

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: P721987

Luminaire Tested: **IFLD-L-SA8D-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721987
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

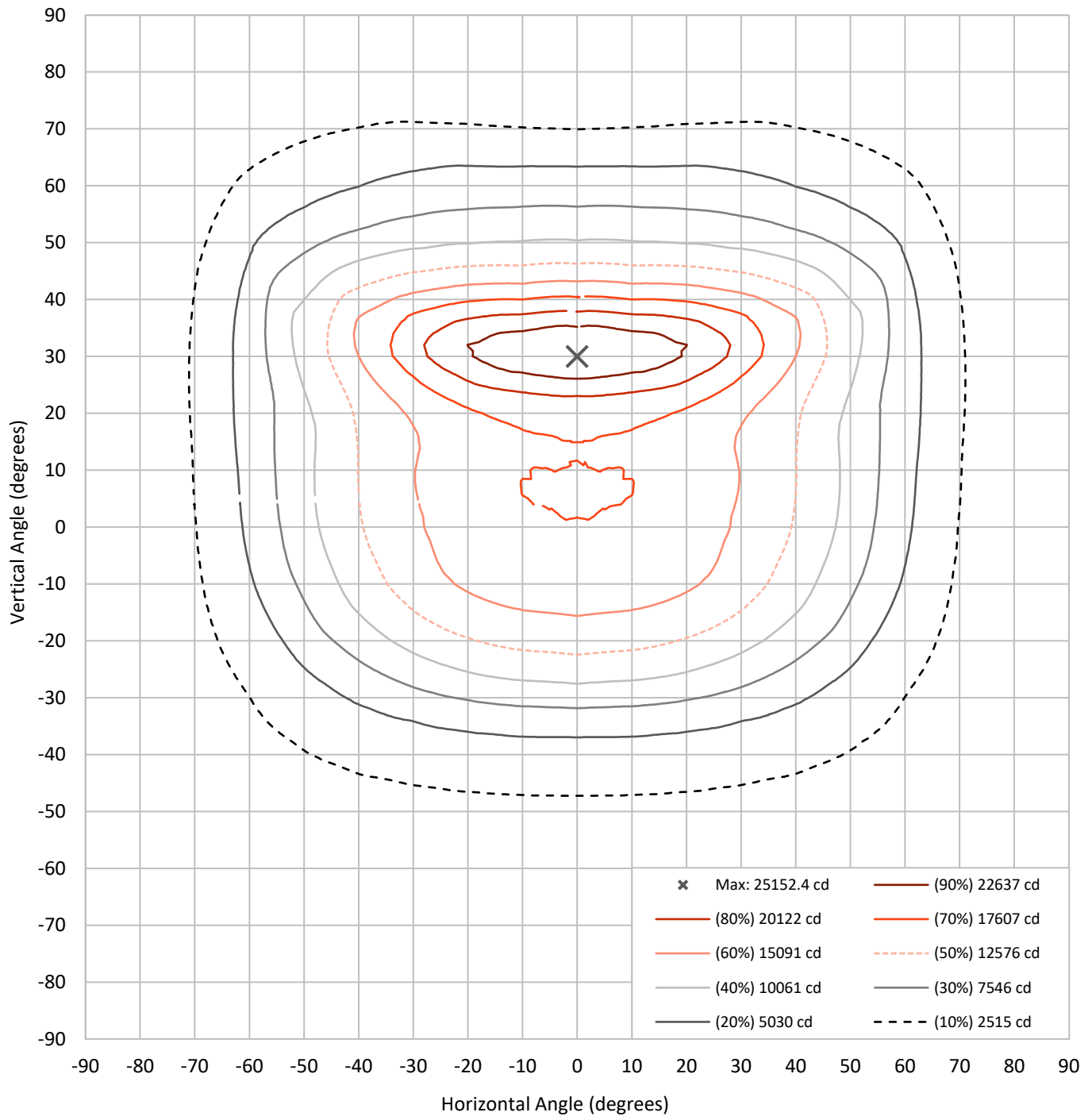
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41985.6 lumens	Max Intensity:	25152.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24415.1 lumens	Field Lumens:	39345.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3
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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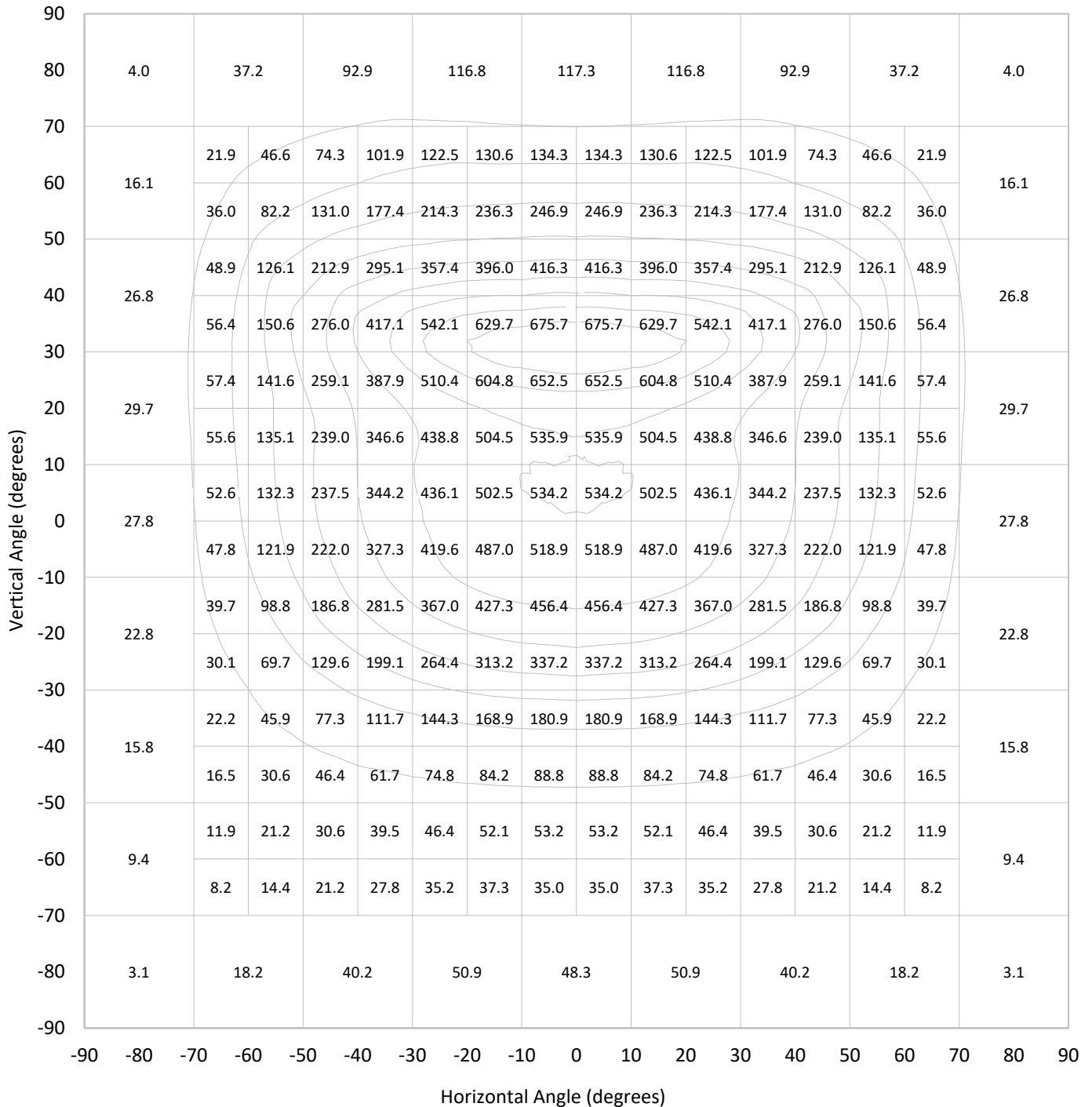
Iso-Candela Plot





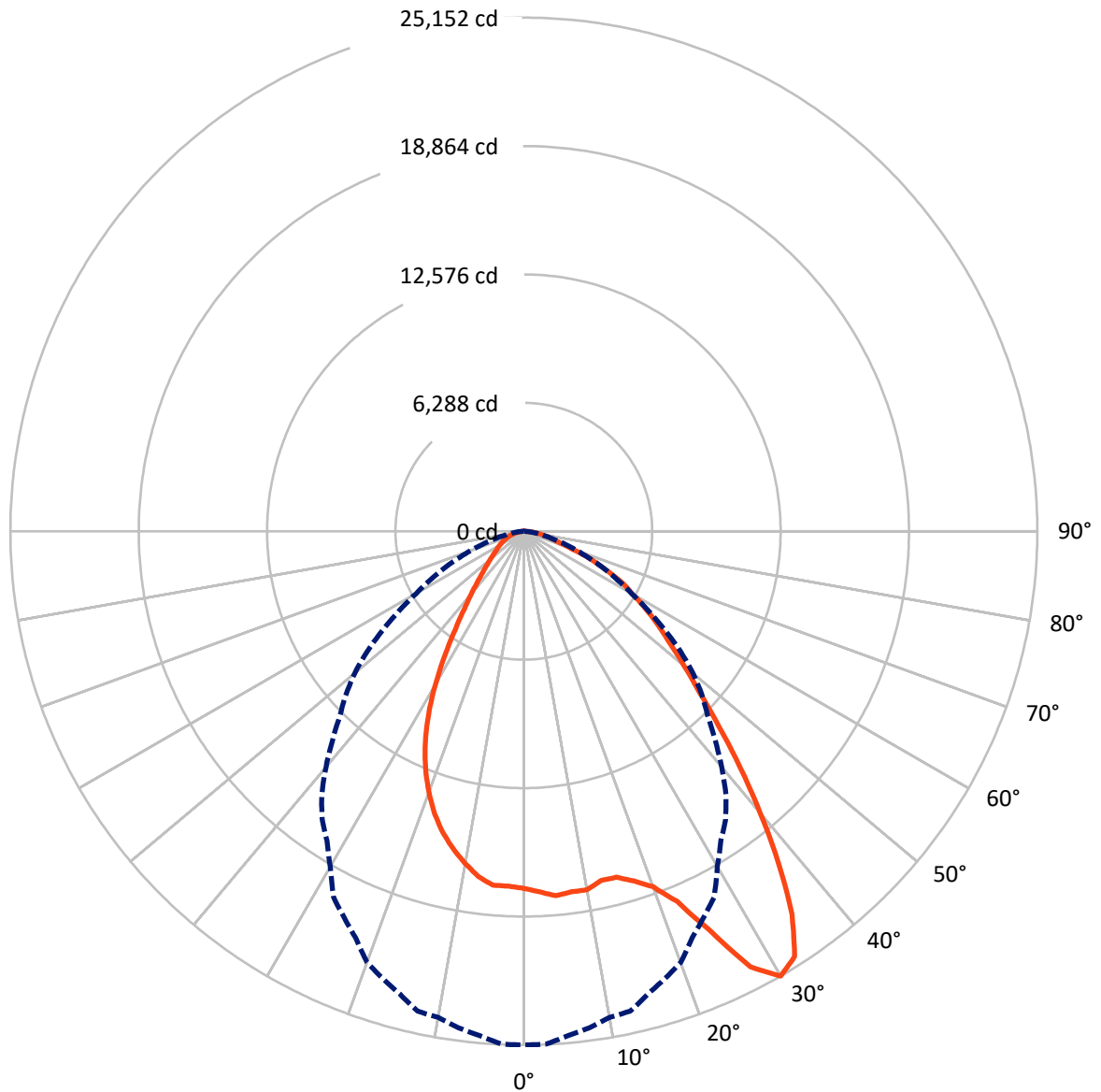
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Lumen Table



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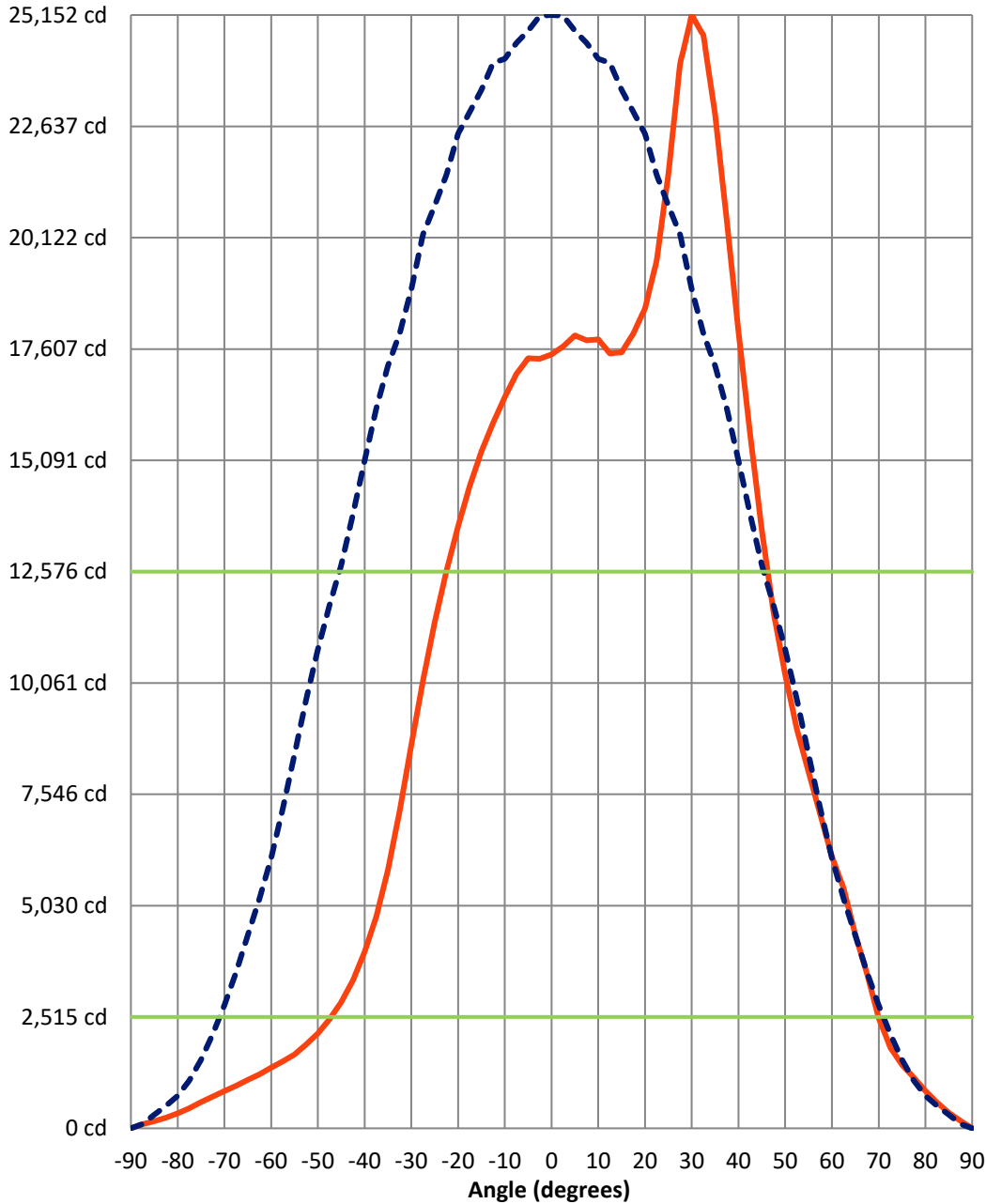
Luminous Intensity Polar Plot



— 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: 24415.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 39345.9
 Efficiency: 93.7%

Spill:
 Lumens: 2639.7
 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°	169.0	173.5	177.9	177.9	173.5	173.5	173.5	169.0	173.5	173.5	173.5
85°	351.4	360.3	369.2	364.7	360.3	351.4	342.5	346.9	351.4	355.8	355.8
82.5°	582.7	596.0	604.9	600.5	591.6	582.7	573.8	578.2	587.1	591.6	591.6
80°	845.1	849.5	854.0	862.9	849.5	849.5	845.1	862.9	871.8	880.7	889.6
77.5°	1147.5	1152.0	1152.0	1156.4	1160.9	1165.3	1165.3	1196.5	1218.7	1232.0	1245.4
75°	1432.2	1445.5	1458.9	1472.2	1490.0	1498.9	1512.3	1556.7	1592.3	1619.0	1645.7
72.5°	1823.6	1841.4	1863.6	1894.8	1925.9	1948.1	1979.3	2032.6	2072.7	2099.4	2130.5
70°	2495.2	2513.0	2535.3	2557.5	2588.6	2610.9	2642.0	2708.7	2748.7	2766.5	2784.3
67.5°	3491.5	3536.0	3576.0	3531.6	3509.3	3478.2	3487.1	3549.4	3589.4	3616.1	3611.6
65°	4376.6	4407.8	4407.8	4403.3	4385.5	4345.5	4367.7	4443.4	4487.8	4510.1	4443.4
62.5°	5417.4	5417.4	5395.2	5430.8	5435.2	5408.5	5395.2	5399.6	5404.1	5417.4	5306.2
60°	6138.0	6182.5	6195.8	6226.9	6235.8	6235.8	6258.1	6275.9	6275.9	6249.2	6120.2
57.5°	7089.8	7174.3	7192.1	7169.9	7125.4	7067.6	7058.7	7032.0	6978.6	6925.2	6863.0
