

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  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722251

Luminaire Tested: **IFLD-S-SA2C-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722251  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2C-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

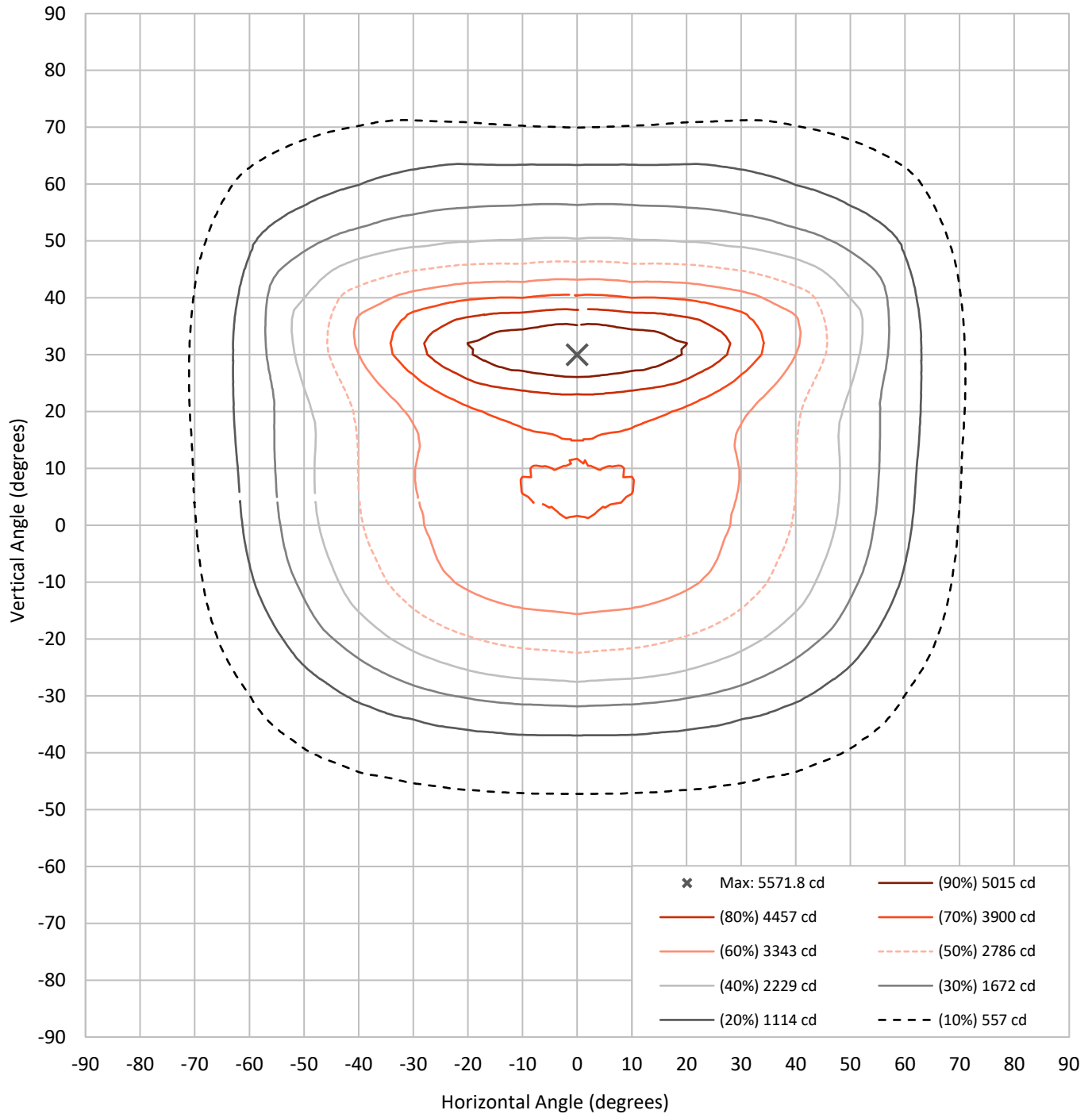
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9300.8 lumens	Max Intensity:	5571.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	5408.5 lumens	Field Lumens:	8716 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 108.2  
Input Voltage (V): 120  
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: 28.75 FT



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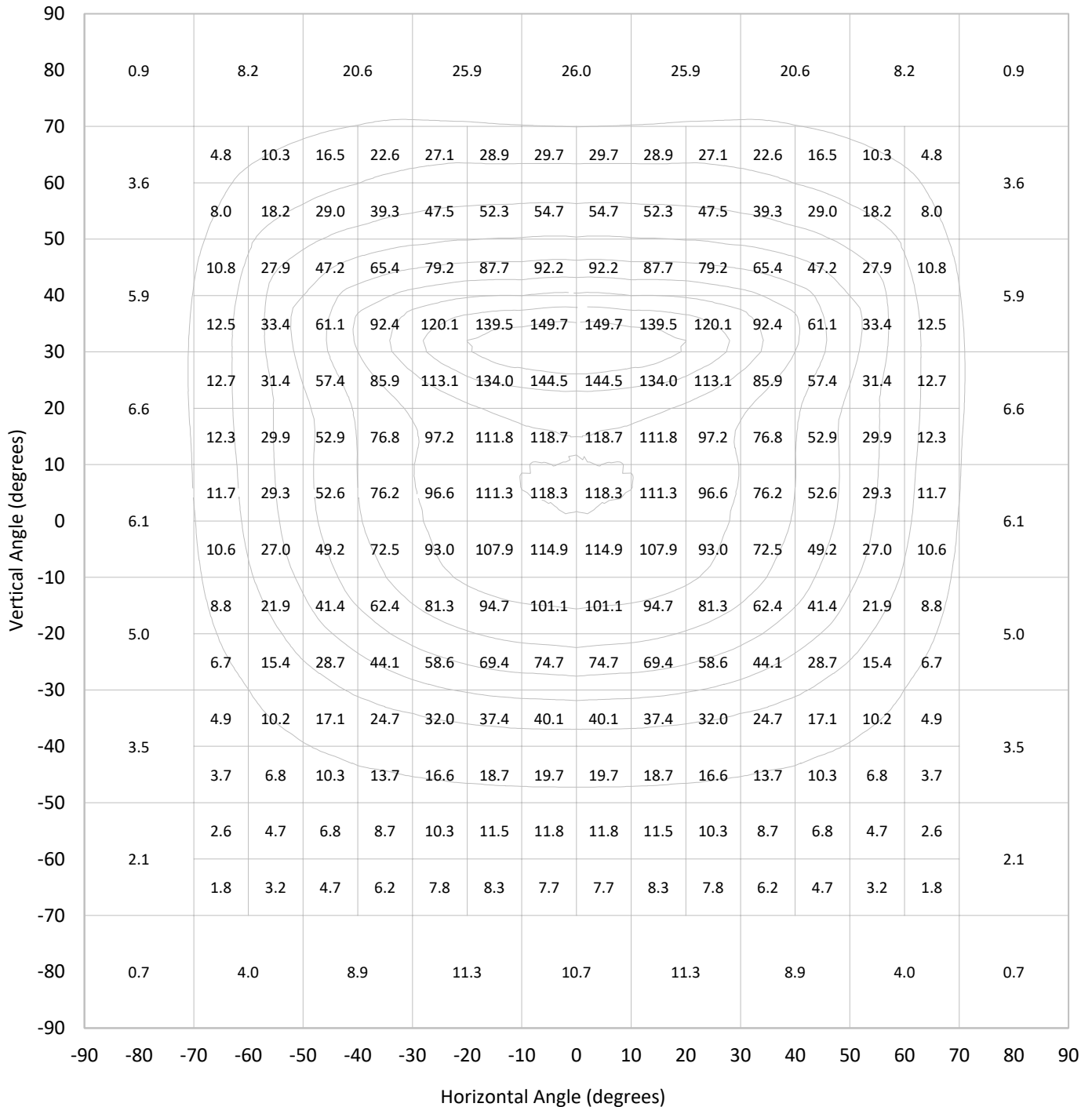
### Iso-Candela Plot





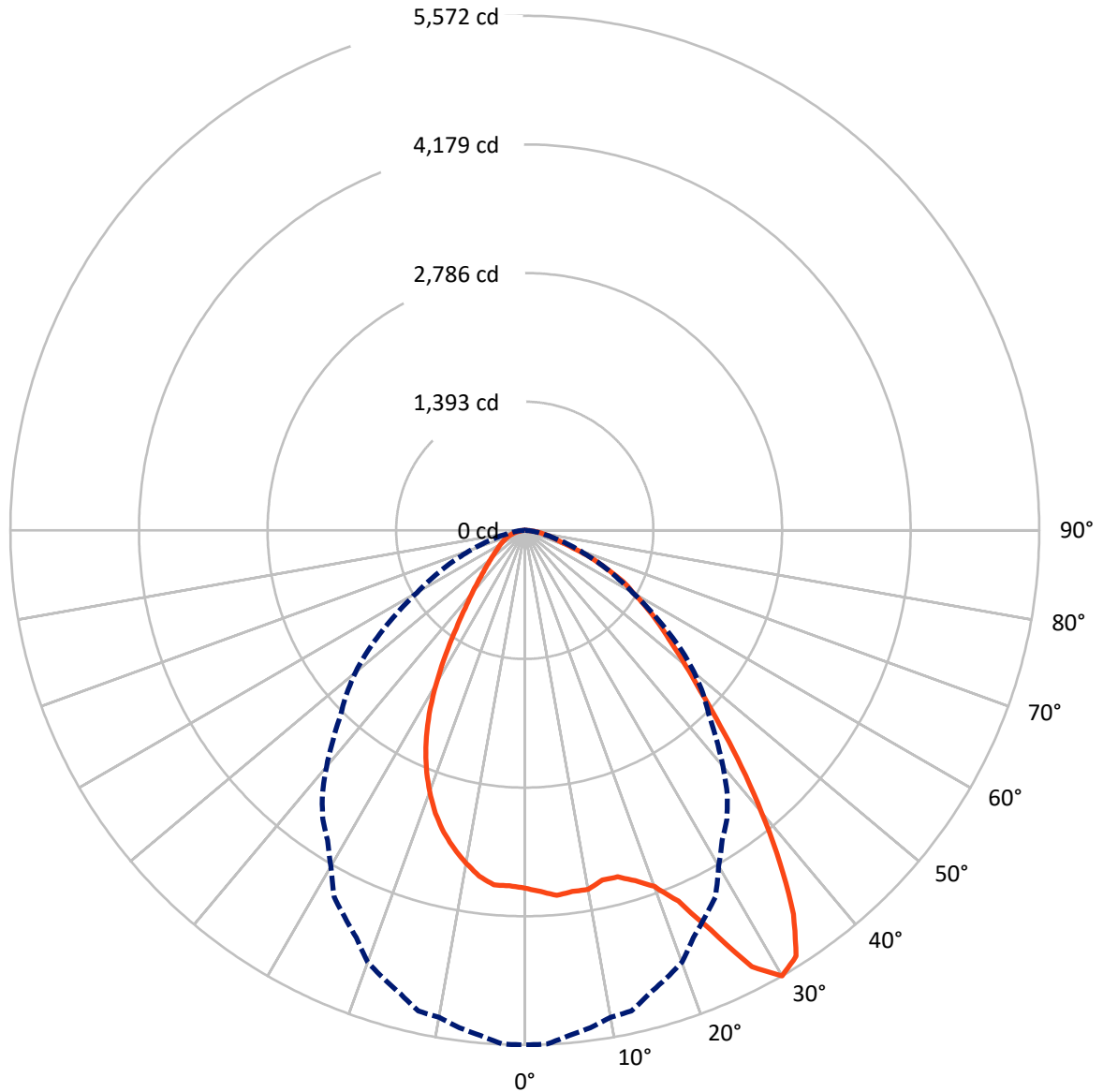
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### Lumen Table



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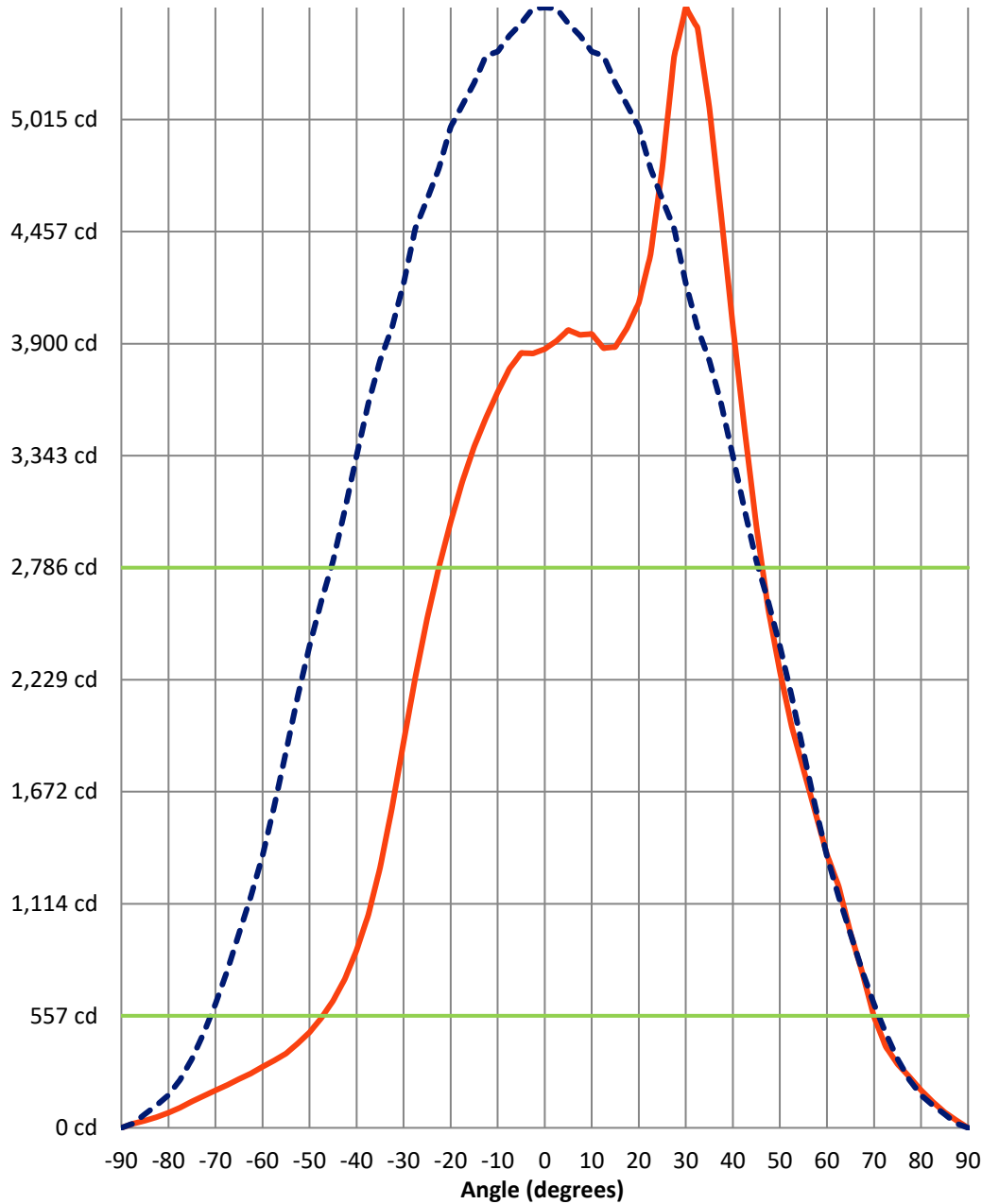
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 5408.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 8716  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 584.7  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	37.4	38.4	39.4	39.4	38.4	38.4	38.4	37.4	38.4	38.4	38.4
85°	77.8	79.8	81.8	80.8	79.8	77.8	75.9	76.9	77.8	78.8	78.8
82.5°	129.1	132.0	134.0	133.0	131.0	129.1	127.1	128.1	130.1	131.0	131.0
80°	187.2	188.2	189.2	191.1	188.2	188.2	187.2	191.1	193.1	195.1	197.1
77.5°	254.2	255.2	255.2	256.2	257.2	258.1	258.1	265.0	270.0	272.9	275.9
75°	317.3	320.2	323.2	326.1	330.1	332.0	335.0	344.9	352.7	358.6	364.6
72.5°	404.0	407.9	412.8	419.7	426.6	431.6	438.5	450.3	459.1	465.1	472.0
70°	552.7	556.7	561.6	566.5	573.4	578.4	585.3	600.0	608.9	612.9	616.8
67.5°	773.5	783.3	792.2	782.3	777.4	770.5	772.5	786.3	795.1	801.0	800.1
65°	969.5	976.4	976.4	975.4	971.5	962.6	967.6	984.3	994.2	999.1	984.3
62.5°	1200.1	1200.1	1195.2	1203.0	1204.0	1198.1	1195.2	1196.1	1197.1	1200.1	1175.5
60°	1359.7	1369.6	1372.5	1379.4	1381.4	1381.4	1386.3	1390.2	1390.2	1384.3	1355.8
57.5°	1570.6	1589.3	1593.2	1588.3	1578.4	1565.6	1563.7	1557.7	1545.9	1534.1	1520.3
55°	1783.4	1793.2	1792.2	1789.3	1779.4	1764.7	1766.6	1758.7	1740.0	1725.2	1706.5
52.5°	1997.2	2020.8	2024.8	2018.9	2005.1	1989.3	1990.3	1981.4	1962.7	1946.9	1921.3
50°	2270.1	2289.8	2287.9	2278.0	2258.3	2246.5	2247.5	2230.7	2209.0	2204.1	2170.6
