

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: P722012

Luminaire Tested: **IFLD-L-SA7E-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722012
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

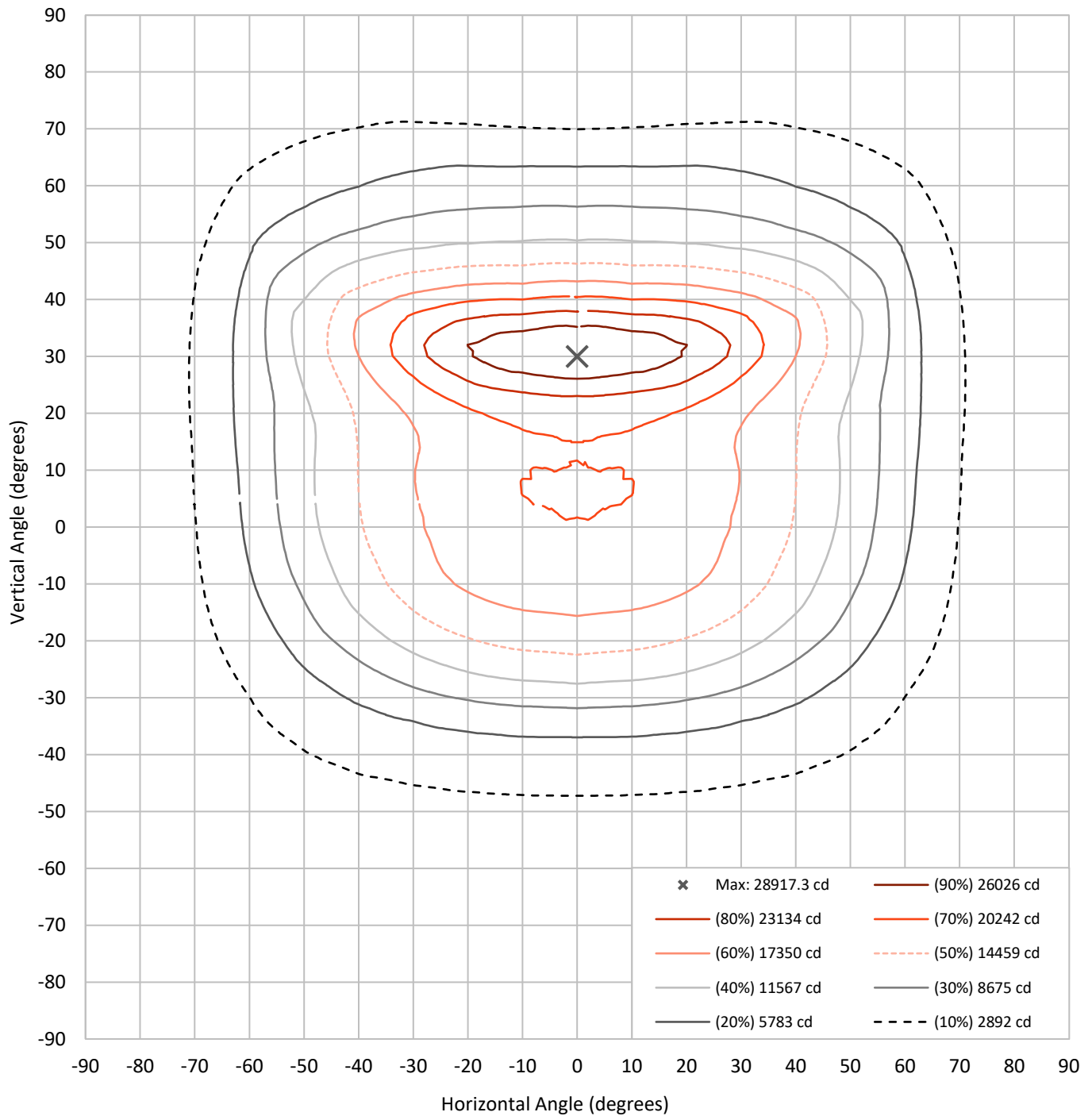
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	48270.2 lumens	Max Intensity:	28917.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	28069.7 lumens	Field Lumens:	45235.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
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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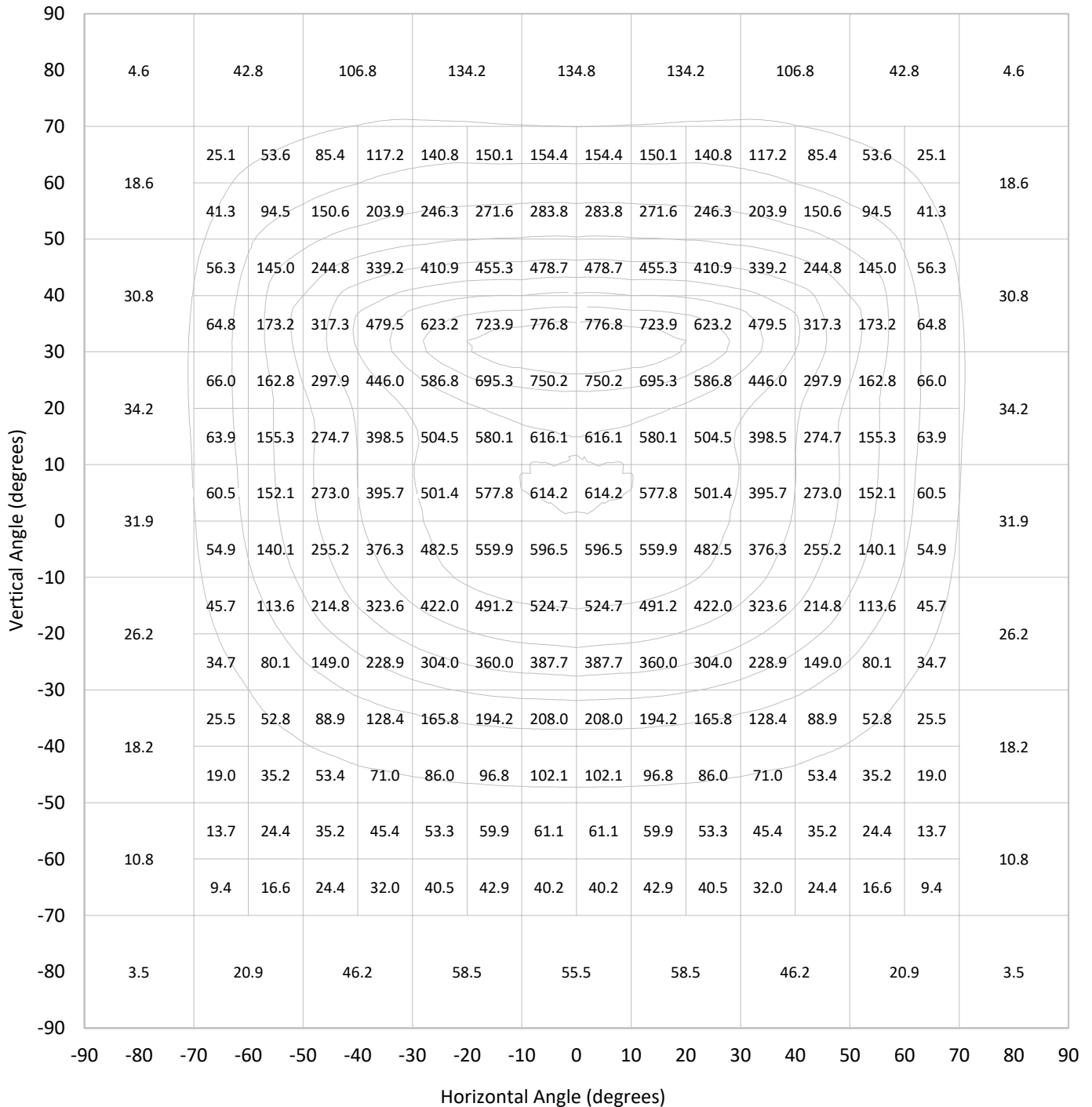
Iso-Candela Plot





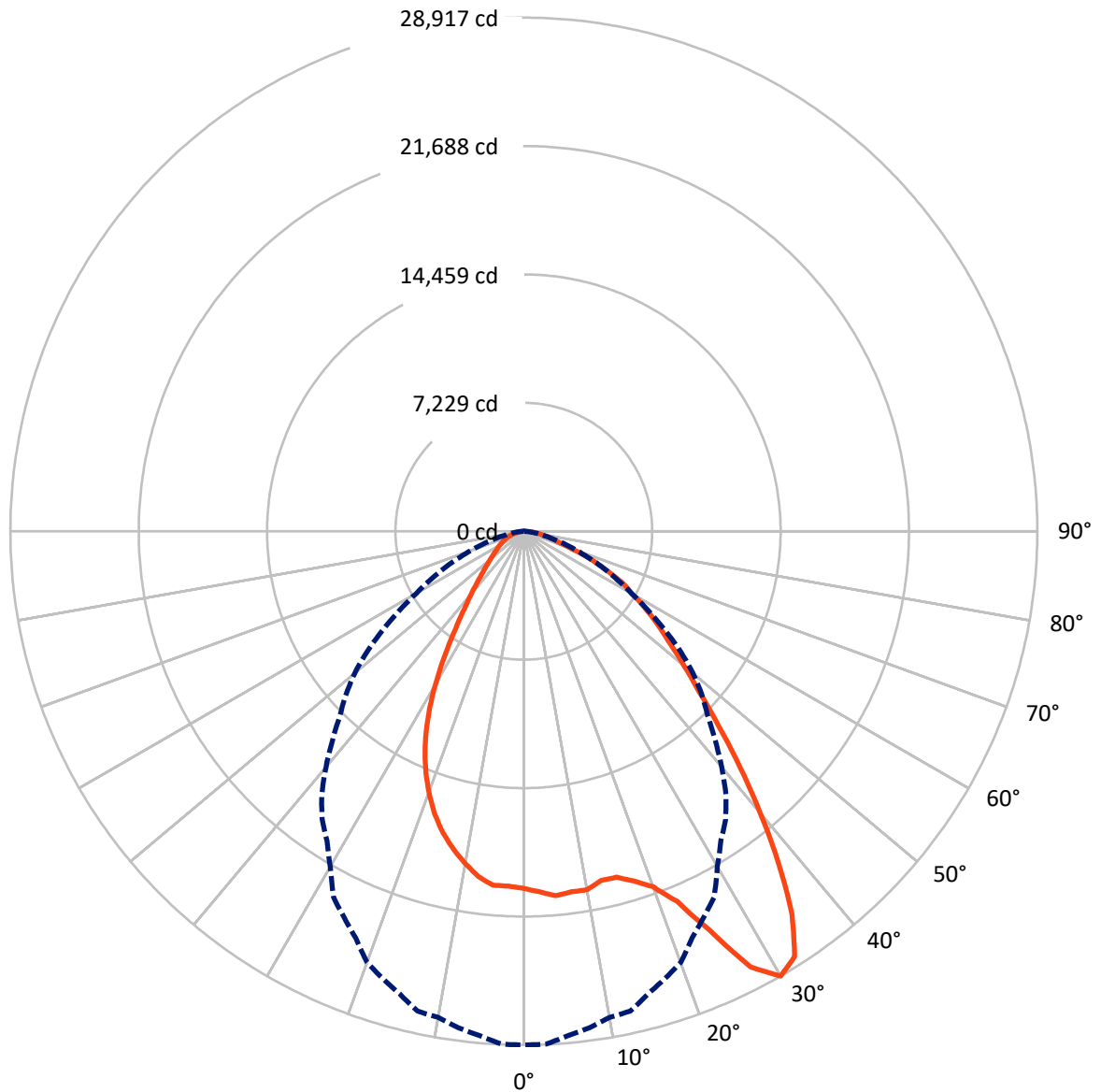
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Lumen Table



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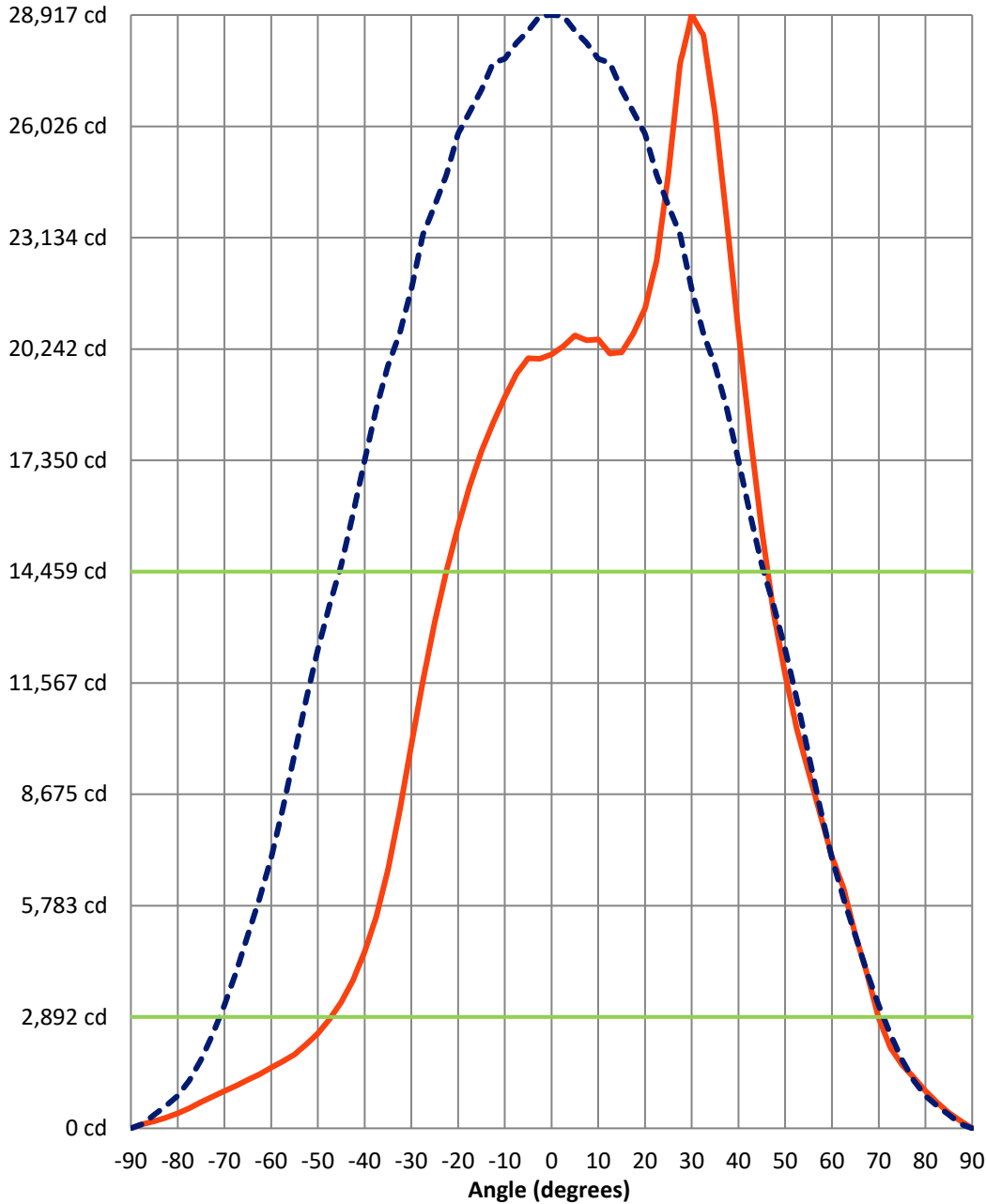
Luminous Intensity Polar Plot



— 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: 28069.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 45235.4
 Efficiency: 93.7%

Spill:
 Lumens: 3034.8
 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°	194.3	199.4	204.5	204.5	199.4	199.4	199.4	194.3	199.4	199.4	199.4
85°	404.0	414.2	424.4	419.3	414.2	404.0	393.7	398.9	404.0	409.1	409.1
82.5°	669.9	685.2	695.4	690.3	680.1	669.9	659.7	664.8	675.0	680.1	680.1
80°	971.6	976.7	981.8	992.0	976.7	976.7	971.6	992.0	1002.3	1012.5	1022.7
77.5°	1319.3	1324.4	1324.4	1329.5	1334.6	1339.8	1339.8	1375.6	1401.1	1416.5	1431.8
75°	1646.6	1661.9	1677.3	1692.6	1713.0	1723.3	1738.6	1789.8	1830.7	1861.3	1892.0
72.5°	2096.6	2117.0	2142.6	2178.4	2214.2	2239.7	2275.5	2336.9	2382.9	2413.6	2449.4
70°	2868.7	2889.2	2914.7	2940.3	2976.1	3001.7	3037.5	3114.2	3160.2	3180.6	3201.1
67.5°	4014.2	4065.3	4111.3	4060.2	4034.6	3998.8	4009.0	4080.6	4126.7	4157.3	4152.2
65°	5031.8	5067.6	5067.6	5062.4	5042.0	4996.0	5021.5	5108.5	5159.6	5185.2	5108.5
62.5°	6228.3	6228.3	6202.8	6243.7	6248.8	6218.1	6202.8	6207.9	6213.0	6228.3	6100.5
60°	7056.7	7107.9	7123.2	7159.0	7169.2	7169.2	7194.8	7215.3	7215.3	7184.6	7036.3
57.5°	8151.0	8248.2	8268.7	8243.1	8192.0	8125.5	8115.2	8084.6	8023.2	7961.8	7890.3
55°	9255.6	9306.7	9301.6	9286.3	9235.1	9158.4	9168.6	9127.7	9030.6	8953.9	8856.7
52.5°	10365.2	10487.9	10508.4	10477.7	10406.1	10324.3	10329.4	10283.4	10186.2	10104.4	9971.5
50°	11781.7	11884.0	11873.7	11822.6	11720.3	11659.0	11664.1	11577.1	11464.6	11439.1	11265.2
47.5°	13402.7	13520.3	13499.8	13428.3	13290.2	13264.6	13290.2	13177.7	13111.2	13055.0	12850.4
45°	15529.9	15668.0	15591.3	15453.2	15233.3	15258.9	15294.7	15274.3	15131.1	14982.8	14722.0
42.5°	18025.4	18112.3	18020.2	17882.2	17606.0	17657.2	17636.7	17514.0	17427.1	17181.6	16849.2