55°	8050.5	8095.0	8090.6	8077.2	8032.7	7966.0	7974.9	7939.3	7854.8	7788.1	7703.6
52.5°	9015.7	9122.5	9140.2	9113.6	9051.3	8980.1	8984.6	8944.5	8860.0	8788.9	8673.2
50°	10247.8	10336.7	10327.8	10283.3	10194.4	10141.0	10145.5	10069.8	9972.0	9949.7	9798.5
47.5°	11657.7	11760.0	11742.2	11679.9	11559.9	11537.6	11559.9	11462.0	11404.2	11355.3	11177.3
45°	13508.0	13628.1	13561.4	13441.3	13250.0	13272.3	13303.4	13285.6	13161.1	13032.1	12805.2
42.5°	15678.5	15754.1	15674.1	15554.0	15313.8	15358.3	15340.5	15233.7	15158.1	14944.6	14655.5
40°	18000.3	18164.8	18040.3	17853.5	17604.4	17671.1	17622.2	17484.3	17306.4	17039.6	16674.8
37.5°	20504.4	20633.4	20491.1	20273.1	20050.7	20028.5	19930.6	19717.1	19463.6	19170.1	18587.4
35°	22901.8	23235.4	22972.9	22626.0	22354.7	22252.4	22159.0	21665.3	21376.2	20900.3	20104.1
32.5°	24685.3	24930.0	24605.3	24245.0	23915.9	23773.5	23444.4	22857.3	22701.6	21700.9	20971.4
30°	25152.4	25134.6	24796.5	24520.8	24164.9	24067.1	23462.2	22964.0	22465.9	21540.7	20846.9
27.5°	24040.4	23929.2	23604.5	23364.3	23013.0	22897.3	22301.3	22034.4	21265.0	20482.2	19895.0
25°	21563.0	21620.8	21376.2	21256.1	21024.8	20775.7	20540.0	20179.7	19699.3	19014.4	18476.2
22.5°	19610.4	19686.0	19583.7	19441.4	19263.5	19125.6	18947.7	18667.5	18204.9	17782.3	17275.3
20°	18525.1	18502.9	18413.9	18307.2	18138.2	18040.3	17844.6	17608.9	17253.0	16888.3	16341.2
17.5°	17955.8	17817.9	17733.4	17693.4	17604.4	17479.9	17248.6	17008.4	16732.7	16319.0	15918.7
15°	17533.3	17555.5	17488.8	17457.6	17386.5	17213.0	16977.3	16781.6	16408.0	16198.9	15834.2
12.5°	17506.6	17484.3	17488.8	17475.4	17386.5	17164.1	17044.0	16794.9	16554.7	16279.0	15860.9
10°	17822.4	17586.6	17604.4	17666.7	17524.4	17346.5	17217.5	16946.1	16719.3	16367.9	15954.3
7.5°	17804.6	17684.5	17720.1	17617.8	17662.2	17444.3	17266.4	16995.1	16710.4	16336.8	15963.2
5°	17911.3	17729.0	17697.8	17706.7	17595.5	17431.0	17190.8	16932.8	16665.9	16247.8	15865.3
2.5°	17666.7	17693.4	17551.1	17497.7	17484.3	17208.6	16986.2	16737.1	16461.3	16092.2	15749.7
0°	17484.3	17533.3	17386.5	17310.9	17306.4	17070.7	16928.4	16643.7	16448.0	16141.1	15727.5
-2.5°	17386.5	17444.3	17462.1	17324.2	17190.8	17008.4	16768.2	16461.3	16141.1	15785.3	15429.4