47.5°	2582.5	2605.1	2601.2	2587.4	2560.8	2555.9	2560.8	2539.1	2526.3	2515.5	2476.0
45°	2992.3	3018.9	3004.2	2977.6	2935.2	2940.1	2947.0	2943.1	2915.5	2886.9	2836.7
42.5°	3473.2	3489.9	3472.2	3445.6	3392.4	3402.2	3398.3	3374.6	3357.9	3310.6	3246.5
40°	3987.5	4023.9	3996.4	3955.0	3899.8	3914.6	3903.7	3873.2	3833.8	3774.7	3693.9
37.5°	4542.2	4570.8	4539.2	4491.0	4441.7	4436.8	4415.1	4367.8	4311.6	4246.6	4117.5
35°	5073.3	5147.2	5089.0	5012.2	4952.1	4929.4	4908.7	4799.4	4735.3	4629.9	4453.5
32.5°	5468.4	5522.6	5450.6	5370.8	5297.9	5266.4	5193.5	5063.4	5028.9	4807.2	4645.7
30°	5571.8	5567.9	5493.0	5431.9	5353.1	5331.4	5197.4	5087.1	4976.7	4771.8	4618.1
27.5°	5325.5	5300.9	5229.0	5175.7	5097.9	5072.3	4940.3	4881.1	4710.7	4537.3	4407.2
25°	4776.7	4789.5	4735.3	4708.7	4657.5	4602.3	4550.1	4470.3	4363.9	4212.1	4092.9
22.5°	4344.2	4360.9	4338.2	4306.7	4267.3	4236.8	4197.4	4135.3	4032.8	3939.2	3826.9
20°	4103.7	4098.8	4079.1	4055.5	4018.0	3996.4	3953.0	3900.8	3822.0	3741.2	3620.0
17.5°	3977.6	3947.1	3928.4	3919.5	3899.8	3872.2	3821.0	3767.8	3706.7	3615.0	3526.4
15°	3884.0	3889.0	3874.2	3867.3	3851.5	3813.1	3760.9	3717.5	3634.7	3588.4	3507.6
12.5°	3878.1	3873.2	3874.2	3871.2	3851.5	3802.2	3775.6	3720.5	3667.3	3606.2	3513.6
10°	3948.1	3895.9	3899.8	3913.6	3882.1	3842.6	3814.1	3754.0	3703.7	3625.9	3534.2
7.5°	3944.1	3917.5	3925.4	3902.7	3912.6	3864.3	3824.9	3764.8	3701.7	3619.0	3536.2
5°	3967.8	3927.4	3920.5	3922.5	3897.8	3861.4	3808.2	3751.0	3691.9	3599.3	3514.5
2.5°	3913.6	3919.5	3888.0	3876.1	3873.2	3812.1	3762.8	3707.7	3646.6	3564.8	3488.9
0°	3873.2	3884.0	3851.5	3834.8	3833.8	3781.6	3750.0	3687.0	3643.6	3575.6	3484.0
-2.5°	3851.5	3864.3	3868.3	3837.7	3808.2	3767.8	3714.6	3646.6	3575.6	3496.8	3418.0
-5°	3853.5	3827.9	3817.0	3826.9	3801.3	3760.9	3701.7	3641.6	3571.7	3487.0	3388.4
-7.5°	3775.6	3750.0	3748.1	3743.1	3737.2	3698.8	3649.5	3584.5	3513.6	3434.7	3343.1
-10°	3659.4	3640.7	3635.7	3630.8	3615.0	3592.4	3546.1	3487.0	3422.9	3344.1	3246.5
-12.5°	3530.3	3521.4	3502.7	3489.9	3474.1	3447.5	3403.2	3349.0	3285.0	3215.0	3131.3
-15°	3387.4	3370.7	3352.0	3341.1	3318.5	3286.9	3242.6	3192.4	3122.4	3053.4	2974.6
-17.5°	3215.0	3194.3	3173.6	3170.7	3154.9	3106.6	3065.2	3004.2	2943.1	2877.1	2800.2
-20°	3012.0	2983.5	2969.7	2961.8	2940.1	2904.6	2860.3	2804.1	2745.0	2682.0	2593.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2787.4	2762.8	2739.1	2724.3	2705.6	2678.0	2635.7	2586.4	2528.3	2457.3	2375.5
