

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: P722023

Luminaire Tested: **IFLD-S-SA3B-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722023
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

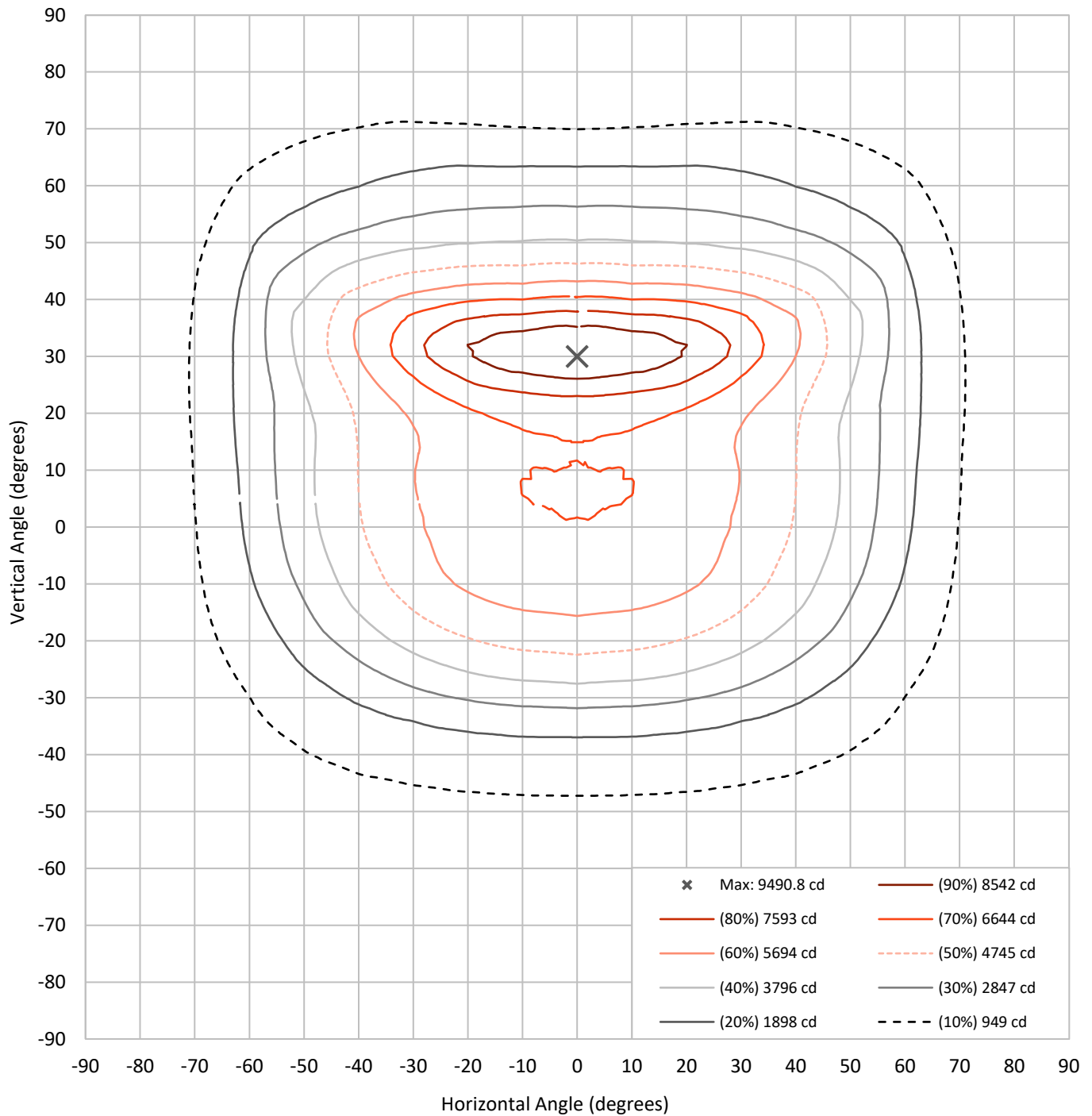
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15842.5 lumens	Max Intensity:	9490.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9212.6 lumens	Field Lumens:	14846.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4
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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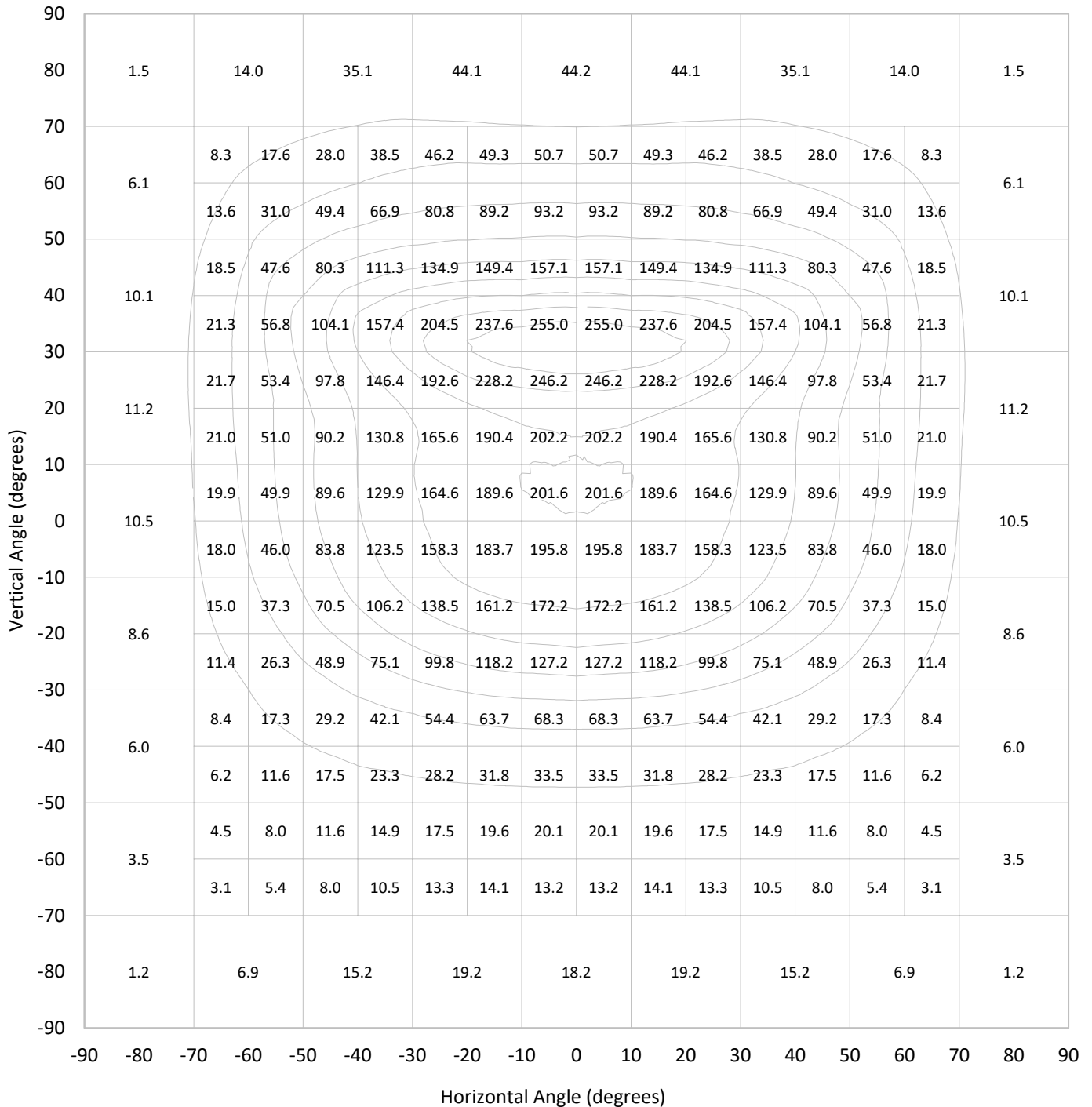
Iso-Candela Plot





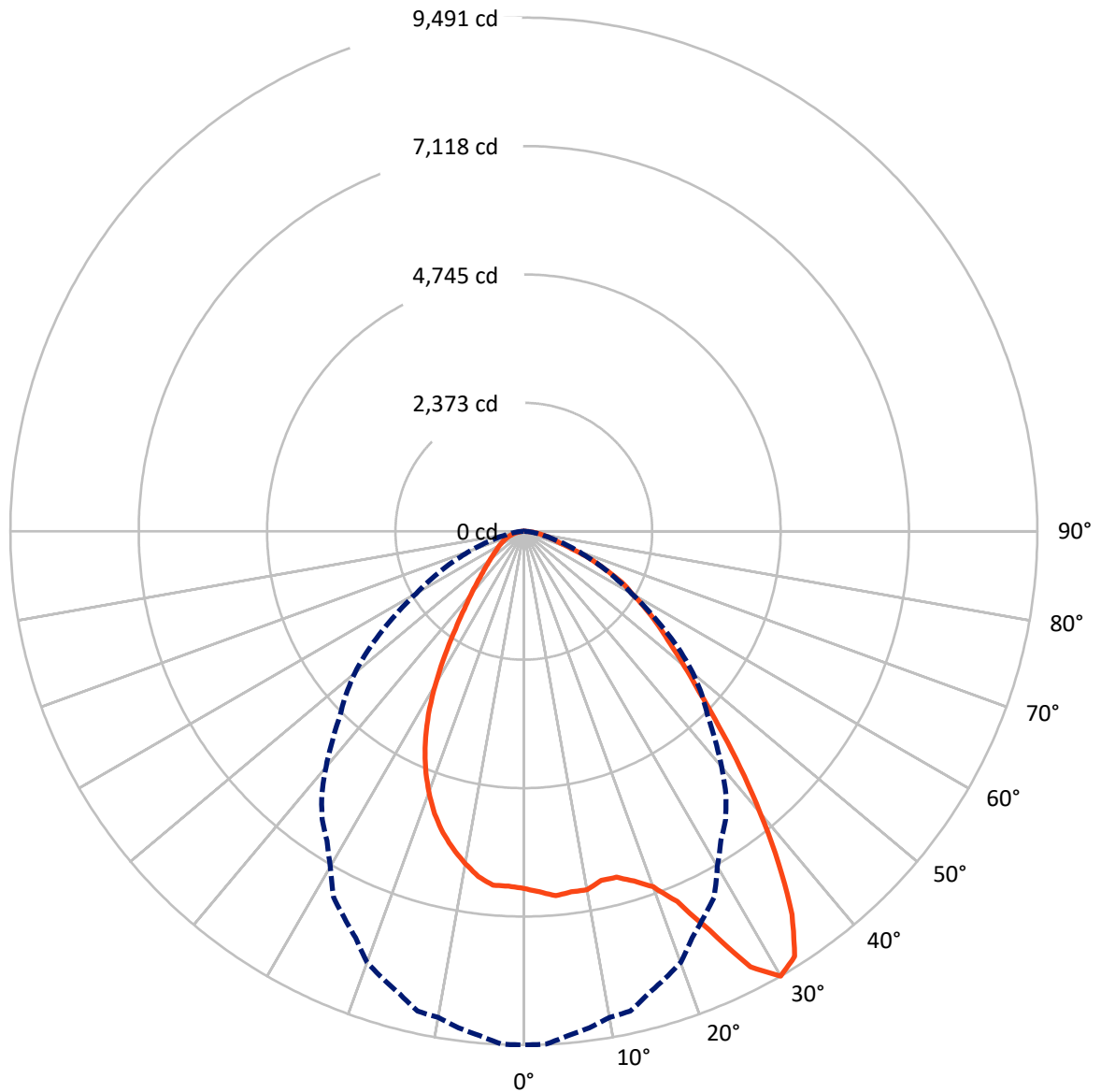
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Lumen Table



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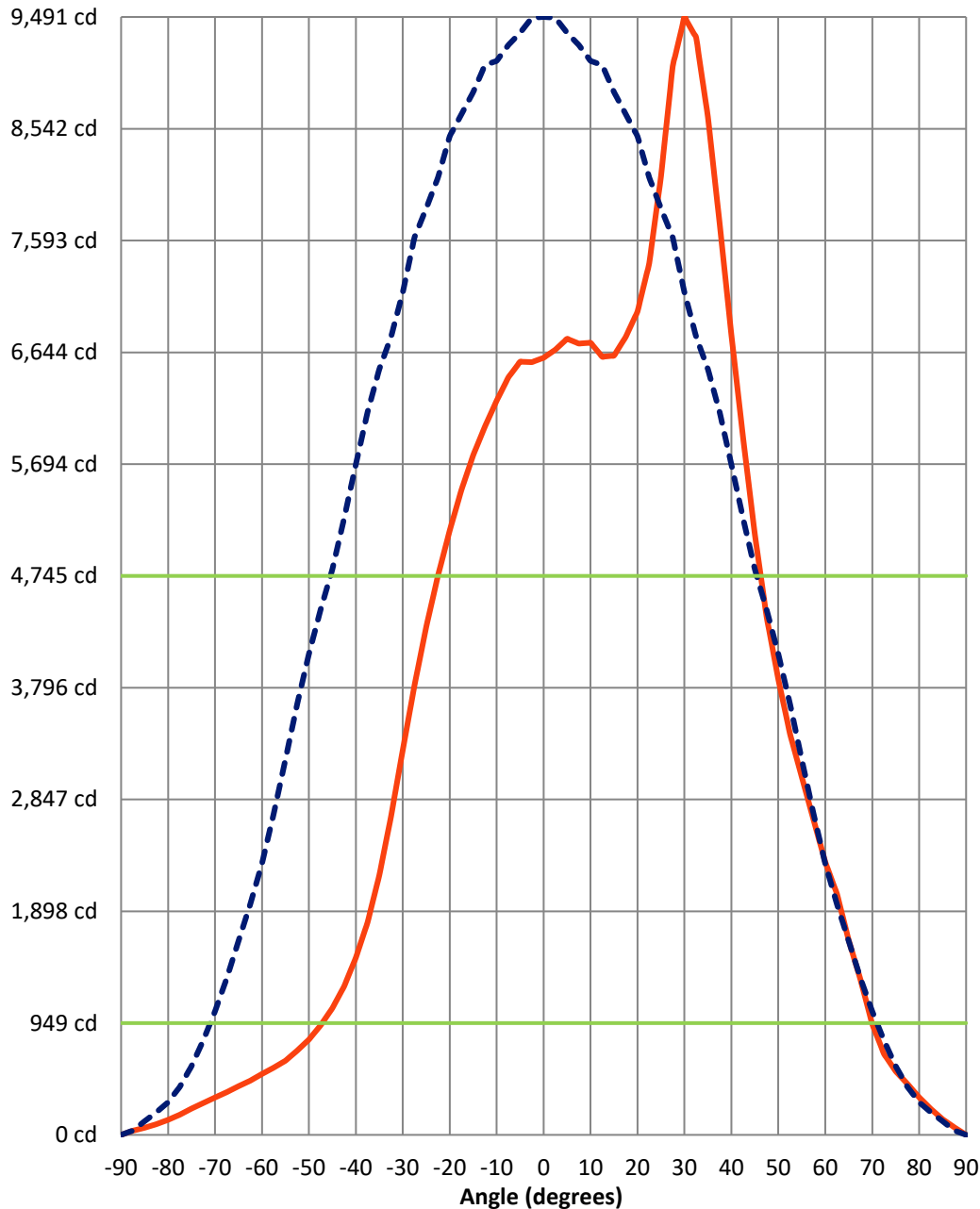
Luminous Intensity Polar Plot



— 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: 9212.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14846.5
 Efficiency: 93.7%

Spill:
 Lumens: 996
 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°	63.8	65.5	67.1	67.1	65.5	65.5	65.5	63.8	65.5	65.5	65.5
85°	132.6	135.9	139.3	137.6	135.9	132.6	129.2	130.9	132.6	134.3	134.3
82.5°	219.9	224.9	228.2	226.6	223.2	219.9	216.5	218.2	221.5	223.2	223.2
80°	318.9	320.6	322.2	325.6	320.6	320.6	318.9	325.6	328.9	332.3	335.7
77.5°	433.0	434.7	434.7	436.4	438.0	439.7	439.7	451.5	459.9	464.9	469.9
75°	540.4	545.4	550.5	555.5	562.2	565.6	570.6	587.4	600.8	610.9	621.0
72.5°	688.1	694.8	703.2	715.0	726.7	735.1	746.8	767.0	782.1	792.2	803.9
70°	941.5	948.2	956.6	965.0	976.8	985.2	996.9	1022.1	1037.2	1043.9	1050.6
67.5°	1317.5	1334.2	1349.4	1332.6	1324.2	1312.4	1315.8	1339.3	1354.4	1364.5	1362.8
65°	1651.4	1663.2	1663.2	1661.5	1654.8	1639.7	1648.1	1676.6	1693.4	1701.8	1676.6
62.5°	2044.2	2044.2	2035.8	2049.2	2050.9	2040.8	2035.8	2037.5	2039.1	2044.2	2002.2
60°	2316.1	2332.8	2337.9	2349.6	2353.0	2353.0	2361.4	2368.1	2368.1	2358.0	2309.3
57.5°	2675.2	2707.1	2713.8	2705.4	2688.6	2666.8	2663.5	2653.4	2633.3	2613.1	2589.6
55°	3037.7	3054.5	3052.8	3047.8	3031.0	3005.8	3009.2	2995.8	2963.9	2938.7	2906.8
52.5°	3401.9	3442.2	3448.9	3438.8	3415.3	3388.5	3390.2	3375.1	3343.2	3316.3	3272.7
50°	3866.8	3900.4	3897.0	3880.2	3846.7	3826.5	3828.2	3799.7	3762.7	3754.4	3697.3
47.5°	4398.8	4437.4	4430.7	4407.2	4361.9	4353.5	4361.9	4325.0	4303.2	4284.7	4217.6
45°	5097.0	5142.3	5117.1	5071.8	4999.7	5008.0	5019.8	5013.1	4966.1	4917.4	4831.8