40°	20694.7	20883.9	20740.7	20525.9	20239.5	20316.2	20260.0	20101.5	19896.9	19590.1	19170.8
37.5°	23573.6	23721.9	23558.3	23307.7	23052.0	23026.4	22913.9	22668.5	22377.0	22039.5	21369.6
35°	26329.8	26713.3	26411.6	26012.8	25700.8	25583.2	25475.8	24908.2	24575.9	24028.7	23113.4
32.5°	28380.4	28661.6	28288.3	27874.1	27495.7	27332.1	26953.7	26278.7	26099.7	24949.1	24110.5
30°	28917.3	28896.8	28508.2	28191.2	27782.1	27669.6	26974.1	26401.4	25828.7	24765.1	23967.3
27.5°	27638.9	27511.1	27137.8	26861.6	26457.7	26324.7	25639.5	25332.7	24448.0	23548.0	22873.0
25°	24790.6	24857.1	24575.9	24437.8	24171.9	23885.5	23614.5	23200.3	22648.0	21860.5	21241.8
22.5°	22545.8	22632.7	22515.1	22351.4	22146.9	21988.4	21783.8	21461.7	20929.9	20444.1	19861.1
20°	21298.1	21272.5	21170.2	21047.5	20853.2	20740.7	20515.7	20244.7	19835.6	19416.3	18787.3
17.5°	20643.5	20485.0	20387.8	20341.8	20239.5	20096.4	19830.5	19554.3	19237.3	18761.7	18301.5
15°	20157.7	20183.3	20106.6	20070.8	19989.0	19789.5	19518.5	19293.5	18864.0	18623.7	18204.3
12.5°	20127.0	20101.5	20106.6	20091.2	19989.0	19733.3	19595.2	19308.9	19032.7	18715.7	18235.0
10°	20490.1	20219.1	20239.5	20311.1	20147.5	19943.0	19794.7	19482.7	19221.9	18818.0	18342.4
7.5°	20469.7	20331.6	20372.5	20254.9	20306.0	20055.5	19850.9	19539.0	19211.7	18782.2	18352.6
5°	20592.4	20382.7	20346.9	20357.2	20229.3	20040.1	19764.0	19467.4	19160.6	18679.9	18240.1
2.5°	20311.1	20341.8	20178.2	20116.8	20101.5	19784.4	19528.8	19242.4	18925.4	18500.9	18107.2
0°	20101.5	20157.7	19989.0	19902.0	19896.9	19625.9	19462.3	19135.0	18910.0	18557.2	18081.6
-2.5°	19989.0	20055.5	20075.9	19917.4	19764.0	19554.3	19278.2	18925.4	18557.2	18148.1	17739.0
-5°	19999.2	19866.3	19810.0	19861.1	19728.2	19518.5	19211.7	18899.8	18536.7	18097.0	17585.6
-7.5°	19595.2	19462.3	19452.1	19426.5	19395.8	19196.4	18940.7	18603.2	18235.0	17825.9	17350.4
-10°	18991.8	18894.7	18869.1	18843.5	18761.7	18644.1	18403.8	18097.0	17764.6	17355.5	16849.2
-12.5°	18322.0	18275.9	18178.8	18112.3	18030.5	17892.4	17662.3	17381.1	17048.7	16685.6	16251.0
-15°	17580.5	17493.6	17396.4	17340.1	17222.5	17058.9	16828.8	16568.0	16204.9	15847.0	15437.9
-17.5°	16685.6	16578.2	16470.8	16455.5	16373.7	16123.1	15908.3	15591.3	15274.3	14931.6	14532.8
-20°	15632.2	15483.9	15412.3	15371.4	15258.9	15074.8	14844.7	14553.2	14246.4	13919.2	13458.9



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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°	14466.3	14338.5	14215.7	14139.0	14041.9	13898.7	13678.8	13423.1	13121.4	12753.3	12328.8
-25°	13141.9	12962.9	12886.2	12799.3	12748.2	12615.2	12400.4	12165.2	11853.3	11495.3	11091.4
