

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: P721992

Luminaire Tested: **IFLD-S-SA2E-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721992
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

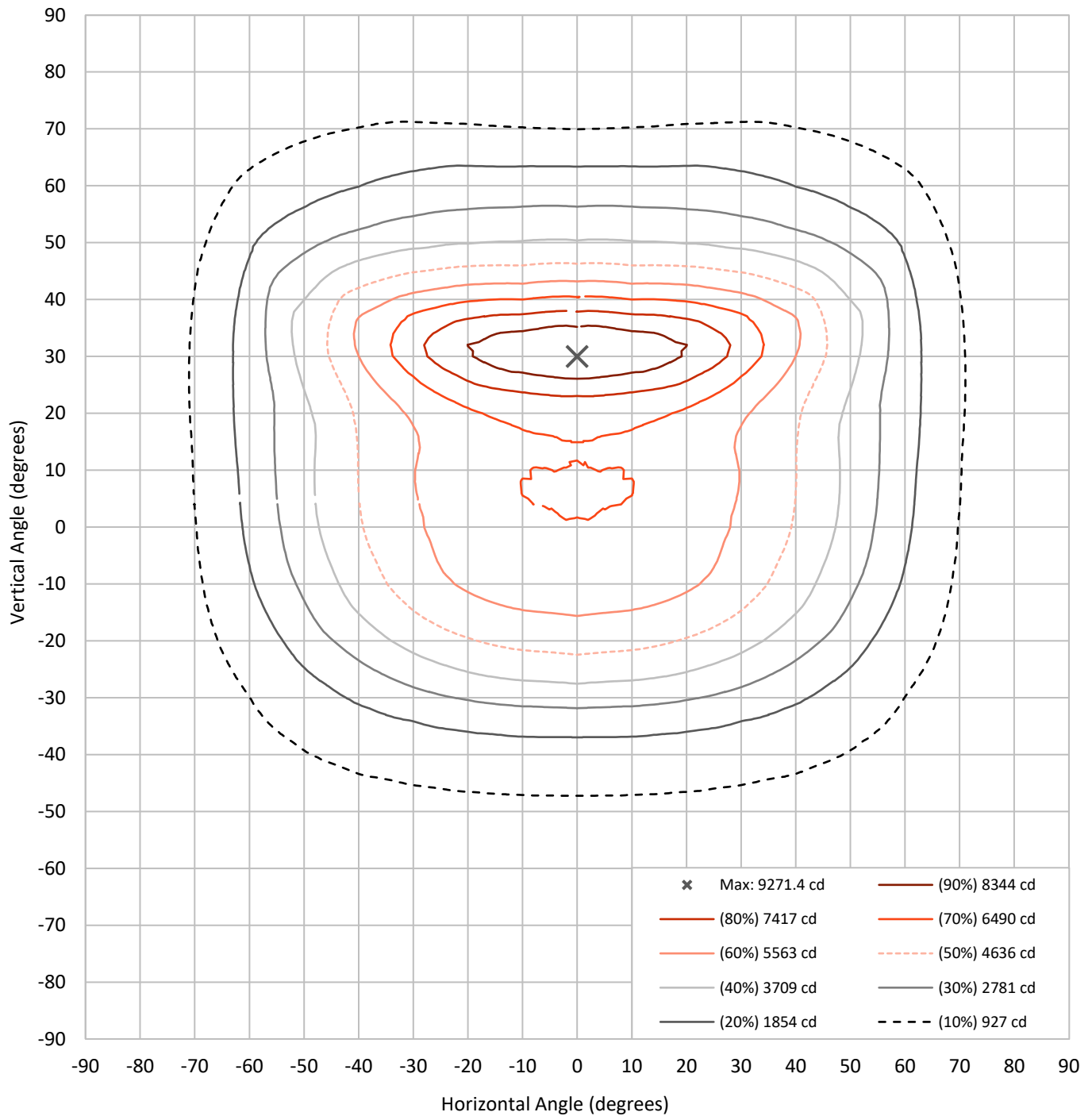
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15476.3 lumens	Max Intensity:	9271.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8999.7 lumens	Field Lumens:	14503.3 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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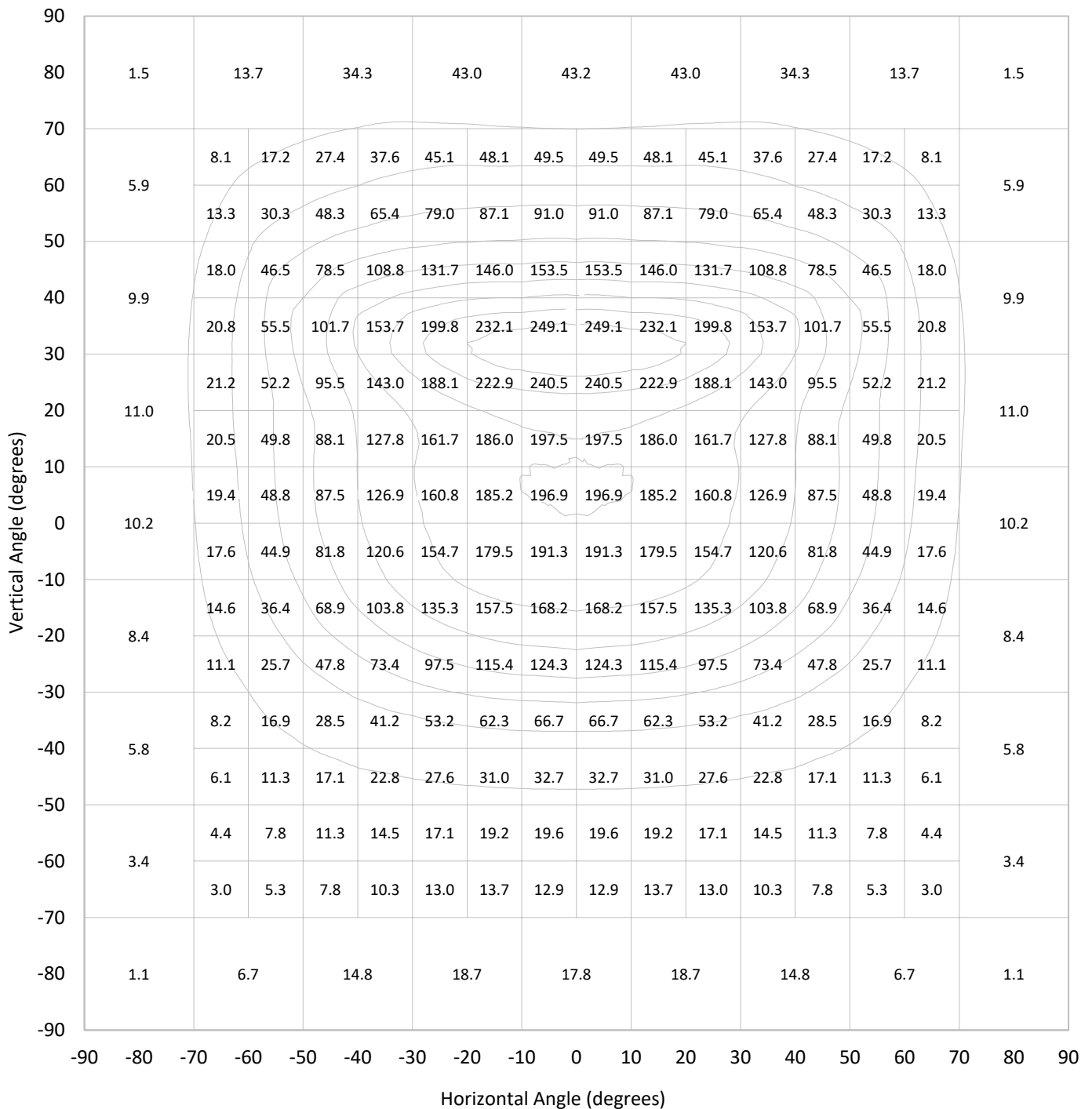
Iso-Candela Plot





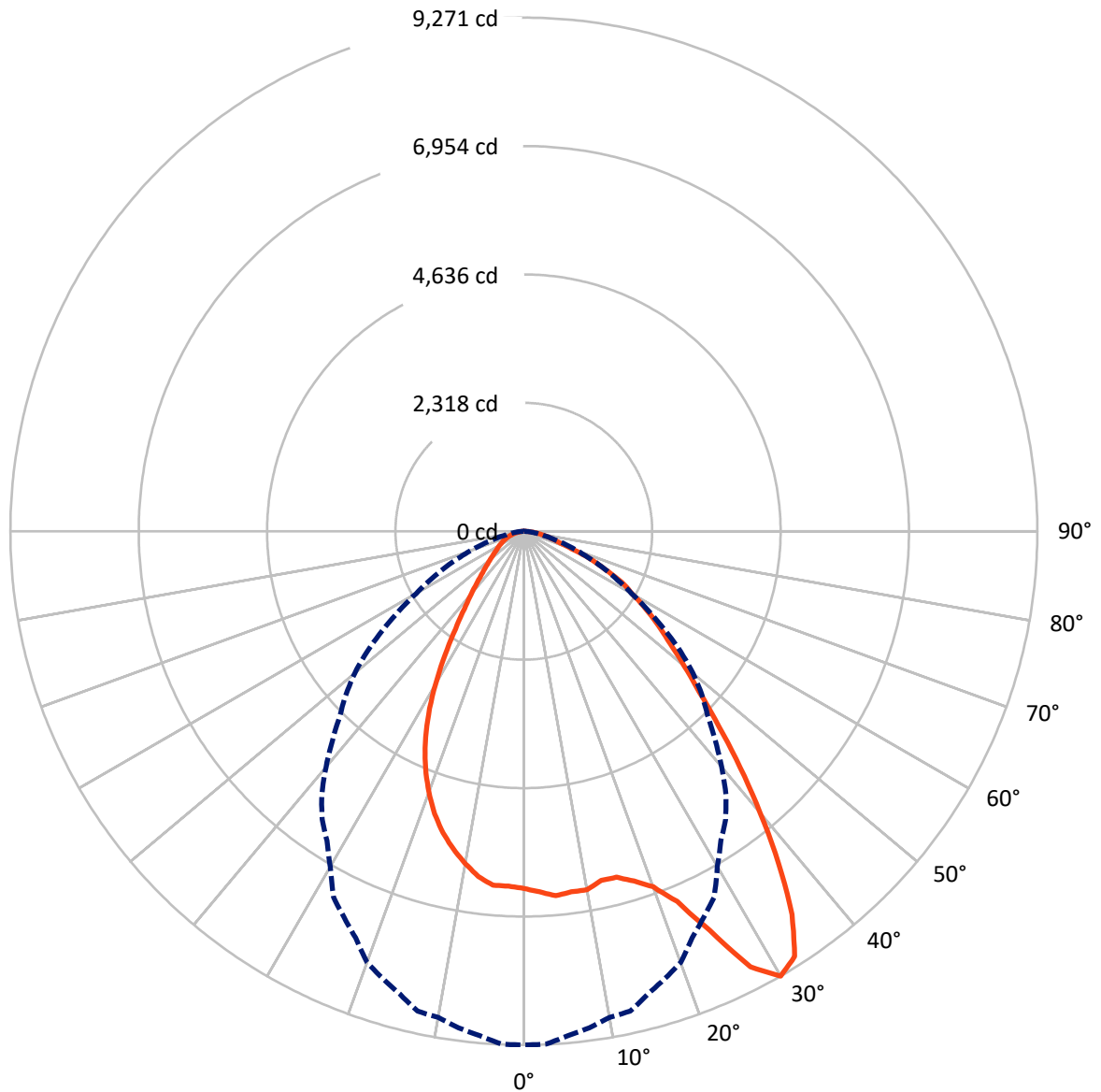
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Lumen Table



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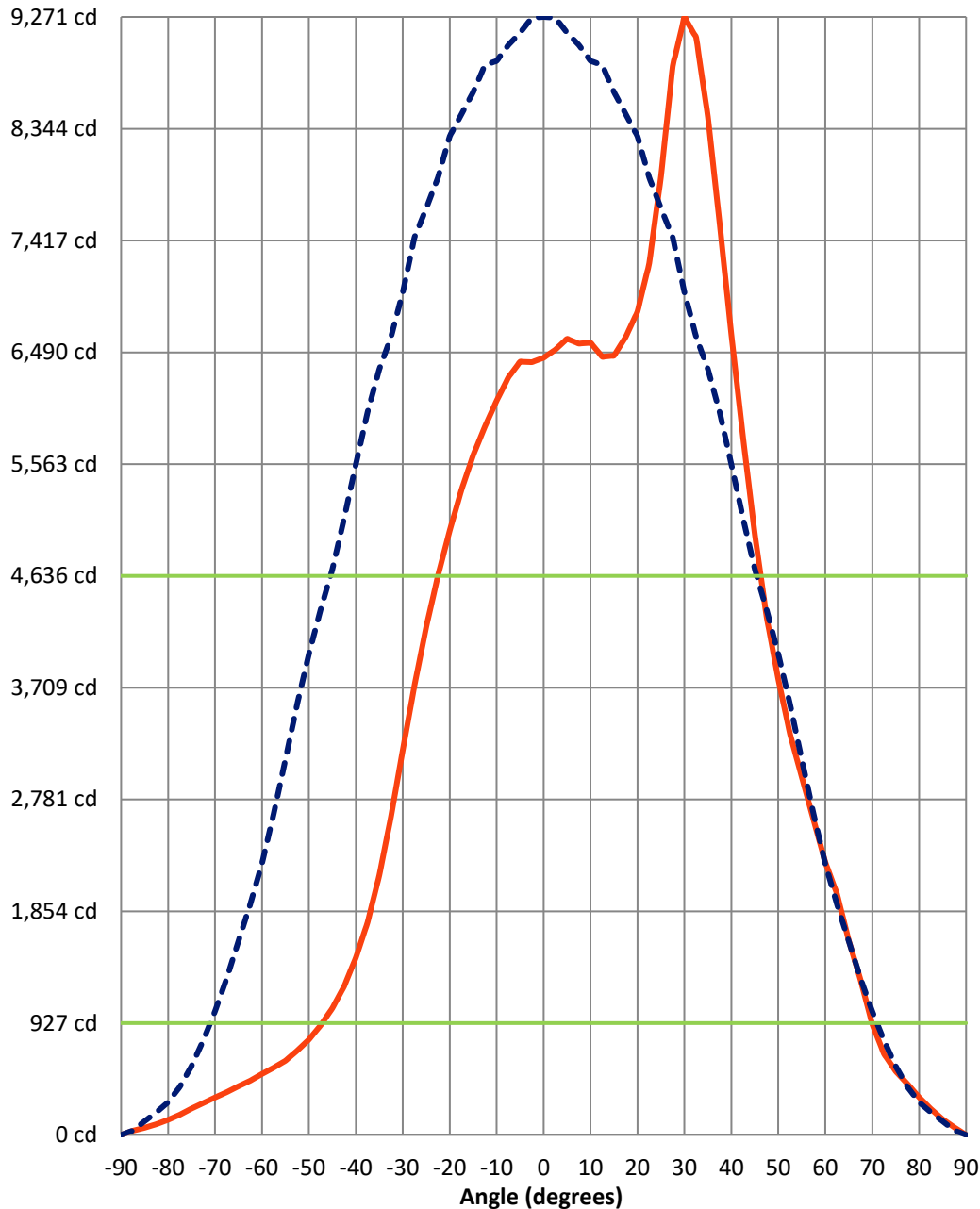
Luminous Intensity Polar Plot



— 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: 8999.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14503.3
 Efficiency: 93.7%

Spill:
 Lumens: 973
 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°	62.3	63.9	65.6	65.6	63.9	63.9	63.9	62.3	63.9	63.9	63.9
85°	129.5	132.8	136.1	134.4	132.8	129.5	126.2	127.9	129.5	131.2	131.2
82.5°	214.8	219.7	223.0	221.3	218.1	214.8	211.5	213.1	216.4	218.1	218.1
80°	311.5	313.1	314.8	318.1	313.1	313.1	311.5	318.1	321.3	324.6	327.9
77.5°	423.0	424.6	424.6	426.3	427.9	429.6	429.6	441.0	449.2	454.1	459.1
75°	527.9	532.8	537.8	542.7	549.2	552.5	557.4	573.8	586.9	596.8	606.6
72.5°	672.2	678.8	687.0	698.4	709.9	718.1	729.6	749.3	764.0	773.8	785.3
70°	919.8	926.3	934.5	942.7	954.2	962.4	973.9	998.5	1013.2	1019.8	1026.3
67.5°	1287.0	1303.4	1318.2	1301.8	1293.6	1282.1	1285.4	1308.3	1323.1	1332.9	1331.3
65°	1613.3	1624.8	1624.8	1623.1	1616.6	1601.8	1610.0	1637.9	1654.3	1662.5	1637.9
62.5°	1996.9	1996.9	1988.7	2001.8	2003.5	1993.6	1988.7	1990.4	1992.0	1996.9	1955.9
60°	2262.5	2278.9	2283.8	2295.3	2298.6	2298.6	2306.8	2313.3	2313.3	2303.5	2256.0
57.5°	2613.4	2644.5	2651.1	2642.9	2626.5	2605.2	2601.9	2592.1	2572.4	2552.7	2529.8
55°	2967.5	2983.9	2982.3	2977.3	2960.9	2936.4	2939.6	2926.5	2895.4	2870.8	2839.6
52.5°	3323.3	3362.6	3369.2	3359.3	3336.4	3310.2	3311.8	3297.0	3265.9	3239.7	3197.0
50°	3777.4	3810.2	3806.9	3790.5	3757.7	3738.1	3739.7	3711.8	3675.8	3667.6	3611.8
47.5°	4297.1	4334.9	4328.3	4305.3	4261.1	4252.9	4261.1	4225.0	4203.7	4185.7	4120.1
45°	4979.2	5023.4	4998.9	4954.6	4884.1	4892.3	4903.8	4897.2	4851.3	4803.8	4720.1