-5°	17395.4	17279.7	17230.8	17275.3	17159.6	16977.3	16710.4	16439.1	16123.3	15740.8	15296.0
-7.5°	17044.0	16928.4	16919.5	16897.2	16870.5	16697.1	16474.7	16181.1	15860.9	15505.1	15091.4
-10°	16519.2	16434.7	16412.4	16390.2	16319.0	16216.7	16007.7	15740.8	15451.7	15095.9	14655.5
-12.5°	15936.5	15896.5	15812.0	15754.1	15683.0	15562.9	15362.7	15118.1	14829.0	14513.2	14135.1
-15°	15291.6	15216.0	15131.4	15082.5	14980.2	14837.9	14637.7	14410.9	14095.1	13783.8	13427.9
-17.5°	14513.2	14419.8	14326.4	14313.0	14241.9	14023.9	13837.1	13561.4	13285.6	12987.6	12640.7
-20°	13596.9	13468.0	13405.7	13370.1	13272.3	13112.1	12912.0	12658.5	12391.6	12106.9	11706.6



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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°	12582.8	12471.7	12364.9	12298.2	12213.7	12089.1	11897.9	11675.5	11413.1	11092.8	10723.7
-25°	11430.9	11275.2	11208.5	11132.9	11088.4	10972.7	10785.9	10581.3	10310.0	9998.7	9647.3
-27.5°	10114.3	9989.8	9954.2	9847.4	9794.1	9674.0	9518.3	9327.1	9078.0	8784.4	8495.3
-30°	8659.9	8584.3	8526.4	8419.7	8379.7	8250.7	8148.4	7988.3	7761.4	7552.4	7321.1
-32.5°	7165.4	7089.8	7072.0	7023.1	6996.4	6911.9	6796.3	6680.6	6498.2	6342.6	6155.8
-35°	5840.0	5786.6	5791.0	5786.6	5759.9	5697.6	5555.3	5524.2	5390.7	5248.4	5128.3
-37.5°	4781.4	4785.8	4781.4	4776.9	4741.4	4714.7	4612.4	4572.3	4492.3	4354.4	4283.2
-40°	3985.2	3994.1	3989.7	3980.8	3940.8	3927.4	3860.7	3807.3	3776.2	3678.3	3602.7
-42.5°	3340.3	3353.6	3349.2	3344.8	3318.1	3313.6	3278.0	3215.8	3198.0	3140.2	3060.1
-45°	2851.0	2846.6	2837.7	2846.6	2833.3	2819.9	2797.7	2757.6	2735.4	2708.7	2642.0
-47.5°	2464.1	2468.5	2459.6	2459.6	2441.8	2428.5	2419.6	2392.9	2375.1	2352.9	2312.9
-50°	2143.8	2161.6	2157.2	2152.7	2139.4	2130.5	2130.5	2103.8	2077.1	2068.2	2041.5
-52.5°	1894.8	1908.1	1912.6	1921.5	1925.9	1930.3	1917.0	1890.3	1845.8	1841.4	1828.0
-55°	1667.9	1708.0	1734.6	1752.4	1770.2	1783.6	1756.9	1721.3	1676.8	1659.0	1654.6
-57.5°	1512.3	1552.3	1583.4	1610.1	1632.3	1654.6	1627.9	1592.3	1552.3	1530.0	1525.6
-60°	1369.9	1405.5	1436.6	1472.2	1503.4	1538.9	1525.6	1498.9	1476.7	1458.9	1441.1
-62.5°	1218.7	1254.3	1289.9	1334.3	1374.4	1410.0	1414.4	1410.0	1405.5	1410.0	1378.8
