

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: P721961

Luminaire Tested: **IFLD-S-SA2C-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721961
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

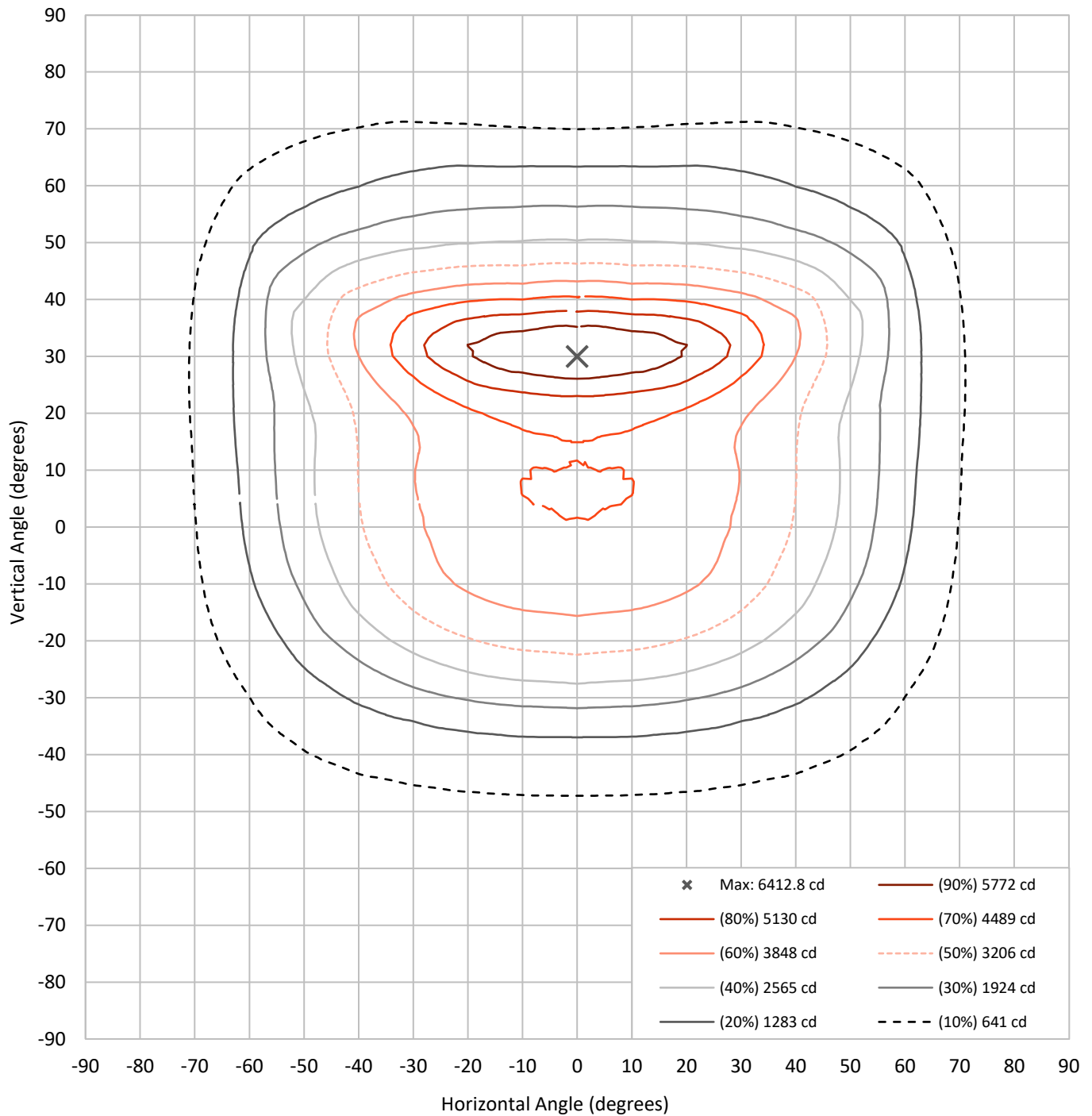
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10704.6 lumens	Max Intensity:	6412.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6224.9 lumens	Field Lumens:	10031.6 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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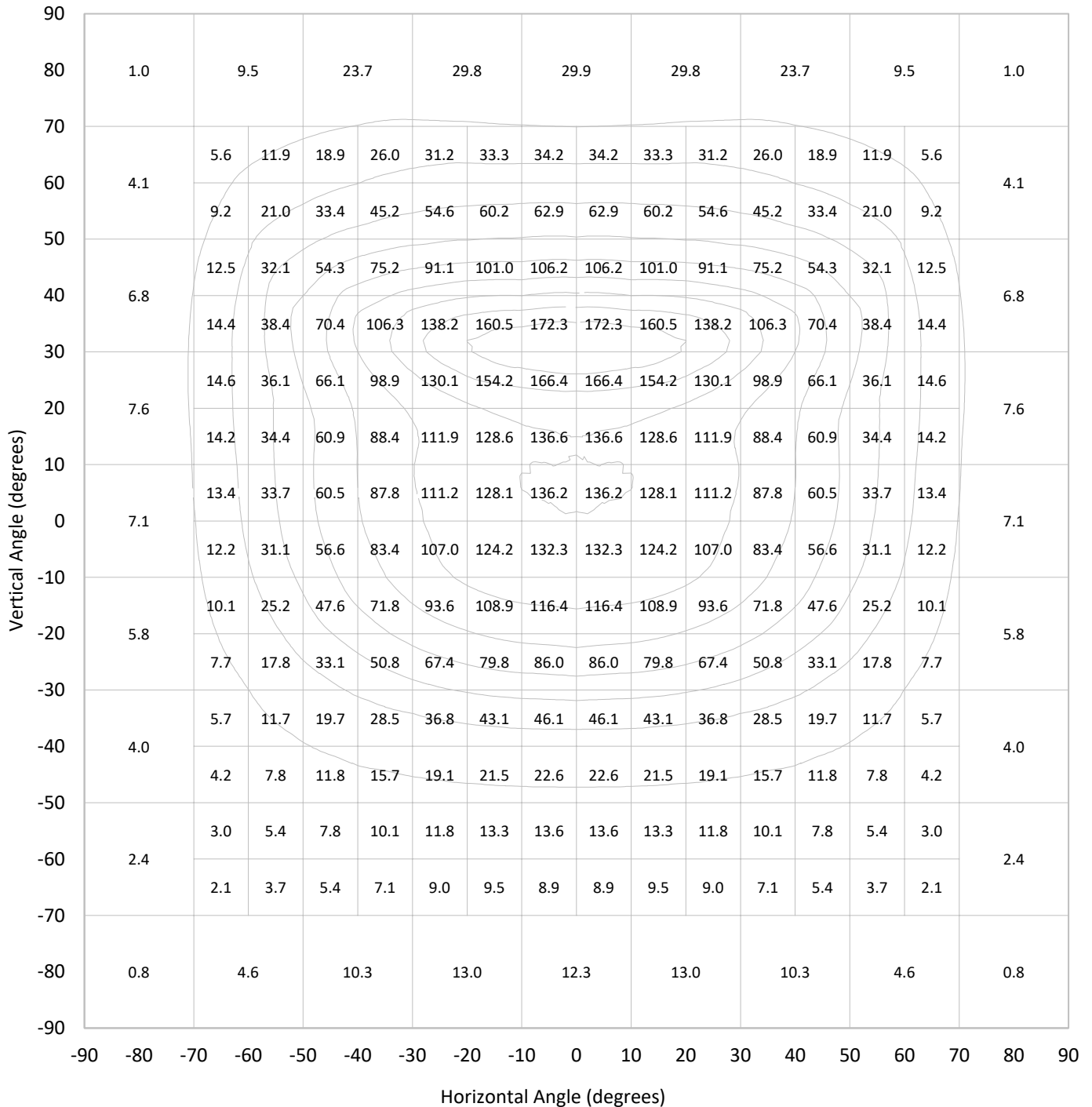
Iso-Candela Plot





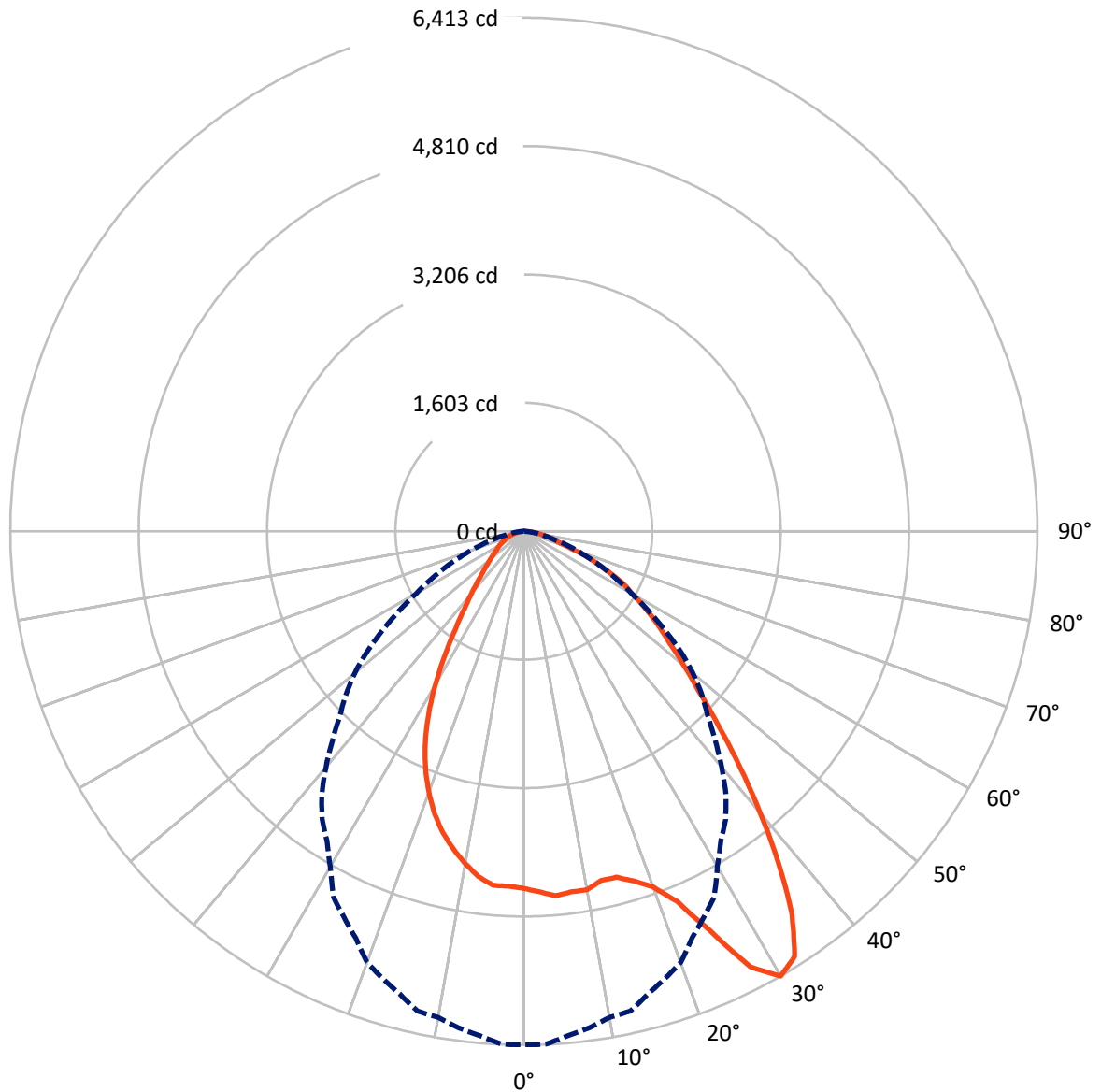
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Lumen Table



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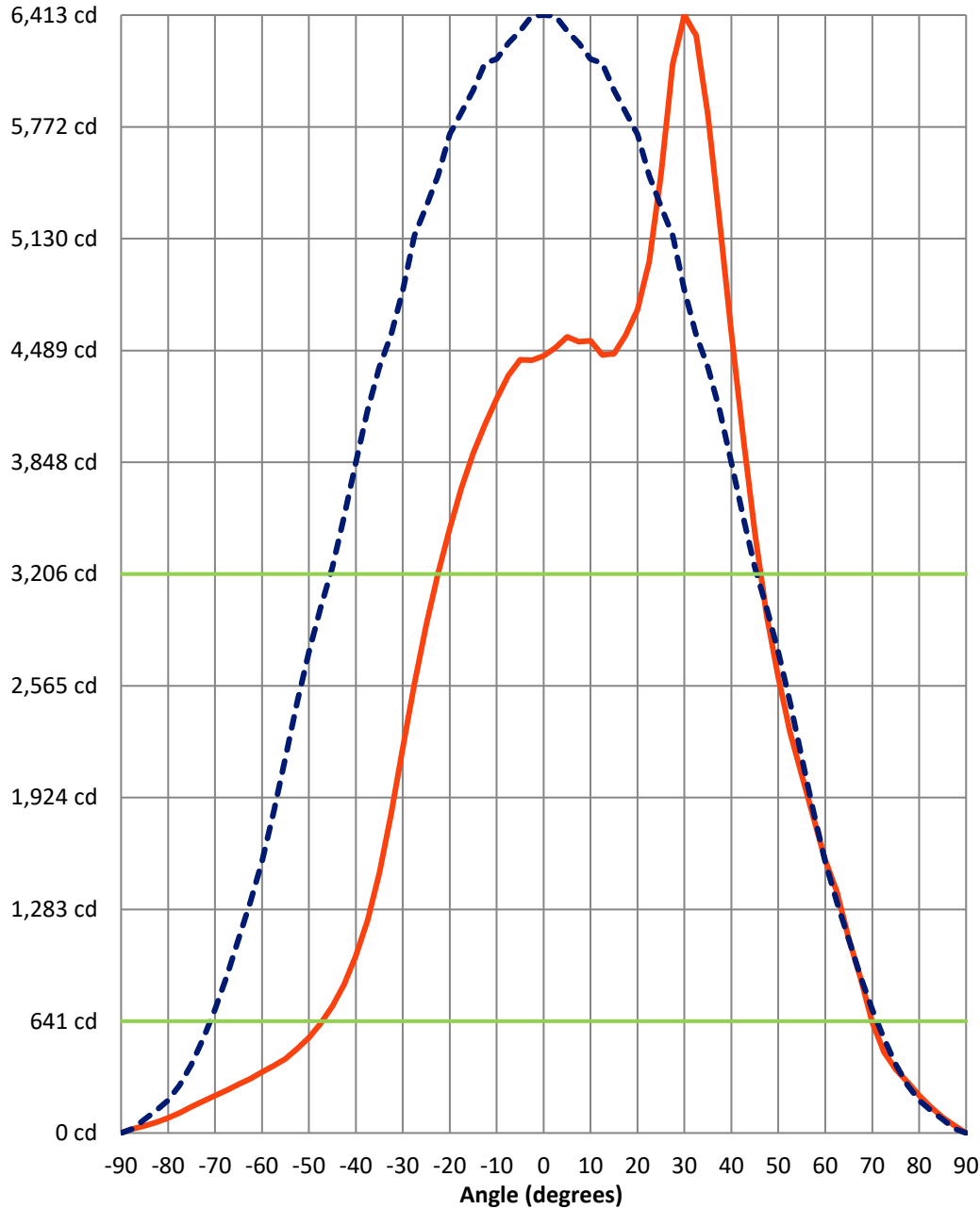
Luminous Intensity Polar Plot



— 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: 6224.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10031.6
 Efficiency: 93.7%

Spill:
 Lumens: 673
 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°	43.1	44.2	45.4	45.4	44.2	44.2	44.2	43.1	44.2	44.2	44.2
85°	89.6	91.9	94.1	93.0	91.9	89.6	87.3	88.5	89.6	90.7	90.7
82.5°	148.6	152.0	154.2	153.1	150.8	148.6	146.3	147.4	149.7	150.8	150.8
80°	215.5	216.6	217.7	220.0	216.6	216.6	215.5	220.0	222.3	224.5	226.8
77.5°	292.6	293.7	293.7	294.8	296.0	297.1	297.1	305.0	310.7	314.1	317.5
75°	365.2	368.6	372.0	375.4	379.9	382.2	385.6	396.9	406.0	412.8	419.6
72.5°	464.9	469.5	475.2	483.1	491.0	496.7	504.6	518.2	528.4	535.3	543.2
70°	636.2	640.7	646.4	652.1	660.0	665.7	673.6	690.6	700.8	705.4	709.9
67.5°	890.2	901.5	911.7	900.4	894.7	886.8	889.1	904.9	915.1	922.0	920.8
65°	1115.9	1123.8	1123.8	1122.7	1118.1	1107.9	1113.6	1132.9	1144.2	1149.9	1132.9
62.5°	1381.2	1381.2	1375.6	1384.6	1385.8	1379.0	1375.6	1376.7	1377.8	1381.2	1352.9
60°	1564.9	1576.3	1579.7	1587.6	1589.9	1589.9	1595.6	1600.1	1600.1	1593.3	1560.4
57.5°	1807.6	1829.2	1833.7	1828.0	1816.7	1801.9	1799.7	1792.9	1779.3	1765.7	1749.8
55°	2052.6	2063.9	2062.8	2059.4	2048.0	2031.0	2033.3	2024.2	2002.7	1985.7	1964.1
52.5°	2298.6	2325.9	2330.4	2323.6	2307.7	2289.6	2290.7	2280.5	2259.0	2240.8	2211.3
50°	2612.8	2635.4	2633.2	2621.8	2599.2	2585.5	2586.7	2567.4	2542.5	2536.8	2498.2
47.5°	2972.2	2998.3	2993.8	2977.9	2947.3	2941.6	2947.3	2922.3	2907.6	2895.1	2849.8
45°	3444.0	3474.6	3457.6	3427.0	3378.2	3383.9	3391.8	3387.3	3355.5	3322.7	3264.8
