

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: P934812

Luminaire Tested: SQ4-FA-075U-100D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934812
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-830-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

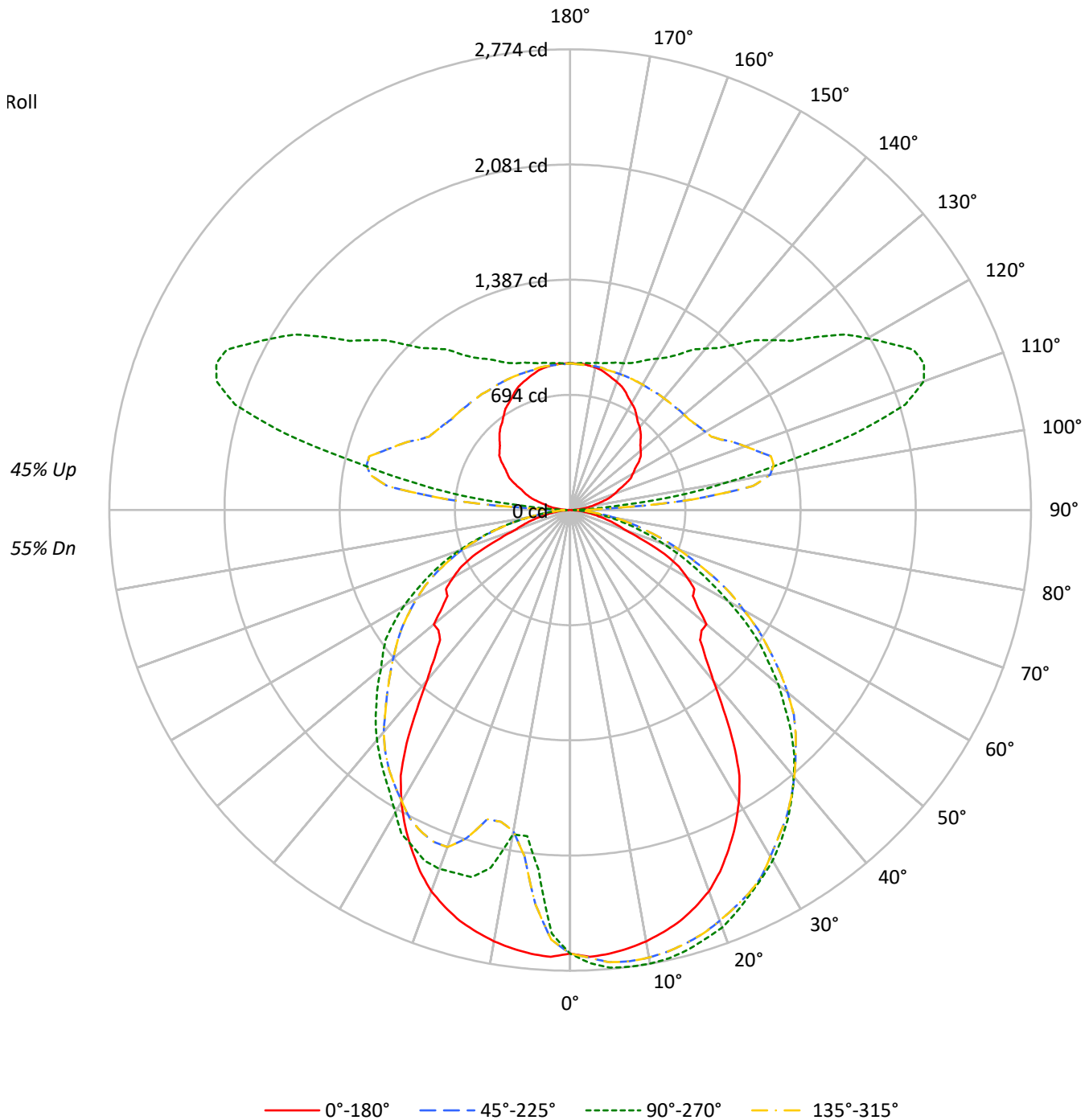
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12651.7 lumens
Efficiency: N/A
Efficacy: 123.6 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	50	30	10	0
RCR																					
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12389	12389	12389	12389
5°	12481	12506	12481	9834
10°	12398	12318	12398	8807
15°	12263	12052	12263	10064
20°	12007	11736	12007	10085
25°	11482	11274	11482	9871
30°	10803	10892	10803	9402
35°	9631	10408	9631	8886
40°	8025	9837	8025	8497
45°	7171	9170	7171	8048
50°	7618	8374	7618	7599
55°	7167	7517	7167	7339
60°	7389	6384	7389	6722
65°	6698	5277	6698	5899
70°	4637	4206	4637	4944
75°	4068	3109	4068	3723
80°	3278	2055	3278	2238
85°	1882	1088	1882	924

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10990 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.0	1.9
10°-20°	684.4	5.4
20°-30°	1057.9	8.4
30°-40°	1262.9	10.0
40°-50°	1270.3	10.0
50°-60°	1105.3	8.7
60°-70°	783.7	6.2
70°-80°	414.6	3.3
80°-90°	106.6	0.8
90°-100°	430.5	3.4
100°-110°	1131.8	8.9
110°-120°	1173.5	9.3
120°-130°	941.3	7.4
130°-140°	738.6	5.8
140°-150°	566.9	4.5
150°-160°	408.3	3.2
160°-170°	249.8	2.0
170°-180°	84.4	0.7
0°-30°	1983.3	15.7
0°-40°	3246.2	25.7
0°-60°	5621.8	44.4
0°-90°	6926.7	54.7
90°-120°	2735.8	21.6
90°-150°	4982.6	39.4
90°-180°	5725.0	45.3
0°-180°	12651.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2670	2670	2670	2670	2670	
5°	2683	2766	2683	2175	2683	255
15°	2562	2741	2562	2289	2562	721
25°	2256	2556	2256	2238	2256	1036
35°	1715	2281	1715	1948	1715	1061
45°	1106	1880	1106	1650	1106	886
55°	902	1387	902	1354	902	829
65°	626	836	626	935	626	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	6	23	6	23	6	7
95°	57	260	57	260	57	63
105°	204	1772	204	1772	204	216
115°	362	2282	362	2282	362	358
125°	504	1817	504	1817	504	447
135°	600	1410	600	1410	600	465
145°	696	1144	696	1144	696	436
155°	787	985	787	985	787	362
165°	849	918	849	918	849	240
175°	883	889	883	889	883	84
180°	883	883	883	883	883	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2693.0	2693.0	2708.1	2713.1	2713.1	2705.6	2698.0	2705.6	2728.3	2735.9	2733.4
5°	2682.8	2703.0	2730.8	2735.9	2740.9	2738.4	2733.4	2738.4	2763.7	2768.8	2771.3
7.5°	2662.7	2700.5	2735.9	2743.4	2751.1	2743.4	2740.9	2746.0	2771.3	2776.3	2776.3
10°	2637.3	2690.4	2730.8	2735.9	2743.4	2735.9	2735.9	2746.0	2771.3	2776.3	2778.8
12.5°	2601.9	2675.3	2713.1	2718.2	2728.3	2725.7	2723.3	2733.4	2758.6	2763.7	2763.7
15°	2561.6	2647.5	2682.8	2687.9	2705.6	2700.5	2700.5	2710.6	2738.4	2746.0	2743.4
17.5°	2506.0	2612.1	2652.5	2660.1	2672.7	2670.2	2672.7	2682.8	2708.1	2713.1	2715.7
20°	2442.9	2564.1	2612.1	2619.6	2632.3	2632.3	2632.3	2645.0	2670.2	2680.3	2680.3
22.5°	2356.9	2513.6	2564.1	2569.2	2584.3	2584.3	2589.3	2607.0	2629.8	2632.3	2632.3
25°	2255.9	2458.0	2500.9	2516.1	2531.3	2538.8	2546.4	2556.5	2564.1	2561.6	2564.1
27.5°	2149.8	2387.2	2442.9	2452.9	2473.2	2480.7	2490.9	2493.3	2495.9	2503.5	2498.4
30°	2031.0	2288.8	2372.1	2382.3	2415.0	2420.1	2410.0	2415.0	2427.7	2432.7	2437.8
32.5°	1897.2	2142.2	2298.9	2321.6	2351.9	2336.8	2334.2	2341.8	2362.0	2362.0	2367.1
35°	1715.3	2028.5	2230.6	2250.8	2273.6	2255.9	2266.0	2268.5	2281.2	2288.8	2286.2
37.5°	1515.7	1930.0	2159.9	2175.1	2192.8	2170.0	2185.1	2192.8	2202.8	2197.8	2197.8