-25°	2532.2	2497.7	2482.9	2466.2	2456.3	2430.7	2389.3	2344.0	2283.9	2214.9	2137.1
-27.5°	2240.6	2213.0	2205.1	2181.4	2169.6	2143.0	2108.5	2066.2	2011.0	1946.0	1881.9
-30°	1918.4	1901.6	1888.8	1865.2	1856.3	1827.7	1805.1	1769.6	1719.3	1673.0	1621.8
-32.5°	1587.3	1570.6	1566.6	1555.8	1549.9	1531.1	1505.5	1479.9	1439.5	1405.0	1363.6
-35°	1293.7	1281.9	1282.9	1281.9	1276.0	1262.2	1230.6	1223.7	1194.2	1162.6	1136.0
-37.5°	1059.2	1060.2	1059.2	1058.2	1050.3	1044.4	1021.7	1012.9	995.1	964.6	948.8
-40°	882.8	884.8	883.8	881.8	873.0	870.0	855.2	843.4	836.5	814.8	798.1
-42.5°	740.0	742.9	741.9	740.9	735.0	734.0	726.2	712.4	708.4	695.6	677.9
-45°	631.6	630.6	628.6	630.6	627.6	624.7	619.7	610.9	606.0	600.0	585.3
-47.5°	545.9	546.8	544.9	544.9	540.9	538.0	536.0	530.1	526.1	521.2	512.4
-50°	474.9	478.9	477.9	476.9	473.9	472.0	472.0	466.0	460.1	458.2	452.2
-52.5°	419.7	422.7	423.7	425.6	426.6	427.6	424.7	418.7	408.9	407.9	405.0
-55°	369.5	378.4	384.3	388.2	392.1	395.1	389.2	381.3	371.5	367.5	366.5
-57.5°	335.0	343.9	350.8	356.7	361.6	366.5	360.6	352.7	343.9	338.9	338.0
-60°	303.5	311.4	318.2	326.1	333.0	340.9	338.0	332.0	327.1	323.2	319.2
-62.5°	270.0	277.9	285.7	295.6	304.5	312.3	313.3	312.3	311.4	312.3	305.4
-65°	242.4	246.3	251.2	262.1	271.9	280.8	285.7	288.7	293.6	298.5	291.6
-67.5°	212.8	217.7	223.7	231.5	239.4	245.3	252.2	260.1	268.0	275.9	271.0
-70°	186.2	190.2	195.1	199.0	204.0	207.9	213.8	222.7	231.5	239.4	237.5
-72.5°	158.6	162.6	165.5	167.5	170.5	172.4	175.4	183.3	189.2	193.1	193.1
-75°	131.0	135.0	137.9	138.9	140.9	141.9	143.9	146.8	149.8	150.7	151.7
-77.5°	100.5	104.4	107.4	109.4	111.3	113.3	114.3	116.3	117.2	117.2	118.2
-80°	74.9	77.8	79.8	82.8	83.7	85.7	87.7	88.7	89.7	89.7	90.6
-82.5°	53.2	55.2	57.1	59.1	61.1	62.1	64.0	65.0	66.0	67.0	68.0
-85°	35.5	37.4	39.4	41.4	42.4	43.4	44.3	45.3	46.3	47.3	48.3
-87.5°	20.7	21.7	22.7	24.6	25.6	27.6	28.6	27.6	28.6	28.6	28.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.4	38.4	38.4	38.4	37.4	35.5	34.5	32.5	30.5	28.6	26.6
85°	79.8	80.8	80.8	80.8	78.8	77.8	74.9	71.9	68.0	62.1	57.1
82.5°	133.0	134.0	134.0	133.0	131.0	128.1	124.1	119.2	111.3	103.5	96.6
80°	200.0	201.0	201.0	200.0	195.1	190.2	185.2	179.3	169.5	158.6	146.8
77.5°	279.8	281.8	281.8	278.8	271.9	266.0	258.1	248.3	233.5	217.7	202.0
75°	372.4	377.4	378.4	375.4	366.5	355.7	342.9	326.1	303.5	283.8	265.0
72.5°	479.8	484.8	488.7	484.8	472.0	457.2	438.5	418.7	396.1	369.5	338.0
