

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: P934816

Luminaire Tested: SQ4-FA-075U-100D-835-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934816
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-835-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

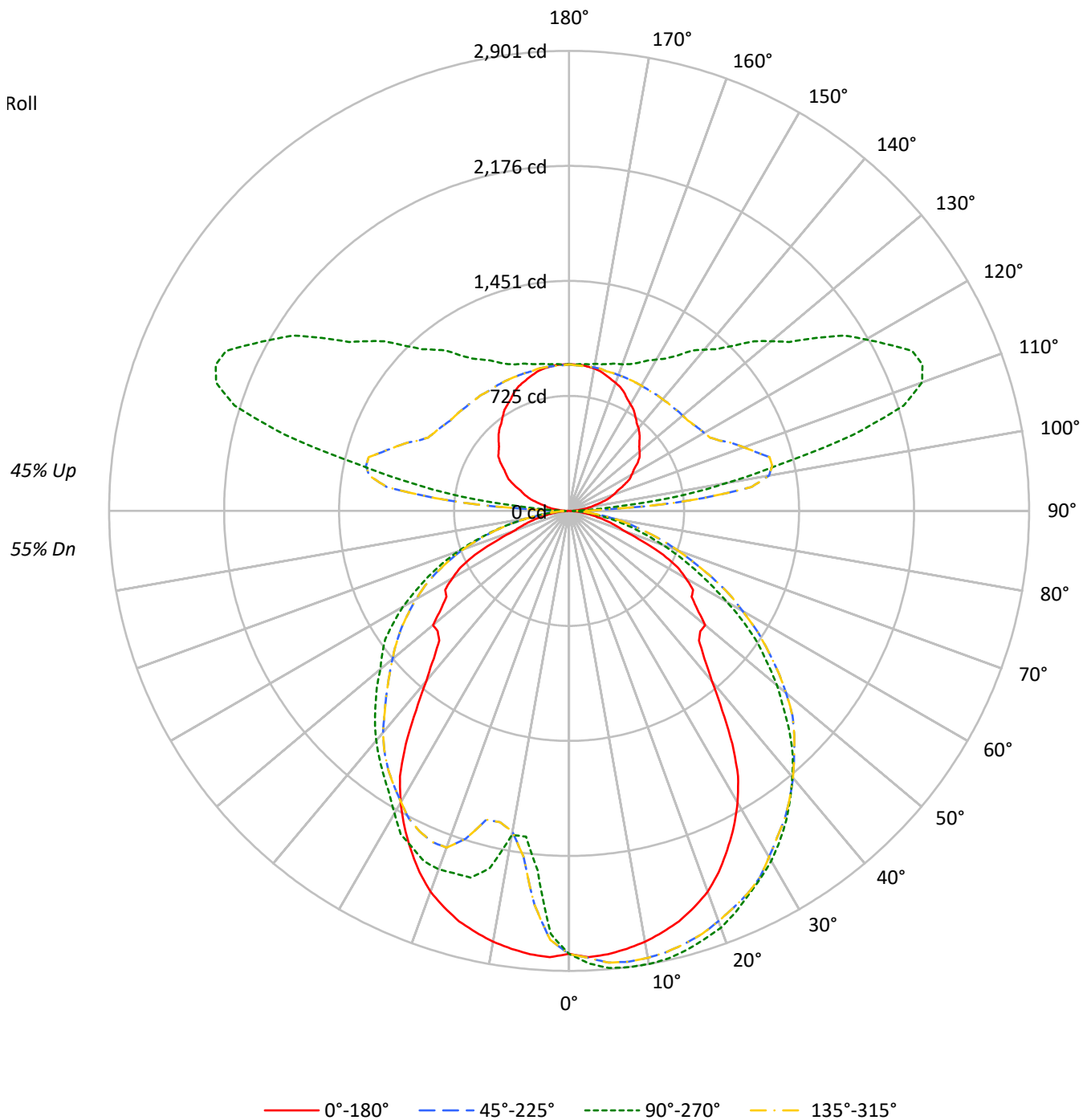
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13234.0 lumens
Efficiency: N/A
Efficacy: 129.2 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°	12959	12959	12959	12959
5°	13056	13081	13056	10286
10°	12968	12886	12968	9212
15°	12827	12607	12827	10527
20°	12559	12276	12559	10549
25°	12010	11794	12010	10325
30°	11300	11393	11300	9835
35°	10074	10887	10074	9295
40°	8394	10290	8394	8888
45°	7500	9592	7500	8419
50°	7968	8760	7968	7949
55°	7497	7863	7497	7677
60°	7728	6678	7728	7031
65°	7006	5520	7006	6170
70°	4851	4400	4851	5172
75°	4254	3252	4254	3894
80°	3428	2150	3428	2341
85°	1970	1139	1970	967

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11496 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.1	1.9
10°-20°	715.9	5.4
20°-30°	1106.6	8.4
30°-40°	1321.0	10.0
40°-50°	1328.8	10.0
50°-60°	1156.2	8.7
60°-70°	819.8	6.2
70°-80°	433.7	3.3
80°-90°	111.5	0.8
90°-100°	450.3	3.4
100°-110°	1183.8	8.9
110°-120°	1227.5	9.3
120°-130°	984.6	7.4
130°-140°	772.6	5.8
140°-150°	593.0	4.5
150°-160°	427.0	3.2
160°-170°	261.3	2.0
170°-180°	88.3	0.7
0°-30°	2074.6	15.7
0°-40°	3395.6	25.7
0°-60°	5880.5	44.4
0°-90°	7245.5	54.7
90°-120°	2861.7	21.6
90°-150°	5211.9	39.4
90°-180°	5988.0	45.2
0°-180°	13234.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2793	2793	2793	2793	2793	
5°	2806	2894	2806	2275	2806	266
15°	2680	2867	2680	2394	2680	754
25°	2360	2674	2360	2341	2360	1083
35°	1794	2386	1794	2037	1794	1110
45°	1157	1966	1157	1726	1157	927
55°	943	1451	943	1416	943	867
65°	655	875	655	978	655	626
75°	248	415	248	497	248	261
85°	42	106	42	90	42	57
90°	6	24	6	24	6	7
95°	60	272	60	272	60	66
105°	213	1854	213	1854	213	226
115°	379	2387	379	2387	379	374
125°	527	1901	527	1901	527	468
135°	628	1475	628	1475	628	486
145°	728	1197	728	1197	728	456
155°	823	1030	823	1030	823	378
165°	888	960	888	960	888	251
175°	924	930	924	930	924	88
180°	924	924	924	924	924	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1
2.5°	2816.9	2816.9	2832.7	2838.0	2838.0	2830.1	2822.2	2830.1	2853.9	2861.8	2859.2
5°	2806.3	2827.4	2856.5	2861.8	2867.1	2864.4	2859.2	2864.4	2890.9	2896.2	2898.8
7.5°	2785.2	2824.8	2861.8	2869.7	2877.7	2869.7	2867.1	2872.4	2898.8	2904.1	2904.1
10°	2758.7	2814.2	2856.5	2861.8	2869.7	2861.8	2861.8	2872.4	2898.8	2904.1	2906.7
12.5°	2721.7	2798.4	2838.0	2843.3	2853.9	2851.2	2848.6	2859.2	2885.6	2890.9	2890.9
15°	2679.5	2769.3	2806.3	2811.6	2830.1	2824.8	2824.8	2835.4	2864.4	2872.4	2869.7
17.5°	2621.3	2732.3	2774.6	2782.5	2795.7	2793.1	2795.7	2806.3	2832.7	2838.0	2840.7
20°	2555.3	2682.1	2732.3	2740.2	2753.5	2753.5	2753.5	2766.7	2793.1	2803.7	2803.7
22.5°	2465.4	2629.3	2682.1	2687.4	2703.2	2703.2	2708.5	2727.0	2750.8	2753.5	2753.5
25°	2359.7	2571.1	2616.0	2631.9	2647.8	2655.7	2663.6	2674.2	2682.1	2679.5	2682.1
27.5°	2248.7	2497.1	2555.3	2565.8	2587.0	2594.9	2605.5	2608.1	2610.8	2618.7	2613.4
30°	2124.5	2394.1	2481.3	2491.9	2526.2	2531.5	2520.9	2526.2	2539.4	2544.7	2550.0
32.5°	1984.5	2240.8	2404.7	2428.4	2460.1	2444.3	2441.6	2449.6	2470.7	2470.7	2476.0
35°	1794.2	2121.9	2333.3	2354.4	2378.2	2359.7	2370.3	2372.9	2386.2	2394.1	2391.4
37.5°	1585.5	2018.8	2259.3	2275.2	2293.7	2269.9	2285.7	2293.7	2304.2	2299.0	2299.0
40°	1400.5	1857.7	2172.1	2182.7	2198.5	2180.0	2195.9	2201.2	2206.5	2201.2	2198.5