42.5°	5916.0	5944.5	5914.3	5869.0	5778.4	5795.2	5788.5	5748.2	5719.6	5639.1	5530.0
40°	6792.1	6854.2	6807.2	6736.7	6642.7	6667.9	6649.4	6597.4	6530.3	6429.6	6291.9
37.5°	7737.0	7785.6	7731.9	7649.7	7565.8	7557.4	7520.5	7439.9	7344.2	7233.5	7013.6
35°	8641.6	8767.4	8668.4	8537.5	8435.1	8396.5	8361.3	8175.0	8065.9	7886.3	7585.9
32.5°	9314.6	9406.9	9284.4	9148.4	9024.2	8970.5	8846.3	8624.8	8566.0	8188.4	7913.2
30°	9490.8	9484.1	9356.5	9252.5	9118.2	9081.3	8853.0	8665.1	8477.1	8128.0	7866.2
27.5°	9071.2	9029.3	8906.7	8816.1	8683.5	8639.9	8415.0	8314.3	8023.9	7728.6	7507.0
25°	8136.4	8158.2	8065.9	8020.6	7933.3	7839.3	7750.4	7614.4	7433.2	7174.7	6971.7
22.5°	7399.6	7428.2	7389.6	7335.8	7268.7	7216.7	7149.6	7043.8	6869.3	6709.8	6518.5
20°	6990.1	6981.7	6948.2	6907.9	6844.1	6807.2	6733.3	6644.4	6510.1	6372.5	6166.1
17.5°	6775.3	6723.3	6691.4	6676.3	6642.7	6595.7	6508.4	6417.8	6313.8	6157.7	6006.6
15°	6615.9	6624.2	6599.1	6587.3	6560.5	6495.0	6406.1	6332.2	6191.2	6112.4	5974.7
12.5°	6605.8	6597.4	6599.1	6594.0	6560.5	6476.6	6431.2	6337.3	6246.6	6142.6	5984.8
10°	6724.9	6636.0	6642.7	6666.2	6612.5	6545.4	6496.7	6394.3	6308.7	6176.1	6020.1
7.5°	6718.2	6672.9	6686.3	6647.7	6664.5	6582.3	6515.2	6412.8	6305.4	6164.4	6023.4
5°	6758.5	6689.7	6678.0	6681.3	6639.4	6577.3	6486.6	6389.3	6288.6	6130.8	5986.5
2.5°	6666.2	6676.3	6622.6	6602.4	6597.4	6493.3	6409.4	6315.4	6211.4	6072.1	5942.9
0°	6597.4	6615.9	6560.5	6531.9	6530.3	6441.3	6387.6	6280.2	6206.4	6090.5	5934.5
-2.5°	6560.5	6582.3	6589.0	6537.0	6486.6	6417.8	6327.2	6211.4	6090.5	5956.3	5822.0
-5°	6563.8	6520.2	6501.7	6518.5	6474.9	6406.1	6305.4	6203.0	6083.8	5939.5	5771.7
-7.5°	6431.2	6387.6	6384.3	6375.9	6365.8	6300.3	6216.4	6105.7	5984.8	5850.6	5694.5
-10°	6233.2	6201.3	6192.9	6184.5	6157.7	6119.1	6040.2	5939.5	5830.4	5696.1	5530.0
-12.5°	6013.3	5998.2	5966.4	5944.5	5917.7	5872.4	5796.8	5704.5	5595.5	5476.3	5333.6
-15°	5770.0	5741.5	5709.6	5691.1	5652.5	5598.8	5523.3	5437.7	5318.5	5201.0	5066.8
-17.5°	5476.3	5441.0	5405.8	5400.8	5373.9	5291.7	5221.2	5117.1	5013.1	4900.6	4769.7
-20°	5130.6	5081.9	5058.4	5045.0	5008.0	4947.6	4872.1	4776.4	4675.7	4568.3	4417.3



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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°	4747.9	4706.0	4665.7	4640.5	4608.6	4561.6	4489.5	4405.5	4306.5	4185.7	4046.4
-25°	4313.2	4254.5	4229.3	4200.8	4184.0	4140.4	4069.9	3992.7	3890.3	3772.8	3640.2
-27.5°	3816.5	3769.5	3756.0	3715.8	3695.6	3650.3	3591.6	3519.4	3425.4	3314.6	3205.6