40°	1338.9	1776.0	2076.5	2086.7	2101.8	2084.1	2099.3	2104.3	2109.4	2104.3	2101.8
42.5°	1207.5	1606.7	1988.1	2000.7	1990.7	2003.3	2008.4	2018.4	2010.9	2000.7	2000.7
45°	1106.5	1561.1	1892.1	1907.3	1892.1	1912.4	1919.9	1919.9	1897.2	1892.1	1889.6
47.5°	1073.7	1470.2	1796.1	1796.1	1788.6	1813.8	1826.4	1808.8	1786.0	1778.4	1778.4
50°	1071.1	1369.2	1664.8	1654.6	1690.0	1720.3	1707.7	1690.0	1672.3	1644.5	1644.5
52.5°	972.6	1245.4	1495.5	1533.4	1589.0	1606.7	1586.5	1568.8	1538.5	1525.9	1515.7
55°	901.9	1116.6	1341.5	1417.2	1475.3	1498.1	1460.1	1442.5	1397.0	1389.5	1384.4
57.5°	886.7	929.6	1200.0	1296.0	1366.7	1364.1	1341.5	1308.6	1270.7	1263.1	1260.6
60°	813.5	672.0	1048.3	1162.0	1235.3	1227.7	1207.5	1177.2	1141.8	1136.8	1131.7
62.5°	737.6	487.6	876.6	1005.4	1109.0	1106.5	1088.8	1043.3	1018.0	1005.4	995.3
65°	626.5	409.3	624.0	836.2	985.3	990.2	952.4	919.6	891.8	876.6	874.1
67.5°	477.4	333.5	421.9	697.2	866.5	861.5	813.5	798.3	762.9	755.3	740.1
70°	353.6	222.3	293.0	565.9	750.3	737.6	699.8	682.1	649.2	631.5	621.4
72.5°	293.0	179.3	214.7	439.6	631.5	616.4	583.5	563.4	535.6	520.4	510.3
75°	237.5	189.5	164.2	325.9	512.8	502.8	472.4	452.2	429.4	409.3	411.7
77.5°	174.3	176.9	131.4	240.0	406.7	391.6	373.9	348.7	338.5	318.3	318.3
80°	131.4	138.9	98.6	164.2	293.0	293.0	277.9	260.2	242.5	232.4	232.4
82.5°	88.4	88.4	73.2	103.5	199.6	192.0	181.9	176.9	166.7	161.7	161.7
85°	40.4	50.5	45.5	63.2	108.6	113.7	113.7	108.6	106.1	101.0	103.5
87.5°	12.6	22.8	27.8	35.4	55.5	58.1	60.6	60.6	60.6	63.2	63.2
90°	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.1	30.0	22.6	22.6
92.5°	23.7	64.1	104.4	114.4	160.9	222.7	253.7	222.4	159.7	112.6	108.1
95°	56.9	130.7	204.4	222.8	395.7	626.2	741.5	661.6	502.0	382.3	368.7
97.5°	98.4	163.5	228.6	244.8	533.1	917.4	1109.5	1059.1	958.2	882.6	856.8
100°	130.4	189.4	248.5	263.2	583.1	1009.5	1222.7	1226.5	1233.8	1239.4	1208.6
102.5°	157.6	212.7	267.8	281.5	605.9	1038.5	1254.8	1319.0	1447.6	1544.0	1517.6
105°	203.9	250.6	297.1	308.8	622.9	1041.8	1251.2	1395.3	1683.4	1899.6	1885.4
107.5°	251.3	294.8	338.2	349.1	626.1	995.4	1180.1	1381.0	1783.0	2084.6	2088.0
110°	283.4	322.6	361.8	371.6	621.3	954.3	1120.8	1345.5	1794.9	2132.0	2146.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	314.7	352.1	389.5	398.8	621.5	918.4	1066.9	1296.9	1756.8	2101.8	2124.4
115°	362.1	396.6	431.2	439.8	627.2	877.2	1002.3	1223.8	1666.9	1999.2	2030.6
117.5°	409.0	440.3	471.7	479.5	639.0	851.5	957.8	1157.7	1557.6	1857.5	1892.3
120°	436.2	465.7	495.2	502.6	648.4	842.8	940.0	1122.7	1488.1	1762.1	1795.9
122.5°	462.9	492.7	522.5	529.9	662.0	838.2	926.4	1090.9	1419.9	1666.7	1700.1
125°	503.8	531.0	558.0	564.8	680.4	834.5	911.5	1051.3	1330.8	1540.4	1571.2
127.5°	537.0	564.4	591.8	598.6	698.8	832.4	899.1	1019.1	1259.1	1439.1	1465.0
130°	554.8	584.2	613.8	621.1	712.2	833.7	894.4	1001.2	1214.9	1375.1	1399.1
132.5°	573.1	602.7	632.2	639.6	723.1	834.5	890.2	985.8	1177.1	1320.5	1342.0
135°	600.4	627.2	654.2	660.9	735.0	833.7	883.2	963.3	1123.4	1243.5	1262.0
137.5°	628.3	654.9	681.4	688.1	752.8	838.9	881.9	949.6	1085.1	1186.6	1201.7
140°	651.4	675.9	700.4	706.5	763.6	839.8	877.8	936.3	1053.2	1141.0	1155.1
142.5°	669.2	691.9	714.5	720.2	772.7	842.8	877.8	929.1	1031.9	1109.0	1121.1
145°	696.4	716.2	735.9	740.9	784.6	842.8	871.9	913.9	998.0	1061.0	1070.1
147.5°	723.7	742.9	762.2	767.0	802.0	848.5	871.9	904.9	971.0	1020.6	1028.3
150°	741.5	758.9	776.3	780.6	811.0	851.6	871.9	899.8	955.6	997.5	1003.7
152.5°	759.8	773.0	786.2	789.5	816.9	853.5	871.9	895.7	943.4	979.1	983.8
155°	787.1	796.8	806.6	809.1	830.0	857.9	871.9	890.8	928.8	957.2	960.3