42.5°	1263.1	1680.6	2079.6	2092.8	2082.3	2095.5	2100.8	2111.3	2103.4	2092.8	2092.8
45°	1157.4	1633.0	1979.2	1995.1	1979.2	2000.4	2008.3	2008.3	1984.5	1979.2	1976.6
47.5°	1123.1	1537.9	1878.8	1878.8	1870.9	1897.3	1910.5	1892.0	1868.2	1860.3	1860.3
50°	1120.4	1432.2	1741.4	1730.8	1767.8	1799.5	1786.3	1767.8	1749.3	1720.2	1720.2
52.5°	1017.4	1302.7	1564.3	1604.0	1662.1	1680.6	1659.5	1641.0	1609.3	1596.1	1585.5
55°	943.4	1168.0	1403.2	1482.4	1543.2	1567.0	1527.3	1508.9	1461.3	1453.4	1448.1
57.5°	927.5	972.4	1255.2	1355.6	1429.6	1426.9	1403.2	1368.8	1329.2	1321.2	1318.6
60°	850.9	702.9	1096.6	1215.5	1292.2	1284.2	1263.1	1231.4	1194.4	1189.1	1183.8
62.5°	771.6	510.0	916.9	1051.7	1160.0	1157.4	1138.9	1091.3	1064.9	1051.7	1041.1
65°	655.3	428.1	652.7	874.7	1030.6	1035.8	996.2	961.9	932.8	916.9	914.3
67.5°	499.4	348.8	441.3	729.3	906.4	901.1	850.9	835.0	798.0	790.1	774.2
70°	369.9	232.5	306.5	591.9	784.8	771.6	732.0	713.5	679.1	660.6	650.0
72.5°	306.5	187.6	224.6	459.8	660.6	644.8	610.4	589.3	560.2	544.3	533.8
75°	248.4	198.2	171.8	340.9	536.4	525.9	494.1	473.0	449.2	428.1	430.7
77.5°	182.3	185.0	137.4	251.0	425.4	409.6	391.1	364.7	354.1	333.0	333.0
80°	137.4	145.3	103.1	171.8	306.5	306.5	290.7	272.2	253.7	243.1	243.1
82.5°	92.5	92.5	76.6	108.3	208.8	200.8	190.3	185.0	174.4	169.1	169.1
85°	42.3	52.8	47.6	66.1	113.6	118.9	118.9	113.6	111.0	105.7	108.3
87.5°	13.2	23.8	29.1	37.0	58.1	60.8	63.4	63.4	63.4	66.1	66.1
90°	6.2	11.2	16.2	17.4	27.3	40.5	47.1	41.9	31.4	23.6	23.6
92.5°	24.8	67.0	109.2	119.7	168.3	233.0	265.4	232.6	167.0	117.8	113.1
95°	59.5	136.7	213.8	233.1	413.9	655.0	775.6	692.1	525.1	399.9	385.7
97.5°	102.9	171.0	239.1	256.1	557.6	959.6	1160.6	1107.8	1002.3	923.2	896.2
100°	136.4	198.1	259.9	275.3	609.9	1056.0	1279.0	1282.9	1290.6	1296.4	1264.2
102.5°	164.9	222.5	280.1	294.5	633.8	1086.3	1312.5	1379.7	1514.2	1615.1	1587.5
105°	213.3	262.1	310.8	323.0	651.6	1089.7	1308.8	1459.5	1760.9	1987.0	1972.2
107.5°	262.9	308.4	353.8	365.2	654.9	1041.2	1234.4	1444.6	1865.1	2180.5	2184.1
110°	296.4	337.4	378.4	388.7	649.9	998.2	1172.4	1407.4	1877.5	2230.1	2245.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	329.2	368.3	407.4	417.2	650.1	960.7	1116.0	1356.6	1837.7	2198.5	2222.2
115°	378.8	414.9	451.0	460.0	656.1	917.6	1048.4	1280.1	1743.6	2091.2	2124.1
117.5°	427.8	460.6	493.4	501.6	668.4	890.7	1001.9	1211.0	1629.3	1943.0	1979.4
120°	456.3	487.1	518.0	525.7	678.2	881.6	983.3	1174.4	1556.6	1843.2	1878.6
122.5°	484.2	515.4	546.5	554.3	692.5	876.8	969.0	1141.1	1485.3	1743.4	1778.3
125°	527.0	555.4	583.7	590.8	711.7	872.9	953.5	1099.7	1392.0	1611.3	1643.5
127.5°	561.7	590.4	619.0	626.2	731.0	870.7	940.5	1066.0	1317.0	1505.3	1532.4
130°	580.3	611.1	642.0	649.7	745.0	872.1	935.6	1047.3	1270.8	1438.4	1463.5
132.5°	599.5	630.4	661.3	669.0	756.4	872.9	931.2	1031.2	1231.3	1381.3	1403.8
135°	628.0	656.1	684.3	691.3	768.8	872.1	923.8	1007.6	1175.1	1300.7	1320.1
137.5°	657.2	685.0	712.8	719.8	787.4	877.5	922.5	993.3	1135.0	1241.2	1257.0
140°	681.4	707.0	732.6	739.0	798.7	878.4	918.2	979.4	1101.7	1193.5	1208.3
142.5°	700.0	723.7	747.4	753.3	808.3	881.6	918.2	971.9	1079.4	1160.0	1172.7
145°	728.5	749.2	769.8	775.0	820.7	881.6	912.0	956.0	1043.9	1109.8	1119.4
147.5°	757.0	777.1	797.3	802.3	838.9	887.6	912.0	946.6	1015.7	1067.6	1075.6
150°	775.6	793.8	812.0	816.5	848.3	890.8	912.0	941.2	999.6	1043.4	1049.9
152.5°	794.8	808.6	822.4	825.8	854.5	892.8	912.0	936.9	986.8	1024.2	1029.1
155°	823.3	833.5	843.7	846.3	868.2	897.4	912.0	931.8	971.5	1001.3	1004.5
157.5°	844.4	854.3	864.2	866.7	881.8	901.9	912.0	927.4	958.3	981.4	983.7
160°	858.7	866.4	874.1	876.0	888.0	904.0	912.0	925.2	951.7	971.5	972.8
