

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: P722224

Luminaire Tested: **IFLD-S-SA2E-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722224
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

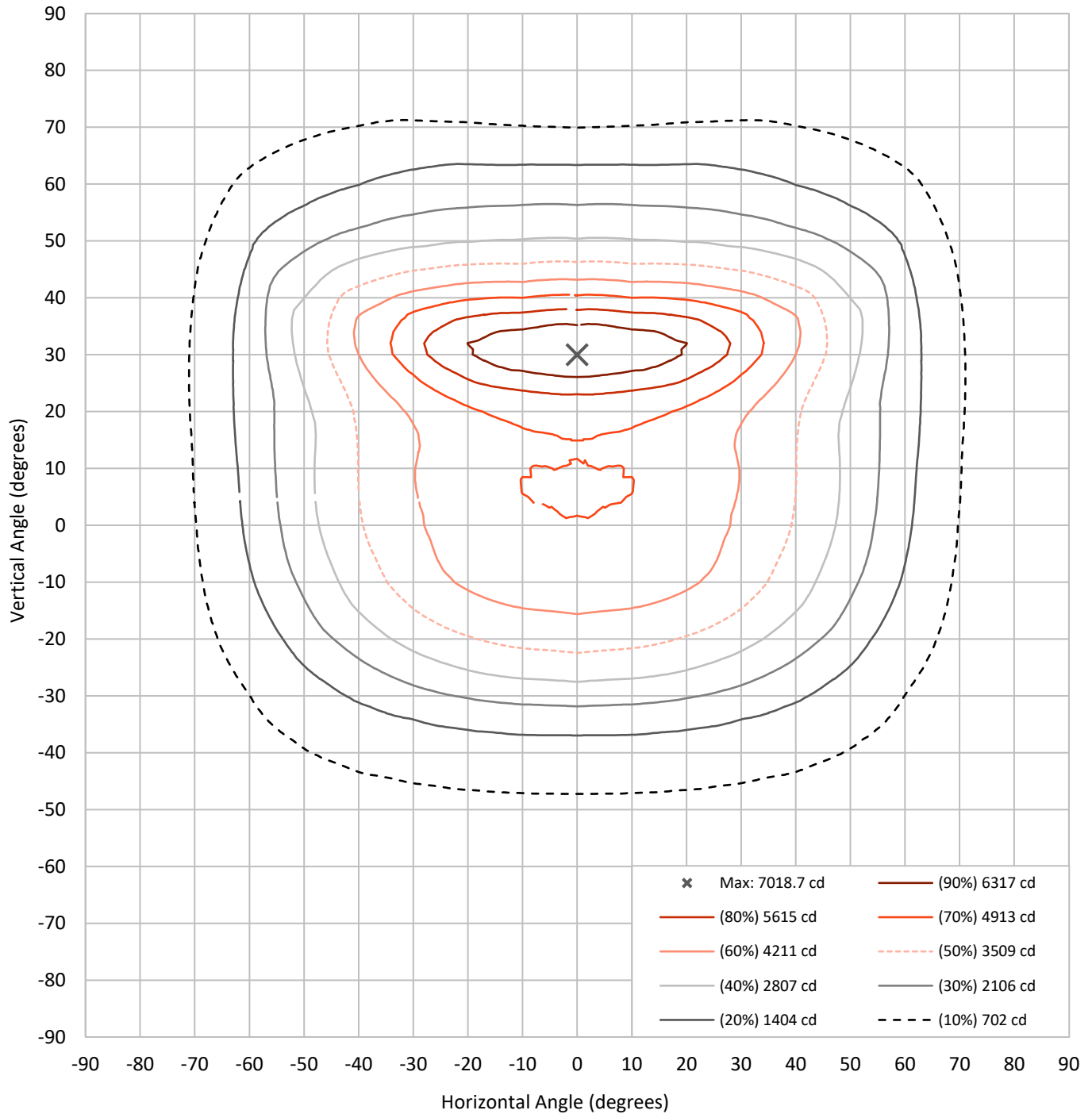
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 11716 lumens	Max Intensity: 7018.7 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 75.0 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 6813 lumens	Field Lumens: 10979.4 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 156.2
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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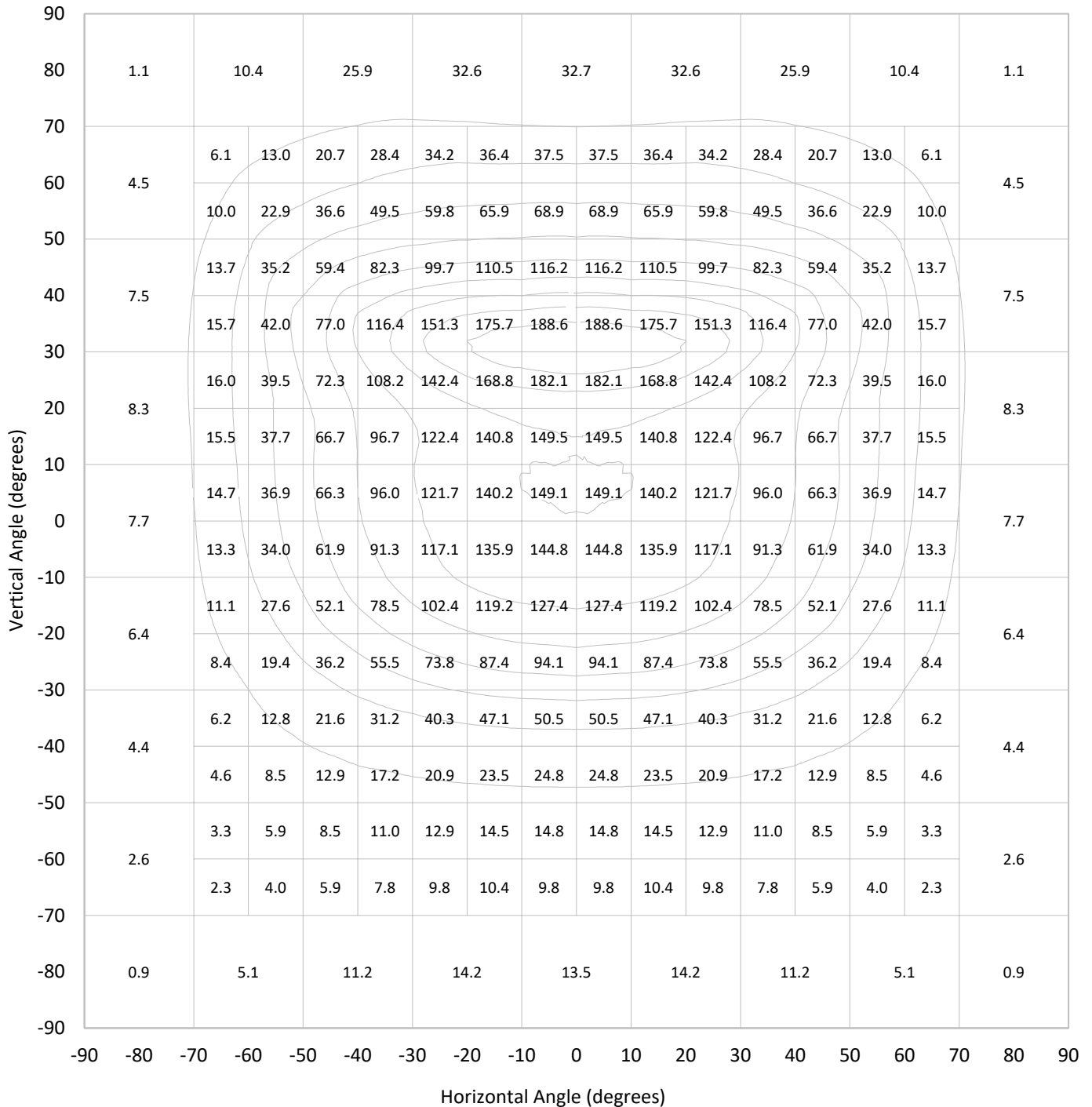
Iso-Candela Plot





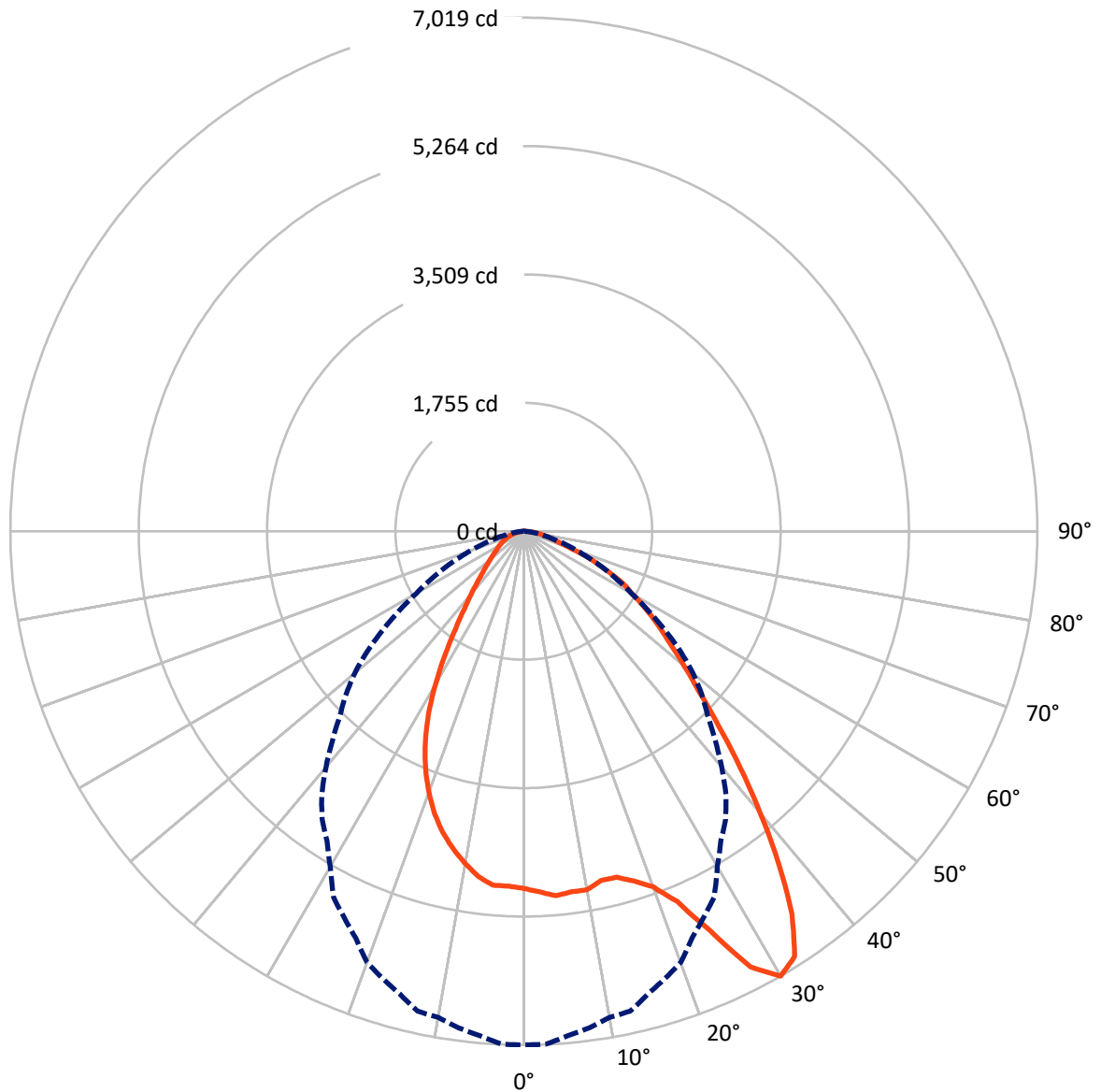
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Lumen Table



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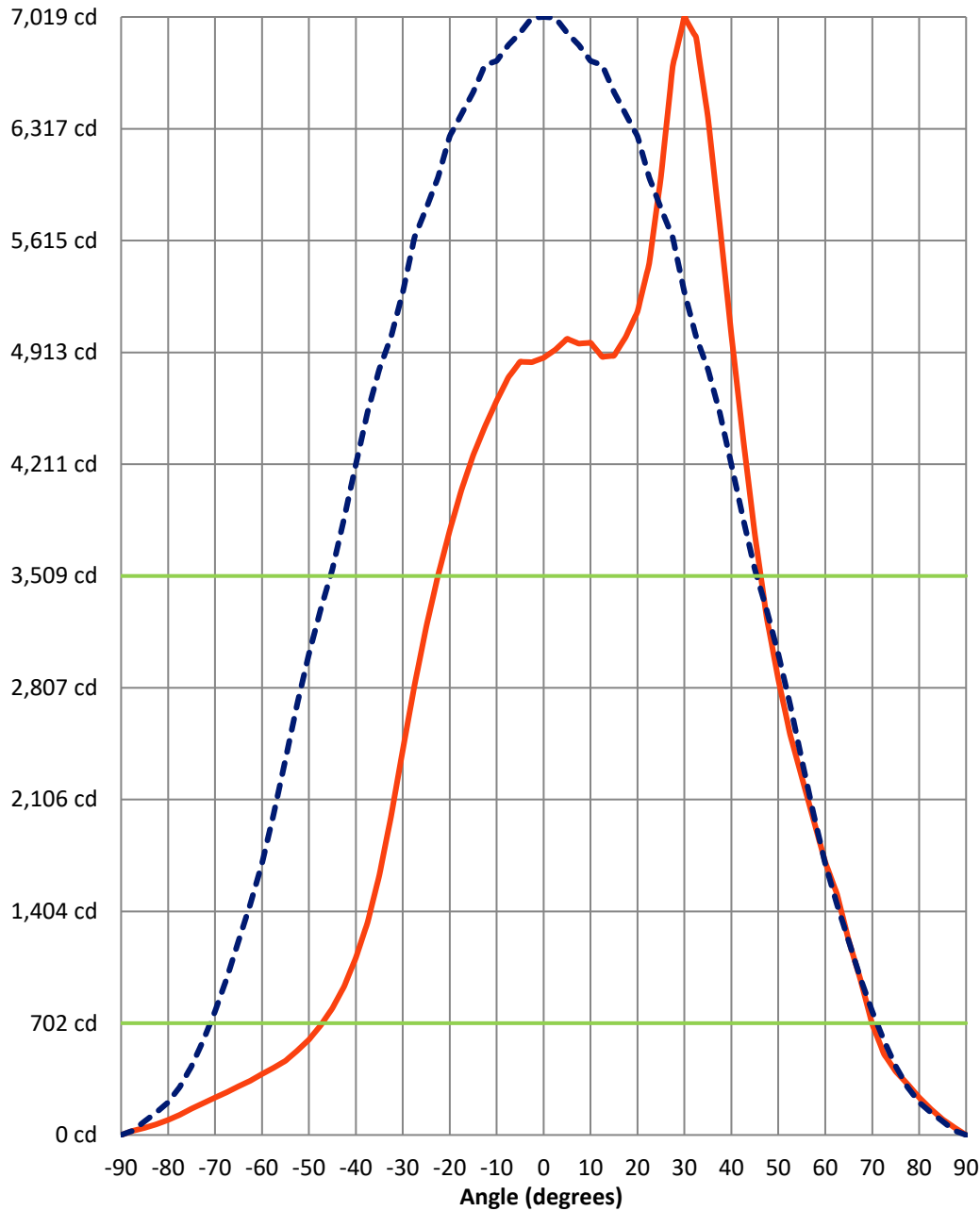
Luminous Intensity Polar Plot



— 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: 6813
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10979.4
 Efficiency: 93.7%

Spill:
 Lumens: 736.6
 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°	47.2	48.4	49.6	49.6	48.4	48.4	48.4	47.2	48.4	48.4	48.4
85°	98.1	100.5	103.0	101.8	100.5	98.1	95.6	96.8	98.1	99.3	99.3
82.5°	162.6	166.3	168.8	167.6	165.1	162.6	160.1	161.3	163.8	165.1	165.1
80°	235.8	237.1	238.3	240.8	237.1	237.1	235.8	240.8	243.3	245.7	248.2
77.5°	320.2	321.5	321.5	322.7	323.9	325.2	325.2	333.9	340.1	343.8	347.5
75°	399.6	403.4	407.1	410.8	415.8	418.3	422.0	434.4	444.3	451.8	459.2
72.5°	508.9	513.8	520.0	528.7	537.4	543.6	552.3	567.2	578.4	585.8	594.5
70°	696.3	701.2	707.5	713.7	722.3	728.6	737.2	755.9	767.0	772.0	777.0
67.5°	974.3	986.7	997.9	985.5	979.3	970.6	973.1	990.4	1001.6	1009.1	1007.8
65°	1221.3	1230.0	1230.0	1228.7	1223.8	1212.6	1218.8	1239.9	1252.3	1258.5	1239.9
62.5°	1511.7	1511.7	1505.5	1515.4	1516.7	1509.2	1505.5	1506.8	1508.0	1511.7	1480.7
60°	1712.8	1725.2	1728.9	1737.6	1740.1	1740.1	1746.3	1751.3	1751.3	1743.8	1707.8
57.5°	1978.4	2002.0	2006.9	2000.7	1988.3	1972.2	1969.7	1962.3	1947.4	1932.5	1915.1
55°	2246.5	2258.9	2257.6	2253.9	2241.5	2222.9	2225.4	2215.4	2191.9	2173.2	2149.7
52.5°	2515.8	2545.6	2550.6	2543.1	2525.7	2505.9	2507.1	2495.9	2472.4	2452.5	2420.2
50°	2859.6	2884.4	2881.9	2869.5	2844.7	2829.8	2831.1	2810.0	2782.7	2776.4	2734.2
47.5°	3253.0	3281.6	3276.6	3259.3	3225.7	3219.5	3225.7	3198.4	3182.3	3168.7	3119.0