42.5°	5779.3	5807.1	5777.6	5733.4	5644.8	5661.2	5654.7	5615.3	5587.4	5508.7	5402.2
40°	6635.1	6695.7	6649.8	6581.0	6489.2	6513.8	6495.7	6444.9	6379.3	6281.0	6146.5
37.5°	7558.1	7605.7	7553.2	7472.9	7390.9	7382.7	7346.6	7267.9	7174.5	7066.3	6851.5
35°	8441.8	8564.8	8468.1	8340.2	8240.2	8202.5	8168.0	7986.0	7879.5	7704.0	7410.6
32.5°	9099.3	9189.4	9069.8	8937.0	8815.6	8763.2	8641.8	8425.4	8368.0	7999.2	7730.3
30°	9271.4	9264.9	9140.3	9038.6	8907.4	8871.4	8648.4	8464.8	8281.1	7940.1	7684.4
27.5°	8861.5	8820.5	8700.9	8612.3	8482.8	8440.2	8220.5	8122.1	7838.5	7549.9	7333.5
25°	7948.3	7969.6	7879.5	7835.2	7749.9	7658.1	7571.2	7438.4	7261.4	7008.9	6810.5
22.5°	7228.6	7256.5	7218.7	7166.3	7100.7	7049.9	6984.3	6881.0	6710.5	6554.7	6367.8
20°	6828.5	6820.3	6787.6	6748.2	6685.9	6649.8	6577.7	6490.8	6359.6	6225.2	6023.5
17.5°	6618.7	6567.9	6536.7	6522.0	6489.2	6443.3	6358.0	6269.5	6167.8	6015.4	5867.8
15°	6462.9	6471.1	6446.5	6435.1	6408.8	6344.9	6258.0	6185.9	6048.1	5971.1	5836.6
12.5°	6453.1	6444.9	6446.5	6441.6	6408.8	6326.9	6282.6	6190.8	6102.2	6000.6	5846.5
10°	6569.5	6482.6	6489.2	6512.1	6459.7	6394.1	6346.5	6246.5	6162.9	6033.4	5880.9
7.5°	6562.9	6518.7	6531.8	6494.1	6510.5	6430.1	6364.6	6264.6	6159.6	6021.9	5884.2
5°	6602.3	6535.1	6523.6	6526.9	6485.9	6425.2	6336.7	6241.6	6143.2	5989.1	5848.1
2.5°	6512.1	6522.0	6469.5	6449.8	6444.9	6343.3	6261.3	6169.5	6067.8	5931.7	5805.5
0°	6444.9	6462.9	6408.8	6381.0	6379.3	6292.4	6240.0	6135.0	6062.9	5949.8	5797.3
-2.5°	6408.8	6430.1	6436.7	6385.9	6336.7	6269.5	6180.9	6067.8	5949.8	5818.6	5687.4
-5°	6412.1	6369.5	6351.4	6367.8	6325.2	6258.0	6159.6	6059.6	5943.2	5802.2	5638.3
-7.5°	6282.6	6240.0	6236.7	6228.5	6218.6	6154.7	6072.7	5964.5	5846.5	5715.3	5562.8
-10°	6089.1	6058.0	6049.8	6041.6	6015.4	5977.6	5900.6	5802.2	5695.6	5564.5	5402.2
-12.5°	5874.4	5859.6	5828.4	5807.1	5780.9	5736.6	5662.9	5572.7	5466.1	5349.7	5210.4
-15°	5636.6	5608.8	5577.6	5559.6	5521.9	5469.4	5395.6	5312.0	5195.6	5080.8	4949.7
-17.5°	5349.7	5315.3	5280.9	5275.9	5249.7	5169.4	5100.5	4998.9	4897.2	4787.4	4659.5
-20°	5012.0	4964.4	4941.5	4928.4	4892.3	4833.3	4759.5	4666.0	4567.7	4462.7	4315.2



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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°	4638.2	4597.2	4557.8	4533.2	4502.1	4456.2	4385.7	4303.7	4207.0	4088.9	3952.9
-25°	4213.5	4156.2	4131.6	4103.7	4087.3	4044.7	3975.8	3900.4	3800.4	3685.6	3556.1
-27.5°	3728.2	3682.3	3669.2	3629.9	3610.2	3565.9	3508.5	3438.0	3346.2	3238.0	3131.5