162.5°	872.9	878.7	884.5	886.0	894.7	906.2	912.0	923.2	945.5	962.2	963.4
165°	888.4	893.6	898.9	900.2	904.1	909.4	912.0	920.0	936.0	948.0	949.3
167.5°	902.7	905.2	907.7	908.3	911.6	916.0	918.2	923.4	933.9	941.8	942.3
170°	912.0	914.5	917.0	917.6	917.8	918.1	918.2	923.4	933.9	941.8	941.8
172.5°	917.0	917.5	918.1	918.2	918.2	918.2	918.2	922.3	930.6	936.8	936.3
175°	923.8	923.8	923.8	923.8	921.9	919.4	918.2	920.8	926.1	930.0	930.0
177.5°	923.8	923.8	923.8	923.8	922.3	920.4	919.4	921.5	925.6	928.7	928.2
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1
2.5°	2864.4	2856.5	2864.4	2859.2	2861.8	2853.9	2830.1	2822.2	2830.1	2838.0	2838.0
5°	2898.8	2893.5	2898.8	2898.8	2896.2	2890.9	2864.4	2859.2	2864.4	2867.1	2861.8
7.5°	2909.4	2901.4	2909.4	2904.1	2904.1	2898.8	2872.4	2867.1	2869.7	2877.7	2869.7
10°	2909.4	2901.4	2909.4	2906.7	2904.1	2898.8	2872.4	2861.8	2861.8	2869.7	2861.8
12.5°	2896.2	2890.9	2896.2	2890.9	2890.9	2885.6	2859.2	2848.6	2851.2	2853.9	2843.3
15°	2875.0	2867.1	2875.0	2869.7	2872.4	2864.4	2835.4	2824.8	2824.8	2830.1	2811.6
17.5°	2843.3	2832.7	2843.3	2840.7	2838.0	2832.7	2806.3	2795.7	2793.1	2795.7	2782.5
20°	2806.3	2798.4	2806.3	2803.7	2803.7	2793.1	2766.7	2753.5	2753.5	2753.5	2740.2
22.5°	2748.2	2740.2	2748.2	2753.5	2753.5	2750.8	2727.0	2708.5	2703.2	2703.2	2687.4
25°	2682.1	2674.2	2682.1	2682.1	2679.5	2682.1	2674.2	2663.6	2655.7	2647.8	2631.9
27.5°	2618.7	2613.4	2618.7	2613.4	2618.7	2610.8	2608.1	2605.5	2594.9	2587.0	2565.8
30°	2555.3	2550.0	2555.3	2550.0	2544.7	2539.4	2526.2	2520.9	2531.5	2526.2	2491.9
32.5°	2476.0	2470.7	2476.0	2476.0	2470.7	2470.7	2449.6	2441.6	2444.3	2460.1	2428.4
35°	2394.1	2386.2	2394.1	2391.4	2394.1	2386.2	2372.9	2370.3	2359.7	2378.2	2354.4
37.5°	2299.0	2291.0	2299.0	2299.0	2299.0	2304.2	2293.7	2285.7	2269.9	2293.7	2275.2
40°	2201.2	2190.6	2201.2	2198.5	2201.2	2206.5	2201.2	2195.9	2180.0	2198.5	2182.7
42.5°	2090.2	2087.6	2090.2	2092.8	2092.8	2103.4	2111.3	2100.8	2095.5	2082.3	2092.8
45°	1971.3	1966.0	1971.3	1976.6	1979.2	1984.5	2008.3	2008.3	2000.4	1979.2	1995.1
47.5°	1844.4	1831.2	1844.4	1860.3	1860.3	1868.2	1892.0	1910.5	1897.3	1870.9	1878.8
50°	1709.7	1712.3	1709.7	1720.2	1720.2	1749.3	1767.8	1786.3	1799.5	1767.8	1730.8
52.5°	1577.6	1574.9	1577.6	1585.5	1596.1	1609.3	1641.0	1659.5	1680.6	1662.1	1604.0
55°	1445.4	1450.7	1445.4	1448.1	1453.4	1461.3	1508.9	1527.3	1567.0	1543.2	1482.4
57.5°	1313.3	1305.4	1313.3	1318.6	1321.2	1329.2	1368.8	1403.2	1426.9	1429.6	1355.6
60°	1160.0	1149.5	1160.0	1183.8	1189.1	1194.4	1231.4	1263.1	1284.2	1292.2	1215.5
62.5°	1025.3	1006.8	1025.3	1041.1	1051.7	1064.9	1091.3	1138.9	1157.4	1160.0	1051.7
65°	882.6	874.7	882.6	914.3	916.9	932.8	961.9	996.2	1035.8	1030.6	874.7
67.5°	753.1	753.1	753.1	774.2	790.1	798.0	835.0	850.9	901.1	906.4	729.3
70°	634.2	631.6	634.2	650.0	660.6	679.1	713.5	732.0	771.6	784.8	591.9
72.5°	520.6	517.9	520.6	533.8	544.3	560.2	589.3	610.4	644.8	660.6	459.8
75°	420.2	414.9	420.2	430.7	428.1	449.2	473.0	494.1	525.9	536.4	340.9
77.5°	322.4	322.4	322.4	333.0	333.0	354.1	364.7	391.1	409.6	425.4	251.0
80°	240.5	237.8	240.5	243.1	243.1	253.7	272.2	290.7	306.5	306.5	171.8
82.5°	169.1	163.8	169.1	169.1	169.1	174.4	185.0	190.3	200.8	208.8	108.3
85°	105.7	105.7	105.7	108.3	105.7	111.0	113.6	118.9	118.9	113.6	66.1
87.5°	68.7	66.1	68.7	66.1	66.1	63.4	63.4	63.4	60.8	58.1	37.0
90°	23.6	23.6	23.6	23.6	23.6	31.4	41.9	47.1	40.5	27.3	17.4
92.5°	94.4	75.6	94.4	113.1	117.8	167.0	232.6	265.4	233.0	168.3	119.7
95°	329.0	272.2	329.0	385.7	399.9	525.1	692.1	775.6	655.0	413.9	233.1
97.5°	788.1	680.1	788.1	896.2	923.2	1002.3	1107.8	1160.6	959.6	557.6	256.1