45°	3769.4	3802.9	3784.3	3750.7	3697.4	3703.6	3712.3	3707.3	3672.6	3636.6	3573.3
42.5°	4375.0	4396.1	4373.8	4340.3	4273.3	4285.7	4280.7	4250.9	4229.8	4170.3	4089.6
40°	5022.9	5068.8	5034.1	4982.0	4912.5	4931.1	4917.4	4879.0	4829.3	4754.8	4653.1
37.5°	5721.7	5757.7	5718.0	5657.2	5595.1	5588.9	5561.6	5502.0	5431.3	5349.3	5186.8
35°	6390.7	6483.8	6410.5	6313.7	6238.0	6209.5	6183.4	6045.6	5965.0	5832.2	5610.0
32.5°	6888.4	6956.6	6866.0	6765.5	6673.7	6633.9	6542.1	6378.3	6334.8	6055.6	5852.0
30°	7018.7	7013.7	6919.4	6842.4	6743.2	6715.9	6547.1	6408.0	6269.0	6010.9	5817.3
27.5°	6708.4	6677.4	6586.8	6519.7	6421.7	6389.4	6223.1	6148.6	5933.9	5715.5	5551.7
25°	6017.1	6033.2	5965.0	5931.4	5866.9	5797.4	5731.6	5631.1	5497.0	5305.9	5155.7
22.5°	5472.2	5493.3	5464.8	5425.1	5375.4	5336.9	5287.3	5209.1	5080.0	4962.1	4820.6
20°	5169.4	5163.2	5138.4	5108.6	5061.4	5034.1	4979.5	4913.7	4814.4	4712.6	4560.0
17.5°	5010.5	4972.0	4948.5	4937.3	4912.5	4877.7	4813.2	4746.1	4669.2	4553.8	4442.1
15°	4892.6	4898.8	4880.2	4871.5	4851.6	4803.2	4737.5	4682.9	4578.6	4520.3	4418.5
12.5°	4885.2	4879.0	4880.2	4876.5	4851.6	4789.6	4756.1	4686.6	4619.6	4542.6	4425.9
10°	4973.3	4907.5	4912.5	4929.8	4890.1	4840.5	4804.5	4728.8	4665.5	4567.4	4452.0
7.5°	4968.3	4934.8	4944.7	4916.2	4928.6	4867.8	4818.1	4742.4	4663.0	4558.7	4454.5
5°	4998.1	4947.2	4938.5	4941.0	4910.0	4864.1	4797.0	4725.0	4650.6	4533.9	4427.2
2.5°	4929.8	4937.3	4897.6	4882.7	4879.0	4802.0	4739.9	4670.4	4593.5	4490.5	4394.9
0°	4879.0	4892.6	4851.6	4830.5	4829.3	4763.5	4723.8	4644.4	4589.8	4504.1	4388.7
-2.5°	4851.6	4867.8	4872.7	4834.3	4797.0	4746.1	4679.1	4593.5	4504.1	4404.8	4305.5
-5°	4854.1	4821.9	4808.2	4820.6	4788.3	4737.5	4663.0	4587.3	4499.2	4392.4	4268.3
-7.5°	4756.1	4723.8	4721.3	4715.1	4707.7	4659.3	4597.2	4515.3	4425.9	4326.6	4211.2
-10°	4609.6	4586.0	4579.8	4573.6	4553.8	4525.2	4466.9	4392.4	4311.7	4212.5	4089.6
-12.5°	4447.0	4435.9	4412.3	4396.1	4376.3	4342.8	4286.9	4218.7	4138.0	4049.9	3944.4
-15°	4267.1	4246.0	4222.4	4208.7	4180.2	4140.5	4084.6	4021.3	3933.2	3846.3	3747.0
-17.5°	4049.9	4023.8	3997.7	3994.0	3974.2	3913.3	3861.2	3784.3	3707.3	3624.2	3527.3
-20°	3794.2	3758.2	3740.8	3730.9	3703.6	3658.9	3603.1	3532.3	3457.8	3378.4	3266.7



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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°	3511.2	3480.2	3450.4	3431.8	3408.2	3373.4	3320.1	3258.0	3184.8	3095.4	2992.4
-25°	3189.7	3146.3	3127.7	3106.6	3094.2	3061.9	3009.8	2952.7	2877.0	2790.1	2692.0