70°	620.7	625.7	628.6	615.8	593.1	568.5	545.9	523.2	496.6	464.1	429.6
67.5°	798.1	793.2	787.2	761.6	733.1	703.5	672.0	638.5	604.0	569.5	529.1
65°	968.5	954.7	941.9	911.4	874.9	836.5	800.1	762.6	721.2	677.9	639.5
62.5°	1147.9	1118.3	1086.8	1049.3	1011.9	969.5	933.1	888.7	842.4	789.2	740.0
60°	1324.2	1288.8	1257.2	1210.9	1161.7	1104.5	1065.1	1021.7	967.6	910.4	852.3
57.5°	1494.7	1456.3	1421.8	1381.4	1328.2	1266.1	1222.7	1166.6	1109.4	1037.5	978.4
55°	1676.0	1637.6	1610.0	1564.6	1506.5	1449.4	1402.1	1343.0	1263.1	1186.3	1113.4
52.5°	1883.9	1853.3	1823.8	1777.5	1707.5	1649.4	1597.2	1531.1	1447.4	1352.8	1265.1
50°	2116.4	2100.6	2069.1	2014.9	1935.1	1883.9	1814.9	1727.2	1637.6	1538.0	1428.7
47.5°	2424.8	2399.2	2354.9	2295.7	2228.7	2151.9	2059.3	1956.8	1829.7	1719.3	1603.1
45°	2793.3	2746.0	2688.9	2609.1	2526.3	2439.6	2338.1	2208.0	2037.6	1893.7	1771.6
42.5°	3192.4	3128.3	3050.5	2946.0	2838.6	2732.2	2622.9	2445.5	2232.7	2067.1	1929.2
40°	3609.1	3527.4	3429.8	3278.1	3158.9	3021.9	2896.8	2631.7	2405.1	2225.8	2079.0
37.5°	4017.0	3913.6	3750.0	3565.8	3426.9	3314.5	3039.6	2755.9	2552.9	2355.8	2207.1
35°	4329.4	4241.7	3953.0	3761.9	3642.6	3465.3	3121.4	2830.7	2616.0	2452.4	2220.9
32.5°	4514.6	4288.0	4034.8	3841.7	3743.1	3452.5	3127.3	2852.4	2645.5	2462.2	2185.4
30°	4473.2	4199.3	3977.6	3816.0	3602.2	3341.1	3072.1	2818.9	2617.9	2396.2	2146.0
27.5°	4224.0	4012.1	3814.1	3645.6	3435.7	3201.2	2952.9	2730.2	2543.0	2328.2	2091.8
25°	3942.2	3750.0	3603.2	3456.4	3257.4	3033.7	2815.0	2654.4	2466.2	2254.4	2020.8
22.5°	3683.0	3545.1	3429.8	3276.1	3082.0	2886.9	2750.9	2584.4	2391.3	2176.5	1947.9
20°	3517.5	3423.9	3291.9	3122.4	2969.7	2847.5	2696.7	2520.4	2321.4	2096.7	1885.9
17.5°	3437.7	3329.3	3182.5	3072.1	2954.9	2820.9	2652.4	2465.2	2253.4	2060.2	1892.7
15°	3396.3	3282.0	3185.5	3077.1	2945.0	2804.1	2616.9	2422.8	2253.4	2075.0	1897.7
12.5°	3405.2	3306.6	3201.2	3083.0	2941.1	2790.4	2620.9	2440.6	2265.2	2085.9	1898.7
10°	3432.8	3329.3	3217.0	3085.9	2943.1	2794.3	2631.7	2451.4	2271.1	2090.8	1896.7
7.5°	3442.6	3330.3	3210.1	3078.1	2938.1	2792.3	2633.7	2454.4	2272.1	2089.8	1890.8
5°	3412.1	3310.6	3194.3	3061.3	2924.4	2782.5	2625.8	2450.4	2264.2	2080.0	1876.0
2.5°	3370.7	3288.9	3177.6	3049.5	2910.6	2768.7	2613.0	2432.7	2246.5	2062.2	1857.3
0°	3363.8	3262.3	3150.0	3035.7	2887.9	2738.1	2583.4	2399.2	2214.0	2028.7	1824.8
-2.5°	3318.5	3211.1	3098.7	2974.6	2844.5	2693.8	2531.2	2350.9	2167.6	1985.4	1789.3