157.5°	807.2	816.7	826.2	828.6	843.0	862.2	871.9	886.6	916.1	938.2	940.4
160°	820.9	828.3	835.6	837.5	848.9	864.2	871.9	884.5	909.8	928.8	930.0
162.5°	834.5	840.0	845.6	847.0	855.3	866.3	871.9	882.6	903.9	919.9	921.0
165°	849.3	854.3	859.3	860.6	864.3	869.4	871.9	879.5	894.8	906.3	907.5
167.5°	863.0	865.4	867.8	868.3	871.5	875.7	877.8	882.8	892.8	900.4	900.8
170°	871.9	874.3	876.7	877.2	877.4	877.7	877.8	882.8	892.8	900.4	900.4
172.5°	876.7	877.1	877.7	877.8	877.8	877.8	877.8	881.7	889.7	895.6	895.1
175°	883.2	883.2	883.2	883.2	881.3	878.9	877.8	880.3	885.4	889.1	889.1
177.5°	883.2	883.2	883.2	883.2	881.7	879.9	878.9	881.0	884.9	887.8	887.4
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2738.4	2730.8	2738.4	2733.4	2735.9	2728.3	2705.6	2698.0	2705.6	2713.1	2713.1
5°	2771.3	2766.2	2771.3	2771.3	2768.8	2763.7	2738.4	2733.4	2738.4	2740.9	2735.9
7.5°	2781.4	2773.7	2781.4	2776.3	2776.3	2771.3	2746.0	2740.9	2743.4	2751.1	2743.4
10°	2781.4	2773.7	2781.4	2778.8	2776.3	2771.3	2746.0	2735.9	2735.9	2743.4	2735.9
12.5°	2768.8	2763.7	2768.8	2763.7	2763.7	2758.6	2733.4	2723.3	2725.7	2728.3	2718.2
15°	2748.5	2740.9	2748.5	2743.4	2746.0	2738.4	2710.6	2700.5	2700.5	2705.6	2687.9
17.5°	2718.2	2708.1	2718.2	2715.7	2713.1	2708.1	2682.8	2672.7	2670.2	2672.7	2660.1
20°	2682.8	2675.3	2682.8	2680.3	2680.3	2670.2	2645.0	2632.3	2632.3	2632.3	2619.6
22.5°	2627.3	2619.6	2627.3	2632.3	2632.3	2629.8	2607.0	2589.3	2584.3	2584.3	2569.2
25°	2564.1	2556.5	2564.1	2564.1	2561.6	2564.1	2556.5	2546.4	2538.8	2531.3	2516.1
27.5°	2503.5	2498.4	2503.5	2498.4	2503.5	2495.9	2493.3	2490.9	2480.7	2473.2	2452.9
30°	2442.9	2437.8	2442.9	2437.8	2432.7	2427.7	2415.0	2410.0	2420.1	2415.0	2382.3
32.5°	2367.1	2362.0	2367.1	2367.1	2362.0	2362.0	2341.8	2334.2	2336.8	2351.9	2321.6
35°	2288.8	2281.2	2288.8	2286.2	2288.8	2281.2	2268.5	2266.0	2255.9	2273.6	2250.8
37.5°	2197.8	2190.2	2197.8	2197.8	2197.8	2202.8	2192.8	2185.1	2170.0	2192.8	2175.1
40°	2104.3	2094.2	2104.3	2101.8	2104.3	2109.4	2104.3	2099.3	2084.1	2101.8	2086.7
42.5°	1998.2	1995.7	1998.2	2000.7	2000.7	2010.9	2018.4	2008.4	2003.3	1990.7	2000.7
45°	1884.6	1879.5	1884.6	1889.6	1892.1	1897.2	1919.9	1919.9	1912.4	1892.1	1907.3
47.5°	1763.2	1750.6	1763.2	1778.4	1778.4	1786.0	1808.8	1826.4	1813.8	1788.6	1796.1
50°	1634.5	1637.0	1634.5	1644.5	1644.5	1672.3	1690.0	1707.7	1720.3	1690.0	1654.6
52.5°	1508.2	1505.6	1508.2	1515.7	1525.9	1538.5	1568.8	1586.5	1606.7	1589.0	1533.4
55°	1381.8	1386.9	1381.8	1384.4	1389.5	1397.0	1442.5	1460.1	1498.1	1475.3	1417.2
57.5°	1255.5	1248.0	1255.5	1260.6	1263.1	1270.7	1308.6	1341.5	1364.1	1366.7	1296.0
60°	1109.0	1098.9	1109.0	1131.7	1136.8	1141.8	1177.2	1207.5	1227.7	1235.3	1162.0
62.5°	980.2	962.5	980.2	995.3	1005.4	1018.0	1043.3	1088.8	1106.5	1109.0	1005.4
65°	843.8	836.2	843.8	874.1	876.6	891.8	919.6	952.4	990.2	985.3	836.2
67.5°	720.0	720.0	720.0	740.1	755.3	762.9	798.3	813.5	861.5	866.5	697.2
70°	606.3	603.8	606.3	621.4	631.5	649.2	682.1	699.8	737.6	750.3	565.9
72.5°	497.7	495.1	497.7	510.3	520.4	535.6	563.4	583.5	616.4	631.5	439.6
75°	401.7	396.6	401.7	411.7	409.3	429.4	452.2	472.4	502.8	512.8	325.9
77.5°	308.2	308.2	308.2	318.3	318.3	338.5	348.7	373.9	391.6	406.7	240.0
80°	229.9	227.3	229.9	232.4	232.4	242.5	260.2	277.9	293.0	293.0	164.2
82.5°	161.7	156.6	161.7	161.7	161.7	166.7	176.9	181.9	192.0	199.6	103.5
85°	101.0	101.0	101.0	103.5	101.0	106.1	108.6	113.7	113.7	108.6	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.6	60.6	60.6	58.1	55.5	35.4
90°	22.6	22.6	22.6	22.6	22.6	30.0	40.1	45.0	38.7	26.1	16.6
92.5°	90.2	72.3	90.2	108.1	112.6	159.7	222.4	253.7	222.7	160.9	114.4