-27.5°	11628.3	11485.1	11444.2	11321.5	11260.1	11122.0	10943.1	10723.2	10436.8	10099.3	9766.9
-30°	9956.1	9869.2	9802.7	9680.0	9634.0	9485.7	9368.1	9184.0	8923.2	8682.9	8416.9
-32.5°	8238.0	8151.0	8130.6	8074.3	8043.7	7946.5	7813.5	7680.6	7470.9	7292.0	7077.2
-35°	6714.1	6652.8	6657.9	6652.8	6622.1	6550.5	6386.9	6351.1	6197.7	6034.0	5896.0
-37.5°	5497.1	5502.2	5497.1	5492.0	5451.1	5420.4	5302.8	5256.8	5164.7	5006.2	4924.4
-40°	4581.8	4592.0	4586.9	4576.7	4530.6	4515.3	4438.6	4377.2	4341.4	4228.9	4142.0
-42.5°	3840.3	3855.6	3850.5	3845.4	3814.7	3809.6	3768.7	3697.1	3676.7	3610.2	3518.1
-45°	3277.8	3272.7	3262.5	3272.7	3257.3	3242.0	3216.4	3170.4	3144.9	3114.2	3037.5
-47.5°	2832.9	2838.0	2827.8	2827.8	2807.4	2792.0	2781.8	2751.1	2730.7	2705.1	2659.1
-50°	2464.7	2485.2	2480.1	2475.0	2459.6	2449.4	2449.4	2418.7	2388.0	2377.8	2347.1
-52.5°	2178.4	2193.7	2198.8	2209.1	2214.2	2219.3	2204.0	2173.3	2122.1	2117.0	2101.7
-55°	1917.6	1963.6	1994.3	2014.7	2035.2	2050.5	2019.9	1979.0	1927.8	1907.4	1902.3
-57.5°	1738.6	1784.6	1820.4	1851.1	1876.7	1902.3	1871.6	1830.7	1784.6	1759.1	1754.0
-60°	1575.0	1615.9	1651.7	1692.6	1728.4	1769.3	1754.0	1723.3	1697.7	1677.3	1656.8
-62.5°	1401.1	1442.0	1482.9	1534.1	1580.1	1621.0	1626.1	1621.0	1615.9	1621.0	1585.2
-65°	1257.9	1278.4	1304.0	1360.2	1411.3	1457.4	1482.9	1498.3	1523.8	1549.4	1513.6
-67.5°	1104.5	1130.1	1160.8	1201.7	1242.6	1273.3	1309.1	1350.0	1390.9	1431.8	1406.2
-70°	966.5	986.9	1012.5	1032.9	1058.5	1079.0	1109.6	1155.7	1201.7	1242.6	1232.4
-72.5°	823.3	843.7	859.1	869.3	884.6	894.9	910.2	951.1	981.8	1002.3	1002.3
-75°	680.1	700.6	715.9	721.0	731.2	736.4	746.6	761.9	777.3	782.4	787.5
-77.5°	521.6	542.0	557.4	567.6	577.8	588.1	593.2	603.4	608.5	608.5	613.6
-80°	388.6	404.0	414.2	429.5	434.7	444.9	455.1	460.2	465.3	465.3	470.4
-82.5°	276.1	286.4	296.6	306.8	317.0	322.2	332.4	337.5	342.6	347.7	352.8
-85°	184.1	194.3	204.5	214.8	219.9	225.0	230.1	235.2	240.3	245.5	250.6
-87.5°	107.4	112.5	117.6	127.8	133.0	143.2	148.3	143.2	148.3	148.3	148.3
-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):

	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°	199.4	199.4	199.4	199.4	194.3	184.1	179.0	168.7	158.5	148.3	138.1
85°	414.2	419.3	419.3	419.3	409.1	404.0	388.6	373.3	352.8	322.2	296.6
82.5°	690.3	695.4	695.4	690.3	680.1	664.8	644.3	618.7	577.8	536.9	501.1
80°	1038.1	1043.2	1043.2	1038.1	1012.5	986.9	961.4	930.7	879.5	823.3	761.9
77.5°	1452.3	1462.5	1462.5	1447.1	1411.3	1380.7	1339.8	1288.6	1211.9	1130.1	1048.3
75°	1932.9	1958.5	1963.6	1948.3	1902.3	1846.0	1779.5	1692.6	1575.0	1472.7	1375.6
72.5°	2490.3	2515.9	2536.3	2515.9	2449.4	2372.7	2275.5	2173.3	2055.7	1917.6	1754.0
70°	3221.6	3247.1	3262.5	3196.0	3078.4	2950.5	2832.9	2715.3	2577.2	2408.5	2229.5