-5°	3284.0	3164.8	3045.5	2911.5	2780.5	2629.7	2461.3	2285.9	2106.6	1929.2	1740.0
-7.5°	3237.7	3115.5	2990.4	2850.5	2708.6	2554.9	2388.4	2213.0	2036.6	1860.2	1678.9
-10°	3144.1	3036.7	2919.4	2774.6	2624.8	2471.1	2305.6	2133.2	1956.8	1778.5	1596.2
-12.5°	3030.8	2917.5	2789.4	2656.4	2522.4	2379.5	2214.0	2044.5	1867.1	1687.8	1506.5
-15°	2884.0	2772.6	2641.6	2511.5	2382.4	2245.5	2099.7	1946.9	1766.6	1590.3	1409.0
-17.5°	2700.7	2596.2	2479.0	2354.9	2226.8	2088.8	1946.9	1817.9	1649.4	1483.9	1304.5
-20°	2503.6	2406.1	2300.7	2183.4	2055.3	1920.3	1786.3	1651.4	1505.5	1359.7	1193.2



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2298.7	2200.2	2093.7	1984.4	1866.1	1741.0	1616.9	1487.8	1359.7	1227.7	1086.8
-25°	2062.2	1975.5	1878.0	1771.6	1666.1	1556.8	1438.5	1321.3	1211.9	1097.6	982.3
-27.5°	1814.9	1735.1	1646.4	1553.8	1463.2	1371.5	1269.1	1160.7	1070.0	975.4	879.9
-30°	1554.8	1490.7	1418.8	1338.0	1268.1	1194.2	1108.5	1018.8	936.0	864.1	787.2
-32.5°	1308.5	1254.3	1203.0	1149.8	1080.9	1023.7	964.6	898.6	825.7	757.7	702.5
-35°	1096.6	1038.5	1016.8	977.4	928.1	877.9	834.5	787.2	732.1	672.0	626.6
-37.5°	918.3	883.8	853.3	831.6	799.1	758.7	724.2	689.7	647.3	602.0	556.7
-40°	779.4	755.7	722.2	711.4	690.7	663.1	627.6	601.0	572.5	538.0	499.5
-42.5°	668.0	650.3	628.6	609.9	601.0	581.3	553.7	528.1	505.5	481.8	452.2
-45°	576.4	564.6	550.8	534.0	527.1	511.4	491.7	463.1	450.3	430.6	408.9
-47.5°	502.5	496.6	486.7	475.9	466.0	454.2	436.5	418.7	401.0	388.2	371.5
-50°	444.4	440.4	434.5	425.6	412.8	405.0	393.1	377.4	360.6	349.8	338.0
-52.5°	398.1	394.1	390.2	383.3	373.4	365.5	355.7	342.9	329.1	318.2	308.4
-55°	362.6	356.7	353.7	347.8	339.9	331.1	322.2	313.3	301.5	291.6	281.8
-57.5°	335.0	327.1	323.2	318.2	310.4	301.5	294.6	285.7	277.9	267.0	258.1
-60°	313.3	304.5	296.6	291.6	284.7	275.9	269.0	262.1	254.2	245.3	234.5
-62.5°	295.6	284.7	273.9	268.0	261.1	253.2	246.3	239.4	231.5	222.7	212.8
-65°	278.8	266.0	252.2	246.3	239.4	231.5	222.7	217.7	210.9	203.0	193.1
-67.5°	258.1	244.4	232.5	225.6	218.7	211.8	204.0	199.0	192.1	182.3	172.4
-70°	227.6	218.7	210.9	204.9	199.0	193.1	185.2	177.4	169.5	160.6	151.7
-72.5°	189.2	186.2	185.2	182.3	175.4	168.5	160.6	152.7	145.8	138.9	132.0
-75°	152.7	154.7	156.7	155.7	148.8	141.9	135.0	128.1	123.2	117.2	111.3
-77.5°	121.2	123.2	125.1	125.1	120.2	116.3	111.3	106.4	102.5	97.5	91.6
-80°	93.6	96.6	99.5	101.5	97.5	94.6	90.6	86.7	82.8	78.8	74.9
-82.5°	70.9	73.9	76.9	78.8	75.9	73.9	70.9	68.0	65.0	61.1	58.1
