

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: P935554

Luminaire Tested: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935554
REPORT IS A COMBINATION OF REPORTS P933757 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

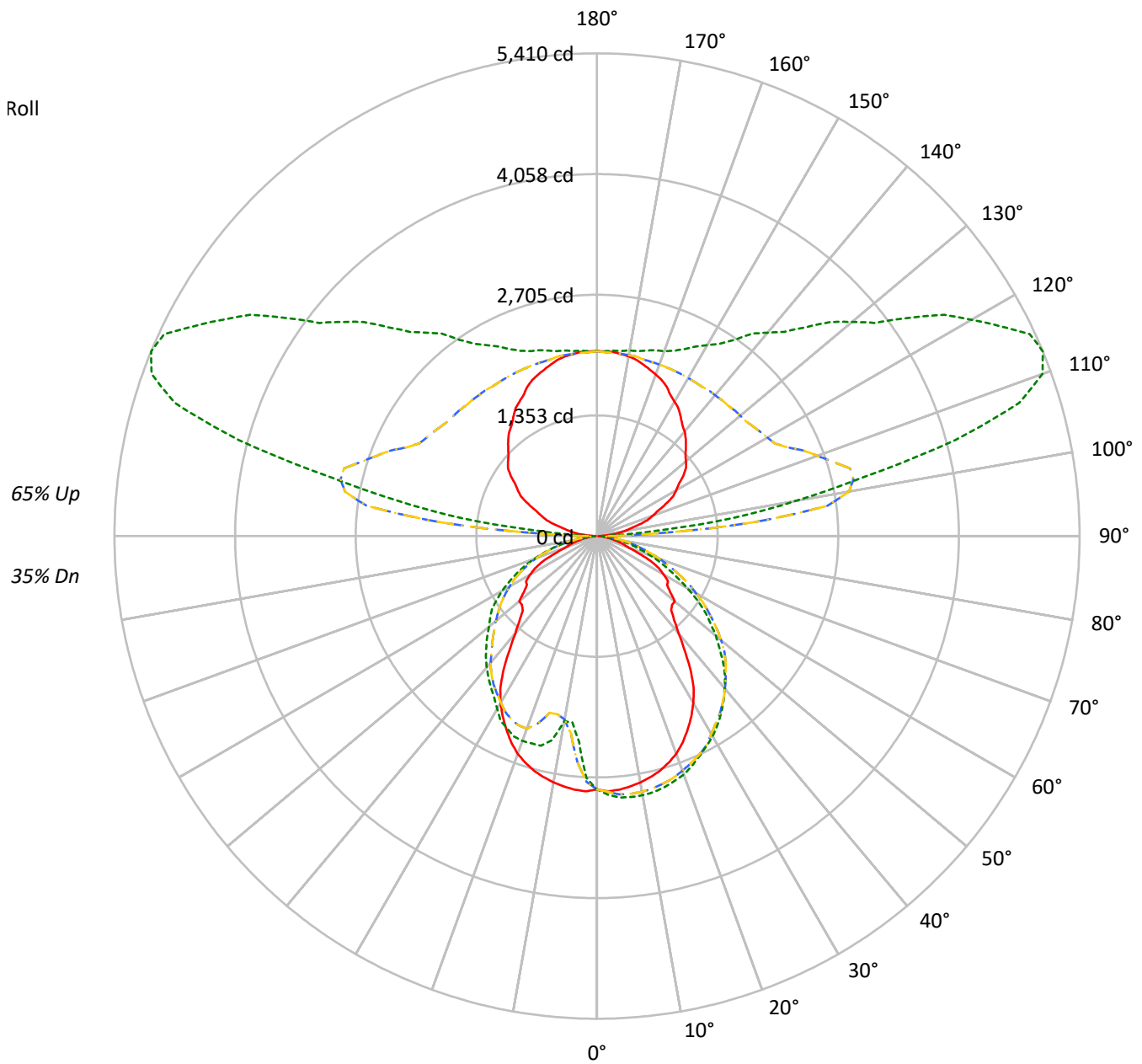
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20801.6 lumens
Efficiency: N/A
Efficacy: 124.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 166.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8782	8782	8782	8782
5°	8851	8865	8851	6970
10°	8794	8732	8794	6243
15°	8702	8543	8702	7133
20°	8524	8319	8524	7148
25°	8154	7992	8154	6997
30°	7676	7720	7676	6664
35°	6847	7377	6847	6299
40°	5708	6973	5708	6022
45°	5103	6500	5103	5705
50°	5426	5936	5426	5386
55°	5110	5328	5110	5202
60°	5274	4525	5274	4765
65°	4789	3740	4789	4181
70°	3324	2981	3324	3505
75°	2927	2204	2927	2639
80°	2376	1457	2376	1586
85°	1393	771	1393	656

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7817 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	256.3	1.2
10°-20°	727.6	3.5
20°-30°	1124.8	5.4
30°-40°	1342.8	6.5
40°-50°	1350.6	6.5
50°-60°	1175.2	5.6
60°-70°	833.2	4.0
70°-80°	440.8	2.1
80°-90°	117.7	0.6
90°-100°	1010.0	4.9
100°-110°	2655.4	12.8
110°-120°	2753.4	13.2
120°-130°	2208.6	10.6
130°-140°	1733.0	8.3
140°-150°	1330.1	6.4
150°-160°	957.9	4.6
160°-170°	586.1	2.8
170°-180°	198.0	1.0
0°-30°	2108.7	10.1
0°-40°	3451.5	16.6
0°-60°	5977.3	28.7
0°-90°	7369.1	35.4
90°-120°	6418.9	30.9
90°-150°	11690.5	56.2
90°-180°	13433.0	64.6
0°-180°	20801.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2839	2839	2839	2839	2839	
5°	2853	2941	2853	2313	2853	271
15°	2724	2914	2724	2434	2724	766
25°	2399	2718	2399	2380	2399	1101
35°	1824	2426	1824	2071	1824	1128
45°	1176	1998	1176	1754	1176	942
55°	959	1475	959	1440	959	881
65°	666	889	666	994	666	637
75°	252	422	252	505	252	265
85°	43	107	43	91	43	58
90°	14	53	14	53	14	13
95°	134	610	134	610	134	148
105°	478	4158	478	4158	478	507
115°	850	5354	850	5354	850	839
125°	1182	4264	1182	4264	1182	1049
135°	1409	3308	1409	3308	1409	1090
145°	1634	2684	1634	2684	1634	1024
155°	1847	2311	1847	2311	1847	849
165°	1993	2153	1993	2153	1993	562
175°	2072	2086	2072	2086	2072	197
180°	2072	2072	2072	2072	2072	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1
2.5°	2863.3	2863.3	2879.4	2884.8	2884.8	2876.7	2868.7	2876.7	2900.9	2909.0	2906.3
5°	2852.6	2874.0	2903.6	2909.0	2914.3	2911.6	2906.3	2911.6	2938.5	2943.9	2946.6
7.5°	2831.1	2871.4	2909.0	2917.0	2925.1	2917.0	2914.3	2919.7	2946.6	2951.9	2951.9
10°	2804.2	2860.6	2903.6	2909.0	2917.0	2909.0	2909.0	2919.7	2946.6	2951.9	2954.6
12.5°	2766.6	2844.5	2884.8	2890.2	2900.9	2898.2	2895.5	2906.3	2933.1	2938.5	2938.5
15°	2723.6	2815.0	2852.6	2857.9	2876.7	2871.4	2871.4	2882.1	2911.6	2919.7	2917.0
17.5°	2664.5	2777.3	2820.3	2828.4	2841.8	2839.1	2841.8	2852.6	2879.4	2884.8	2887.5
20°	2597.4	2726.3	2777.3	2785.4	2798.8	2798.8	2798.8	2812.3	2839.1	2849.9	2849.9
22.5°	2506.1	2672.6	2726.3	2731.7	2747.8	2747.8	2753.2	2772.0	2796.1	2798.8	2798.8
25°	2398.6	2613.5	2659.2	2675.3	2691.4	2699.5	2707.5	2718.3	2726.3	2723.6	2726.3
27.5°	2285.7	2538.3	2597.4	2608.1	2629.6	2637.7	2648.4	2651.1	2653.8	2661.9	2656.5
30°	2159.5	2433.5	2522.2	2532.9	2567.8	2573.2	2562.5	2567.8	2581.3	2586.6	2592.0
32.5°	2017.1	2277.7	2444.3	2468.5	2500.7	2484.6	2481.9	2490.0	2511.4	2511.4	2516.8
35°	1823.8	2156.8	2371.8	2393.3	2417.4	2398.6	2409.4	2412.1	2425.5	2433.5	2430.9
37.5°	1611.6	2052.1	2296.5	2312.6	2331.4	2307.2	2323.3	2331.4	2342.1	2336.8	2336.8
40°	1423.5	1888.2	2207.8	2218.6	2234.7	2215.9	2232.0	2237.4	2242.8	2237.4	2234.7
42.5°	1283.9	1708.3	2113.8	2127.3	2116.5	2129.9	2135.3	2146.1	2138.0	2127.3	2127.3