67.5°	4142.0	4116.4	4085.7	3952.8	3804.5	3651.1	3487.5	3313.6	3134.6	2955.6	2746.0
65°	5026.6	4955.1	4888.6	4730.1	4540.9	4341.4	4152.2	3957.9	3743.1	3518.1	3318.7
62.5°	5957.3	5803.9	5640.3	5446.0	5251.6	5031.8	4842.6	4612.4	4372.1	4096.0	3840.3
60°	6872.6	6688.6	6524.9	6284.6	6028.9	5732.3	5527.8	5302.8	5021.5	4724.9	4423.2
57.5°	7757.3	7557.9	7378.9	7169.2	6893.1	6570.9	6346.0	6054.5	5757.9	5384.6	5077.8
55°	8698.2	8498.8	8355.6	8120.4	7818.7	7522.1	7276.6	6969.8	6555.6	6156.7	5778.3
52.5°	9777.2	9618.6	9465.2	9224.9	8861.8	8560.1	8289.1	7946.5	7511.8	7020.9	6565.8
50°	10984.0	10902.1	10738.5	10457.3	10043.1	9777.2	9419.2	8964.1	8498.8	7982.3	7414.7
47.5°	12584.5	12451.6	12221.5	11914.6	11566.9	11168.1	10687.4	10155.6	9495.9	8923.2	8319.8
45°	14497.0	14251.5	13955.0	13540.8	13111.2	12661.2	12134.5	11459.5	10574.9	9828.3	9194.2
42.5°	16568.0	16235.6	15831.6	15289.6	14732.2	14180.0	13612.3	12691.9	11587.4	10728.3	10012.4
40°	18731.0	18306.6	17800.4	17012.9	16394.1	15683.3	15033.9	13658.4	12482.2	11551.6	10789.6
37.5°	20848.1	20311.1	19462.3	18506.0	17785.0	17202.1	15775.4	14302.7	13249.3	12226.6	11454.4
35°	22469.1	22014.0	20515.7	19523.6	18904.9	17984.5	16199.8	14691.3	13576.5	12727.7	11526.0
32.5°	23430.4	22254.3	20940.1	19937.8	19426.5	17918.0	16230.5	14803.8	13730.0	12778.8	11341.9
30°	23215.6	21794.1	20643.5	19804.9	18695.2	17340.1	15944.1	14629.9	13586.8	12436.2	11137.4
27.5°	21921.9	20822.5	19794.7	18920.2	17831.0	16614.0	15325.4	14169.7	13198.1	12083.4	10856.1
25°	20459.4	19462.3	18700.4	17938.4	16905.5	15744.7	14609.5	13776.0	12799.3	11699.9	10487.9
22.5°	19114.6	18398.7	17800.4	17002.6	15995.3	14982.8	14277.1	13412.9	12410.7	11295.9	10109.5
20°	18255.5	17769.7	17084.5	16204.9	15412.3	14778.2	13995.9	13080.5	12047.6	10881.7	9787.4
17.5°	17841.3	17278.8	16516.9	15944.1	15335.6	14640.2	13765.8	12794.2	11694.8	10692.5	9823.2
15°	17626.5	17033.3	16532.2	15969.7	15284.5	14553.2	13581.7	12574.3	11694.8	10769.2	9848.8
12.5°	17672.5	17161.2	16614.0	16000.4	15264.0	14481.7	13602.1	12666.3	11756.1	10825.4	9853.9
10°	17815.7	17278.8	16695.8	16015.7	15274.3	14502.1	13658.4	12722.6	11786.8	10851.0	9843.6
7.5°	17866.8	17283.9	16660.0	15974.8	15248.7	14491.9	13668.6	12737.9	11791.9	10845.9	9813.0
5°	17708.3	17181.6	16578.2	15887.9	15177.1	14440.7	13627.7	12717.5	11751.0	10794.8	9736.3
2.5°	17493.6	17069.1	16491.3	15826.5	15105.5	14369.2	13561.2	12625.4	11659.0	10702.7	9639.1
0°	17457.8	16931.1	16348.1	15754.9	14987.9	14210.6	13407.8	12451.6	11490.2	10528.9	9470.3
-2.5°	17222.5	16665.2	16082.2	15437.9	14762.9	13980.5	13136.8	12201.0	11249.9	10303.9	9286.3
-5°	17043.6	16424.8	15806.1	15110.6	14430.5	13648.1	12773.7	11863.5	10932.8	10012.4	9030.6