-30°	3192.1	3164.2	3142.9	3103.6	3088.8	3041.3	3003.6	2944.6	2860.9	2783.9	2698.6
-32.5°	2641.2	2613.4	2606.8	2588.8	2578.9	2547.8	2505.2	2462.5	2395.3	2337.9	2269.1
-35°	2152.7	2133.0	2134.6	2133.0	2123.2	2100.2	2047.7	2036.3	1987.1	1934.6	1890.4
-37.5°	1762.5	1764.1	1762.5	1760.8	1747.7	1737.9	1700.2	1685.4	1655.9	1605.1	1578.8
-40°	1469.0	1472.3	1470.6	1467.4	1452.6	1447.7	1423.1	1403.4	1391.9	1355.9	1328.0
-42.5°	1231.3	1236.2	1234.5	1232.9	1223.1	1221.4	1208.3	1185.4	1178.8	1157.5	1128.0
-45°	1050.9	1049.3	1046.0	1049.3	1044.4	1039.4	1031.2	1016.5	1008.3	998.5	973.9
-47.5°	908.3	909.9	906.6	906.6	900.1	895.2	891.9	882.1	875.5	867.3	852.5
-50°	790.2	796.8	795.2	793.5	788.6	785.3	785.3	775.5	765.6	762.4	752.5
-52.5°	698.4	703.3	705.0	708.3	709.9	711.5	706.6	696.8	680.4	678.8	673.8
-55°	614.8	629.6	639.4	646.0	652.5	657.4	647.6	634.5	618.1	611.5	609.9
-57.5°	557.4	572.2	583.7	593.5	601.7	609.9	600.1	586.9	572.2	564.0	562.4
-60°	505.0	518.1	529.6	542.7	554.2	567.3	562.4	552.5	544.3	537.8	531.2
-62.5°	449.2	462.3	475.5	491.9	506.6	519.7	521.4	519.7	518.1	519.7	508.2
-65°	403.3	409.9	418.1	436.1	452.5	467.3	475.5	480.4	488.6	496.8	485.3
-67.5°	354.1	362.3	372.2	385.3	398.4	408.2	419.7	432.8	445.9	459.1	450.9
-70°	309.9	316.4	324.6	331.2	339.4	345.9	355.8	370.5	385.3	398.4	395.1
-72.5°	264.0	270.5	275.4	278.7	283.6	286.9	291.8	304.9	314.8	321.3	321.3
-75°	218.1	224.6	229.5	231.2	234.4	236.1	239.4	244.3	249.2	250.8	252.5
-77.5°	167.2	173.8	178.7	182.0	185.3	188.5	190.2	193.5	195.1	195.1	196.7
-80°	124.6	129.5	132.8	137.7	139.4	142.6	145.9	147.6	149.2	149.2	150.8
-82.5°	88.5	91.8	95.1	98.4	101.6	103.3	106.6	108.2	109.8	111.5	113.1
-85°	59.0	62.3	65.6	68.9	70.5	72.1	73.8	75.4	77.1	78.7	80.3
-87.5°	34.4	36.1	37.7	41.0	42.6	45.9	47.5	45.9	47.5	47.5	47.5
-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°	63.9	63.9	63.9	63.9	62.3	59.0	57.4	54.1	50.8	47.5	44.3
85°	132.8	134.4	134.4	134.4	131.2	129.5	124.6	119.7	113.1	103.3	95.1
82.5°	221.3	223.0	223.0	221.3	218.1	213.1	206.6	198.4	185.3	172.1	160.7
80°	332.8	334.5	334.5	332.8	324.6	316.4	308.2	298.4	282.0	264.0	244.3
77.5°	465.6	468.9	468.9	464.0	452.5	442.7	429.6	413.2	388.6	362.3	336.1
75°	619.7	627.9	629.6	624.7	609.9	591.9	570.5	542.7	505.0	472.2	441.0
72.5°	798.4	806.6	813.2	806.6	785.3	760.7	729.6	696.8	659.1	614.8	562.4
70°	1032.9	1041.1	1046.0	1024.7	987.0	946.0	908.3	870.6	826.3	772.2	714.8
67.5°	1328.0	1319.8	1310.0	1267.3	1219.8	1170.6	1118.1	1062.4	1005.0	947.6	880.4