45°	1176.4	1659.9	2011.8	2027.9	2011.8	2033.3	2041.3	2041.3	2017.1	2011.8	2009.1
47.5°	1141.5	1563.2	1909.7	1909.7	1901.6	1928.5	1941.9	1923.1	1899.0	1890.9	1890.9
50°	1138.8	1455.8	1770.0	1759.3	1796.9	1829.1	1815.7	1796.9	1778.1	1748.5	1748.5
52.5°	1034.1	1324.2	1590.1	1630.4	1689.5	1708.3	1686.8	1668.0	1635.7	1622.3	1611.6
55°	958.9	1187.2	1426.2	1506.8	1568.6	1592.8	1552.5	1533.7	1485.3	1477.3	1471.9
57.5°	942.8	988.4	1275.8	1377.9	1453.1	1450.4	1426.2	1391.3	1351.0	1343.0	1340.3
60°	864.9	714.5	1114.7	1235.5	1313.4	1305.4	1283.9	1251.6	1214.0	1208.7	1203.3
62.5°	784.3	518.4	932.0	1069.0	1179.1	1176.4	1157.6	1109.3	1082.4	1069.0	1058.3
65°	666.1	435.1	663.4	889.0	1047.5	1052.9	1012.6	977.7	948.1	932.0	929.3
67.5°	507.6	354.5	448.6	741.3	921.3	915.9	864.9	848.8	811.2	803.1	787.0
70°	376.0	236.4	311.6	601.6	797.7	784.3	744.0	725.2	690.3	671.5	660.7
72.5°	311.6	190.7	228.3	467.4	671.5	655.4	620.5	599.0	569.4	553.3	542.6
75°	252.5	201.4	174.6	346.5	545.2	534.5	502.3	480.8	456.6	435.1	437.8
77.5°	185.3	188.0	139.7	255.2	432.4	416.3	397.5	370.7	359.9	338.4	338.4
80°	139.7	147.7	104.8	174.6	311.6	311.6	295.5	276.7	257.8	247.1	247.1
82.5°	94.0	94.0	77.9	110.1	212.2	204.1	193.4	188.0	177.3	171.9	171.9
85°	43.0	53.7	48.3	67.1	115.5	120.9	120.9	115.5	112.8	107.4	110.1
87.5°	13.4	24.2	29.5	37.6	59.1	61.8	64.5	64.5	64.5	67.1	67.1
90°	13.9	25.0	36.2	38.9	61.1	90.8	105.6	93.9	70.5	52.8	52.8
92.5°	55.6	150.1	244.8	268.4	377.4	522.6	595.2	521.6	374.5	264.2	253.7
95°	133.5	306.6	479.6	522.9	928.4	1469.3	1739.7	1552.4	1177.9	897.0	865.1
97.5°	230.8	383.5	536.2	574.3	1250.7	2152.4	2603.3	2484.9	2248.2	2070.7	2010.1
100°	305.9	444.4	582.8	617.5	1367.9	2368.6	2868.9	2877.6	2894.9	2907.9	2835.7
102.5°	369.9	499.1	628.2	660.6	1421.8	2436.6	2944.1	3094.8	3396.5	3622.7	3560.9
105°	478.4	587.8	697.2	724.6	1461.6	2444.3	2935.6	3273.7	3949.9	4457.0	4423.8
107.5°	589.7	691.6	793.6	819.1	1469.0	2335.6	2768.8	3240.4	4183.5	4890.9	4899.0
110°	664.8	756.8	848.9	871.9	1457.8	2239.1	2629.7	3157.0	4211.4	5002.2	5036.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	738.5	826.2	913.9	935.9	1458.3	2154.9	2503.2	3042.8	4121.9	4931.3	4984.5
115°	849.7	930.6	1011.6	1031.8	1471.8	2058.3	2351.6	2871.4	3911.0	4690.7	4764.4
117.5°	959.6	1033.1	1106.7	1125.0	1499.1	1997.9	2247.3	2716.5	3654.7	4358.3	4440.0
120°	1023.5	1092.7	1162.0	1179.3	1521.4	1977.6	2205.6	2634.3	3491.5	4134.5	4213.9
122.5°	1086.1	1155.9	1225.8	1243.2	1553.4	1966.9	2173.6	2559.6	3331.5	3910.5	3988.9
125°	1182.1	1245.7	1309.4	1325.3	1596.5	1958.0	2138.8	2466.7	3122.5	3614.3	3686.4
127.5°	1260.0	1324.3	1388.5	1404.6	1639.6	1952.9	2109.6	2391.1	2954.2	3376.5	3437.4
130°	1301.7	1370.9	1440.1	1457.4	1671.1	1956.1	2098.5	2349.1	2850.4	3226.3	3282.6
132.5°	1344.8	1414.0	1483.3	1500.5	1696.6	1958.0	2088.8	2313.1	2761.9	3098.4	3148.8
135°	1408.8	1471.8	1534.8	1550.6	1724.5	1956.3	2072.1	2260.0	2635.8	2917.6	2961.1
137.5°	1474.1	1536.5	1598.9	1614.5	1766.1	1968.3	2069.3	2228.2	2545.8	2784.1	2819.6
140°	1528.3	1585.8	1643.3	1657.7	1791.6	1970.2	2059.6	2196.7	2471.2	2677.0	2710.2
142.5°	1570.0	1623.2	1676.4	1689.6	1812.9	1977.4	2059.6	2180.1	2421.2	2602.0	2630.5
145°	1634.0	1680.4	1726.8	1738.3	1840.8	1977.4	2045.7	2144.3	2341.4	2489.2	2510.9
147.5°	1698.0	1743.1	1788.2	1799.5	1881.6	1991.0	2045.7	2123.2	2278.4	2394.7	2412.6
150°	1739.7	1780.5	1821.3	1831.5	1902.9	1998.1	2045.7	2111.2	2242.2	2340.4	2354.9
152.5°	1782.8	1813.7	1844.7	1852.4	1916.9	2002.7	2045.7	2101.7	2213.5	2297.4	2308.4
155°	1846.8	1869.7	1892.5	1898.2	1947.4	2012.9	2045.7	2090.2	2179.2	2245.9	2253.1
157.5°	1894.1	1916.3	1938.6	1944.2	1978.0	2023.1	2045.7	2080.3	2149.5	2201.4	2206.5
160°	1926.1	1943.4	1960.7	1965.0	1991.9	2027.8	2045.7	2075.3	2134.7	2179.2	2182.1