42.5°	3997.4	4016.7	3996.3	3965.6	3904.4	3915.7	3911.2	3884.0	3864.7	3810.3	3736.6
40°	4589.3	4631.3	4599.6	4551.9	4488.4	4505.4	4493.0	4457.8	4412.4	4344.4	4251.4
37.5°	5227.8	5260.7	5224.4	5168.8	5112.1	5106.5	5081.5	5027.1	4962.4	4887.6	4739.0
35°	5839.0	5924.1	5857.2	5768.7	5699.5	5673.5	5649.6	5523.8	5450.1	5328.7	5125.7
32.5°	6293.8	6356.1	6273.4	6181.5	6097.6	6061.3	5977.4	5827.7	5788.0	5532.8	5346.9
30°	6412.8	6408.3	6322.1	6251.8	6161.1	6136.1	5981.9	5854.9	5727.9	5492.0	5315.1
27.5°	6129.3	6101.0	6018.2	5957.0	5867.4	5837.9	5685.9	5617.9	5421.7	5222.1	5072.4
25°	5497.7	5512.4	5450.1	5419.4	5360.5	5297.0	5236.9	5145.0	5022.5	4847.9	4710.7
22.5°	4999.9	5019.1	4993.1	4956.8	4911.4	4876.2	4830.9	4759.4	4641.5	4533.8	4404.5
20°	4723.2	4717.5	4694.8	4667.6	4624.5	4599.6	4549.7	4489.6	4398.8	4305.8	4166.4
17.5°	4578.0	4542.9	4521.3	4511.1	4488.4	4456.7	4397.7	4336.5	4266.2	4160.7	4058.6
15°	4470.3	4475.9	4458.9	4451.0	4432.9	4388.6	4328.5	4278.6	4183.4	4130.1	4037.1
12.5°	4463.5	4457.8	4458.9	4455.5	4432.9	4376.2	4345.5	4282.0	4220.8	4150.5	4043.9
10°	4544.0	4483.9	4488.4	4504.3	4468.0	4422.6	4389.8	4320.6	4262.7	4173.2	4067.7
7.5°	4539.4	4508.8	4517.9	4491.8	4503.2	4447.6	4402.2	4333.1	4260.5	4165.2	4070.0
5°	4566.7	4520.2	4512.2	4514.5	4486.1	4444.2	4383.0	4317.2	4249.1	4142.5	4045.0
2.5°	4504.3	4511.1	4474.8	4461.2	4457.8	4387.5	4330.8	4267.3	4197.0	4102.9	4015.5
0°	4457.8	4470.3	4432.9	4413.6	4412.4	4352.3	4316.0	4243.5	4193.6	4115.3	4009.9
-2.5°	4432.9	4447.6	4452.1	4417.0	4383.0	4336.5	4275.2	4197.0	4115.3	4024.6	3933.9
-5°	4435.1	4405.6	4393.2	4404.5	4375.0	4328.5	4260.5	4191.3	4110.8	4013.3	3899.9
-7.5°	4345.5	4316.0	4313.8	4308.1	4301.3	4257.1	4200.4	4125.5	4043.9	3953.2	3847.7
-10°	4211.7	4190.2	4184.5	4178.8	4160.7	4134.6	4081.3	4013.3	3939.6	3848.8	3736.6
-12.5°	4063.2	4053.0	4031.4	4016.7	3998.5	3967.9	3916.9	3854.5	3780.8	3700.3	3603.9
-15°	3898.7	3879.5	3857.9	3845.4	3819.4	3783.1	3732.0	3674.2	3593.7	3514.3	3423.6
-17.5°	3700.3	3676.5	3652.7	3649.2	3631.1	3575.5	3527.9	3457.6	3387.3	3311.3	3222.9
-20°	3466.7	3433.8	3417.9	3408.8	3383.9	3343.1	3292.0	3227.4	3159.4	3086.8	2984.7



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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°	3208.1	3179.8	3152.6	3135.5	3114.0	3082.2	3033.5	2976.8	2909.9	2828.2	2734.1
-25°	2914.4	2874.7	2857.7	2838.4	2827.1	2797.6	2750.0	2697.8	2628.6	2549.3	2459.7
-27.5°	2578.7	2547.0	2537.9	2510.7	2497.1	2466.5	2426.8	2378.0	2314.5	2239.7	2166.0