100°	1135.6	1006.9	1135.6	1264.2	1296.4	1290.6	1282.9	1279.0	1056.0	609.9	275.3
102.5°	1477.3	1367.1	1477.3	1587.5	1615.1	1514.2	1379.7	1312.5	1086.3	633.8	294.5
105°	1912.9	1853.7	1912.9	1972.2	1987.0	1760.9	1459.5	1308.8	1089.7	651.6	323.0
107.5°	2198.4	2212.7	2198.4	2184.1	2180.5	1865.1	1444.6	1234.4	1041.2	654.9	365.2
110°	2307.3	2369.0	2307.3	2245.5	2230.1	1877.5	1407.4	1172.4	998.2	649.9	388.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2316.9	2411.7	2316.9	2222.2	2198.5	1837.7	1356.6	1116.0	960.7	650.1	417.2
115°	2255.5	2386.9	2255.5	2124.1	2091.2	1743.6	1280.1	1048.4	917.6	656.1	460.0
117.5°	2125.2	2271.0	2125.2	1979.4	1943.0	1629.3	1211.0	1001.9	890.7	668.4	501.6
120°	2020.3	2161.9	2020.3	1878.6	1843.2	1556.6	1174.4	983.3	881.6	678.2	525.7
122.5°	1918.0	2057.7	1918.0	1778.3	1743.4	1485.3	1141.1	969.0	876.8	692.5	554.3
125°	1772.2	1900.9	1772.2	1643.5	1611.3	1392.0	1099.7	953.5	872.9	711.7	590.8
127.5°	1641.0	1749.6	1641.0	1532.4	1505.3	1317.0	1066.0	940.5	870.7	731.0	626.2
130°	1563.7	1664.0	1563.7	1463.5	1438.4	1270.8	1047.3	935.6	872.1	745.0	649.7
132.5°	1493.6	1583.4	1493.6	1403.8	1381.3	1231.3	1031.2	931.2	872.9	756.4	669.0
135°	1397.5	1474.9	1397.5	1320.1	1300.7	1175.1	1007.6	923.8	872.1	768.8	691.3
137.5°	1320.4	1383.8	1320.4	1257.0	1241.2	1135.0	993.3	922.5	877.5	787.4	719.8
140°	1267.6	1326.8	1267.6	1208.3	1193.5	1101.7	979.4	918.2	878.4	798.7	739.0
142.5°	1223.7	1274.7	1223.7	1172.7	1160.0	1079.4	971.9	918.2	881.6	808.3	753.3
145°	1158.0	1196.6	1158.0	1119.4	1109.8	1043.9	956.0	912.0	881.6	820.7	775.0
147.5°	1107.5	1139.5	1107.5	1075.6	1067.6	1015.7	946.6	912.0	887.6	838.9	802.3
150°	1075.8	1101.7	1075.8	1049.9	1043.4	999.6	941.2	912.0	890.8	848.3	816.5
152.5°	1048.6	1068.2	1048.6	1029.1	1024.2	986.8	936.9	912.0	892.8	854.5	825.8
155°	1017.5	1030.4	1017.5	1004.5	1001.3	971.5	931.8	912.0	897.4	868.2	846.3
157.5°	992.8	1001.9	992.8	983.7	981.4	958.3	927.4	912.0	901.9	881.8	866.7
160°	978.1	983.3	978.1	972.8	971.5	951.7	925.2	912.0	904.0	888.0	876.0
162.5°	968.4	973.4	968.4	963.4	962.2	945.5	923.2	912.0	906.2	894.7	886.0
165°	954.5	959.7	954.5	949.3	948.0	936.0	920.0	912.0	909.4	904.1	900.2
167.5°	944.5	946.7	944.5	942.3	941.8	933.9	923.4	918.2	916.0	911.6	908.3
170°	941.8	941.8	941.8	941.8	941.8	933.9	923.4	918.2	918.1	917.8	917.6
172.5°	934.4	932.5	934.4	936.3	936.8	930.6	922.3	918.2	918.2	918.2	918.2
175°	930.0	930.0	930.0	930.0	930.0	926.1	920.8	918.2	919.4	921.9	923.8
177.5°	926.0	923.8	926.0	928.2	928.7	925.6	921.5	919.4	920.4	922.3	923.8
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934816

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1
2.5°	2832.7	2816.9	2816.9	2790.5	2779.9	2772.0	2758.7	2719.1	2708.5	2698.0	2713.8
5°	2856.5	2827.4	2806.3	2758.7	2719.1	2703.2	2653.0	2557.9	2494.5	2446.9	2420.5
7.5°	2861.8	2824.8	2785.2	2711.2	2616.0	2573.8	2420.5	2246.1	2198.5	2156.3	2129.8
10°	2856.5	2814.2	2758.7	2647.8	2423.1	2349.2	2195.9	2082.3	2053.2	2045.3	2053.2
12.5°	2838.0	2798.4	2721.7	2536.8	2222.3	2172.1	2082.3	2016.2	2010.9	2024.1	2095.5
15°	2806.3	2769.3	2679.5	2388.8	2111.3	2074.3	2010.9	1987.1	2016.2	2108.7	2322.7
17.5°	2774.6	2732.3	2621.3	2243.5	2026.8	2000.4	1955.4	2003.0	2166.8	2291.0	2362.4
20°	2732.3	2682.1	2555.3	2137.8	1966.0	1942.2	1921.1	2135.1	2259.3	2304.2	2343.9
22.5°	2682.1	2629.3	2465.4	2063.8	1902.6	1884.1	1897.3	2209.1	2259.3	2291.0	2325.4
25°	2616.0	2571.1	2359.7	2005.6	1852.4	1831.2	1881.4	2201.2	2230.2	2238.2	2306.9
27.5°	2555.3	2497.1	2248.7	1952.8	1791.6	1783.7	1894.7	2166.8	2188.0	2195.9	2269.9
30°	2481.3	2394.1	2124.5	1897.3	1728.2	1725.5	1897.3	2124.5	2119.3	2140.4	2214.4