162.5°	1958.0	1971.0	1984.0	1987.2	2006.8	2032.7	2045.7	2070.8	2120.8	2158.3	2161.1
165°	1992.8	2004.5	2016.2	2019.2	2028.1	2039.8	2045.7	2063.6	2099.4	2126.3	2129.2
167.5°	2024.8	2030.4	2035.9	2037.3	2044.7	2054.7	2059.6	2071.3	2094.8	2112.4	2113.7
170°	2045.7	2051.2	2056.8	2058.1	2058.6	2059.2	2059.6	2071.3	2094.8	2112.4	2112.4
172.5°	2056.8	2058.1	2059.3	2059.6	2059.6	2059.6	2059.6	2068.9	2087.4	2101.3	2100.2
175°	2072.1	2072.1	2072.1	2072.1	2067.9	2062.4	2059.6	2065.5	2077.2	2086.0	2086.0
177.5°	2072.1	2072.1	2072.1	2072.1	2068.9	2064.5	2062.4	2067.0	2076.2	2083.2	2082.0
180°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1
2.5°	2911.6	2903.6	2911.6	2906.3	2909.0	2900.9	2876.7	2868.7	2876.7	2884.8	2884.8
5°	2946.6	2941.2	2946.6	2946.6	2943.9	2938.5	2911.6	2906.3	2911.6	2914.3	2909.0
7.5°	2957.3	2949.2	2957.3	2951.9	2951.9	2946.6	2919.7	2914.3	2917.0	2925.1	2917.0
10°	2957.3	2949.2	2957.3	2954.6	2951.9	2946.6	2919.7	2909.0	2909.0	2917.0	2909.0
12.5°	2943.9	2938.5	2943.9	2938.5	2938.5	2933.1	2906.3	2895.5	2898.2	2900.9	2890.2
15°	2922.4	2914.3	2922.4	2917.0	2919.7	2911.6	2882.1	2871.4	2871.4	2876.7	2857.9
17.5°	2890.2	2879.4	2890.2	2887.5	2884.8	2879.4	2852.6	2841.8	2839.1	2841.8	2828.4
20°	2852.6	2844.5	2852.6	2849.9	2849.9	2839.1	2812.3	2798.8	2798.8	2798.8	2785.4
22.5°	2793.5	2785.4	2793.5	2798.8	2798.8	2796.1	2772.0	2753.2	2747.8	2747.8	2731.7
25°	2726.3	2718.3	2726.3	2726.3	2723.6	2726.3	2718.3	2707.5	2699.5	2691.4	2675.3
27.5°	2661.9	2656.5	2661.9	2656.5	2661.9	2653.8	2651.1	2648.4	2637.7	2629.6	2608.1
30°	2597.4	2592.0	2597.4	2592.0	2586.6	2581.3	2567.8	2562.5	2573.2	2567.8	2532.9
32.5°	2516.8	2511.4	2516.8	2516.8	2511.4	2511.4	2490.0	2481.9	2484.6	2500.7	2468.5
35°	2433.5	2425.5	2433.5	2430.9	2433.5	2425.5	2412.1	2409.4	2398.6	2417.4	2393.3
37.5°	2336.8	2328.7	2336.8	2336.8	2336.8	2342.1	2331.4	2323.3	2307.2	2331.4	2312.6
40°	2237.4	2226.6	2237.4	2234.7	2237.4	2242.8	2237.4	2232.0	2215.9	2234.7	2218.6
42.5°	2124.6	2121.9	2124.6	2127.3	2127.3	2138.0	2146.1	2135.3	2129.9	2116.5	2127.3
45°	2003.7	1998.3	2003.7	2009.1	2011.8	2017.1	2041.3	2041.3	2033.3	2011.8	2027.9
47.5°	1874.8	1861.4	1874.8	1890.9	1890.9	1899.0	1923.1	1941.9	1928.5	1901.6	1909.7
50°	1737.8	1740.5	1737.8	1748.5	1748.5	1778.1	1796.9	1815.7	1829.1	1796.9	1759.3
52.5°	1603.5	1600.8	1603.5	1611.6	1622.3	1635.7	1668.0	1686.8	1708.3	1689.5	1630.4
55°	1469.2	1474.6	1469.2	1471.9	1477.3	1485.3	1533.7	1552.5	1592.8	1568.6	1506.8
57.5°	1334.9	1326.9	1334.9	1340.3	1343.0	1351.0	1391.3	1426.2	1450.4	1453.1	1377.9
60°	1179.1	1168.4	1179.1	1203.3	1208.7	1214.0	1251.6	1283.9	1305.4	1313.4	1235.5
62.5°	1042.1	1023.3	1042.1	1058.3	1069.0	1082.4	1109.3	1157.6	1176.4	1179.1	1069.0
65°	897.1	889.0	897.1	929.3	932.0	948.1	977.7	1012.6	1052.9	1047.5	889.0
67.5°	765.5	765.5	765.5	787.0	803.1	811.2	848.8	864.9	915.9	921.3	741.3
70°	644.6	641.9	644.6	660.7	671.5	690.3	725.2	744.0	784.3	797.7	601.6
72.5°	529.1	526.4	529.1	542.6	553.3	569.4	599.0	620.5	655.4	671.5	467.4
75°	427.1	421.7	427.1	437.8	435.1	456.6	480.8	502.3	534.5	545.2	346.5
77.5°	327.7	327.7	327.7	338.4	338.4	359.9	370.7	397.5	416.3	432.4	255.2
80°	244.4	241.7	244.4	247.1	247.1	257.8	276.7	295.5	311.6	311.6	174.6
82.5°	171.9	166.5	171.9	171.9	171.9	177.3	188.0	193.4	204.1	212.2	110.1
85°	107.4	107.4	107.4	110.1	107.4	112.8	115.5	120.9	120.9	115.5	67.1
87.5°	69.8	67.1	69.8	67.1	67.1	64.5	64.5	64.5	61.8	59.1	37.6
90°	52.8	52.8	52.8	52.8	52.8	70.5	93.9	105.6	90.8	61.1	38.9
92.5°	211.7	169.7	211.7	253.7	264.2	374.5	521.6	595.2	522.6	377.4	268.4
95°	737.8	610.5	737.8	865.1	897.0	1177.9	1552.4	1739.7	1469.3	928.4	522.9
97.5°	1767.8	1525.5	1767.8	2010.1	2070.7	2248.2	2484.9	2603.3	2152.4	1250.7	574.3
100°	2547.1	2258.4	2547.1	2835.7	2907.9	2894.9	2877.6	2868.9	2368.6	1367.9	617.5