-7.5°	16803.2	16169.1	15519.7	14793.6	14057.2	13259.5	12395.3	11485.1	10569.8	9654.4	8713.5
-10°	16317.4	15760.0	15151.5	14399.8	13622.6	12824.9	11965.8	11070.9	10155.6	9230.0	8284.0
-12.5°	15729.4	15141.3	14476.5	13786.2	13090.8	12349.3	11490.2	10610.7	9690.2	8759.6	7818.7
-15°	14967.4	14389.6	13709.5	13034.5	12364.6	11653.8	10897.0	10104.4	9168.6	8253.3	7312.4
-17.5°	14016.3	13474.3	12865.8	12221.5	11556.7	10840.8	10104.4	9434.6	8560.1	7701.0	6770.4
-20°	12993.6	12487.4	11940.2	11331.7	10666.9	9966.4	9270.9	8570.4	7813.5	7056.7	6192.5



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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°	11930.0	11418.6	10866.4	10298.7	9685.1	9035.7	8391.4	7721.5	7056.7	6371.5	5640.3
-25°	10702.7	10252.7	9746.5	9194.2	8647.1	8079.5	7465.8	6857.3	6289.7	5696.5	5098.2
-27.5°	9419.2	9005.0	8544.8	8064.1	7593.7	7118.1	6586.3	6023.8	5553.3	5062.4	4566.4
-30°	8069.2	7736.8	7363.6	6944.2	6581.2	6197.7	5752.8	5287.4	4857.9	4484.6	4085.7
-32.5°	6790.8	6509.6	6243.7	5967.5	5609.6	5313.0	5006.2	4663.6	4285.2	3932.3	3646.0
-35°	5691.4	5389.7	5277.2	5072.7	4817.0	4556.2	4331.2	4085.7	3799.4	3487.5	3252.2
-37.5°	4765.9	4586.9	4428.4	4315.9	4147.1	3937.5	3758.5	3579.5	3359.6	3124.4	2889.2
-40°	4044.8	3922.1	3748.3	3692.0	3584.6	3441.4	3257.3	3119.3	2971.0	2792.0	2592.6
-42.5°	3467.0	3375.0	3262.5	3165.3	3119.3	3017.0	2873.8	2740.9	2623.3	2500.5	2347.1
-45°	2991.4	2930.1	2858.5	2771.6	2735.8	2653.9	2551.7	2403.4	2336.9	2234.6	2122.1
-47.5°	2607.9	2577.2	2526.1	2469.9	2418.7	2357.4	2265.3	2173.3	2081.2	2014.7	1927.8
-50°	2306.2	2285.8	2255.1	2209.1	2142.6	2101.7	2040.3	1958.5	1871.6	1815.3	1754.0
-52.5°	2065.9	2045.4	2025.0	1989.2	1938.0	1897.1	1846.0	1779.5	1707.9	1651.7	1600.5
-55°	1881.8	1851.1	1835.8	1805.1	1764.2	1718.2	1672.1	1626.1	1564.8	1513.6	1462.5
-57.5°	1738.6	1697.7	1677.3	1651.7	1610.8	1564.8	1529.0	1482.9	1442.0	1385.8	1339.8
-60°	1626.1	1580.1	1539.2	1513.6	1477.8	1431.8	1396.0	1360.2	1319.3	1273.3	1217.0
-62.5°	1534.1	1477.8	1421.6	1390.9	1355.1	1314.2	1278.4	1242.6	1201.7	1155.7	1104.5
-65°	1447.1	1380.7	1309.1	1278.4	1242.6	1201.7	1155.7	1130.1	1094.3	1053.4	1002.3
-67.5°	1339.8	1268.2	1206.8	1171.0	1135.2	1099.4	1058.5	1032.9	997.1	946.0	894.9
-70°	1181.2	1135.2	1094.3	1063.6	1032.9	1002.3	961.4	920.4	879.5	833.5	787.5
-72.5°	981.8	966.5	961.4	946.0	910.2	874.4	833.5	792.6	756.8	721.0	685.2
-75°	792.6	802.8	813.1	807.9	772.2	736.4	700.6	664.8	639.2	608.5	577.8
-77.5°	629.0	639.2	649.4	649.4	623.9	603.4	577.8	552.3	531.8	506.2	475.6
-80°	485.8	501.1	516.5	526.7	506.2	490.9	470.4	450.0	429.5	409.1	388.6
-82.5°	368.2	383.5	398.9	409.1	393.7	383.5	368.2	352.8	337.5	317.0	301.7