65°	1611.6	1588.7	1567.4	1516.5	1455.9	1391.9	1331.3	1269.0	1200.1	1128.0	1064.0
62.5°	1910.0	1860.8	1808.4	1746.1	1683.8	1613.3	1552.6	1478.8	1401.8	1313.2	1231.3
60°	2203.5	2144.5	2092.0	2015.0	1933.0	1837.9	1772.3	1700.2	1610.0	1514.9	1418.2
57.5°	2487.1	2423.2	2365.8	2298.6	2210.1	2106.8	2034.6	1941.2	1846.1	1726.4	1628.0
55°	2788.8	2724.9	2679.0	2603.5	2506.8	2411.7	2333.0	2234.6	2101.8	1974.0	1852.6
52.5°	3134.7	3083.9	3034.7	2957.7	2841.3	2744.5	2657.6	2547.8	2408.4	2251.0	2105.1
50°	3521.7	3495.4	3443.0	3352.8	3220.0	3134.7	3020.0	2874.1	2724.9	2559.3	2377.3
47.5°	4034.8	3992.2	3918.4	3820.1	3708.6	3580.7	3426.6	3256.1	3044.6	2860.9	2667.5
45°	4648.0	4569.3	4474.2	4341.4	4203.7	4059.4	3890.5	3674.1	3390.5	3151.1	2947.8
42.5°	5312.0	5205.4	5075.9	4902.1	4723.4	4546.4	4364.4	4069.3	3715.1	3439.7	3210.2
40°	6005.5	5869.4	5707.1	5454.6	5256.3	5028.4	4820.2	4379.1	4002.0	3703.6	3459.4
37.5°	6684.3	6512.1	6240.0	5933.4	5702.2	5515.3	5057.9	4585.7	4248.0	3920.1	3672.5
35°	7204.0	7058.1	6577.7	6259.6	6061.3	5766.1	5194.0	4710.3	4352.9	4080.7	3695.4
32.5°	7512.2	7135.1	6713.8	6392.4	6228.5	5744.8	5203.8	4746.4	4402.1	4097.1	3636.4
30°	7443.4	6987.6	6618.7	6349.8	5994.0	5559.6	5112.0	4690.6	4356.2	3987.3	3570.8
27.5°	7028.6	6676.1	6346.5	6066.2	5717.0	5326.8	4913.6	4543.1	4231.6	3874.2	3480.7
25°	6559.7	6240.0	5995.7	5751.4	5420.2	5048.0	4684.1	4416.8	4103.7	3751.2	3362.6
22.5°	6128.5	5898.9	5707.1	5451.4	5128.4	4803.8	4577.5	4300.4	3979.1	3621.7	3241.3
20°	5853.0	5697.3	5477.6	5195.6	4941.5	4738.2	4487.3	4193.9	3862.7	3488.9	3138.0
17.5°	5720.2	5539.9	5295.6	5112.0	4916.9	4693.9	4413.6	4102.0	3749.6	3428.2	3149.5
15°	5651.4	5461.2	5300.5	5120.2	4900.5	4666.0	4354.5	4031.5	3749.6	3452.8	3157.7
12.5°	5666.1	5502.2	5326.8	5130.0	4893.9	4643.1	4361.1	4061.1	3769.2	3470.8	3159.3
10°	5712.0	5539.9	5353.0	5134.9	4897.2	4649.6	4379.1	4079.1	3779.1	3479.0	3156.1
7.5°	5728.4	5541.5	5341.5	5121.8	4889.0	4646.4	4382.4	4084.0	3780.7	3477.4	3146.2
5°	5677.6	5508.7	5315.3	5093.9	4866.1	4630.0	4369.3	4077.5	3767.6	3461.0	3121.6
2.5°	5608.8	5472.7	5287.4	5074.3	4843.1	4607.0	4348.0	4047.9	3738.1	3431.5	3090.5
0°	5597.3	5428.4	5241.5	5051.3	4805.4	4556.2	4298.8	3992.2	3684.0	3375.7	3036.4
-2.5°	5521.9	5343.2	5156.2	4949.7	4733.3	4482.4	4211.9	3911.9	3606.9	3303.6	2977.3
-5°	5464.5	5266.1	5067.7	4844.7	4626.7	4375.8	4095.5	3803.7	3505.3	3210.2	2895.4
-7.5°	5387.4	5184.1	4975.9	4743.1	4507.0	4251.2	3974.2	3682.3	3388.9	3095.4	2793.7