-65°	1094.2	1112.0	1134.2	1183.1	1227.6	1267.6	1289.9	1303.2	1325.4	1347.7	1316.6
-67.5°	960.7	983.0	1009.7	1045.2	1080.8	1107.5	1138.6	1174.2	1209.8	1245.4	1223.1
-70°	840.6	858.4	880.7	898.5	920.7	938.5	965.2	1005.2	1045.2	1080.8	1071.9
-72.5°	716.1	733.9	747.2	756.1	769.5	778.4	791.7	827.3	854.0	871.8	871.8
-75°	591.6	609.3	622.7	627.1	636.0	640.5	649.4	662.7	676.1	680.5	685.0
-77.5°	453.7	471.5	484.8	493.7	502.6	511.5	515.9	524.8	529.3	529.3	533.7
-80°	338.0	351.4	360.3	373.6	378.1	387.0	395.9	400.3	404.8	404.8	409.2
-82.5°	240.2	249.1	258.0	266.9	275.8	280.2	289.1	293.6	298.0	302.5	306.9
-85°	160.1	169.0	177.9	186.8	191.3	195.7	200.2	204.6	209.0	213.5	217.9
-87.5°	93.4	97.9	102.3	111.2	115.6	124.5	129.0	124.5	129.0	129.0	129.0
-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°	173.5	173.5	173.5	173.5	169.0	160.1	155.7	146.8	137.9	129.0	120.1
85°	360.3	364.7	364.7	364.7	355.8	351.4	338.0	324.7	306.9	280.2	258.0
82.5°	600.5	604.9	604.9	600.5	591.6	578.2	560.4	538.2	502.6	467.0	435.9
80°	902.9	907.4	907.4	902.9	880.7	858.4	836.2	809.5	765.0	716.1	662.7
77.5°	1263.2	1272.1	1272.1	1258.7	1227.6	1200.9	1165.3	1120.8	1054.1	983.0	911.8
75°	1681.3	1703.5	1708.0	1694.6	1654.6	1605.7	1547.8	1472.2	1369.9	1281.0	1196.5
72.5°	2166.1	2188.3	2206.1	2188.3	2130.5	2063.8	1979.3	1890.3	1788.0	1667.9	1525.6
70°	2802.1	2824.4	2837.7	2779.9	2677.6	2566.4	2464.1	2361.8	2241.7	2094.9	1939.2
67.5°	3602.7	3580.5	3553.8	3438.2	3309.2	3175.7	3033.4	2882.2	2726.5	2570.8	2388.5
65°	4372.2	4309.9	4252.1	4114.2	3949.7	3776.2	3611.6	3442.6	3255.8	3060.1	2886.6
62.5°	5181.7	5048.3	4905.9	4736.9	4567.9	4376.6	4212.1	4011.9	3802.9	3562.7	3340.3
60°	5977.9	5817.7	5675.4	5466.4	5244.0	4986.0	4808.1	4612.4	4367.7	4109.8	3847.4
57.5°	6747.3	6573.9	6418.2	6235.8	5995.6	5715.4	5519.7	5266.2	5008.2	4683.5	4416.7
55°	7565.7	7392.3	7267.7	7063.1	6800.7	6542.7	6329.2	6062.4	5702.1	5355.2	5026.0
52.5°	8504.2	8366.3	8232.9	8023.8	7708.1	7445.6	7209.9	6911.9	6533.8	6106.8	5711.0
50°	9553.9	9482.7	9340.4	9095.8	8735.5	8504.2	8192.9	7797.0	7392.3	6943.0	6449.3
47.5°	10946.1	10830.4	10630.3	10363.4	10060.9	9714.0	9295.9	8833.3	8259.6	7761.4	7236.6