-85°	51.2	53.2	55.2	56.2	54.2	52.2	50.2	48.3	46.3	43.4	41.4
-87.5°	29.6	30.5	31.5	32.5	30.5	28.6	27.6	25.6	24.6	22.7	21.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.6	22.7	20.7	19.7	17.7	14.8	12.8	10.8	8.9	6.9	5.9
85°	52.2	47.3	41.4	38.4	34.5	30.5	26.6	22.7	18.7	14.8	10.8
82.5°	89.7	83.7	77.8	70.9	62.1	51.2	40.4	33.5	27.6	21.7	16.7
80°	135.0	124.1	114.3	105.4	95.6	81.8	67.0	53.2	37.4	28.6	21.7
77.5°	187.2	174.4	160.6	145.8	130.1	111.3	94.6	76.9	58.1	39.4	27.6
75°	246.3	229.6	210.9	190.2	169.5	144.8	121.2	100.5	78.8	55.2	33.5
72.5°	312.3	291.6	269.0	241.4	208.9	180.3	151.7	124.1	98.5	70.0	45.3
70°	397.1	364.6	331.1	301.5	260.1	214.8	181.3	149.8	117.2	85.7	57.1
67.5°	487.7	448.3	407.9	364.6	312.3	259.1	210.9	175.4	137.0	100.5	68.0
65°	586.2	537.0	485.7	437.5	365.5	302.5	248.3	200.0	155.7	114.3	78.8
62.5°	687.7	629.6	570.5	507.4	424.7	346.8	283.8	227.6	173.4	127.1	88.7
60°	796.1	728.1	656.2	577.4	480.8	395.1	317.3	256.2	192.1	139.9	99.5
57.5°	910.4	836.5	751.8	645.4	539.0	441.4	355.7	281.8	208.9	151.7	107.4
55°	1034.6	949.8	857.2	716.3	596.1	487.7	394.1	307.4	226.6	161.6	115.3
52.5°	1168.6	1070.0	952.8	791.2	656.2	535.0	429.6	330.1	243.4	172.4	122.2
50°	1318.3	1194.2	1036.5	860.2	708.4	579.4	465.1	354.7	257.2	184.2	128.1
47.5°	1474.0	1340.0	1111.4	924.2	761.6	622.7	501.5	376.4	271.0	194.1	134.0
45°	1636.6	1441.5	1189.2	981.4	807.9	662.1	529.1	396.1	287.7	203.0	138.9
42.5°	1797.2	1518.3	1257.2	1038.5	851.3	697.6	551.8	414.8	301.5	211.8	143.9
40°	1873.0	1576.5	1311.4	1077.9	887.7	729.1	571.5	431.6	313.3	217.7	148.8
37.5°	1904.6	1611.9	1346.9	1115.4	916.3	745.9	588.2	446.3	323.2	223.7	152.7
35°	1911.5	1624.7	1364.6	1141.0	940.0	761.6	601.0	457.2	331.1	229.6	156.7
32.5°	1898.7	1620.8	1369.6	1149.8	954.7	773.5	609.9	465.1	337.0	235.5	160.6
30°	1870.1	1600.1	1351.8	1148.9	965.6	780.4	615.8	471.0	342.9	239.4	162.6
27.5°	1823.8	1563.7	1329.2	1149.8	971.5	783.3	618.8	473.9	346.8	242.4	166.5
25°	1766.6	1514.4	1330.1	1147.9	972.5	784.3	618.8	473.9	347.8	243.4	169.5
22.5°	1700.6	1514.4	1330.1	1144.9	966.6	782.3	615.8	472.0	347.8	245.3	172.4
20°	1704.6	1515.4	1327.2	1139.0	957.7	776.4	608.9	467.0	344.9	248.3	174.4
17.5°	1707.5	1513.4	1321.3	1131.1	945.9	766.6	600.0	460.1	344.9	251.2	175.4
15°	1707.5	1507.5	1312.4	1119.3	931.1	752.8	587.2	454.2	345.8	252.2	177.4
12.5°	1704.6	1496.7	1298.6	1103.5	913.4	736.0	579.4	452.2	345.8	253.2	177.4