-10°	5231.7	5053.0	4857.9	4616.9	4367.6	4111.9	3836.4	3549.5	3256.1	2959.3	2656.0
-12.5°	5043.1	4854.6	4641.4	4420.1	4197.1	3959.4	3684.0	3402.0	3106.9	2808.5	2506.8
-15°	4798.8	4613.6	4395.5	4179.1	3964.3	3736.4	3493.8	3239.7	2939.6	2646.2	2344.5
-17.5°	4493.9	4320.1	4125.0	3918.4	3705.3	3475.8	3239.7	3024.9	2744.5	2469.1	2170.7
-20°	4166.0	4003.7	3828.2	3633.1	3420.0	3195.4	2972.4	2747.8	2505.2	2262.5	1985.4



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 CATALOG NUMBER: IFLD-S-SA2E-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3825.0	3661.0	3484.0	3302.0	3105.2	2897.0	2690.4	2475.7	2262.5	2042.8	1808.4
-25°	3431.5	3287.2	3124.9	2947.8	2772.4	2590.4	2393.7	2198.6	2016.6	1826.4	1634.6
-27.5°	3020.0	2887.2	2739.6	2585.5	2434.7	2282.2	2111.7	1931.3	1780.5	1623.1	1464.1
-30°	2587.1	2480.6	2360.9	2226.5	2110.0	1987.1	1844.4	1695.3	1557.5	1437.8	1310.0
-32.5°	2177.3	2087.1	2001.8	1913.3	1798.5	1703.4	1605.1	1495.2	1373.9	1260.8	1169.0
-35°	1824.8	1728.0	1692.0	1626.4	1544.4	1460.8	1388.7	1310.0	1218.2	1118.1	1042.7
-37.5°	1528.0	1470.6	1419.8	1383.7	1329.6	1262.4	1205.0	1147.7	1077.2	1001.7	926.3
-40°	1296.8	1257.5	1201.8	1183.7	1149.3	1103.4	1044.4	1000.1	952.6	895.2	831.2
-42.5°	1111.6	1082.1	1046.0	1014.9	1000.1	967.3	921.4	878.8	841.1	801.7	752.5
-45°	959.1	939.4	916.5	888.6	877.1	850.9	818.1	770.6	749.3	716.5	680.4
-47.5°	836.1	826.3	809.9	791.9	775.5	755.8	726.3	696.8	667.3	646.0	618.1
-50°	739.4	732.9	723.0	708.3	687.0	673.8	654.2	627.9	600.1	582.0	562.4
-52.5°	662.4	655.8	649.2	637.8	621.4	608.3	591.9	570.5	547.6	529.6	513.2
-55°	603.3	593.5	588.6	578.7	565.6	550.9	536.1	521.4	501.7	485.3	468.9
-57.5°	557.4	544.3	537.8	529.6	516.4	501.7	490.2	475.5	462.3	444.3	429.6
-60°	521.4	506.6	493.5	485.3	473.8	459.1	447.6	436.1	423.0	408.2	390.2
-62.5°	491.9	473.8	455.8	445.9	434.5	421.4	409.9	398.4	385.3	370.5	354.1
-65°	464.0	442.7	419.7	409.9	398.4	385.3	370.5	362.3	350.9	337.7	321.3
-67.5°	429.6	406.6	386.9	375.4	364.0	352.5	339.4	331.2	319.7	303.3	286.9
-70°	378.7	364.0	350.9	341.0	331.2	321.3	308.2	295.1	282.0	267.2	252.5
-72.5°	314.8	309.9	308.2	303.3	291.8	280.4	267.2	254.1	242.6	231.2	219.7
-75°	254.1	257.4	260.7	259.0	247.6	236.1	224.6	213.1	204.9	195.1	185.3
-77.5°	201.7	204.9	208.2	208.2	200.0	193.5	185.3	177.1	170.5	162.3	152.5
-80°	155.8	160.7	165.6	168.9	162.3	157.4	150.8	144.3	137.7	131.2	124.6
-82.5°	118.0	123.0	127.9	131.2	126.2	123.0	118.0	113.1	108.2	101.6	96.7
-85°	85.3	88.5	91.8	93.5	90.2	86.9	83.6	80.3	77.1	72.1	68.9