102.5°	3313.6	3066.4	3313.6	3560.9	3622.7	3396.5	3094.8	2944.1	2436.6	1421.8	660.6
105°	4291.0	4158.1	4291.0	4423.8	4457.0	3949.9	3273.7	2935.6	2444.3	1461.6	724.6
107.5°	4931.1	4963.3	4931.1	4899.0	4890.9	4183.5	3240.4	2768.8	2335.6	1469.0	819.1
110°	5175.3	5313.7	5175.3	5036.8	5002.2	4211.4	3157.0	2629.7	2239.1	1457.8	871.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5197.0	5409.7	5197.0	4984.5	4931.3	4121.9	3042.8	2503.2	2154.9	1458.3	935.9
115°	5059.2	5354.1	5059.2	4764.4	4690.7	3911.0	2871.4	2351.6	2058.3	1471.8	1031.8
117.5°	4767.0	5094.0	4767.0	4440.0	4358.3	3654.7	2716.5	2247.3	1997.9	1499.1	1125.0
120°	4531.5	4849.2	4531.5	4213.9	4134.5	3491.5	2634.3	2205.6	1977.6	1521.4	1179.3
122.5°	4302.2	4615.6	4302.2	3988.9	3910.5	3331.5	2559.6	2173.6	1966.9	1553.4	1243.2
125°	3975.1	4263.7	3975.1	3686.4	3614.3	3122.5	2466.7	2138.8	1958.0	1596.5	1325.3
127.5°	3680.9	3924.4	3680.9	3437.4	3376.5	2954.2	2391.1	2109.6	1952.9	1639.6	1404.6
130°	3507.6	3732.6	3507.6	3282.6	3226.3	2850.4	2349.1	2098.5	1956.1	1671.1	1457.4
132.5°	3350.3	3551.7	3350.3	3148.8	3098.4	2761.9	2313.1	2088.8	1958.0	1696.6	1500.5
135°	3134.7	3308.4	3134.7	2961.1	2917.6	2635.8	2260.0	2072.1	1956.3	1724.5	1550.6
137.5°	2961.8	3104.0	2961.8	2819.6	2784.1	2545.8	2228.2	2069.3	1968.3	1766.1	1614.5
140°	2843.2	2976.0	2843.2	2710.2	2677.0	2471.2	2196.7	2059.6	1970.2	1791.6	1657.7
142.5°	2744.8	2859.2	2744.8	2630.5	2602.0	2421.2	2180.1	2059.6	1977.4	1812.9	1689.6
145°	2597.4	2684.0	2597.4	2510.9	2489.2	2341.4	2144.3	2045.7	1977.4	1840.8	1738.3
147.5°	2484.3	2556.0	2484.3	2412.6	2394.7	2278.4	2123.2	2045.7	1991.0	1881.6	1799.5
150°	2413.1	2471.2	2413.1	2354.9	2340.4	2242.2	2111.2	2045.7	1998.1	1902.9	1831.5
152.5°	2352.3	2396.1	2352.3	2308.4	2297.4	2213.5	2101.7	2045.7	2002.7	1916.9	1852.4
155°	2282.2	2311.2	2282.2	2253.1	2245.9	2179.2	2090.2	2045.7	2012.9	1947.4	1898.2
157.5°	2226.9	2247.3	2226.9	2206.5	2201.4	2149.5	2080.3	2045.7	2023.1	1978.0	1944.2
160°	2193.9	2205.6	2193.9	2182.1	2179.2	2134.7	2075.3	2045.7	2027.8	1991.9	1965.0
162.5°	2172.2	2183.3	2172.2	2161.1	2158.3	2120.8	2070.8	2045.7	2032.7	2006.8	1987.2
165°	2141.0	2152.8	2141.0	2129.2	2126.3	2099.4	2063.6	2045.7	2039.8	2028.1	2019.2
167.5°	2118.6	2123.5	2118.6	2113.7	2112.4	2094.8	2071.3	2059.6	2054.7	2044.7	2037.3
170°	2112.4	2112.4	2112.4	2112.4	2112.4	2094.8	2071.3	2059.6	2059.2	2058.6	2058.1
172.5°	2095.8	2091.5	2095.8	2100.2	2101.3	2087.4	2068.9	2059.6	2059.6	2059.6	2059.6
175°	2086.0	2086.0	2086.0	2086.0	2086.0	2077.2	2065.5	2059.6	2062.4	2067.9	2072.1
177.5°	2077.0	2072.1	2077.0	2082.0	2083.2	2076.2	2067.0	2062.4	2064.5	2068.9	2072.1
180°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1
2.5°	2879.4	2863.3	2863.3	2836.4	2825.7	2817.6	2804.2	2763.9	2753.2	2742.4	2758.5
5°	2903.6	2874.0	2852.6	2804.2	2763.9	2747.8	2696.8	2600.1	2535.6	2487.3	2460.4
7.5°	2909.0	2871.4	2831.1	2755.9	2659.2	2616.2	2460.4	2283.0	2234.7	2191.7	2164.9
10°	2903.6	2860.6	2804.2	2691.4	2463.1	2387.9	2232.0	2116.5	2087.0	2078.9	2087.0
12.5°	2884.8	2844.5	2766.6	2578.6	2258.9	2207.8	2116.5	2049.4	2044.0	2057.4	2129.9
15°	2852.6	2815.0	2723.6	2428.2	2146.1	2108.5	2044.0	2019.8	2049.4	2143.4	2360.9
17.5°	2820.3	2777.3	2664.5	2280.4	2060.1	2033.3	1987.6	2035.9	2202.5	2328.7	2401.3
20°	2777.3	2726.3	2597.4	2172.9	1998.3	1974.2	1952.7	2170.2	2296.5	2342.1	2382.5
22.5°	2726.3	2672.6	2506.1	2097.7	1933.9	1915.1	1928.5	2245.4	2296.5	2328.7	2363.6
25°	2659.2	2613.5	2398.6	2038.6	1882.8	1861.4	1912.4	2237.4	2266.9	2275.0	2344.8
27.5°	2597.4	2538.3	2285.7	1984.9	1821.1	1813.0	1925.8	2202.5	2224.0	2232.0	2307.2
30°	2522.2	2433.5	2159.5	1928.5	1756.6	1753.9	1928.5	2159.5	2154.1	2175.6	2250.8