-30°	2207.9	2188.6	2173.9	2146.7	2136.5	2103.6	2077.5	2036.7	1978.9	1925.6	1866.6
-32.5°	1826.9	1807.6	1803.1	1790.6	1783.8	1762.3	1732.8	1703.3	1656.8	1617.1	1569.5
-35°	1489.0	1475.3	1476.5	1475.3	1468.5	1452.7	1416.4	1408.4	1374.4	1338.1	1307.5
-37.5°	1219.1	1220.2	1219.1	1217.9	1208.9	1202.1	1176.0	1165.8	1145.4	1110.2	1092.1
-40°	1016.1	1018.3	1017.2	1014.9	1004.7	1001.3	984.3	970.7	962.8	937.8	918.5
-42.5°	851.6	855.0	853.9	852.8	846.0	844.8	835.8	819.9	815.4	800.6	780.2
-45°	726.9	725.8	723.5	725.8	722.4	719.0	713.3	703.1	697.4	690.6	673.6
-47.5°	628.2	629.4	627.1	627.1	622.6	619.2	616.9	610.1	605.6	599.9	589.7
-50°	546.6	551.1	550.0	548.9	545.5	543.2	543.2	536.4	529.6	527.3	520.5
-52.5°	483.1	486.5	487.6	489.9	491.0	492.2	488.8	482.0	470.6	469.5	466.1
-55°	425.3	435.5	442.3	446.8	451.3	454.7	447.9	438.9	427.5	423.0	421.9
-57.5°	385.6	395.8	403.7	410.5	416.2	421.9	415.0	406.0	395.8	390.1	389.0
-60°	349.3	358.3	366.3	375.4	383.3	392.4	389.0	382.2	376.5	372.0	367.4
-62.5°	310.7	319.8	328.9	340.2	350.4	359.5	360.6	359.5	358.3	359.5	351.5
-65°	279.0	283.5	289.2	301.6	313.0	323.2	328.9	332.3	337.9	343.6	335.7
-67.5°	244.9	250.6	257.4	266.5	275.6	282.4	290.3	299.4	308.5	317.5	311.9
-70°	214.3	218.9	224.5	229.1	234.7	239.3	246.1	256.3	266.5	275.6	273.3
-72.5°	182.6	187.1	190.5	192.8	196.2	198.5	201.9	210.9	217.7	222.3	222.3
-75°	150.8	155.4	158.8	159.9	162.2	163.3	165.6	169.0	172.4	173.5	174.6
-77.5°	115.7	120.2	123.6	125.9	128.1	130.4	131.5	133.8	134.9	134.9	136.1
-80°	86.2	89.6	91.9	95.3	96.4	98.7	100.9	102.1	103.2	103.2	104.3
-82.5°	61.2	63.5	65.8	68.0	70.3	71.4	73.7	74.8	76.0	77.1	78.2
-85°	40.8	43.1	45.4	47.6	48.8	49.9	51.0	52.2	53.3	54.4	55.6
-87.5°	23.8	24.9	26.1	28.4	29.5	31.8	32.9	31.8	32.9	32.9	32.9
-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):

	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°	44.2	44.2	44.2	44.2	43.1	40.8	39.7	37.4	35.2	32.9	30.6
85°	91.9	93.0	93.0	93.0	90.7	89.6	86.2	82.8	78.2	71.4	65.8
82.5°	153.1	154.2	154.2	153.1	150.8	147.4	142.9	137.2	128.1	119.1	111.1
80°	230.2	231.3	231.3	230.2	224.5	218.9	213.2	206.4	195.0	182.6	169.0
77.5°	322.1	324.3	324.3	320.9	313.0	306.2	297.1	285.8	268.8	250.6	232.5
75°	428.7	434.3	435.5	432.1	421.9	409.4	394.6	375.4	349.3	326.6	305.0
72.5°	552.3	557.9	562.5	557.9	543.2	526.2	504.6	482.0	455.9	425.3	389.0
70°	714.4	720.1	723.5	708.8	682.7	654.3	628.2	602.2	571.5	534.1	494.4