-85°	265.9	276.1	286.4	291.5	281.2	271.0	260.8	250.6	240.3	225.0	214.8
-87.5°	153.4	158.5	163.6	168.7	158.5	148.3	143.2	133.0	127.8	117.6	112.5
-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):

	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°	127.8	117.6	107.4	102.3	92.0	76.7	66.5	56.2	46.0	35.8	30.7
85°	271.0	245.5	214.8	199.4	179.0	158.5	138.1	117.6	97.2	76.7	56.2
82.5°	465.3	434.7	404.0	368.2	322.2	265.9	209.7	173.9	143.2	112.5	86.9
80°	700.6	644.3	593.2	547.2	496.0	424.4	347.7	276.1	194.3	148.3	112.5
77.5°	971.6	905.1	833.5	756.8	675.0	577.8	490.9	398.9	301.7	204.5	143.2
75°	1278.4	1191.5	1094.3	986.9	879.5	751.7	629.0	521.6	409.1	286.4	173.9
72.5°	1621.0	1513.6	1396.0	1252.8	1084.1	935.8	787.5	644.3	511.4	363.1	235.2
70°	2060.8	1892.0	1718.2	1564.8	1350.0	1114.8	940.9	777.3	608.5	444.9	296.6
67.5°	2531.2	2326.7	2117.0	1892.0	1621.0	1344.9	1094.3	910.2	710.8	521.6	352.8
65°	3042.6	2786.9	2521.0	2270.4	1897.1	1569.9	1288.6	1038.1	807.9	593.2	409.1
62.5°	3569.3	3267.6	2960.8	2633.5	2204.0	1800.0	1472.7	1181.2	900.0	659.7	460.2
60°	4131.8	3778.9	3405.6	2996.6	2495.4	2050.5	1646.6	1329.5	997.1	726.1	516.5
57.5°	4724.9	4341.4	3901.7	3349.4	2797.1	2290.9	1846.0	1462.5	1084.1	787.5	557.4
55°	5369.3	4929.5	4448.8	3717.6	3093.7	2531.2	2045.4	1595.4	1176.1	838.6	598.3
52.5°	6064.7	5553.3	4944.8	4106.2	3405.6	2776.7	2229.5	1713.0	1263.1	894.9	634.1
50°	6842.0	6197.7	5379.5	4464.2	3676.7	3006.8	2413.6	1840.9	1334.6	956.2	664.8
47.5°	7649.9	6954.5	5768.1	4796.5	3952.8	3231.8	2602.8	1953.4	1406.2	1007.4	695.4
45°	8493.7	7481.2	6172.1	5093.1	4193.1	3436.3	2746.0	2055.7	1493.2	1053.4	721.0
42.5°	9327.2	7880.0	6524.9	5389.7	4418.1	3620.4	2863.6	2152.8	1564.8	1099.4	746.6
40°	9720.9	8181.7	6806.2	5594.3	4607.3	3784.0	2965.9	2239.7	1626.1	1130.1	772.2
37.5°	9884.5	8365.8	6990.3	5788.6	4755.6	3871.0	3052.8	2316.5	1677.3	1160.8	792.6
35°	9920.3	8432.3	7082.3	5921.5	4878.4	3952.8	3119.3	2372.7	1718.2	1191.5	813.1
32.5°	9853.9	8411.8	7107.9	5967.5	4955.1	4014.2	3165.3	2413.6	1748.8	1222.1	833.5
30°	9705.6	8304.5	7015.8	5962.4	5011.3	4050.0	3196.0	2444.3	1779.5	1242.6	843.7
27.5°	9465.2	8115.2	6898.2	5967.5	5042.0	4065.3	3211.3	2459.6	1800.0	1257.9	864.2
25°	9168.6	7859.6	6903.3	5957.3	5047.1	4070.4	3211.3	2459.6	1805.1	1263.1	879.5
22.5°	8826.0	7859.6	6903.3	5942.0	5016.4	4060.2	3196.0	2449.4	1805.1	1273.3	894.9
20°	8846.5	7864.7	6888.0	5911.3	4970.4	4029.5	3160.2	2423.8	1789.8	1288.6	905.1
17.5°	8861.8	7854.5	6857.3	5870.4	4909.0	3978.4	3114.2	2388.0	1789.8	1304.0	910.2
15°	8861.8	7823.8	6811.3	5809.0	4832.3	3906.8	3047.7	2357.4	1794.9	1309.1	920.4
12.5°	8846.5	7767.5	6739.7	5727.2	4740.3	3819.8	3006.8	2347.1	1794.9	1314.2	920.4