32.5°	2404.7	2240.8	1984.5	1828.6	1667.4	1664.8	1878.8	2061.1	2055.8	2084.9	2140.4
35°	2333.3	2121.9	1794.2	1749.3	1590.8	1593.4	1833.9	1987.1	1989.8	2016.2	2050.6
37.5°	2259.3	2018.8	1585.5	1662.1	1516.8	1516.8	1773.1	1918.4	1913.2	1921.1	1968.6
40°	2172.1	1857.7	1400.5	1548.5	1448.1	1440.1	1699.1	1844.4	1825.9	1823.3	1889.4
42.5°	2079.6	1680.6	1263.1	1397.9	1368.8	1358.2	1609.3	1754.6	1720.2	1728.2	1812.7
45°	1979.2	1633.0	1157.4	1181.2	1286.9	1279.0	1511.5	1651.5	1627.8	1648.9	1736.1
47.5°	1878.8	1537.9	1123.1	980.4	1199.7	1197.0	1403.2	1551.1	1537.9	1559.1	1651.5
50°	1741.4	1432.2	1120.4	840.3	1101.9	1112.5	1273.7	1453.4	1453.4	1471.9	1569.6
52.5°	1564.3	1302.7	1017.4	761.0	988.3	1020.0	1160.0	1368.8	1374.1	1392.6	1479.8
55°	1403.2	1168.0	943.4	700.3	853.5	922.2	1049.1	1281.6	1292.2	1310.7	1389.9
57.5°	1255.2	972.4	927.5	628.9	729.3	795.4	951.3	1197.0	1202.3	1218.2	1294.8
60°	1096.6	702.9	850.9	552.3	621.0	671.2	861.4	1096.6	1115.1	1125.7	1191.8
62.5°	916.9	510.0	771.6	499.4	568.1	578.7	787.5	1001.5	1025.3	1033.2	1072.8
65°	652.7	428.1	655.3	454.5	512.6	515.3	708.2	903.7	924.9	938.1	967.1
67.5°	441.3	348.8	499.4	412.2	470.4	473.0	631.6	790.1	819.2	829.7	848.2
70°	306.5	232.5	369.9	367.3	422.8	428.1	549.6	687.0	713.5	721.4	732.0
72.5°	224.6	187.6	306.5	330.3	372.6	377.9	465.1	570.8	597.2	605.1	610.4
75°	171.8	198.2	248.4	288.0	317.1	319.7	380.5	465.1	483.6	488.9	491.5
77.5°	137.4	185.0	182.3	232.5	259.0	253.7	298.6	359.4	375.2	375.2	375.2
80°	103.1	145.3	137.4	166.5	190.3	185.0	214.0	256.3	261.6	266.9	264.2
82.5°	76.6	92.5	92.5	105.7	126.8	121.6	142.7	166.5	166.5	166.5	171.8
85°	47.6	52.8	42.3	55.5	71.3	68.7	79.3	89.8	92.5	92.5	87.2
87.5°	29.1	23.8	13.2	21.1	31.7	31.7	37.0	39.6	37.0	37.0	37.0
90°	16.2	11.2	6.2	11.2	16.2	17.4	27.3	40.5	47.1	41.9	31.4
92.5°	109.2	67.0	24.8	67.0	109.2	119.7	168.3	233.0	265.4	232.6	167.0
95°	213.8	136.7	59.5	136.7	213.8	233.1	413.9	655.0	775.6	692.1	525.1
97.5°	239.1	171.0	102.9	171.0	239.1	256.1	557.6	959.6	1160.6	1107.8	1002.3
100°	259.9	198.1	136.4	198.1	259.9	275.3	609.9	1056.0	1279.0	1282.9	1290.6
102.5°	280.1	222.5	164.9	222.5	280.1	294.5	633.8	1086.3	1312.5	1379.7	1514.2
105°	310.8	262.1	213.3	262.1	310.8	323.0	651.6	1089.7	1308.8	1459.5	1760.9
107.5°	353.8	308.4	262.9	308.4	353.8	365.2	654.9	1041.2	1234.4	1444.6	1865.1
110°	378.4	337.4	296.4	337.4	378.4	388.7	649.9	998.2	1172.4	1407.4	1877.5



TEST NUMBER: P934816

CATALOG NUMBER: SQ4-FA-075U-100D-835-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	407.4	368.3	329.2	368.3	407.4	417.2	650.1	960.7	1116.0	1356.6	1837.7
115°	451.0	414.9	378.8	414.9	451.0	460.0	656.1	917.6	1048.4	1280.1	1743.6
117.5°	493.4	460.6	427.8	460.6	493.4	501.6	668.4	890.7	1001.9	1211.0	1629.3
120°	518.0	487.1	456.3	487.1	518.0	525.7	678.2	881.6	983.3	1174.4	1556.6
122.5°	546.5	515.4	484.2	515.4	546.5	554.3	692.5	876.8	969.0	1141.1	1485.3
125°	583.7	555.4	527.0	555.4	583.7	590.8	711.7	872.9	953.5	1099.7	1392.0
127.5°	619.0	590.4	561.7	590.4	619.0	626.2	731.0	870.7	940.5	1066.0	1317.0
130°	642.0	611.1	580.3	611.1	642.0	649.7	745.0	872.1	935.6	1047.3	1270.8
132.5°	661.3	630.4	599.5	630.4	661.3	669.0	756.4	872.9	931.2	1031.2	1231.3
135°	684.3	656.1	628.0	656.1	684.3	691.3	768.8	872.1	923.8	1007.6	1175.1
137.5°	712.8	685.0	657.2	685.0	712.8	719.8	787.4	877.5	922.5	993.3	1135.0
140°	732.6	707.0	681.4	707.0	732.6	739.0	798.7	878.4	918.2	979.4	1101.7
142.5°	747.4	723.7	700.0	723.7	747.4	753.3	808.3	881.6	918.2	971.9	1079.4
145°	769.8	749.2	728.5	749.2	769.8	775.0	820.7	881.6	912.0	956.0	1043.9
147.5°	797.3	777.1	757.0	777.1	797.3	802.3	838.9	887.6	912.0	946.6	1015.7