32.5°	2444.3	2277.7	2017.1	1858.7	1694.8	1692.1	1909.7	2095.0	2089.7	2119.2	2175.6
35°	2371.8	2156.8	1823.8	1778.1	1616.9	1619.6	1864.0	2019.8	2022.5	2049.4	2084.3
37.5°	2296.5	2052.1	1611.6	1689.5	1541.7	1541.7	1802.3	1950.0	1944.6	1952.7	2001.0
40°	2207.8	1888.2	1423.5	1574.0	1471.9	1463.8	1727.1	1874.8	1856.0	1853.3	1920.4
42.5°	2113.8	1708.3	1283.9	1420.9	1391.3	1380.6	1635.7	1783.5	1748.5	1756.6	1842.6
45°	2011.8	1659.9	1176.4	1200.6	1308.1	1300.0	1536.4	1678.7	1654.5	1676.0	1764.7
47.5°	1909.7	1563.2	1141.5	996.5	1219.4	1216.7	1426.2	1576.6	1563.2	1584.7	1678.7
50°	1770.0	1455.8	1138.8	854.1	1120.0	1130.8	1294.6	1477.3	1477.3	1496.1	1595.4
52.5°	1590.1	1324.2	1034.1	773.5	1004.5	1036.8	1179.1	1391.3	1396.7	1415.5	1504.1
55°	1426.2	1187.2	958.9	711.8	867.6	937.4	1066.3	1302.7	1313.4	1332.2	1412.8
57.5°	1275.8	988.4	942.8	639.3	741.3	808.5	966.9	1216.7	1222.1	1238.2	1316.1
60°	1114.7	714.5	864.9	561.4	631.2	682.2	875.6	1114.7	1133.5	1144.2	1211.4
62.5°	932.0	518.4	784.3	507.6	577.5	588.2	800.4	1018.0	1042.1	1050.2	1090.5
65°	663.4	435.1	666.1	462.0	521.1	523.8	719.8	918.6	940.1	953.5	983.1
67.5°	448.6	354.5	507.6	419.0	478.1	480.8	641.9	803.1	832.6	843.4	862.2
70°	311.6	236.4	376.0	373.3	429.7	435.1	558.7	698.3	725.2	733.3	744.0
72.5°	228.3	190.7	311.6	335.7	378.7	384.1	472.7	580.2	607.0	615.1	620.5
75°	174.6	201.4	252.5	292.8	322.3	325.0	386.8	472.7	491.5	496.9	499.6
77.5°	139.7	188.0	185.3	236.4	263.2	257.8	303.5	365.3	381.4	381.4	381.4
80°	104.8	147.7	139.7	169.2	193.4	188.0	217.6	260.5	265.9	271.3	268.6
82.5°	77.9	94.0	94.0	107.4	128.9	123.6	145.0	169.2	169.2	169.2	174.6
85°	48.3	53.7	43.0	56.4	72.5	69.8	80.6	91.3	94.0	94.0	88.6
87.5°	29.5	24.2	13.4	21.5	32.2	32.2	37.6	40.3	37.6	37.6	37.6
90°	36.2	25.0	13.9	25.0	36.2	38.9	61.1	90.8	105.6	93.9	70.5
92.5°	244.8	150.1	55.6	150.1	244.8	268.4	377.4	522.6	595.2	521.6	374.5
95°	479.6	306.6	133.5	306.6	479.6	522.9	928.4	1469.3	1739.7	1552.4	1177.9
97.5°	536.2	383.5	230.8	383.5	536.2	574.3	1250.7	2152.4	2603.3	2484.9	2248.2
100°	582.8	444.4	305.9	444.4	582.8	617.5	1367.9	2368.6	2868.9	2877.6	2894.9
102.5°	628.2	499.1	369.9	499.1	628.2	660.6	1421.8	2436.6	2944.1	3094.8	3396.5
105°	697.2	587.8	478.4	587.8	697.2	724.6	1461.6	2444.3	2935.6	3273.7	3949.9
107.5°	793.6	691.6	589.7	691.6	793.6	819.1	1469.0	2335.6	2768.8	3240.4	4183.5
110°	848.9	756.8	664.8	756.8	848.9	871.9	1457.8	2239.1	2629.7	3157.0	4211.4



TEST NUMBER: P935554

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	913.9	826.2	738.5	826.2	913.9	935.9	1458.3	2154.9	2503.2	3042.8	4121.9
115°	1011.6	930.6	849.7	930.6	1011.6	1031.8	1471.8	2058.3	2351.6	2871.4	3911.0
117.5°	1106.7	1033.1	959.6	1033.1	1106.7	1125.0	1499.1	1997.9	2247.3	2716.5	3654.7
120°	1162.0	1092.7	1023.5	1092.7	1162.0	1179.3	1521.4	1977.6	2205.6	2634.3	3491.5
122.5°	1225.8	1155.9	1086.1	1155.9	1225.8	1243.2	1553.4	1966.9	2173.6	2559.6	3331.5
125°	1309.4	1245.7	1182.1	1245.7	1309.4	1325.3	1596.5	1958.0	2138.8	2466.7	3122.5
127.5°	1388.5	1324.3	1260.0	1324.3	1388.5	1404.6	1639.6	1952.9	2109.6	2391.1	2954.2
130°	1440.1	1370.9	1301.7	1370.9	1440.1	1457.4	1671.1	1956.1	2098.5	2349.1	2850.4
132.5°	1483.3	1414.0	1344.8	1414.0	1483.3	1500.5	1696.6	1958.0	2088.8	2313.1	2761.9
135°	1534.8	1471.8	1408.8	1471.8	1534.8	1550.6	1724.5	1956.3	2072.1	2260.0	2635.8
137.5°	1598.9	1536.5	1474.1	1536.5	1598.9	1614.5	1766.1	1968.3	2069.3	2228.2	2545.8
140°	1643.3	1585.8	1528.3	1585.8	1643.3	1657.7	1791.6	1970.2	2059.6	2196.7	2471.2
142.5°	1676.4	1623.2	1570.0	1623.2	1676.4	1689.6	1812.9	1977.4	2059.6	2180.1	2421.2
145°	1726.8	1680.4	1634.0	1680.4	1726.8	1738.3	1840.8	1977.4	2045.7	2144.3	2341.4
147.5°	1788.2	1743.1	1698.0	1743.1	1788.2	1799.5	1881.6	1991.0	2045.7	2123.2	2278.4
150°	1821.3	1780.5	1739.7	1780.5	1821.3	1831.5	1902.9	1998.1	2045.7	2111.2	2242.2