-87.5°	49.2	50.8	52.5	54.1	50.8	47.5	45.9	42.6	41.0	37.7	36.1
-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°	41.0	37.7	34.4	32.8	29.5	24.6	21.3	18.0	14.8	11.5	9.8
85°	86.9	78.7	68.9	63.9	57.4	50.8	44.3	37.7	31.2	24.6	18.0
82.5°	149.2	139.4	129.5	118.0	103.3	85.3	67.2	55.7	45.9	36.1	27.9
80°	224.6	206.6	190.2	175.4	159.0	136.1	111.5	88.5	62.3	47.5	36.1
77.5°	311.5	290.2	267.2	242.6	216.4	185.3	157.4	127.9	96.7	65.6	45.9
75°	409.9	382.0	350.9	316.4	282.0	241.0	201.7	167.2	131.2	91.8	55.7
72.5°	519.7	485.3	447.6	401.7	347.6	300.0	252.5	206.6	164.0	116.4	75.4
70°	660.7	606.6	550.9	501.7	432.8	357.4	301.7	249.2	195.1	142.6	95.1
67.5°	811.6	746.0	678.8	606.6	519.7	431.2	350.9	291.8	227.9	167.2	113.1
65°	975.5	893.5	808.3	727.9	608.3	503.3	413.2	332.8	259.0	190.2	131.2
62.5°	1144.4	1047.6	949.3	844.3	706.6	577.1	472.2	378.7	288.6	211.5	147.6
60°	1324.7	1211.6	1091.9	960.8	800.1	657.4	527.9	426.3	319.7	232.8	165.6
57.5°	1514.9	1391.9	1250.9	1073.9	896.8	734.5	591.9	468.9	347.6	252.5	178.7
55°	1721.5	1580.5	1426.4	1191.9	991.9	811.6	655.8	511.5	377.1	268.9	191.8
52.5°	1944.5	1780.5	1585.4	1316.5	1091.9	890.3	714.8	549.2	405.0	286.9	203.3
50°	2193.7	1987.1	1724.8	1431.3	1178.8	964.0	773.8	590.2	427.9	306.6	213.1
47.5°	2452.7	2229.7	1849.4	1537.9	1267.3	1036.2	834.5	626.3	450.9	323.0	223.0
45°	2723.2	2398.6	1978.9	1632.9	1344.4	1101.7	880.4	659.1	478.7	337.7	231.2
42.5°	2990.5	2526.5	2092.0	1728.0	1416.5	1160.8	918.1	690.2	501.7	352.5	239.4
40°	3116.7	2623.2	2182.2	1793.6	1477.2	1213.2	950.9	718.1	521.4	362.3	247.6
37.5°	3169.2	2682.2	2241.2	1855.9	1524.7	1241.1	978.8	742.7	537.8	372.2	254.1
35°	3180.6	2703.5	2270.7	1898.5	1564.1	1267.3	1000.1	760.7	550.9	382.0	260.7
32.5°	3159.3	2697.0	2278.9	1913.3	1588.7	1287.0	1014.9	773.8	560.7	391.8	267.2
30°	3111.8	2662.6	2249.4	1911.7	1606.7	1298.5	1024.7	783.7	570.5	398.4	270.5
27.5°	3034.7	2601.9	2211.7	1913.3	1616.6	1303.4	1029.6	788.6	577.1	403.3	277.1
25°	2939.6	2519.9	2213.3	1910.0	1618.2	1305.0	1029.6	788.6	578.7	405.0	282.0
22.5°	2829.8	2519.9	2213.3	1905.1	1608.4	1301.8	1024.7	785.3	578.7	408.2	286.9
20°	2836.3	2521.6	2208.4	1895.3	1593.6	1291.9	1013.2	777.1	573.8	413.2	290.2
17.5°	2841.3	2518.3	2198.6	1882.2	1573.9	1275.5	998.5	765.6	573.8	418.1	291.8
15°	2841.3	2508.4	2183.8	1862.5	1549.3	1252.6	977.1	755.8	575.5	419.7	295.1
12.5°	2836.3	2490.4	2160.9	1836.2	1519.8	1224.7	964.0	752.5	575.5	421.4	295.1
10°	2826.5	2465.8	2131.4	1803.5	1492.0	1214.9	957.5	746.0	572.2	421.4	295.1