-30°	3267.6	3239.1	3217.3	3177.0	3161.9	3113.2	3074.6	3014.2	2928.6	2849.8	2762.5
-32.5°	2703.7	2675.2	2668.5	2650.0	2640.0	2608.1	2564.4	2520.8	2452.0	2393.3	2322.8
-35°	2203.6	2183.5	2185.1	2183.5	2173.4	2149.9	2096.2	2084.4	2034.1	1980.4	1935.1
-37.5°	1804.2	1805.9	1804.2	1802.5	1789.1	1779.0	1740.4	1725.3	1695.1	1643.1	1616.2
-40°	1503.8	1507.1	1505.4	1502.1	1487.0	1481.9	1456.8	1436.6	1424.9	1388.0	1359.4
-42.5°	1260.4	1265.4	1263.8	1262.1	1252.0	1250.3	1236.9	1213.4	1206.7	1184.9	1154.7
-45°	1075.8	1074.1	1070.8	1074.1	1069.1	1064.0	1055.7	1040.5	1032.2	1022.1	996.9
-47.5°	929.8	931.5	928.1	928.1	921.4	916.4	913.0	902.9	896.2	887.8	872.7
-50°	808.9	815.7	814.0	812.3	807.3	803.9	803.9	793.8	783.8	780.4	770.3
-52.5°	715.0	720.0	721.7	725.0	726.7	728.4	723.3	713.3	696.5	694.8	689.8
-55°	629.4	644.5	654.5	661.2	668.0	673.0	662.9	649.5	632.7	626.0	624.3
-57.5°	570.6	585.7	597.5	607.5	615.9	624.3	614.3	600.8	585.7	577.3	575.7
-60°	516.9	530.3	542.1	555.5	567.3	580.7	575.7	565.6	557.2	550.5	543.8
-62.5°	459.9	473.3	486.7	503.5	518.6	532.0	533.7	532.0	530.3	532.0	520.3
-65°	412.9	419.6	428.0	446.4	463.2	478.3	486.7	491.7	500.1	508.5	496.8
-67.5°	362.5	370.9	381.0	394.4	407.8	417.9	429.6	443.1	456.5	469.9	461.5
-70°	317.2	323.9	332.3	339.0	347.4	354.1	364.2	379.3	394.4	407.8	404.5
-72.5°	270.2	276.9	282.0	285.3	290.3	293.7	298.7	312.2	322.2	328.9	328.9
-75°	223.2	229.9	235.0	236.6	240.0	241.7	245.0	250.1	255.1	256.8	258.5
-77.5°	171.2	177.9	182.9	186.3	189.6	193.0	194.7	198.0	199.7	199.7	201.4
-80°	127.6	132.6	135.9	141.0	142.7	146.0	149.4	151.0	152.7	152.7	154.4
-82.5°	90.6	94.0	97.3	100.7	104.1	105.7	109.1	110.8	112.4	114.1	115.8
-85°	60.4	63.8	67.1	70.5	72.2	73.8	75.5	77.2	78.9	80.6	82.2
-87.5°	35.2	36.9	38.6	42.0	43.6	47.0	48.7	47.0	48.7	48.7	48.7
-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):

	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°	65.5	65.5	65.5	65.5	63.8	60.4	58.7	55.4	52.0	48.7	45.3
85°	135.9	137.6	137.6	137.6	134.3	132.6	127.6	122.5	115.8	105.7	97.3
82.5°	226.6	228.2	228.2	226.6	223.2	218.2	211.5	203.1	189.6	176.2	164.5
80°	340.7	342.4	342.4	340.7	332.3	323.9	315.5	305.5	288.7	270.2	250.1
77.5°	476.6	480.0	480.0	475.0	463.2	453.1	439.7	422.9	397.8	370.9	344.1
75°	634.4	642.8	644.5	639.4	624.3	605.9	584.0	555.5	516.9	483.4	451.5
72.5°	817.3	825.7	832.4	825.7	803.9	778.7	746.8	713.3	674.7	629.4	575.7
70°	1057.3	1065.7	1070.8	1048.9	1010.3	968.4	929.8	891.2	845.9	790.5	731.7