45°	12609.5	12396.0	12138.1	11777.8	11404.2	11012.8	10554.6	9967.5	9198.1	8548.7	7997.2
42.5°	14410.9	14121.8	13770.4	13298.9	12814.1	12333.8	11840.1	11039.5	10078.7	9331.5	8708.8
40°	16292.3	15923.2	15482.8	14797.9	14259.7	13641.4	13076.6	11880.1	10857.1	10047.6	9384.9
37.5°	18133.7	17666.7	16928.4	16096.6	15469.5	14962.4	13721.5	12440.5	11524.3	10634.7	9963.1
35°	19543.7	19147.8	17844.6	16981.7	16443.5	15642.9	14090.7	12778.6	11808.9	11070.6	10025.4
32.5°	20379.9	19356.9	18213.8	17342.0	16897.2	15585.1	14117.3	12876.4	11942.4	11115.1	9865.2
30°	20193.0	18956.6	17955.8	17226.4	16261.2	15082.5	13868.3	12725.2	11817.8	10817.1	9687.3
27.5°	19067.8	18111.5	17217.5	16456.9	15509.5	14450.9	13330.1	12324.9	11479.8	10510.2	9442.7
25°	17795.7	16928.4	16265.6	15602.9	14704.5	13694.8	12707.4	11982.4	11132.9	10176.6	9122.5
22.5°	16625.9	16003.2	15482.8	14789.0	13912.7	13032.1	12418.3	11666.6	10794.8	9825.2	8793.3
20°	15878.7	15456.1	14860.1	14095.1	13405.7	12854.2	12173.7	11377.5	10479.0	9464.9	8513.1
17.5°	15518.4	15029.1	14366.4	13868.3	13339.0	12734.1	11973.5	11128.4	10172.1	9300.4	8544.2
15°	15331.6	14815.6	14379.8	13890.5	13294.5	12658.5	11813.4	10937.2	10172.1	9367.1	8566.5
12.5°	15371.6	14926.8	14450.9	13917.2	13276.7	12596.2	11831.2	11017.2	10225.5	9416.0	8570.9
10°	15496.2	15029.1	14522.1	13930.5	13285.6	12614.0	11880.1	11066.1	10252.2	9438.2	8562.0
7.5°	15540.6	15033.6	14491.0	13895.0	13263.4	12605.1	11889.0	11079.5	10256.6	9433.8	8535.3
5°	15402.8	14944.6	14419.8	13819.3	13201.1	12560.6	11853.4	11061.7	10221.1	9389.3	8468.6
2.5°	15216.0	14846.8	14344.2	13766.0	13138.8	12498.3	11795.6	10981.6	10141.0	9309.3	8384.1
0°	15184.8	14726.7	14219.6	13703.7	13036.5	12360.5	11662.2	10830.4	9994.2	9158.0	8237.3
-2.5°	14980.2	14495.4	13988.4	13427.9	12840.8	12160.3	11426.4	10612.5	9785.2	8962.3	8077.2
-5°	14824.5	14286.4	13748.2	13143.3	12551.7	11871.2	11110.6	10318.9	9509.4	8708.8	7854.8
-7.5°	14615.5	14064.0	13499.1	12867.5	12227.0	11533.2	10781.5	9989.8	9193.6	8397.5	7579.1
-10°	14193.0	13708.1	13178.9	12525.0	11849.0	11155.1	10407.9	9629.5	8833.3	8028.3	7205.4
-12.5°	13681.5	13170.0	12591.7	11991.3	11386.4	10741.5	9994.2	9229.2	8428.6	7619.1	6800.7