10°	1698.6	1481.9	1280.9	1083.8	896.6	730.1	575.4	448.3	343.9	253.2	177.4
7.5°	1687.8	1464.1	1266.1	1072.0	886.8	723.2	569.5	442.4	340.9	251.2	179.3
5°	1671.1	1454.3	1254.3	1058.2	873.0	718.3	565.6	437.5	338.9	251.2	177.4
2.5°	1649.4	1442.5	1240.5	1040.5	857.2	701.5	552.7	426.6	332.0	247.3	175.4
0°	1613.9	1418.8	1216.8	1015.8	835.5	684.8	539.9	415.8	325.1	243.4	173.4
-2.5°	1581.4	1387.3	1186.3	990.2	814.8	670.0	530.1	409.9	322.2	242.4	172.4
-5°	1536.1	1343.9	1145.9	956.7	787.2	655.2	520.2	403.0	319.2	240.4	172.4
-7.5°	1485.8	1298.6	1103.5	922.2	759.7	629.6	501.5	392.1	312.3	236.5	171.4
-10°	1408.0	1230.6	1050.3	882.8	730.1	606.9	485.7	382.3	306.4	232.5	167.5
-12.5°	1325.2	1155.7	989.2	834.5	696.6	583.3	468.0	371.5	299.5	228.6	165.5
-15°	1237.5	1078.9	925.2	784.3	660.1	554.7	449.3	359.6	292.6	223.7	162.6
-17.5°	1145.9	998.1	859.2	733.1	623.7	525.2	429.6	348.8	284.7	218.7	159.6
-20°	1049.3	915.3	792.2	680.8	585.3	495.6	408.9	336.0	275.9	212.8	155.7



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CATALOG NUMBER: IFLD-S-SA2C-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	953.8	833.6	723.2	629.6	545.9	465.1	388.2	323.2	266.0	205.9	152.7
-25°	869.0	756.7	662.1	580.3	507.4	435.5	366.5	310.4	255.2	199.0	148.8
-27.5°	786.3	690.7	602.0	534.0	470.0	406.9	345.8	296.6	244.4	191.1	144.8
-30°	709.4	627.6	554.7	488.7	434.5	381.3	328.1	282.8	232.5	183.3	139.9
-32.5°	639.5	573.4	512.4	449.3	401.0	355.7	311.4	269.0	220.7	175.4	135.0
-35°	574.4	523.2	470.0	416.8	367.5	332.0	293.6	254.2	209.9	166.5	130.1
-37.5°	516.3	474.9	432.5	387.2	344.9	309.4	276.9	239.4	199.0	158.6	125.1
-40°	466.0	432.5	395.1	358.6	323.2	289.7	260.1	224.6	188.2	152.7	120.2
-42.5°	419.7	394.1	363.6	333.0	301.5	271.9	243.4	208.9	177.4	145.8	115.3
-45°	384.3	358.6	334.0	306.4	279.8	254.2	225.6	195.1	167.5	137.9	110.4
-47.5°	350.8	328.1	305.4	282.8	261.1	237.5	208.9	183.3	156.7	131.0	106.4
-50°	321.2	299.5	279.8	260.1	241.4	218.7	192.1	171.4	147.8	124.1	101.5
-52.5°	293.6	274.9	255.2	239.4	223.7	201.0	179.3	159.6	138.9	116.3	96.6
-55°	269.0	251.2	233.5	218.7	204.0	184.2	166.5	149.8	130.1	110.4	91.6
-57.5°	245.3	230.6	213.8	200.0	185.2	169.5	154.7	138.9	121.2	104.4	86.7
-60°	223.7	209.9	195.1	181.3	168.5	155.7	141.9	129.1	113.3	97.5	81.8
-62.5°	202.0	190.2	177.4	163.6	153.7	141.9	131.0	118.2	105.4	91.6	72.9
-65°	182.3	171.4	159.6	147.8	138.9	130.1	120.2	108.4	97.5	84.7	65.0
-67.5°	162.6	152.7	142.9	133.0	125.1	118.2	108.4	99.5	90.6	76.9	57.1