67.5°	1359.4	1351.0	1341.0	1297.3	1248.7	1198.3	1144.6	1087.5	1028.8	970.1	901.2
65°	1649.8	1626.3	1604.5	1552.4	1490.3	1424.9	1362.8	1299.0	1228.5	1154.7	1089.2
62.5°	1955.2	1904.9	1851.2	1787.4	1723.6	1651.4	1589.3	1513.8	1434.9	1344.3	1260.4
60°	2255.6	2195.2	2141.5	2062.6	1978.7	1881.4	1814.2	1740.4	1648.1	1550.7	1451.7
57.5°	2546.0	2480.5	2421.8	2353.0	2262.3	2156.6	2082.8	1987.1	1889.8	1767.2	1666.6
55°	2854.8	2789.3	2742.3	2665.1	2566.1	2468.8	2388.2	2287.5	2151.6	2020.7	1896.5
52.5°	3208.9	3156.9	3106.5	3027.7	2908.5	2809.5	2720.5	2608.1	2465.4	2304.3	2154.9
50°	3605.0	3578.1	3524.4	3432.1	3296.2	3208.9	3091.4	2942.1	2789.3	2619.8	2433.5
47.5°	4130.3	4086.7	4011.1	3910.4	3796.3	3665.4	3507.6	3333.1	3116.6	2928.6	2730.6
45°	4758.0	4677.4	4580.1	4444.1	4303.2	4155.5	3982.6	3761.1	3470.7	3225.7	3017.6
42.5°	5437.7	5328.6	5196.0	5018.1	4835.2	4653.9	4467.6	4165.5	3803.0	3521.1	3286.1
40°	6147.6	6008.3	5842.2	5583.7	5380.6	5147.3	4934.2	4482.7	4096.7	3791.3	3541.2
37.5°	6842.4	6666.2	6387.6	6073.8	5837.1	5645.8	5177.6	4694.2	4348.5	4012.8	3759.4
35°	7374.4	7225.1	6733.3	6407.7	6204.7	5902.6	5316.9	4821.8	4455.9	4177.3	3782.9
32.5°	7690.0	7304.0	6872.6	6543.7	6375.9	5880.8	5326.9	4858.7	4506.2	4194.1	3722.5
30°	7619.5	7152.9	6775.3	6500.1	6135.9	5691.1	5232.9	4801.6	4459.2	4081.6	3655.3
27.5°	7194.9	6834.0	6496.7	6209.7	5852.2	5452.8	5029.9	4650.6	4331.7	3965.8	3563.0
25°	6714.9	6387.6	6137.5	5887.5	5548.5	5167.5	4794.9	4521.3	4200.8	3839.9	3442.2
22.5°	6273.5	6038.5	5842.2	5580.3	5249.7	4917.4	4685.8	4402.2	4073.2	3707.4	3318.0
20°	5991.5	5832.1	5607.2	5318.5	5058.4	4850.3	4593.5	4293.1	3954.1	3571.4	3212.3
17.5°	5855.6	5671.0	5420.9	5232.9	5033.2	4805.0	4518.0	4199.1	3838.3	3509.3	3224.0
15°	5785.1	5590.4	5425.9	5241.3	5016.4	4776.4	4457.6	4126.9	3838.3	3534.5	3232.4
12.5°	5800.2	5632.4	5452.8	5251.4	5009.7	4752.9	4464.3	4157.1	3858.4	3553.0	3234.1
10°	5847.2	5671.0	5479.6	5256.4	5013.1	4759.7	4482.7	4175.6	3868.5	3561.4	3230.7
7.5°	5864.0	5672.7	5467.9	5243.0	5004.7	4756.3	4486.1	4180.6	3870.2	3559.7	3220.7
5°	5812.0	5639.1	5441.0	5214.5	4981.2	4739.5	4472.7	4173.9	3856.7	3542.9	3195.5
2.5°	5741.5	5602.2	5412.5	5194.3	4957.7	4716.0	4450.9	4143.7	3826.5	3512.7	3163.6
0°	5729.7	5556.8	5365.5	5170.8	4919.1	4664.0	4400.5	4086.7	3771.1	3455.6	3108.2
-2.5°	5652.5	5469.6	5278.3	5066.8	4845.3	4588.5	4311.6	4004.4	3692.3	3381.8	3047.8
-5°	5593.8	5390.7	5187.6	4959.4	4736.2	4479.4	4192.4	3893.7	3588.2	3286.1	2963.9