-27.5°	2822.4	2787.6	2777.7	2747.9	2733.0	2699.5	2656.1	2602.7	2533.2	2451.3	2370.6
-30°	2416.5	2395.4	2379.3	2349.5	2338.3	2302.3	2273.8	2229.1	2165.8	2107.5	2042.9
-32.5°	1999.5	1978.4	1973.4	1959.8	1952.3	1928.7	1896.5	1864.2	1813.3	1769.9	1717.7
-35°	1629.6	1614.7	1616.0	1614.7	1607.3	1589.9	1550.2	1541.5	1504.3	1464.6	1431.0
-37.5°	1334.2	1335.5	1334.2	1333.0	1323.1	1315.6	1287.1	1275.9	1253.6	1215.1	1195.2
-40°	1112.1	1114.6	1113.3	1110.8	1099.7	1095.9	1077.3	1062.4	1053.7	1026.4	1005.3
-42.5°	932.1	935.8	934.6	933.3	925.9	924.7	914.7	897.3	892.4	876.3	853.9
-45°	795.6	794.3	791.9	794.3	790.6	786.9	780.7	769.5	763.3	755.9	737.2
-47.5°	687.6	688.8	686.4	686.4	681.4	677.7	675.2	667.7	662.8	656.6	645.4
-50°	598.2	603.2	602.0	600.7	597.0	594.5	594.5	587.1	579.6	577.1	569.7
-52.5°	528.7	532.5	533.7	536.2	537.4	538.7	534.9	527.5	515.1	513.8	510.1
-55°	465.4	476.6	484.0	489.0	494.0	497.7	490.3	480.3	467.9	462.9	461.7
-57.5°	422.0	433.2	441.8	449.3	455.5	461.7	454.3	444.3	433.2	427.0	425.7
-60°	382.3	392.2	400.9	410.8	419.5	429.4	425.7	418.3	412.1	407.1	402.1
-62.5°	340.1	350.0	359.9	372.3	383.5	393.4	394.7	393.4	392.2	393.4	384.8
-65°	305.3	310.3	316.5	330.1	342.6	353.7	359.9	363.7	369.9	376.1	367.4
-67.5°	268.1	274.3	281.7	291.7	301.6	309.0	317.7	327.7	337.6	347.5	341.3
-70°	234.6	239.5	245.7	250.7	256.9	261.9	269.3	280.5	291.7	301.6	299.1
-72.5°	199.8	204.8	208.5	211.0	214.7	217.2	220.9	230.9	238.3	243.3	243.3
-75°	165.1	170.0	173.8	175.0	177.5	178.7	181.2	184.9	188.7	189.9	191.1
-77.5°	126.6	131.6	135.3	137.8	140.2	142.7	144.0	146.5	147.7	147.7	148.9
-80°	94.3	98.1	100.5	104.3	105.5	108.0	110.5	111.7	112.9	112.9	114.2
-82.5°	67.0	69.5	72.0	74.5	77.0	78.2	80.7	81.9	83.2	84.4	85.6
-85°	44.7	47.2	49.6	52.1	53.4	54.6	55.9	57.1	58.3	59.6	60.8
-87.5°	26.1	27.3	28.5	31.0	32.3	34.8	36.0	34.8	36.0	36.0	36.0
-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°	48.4	48.4	48.4	48.4	47.2	44.7	43.4	41.0	38.5	36.0	33.5
85°	100.5	101.8	101.8	101.8	99.3	98.1	94.3	90.6	85.6	78.2	72.0
82.5°	167.6	168.8	168.8	167.6	165.1	161.3	156.4	150.2	140.2	130.3	121.6
80°	252.0	253.2	253.2	252.0	245.7	239.5	233.3	225.9	213.5	199.8	184.9
77.5°	352.5	355.0	355.0	351.2	342.6	335.1	325.2	312.8	294.2	274.3	254.4
75°	469.2	475.4	476.6	472.9	461.7	448.1	431.9	410.8	382.3	357.5	333.9
72.5°	604.4	610.6	615.6	610.6	594.5	575.9	552.3	527.5	498.9	465.4	425.7
70°	781.9	788.1	791.9	775.7	747.2	716.1	687.6	659.0	625.5	584.6	541.1