-15°	13018.7	12516.1	11924.6	11337.5	10754.8	10136.6	9478.3	8788.9	7974.9	7178.8	6360.4
-17.5°	12191.4	11720.0	11190.7	10630.3	10052.0	9429.4	8788.9	8206.2	7445.6	6698.4	5888.9
-20°	11301.9	10861.5	10385.6	9856.3	9278.1	8668.8	8063.9	7454.5	6796.3	6138.0	5386.3



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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°	10376.7	9932.0	9451.6	8957.9	8424.1	7859.3	7298.9	6716.2	6138.0	5542.0	4905.9
-25°	9309.3	8917.9	8477.5	7997.2	7521.2	7027.5	6493.8	5964.5	5470.8	4954.9	4434.5
-27.5°	8192.9	7832.6	7432.3	7014.2	6605.0	6191.3	5728.8	5239.5	4830.3	4403.3	3971.9
-30°	7018.6	6729.5	6404.8	6040.1	5724.3	5390.7	5003.8	4599.0	4225.4	3900.7	3553.8
-32.5°	5906.7	5662.1	5430.8	5190.6	4879.2	4621.3	4354.4	4056.4	3727.3	3420.4	3171.3
-35°	4950.4	4688.0	4590.1	4412.2	4189.8	3963.0	3767.3	3553.8	3304.7	3033.4	2828.8
-37.5°	4145.4	3989.7	3851.8	3754.0	3607.2	3424.8	3269.1	3113.5	2922.2	2717.6	2513.0
-40°	3518.2	3411.5	3260.2	3211.3	3117.9	2993.4	2833.3	2713.2	2584.2	2428.5	2255.0
-42.5°	3015.6	2935.6	2837.7	2753.2	2713.2	2624.2	2499.7	2384.0	2281.7	2175.0	2041.5
-45°	2602.0	2548.6	2486.3	2410.7	2379.6	2308.4	2219.5	2090.5	2032.6	1943.7	1845.8
-47.5°	2268.4	2241.7	2197.2	2148.3	2103.8	2050.4	1970.4	1890.3	1810.3	1752.4	1676.8
-50°	2006.0	1988.2	1961.5	1921.5	1863.6	1828.0	1774.7	1703.5	1627.9	1579.0	1525.6
-52.5°	1796.9	1779.1	1761.3	1730.2	1685.7	1650.1	1605.7	1547.8	1485.6	1436.6	1392.2
-55°	1636.8	1610.1	1596.8	1570.1	1534.5	1494.5	1454.4	1414.4	1361.0	1316.6	1272.1
-57.5°	1512.3	1476.7	1458.9	1436.6	1401.1	1361.0	1329.9	1289.9	1254.3	1205.4	1165.3
-60°	1414.4	1374.4	1338.8	1316.6	1285.4	1245.4	1214.3	1183.1	1147.5	1107.5	1058.6
-62.5°	1334.3	1285.4	1236.5	1209.8	1178.7	1143.1	1112.0	1080.8	1045.2	1005.2	960.7
-65°	1258.7	1200.9	1138.6	1112.0	1080.8	1045.2	1005.2	983.0	951.8	916.2	871.8
-67.5°	1165.3	1103.1	1049.7	1018.5	987.4	956.3	920.7	898.5	867.3	822.8	778.4
-70°	1027.4	987.4	951.8	925.1	898.5	871.8	836.2	800.6	765.0	725.0	685.0
-72.5°	854.0	840.6	836.2	822.8	791.7	760.6	725.0	689.4	658.3	627.1	596.0
-75°	689.4	698.3	707.2	702.8	671.6	640.5	609.3	578.2	556.0	529.3	502.6