-7.5°	5514.9	5306.8	5093.6	4855.3	4613.6	4351.8	4068.2	3769.5	3469.0	3168.6	2859.8
-10°	5355.5	5172.5	4972.8	4726.1	4471.0	4209.2	3927.2	3633.5	3333.1	3029.3	2718.8
-12.5°	5162.4	4969.4	4751.3	4524.7	4296.4	4053.1	3771.1	3482.5	3180.4	2874.9	2566.1
-15°	4912.4	4722.7	4499.5	4278.0	4058.1	3824.8	3576.5	3316.3	3009.2	2708.8	2400.0
-17.5°	4600.2	4422.3	4222.6	4011.1	3793.0	3558.0	3316.3	3096.5	2809.5	2527.5	2222.1
-20°	4264.6	4098.4	3918.8	3719.1	3500.9	3271.0	3042.8	2812.8	2564.4	2316.1	2032.4



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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°	3915.5	3747.6	3566.4	3380.1	3178.7	2965.6	2754.1	2534.2	2316.1	2091.2	1851.2
-25°	3512.7	3365.0	3198.8	3017.6	2838.0	2651.7	2450.3	2250.6	2064.3	1869.6	1673.3
-27.5°	3091.4	2955.5	2804.4	2646.7	2492.3	2336.2	2161.6	1977.0	1822.6	1661.5	1498.7
-30°	2648.4	2539.3	2416.8	2279.1	2160.0	2034.1	1888.1	1735.4	1594.4	1471.9	1341.0
-32.5°	2228.8	2136.5	2049.2	1958.6	1841.1	1743.8	1643.1	1530.6	1406.4	1290.6	1196.6
-35°	1867.9	1768.9	1732.0	1664.9	1581.0	1495.4	1421.5	1341.0	1247.0	1144.6	1067.4
-37.5°	1564.2	1505.4	1453.4	1416.5	1361.1	1292.3	1233.6	1174.8	1102.6	1025.4	948.2
-40°	1327.5	1287.3	1230.2	1211.7	1176.5	1129.5	1069.1	1023.8	975.1	916.4	850.9
-42.5°	1137.9	1107.7	1070.8	1038.9	1023.8	990.2	943.2	899.6	861.0	820.7	770.3
-45°	981.8	961.7	938.2	909.6	897.9	871.0	837.5	788.8	767.0	733.4	696.5
-47.5°	855.9	845.9	829.1	810.6	793.8	773.7	743.5	713.3	683.1	661.2	632.7
-50°	756.9	750.2	740.1	725.0	703.2	689.8	669.6	642.8	614.3	595.8	575.7
-52.5°	678.0	671.3	664.6	652.9	636.1	622.6	605.9	584.0	560.6	542.1	525.3
-55°	617.6	607.5	602.5	592.4	579.0	563.9	548.8	533.7	513.6	496.8	480.0
-57.5°	570.6	557.2	550.5	542.1	528.7	513.6	501.8	486.7	473.3	454.8	439.7
-60°	533.7	518.6	505.2	496.8	485.0	469.9	458.2	446.4	433.0	417.9	399.4
-62.5°	503.5	485.0	466.6	456.5	444.7	431.3	419.6	407.8	394.4	379.3	362.5
-65°	475.0	453.1	429.6	419.6	407.8	394.4	379.3	370.9	359.2	345.7	328.9
-67.5°	439.7	416.2	396.1	384.3	372.6	360.8	347.4	339.0	327.3	310.5	293.7
-70°	387.7	372.6	359.2	349.1	339.0	328.9	315.5	302.1	288.7	273.6	258.5
-72.5°	322.2	317.2	315.5	310.5	298.7	287.0	273.6	260.1	248.4	236.6	224.9
-75°	260.1	263.5	266.8	265.2	253.4	241.7	229.9	218.2	209.8	199.7	189.6
-77.5°	206.4	209.8	213.1	213.1	204.8	198.0	189.6	181.3	174.5	166.2	156.1
-80°	159.4	164.5	169.5	172.9	166.2	161.1	154.4	147.7	141.0	134.3	127.6
-82.5°	120.8	125.9	130.9	134.3	129.2	125.9	120.8	115.8	110.8	104.1	99.0