10°	8815.8	7690.8	6647.7	5624.9	4653.4	3789.2	2986.3	2326.7	1784.6	1314.2	920.4
7.5°	8759.6	7598.8	6570.9	5563.6	4602.2	3753.4	2955.6	2296.0	1769.3	1304.0	930.7
5°	8672.6	7547.6	6509.6	5492.0	4530.6	3727.8	2935.2	2270.4	1759.1	1304.0	920.4
2.5°	8560.1	7486.3	6438.0	5399.9	4448.8	3640.9	2868.7	2214.2	1723.3	1283.5	910.2
0°	8376.0	7363.6	6315.3	5272.1	4336.3	3553.9	2802.2	2157.9	1687.5	1263.1	900.0
-2.5°	8207.3	7199.9	6156.7	5139.1	4228.9	3477.2	2751.1	2127.2	1672.1	1257.9	894.9
-5°	7972.1	6974.9	5947.1	4965.3	4085.7	3400.5	2700.0	2091.5	1656.8	1247.7	894.9
-7.5°	7711.3	6739.7	5727.2	4786.3	3942.6	3267.6	2602.8	2035.2	1621.0	1227.3	889.8
-10°	7307.3	6386.9	5451.1	4581.8	3789.2	3150.0	2521.0	1984.1	1590.3	1206.8	869.3
-12.5°	6877.8	5998.2	5134.0	4331.2	3615.3	3027.2	2428.9	1927.8	1554.5	1186.4	859.1
-15°	6422.7	5599.4	4801.6	4070.4	3426.1	2878.9	2331.8	1866.5	1518.7	1160.8	843.7
-17.5°	5947.1	5180.1	4459.0	3804.5	3236.9	2725.5	2229.5	1810.2	1477.8	1135.2	828.4
-20°	5446.0	4750.5	4111.3	3533.5	3037.5	2572.1	2122.1	1743.7	1431.8	1104.5	807.9



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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°	4949.9	4326.1	3753.4	3267.6	2832.9	2413.6	2014.7	1677.3	1380.7	1068.7	792.6
-25°	4510.2	3927.2	3436.3	3011.9	2633.5	2260.2	1902.3	1610.8	1324.4	1032.9	772.2
-27.5°	4080.6	3584.6	3124.4	2771.6	2439.2	2111.9	1794.9	1539.2	1268.2	992.0	751.7
-30°	3681.8	3257.3	2878.9	2536.3	2255.1	1979.0	1702.8	1467.6	1206.8	951.1	726.1
-32.5°	3318.7	2976.1	2659.1	2331.8	2081.2	1846.0	1615.9	1396.0	1145.4	910.2	700.6
-35°	2981.2	2715.3	2439.2	2163.0	1907.4	1723.3	1523.8	1319.3	1089.2	864.2	675.0
-37.5°	2679.5	2464.7	2244.9	2009.6	1789.8	1605.7	1436.9	1242.6	1032.9	823.3	649.4
-40°	2418.7	2244.9	2050.5	1861.3	1677.3	1503.4	1350.0	1165.9	976.7	792.6	623.9
-42.5°	2178.4	2045.4	1886.9	1728.4	1564.8	1411.3	1263.1	1084.1	920.4	756.8	598.3
-45°	1994.3	1861.3	1733.5	1590.3	1452.3	1319.3	1171.0	1012.5	869.3	715.9	572.7
-47.5°	1820.4	1702.8	1585.2	1467.6	1355.1	1232.4	1084.1	951.1	813.1	680.1	552.3
-50°	1667.0	1554.5	1452.3	1350.0	1252.8	1135.2	997.1	889.8	767.0	644.3	526.7
-52.5°	1523.8	1426.7	1324.4	1242.6	1160.8	1043.2	930.7	828.4	721.0	603.4	501.1
-55°	1396.0	1304.0	1211.9	1135.2	1058.5	956.2	864.2	777.3	675.0	572.7	475.6
-57.5°	1273.3	1196.6	1109.6	1038.1	961.4	879.5	802.8	721.0	629.0	542.0	450.0
-60°	1160.8	1089.2	1012.5	940.9	874.4	807.9	736.4	669.9	588.1	506.2	424.4
-62.5°	1048.3	986.9	920.4	848.9	797.7	736.4	680.1	613.6	547.2	475.6	378.4
-65°	946.0	889.8	828.4	767.0	721.0	675.0	623.9	562.5	506.2	439.8	337.5
-67.5°	843.7	792.6	741.5	690.3	649.4	613.6	562.5	516.5	470.4	398.9	296.6