-77.5°	547.1	556.0	564.9	564.9	542.6	524.8	502.6	480.4	462.6	440.3	413.6
-80°	422.5	435.9	449.2	458.1	440.3	427.0	409.2	391.4	373.6	355.8	338.0
-82.5°	320.2	333.6	346.9	355.8	342.5	333.6	320.2	306.9	293.6	275.8	262.4
-85°	231.3	240.2	249.1	253.5	244.6	235.7	226.8	217.9	209.0	195.7	186.8
-87.5°	133.4	137.9	142.3	146.8	137.9	129.0	124.5	115.6	111.2	102.3	97.9
-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°	111.2	102.3	93.4	89.0	80.1	66.7	57.8	48.9	40.0	31.1	26.7
85°	235.7	213.5	186.8	173.5	155.7	137.9	120.1	102.3	84.5	66.7	48.9
82.5°	404.8	378.1	351.4	320.2	280.2	231.3	182.4	151.2	124.5	97.9	75.6
80°	609.3	560.4	515.9	475.9	431.4	369.2	302.5	240.2	169.0	129.0	97.9
77.5°	845.1	787.3	725.0	658.3	587.1	502.6	427.0	346.9	262.4	177.9	124.5
75°	1112.0	1036.3	951.8	858.4	765.0	653.8	547.1	453.7	355.8	249.1	151.2
72.5°	1410.0	1316.6	1214.3	1089.7	942.9	813.9	685.0	560.4	444.8	315.8	204.6
70°	1792.5	1645.7	1494.5	1361.0	1174.2	969.6	818.4	676.1	529.3	387.0	258.0
67.5°	2201.7	2023.8	1841.4	1645.7	1410.0	1169.8	951.8	791.7	618.2	453.7	306.9
65°	2646.4	2424.1	2192.8	1974.8	1650.1	1365.5	1120.8	902.9	702.8	515.9	355.8
62.5°	3104.6	2842.1	2575.3	2290.6	1917.0	1565.6	1281.0	1027.4	782.8	573.8	400.3
60°	3593.8	3286.9	2962.2	2606.4	2170.5	1783.6	1432.2	1156.4	867.3	631.6	449.2
57.5°	4109.8	3776.2	3393.7	2913.3	2433.0	1992.6	1605.7	1272.1	942.9	685.0	484.8
55°	4670.2	4287.7	3869.6	3233.6	2690.9	2201.7	1779.1	1387.7	1023.0	729.4	520.4
52.5°	5275.1	4830.3	4301.0	3571.6	2962.2	2415.2	1939.2	1490.0	1098.6	778.4	551.5
50°	5951.2	5390.7	4679.1	3882.9	3198.0	2615.3	2099.4	1601.2	1160.9	831.7	578.2
47.5°	6653.9	6049.0	5017.1	4172.0	3438.2	2811.0	2263.9	1699.1	1223.1	876.2	604.9
45°	7387.8	6507.1	5368.5	4430.0	3647.2	2988.9	2388.5	1788.0	1298.8	916.2	627.1
42.5°	8112.8	6854.1	5675.4	4688.0	3842.9	3149.0	2490.8	1872.5	1361.0	956.3	649.4
40°	8455.3	7116.5	5920.0	4865.9	4007.5	3291.4	2579.7	1948.1	1414.4	983.0	671.6
37.5°	8597.6	7276.6	6080.2	5034.9	4136.5	3367.0	2655.3	2014.9	1458.9	1009.7	689.4
35°	8628.7	7334.4	6160.2	5150.6	4243.2	3438.2	2713.2	2063.8	1494.5	1036.3	707.2
32.5°	8570.9	7316.6	6182.5	5190.6	4309.9	3491.5	2753.2	2099.4	1521.2	1063.0	725.0