-85°	87.3	90.6	94.0	95.7	92.3	88.9	85.6	82.2	78.9	73.8	70.5
-87.5°	50.3	52.0	53.7	55.4	52.0	48.7	47.0	43.6	42.0	38.6	36.9
-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°	42.0	38.6	35.2	33.6	30.2	25.2	21.8	18.5	15.1	11.7	10.1
85°	88.9	80.6	70.5	65.5	58.7	52.0	45.3	38.6	31.9	25.2	18.5
82.5°	152.7	142.7	132.6	120.8	105.7	87.3	68.8	57.1	47.0	36.9	28.5
80°	229.9	211.5	194.7	179.6	162.8	139.3	114.1	90.6	63.8	48.7	36.9
77.5°	318.9	297.1	273.6	248.4	221.5	189.6	161.1	130.9	99.0	67.1	47.0
75°	419.6	391.0	359.2	323.9	288.7	246.7	206.4	171.2	134.3	94.0	57.1
72.5°	532.0	496.8	458.2	411.2	355.8	307.1	258.5	211.5	167.8	119.2	77.2
70°	676.4	621.0	563.9	513.6	443.1	365.9	308.8	255.1	199.7	146.0	97.3
67.5°	830.8	763.6	694.8	621.0	532.0	441.4	359.2	298.7	233.3	171.2	115.8
65°	998.6	914.7	827.4	745.2	622.6	515.2	422.9	340.7	265.2	194.7	134.3
62.5°	1171.5	1072.4	971.7	864.3	723.3	590.8	483.4	387.7	295.4	216.5	151.0
60°	1356.1	1240.3	1117.7	983.5	819.0	673.0	540.4	436.4	327.3	238.3	169.5
57.5°	1550.7	1424.9	1280.5	1099.3	918.0	751.9	605.9	480.0	355.8	258.5	182.9
55°	1762.2	1617.9	1460.1	1220.1	1015.4	830.8	671.3	523.6	386.0	275.2	196.4
52.5°	1990.5	1822.6	1622.9	1347.7	1117.7	911.3	731.7	562.2	414.5	293.7	208.1
50°	2245.6	2034.1	1765.6	1465.2	1206.7	986.8	792.2	604.2	438.0	313.8	218.2
47.5°	2510.7	2282.5	1893.1	1574.2	1297.3	1060.7	854.3	641.1	461.5	330.6	228.2
45°	2787.7	2455.4	2025.7	1671.6	1376.2	1127.8	901.2	674.7	490.1	345.7	236.6
42.5°	3061.2	2586.3	2141.5	1768.9	1450.1	1188.2	939.8	706.6	513.6	360.8	245.0
40°	3190.4	2685.3	2233.8	1836.1	1512.1	1241.9	973.4	735.1	533.7	370.9	253.4
37.5°	3244.2	2745.7	2294.2	1899.8	1560.8	1270.5	1001.9	760.3	550.5	381.0	260.1
35°	3255.9	2767.5	2324.4	1943.5	1601.1	1297.3	1023.8	778.7	563.9	391.0	266.8
32.5°	3234.1	2760.8	2332.8	1958.6	1626.3	1317.5	1038.9	792.2	574.0	401.1	273.6
30°	3185.4	2725.6	2302.6	1956.9	1644.7	1329.2	1048.9	802.2	584.0	407.8	276.9
27.5°	3106.5	2663.5	2264.0	1958.6	1654.8	1334.2	1054.0	807.3	590.8	412.9	283.6
25°	3009.2	2579.5	2265.7	1955.2	1656.5	1335.9	1054.0	807.3	592.4	414.5	288.7
22.5°	2896.7	2579.5	2265.7	1950.2	1646.4	1332.6	1048.9	803.9	592.4	417.9	293.7
20°	2903.5	2581.2	2260.7	1940.1	1631.3	1322.5	1037.2	795.5	587.4	422.9	297.1
17.5°	2908.5	2577.9	2250.6	1926.7	1611.2	1305.7	1022.1	783.8	587.4	428.0	298.7
15°	2908.5	2567.8	2235.5	1906.5	1586.0	1282.2	1000.3	773.7	589.1	429.6	302.1
12.5°	2903.5	2549.3	2212.0	1879.7	1555.8	1253.7	986.8	770.3	589.1	431.3	302.1
10°	2893.4	2524.2	2181.8	1846.1	1527.3	1243.6	980.1	763.6	585.7	431.3	302.1