150°	812.0	793.8	775.6	793.8	812.0	816.5	848.3	890.8	912.0	941.2	999.6
152.5°	822.4	808.6	794.8	808.6	822.4	825.8	854.5	892.8	912.0	936.9	986.8
155°	843.7	833.5	823.3	833.5	843.7	846.3	868.2	897.4	912.0	931.8	971.5
157.5°	864.2	854.3	844.4	854.3	864.2	866.7	881.8	901.9	912.0	927.4	958.3
160°	874.1	866.4	858.7	866.4	874.1	876.0	888.0	904.0	912.0	925.2	951.7
162.5°	884.5	878.7	872.9	878.7	884.5	886.0	894.7	906.2	912.0	923.2	945.5
165°	898.9	893.6	888.4	893.6	898.9	900.2	904.1	909.4	912.0	920.0	936.0
167.5°	907.7	905.2	902.7	905.2	907.7	908.3	911.6	916.0	918.2	923.4	933.9
170°	917.0	914.5	912.0	914.5	917.0	917.6	917.8	918.1	918.2	923.4	933.9
172.5°	918.1	917.5	917.0	917.5	918.1	918.2	918.2	918.2	918.2	922.3	930.6
175°	923.8	923.8	923.8	923.8	923.8	923.8	921.9	919.4	918.2	920.8	926.1
177.5°	923.8	923.8	923.8	923.8	923.8	923.8	922.3	920.4	919.4	921.5	925.6
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



TEST NUMBER: P934816
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1	2793.1
2.5°	2695.3	2687.4	2698.0	2668.9	2698.0	2687.4	2695.3	2713.8	2698.0	2708.5	2719.1
5°	2365.0	2351.8	2309.5	2275.2	2309.5	2351.8	2365.0	2420.5	2446.9	2494.5	2557.9
7.5°	2114.0	2103.4	2092.8	2071.7	2092.8	2103.4	2114.0	2129.8	2156.3	2198.5	2246.1
10°	2058.5	2061.1	2077.0	2074.3	2077.0	2061.1	2058.5	2053.2	2045.3	2053.2	2082.3
12.5°	2201.2	2225.0	2312.2	2306.9	2312.2	2225.0	2201.2	2095.5	2024.1	2010.9	2016.2
15°	2365.0	2372.9	2391.4	2394.1	2391.4	2372.9	2365.0	2322.7	2108.7	2016.2	1987.1
17.5°	2380.9	2383.5	2396.7	2396.7	2396.7	2383.5	2380.9	2362.4	2291.0	2166.8	2003.0
20°	2367.7	2372.9	2399.4	2404.7	2399.4	2372.9	2367.7	2343.9	2304.2	2259.3	2135.1
22.5°	2362.4	2372.9	2394.1	2391.4	2394.1	2372.9	2362.4	2325.4	2291.0	2259.3	2209.1
25°	2335.9	2335.9	2338.6	2341.2	2338.6	2335.9	2335.9	2306.9	2238.2	2230.2	2201.2
27.5°	2280.5	2285.7	2301.6	2299.0	2301.6	2285.7	2280.5	2269.9	2195.9	2188.0	2166.8
30°	2230.2	2225.0	2211.7	2201.2	2211.7	2225.0	2230.2	2214.4	2140.4	2119.3	2124.5
32.5°	2145.7	2132.5	2119.3	2111.3	2119.3	2132.5	2145.7	2140.4	2084.9	2055.8	2061.1
35°	2045.3	2047.9	2045.3	2037.3	2045.3	2047.9	2045.3	2050.6	2016.2	1989.8	1987.1
37.5°	1973.9	1979.2	1976.6	1966.0	1976.6	1979.2	1973.9	1968.6	1921.1	1913.2	1918.4
40°	1899.9	1902.6	1899.9	1892.0	1899.9	1902.6	1899.9	1889.4	1823.3	1825.9	1844.4
42.5°	1828.6	1825.9	1818.0	1812.7	1818.0	1825.9	1828.6	1812.7	1728.2	1720.2	1754.6
45°	1746.7	1749.3	1733.5	1725.5	1733.5	1749.3	1746.7	1736.1	1648.9	1627.8	1651.5
47.5°	1664.8	1664.8	1651.5	1643.6	1651.5	1664.8	1664.8	1651.5	1559.1	1537.9	1551.1
50°	1577.6	1574.9	1556.4	1553.8	1556.4	1574.9	1577.6	1569.6	1471.9	1453.4	1453.4
52.5°	1477.1	1477.1	1479.8	1485.1	1479.8	1477.1	1477.1	1479.8	1392.6	1374.1	1368.8
55°	1389.9	1392.6	1411.1	1416.4	1411.1	1392.6	1389.9	1389.9	1310.7	1292.2	1281.6
57.5°	1300.1	1300.1	1313.3	1313.3	1313.3	1300.1	1300.1	1294.8	1218.2	1202.3	1197.0
60°	1197.0	1202.3	1212.9	1210.3	1212.9	1202.3	1197.0	1191.8	1125.7	1115.1	1096.6
62.5°	1088.7	1094.0	1096.6	1091.3	1096.6	1094.0	1088.7	1072.8	1033.2	1025.3	1001.5
65°	975.1	980.4	983.0	977.7	983.0	980.4	975.1	967.1	938.1	924.9	903.7
67.5°	858.8	856.2	853.5	864.1	853.5	856.2	858.8	848.2	829.7	819.2	790.1
70°	739.9	739.9	737.2	742.5	737.2	739.9	739.9	732.0	721.4	713.5	687.0
72.5°	613.1	610.4	621.0	613.1	621.0	610.4	613.1	610.4	605.1	597.2	570.8
75°	488.9	494.1	488.9	496.8	488.9	494.1	488.9	491.5	488.9	483.6	465.1
77.5°	372.6	377.9	372.6	372.6	372.6	377.9	372.6	375.2	375.2	375.2	359.4
80°	264.2	261.6	261.6	259.0	261.6	261.6	264.2	264.2	266.9	261.6	256.3