95°	314.5	260.2	314.5	368.7	382.3	502.0	661.6	741.5	626.2	395.7	222.8
97.5°	753.4	650.2	753.4	856.8	882.6	958.2	1059.1	1109.5	917.4	533.1	244.8
100°	1085.6	962.6	1085.6	1208.6	1239.4	1233.8	1226.5	1222.7	1009.5	583.1	263.2
102.5°	1412.3	1306.9	1412.3	1517.6	1544.0	1447.6	1319.0	1254.8	1038.5	605.9	281.5
105°	1828.7	1772.1	1828.7	1885.4	1899.6	1683.4	1395.3	1251.2	1041.8	622.9	308.8
107.5°	2101.7	2115.3	2101.7	2088.0	2084.6	1783.0	1381.0	1180.1	995.4	626.1	349.1
110°	2205.8	2264.8	2205.8	2146.7	2132.0	1794.9	1345.5	1120.8	954.3	621.3	371.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2215.0	2305.6	2215.0	2124.4	2101.8	1756.8	1296.9	1066.9	918.4	621.5	398.8
115°	2156.3	2281.9	2156.3	2030.6	1999.2	1666.9	1223.8	1002.3	877.2	627.2	439.8
117.5°	2031.7	2171.1	2031.7	1892.3	1857.5	1557.6	1157.7	957.8	851.5	639.0	479.5
120°	1931.4	2066.8	1931.4	1795.9	1762.1	1488.1	1122.7	940.0	842.8	648.4	502.6
122.5°	1833.6	1967.2	1833.6	1700.1	1666.7	1419.9	1090.9	926.4	838.2	662.0	529.9
125°	1694.2	1817.3	1694.2	1571.2	1540.4	1330.8	1051.3	911.5	834.5	680.4	564.8
127.5°	1568.8	1672.6	1568.8	1465.0	1439.1	1259.1	1019.1	899.1	832.4	698.8	598.6
130°	1494.9	1590.8	1494.9	1399.1	1375.1	1214.9	1001.2	894.4	833.7	712.2	621.1
132.5°	1427.9	1513.7	1427.9	1342.0	1320.5	1177.1	985.8	890.2	834.5	723.1	639.6
135°	1336.0	1410.0	1336.0	1262.0	1243.5	1123.4	963.3	883.2	833.7	735.0	660.9
137.5°	1262.3	1322.9	1262.3	1201.7	1186.6	1085.1	949.6	881.9	838.9	752.8	688.1
140°	1211.8	1268.4	1211.8	1155.1	1141.0	1053.2	936.3	877.8	839.8	763.6	706.5
142.5°	1169.9	1218.6	1169.9	1121.1	1109.0	1031.9	929.1	877.8	842.8	772.7	720.2
145°	1107.0	1143.9	1107.0	1070.1	1061.0	998.0	913.9	871.9	842.8	784.6	740.9
147.5°	1058.8	1089.4	1058.8	1028.3	1020.6	971.0	904.9	871.9	848.5	802.0	767.0
150°	1028.5	1053.2	1028.5	1003.7	997.5	955.6	899.8	871.9	851.6	811.0	780.6
152.5°	1002.5	1021.2	1002.5	983.8	979.1	943.4	895.7	871.9	853.5	816.9	789.5
155°	972.7	985.1	972.7	960.3	957.2	928.8	890.8	871.9	857.9	830.0	809.1
157.5°	949.1	957.8	949.1	940.4	938.2	916.1	886.6	871.9	862.2	843.0	828.6
160°	935.1	940.0	935.1	930.0	928.8	909.8	884.5	871.9	864.2	848.9	837.5
162.5°	925.8	930.6	925.8	921.0	919.9	903.9	882.6	871.9	866.3	855.3	847.0
165°	912.5	917.5	912.5	907.5	906.3	894.8	879.5	871.9	869.4	864.3	860.6
167.5°	902.9	905.0	902.9	900.8	900.4	892.8	882.8	877.8	875.7	871.5	868.3
170°	900.4	900.4	900.4	900.4	900.4	892.8	882.8	877.8	877.7	877.4	877.2
172.5°	893.3	891.5	893.3	895.1	895.6	889.7	881.7	877.8	877.8	877.8	877.8
175°	889.1	889.1	889.1	889.1	889.1	885.4	880.3	877.8	878.9	881.3	883.2
177.5°	885.3	883.2	885.3	887.4	887.8	884.9	881.0	878.9	879.9	881.7	883.2
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2708.1	2693.0	2693.0	2667.7	2657.6	2650.0	2637.3	2599.5	2589.3	2579.3	2594.4
5°	2730.8	2703.0	2682.8	2637.3	2599.5	2584.3	2536.3	2445.4	2384.7	2339.2	2314.0
7.5°	2735.9	2700.5	2662.7	2591.9	2500.9	2460.6	2314.0	2147.3	2101.8	2061.4	2036.1
10°	2730.8	2690.4	2637.3	2531.3	2316.5	2245.8	2099.3	1990.7	1962.9	1955.3	1962.9
12.5°	2713.1	2675.3	2601.9	2425.2	2124.5	2076.5	1990.7	1927.5	1922.4	1935.0	2003.3
15°	2682.8	2647.5	2561.6	2283.7	2018.4	1983.0	1922.4	1899.7	1927.5	2015.9	2220.5
17.5°	2652.5	2612.1	2506.0	2144.8	1937.6	1912.4	1869.4	1914.9	2071.5	2190.2	2258.5
20°	2612.1	2564.1	2442.9	2043.7	1879.5	1856.7	1836.6	2041.2	2159.9	2202.8	2240.8
22.5°	2564.1	2513.6	2356.9	1973.0	1818.9	1801.2	1813.8	2111.9	2159.9	2190.2	2223.1
25°	2500.9	2458.0	2255.9	1917.4	1770.9	1750.6	1798.6	2104.3	2132.1	2139.7	2205.4
27.5°	2442.9	2387.2	2149.8	1866.9	1712.8	1705.2	1811.3	2071.5	2091.7	2099.3	2170.0