67.5°	918.5	912.9	906.1	876.6	843.7	809.7	773.4	734.8	695.1	655.5	609.0
65°	1114.7	1098.9	1084.1	1049.0	1007.0	962.8	920.8	877.7	830.1	780.2	736.0
62.5°	1321.1	1287.1	1250.8	1207.7	1164.6	1115.9	1073.9	1022.9	969.6	908.3	851.6
60°	1524.1	1483.3	1447.0	1393.7	1337.0	1271.2	1225.9	1176.0	1113.6	1047.8	980.9
57.5°	1720.3	1676.1	1636.4	1589.9	1528.6	1457.2	1407.3	1342.7	1276.9	1194.1	1126.1
55°	1929.0	1884.7	1853.0	1800.8	1733.9	1668.1	1613.7	1545.7	1453.8	1365.3	1281.4
52.5°	2168.2	2133.1	2099.1	2045.8	1965.2	1898.3	1838.2	1762.3	1665.9	1557.0	1456.1
50°	2435.9	2417.7	2381.4	2319.1	2227.2	2168.2	2088.8	1987.9	1884.7	1770.2	1644.3
47.5°	2790.8	2761.3	2710.3	2642.2	2565.1	2476.7	2370.1	2252.1	2105.9	1978.9	1845.0
45°	3214.9	3160.5	3094.7	3002.9	2907.6	2807.8	2691.0	2541.3	2345.1	2179.6	2039.0
42.5°	3674.2	3600.5	3510.9	3390.7	3267.1	3144.6	3018.7	2814.6	2569.7	2379.2	2220.4
40°	4153.9	4059.8	3947.5	3772.9	3635.6	3478.0	3334.0	3028.9	2768.1	2561.7	2392.8
37.5°	4623.4	4504.3	4316.0	4104.0	3944.1	3814.8	3498.4	3171.8	2938.2	2711.4	2540.2
35°	4982.8	4881.9	4549.7	4329.7	4192.4	3988.3	3592.5	3258.0	3010.8	2822.6	2556.1
32.5°	5196.0	4935.2	4643.8	4421.5	4308.1	3973.6	3599.4	3283.0	3044.8	2833.9	2515.2
30°	5148.4	4833.2	4578.0	4392.0	4145.9	3845.4	3535.8	3244.4	3013.1	2757.9	2469.9
27.5°	4861.5	4617.7	4389.8	4195.8	3954.3	3684.4	3398.6	3142.3	2926.9	2679.7	2407.5
25°	4537.2	4316.0	4147.1	3978.1	3749.0	3491.6	3239.9	3055.0	2838.4	2594.6	2325.9
22.5°	4238.9	4080.2	3947.5	3770.6	3547.2	3322.7	3166.2	2974.5	2752.2	2505.0	2241.9
20°	4048.4	3940.7	3788.7	3593.7	3417.9	3277.3	3103.8	2900.8	2671.7	2413.2	2170.5
17.5°	3956.6	3831.8	3662.9	3535.8	3400.9	3246.7	3052.8	2837.3	2593.5	2371.2	2178.4
15°	3908.9	3777.4	3666.3	3541.5	3389.6	3227.4	3011.9	2788.5	2593.5	2388.2	2184.1
12.5°	3919.1	3805.7	3684.4	3548.3	3385.0	3211.5	3016.5	2808.9	2607.1	2400.7	2185.2
10°	3950.9	3831.8	3702.5	3551.7	3387.3	3216.1	3028.9	2821.4	2613.9	2406.4	2183.0
7.5°	3962.2	3833.0	3694.6	3542.7	3381.6	3213.8	3031.2	2824.8	2615.0	2405.2	2176.2
5°	3927.1	3810.3	3676.5	3523.4	3365.7	3202.4	3022.1	2820.3	2606.0	2393.9	2159.2
2.5°	3879.5	3785.3	3657.2	3509.8	3349.9	3186.6	3007.4	2799.9	2585.5	2373.5	2137.6
0°	3871.5	3754.7	3625.4	3493.9	3323.8	3151.4	2973.4	2761.3	2548.1	2334.9	2100.2
-2.5°	3819.4	3695.7	3566.5	3423.6	3273.9	3100.4	2913.3	2705.8	2494.8	2285.0	2059.4
-5°	3779.7	3642.4	3505.2	3351.0	3200.2	3026.7	2832.8	2630.9	2424.5	2220.4	2002.7