7.5°	2808.5	2436.3	2106.8	1783.8	1475.6	1203.4	947.6	736.1	567.3	418.1	298.4
5°	2780.6	2419.9	2087.1	1760.8	1452.6	1195.2	941.1	727.9	564.0	418.1	295.1
2.5°	2744.5	2400.2	2064.1	1731.3	1426.4	1167.3	919.8	709.9	552.5	411.5	291.8
0°	2685.5	2360.9	2024.8	1690.3	1390.3	1139.5	898.4	691.9	541.0	405.0	288.6
-2.5°	2631.4	2308.4	1974.0	1647.7	1355.9	1114.9	882.1	682.0	536.1	403.3	286.9
-5°	2556.0	2236.3	1906.7	1592.0	1310.0	1090.3	865.7	670.6	531.2	400.0	286.9
-7.5°	2472.4	2160.9	1836.2	1534.6	1264.1	1047.6	834.5	652.5	519.7	393.5	285.3
-10°	2342.9	2047.7	1747.7	1469.0	1214.9	1009.9	808.3	636.1	509.9	386.9	278.7
-12.5°	2205.1	1923.1	1646.1	1388.7	1159.1	970.6	778.8	618.1	498.4	380.4	275.4
-15°	2059.2	1795.3	1539.5	1305.0	1098.5	923.0	747.6	598.4	486.9	372.2	270.5
-17.5°	1906.7	1660.8	1429.7	1219.8	1037.8	873.9	714.8	580.4	473.8	364.0	265.6
-20°	1746.1	1523.1	1318.2	1132.9	973.9	824.7	680.4	559.1	459.1	354.1	259.0



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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°	1587.0	1387.0	1203.4	1047.6	908.3	773.8	646.0	537.8	442.7	342.7	254.1
-25°	1446.0	1259.1	1101.7	965.7	844.3	724.7	609.9	516.4	424.6	331.2	247.6
-27.5°	1308.3	1149.3	1001.7	888.6	782.0	677.1	575.5	493.5	406.6	318.1	241.0
-30°	1180.4	1044.4	923.0	813.2	723.0	634.5	546.0	470.5	386.9	304.9	232.8
-32.5°	1064.0	954.2	852.5	747.6	667.3	591.9	518.1	447.6	367.2	291.8	224.6
-35°	955.8	870.6	782.0	693.5	611.5	552.5	488.6	423.0	349.2	277.1	216.4
-37.5°	859.1	790.2	719.7	644.3	573.8	514.8	460.7	398.4	331.2	264.0	208.2
-40°	775.5	719.7	657.4	596.8	537.8	482.0	432.8	373.8	313.1	254.1	200.0
-42.5°	698.4	655.8	605.0	554.2	501.7	452.5	405.0	347.6	295.1	242.6	191.8
-45°	639.4	596.8	555.8	509.9	465.6	423.0	375.4	324.6	278.7	229.5	183.6
-47.5°	583.7	546.0	508.2	470.5	434.5	395.1	347.6	304.9	260.7	218.1	177.1
-50°	534.5	498.4	465.6	432.8	401.7	364.0	319.7	285.3	245.9	206.6	168.9
-52.5°	488.6	457.4	424.6	398.4	372.2	334.5	298.4	265.6	231.2	193.5	160.7
-55°	447.6	418.1	388.6	364.0	339.4	306.6	277.1	249.2	216.4	183.6	152.5
-57.5°	408.2	383.6	355.8	332.8	308.2	282.0	257.4	231.2	201.7	173.8	144.3
-60°	372.2	349.2	324.6	301.7	280.4	259.0	236.1	214.8	188.5	162.3	136.1
-62.5°	336.1	316.4	295.1	272.2	255.8	236.1	218.1	196.7	175.4	152.5	121.3
-65°	303.3	285.3	265.6	245.9	231.2	216.4	200.0	180.3	162.3	141.0	108.2
-67.5°	270.5	254.1	237.7	221.3	208.2	196.7	180.3	165.6	150.8	127.9	95.1
-70°	239.4	226.3	211.5	198.4	188.5	175.4	164.0	150.8	137.7	111.5	80.3