30°	2372.1	2288.8	2031.0	1813.8	1652.2	1649.6	1813.8	2031.0	2026.1	2046.2	2117.0
32.5°	2298.9	2142.2	1897.2	1748.1	1594.0	1591.5	1796.1	1970.4	1965.3	1993.2	2046.2
35°	2230.6	2028.5	1715.3	1672.3	1520.8	1523.3	1753.2	1899.7	1902.2	1927.5	1960.4
37.5°	2159.9	1930.0	1515.7	1589.0	1450.1	1450.1	1695.1	1834.0	1829.0	1836.6	1882.0
40°	2076.5	1776.0	1338.9	1480.4	1384.4	1376.7	1624.3	1763.2	1745.6	1743.1	1806.3
42.5°	1988.1	1606.7	1207.5	1336.4	1308.6	1298.4	1538.5	1677.4	1644.5	1652.2	1732.9
45°	1892.1	1561.1	1106.5	1129.2	1230.3	1222.7	1445.0	1578.8	1556.2	1576.3	1659.7
47.5°	1796.1	1470.2	1073.7	937.3	1146.9	1144.3	1341.5	1482.9	1470.2	1490.5	1578.8
50°	1664.8	1369.2	1071.1	803.3	1053.4	1063.6	1217.7	1389.5	1389.5	1407.1	1500.5
52.5°	1495.5	1245.4	972.6	727.5	944.8	975.1	1109.0	1308.6	1313.6	1331.3	1414.7
55°	1341.5	1116.6	901.9	669.5	815.9	881.6	1002.9	1225.2	1235.3	1253.0	1328.7
57.5°	1200.0	929.6	886.7	601.2	697.2	760.4	909.4	1144.3	1149.4	1164.6	1237.8
60°	1048.3	672.0	813.5	528.0	593.7	641.7	823.5	1048.3	1066.0	1076.2	1139.4
62.5°	876.6	487.6	737.6	477.4	543.1	553.2	752.8	957.4	980.2	987.7	1025.6
65°	624.0	409.3	626.5	434.5	490.0	492.6	677.0	863.9	884.2	896.8	924.5
67.5°	421.9	333.5	477.4	394.1	449.7	452.2	603.8	755.3	783.2	793.2	810.9
70°	293.0	222.3	353.6	351.1	404.2	409.3	525.4	656.8	682.1	689.7	699.8
72.5°	214.7	179.3	293.0	315.8	356.2	361.3	444.6	545.7	570.9	578.5	583.5
75°	164.2	189.5	237.5	275.3	303.1	305.6	363.8	444.6	462.3	467.4	469.9
77.5°	131.4	176.9	174.3	222.3	247.6	242.5	285.5	343.6	358.7	358.7	358.7
80°	98.6	138.9	131.4	159.2	181.9	176.9	204.6	245.0	250.1	255.2	252.6
82.5°	73.2	88.4	88.4	101.0	121.2	116.2	136.4	159.2	159.2	159.2	164.2
85°	45.5	50.5	40.4	53.1	68.2	65.7	75.8	85.8	88.4	88.4	83.4
87.5°	27.8	22.8	12.6	20.2	30.3	30.3	35.4	37.9	35.4	35.4	35.4
90°	15.5	10.7	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.1	30.0
92.5°	104.4	64.1	23.7	64.1	104.4	114.4	160.9	222.7	253.7	222.4	159.7
95°	204.4	130.7	56.9	130.7	204.4	222.8	395.7	626.2	741.5	661.6	502.0
97.5°	228.6	163.5	98.4	163.5	228.6	244.8	533.1	917.4	1109.5	1059.1	958.2
100°	248.5	189.4	130.4	189.4	248.5	263.2	583.1	1009.5	1222.7	1226.5	1233.8
102.5°	267.8	212.7	157.6	212.7	267.8	281.5	605.9	1038.5	1254.8	1319.0	1447.6
105°	297.1	250.6	203.9	250.6	297.1	308.8	622.9	1041.8	1251.2	1395.3	1683.4
107.5°	338.2	294.8	251.3	294.8	338.2	349.1	626.1	995.4	1180.1	1381.0	1783.0
110°	361.8	322.6	283.4	322.6	361.8	371.6	621.3	954.3	1120.8	1345.5	1794.9



TEST NUMBER: P934812

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	389.5	352.1	314.7	352.1	389.5	398.8	621.5	918.4	1066.9	1296.9	1756.8
115°	431.2	396.6	362.1	396.6	431.2	439.8	627.2	877.2	1002.3	1223.8	1666.9
117.5°	471.7	440.3	409.0	440.3	471.7	479.5	639.0	851.5	957.8	1157.7	1557.6
120°	495.2	465.7	436.2	465.7	495.2	502.6	648.4	842.8	940.0	1122.7	1488.1
122.5°	522.5	492.7	462.9	492.7	522.5	529.9	662.0	838.2	926.4	1090.9	1419.9
125°	558.0	531.0	503.8	531.0	558.0	564.8	680.4	834.5	911.5	1051.3	1330.8
127.5°	591.8	564.4	537.0	564.4	591.8	598.6	698.8	832.4	899.1	1019.1	1259.1
130°	613.8	584.2	554.8	584.2	613.8	621.1	712.2	833.7	894.4	1001.2	1214.9
132.5°	632.2	602.7	573.1	602.7	632.2	639.6	723.1	834.5	890.2	985.8	1177.1
135°	654.2	627.2	600.4	627.2	654.2	660.9	735.0	833.7	883.2	963.3	1123.4
137.5°	681.4	654.9	628.3	654.9	681.4	688.1	752.8	838.9	881.9	949.6	1085.1
140°	700.4	675.9	651.4	675.9	700.4	706.5	763.6	839.8	877.8	936.3	1053.2
142.5°	714.5	691.9	669.2	691.9	714.5	720.2	772.7	842.8	877.8	929.1	1031.9
145°	735.9	716.2	696.4	716.2	735.9	740.9	784.6	842.8	871.9	913.9	998.0