67.5°	1005.3	999.1	991.7	959.4	923.4	886.2	846.5	804.3	760.8	717.4	666.5
65°	1220.0	1202.7	1186.5	1148.1	1102.1	1053.7	1007.8	960.6	908.5	853.9	805.5
62.5°	1445.9	1408.7	1369.0	1321.8	1274.7	1221.3	1175.4	1119.5	1061.2	994.2	932.1
60°	1668.1	1623.4	1583.7	1525.4	1463.3	1391.3	1341.7	1287.1	1218.8	1146.8	1073.6
57.5°	1882.8	1834.4	1791.0	1740.1	1673.1	1594.9	1540.3	1469.5	1397.5	1306.9	1232.5
55°	2111.2	2062.8	2028.0	1970.9	1897.7	1825.7	1766.2	1691.7	1591.2	1494.3	1402.5
52.5°	2373.1	2334.6	2297.4	2239.0	2150.9	2077.7	2011.9	1928.7	1823.2	1704.1	1593.6
50°	2666.0	2646.1	2606.4	2538.1	2437.6	2373.1	2286.2	2175.7	2062.8	1937.4	1799.7
47.5°	3054.5	3022.2	2966.3	2891.9	2807.5	2710.7	2594.0	2464.9	2304.8	2165.8	2019.3
45°	3518.7	3459.1	3387.1	3286.6	3182.3	3073.1	2945.2	2781.4	2566.7	2385.5	2231.6
42.5°	4021.3	3940.6	3842.6	3711.0	3575.7	3441.7	3303.9	3080.5	2812.4	2603.9	2430.2
40°	4546.3	4443.3	4320.4	4129.3	3979.1	3806.6	3649.0	3315.1	3029.6	2803.8	2618.8
37.5°	5060.2	4929.8	4723.8	4491.7	4316.7	4175.2	3828.9	3471.5	3215.8	2967.6	2780.2
35°	5453.6	5343.1	4979.5	4738.7	4588.5	4365.1	3932.0	3565.8	3295.2	3089.2	2797.5
32.5°	5686.9	5401.5	5082.5	4839.2	4715.1	4349.0	3939.4	3593.1	3332.5	3101.6	2752.9
30°	5634.8	5289.8	5010.5	4807.0	4537.6	4208.7	3869.9	3550.9	3297.7	3018.5	2703.2
27.5°	5320.8	5054.0	4804.5	4592.2	4327.9	4032.5	3719.7	3439.2	3203.4	2932.8	2635.0
25°	4965.8	4723.8	4538.9	4353.9	4103.2	3821.5	3546.0	3343.7	3106.6	2839.7	2545.6
22.5°	4639.4	4465.6	4320.4	4126.8	3882.3	3636.6	3465.3	3255.5	3012.3	2741.7	2453.7
20°	4430.9	4313.0	4146.7	3933.2	3740.8	3586.9	3397.0	3174.9	2924.1	2641.2	2375.6
17.5°	4330.4	4193.8	4008.9	3869.9	3722.2	3553.4	3341.2	3105.4	2838.5	2595.2	2384.2
15°	4278.2	4134.3	4012.6	3876.1	3709.8	3532.3	3296.5	3052.0	2838.5	2613.9	2390.5
12.5°	4289.4	4165.3	4032.5	3883.6	3704.8	3514.9	3301.5	3074.3	2853.4	2627.5	2391.7
10°	4324.2	4193.8	4052.3	3887.3	3707.3	3519.9	3315.1	3088.0	2860.8	2633.7	2389.2
7.5°	4336.6	4195.1	4043.7	3877.3	3701.1	3517.4	3317.6	3091.7	2862.1	2632.5	2381.8
5°	4298.1	4170.3	4023.8	3856.2	3683.7	3505.0	3307.7	3086.7	2852.2	2620.1	2363.1
2.5°	4246.0	4143.0	4002.7	3841.4	3666.4	3487.6	3291.5	3064.4	2829.8	2597.7	2339.6
0°	4237.3	4109.4	3967.9	3824.0	3637.8	3449.1	3254.3	3022.2	2788.9	2555.5	2298.6
-2.5°	4180.2	4044.9	3903.4	3747.0	3583.2	3393.3	3188.5	2961.4	2730.5	2500.9	2253.9
-5°	4136.7	3986.6	3836.4	3667.6	3502.5	3312.6	3100.4	2879.5	2653.6	2430.2	2191.9
-7.5°	4078.4	3924.5	3766.9	3590.6	3411.9	3218.3	3008.5	2787.6	2565.5	2343.3	2114.9