-72.5°	209.9	196.7	185.3	175.4	167.2	155.8	145.9	136.1	118.0	93.5	67.2
-75°	175.4	167.2	160.7	152.5	144.3	136.1	127.9	116.4	98.4	75.4	52.5
-77.5°	144.3	139.4	134.4	127.9	121.3	114.8	104.9	93.5	78.7	59.0	42.6
-80°	118.0	113.1	109.8	103.3	98.4	91.8	82.0	72.1	57.4	45.9	34.4
-82.5°	90.2	86.9	83.6	80.3	75.4	68.9	59.0	50.8	42.6	34.4	26.2
-85°	63.9	62.3	59.0	55.7	50.8	45.9	39.3	34.4	29.5	23.0	18.0
-87.5°	32.8	31.2	29.5	27.9	26.2	23.0	19.7	16.4	14.8	11.5	8.2
-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°	6.6	4.9	1.6	0.0
85°	13.1	8.2	3.3	0.0
82.5°	19.7	13.1	4.9	0.0
80°	26.2	16.4	8.2	0.0
77.5°	32.8	19.7	9.8	0.0
75°	39.3	24.6	11.5	0.0
72.5°	44.3	27.9	13.1	0.0
70°	52.5	32.8	14.8	0.0
67.5°	65.6	36.1	16.4	0.0
65°	77.1	39.3	18.0	0.0
62.5°	90.2	42.6	19.7	0.0
60°	101.6	45.9	21.3	0.0
57.5°	113.1	54.1	23.0	0.0
55°	123.0	60.7	24.6	0.0
52.5°	134.4	67.2	26.2	0.0
50°	144.3	73.8	27.9	0.0
47.5°	152.5	80.3	27.9	0.0
45°	159.0	85.3	29.5	0.0
42.5°	164.0	90.2	31.2	0.0
40°	168.9	95.1	32.8	0.0
37.5°	173.8	100.0	32.8	0.0
35°	178.7	104.9	34.4	0.0
32.5°	183.6	109.8	34.4	0.0
30°	186.9	113.1	36.1	0.0
27.5°	191.8	116.4	36.1	0.0
25°	193.5	119.7	37.7	0.0
22.5°	196.7	121.3	37.7	0.0
20°	200.0	124.6	37.7	0.0
17.5°	201.7	126.2	39.3	0.0
15°	201.7	127.9	41.0	0.0
12.5°	203.3	129.5	41.0	0.0
10°	203.3	132.8	39.3	0.0
7.5°	206.6	131.2	39.3	0.0
5°	204.9	131.2	39.3	0.0
2.5°	203.3	129.5	39.3	0.0
0°	201.7	129.5	39.3	0.0
-2.5°	201.7	129.5	39.3	0.0
-5°	201.7	129.5	39.3	0.0
-7.5°	200.0	131.2	39.3	0.0
-10°	196.7	131.2	39.3	0.0
-12.5°	195.1	126.2	39.3	0.0
-15°	193.5	124.6	39.3	0.0
-17.5°	190.2	123.0	37.7	0.0
-20°	186.9	121.3	37.7	0.0



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 CATALOG NUMBER: IFLD-S-SA2E-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	183.6	118.0	37.7	0.0
-25°	180.3	114.8	36.1	0.0
-27.5°	177.1	111.5	36.1	0.0
-30°	172.1	108.2	34.4	0.0
-32.5°	167.2	104.9	34.4	0.0
-35°	164.0	100.0	32.8	0.0
-37.5°	159.0	95.1	32.8	0.0
-40°	154.1	90.2	31.2	0.0
-42.5°	149.2	85.3	29.5	0.0
-45°	142.6	80.3	29.5	0.0
-47.5°	137.7	75.4	27.9	0.0
-50°	129.5	68.9	26.2	0.0
-52.5°	119.7	62.3	24.6	0.0
-55°	109.8	57.4	23.0	0.0
-57.5°	100.0	50.8	23.0	0.0
-60°	90.2	44.3	21.3	0.0
-62.5°	80.3	41.0	19.7	0.0
-65°	70.5	37.7	18.0	0.0
-67.5°	59.0	32.8	16.4	0.0
-70°	49.2	29.5	14.8	0.0
-72.5°	42.6	26.2	13.1	0.0
-75°	36.1	23.0	11.5	0.0
-77.5°	31.2	19.7	9.8	0.0
-80°	24.6	14.8	6.6	0.0
-82.5°	18.0	11.5	4.9	0.0
-85°	11.5	8.2	3.3	0.0
-87.5°	6.6	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)