82.5°	169.1	166.5	166.5	171.8	166.5	166.5	169.1	171.8	166.5	166.5	166.5
85°	92.5	95.1	89.8	89.8	89.8	95.1	92.5	87.2	92.5	92.5	89.8
87.5°	34.4	31.7	31.7	31.7	31.7	31.7	34.4	37.0	37.0	37.0	39.6
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.4	41.9	47.1	40.5
92.5°	117.8	113.1	94.4	75.6	94.4	113.1	117.8	167.0	232.6	265.4	233.0
95°	399.9	385.7	329.0	272.2	329.0	385.7	399.9	525.1	692.1	775.6	655.0
97.5°	923.2	896.2	788.1	680.1	788.1	896.2	923.2	1002.3	1107.8	1160.6	959.6
100°	1296.4	1264.2	1135.6	1006.9	1135.6	1264.2	1296.4	1290.6	1282.9	1279.0	1056.0
102.5°	1615.1	1587.5	1477.3	1367.1	1477.3	1587.5	1615.1	1514.2	1379.7	1312.5	1086.3
105°	1987.0	1972.2	1912.9	1853.7	1912.9	1972.2	1987.0	1760.9	1459.5	1308.8	1089.7
107.5°	2180.5	2184.1	2198.4	2212.7	2198.4	2184.1	2180.5	1865.1	1444.6	1234.4	1041.2
110°	2230.1	2245.5	2307.3	2369.0	2307.3	2245.5	2230.1	1877.5	1407.4	1172.4	998.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2198.5	2222.2	2316.9	2411.7	2316.9	2222.2	2198.5	1837.7	1356.6	1116.0	960.7
115°	2091.2	2124.1	2255.5	2386.9	2255.5	2124.1	2091.2	1743.6	1280.1	1048.4	917.6
117.5°	1943.0	1979.4	2125.2	2271.0	2125.2	1979.4	1943.0	1629.3	1211.0	1001.9	890.7
120°	1843.2	1878.6	2020.3	2161.9	2020.3	1878.6	1843.2	1556.6	1174.4	983.3	881.6
122.5°	1743.4	1778.3	1918.0	2057.7	1918.0	1778.3	1743.4	1485.3	1141.1	969.0	876.8
125°	1611.3	1643.5	1772.2	1900.9	1772.2	1643.5	1611.3	1392.0	1099.7	953.5	872.9
127.5°	1505.3	1532.4	1641.0	1749.6	1641.0	1532.4	1505.3	1317.0	1066.0	940.5	870.7
130°	1438.4	1463.5	1563.7	1664.0	1563.7	1463.5	1438.4	1270.8	1047.3	935.6	872.1
132.5°	1381.3	1403.8	1493.6	1583.4	1493.6	1403.8	1381.3	1231.3	1031.2	931.2	872.9
135°	1300.7	1320.1	1397.5	1474.9	1397.5	1320.1	1300.7	1175.1	1007.6	923.8	872.1
137.5°	1241.2	1257.0	1320.4	1383.8	1320.4	1257.0	1241.2	1135.0	993.3	922.5	877.5
140°	1193.5	1208.3	1267.6	1326.8	1267.6	1208.3	1193.5	1101.7	979.4	918.2	878.4
142.5°	1160.0	1172.7	1223.7	1274.7	1223.7	1172.7	1160.0	1079.4	971.9	918.2	881.6
145°	1109.8	1119.4	1158.0	1196.6	1158.0	1119.4	1109.8	1043.9	956.0	912.0	881.6
147.5°	1067.6	1075.6	1107.5	1139.5	1107.5	1075.6	1067.6	1015.7	946.6	912.0	887.6
150°	1043.4	1049.9	1075.8	1101.7	1075.8	1049.9	1043.4	999.6	941.2	912.0	890.8
152.5°	1024.2	1029.1	1048.6	1068.2	1048.6	1029.1	1024.2	986.8	936.9	912.0	892.8
155°	1001.3	1004.5	1017.5	1030.4	1017.5	1004.5	1001.3	971.5	931.8	912.0	897.4
157.5°	981.4	983.7	992.8	1001.9	992.8	983.7	981.4	958.3	927.4	912.0	901.9
160°	971.5	972.8	978.1	983.3	978.1	972.8	971.5	951.7	925.2	912.0	904.0
162.5°	962.2	963.4	968.4	973.4	968.4	963.4	962.2	945.5	923.2	912.0	906.2
165°	948.0	949.3	954.5	959.7	954.5	949.3	948.0	936.0	920.0	912.0	909.4
167.5°	941.8	942.3	944.5	946.7	944.5	942.3	941.8	933.9	923.4	918.2	916.0
170°	941.8	941.8	941.8	941.8	941.8	941.8	941.8	933.9	923.4	918.2	918.1
172.5°	936.8	936.3	934.4	932.5	934.4	936.3	936.8	930.6	922.3	918.2	918.2
175°	930.0	930.0	930.0	930.0	930.0	930.0	930.0	926.1	920.8	918.2	919.4
177.5°	928.7	928.2	926.0	923.8	926.0	928.2	928.7	925.6	921.5	919.4	920.4
180°	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8	923.8



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2793.1	2793.1	2793.1	2793.1	2793.1
2.5°	2758.7	2772.0	2779.9	2790.5	2816.9
5°	2653.0	2703.2	2719.1	2758.7	2806.3
7.5°	2420.5	2573.8	2616.0	2711.2	2785.2
10°	2195.9	2349.2	2423.1	2647.8	2758.7
12.5°	2082.3	2172.1	2222.3	2536.8	2721.7
15°	2010.9	2074.3	2111.3	2388.8	2679.5
17.5°	1955.4	2000.4	2026.8	2243.5	2621.3
20°	1921.1	1942.2	1966.0	2137.8	2555.3
22.5°	1897.3	1884.1	1902.6	2063.8	2465.4
25°	1881.4	1831.2	1852.4	2005.6	2359.7
27.5°	1894.7	1783.7	1791.6	1952.8	2248.7