-10°	3960.5	3825.2	3677.5	3495.1	3306.4	3112.8	2904.3	2687.1	2464.9	2240.3	2010.7
-12.5°	3817.8	3675.0	3513.7	3346.1	3177.3	2997.4	2788.9	2575.4	2352.0	2126.1	1897.7
-15°	3632.8	3492.6	3327.5	3163.7	3001.1	2828.6	2644.9	2452.5	2225.4	2003.2	1774.8
-17.5°	3402.0	3270.4	3122.7	2966.3	2805.0	2631.2	2452.5	2289.9	2077.7	1869.2	1643.3
-20°	3153.8	3030.9	2898.1	2750.4	2589.0	2419.0	2250.2	2080.2	1896.5	1712.8	1503.0



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CATALOG NUMBER: IFLD-S-SA2E-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2895.6	2771.5	2637.4	2499.7	2350.7	2193.1	2036.7	1874.1	1712.8	1546.5	1369.0
-25°	2597.7	2488.5	2365.6	2231.6	2098.8	1961.0	1812.1	1664.4	1526.6	1382.6	1237.4
-27.5°	2286.2	2185.7	2074.0	1957.3	1843.1	1727.7	1598.6	1462.1	1347.9	1228.7	1108.3
-30°	1958.5	1877.9	1787.3	1685.5	1597.4	1504.3	1396.3	1283.3	1179.1	1088.5	991.7
-32.5°	1648.2	1580.0	1515.4	1448.4	1361.5	1289.6	1215.1	1131.9	1040.1	954.4	884.9
-35°	1381.4	1308.2	1280.9	1231.2	1169.2	1105.9	1051.3	991.7	922.2	846.5	789.4
-37.5°	1156.7	1113.3	1074.8	1047.5	1006.6	955.7	912.2	868.8	815.4	758.3	701.2
-40°	981.7	952.0	909.8	896.1	870.0	835.3	790.6	757.1	721.1	677.7	629.3
-42.5°	841.5	819.2	791.9	768.3	757.1	732.3	697.5	665.3	636.7	606.9	569.7
-45°	726.1	711.2	693.8	672.7	664.0	644.2	619.3	583.3	567.2	542.4	515.1
-47.5°	633.0	625.5	613.1	599.5	587.1	572.2	549.8	527.5	505.1	489.0	467.9
-50°	559.8	554.8	547.3	536.2	520.0	510.1	495.2	475.4	454.3	440.6	425.7
-52.5°	501.4	496.5	491.5	482.8	470.4	460.5	448.1	431.9	414.5	400.9	388.5
-55°	456.7	449.3	445.6	438.1	428.2	417.0	405.9	394.7	379.8	367.4	355.0
-57.5°	422.0	412.1	407.1	400.9	391.0	379.8	371.1	359.9	350.0	336.4	325.2
-60°	394.7	383.5	373.6	367.4	358.7	347.5	338.8	330.1	320.2	309.0	295.4
-62.5°	372.3	358.7	345.0	337.6	328.9	319.0	310.3	301.6	291.7	280.5	268.1
-65°	351.2	335.1	317.7	310.3	301.6	291.7	280.5	274.3	265.6	255.7	243.3
-67.5°	325.2	307.8	292.9	284.2	275.5	266.8	256.9	250.7	242.0	229.6	217.2
-70°	286.7	275.5	265.6	258.2	250.7	243.3	233.3	223.4	213.5	202.3	191.1
-72.5°	238.3	234.6	233.3	229.6	220.9	212.2	202.3	192.4	183.7	175.0	166.3
-75°	192.4	194.9	197.3	196.1	187.4	178.7	170.0	161.3	155.1	147.7	140.2
-77.5°	152.7	155.1	157.6	157.6	151.4	146.5	140.2	134.0	129.1	122.9	115.4
-80°	117.9	121.6	125.4	127.8	122.9	119.2	114.2	109.2	104.3	99.3	94.3
-82.5°	89.4	93.1	96.8	99.3	95.6	93.1	89.4	85.6	81.9	77.0	73.2
-85°	64.5	67.0	69.5	70.7	68.3	65.8	63.3	60.8	58.3	54.6	52.1