147.5°	762.2	742.9	723.7	742.9	762.2	767.0	802.0	848.5	871.9	904.9	971.0
150°	776.3	758.9	741.5	758.9	776.3	780.6	811.0	851.6	871.9	899.8	955.6
152.5°	786.2	773.0	759.8	773.0	786.2	789.5	816.9	853.5	871.9	895.7	943.4
155°	806.6	796.8	787.1	796.8	806.6	809.1	830.0	857.9	871.9	890.8	928.8
157.5°	826.2	816.7	807.2	816.7	826.2	828.6	843.0	862.2	871.9	886.6	916.1
160°	835.6	828.3	820.9	828.3	835.6	837.5	848.9	864.2	871.9	884.5	909.8
162.5°	845.6	840.0	834.5	840.0	845.6	847.0	855.3	866.3	871.9	882.6	903.9
165°	859.3	854.3	849.3	854.3	859.3	860.6	864.3	869.4	871.9	879.5	894.8
167.5°	867.8	865.4	863.0	865.4	867.8	868.3	871.5	875.7	877.8	882.8	892.8
170°	876.7	874.3	871.9	874.3	876.7	877.2	877.4	877.7	877.8	882.8	892.8
172.5°	877.7	877.1	876.7	877.1	877.7	877.8	877.8	877.8	877.8	881.7	889.7
175°	883.2	883.2	883.2	883.2	883.2	883.2	881.3	878.9	877.8	880.3	885.4
177.5°	883.2	883.2	883.2	883.2	883.2	883.2	881.7	879.9	878.9	881.0	884.9
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2576.7	2569.2	2579.3	2551.5	2579.3	2569.2	2576.7	2594.4	2579.3	2589.3	2599.5
5°	2260.9	2248.3	2207.9	2175.1	2207.9	2248.3	2260.9	2314.0	2339.2	2384.7	2445.4
7.5°	2021.0	2010.9	2000.7	1980.5	2000.7	2010.9	2021.0	2036.1	2061.4	2101.8	2147.3
10°	1967.9	1970.4	1985.6	1983.0	1985.6	1970.4	1967.9	1962.9	1955.3	1962.9	1990.7
12.5°	2104.3	2127.1	2210.5	2205.4	2210.5	2127.1	2104.3	2003.3	1935.0	1922.4	1927.5
15°	2260.9	2268.5	2286.2	2288.8	2286.2	2268.5	2260.9	2220.5	2015.9	1927.5	1899.7
17.5°	2276.1	2278.6	2291.2	2291.2	2291.2	2278.6	2276.1	2258.5	2190.2	2071.5	1914.9
20°	2263.5	2268.5	2293.8	2298.9	2293.8	2268.5	2263.5	2240.8	2202.8	2159.9	2041.2
22.5°	2258.5	2268.5	2288.8	2286.2	2288.8	2268.5	2258.5	2223.1	2190.2	2159.9	2111.9
25°	2233.1	2233.1	2235.7	2238.2	2235.7	2233.1	2233.1	2205.4	2139.7	2132.1	2104.3
27.5°	2180.2	2185.1	2200.3	2197.8	2200.3	2185.1	2180.2	2170.0	2099.3	2091.7	2071.5
30°	2132.1	2127.1	2114.4	2104.3	2114.4	2127.1	2132.1	2117.0	2046.2	2026.1	2031.0
32.5°	2051.3	2038.7	2026.1	2018.4	2026.1	2038.7	2051.3	2046.2	1993.2	1965.3	1970.4
35°	1955.3	1957.8	1955.3	1947.7	1955.3	1957.8	1955.3	1960.4	1927.5	1902.2	1899.7
37.5°	1887.0	1892.1	1889.6	1879.5	1889.6	1892.1	1887.0	1882.0	1836.6	1829.0	1834.0
40°	1816.3	1818.9	1816.3	1808.8	1816.3	1818.9	1816.3	1806.3	1743.1	1745.6	1763.2
42.5°	1748.1	1745.6	1738.0	1732.9	1738.0	1745.6	1748.1	1732.9	1652.2	1644.5	1677.4
45°	1669.8	1672.3	1657.2	1649.6	1657.2	1672.3	1669.8	1659.7	1576.3	1556.2	1578.8
47.5°	1591.5	1591.5	1578.8	1571.3	1578.8	1591.5	1591.5	1578.8	1490.5	1470.2	1482.9
50°	1508.2	1505.6	1487.9	1485.4	1487.9	1505.6	1508.2	1500.5	1407.1	1389.5	1389.5
52.5°	1412.1	1412.1	1414.7	1419.8	1414.7	1412.1	1412.1	1414.7	1331.3	1313.6	1308.6
55°	1328.7	1331.3	1349.0	1354.1	1349.0	1331.3	1328.7	1328.7	1253.0	1235.3	1225.2
57.5°	1242.9	1242.9	1255.5	1255.5	1255.5	1242.9	1242.9	1237.8	1164.6	1149.4	1144.3
60°	1144.3	1149.4	1159.5	1157.0	1159.5	1149.4	1144.3	1139.4	1076.2	1066.0	1048.3
62.5°	1040.8	1045.9	1048.3	1043.3	1048.3	1045.9	1040.8	1025.6	987.7	980.2	957.4
65°	932.2	937.3	939.7	934.7	939.7	937.3	932.2	924.5	896.8	884.2	863.9
67.5°	821.0	818.5	815.9	826.1	815.9	818.5	821.0	810.9	793.2	783.2	755.3
70°	707.3	707.3	704.8	709.8	704.8	707.3	707.3	699.8	689.7	682.1	656.8
72.5°	586.1	583.5	593.7	586.1	593.7	583.5	586.1	583.5	578.5	570.9	545.7
75°	467.4	472.4	467.4	474.9	467.4	472.4	467.4	469.9	467.4	462.3	444.6
77.5°	356.2	361.3	356.2	356.2	356.2	361.3	356.2	358.7	358.7	358.7	343.6
80°	252.6	250.1	250.1	247.6	250.1	250.1	252.6	252.6	255.2	250.1	245.0
82.5°	161.7	159.2	159.2	164.2	159.2	159.2	161.7	164.2	159.2	159.2	159.2