-70°	143.9	136.0	127.1	119.2	113.3	105.4	98.5	90.6	82.8	67.0	48.3
-72.5°	126.1	118.2	111.3	105.4	100.5	93.6	87.7	81.8	70.9	56.2	40.4
-75°	105.4	100.5	96.6	91.6	86.7	81.8	76.9	70.0	59.1	45.3	31.5
-77.5°	86.7	83.7	80.8	76.9	72.9	69.0	63.1	56.2	47.3	35.5	25.6
-80°	70.9	68.0	66.0	62.1	59.1	55.2	49.3	43.4	34.5	27.6	20.7
-82.5°	54.2	52.2	50.2	48.3	45.3	41.4	35.5	30.5	25.6	20.7	15.8
-85°	38.4	37.4	35.5	33.5	30.5	27.6	23.6	20.7	17.7	13.8	10.8
-87.5°	19.7	18.7	17.7	16.7	15.8	13.8	11.8	9.9	8.9	6.9	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.9	3.0	1.0	0.0
85°	7.9	4.9	2.0	0.0
82.5°	11.8	7.9	3.0	0.0
80°	15.8	9.9	4.9	0.0
77.5°	19.7	11.8	5.9	0.0
75°	23.6	14.8	6.9	0.0
72.5°	26.6	16.7	7.9	0.0
70°	31.5	19.7	8.9	0.0
67.5°	39.4	21.7	9.9	0.0
65°	46.3	23.6	10.8	0.0
62.5°	54.2	25.6	11.8	0.0
60°	61.1	27.6	12.8	0.0
57.5°	68.0	32.5	13.8	0.0
55°	73.9	36.5	14.8	0.0
52.5°	80.8	40.4	15.8	0.0
50°	86.7	44.3	16.7	0.0
47.5°	91.6	48.3	16.7	0.0
45°	95.6	51.2	17.7	0.0
42.5°	98.5	54.2	18.7	0.0
40°	101.5	57.1	19.7	0.0
37.5°	104.4	60.1	19.7	0.0
35°	107.4	63.1	20.7	0.0
32.5°	110.4	66.0	20.7	0.0
30°	112.3	68.0	21.7	0.0
27.5°	115.3	70.0	21.7	0.0
25°	116.3	71.9	22.7	0.0
22.5°	118.2	72.9	22.7	0.0
20°	120.2	74.9	22.7	0.0
17.5°	121.2	75.9	23.6	0.0
15°	121.2	76.9	24.6	0.0
12.5°	122.2	77.8	24.6	0.0
10°	122.2	79.8	23.6	0.0
7.5°	124.1	78.8	23.6	0.0
5°	123.2	78.8	23.6	0.0
2.5°	122.2	77.8	23.6	0.0
0°	121.2	77.8	23.6	0.0
-2.5°	121.2	77.8	23.6	0.0
-5°	121.2	77.8	23.6	0.0
-7.5°	120.2	78.8	23.6	0.0
-10°	118.2	78.8	23.6	0.0
-12.5°	117.2	75.9	23.6	0.0
-15°	116.3	74.9	23.6	0.0
-17.5°	114.3	73.9	22.7	0.0
-20°	112.3	72.9	22.7	0.0



REPORT NUMBER: P722251  
 CATALOG NUMBER: IFLD-S-SA2C-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	110.4	70.9	22.7	0.0
-25°	108.4	69.0	21.7	0.0
-27.5°	106.4	67.0	21.7	0.0
-30°	103.5	65.0	20.7	0.0
-32.5°	100.5	63.1	20.7	0.0
-35°	98.5	60.1	19.7	0.0
-37.5°	95.6	57.1	19.7	0.0
-40°	92.6	54.2	18.7	0.0
-42.5°	89.7	51.2	17.7	0.0
-45°	85.7	48.3	17.7	0.0
-47.5°	82.8	45.3	16.7	0.0
-50°	77.8	41.4	15.8	0.0
-52.5°	71.9	37.4	14.8	0.0
-55°	66.0	34.5	13.8	0.0
-57.5°	60.1	30.5	13.8	0.0
-60°	54.2	26.6	12.8	0.0
-62.5°	48.3	24.6	11.8	0.0
-65°	42.4	22.7	10.8	0.0
-67.5°	35.5	19.7	9.9	0.0
-70°	29.6	17.7	8.9	0.0
-72.5°	25.6	15.8	7.9	0.0
-75°	21.7	13.8	6.9	0.0
-77.5°	18.7	11.8	5.9	0.0
-80°	14.8	8.9	3.9	0.0
-82.5°	10.8	6.9	3.0	0.0
-85°	6.9	4.9	2.0	0.0
-87.5°	3.9	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)