-70°	746.6	705.7	659.7	618.7	588.1	547.2	511.4	470.4	429.5	347.7	250.6
-72.5°	654.5	613.6	577.8	547.2	521.6	485.8	455.1	424.4	368.2	291.5	209.7
-75°	547.2	521.6	501.1	475.6	450.0	424.4	398.9	363.1	306.8	235.2	163.6
-77.5°	450.0	434.7	419.3	398.9	378.4	358.0	327.3	291.5	245.5	184.1	133.0
-80°	368.2	352.8	342.6	322.2	306.8	286.4	255.7	225.0	179.0	143.2	107.4
-82.5°	281.2	271.0	260.8	250.6	235.2	214.8	184.1	158.5	133.0	107.4	81.8
-85°	199.4	194.3	184.1	173.9	158.5	143.2	122.7	107.4	92.0	71.6	56.2
-87.5°	102.3	97.2	92.0	86.9	81.8	71.6	61.4	51.1	46.0	35.8	25.6
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	20.5	15.3	5.1	0.0
85°	40.9	25.6	10.2	0.0
82.5°	61.4	40.9	15.3	0.0
80°	81.8	51.1	25.6	0.0
77.5°	102.3	61.4	30.7	0.0
75°	122.7	76.7	35.8	0.0
72.5°	138.1	86.9	40.9	0.0
70°	163.6	102.3	46.0	0.0
67.5°	204.5	112.5	51.1	0.0
65°	240.3	122.7	56.2	0.0
62.5°	281.2	133.0	61.4	0.0
60°	317.0	143.2	66.5	0.0
57.5°	352.8	168.7	71.6	0.0
55°	383.5	189.2	76.7	0.0
52.5°	419.3	209.7	81.8	0.0
50°	450.0	230.1	86.9	0.0
47.5°	475.6	250.6	86.9	0.0
45°	496.0	265.9	92.0	0.0
42.5°	511.4	281.2	97.2	0.0
40°	526.7	296.6	102.3	0.0
37.5°	542.0	311.9	102.3	0.0
35°	557.4	327.3	107.4	0.0
32.5°	572.7	342.6	107.4	0.0
30°	582.9	352.8	112.5	0.0
27.5°	598.3	363.1	112.5	0.0
25°	603.4	373.3	117.6	0.0
22.5°	613.6	378.4	117.6	0.0
20°	623.9	388.6	117.6	0.0
17.5°	629.0	393.7	122.7	0.0
15°	629.0	398.9	127.8	0.0
12.5°	634.1	404.0	127.8	0.0
10°	634.1	414.2	122.7	0.0
7.5°	644.3	409.1	122.7	0.0
5°	639.2	409.1	122.7	0.0
2.5°	634.1	404.0	122.7	0.0
0°	629.0	404.0	122.7	0.0
-2.5°	629.0	404.0	122.7	0.0
-5°	629.0	404.0	122.7	0.0
-7.5°	623.9	409.1	122.7	0.0
-10°	613.6	409.1	122.7	0.0
-12.5°	608.5	393.7	122.7	0.0
-15°	603.4	388.6	122.7	0.0
-17.5°	593.2	383.5	117.6	0.0
-20°	582.9	378.4	117.6	0.0



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 CATALOG NUMBER: IFLD-L-SA7E-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	572.7	368.2	117.6	0.0
-25°	562.5	358.0	112.5	0.0
-27.5°	552.3	347.7	112.5	0.0
-30°	536.9	337.5	107.4	0.0
-32.5°	521.6	327.3	107.4	0.0
-35°	511.4	311.9	102.3	0.0
-37.5°	496.0	296.6	102.3	0.0
-40°	480.7	281.2	97.2	0.0
-42.5°	465.3	265.9	92.0	0.0
-45°	444.9	250.6	92.0	0.0
-47.5°	429.5	235.2	86.9	0.0
-50°	404.0	214.8	81.8	0.0
-52.5°	373.3	194.3	76.7	0.0
-55°	342.6	179.0	71.6	0.0
-57.5°	311.9	158.5	71.6	0.0
-60°	281.2	138.1	66.5	0.0
-62.5°	250.6	127.8	61.4	0.0
-65°	219.9	117.6	56.2	0.0
-67.5°	184.1	102.3	51.1	0.0
-70°	153.4	92.0	46.0	0.0
-72.5°	133.0	81.8	40.9	0.0
-75°	112.5	71.6	35.8	0.0
-77.5°	97.2	61.4	30.7	0.0
-80°	76.7	46.0	20.5	0.0
-82.5°	56.2	35.8	15.3	0.0
-85°	35.8	25.6	10.2	0.0
-87.5°	20.5	10.2	5.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)