85°	88.4	90.9	85.8	85.8	85.8	90.9	88.4	83.4	88.4	88.4	85.8
87.5°	32.9	30.3	30.3	30.3	30.3	30.3	32.9	35.4	35.4	35.4	37.9
90°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	30.0	40.1	45.0	38.7
92.5°	112.6	108.1	90.2	72.3	90.2	108.1	112.6	159.7	222.4	253.7	222.7
95°	382.3	368.7	314.5	260.2	314.5	368.7	382.3	502.0	661.6	741.5	626.2
97.5°	882.6	856.8	753.4	650.2	753.4	856.8	882.6	958.2	1059.1	1109.5	917.4
100°	1239.4	1208.6	1085.6	962.6	1085.6	1208.6	1239.4	1233.8	1226.5	1222.7	1009.5
102.5°	1544.0	1517.6	1412.3	1306.9	1412.3	1517.6	1544.0	1447.6	1319.0	1254.8	1038.5
105°	1899.6	1885.4	1828.7	1772.1	1828.7	1885.4	1899.6	1683.4	1395.3	1251.2	1041.8
107.5°	2084.6	2088.0	2101.7	2115.3	2101.7	2088.0	2084.6	1783.0	1381.0	1180.1	995.4
110°	2132.0	2146.7	2205.8	2264.8	2205.8	2146.7	2132.0	1794.9	1345.5	1120.8	954.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2101.8	2124.4	2215.0	2305.6	2215.0	2124.4	2101.8	1756.8	1296.9	1066.9	918.4
115°	1999.2	2030.6	2156.3	2281.9	2156.3	2030.6	1999.2	1666.9	1223.8	1002.3	877.2
117.5°	1857.5	1892.3	2031.7	2171.1	2031.7	1892.3	1857.5	1557.6	1157.7	957.8	851.5
120°	1762.1	1795.9	1931.4	2066.8	1931.4	1795.9	1762.1	1488.1	1122.7	940.0	842.8
122.5°	1666.7	1700.1	1833.6	1967.2	1833.6	1700.1	1666.7	1419.9	1090.9	926.4	838.2
125°	1540.4	1571.2	1694.2	1817.3	1694.2	1571.2	1540.4	1330.8	1051.3	911.5	834.5
127.5°	1439.1	1465.0	1568.8	1672.6	1568.8	1465.0	1439.1	1259.1	1019.1	899.1	832.4
130°	1375.1	1399.1	1494.9	1590.8	1494.9	1399.1	1375.1	1214.9	1001.2	894.4	833.7
132.5°	1320.5	1342.0	1427.9	1513.7	1427.9	1342.0	1320.5	1177.1	985.8	890.2	834.5
135°	1243.5	1262.0	1336.0	1410.0	1336.0	1262.0	1243.5	1123.4	963.3	883.2	833.7
137.5°	1186.6	1201.7	1262.3	1322.9	1262.3	1201.7	1186.6	1085.1	949.6	881.9	838.9
140°	1141.0	1155.1	1211.8	1268.4	1211.8	1155.1	1141.0	1053.2	936.3	877.8	839.8
142.5°	1109.0	1121.1	1169.9	1218.6	1169.9	1121.1	1109.0	1031.9	929.1	877.8	842.8
145°	1061.0	1070.1	1107.0	1143.9	1107.0	1070.1	1061.0	998.0	913.9	871.9	842.8
147.5°	1020.6	1028.3	1058.8	1089.4	1058.8	1028.3	1020.6	971.0	904.9	871.9	848.5
150°	997.5	1003.7	1028.5	1053.2	1028.5	1003.7	997.5	955.6	899.8	871.9	851.6
152.5°	979.1	983.8	1002.5	1021.2	1002.5	983.8	979.1	943.4	895.7	871.9	853.5
155°	957.2	960.3	972.7	985.1	972.7	960.3	957.2	928.8	890.8	871.9	857.9
157.5°	938.2	940.4	949.1	957.8	949.1	940.4	938.2	916.1	886.6	871.9	862.2
160°	928.8	930.0	935.1	940.0	935.1	930.0	928.8	909.8	884.5	871.9	864.2
162.5°	919.9	921.0	925.8	930.6	925.8	921.0	919.9	903.9	882.6	871.9	866.3
165°	906.3	907.5	912.5	917.5	912.5	907.5	906.3	894.8	879.5	871.9	869.4
167.5°	900.4	900.8	902.9	905.0	902.9	900.8	900.4	892.8	882.8	877.8	875.7
170°	900.4	900.4	900.4	900.4	900.4	900.4	900.4	892.8	882.8	877.8	877.7
172.5°	895.6	895.1	893.3	891.5	893.3	895.1	895.6	889.7	881.7	877.8	877.8
175°	889.1	889.1	889.1	889.1	889.1	889.1	889.1	885.4	880.3	877.8	878.9
177.5°	887.8	887.4	885.3	883.2	885.3	887.4	887.8	884.9	881.0	878.9	879.9
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2670.2	2670.2	2670.2	2670.2	2670.2
2.5°	2637.3	2650.0	2657.6	2667.7	2693.0
5°	2536.3	2584.3	2599.5	2637.3	2682.8
7.5°	2314.0	2460.6	2500.9	2591.9	2662.7
10°	2099.3	2245.8	2316.5	2531.3	2637.3
12.5°	1990.7	2076.5	2124.5	2425.2	2601.9
15°	1922.4	1983.0	2018.4	2283.7	2561.6
17.5°	1869.4	1912.4	1937.6	2144.8	2506.0
20°	1836.6	1856.7	1879.5	2043.7	2442.9
22.5°	1813.8	1801.2	1818.9	1973.0	2356.9
25°	1798.6	1750.6	1770.9	1917.4	2255.9
27.5°	1811.3	1705.2	1712.8	1866.9	2149.8
30°	1813.8	1649.6	1652.2	1813.8	2031.0
32.5°	1796.1	1591.5	1594.0	1748.1	1897.2