-87.5°	37.2	38.5	39.7	41.0	38.5	36.0	34.8	32.3	31.0	28.5	27.3
-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°	31.0	28.5	26.1	24.8	22.3	18.6	16.1	13.7	11.2	8.7	7.4
85°	65.8	59.6	52.1	48.4	43.4	38.5	33.5	28.5	23.6	18.6	13.7
82.5°	112.9	105.5	98.1	89.4	78.2	64.5	50.9	42.2	34.8	27.3	21.1
80°	170.0	156.4	144.0	132.8	120.4	103.0	84.4	67.0	47.2	36.0	27.3
77.5°	235.8	219.7	202.3	183.7	163.8	140.2	119.2	96.8	73.2	49.6	34.8
75°	310.3	289.2	265.6	239.5	213.5	182.4	152.7	126.6	99.3	69.5	42.2
72.5°	393.4	367.4	338.8	304.1	263.1	227.1	191.1	156.4	124.1	88.1	57.1
70°	500.2	459.2	417.0	379.8	327.7	270.6	228.4	188.7	147.7	108.0	72.0
67.5°	614.4	564.7	513.8	459.2	393.4	326.4	265.6	220.9	172.5	126.6	85.6
65°	738.5	676.4	611.9	551.1	460.5	381.0	312.8	252.0	196.1	144.0	99.3
62.5°	866.3	793.1	718.6	639.2	534.9	436.9	357.5	286.7	218.4	160.1	111.7
60°	1002.8	917.2	826.6	727.3	605.7	497.7	399.6	322.7	242.0	176.2	125.4
57.5°	1146.8	1053.7	947.0	813.0	678.9	556.0	448.1	355.0	263.1	191.1	135.3
55°	1303.2	1196.5	1079.8	902.3	750.9	614.4	496.5	387.2	285.5	203.5	145.2
52.5°	1472.0	1347.9	1200.2	996.6	826.6	673.9	541.1	415.8	306.6	217.2	153.9
50°	1660.7	1504.3	1305.7	1083.5	892.4	729.8	585.8	446.8	323.9	232.1	161.3
47.5°	1856.8	1688.0	1400.0	1164.2	959.4	784.4	631.7	474.1	341.3	244.5	168.8
45°	2061.5	1815.8	1498.1	1236.2	1017.7	834.1	666.5	498.9	362.4	255.7	175.0
42.5°	2263.9	1912.6	1583.7	1308.2	1072.4	878.7	695.0	522.5	379.8	266.8	181.2
40°	2359.4	1985.8	1652.0	1357.8	1118.3	918.4	719.9	543.6	394.7	274.3	187.4
37.5°	2399.1	2030.5	1696.6	1405.0	1154.3	939.5	741.0	562.2	407.1	281.7	192.4
35°	2407.8	2046.7	1719.0	1437.2	1184.1	959.4	757.1	575.9	417.0	289.2	197.3
32.5°	2391.7	2041.7	1725.2	1448.4	1202.7	974.3	768.3	585.8	424.5	296.6	202.3
30°	2355.7	2015.6	1702.9	1447.2	1216.3	983.0	775.7	593.3	431.9	301.6	204.8
27.5°	2297.4	1969.7	1674.3	1448.4	1223.8	986.7	779.4	597.0	436.9	305.3	209.8
25°	2225.4	1907.6	1675.5	1445.9	1225.0	988.0	779.4	597.0	438.1	306.6	213.5
22.5°	2142.2	1907.6	1675.5	1442.2	1217.6	985.5	775.7	594.5	438.1	309.0	217.2
20°	2147.2	1908.9	1671.8	1434.8	1206.4	978.0	767.0	588.3	434.4	312.8	219.7
17.5°	2150.9	1906.4	1664.4	1424.8	1191.5	965.6	755.9	579.6	434.4	316.5	220.9
15°	2150.9	1899.0	1653.2	1409.9	1172.9	948.2	739.7	572.2	435.6	317.7	223.4
12.5°	2147.2	1885.3	1635.8	1390.1	1150.5	927.1	729.8	569.7	435.6	319.0	223.4
10°	2139.7	1866.7	1613.5	1365.3	1129.4	919.7	724.8	564.7	433.2	319.0	223.4
