753.6	748.7	743.7
165°	770.3	767.0	765.9	761.3	756.9
167.5°	776.7	773.9	773.4	771.2	769.1
170°	782.0	781.8	781.3	779.2	777.0
172.5°	782.3	782.3	782.2	781.7	781.3
175°	785.5	787.1	787.1	787.1	787.1
177.5°	785.8	787.1	787.1	787.1	787.1
180°	787.1	787.1	787.1	787.1	787.1



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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	13.58	14.49	14.49	15.42	16.62	16.42	17.32	17.33	18.26	19.46
	3H	14.06	14.87	14.99	15.81	17.04	17.77	18.58	18.70	19.52	20.75
	4H	14.25	15.02	15.19	15.97	17.20	18.22	18.98	19.16	19.93	21.17
	6H	14.37	15.08	15.33	16.04	17.28	18.51	19.21	19.46	20.17	21.41
	8H	14.38	15.05	15.34	16.02	17.27	18.58	19.26	19.54	20.23	21.47
	12H	14.35	14.99	15.31	15.95	17.23	18.62	19.26	19.59	20.23	21.50
4H	2H	14.62	15.39	15.57	16.33	17.57	16.83	17.60	17.78	18.55	19.78
	3H	15.65	16.29	16.61	17.27	18.52	18.34	18.98	19.30	19.96	21.21
	4H	15.93	16.51	16.90	17.48	18.76	18.88	19.46	19.84	20.43	21.71
	6H	16.06	16.56	17.04	17.56	18.83	19.25	19.75	20.22	20.74	22.02
	8H	16.06	16.53	17.04	17.52	18.81	19.35	19.82	20.34	20.81	22.10
	12H	16.03	16.46	17.03	17.46	18.75	19.41	19.84	20.41	20.84	22.14
8H	4H	16.39	16.86	17.37	17.85	19.13	19.00	19.47	19.98	20.46	21.75
	6H	16.65	17.04	17.66	18.07	19.36	19.44	19.83	20.45	20.86	22.15
	8H	16.69	17.04	17.71	18.05	19.36	19.60	19.94	20.61	20.96	22.26
	12H	16.68	16.98	17.70	17.99	19.34	19.70	20.00	20.72	21.01	22.36
12H	4H	16.40	16.82	17.40	17.83	19.12	18.97	19.39	19.97	20.40	21.69
	6H	16.71	17.06	17.73	18.07	19.38	19.44	19.78	20.46	20.80	22.11
	8H	16.78	17.08	17.80	18.09	19.44	19.61	19.91	20.62	20.92	22.27