-7.5°	3726.4	3585.7	3441.7	3280.7	3117.4	2940.5	2748.8	2547.0	2344.0	2141.0	1932.4
-10°	3618.6	3495.0	3360.1	3193.4	3021.0	2844.1	2653.6	2455.1	2252.1	2046.9	1837.1
-12.5°	3488.2	3357.8	3210.4	3057.3	2903.1	2738.6	2548.1	2353.1	2149.0	1942.6	1733.9
-15°	3319.3	3191.1	3040.3	2890.6	2742.0	2584.4	2416.6	2240.8	2033.3	1830.3	1621.6
-17.5°	3108.3	2988.1	2853.2	2710.3	2562.9	2404.1	2240.8	2092.3	1898.3	1707.8	1501.4
-20°	2881.5	2769.3	2647.9	2513.0	2365.5	2210.2	2056.0	1900.6	1732.8	1564.9	1373.3



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 CATALOG NUMBER: IFLD-S-SA2C-722-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2645.6	2532.2	2409.8	2283.9	2147.8	2003.8	1860.9	1712.4	1564.9	1413.0	1250.8
-25°	2373.5	2273.7	2161.4	2039.0	1917.6	1791.7	1655.7	1520.7	1394.8	1263.3	1130.6
-27.5°	2088.8	1997.0	1894.9	1788.3	1684.0	1578.5	1460.6	1335.9	1231.5	1122.7	1012.7
-30°	1789.5	1715.8	1633.0	1540.0	1459.5	1374.4	1275.8	1172.6	1077.3	994.5	906.1
-32.5°	1506.0	1443.6	1384.6	1323.4	1244.0	1178.2	1110.2	1034.2	950.3	872.1	808.6
-35°	1262.2	1195.2	1170.3	1124.9	1068.2	1010.4	960.5	906.1	842.6	773.4	721.2
-37.5°	1056.9	1017.2	982.1	957.1	919.7	873.2	833.5	793.8	745.0	692.9	640.7
-40°	897.0	869.8	831.2	818.8	794.9	763.2	722.4	691.7	658.9	619.2	574.9
-42.5°	768.9	748.4	723.5	702.0	691.7	669.1	637.3	607.8	581.7	554.5	520.5
-45°	663.4	649.8	633.9	614.6	606.7	588.6	565.9	533.0	518.2	495.6	470.6
-47.5°	578.3	571.5	560.2	547.7	536.4	522.8	502.4	482.0	461.5	446.8	427.5
-50°	511.4	506.9	500.1	489.9	475.2	466.1	452.5	434.3	415.0	402.6	389.0
-52.5°	458.1	453.6	449.1	441.1	429.8	420.7	409.4	394.6	378.8	366.3	354.9
-55°	417.3	410.5	407.1	400.3	391.2	381.0	370.8	360.6	347.0	335.7	324.3
-57.5°	385.6	376.5	372.0	366.3	357.2	347.0	339.1	328.9	319.8	307.3	297.1
-60°	360.6	350.4	341.3	335.7	327.7	317.5	309.6	301.6	292.6	282.4	269.9
-62.5°	340.2	327.7	315.3	308.5	300.5	291.4	283.5	275.6	266.5	256.3	244.9
-65°	320.9	306.2	290.3	283.5	275.6	266.5	256.3	250.6	242.7	233.6	222.3
-67.5°	297.1	281.2	267.6	259.7	251.8	243.8	234.7	229.1	221.1	209.8	198.5
-70°	262.0	251.8	242.7	235.9	229.1	222.3	213.2	204.1	195.0	184.8	174.6
-72.5°	217.7	214.3	213.2	209.8	201.9	193.9	184.8	175.8	167.8	159.9	152.0
-75°	175.8	178.0	180.3	179.2	171.2	163.3	155.4	147.4	141.8	134.9	128.1
-77.5°	139.5	141.8	144.0	144.0	138.3	133.8	128.1	122.5	117.9	112.3	105.5
-80°	107.7	111.1	114.5	116.8	112.3	108.9	104.3	99.8	95.3	90.7	86.2
-82.5°	81.6	85.1	88.5	90.7	87.3	85.1	81.6	78.2	74.8	70.3	66.9