7.5°	2126.1	1844.3	1594.9	1350.4	1117.0	911.0	717.4	557.3	429.4	316.5	225.9
5°	2105.0	1831.9	1580.0	1333.0	1099.7	904.8	712.4	551.1	427.0	316.5	223.4
2.5°	2077.7	1817.0	1562.6	1310.7	1079.8	883.7	696.3	537.4	418.3	311.5	220.9
0°	2033.0	1787.3	1532.8	1279.6	1052.5	862.6	680.1	523.8	409.6	306.6	218.4
-2.5°	1992.0	1747.5	1494.3	1247.4	1026.4	844.0	667.7	516.3	405.9	305.3	217.2
-5°	1934.9	1692.9	1443.5	1205.2	991.7	825.4	655.3	507.6	402.1	302.8	217.2
-7.5°	1871.7	1635.8	1390.1	1161.7	956.9	793.1	631.7	494.0	393.4	297.9	216.0
-10°	1773.6	1550.2	1323.1	1112.1	919.7	764.5	611.9	481.6	386.0	292.9	211.0
-12.5°	1669.3	1455.9	1246.1	1051.3	877.5	734.8	589.5	467.9	377.3	287.9	208.5
-15°	1558.9	1359.1	1165.4	988.0	831.6	698.8	566.0	453.0	368.6	281.7	204.8
-17.5°	1443.5	1257.3	1082.3	923.4	785.6	661.5	541.1	439.4	358.7	275.5	201.1
-20°	1321.8	1153.0	997.9	857.6	737.2	624.3	515.1	423.2	347.5	268.1	196.1



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CATALOG NUMBER: IFLD-S-SA2E-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1201.4	1050.0	911.0	793.1	687.6	585.8	489.0	407.1	335.1	259.4	192.4
-25°	1094.7	953.2	834.1	731.0	639.2	548.6	461.7	391.0	321.5	250.7	187.4
-27.5°	990.4	870.0	758.3	672.7	592.0	512.6	435.6	373.6	307.8	240.8	182.4
-30°	893.6	790.6	698.8	615.6	547.3	480.3	413.3	356.2	292.9	230.9	176.2
-32.5°	805.5	722.3	645.4	566.0	505.1	448.1	392.2	338.8	278.0	220.9	170.0
-35°	723.6	659.0	592.0	525.0	462.9	418.3	369.9	320.2	264.4	209.8	163.8
-37.5°	650.4	598.2	544.9	487.8	434.4	389.7	348.8	301.6	250.7	199.8	157.6
-40°	587.1	544.9	497.7	451.8	407.1	364.9	327.7	283.0	237.1	192.4	151.4
-42.5°	528.7	496.5	458.0	419.5	379.8	342.6	306.6	263.1	223.4	183.7	145.2
-45°	484.0	451.8	420.7	386.0	352.5	320.2	284.2	245.7	211.0	173.8	139.0
-47.5°	441.8	413.3	384.8	356.2	328.9	299.1	263.1	230.9	197.3	165.1	134.0
-50°	404.6	377.3	352.5	327.7	304.1	275.5	242.0	216.0	186.2	156.4	127.8
-52.5°	369.9	346.3	321.5	301.6	281.7	253.2	225.9	201.1	175.0	146.5	121.6
-55°	338.8	316.5	294.2	275.5	256.9	232.1	209.8	188.7	163.8	139.0	115.4
-57.5°	309.0	290.4	269.3	252.0	233.3	213.5	194.9	175.0	152.7	131.6	109.2
-60°	281.7	264.4	245.7	228.4	212.2	196.1	178.7	162.6	142.7	122.9	103.0
-62.5°	254.4	239.5	223.4	206.0	193.6	178.7	165.1	148.9	132.8	115.4	91.8
-65°	229.6	216.0	201.1	186.2	175.0	163.8	151.4	136.5	122.9	106.7	81.9
-67.5°	204.8	192.4	180.0	167.6	157.6	148.9	136.5	125.4	114.2	96.8	72.0
-70°	181.2	171.3	160.1	150.2	142.7	132.8	124.1	114.2	104.3	84.4	60.8