152.5°	1844.7	1813.7	1782.8	1813.7	1844.7	1852.4	1916.9	2002.7	2045.7	2101.7	2213.5
155°	1892.5	1869.7	1846.8	1869.7	1892.5	1898.2	1947.4	2012.9	2045.7	2090.2	2179.2
157.5°	1938.6	1916.3	1894.1	1916.3	1938.6	1944.2	1978.0	2023.1	2045.7	2080.3	2149.5
160°	1960.7	1943.4	1926.1	1943.4	1960.7	1965.0	1991.9	2027.8	2045.7	2075.3	2134.7
162.5°	1984.0	1971.0	1958.0	1971.0	1984.0	1987.2	2006.8	2032.7	2045.7	2070.8	2120.8
165°	2016.2	2004.5	1992.8	2004.5	2016.2	2019.2	2028.1	2039.8	2045.7	2063.6	2099.4
167.5°	2035.9	2030.4	2024.8	2030.4	2035.9	2037.3	2044.7	2054.7	2059.6	2071.3	2094.8
170°	2056.8	2051.2	2045.7	2051.2	2056.8	2058.1	2058.6	2059.2	2059.6	2071.3	2094.8
172.5°	2059.3	2058.1	2056.8	2058.1	2059.3	2059.6	2059.6	2059.6	2059.6	2068.9	2087.4
175°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2067.9	2062.4	2059.6	2065.5	2077.2
177.5°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2068.9	2064.5	2062.4	2067.0	2076.2
180°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1



TEST NUMBER: P935554
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1	2839.1
2.5°	2739.7	2731.7	2742.4	2712.9	2742.4	2731.7	2739.7	2758.5	2742.4	2753.2	2763.9
5°	2404.0	2390.6	2347.5	2312.6	2347.5	2390.6	2404.0	2460.4	2487.3	2535.6	2600.1
7.5°	2148.7	2138.0	2127.3	2105.8	2127.3	2138.0	2148.7	2164.9	2191.7	2234.7	2283.0
10°	2092.3	2095.0	2111.1	2108.5	2111.1	2095.0	2092.3	2087.0	2078.9	2087.0	2116.5
12.5°	2237.4	2261.6	2350.2	2344.8	2350.2	2261.6	2237.4	2129.9	2057.4	2044.0	2049.4
15°	2404.0	2412.1	2430.9	2433.5	2430.9	2412.1	2404.0	2360.9	2143.4	2049.4	2019.8
17.5°	2420.1	2422.8	2436.2	2436.2	2436.2	2422.8	2420.1	2401.3	2328.7	2202.5	2035.9
20°	2406.7	2412.1	2438.9	2444.3	2438.9	2412.1	2406.7	2382.5	2342.1	2296.5	2170.2
22.5°	2401.3	2412.1	2433.5	2430.9	2433.5	2412.1	2401.3	2363.6	2328.7	2296.5	2245.4
25°	2374.5	2374.5	2377.1	2379.8	2377.1	2374.5	2374.5	2344.8	2275.0	2266.9	2237.4
27.5°	2318.0	2323.3	2339.5	2336.8	2339.5	2323.3	2318.0	2307.2	2232.0	2224.0	2202.5
30°	2266.9	2261.6	2248.1	2237.4	2248.1	2261.6	2266.9	2250.8	2175.6	2154.1	2159.5
32.5°	2181.0	2167.6	2154.1	2146.1	2154.1	2167.6	2181.0	2175.6	2119.2	2089.7	2095.0
35°	2078.9	2081.6	2078.9	2070.9	2078.9	2081.6	2078.9	2084.3	2049.4	2022.5	2019.8
37.5°	2006.4	2011.8	2009.1	1998.3	2009.1	2011.8	2006.4	2001.0	1952.7	1944.6	1950.0
40°	1931.2	1933.9	1931.2	1923.1	1931.2	1933.9	1931.2	1920.4	1853.3	1856.0	1874.8
42.5°	1858.7	1856.0	1847.9	1842.6	1847.9	1856.0	1858.7	1842.6	1756.6	1748.5	1783.5
45°	1775.4	1778.1	1762.0	1753.9	1762.0	1778.1	1775.4	1764.7	1676.0	1654.5	1678.7
47.5°	1692.1	1692.1	1678.7	1670.7	1678.7	1692.1	1692.1	1678.7	1584.7	1563.2	1576.6
50°	1603.5	1600.8	1582.0	1579.3	1582.0	1600.8	1603.5	1595.4	1496.1	1477.3	1477.3
52.5°	1501.4	1501.4	1504.1	1509.5	1504.1	1501.4	1501.4	1504.1	1415.5	1396.7	1391.3
55°	1412.8	1415.5	1434.3	1439.7	1434.3	1415.5	1412.8	1412.8	1332.2	1313.4	1302.7
57.5°	1321.5	1321.5	1334.9	1334.9	1334.9	1321.5	1321.5	1316.1	1238.2	1222.1	1216.7
60°	1216.7	1222.1	1232.8	1230.2	1232.8	1222.1	1216.7	1211.4	1144.2	1133.5	1114.7
62.5°	1106.6	1112.0	1114.7	1109.3	1114.7	1112.0	1106.6	1090.5	1050.2	1042.1	1018.0
65°	991.1	996.5	999.2	993.8	999.2	996.5	991.1	983.1	953.5	940.1	918.6
67.5°	872.9	870.2	867.6	878.3	867.6	870.2	872.9	862.2	843.4	832.6	803.1
70°	752.1	752.1	749.4	754.7	749.4	752.1	752.1	744.0	733.3	725.2	698.3
72.5°	623.1	620.5	631.2	623.1	631.2	620.5	623.1	620.5	615.1	607.0	580.2
75°	496.9	502.3	496.9	505.0	496.9	502.3	496.9	499.6	496.9	491.5	472.7
77.5°	378.7	384.1	378.7	378.7	378.7	384.1	378.7	381.4	381.4	381.4	365.3
80°	268.6	265.9	265.9	263.2	265.9	265.9	268.6	268.6	271.3	265.9	260.5
82.5°	171.9	169.2	169.2	174.6	169.2	169.2	171.9	174.6	169.2	169.2	169.2