-85°	59.0	61.2	63.5	64.6	62.4	60.1	57.8	55.6	53.3	49.9	47.6
-87.5°	34.0	35.2	36.3	37.4	35.2	32.9	31.8	29.5	28.4	26.1	24.9
-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):

	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°	28.4	26.1	23.8	22.7	20.4	17.0	14.7	12.5	10.2	7.9	6.8
85°	60.1	54.4	47.6	44.2	39.7	35.2	30.6	26.1	21.5	17.0	12.5
82.5°	103.2	96.4	89.6	81.6	71.4	59.0	46.5	38.6	31.8	24.9	19.3
80°	155.4	142.9	131.5	121.3	110.0	94.1	77.1	61.2	43.1	32.9	24.9
77.5°	215.5	200.7	184.8	167.8	149.7	128.1	108.9	88.5	66.9	45.4	31.8
75°	283.5	264.2	242.7	218.9	195.0	166.7	139.5	115.7	90.7	63.5	38.6
72.5°	359.5	335.7	309.6	277.8	240.4	207.5	174.6	142.9	113.4	80.5	52.2
70°	457.0	419.6	381.0	347.0	299.4	247.2	208.7	172.4	134.9	98.7	65.8
67.5°	561.3	516.0	469.5	419.6	359.5	298.2	242.7	201.9	157.6	115.7	78.2
65°	674.7	618.0	559.1	503.5	420.7	348.1	285.8	230.2	179.2	131.5	90.7
62.5°	791.5	724.6	656.6	584.0	488.8	399.2	326.6	262.0	199.6	146.3	102.1
60°	916.3	838.0	755.3	664.5	553.4	454.7	365.2	294.8	221.1	161.0	114.5
57.5°	1047.8	962.8	865.3	742.8	620.3	508.0	409.4	324.3	240.4	174.6	123.6
55°	1190.7	1093.2	986.6	824.4	686.1	561.3	453.6	353.8	260.8	186.0	132.7
52.5°	1344.9	1231.5	1096.6	910.6	755.3	615.8	494.4	379.9	280.1	198.5	140.6
50°	1517.3	1374.4	1193.0	990.0	815.4	666.8	535.3	408.2	296.0	212.1	147.4
47.5°	1696.5	1542.3	1279.2	1063.7	876.6	716.7	577.2	433.2	311.9	223.4	154.2
45°	1883.6	1659.1	1368.8	1129.5	929.9	762.1	609.0	455.9	331.1	233.6	159.9
42.5°	2068.4	1747.5	1447.0	1195.2	979.8	802.9	635.0	477.4	347.0	243.8	165.6
40°	2155.8	1814.4	1509.4	1240.6	1021.7	839.2	657.7	496.7	360.6	250.6	171.2
37.5°	2192.0	1855.2	1550.2	1283.7	1054.6	858.4	677.0	513.7	372.0	257.4	175.8
35°	2200.0	1870.0	1570.6	1313.2	1081.8	876.6	691.7	526.2	381.0	264.2	180.3
32.5°	2185.2	1865.4	1576.3	1323.4	1098.9	890.2	702.0	535.3	387.8	271.0	184.8
30°	2152.4	1841.6	1555.9	1322.3	1111.3	898.1	708.8	542.1	394.6	275.6	187.1
27.5°	2099.1	1799.7	1529.8	1323.4	1118.1	901.5	712.2	545.5	399.2	279.0	191.6
25°	2033.3	1743.0	1530.9	1321.1	1119.3	902.7	712.2	545.5	400.3	280.1	195.0
22.5°	1957.3	1743.0	1530.9	1317.7	1112.5	900.4	708.8	543.2	400.3	282.4	198.5
20°	1961.8	1744.1	1527.5	1310.9	1102.3	893.6	700.8	537.5	396.9	285.8	200.7
17.5°	1965.2	1741.8	1520.7	1301.8	1088.7	882.3	690.6	529.6	396.9	289.2	201.9
15°	1965.2	1735.0	1510.5	1288.2	1071.6	866.4	675.9	522.8	398.0	290.3	204.1
12.5°	1961.8	1722.6	1494.6	1270.1	1051.2	847.1	666.8	520.5	398.0	291.4	204.1