7.5°	2874.9	2494.0	2156.6	1826.0	1510.5	1231.9	970.1	753.6	580.7	428.0	305.5
5°	2846.4	2477.2	2136.5	1802.5	1487.0	1223.5	963.3	745.2	577.3	428.0	302.1
2.5°	2809.5	2457.0	2113.0	1772.3	1460.1	1194.9	941.5	726.7	565.6	421.3	298.7
0°	2749.1	2416.8	2072.7	1730.3	1423.2	1166.4	919.7	708.2	553.8	414.5	295.4
-2.5°	2693.7	2363.0	2020.7	1686.7	1388.0	1141.2	902.9	698.2	548.8	412.9	293.7
-5°	2616.5	2289.2	1951.9	1629.6	1341.0	1116.1	886.1	686.4	543.8	409.5	293.7
-7.5°	2530.9	2212.0	1879.7	1570.9	1294.0	1072.4	854.3	668.0	532.0	402.8	292.0
-10°	2398.3	2096.2	1789.1	1503.8	1243.6	1033.8	827.4	651.2	522.0	396.1	285.3
-12.5°	2257.3	1968.6	1685.0	1421.5	1186.6	993.6	797.2	632.7	510.2	389.4	282.0
-15°	2107.9	1837.7	1575.9	1335.9	1124.5	944.9	765.3	612.6	498.5	381.0	276.9
-17.5°	1951.9	1700.1	1463.5	1248.7	1062.4	894.5	731.7	594.1	485.0	372.6	271.9
-20°	1787.4	1559.1	1349.4	1159.7	996.9	844.2	696.5	572.3	469.9	362.5	265.2



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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°	1624.6	1419.8	1231.9	1072.4	929.8	792.2	661.2	550.5	453.1	350.8	260.1
-25°	1480.3	1288.9	1127.8	988.5	864.3	741.8	624.3	528.7	434.7	339.0	253.4
-27.5°	1339.3	1176.5	1025.4	909.6	800.5	693.1	589.1	505.2	416.2	325.6	246.7
-30°	1208.4	1069.1	944.9	832.4	740.1	649.5	558.9	481.7	396.1	312.2	238.3
-32.5°	1089.2	976.8	872.7	765.3	683.1	605.9	530.3	458.2	375.9	298.7	229.9
-35°	978.4	891.2	800.5	709.9	626.0	565.6	500.1	433.0	357.5	283.6	221.5
-37.5°	879.4	808.9	736.8	659.6	587.4	527.0	471.6	407.8	339.0	270.2	213.1
-40°	793.8	736.8	673.0	610.9	550.5	493.4	443.1	382.7	320.6	260.1	204.8
-42.5°	715.0	671.3	619.3	567.3	513.6	463.2	414.5	355.8	302.1	248.4	196.4
-45°	654.5	610.9	568.9	522.0	476.6	433.0	384.3	332.3	285.3	235.0	188.0
-47.5°	597.5	558.9	520.3	481.7	444.7	404.5	355.8	312.2	266.8	223.2	181.3
-50°	547.1	510.2	476.6	443.1	411.2	372.6	327.3	292.0	251.7	211.5	172.9
-52.5°	500.1	468.2	434.7	407.8	381.0	342.4	305.5	271.9	236.6	198.0	164.5
-55°	458.2	428.0	397.8	372.6	347.4	313.8	283.6	255.1	221.5	188.0	156.1
-57.5°	417.9	392.7	364.2	340.7	315.5	288.7	263.5	236.6	206.4	177.9	147.7
-60°	381.0	357.5	332.3	308.8	287.0	265.2	241.7	219.9	193.0	166.2	139.3
-62.5°	344.1	323.9	302.1	278.6	261.8	241.7	223.2	201.4	179.6	156.1	124.2
-65°	310.5	292.0	271.9	251.7	236.6	221.5	204.8	184.6	166.2	144.3	110.8
-67.5°	276.9	260.1	243.4	226.6	213.1	201.4	184.6	169.5	154.4	130.9	97.3
-70°	245.0	231.6	216.5	203.1	193.0	179.6	167.8	154.4	141.0	114.1	82.2