85°	94.0	96.7	91.3	91.3	91.3	96.7	94.0	88.6	94.0	94.0	91.3
87.5°	34.9	32.2	32.2	32.2	32.2	32.2	34.9	37.6	37.6	37.6	40.3
90°	52.8	52.8	52.8	52.8	52.8	52.8	52.8	70.5	93.9	105.6	90.8
92.5°	264.2	253.7	211.7	169.7	211.7	253.7	264.2	374.5	521.6	595.2	522.6
95°	897.0	865.1	737.8	610.5	737.8	865.1	897.0	1177.9	1552.4	1739.7	1469.3
97.5°	2070.7	2010.1	1767.8	1525.5	1767.8	2010.1	2070.7	2248.2	2484.9	2603.3	2152.4
100°	2907.9	2835.7	2547.1	2258.4	2547.1	2835.7	2907.9	2894.9	2877.6	2868.9	2368.6
102.5°	3622.7	3560.9	3313.6	3066.4	3313.6	3560.9	3622.7	3396.5	3094.8	2944.1	2436.6
105°	4457.0	4423.8	4291.0	4158.1	4291.0	4423.8	4457.0	3949.9	3273.7	2935.6	2444.3
107.5°	4890.9	4899.0	4931.1	4963.3	4931.1	4899.0	4890.9	4183.5	3240.4	2768.8	2335.6
110°	5002.2	5036.8	5175.3	5313.7	5175.3	5036.8	5002.2	4211.4	3157.0	2629.7	2239.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4931.3	4984.5	5197.0	5409.7	5197.0	4984.5	4931.3	4121.9	3042.8	2503.2	2154.9
115°	4690.7	4764.4	5059.2	5354.1	5059.2	4764.4	4690.7	3911.0	2871.4	2351.6	2058.3
117.5°	4358.3	4440.0	4767.0	5094.0	4767.0	4440.0	4358.3	3654.7	2716.5	2247.3	1997.9
120°	4134.5	4213.9	4531.5	4849.2	4531.5	4213.9	4134.5	3491.5	2634.3	2205.6	1977.6
122.5°	3910.5	3988.9	4302.2	4615.6	4302.2	3988.9	3910.5	3331.5	2559.6	2173.6	1966.9
125°	3614.3	3686.4	3975.1	4263.7	3975.1	3686.4	3614.3	3122.5	2466.7	2138.8	1958.0
127.5°	3376.5	3437.4	3680.9	3924.4	3680.9	3437.4	3376.5	2954.2	2391.1	2109.6	1952.9
130°	3226.3	3282.6	3507.6	3732.6	3507.6	3282.6	3226.3	2850.4	2349.1	2098.5	1956.1
132.5°	3098.4	3148.8	3350.3	3551.7	3350.3	3148.8	3098.4	2761.9	2313.1	2088.8	1958.0
135°	2917.6	2961.1	3134.7	3308.4	3134.7	2961.1	2917.6	2635.8	2260.0	2072.1	1956.3
137.5°	2784.1	2819.6	2961.8	3104.0	2961.8	2819.6	2784.1	2545.8	2228.2	2069.3	1968.3
140°	2677.0	2710.2	2843.2	2976.0	2843.2	2710.2	2677.0	2471.2	2196.7	2059.6	1970.2
142.5°	2602.0	2630.5	2744.8	2859.2	2744.8	2630.5	2602.0	2421.2	2180.1	2059.6	1977.4
145°	2489.2	2510.9	2597.4	2684.0	2597.4	2510.9	2489.2	2341.4	2144.3	2045.7	1977.4
147.5°	2394.7	2412.6	2484.3	2556.0	2484.3	2412.6	2394.7	2278.4	2123.2	2045.7	1991.0
150°	2340.4	2354.9	2413.1	2471.2	2413.1	2354.9	2340.4	2242.2	2111.2	2045.7	1998.1
152.5°	2297.4	2308.4	2352.3	2396.1	2352.3	2308.4	2297.4	2213.5	2101.7	2045.7	2002.7
155°	2245.9	2253.1	2282.2	2311.2	2282.2	2253.1	2245.9	2179.2	2090.2	2045.7	2012.9
157.5°	2201.4	2206.5	2226.9	2247.3	2226.9	2206.5	2201.4	2149.5	2080.3	2045.7	2023.1
160°	2179.2	2182.1	2193.9	2205.6	2193.9	2182.1	2179.2	2134.7	2075.3	2045.7	2027.8
162.5°	2158.3	2161.1	2172.2	2183.3	2172.2	2161.1	2158.3	2120.8	2070.8	2045.7	2032.7
165°	2126.3	2129.2	2141.0	2152.8	2141.0	2129.2	2126.3	2099.4	2063.6	2045.7	2039.8
167.5°	2112.4	2113.7	2118.6	2123.5	2118.6	2113.7	2112.4	2094.8	2071.3	2059.6	2054.7
170°	2112.4	2112.4	2112.4	2112.4	2112.4	2112.4	2112.4	2094.8	2071.3	2059.6	2059.2
172.5°	2101.3	2100.2	2095.8	2091.5	2095.8	2100.2	2101.3	2087.4	2068.9	2059.6	2059.6
175°	2086.0	2086.0	2086.0	2086.0	2086.0	2086.0	2086.0	2077.2	2065.5	2059.6	2062.4
177.5°	2083.2	2082.0	2077.0	2072.1	2077.0	2082.0	2083.2	2076.2	2067.0	2062.4	2064.5
180°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2839.1	2839.1	2839.1	2839.1	2839.1
2.5°	2804.2	2817.6	2825.7	2836.4	2863.3
5°	2696.8	2747.8	2763.9	2804.2	2852.6
7.5°	2460.4	2616.2	2659.2	2755.9	2831.1
10°	2232.0	2387.9	2463.1	2691.4	2804.2
12.5°	2116.5	2207.8	2258.9	2578.6	2766.6
15°	2044.0	2108.5	2146.1	2428.2	2723.6
17.5°	1987.6	2033.3	2060.1	2280.4	2664.5
20°	1952.7	1974.2	1998.3	2172.9	2597.4
22.5°	1928.5	1915.1	1933.9	2097.7	2506.1
25°	1912.4	1861.4	1882.8	2038.6	2398.6
27.5°	1925.8	1813.0	1821.1	1984.9	2285.7
30°	1928.5	1753.9	1756.6	1928.5	2159.5