30°	1897.3	1725.5	1728.2	1897.3	2124.5
32.5°	1878.8	1664.8	1667.4	1828.6	1984.5
35°	1833.9	1593.4	1590.8	1749.3	1794.2
37.5°	1773.1	1516.8	1516.8	1662.1	1585.5
40°	1699.1	1440.1	1448.1	1548.5	1400.5
42.5°	1609.3	1358.2	1368.8	1397.9	1263.1
45°	1511.5	1279.0	1286.9	1181.2	1157.4
47.5°	1403.2	1197.0	1199.7	980.4	1123.1
50°	1273.7	1112.5	1101.9	840.3	1120.4
52.5°	1160.0	1020.0	988.3	761.0	1017.4
55°	1049.1	922.2	853.5	700.3	943.4
57.5°	951.3	795.4	729.3	628.9	927.5
60°	861.4	671.2	621.0	552.3	850.9
62.5°	787.5	578.7	568.1	499.4	771.6
65°	708.2	515.3	512.6	454.5	655.3
67.5°	631.6	473.0	470.4	412.2	499.4
70°	549.6	428.1	422.8	367.3	369.9
72.5°	465.1	377.9	372.6	330.3	306.5
75°	380.5	319.7	317.1	288.0	248.4
77.5°	298.6	253.7	259.0	232.5	182.3
80°	214.0	185.0	190.3	166.5	137.4
82.5°	142.7	121.6	126.8	105.7	92.5
85°	79.3	68.7	71.3	55.5	42.3
87.5°	37.0	31.7	31.7	21.1	13.2
90°	27.3	17.4	16.2	11.2	6.2
92.5°	168.3	119.7	109.2	67.0	24.8
95°	413.9	233.1	213.8	136.7	59.5
97.5°	557.6	256.1	239.1	171.0	102.9
100°	609.9	275.3	259.9	198.1	136.4
102.5°	633.8	294.5	280.1	222.5	164.9
105°	651.6	323.0	310.8	262.1	213.3
107.5°	654.9	365.2	353.8	308.4	262.9
110°	649.9	388.7	378.4	337.4	296.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	650.1	417.2	407.4	368.3	329.2
115°	656.1	460.0	451.0	414.9	378.8
117.5°	668.4	501.6	493.4	460.6	427.8
120°	678.2	525.7	518.0	487.1	456.3
122.5°	692.5	554.3	546.5	515.4	484.2
125°	711.7	590.8	583.7	555.4	527.0
127.5°	731.0	626.2	619.0	590.4	561.7
130°	745.0	649.7	642.0	611.1	580.3
132.5°	756.4	669.0	661.3	630.4	599.5
135°	768.8	691.3	684.3	656.1	628.0
137.5°	787.4	719.8	712.8	685.0	657.2
140°	798.7	739.0	732.6	707.0	681.4
142.5°	808.3	753.3	747.4	723.7	700.0
145°	820.7	775.0	769.8	749.2	728.5
147.5°	838.9	802.3	797.3	777.1	757.0
150°	848.3	816.5	812.0	793.8	775.6
152.5°	854.5	825.8	822.4	808.6	794.8
155°	868.2	846.3	843.7	833.5	823.3
157.5°	881.8	866.7	864.2	854.3	844.4
160°	888.0	876.0	874.1	866.4	858.7
162.5°	894.7	886.0	884.5	878.7	872.9
165°	904.1	900.2	898.9	893.6	888.4
167.5°	911.6	908.3	907.7	905.2	902.7
170°	917.8	917.6	917.0	914.5	912.0
172.5°	918.2	918.2	918.1	917.5	917.0
175°	921.9	923.8	923.8	923.8	923.8
177.5°	922.3	923.8	923.8	923.8	923.8
180°	923.8	923.8	923.8	923.8	923.8



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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	14.14	15.04	15.05	15.98	17.18	16.97	17.88	17.89	18.81	20.01
	3H	14.62	15.43	15.54	16.37	17.60	18.32	19.14	19.25	20.08	21.31
	4H	14.81	15.58	15.75	16.53	17.76	18.77	19.54	19.71	20.49	21.72
	6H	14.93	15.64	15.88	16.59	17.84	19.06	19.77	20.02	20.72	21.97
	8H	14.93	15.61	15.89	16.58	17.82	19.14	19.81	20.10	20.78	22.03
	12H	14.91	15.55	15.87	16.51	17.78	19.18	19.82	20.15	20.79	22.06
4H	2H	15.18	15.94	16.12	16.89	18.13	17.39	18.16	18.34	19.10	20.34
	3H	16.21	16.85	17.16	17.83	19.07	18.90	19.54	19.86	20.52	21.77
	4H	16.49	17.07	17.45	18.04	19.32	19.43	20.02	20.40	20.99	22.26
	6H	16.61	17.12	17.59	18.11	19.38	19.80	20.30	20.78	21.30	22.57
	8H	16.62	17.09	17.60	18.08	19.37	19.91	20.38	20.89	21.37	22.66
	12H	16.59	17.01	17.59	18.02	19.31	19.97	20.39	20.97	21.40	22.69
8H	4H	16.94	17.41	17.93	18.40	19.69	19.56	20.03	20.54	21.02	22.31
	6H	17.21	17.60	18.21	18.63	19.91	20.00	20.39	21.01	21.42	22.71
	8H	17.25	17.59	18.27	18.61	19.91	20.15	20.50	21.17	21.52	22.82
	12H	17.24	17.54	18.25	18.55	19.90	20.26	20.56	21.27	21.57	22.92
12H	4H	16.95	17.38	17.95	18.38	19.67	19.53	19.95	20.53	20.96	22.25
	6H	17.27	17.61	18.28	18.63	19.93	20.00	20.34	21.01	21.36	22.66
	8H	17.34	17.64	18.36	18.65	20.00	20.16	20.46	21.18	21.48	22.83