-72.5°	214.8	201.4	189.6	179.6	171.2	159.4	149.4	139.3	120.8	95.7	68.8
-75°	179.6	171.2	164.5	156.1	147.7	139.3	130.9	119.2	100.7	77.2	53.7
-77.5°	147.7	142.7	137.6	130.9	124.2	117.5	107.4	95.7	80.6	60.4	43.6
-80°	120.8	115.8	112.4	105.7	100.7	94.0	83.9	73.8	58.7	47.0	35.2
-82.5°	92.3	88.9	85.6	82.2	77.2	70.5	60.4	52.0	43.6	35.2	26.9
-85°	65.5	63.8	60.4	57.1	52.0	47.0	40.3	35.2	30.2	23.5	18.5
-87.5°	33.6	31.9	30.2	28.5	26.9	23.5	20.1	16.8	15.1	11.7	8.4
-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°	6.7	5.0	1.7	0.0
85°	13.4	8.4	3.4	0.0
82.5°	20.1	13.4	5.0	0.0
80°	26.9	16.8	8.4	0.0
77.5°	33.6	20.1	10.1	0.0
75°	40.3	25.2	11.7	0.0
72.5°	45.3	28.5	13.4	0.0
70°	53.7	33.6	15.1	0.0
67.5°	67.1	36.9	16.8	0.0
65°	78.9	40.3	18.5	0.0
62.5°	92.3	43.6	20.1	0.0
60°	104.1	47.0	21.8	0.0
57.5°	115.8	55.4	23.5	0.0
55°	125.9	62.1	25.2	0.0
52.5°	137.6	68.8	26.9	0.0
50°	147.7	75.5	28.5	0.0
47.5°	156.1	82.2	28.5	0.0
45°	162.8	87.3	30.2	0.0
42.5°	167.8	92.3	31.9	0.0
40°	172.9	97.3	33.6	0.0
37.5°	177.9	102.4	33.6	0.0
35°	182.9	107.4	35.2	0.0
32.5°	188.0	112.4	35.2	0.0
30°	191.3	115.8	36.9	0.0
27.5°	196.4	119.2	36.9	0.0
25°	198.0	122.5	38.6	0.0
22.5°	201.4	124.2	38.6	0.0
20°	204.8	127.6	38.6	0.0
17.5°	206.4	129.2	40.3	0.0
15°	206.4	130.9	42.0	0.0
12.5°	208.1	132.6	42.0	0.0
10°	208.1	135.9	40.3	0.0
7.5°	211.5	134.3	40.3	0.0
5°	209.8	134.3	40.3	0.0
2.5°	208.1	132.6	40.3	0.0
0°	206.4	132.6	40.3	0.0
-2.5°	206.4	132.6	40.3	0.0
-5°	206.4	132.6	40.3	0.0
-7.5°	204.8	134.3	40.3	0.0
-10°	201.4	134.3	40.3	0.0
-12.5°	199.7	129.2	40.3	0.0
-15°	198.0	127.6	40.3	0.0
-17.5°	194.7	125.9	38.6	0.0
-20°	191.3	124.2	38.6	0.0



REPORT NUMBER: P722023

CATALOG NUMBER: IFLD-S-SA3B-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	188.0	120.8	38.6	0.0
-25°	184.6	117.5	36.9	0.0
-27.5°	181.3	114.1	36.9	0.0
-30°	176.2	110.8	35.2	0.0
-32.5°	171.2	107.4	35.2	0.0
-35°	167.8	102.4	33.6	0.0
-37.5°	162.8	97.3	33.6	0.0
-40°	157.8	92.3	31.9	0.0
-42.5°	152.7	87.3	30.2	0.0
-45°	146.0	82.2	30.2	0.0
-47.5°	141.0	77.2	28.5	0.0
-50°	132.6	70.5	26.9	0.0
-52.5°	122.5	63.8	25.2	0.0
-55°	112.4	58.7	23.5	0.0
-57.5°	102.4	52.0	23.5	0.0
-60°	92.3	45.3	21.8	0.0
-62.5°	82.2	42.0	20.1	0.0
-65°	72.2	38.6	18.5	0.0
-67.5°	60.4	33.6	16.8	0.0
-70°	50.3	30.2	15.1	0.0
-72.5°	43.6	26.9	13.4	0.0
-75°	36.9	23.5	11.7	0.0
-77.5°	31.9	20.1	10.1	0.0
-80°	25.2	15.1	6.7	0.0
-82.5°	18.5	11.7	5.0	0.0
-85°	11.7	8.4	3.4	0.0
-87.5°	6.7	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)