10°	1955.0	1705.6	1474.2	1247.4	1032.0	840.3	662.3	516.0	395.8	291.4	204.1
7.5°	1942.6	1685.1	1457.2	1233.8	1020.6	832.4	655.5	509.2	392.4	289.2	206.4
5°	1923.3	1673.8	1443.6	1217.9	1004.7	826.7	650.9	503.5	390.1	289.2	204.1
2.5°	1898.3	1660.2	1427.7	1197.5	986.6	807.4	636.2	491.0	382.2	284.6	201.9
0°	1857.5	1633.0	1400.5	1169.2	961.6	788.1	621.4	478.6	374.2	280.1	199.6
-2.5°	1820.1	1596.7	1365.3	1139.7	937.8	771.1	610.1	471.7	370.8	279.0	198.5
-5°	1767.9	1546.8	1318.9	1101.1	906.1	754.1	598.8	463.8	367.4	276.7	198.5
-7.5°	1710.1	1494.6	1270.1	1061.4	874.3	724.6	577.2	451.3	359.5	272.2	197.3
-10°	1620.5	1416.4	1208.9	1016.1	840.3	698.6	559.1	440.0	352.7	267.6	192.8
-12.5°	1525.2	1330.2	1138.5	960.5	801.7	671.3	538.7	427.5	344.7	263.1	190.5
-15°	1424.3	1241.7	1064.8	902.7	759.8	638.4	517.1	413.9	336.8	257.4	187.1
-17.5°	1318.9	1148.8	988.9	843.7	717.8	604.4	494.4	401.4	327.7	251.8	183.7
-20°	1207.7	1053.5	911.7	783.6	673.6	570.4	470.6	386.7	317.5	244.9	179.2



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1097.7	959.4	832.4	724.6	628.2	535.3	446.8	372.0	306.2	237.0	175.8
-25°	1000.2	870.9	762.1	667.9	584.0	501.2	421.9	357.2	293.7	229.1	171.2
-27.5°	904.9	794.9	692.9	614.6	540.9	468.3	398.0	341.3	281.2	220.0	166.7
-30°	816.5	722.4	638.4	562.5	500.1	438.9	377.6	325.5	267.6	210.9	161.0
-32.5°	736.0	660.0	589.7	517.1	461.5	409.4	358.3	309.6	254.0	201.9	155.4
-35°	661.1	602.2	540.9	479.7	423.0	382.2	337.9	292.6	241.5	191.6	149.7
-37.5°	594.2	546.6	497.8	445.7	396.9	356.1	318.7	275.6	229.1	182.6	144.0
-40°	536.4	497.8	454.7	412.8	372.0	333.4	299.4	258.6	216.6	175.8	138.3
-42.5°	483.1	453.6	418.5	383.3	347.0	313.0	280.1	240.4	204.1	167.8	132.7
-45°	442.3	412.8	384.4	352.7	322.1	292.6	259.7	224.5	192.8	158.8	127.0
-47.5°	403.7	377.6	351.5	325.5	300.5	273.3	240.4	210.9	180.3	150.8	122.5
-50°	369.7	344.7	322.1	299.4	277.8	251.8	221.1	197.3	170.1	142.9	116.8
-52.5°	337.9	316.4	293.7	275.6	257.4	231.3	206.4	183.7	159.9	133.8	111.1
-55°	309.6	289.2	268.8	251.8	234.7	212.1	191.6	172.4	149.7	127.0	105.5
-57.5°	282.4	265.4	246.1	230.2	213.2	195.0	178.0	159.9	139.5	120.2	99.8
-60°	257.4	241.5	224.5	208.7	193.9	179.2	163.3	148.6	130.4	112.3	94.1
-62.5°	232.5	218.9	204.1	188.2	176.9	163.3	150.8	136.1	121.3	105.5	83.9
-65°	209.8	197.3	183.7	170.1	159.9	149.7	138.3	124.7	112.3	97.5	74.8
-67.5°	187.1	175.8	164.4	153.1	144.0	136.1	124.7	114.5	104.3	88.5	65.8