32.5°	1909.7	1692.1	1694.8	1858.7	2017.1
35°	1864.0	1619.6	1616.9	1778.1	1823.8
37.5°	1802.3	1541.7	1541.7	1689.5	1611.6
40°	1727.1	1463.8	1471.9	1574.0	1423.5
42.5°	1635.7	1380.6	1391.3	1420.9	1283.9
45°	1536.4	1300.0	1308.1	1200.6	1176.4
47.5°	1426.2	1216.7	1219.4	996.5	1141.5
50°	1294.6	1130.8	1120.0	854.1	1138.8
52.5°	1179.1	1036.8	1004.5	773.5	1034.1
55°	1066.3	937.4	867.6	711.8	958.9
57.5°	966.9	808.5	741.3	639.3	942.8
60°	875.6	682.2	631.2	561.4	864.9
62.5°	800.4	588.2	577.5	507.6	784.3
65°	719.8	523.8	521.1	462.0	666.1
67.5°	641.9	480.8	478.1	419.0	507.6
70°	558.7	435.1	429.7	373.3	376.0
72.5°	472.7	384.1	378.7	335.7	311.6
75°	386.8	325.0	322.3	292.8	252.5
77.5°	303.5	257.8	263.2	236.4	185.3
80°	217.6	188.0	193.4	169.2	139.7
82.5°	145.0	123.6	128.9	107.4	94.0
85°	80.6	69.8	72.5	56.4	43.0
87.5°	37.6	32.2	32.2	21.5	13.4
90°	61.1	38.9	36.2	25.0	13.9
92.5°	377.4	268.4	244.8	150.1	55.6
95°	928.4	522.9	479.6	306.6	133.5
97.5°	1250.7	574.3	536.2	383.5	230.8
100°	1367.9	617.5	582.8	444.4	305.9
102.5°	1421.8	660.6	628.2	499.1	369.9
105°	1461.6	724.6	697.2	587.8	478.4
107.5°	1469.0	819.1	793.6	691.6	589.7
110°	1457.8	871.9	848.9	756.8	664.8



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CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1458.3	935.9	913.9	826.2	738.5
115°	1471.8	1031.8	1011.6	930.6	849.7
117.5°	1499.1	1125.0	1106.7	1033.1	959.6
120°	1521.4	1179.3	1162.0	1092.7	1023.5
122.5°	1553.4	1243.2	1225.8	1155.9	1086.1
125°	1596.5	1325.3	1309.4	1245.7	1182.1
127.5°	1639.6	1404.6	1388.5	1324.3	1260.0
130°	1671.1	1457.4	1440.1	1370.9	1301.7
132.5°	1696.6	1500.5	1483.3	1414.0	1344.8
135°	1724.5	1550.6	1534.8	1471.8	1408.8
137.5°	1766.1	1614.5	1598.9	1536.5	1474.1
140°	1791.6	1657.7	1643.3	1585.8	1528.3
142.5°	1812.9	1689.6	1676.4	1623.2	1570.0
145°	1840.8	1738.3	1726.8	1680.4	1634.0
147.5°	1881.6	1799.5	1788.2	1743.1	1698.0
150°	1902.9	1831.5	1821.3	1780.5	1739.7
152.5°	1916.9	1852.4	1844.7	1813.7	1782.8
155°	1947.4	1898.2	1892.5	1869.7	1846.8
157.5°	1978.0	1944.2	1938.6	1916.3	1894.1
160°	1991.9	1965.0	1960.7	1943.4	1926.1
162.5°	2006.8	1987.2	1984.0	1971.0	1958.0
165°	2028.1	2019.2	2016.2	2004.5	1992.8
167.5°	2044.7	2037.3	2035.9	2030.4	2024.8
170°	2058.6	2058.1	2056.8	2051.2	2045.7
172.5°	2059.6	2059.6	2059.3	2058.1	2056.8
175°	2067.9	2072.1	2072.1	2072.1	2072.1
177.5°	2068.9	2072.1	2072.1	2072.1	2072.1
180°	2072.1	2072.1	2072.1	2072.1	2072.1



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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	10.84	11.58	11.91	12.66	14.12	13.69	14.43	14.76	15.51	16.97
	3H	11.31	11.97	12.39	13.06	14.54	15.03	15.70	16.12	16.78	18.26
	4H	11.49	12.12	12.58	13.21	14.70	15.48	16.11	16.57	17.19	18.68
	6H	11.60	12.19	12.71	13.27	14.77	15.76	16.34	16.86	17.43	18.93
	8H	11.60	12.16	12.71	13.26	14.75	15.83	16.39	16.94	17.49	18.99
	12H	11.57	12.09	12.68	13.19	14.71	15.87	16.40	16.98	17.49	19.01
4H	2H	11.86	12.49	12.96	13.58	15.07	14.08	14.72	15.18	15.80	17.29
	3H	12.88	13.40	13.98	14.52	16.02	15.58	16.11	16.69	17.22	18.72
	4H	13.15	13.63	14.26	14.73	16.26	16.11	16.60	17.22	17.70	19.22
	6H	13.27	13.68	14.39	14.81	16.32	16.48	16.89	17.60	18.01	19.53
	8H	13.27	13.66	14.39	14.77	16.30	16.58	16.97	17.70	18.09	19.62
	12H	13.23	13.58	14.37	14.71	16.25	16.64	16.99	17.77	18.12	19.65
8H	4H	13.60	13.98	14.71	15.10	16.63	16.23	16.61	17.35	17.73	19.26
	6H	13.85	14.17	14.99	15.33	16.86	16.66	16.98	17.80	18.14	19.67
	8H	13.89	14.17	15.04	15.31	16.86	16.82	17.10	17.96	18.24	19.78
	12H	13.87	14.12	15.02	15.25	16.84	16.91	17.16	18.07	18.30	19.88
12H	4H	13.60	13.95	14.73	15.08	16.61	16.19	16.54	17.32	17.66	19.20
	6H	13.91	14.19	15.06	15.33	16.88	16.66	16.94	17.81	18.08	19.63
	8H	13.97	14.22	15.12	15.36	16.94	16.82	17.06	17.97	18.20	19.78