35°	1753.2	1523.3	1520.8	1672.3	1715.3
37.5°	1695.1	1450.1	1450.1	1589.0	1515.7
40°	1624.3	1376.7	1384.4	1480.4	1338.9
42.5°	1538.5	1298.4	1308.6	1336.4	1207.5
45°	1445.0	1222.7	1230.3	1129.2	1106.5
47.5°	1341.5	1144.3	1146.9	937.3	1073.7
50°	1217.7	1063.6	1053.4	803.3	1071.1
52.5°	1109.0	975.1	944.8	727.5	972.6
55°	1002.9	881.6	815.9	669.5	901.9
57.5°	909.4	760.4	697.2	601.2	886.7
60°	823.5	641.7	593.7	528.0	813.5
62.5°	752.8	553.2	543.1	477.4	737.6
65°	677.0	492.6	490.0	434.5	626.5
67.5°	603.8	452.2	449.7	394.1	477.4
70°	525.4	409.3	404.2	351.1	353.6
72.5°	444.6	361.3	356.2	315.8	293.0
75°	363.8	305.6	303.1	275.3	237.5
77.5°	285.5	242.5	247.6	222.3	174.3
80°	204.6	176.9	181.9	159.2	131.4
82.5°	136.4	116.2	121.2	101.0	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.3	30.3	20.2	12.6
90°	26.1	16.6	15.5	10.7	5.9
92.5°	160.9	114.4	104.4	64.1	23.7
95°	395.7	222.8	204.4	130.7	56.9
97.5°	533.1	244.8	228.6	163.5	98.4
100°	583.1	263.2	248.5	189.4	130.4
102.5°	605.9	281.5	267.8	212.7	157.6
105°	622.9	308.8	297.1	250.6	203.9
107.5°	626.1	349.1	338.2	294.8	251.3
110°	621.3	371.6	361.8	322.6	283.4



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CATALOG NUMBER: SQ4-FA-075U-100D-830-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	621.5	398.8	389.5	352.1	314.7
115°	627.2	439.8	431.2	396.6	362.1
117.5°	639.0	479.5	471.7	440.3	409.0
120°	648.4	502.6	495.2	465.7	436.2
122.5°	662.0	529.9	522.5	492.7	462.9
125°	680.4	564.8	558.0	531.0	503.8
127.5°	698.8	598.6	591.8	564.4	537.0
130°	712.2	621.1	613.8	584.2	554.8
132.5°	723.1	639.6	632.2	602.7	573.1
135°	735.0	660.9	654.2	627.2	600.4
137.5°	752.8	688.1	681.4	654.9	628.3
140°	763.6	706.5	700.4	675.9	651.4
142.5°	772.7	720.2	714.5	691.9	669.2
145°	784.6	740.9	735.9	716.2	696.4
147.5°	802.0	767.0	762.2	742.9	723.7
150°	811.0	780.6	776.3	758.9	741.5
152.5°	816.9	789.5	786.2	773.0	759.8
155°	830.0	809.1	806.6	796.8	787.1
157.5°	843.0	828.6	826.2	816.7	807.2
160°	848.9	837.5	835.6	828.3	820.9
162.5°	855.3	847.0	845.6	840.0	834.5
165°	864.3	860.6	859.3	854.3	849.3
167.5°	871.5	868.3	867.8	865.4	863.0
170°	877.4	877.2	876.7	874.3	871.9
172.5°	877.8	877.8	877.7	877.1	876.7
175°	881.3	883.2	883.2	883.2	883.2
177.5°	881.7	883.2	883.2	883.2	883.2
180°	883.2	883.2	883.2	883.2	883.2



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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	13.98	14.89	14.89	15.82	17.02	16.82	17.72	17.73	18.66	19.86
	3H	14.46	15.27	15.39	16.22	17.44	18.17	18.98	19.10	19.92	21.15
	4H	14.65	15.42	15.60	16.37	17.60	18.62	19.38	19.56	20.33	21.57
	6H	14.77	15.48	15.73	16.44	17.68	18.91	19.61	19.86	20.57	21.81
	8H	14.78	15.45	15.74	16.42	17.67	18.98	19.66	19.94	20.63	21.87
	12H	14.75	15.39	15.72	16.36	17.63	19.02	19.66	19.99	20.63	21.90
4H	2H	15.02	15.79	15.97	16.74	17.97	17.23	18.00	18.18	18.95	20.18
	3H	16.05	16.69	17.01	17.67	18.92	18.74	19.38	19.70	20.36	21.61
	4H	16.33	16.91	17.30	17.89	19.16	19.28	19.86	20.24	20.83	22.11
	6H	16.46	16.96	17.44	17.96	19.23	19.65	20.15	20.63	21.14	22.42
	8H	16.46	16.93	17.44	17.92	19.21	19.75	20.22	20.74	21.21	22.50
	12H	16.43	16.86	17.43	17.86	19.15	19.81	20.24	20.82	21.24	22.54
8H	4H	16.79	17.26	17.77	18.25	19.53	19.40	19.87	20.39	20.86	22.15
	6H	17.05	17.44	18.06	18.47	19.76	19.84	20.23	20.85	21.26	22.55
	8H	17.09	17.44	18.11	18.45	19.76	20.00	20.34	21.01	21.36	22.66
	12H	17.08	17.38	18.10	18.39	19.74	20.10	20.40	21.12	21.41	22.76
12H	4H	16.80	17.22	17.80	18.23	19.52	19.37	19.79	20.37	20.80	22.09
	6H	17.11	17.46	18.13	18.47	19.78	19.84	20.18	20.86	21.20	22.51
	8H	17.18	17.48	18.20	18.50	19.84	20.01	20.31	21.02	21.32	22.67