-70°	165.6	156.5	146.3	137.2	130.4	121.3	113.4	104.3	95.3	77.1	55.6
-72.5°	145.2	136.1	128.1	121.3	115.7	107.7	100.9	94.1	81.6	64.6	46.5
-75°	121.3	115.7	111.1	105.5	99.8	94.1	88.5	80.5	68.0	52.2	36.3
-77.5°	99.8	96.4	93.0	88.5	83.9	79.4	72.6	64.6	54.4	40.8	29.5
-80°	81.6	78.2	76.0	71.4	68.0	63.5	56.7	49.9	39.7	31.8	23.8
-82.5°	62.4	60.1	57.8	55.6	52.2	47.6	40.8	35.2	29.5	23.8	18.1
-85°	44.2	43.1	40.8	38.6	35.2	31.8	27.2	23.8	20.4	15.9	12.5
-87.5°	22.7	21.5	20.4	19.3	18.1	15.9	13.6	11.3	10.2	7.9	5.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.5	3.4	1.1	0.0
85°	9.1	5.7	2.3	0.0
82.5°	13.6	9.1	3.4	0.0
80°	18.1	11.3	5.7	0.0
77.5°	22.7	13.6	6.8	0.0
75°	27.2	17.0	7.9	0.0
72.5°	30.6	19.3	9.1	0.0
70°	36.3	22.7	10.2	0.0
67.5°	45.4	24.9	11.3	0.0
65°	53.3	27.2	12.5	0.0
62.5°	62.4	29.5	13.6	0.0
60°	70.3	31.8	14.7	0.0
57.5°	78.2	37.4	15.9	0.0
55°	85.1	42.0	17.0	0.0
52.5°	93.0	46.5	18.1	0.0
50°	99.8	51.0	19.3	0.0
47.5°	105.5	55.6	19.3	0.0
45°	110.0	59.0	20.4	0.0
42.5°	113.4	62.4	21.5	0.0
40°	116.8	65.8	22.7	0.0
37.5°	120.2	69.2	22.7	0.0
35°	123.6	72.6	23.8	0.0
32.5°	127.0	76.0	23.8	0.0
30°	129.3	78.2	24.9	0.0
27.5°	132.7	80.5	24.9	0.0
25°	133.8	82.8	26.1	0.0
22.5°	136.1	83.9	26.1	0.0
20°	138.3	86.2	26.1	0.0
17.5°	139.5	87.3	27.2	0.0
15°	139.5	88.5	28.4	0.0
12.5°	140.6	89.6	28.4	0.0
10°	140.6	91.9	27.2	0.0
7.5°	142.9	90.7	27.2	0.0
5°	141.8	90.7	27.2	0.0
2.5°	140.6	89.6	27.2	0.0
0°	139.5	89.6	27.2	0.0
-2.5°	139.5	89.6	27.2	0.0
-5°	139.5	89.6	27.2	0.0
-7.5°	138.3	90.7	27.2	0.0
-10°	136.1	90.7	27.2	0.0
-12.5°	134.9	87.3	27.2	0.0
-15°	133.8	86.2	27.2	0.0
-17.5°	131.5	85.1	26.1	0.0
-20°	129.3	83.9	26.1	0.0



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 CATALOG NUMBER: IFLD-S-SA2C-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	127.0	81.6	26.1	0.0
-25°	124.7	79.4	24.9	0.0
-27.5°	122.5	77.1	24.9	0.0
-30°	119.1	74.8	23.8	0.0
-32.5°	115.7	72.6	23.8	0.0
-35°	113.4	69.2	22.7	0.0
-37.5°	110.0	65.8	22.7	0.0
-40°	106.6	62.4	21.5	0.0
-42.5°	103.2	59.0	20.4	0.0
-45°	98.7	55.6	20.4	0.0
-47.5°	95.3	52.2	19.3	0.0
-50°	89.6	47.6	18.1	0.0
-52.5°	82.8	43.1	17.0	0.0
-55°	76.0	39.7	15.9	0.0
-57.5°	69.2	35.2	15.9	0.0
-60°	62.4	30.6	14.7	0.0
-62.5°	55.6	28.4	13.6	0.0
-65°	48.8	26.1	12.5	0.0
-67.5°	40.8	22.7	11.3	0.0
-70°	34.0	20.4	10.2	0.0
-72.5°	29.5	18.1	9.1	0.0
-75°	24.9	15.9	7.9	0.0
-77.5°	21.5	13.6	6.8	0.0
-80°	17.0	10.2	4.5	0.0
-82.5°	12.5	7.9	3.4	0.0
-85°	7.9	5.7	2.3	0.0
-87.5°	4.5	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)