-72.5°	158.9	148.9	140.2	132.8	126.6	117.9	110.5	103.0	89.4	70.7	50.9
-75°	132.8	126.6	121.6	115.4	109.2	103.0	96.8	88.1	74.5	57.1	39.7
-77.5°	109.2	105.5	101.8	96.8	91.8	86.9	79.4	70.7	59.6	44.7	32.3
-80°	89.4	85.6	83.2	78.2	74.5	69.5	62.1	54.6	43.4	34.8	26.1
-82.5°	68.3	65.8	63.3	60.8	57.1	52.1	44.7	38.5	32.3	26.1	19.9
-85°	48.4	47.2	44.7	42.2	38.5	34.8	29.8	26.1	22.3	17.4	13.7
-87.5°	24.8	23.6	22.3	21.1	19.9	17.4	14.9	12.4	11.2	8.7	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722224

CATALOG NUMBER: IFLD-S-SA2E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.0	3.7	1.2	0.0
85°	9.9	6.2	2.5	0.0
82.5°	14.9	9.9	3.7	0.0
80°	19.9	12.4	6.2	0.0
77.5°	24.8	14.9	7.4	0.0
75°	29.8	18.6	8.7	0.0
72.5°	33.5	21.1	9.9	0.0
70°	39.7	24.8	11.2	0.0
67.5°	49.6	27.3	12.4	0.0
65°	58.3	29.8	13.7	0.0
62.5°	68.3	32.3	14.9	0.0
60°	77.0	34.8	16.1	0.0
57.5°	85.6	41.0	17.4	0.0
55°	93.1	45.9	18.6	0.0
52.5°	101.8	50.9	19.9	0.0
50°	109.2	55.9	21.1	0.0
47.5°	115.4	60.8	21.1	0.0
45°	120.4	64.5	22.3	0.0
42.5°	124.1	68.3	23.6	0.0
40°	127.8	72.0	24.8	0.0
37.5°	131.6	75.7	24.8	0.0
35°	135.3	79.4	26.1	0.0
32.5°	139.0	83.2	26.1	0.0
30°	141.5	85.6	27.3	0.0
27.5°	145.2	88.1	27.3	0.0
25°	146.5	90.6	28.5	0.0
22.5°	148.9	91.8	28.5	0.0
20°	151.4	94.3	28.5	0.0
17.5°	152.7	95.6	29.8	0.0
15°	152.7	96.8	31.0	0.0
12.5°	153.9	98.1	31.0	0.0
10°	153.9	100.5	29.8	0.0
7.5°	156.4	99.3	29.8	0.0
5°	155.1	99.3	29.8	0.0
2.5°	153.9	98.1	29.8	0.0
0°	152.7	98.1	29.8	0.0
-2.5°	152.7	98.1	29.8	0.0
-5°	152.7	98.1	29.8	0.0
-7.5°	151.4	99.3	29.8	0.0
-10°	148.9	99.3	29.8	0.0
-12.5°	147.7	95.6	29.8	0.0
-15°	146.5	94.3	29.8	0.0
-17.5°	144.0	93.1	28.5	0.0
-20°	141.5	91.8	28.5	0.0



REPORT NUMBER: P722224

CATALOG NUMBER: IFLD-S-SA2E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	139.0	89.4	28.5	0.0
-25°	136.5	86.9	27.3	0.0
-27.5°	134.0	84.4	27.3	0.0
-30°	130.3	81.9	26.1	0.0
-32.5°	126.6	79.4	26.1	0.0
-35°	124.1	75.7	24.8	0.0
-37.5°	120.4	72.0	24.8	0.0
-40°	116.7	68.3	23.6	0.0
-42.5°	112.9	64.5	22.3	0.0
-45°	108.0	60.8	22.3	0.0
-47.5°	104.3	57.1	21.1	0.0
-50°	98.1	52.1	19.9	0.0
-52.5°	90.6	47.2	18.6	0.0
-55°	83.2	43.4	17.4	0.0
-57.5°	75.7	38.5	17.4	0.0
-60°	68.3	33.5	16.1	0.0
-62.5°	60.8	31.0	14.9	0.0
-65°	53.4	28.5	13.7	0.0
-67.5°	44.7	24.8	12.4	0.0
-70°	37.2	22.3	11.2	0.0
-72.5°	32.3	19.9	9.9	0.0
-75°	27.3	17.4	8.7	0.0
-77.5°	23.6	14.9	7.4	0.0
-80°	18.6	11.2	5.0	0.0
-82.5°	13.7	8.7	3.7	0.0
-85°	8.7	6.2	2.5	0.0
-87.5°	5.0	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)