30°	8441.9	7223.2	6102.4	5186.1	4358.9	3522.7	2779.9	2126.1	1547.8	1080.8	733.9
27.5°	8232.9	7058.7	6000.1	5190.6	4385.5	3536.0	2793.2	2139.4	1565.6	1094.2	751.7
25°	7974.9	6836.3	6004.5	5181.7	4390.0	3540.5	2793.2	2139.4	1570.1	1098.6	765.0
22.5°	7676.9	6836.3	6004.5	5168.4	4363.3	3531.6	2779.9	2130.5	1570.1	1107.5	778.4
20°	7694.7	6840.7	5991.2	5141.7	4323.3	3504.9	2748.7	2108.3	1556.7	1120.8	787.3
17.5°	7708.1	6831.8	5964.5	5106.1	4269.9	3460.4	2708.7	2077.1	1556.7	1134.2	791.7
15°	7708.1	6805.1	5924.5	5052.7	4203.2	3398.1	2650.9	2050.4	1561.2	1138.6	800.6
12.5°	7694.7	6756.2	5862.2	4981.5	4123.1	3322.5	2615.3	2041.5	1561.2	1143.1	800.6
10°	7668.0	6689.5	5782.2	4892.6	4047.5	3295.8	2597.5	2023.8	1552.3	1143.1	800.6
7.5°	7619.1	6609.4	5715.4	4839.2	4003.0	3264.7	2570.8	1997.1	1538.9	1134.2	809.5
5°	7543.5	6565.0	5662.1	4776.9	3940.8	3242.5	2553.0	1974.8	1530.0	1134.2	800.6
2.5°	7445.6	6511.6	5599.8	4696.9	3869.6	3166.8	2495.2	1925.9	1498.9	1116.4	791.7
0°	7285.5	6404.8	5493.0	4585.7	3771.7	3091.2	2437.4	1877.0	1467.8	1098.6	782.8
-2.5°	7138.7	6262.5	5355.2	4470.0	3678.3	3024.5	2392.9	1850.3	1454.4	1094.2	778.4
-5°	6934.1	6066.8	5172.8	4318.8	3553.8	2957.8	2348.4	1819.2	1441.1	1085.3	778.4
-7.5°	6707.3	5862.2	4981.5	4163.1	3429.3	2842.1	2263.9	1770.2	1410.0	1067.5	773.9
-10°	6355.9	5555.3	4741.4	3985.2	3295.8	2739.8	2192.8	1725.7	1383.3	1049.7	756.1
-12.5°	5982.3	5217.3	4465.6	3767.3	3144.6	2633.1	2112.7	1676.8	1352.1	1031.9	747.2
-15°	5586.4	4870.4	4176.5	3540.5	2980.0	2504.1	2028.2	1623.5	1321.0	1009.7	733.9
-17.5°	5172.8	4505.6	3878.5	3309.2	2815.5	2370.7	1939.2	1574.5	1285.4	987.4	720.5
-20°	4736.9	4132.0	3576.0	3073.4	2642.0	2237.2	1845.8	1516.7	1245.4	960.7	702.8



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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°	4305.5	3762.8	3264.7	2842.1	2464.1	2099.4	1752.4	1458.9	1200.9	929.6	689.4
-25°	3923.0	3415.9	2988.9	2619.8	2290.6	1965.9	1654.6	1401.1	1152.0	898.5	671.6
-27.5°	3549.4	3117.9	2717.6	2410.7	2121.6	1836.9	1561.2	1338.8	1103.1	862.9	653.8
-30°	3202.4	2833.3	2504.1	2206.1	1961.5	1721.3	1481.1	1276.5	1049.7	827.3	631.6
-32.5°	2886.6	2588.6	2312.9	2028.2	1810.3	1605.7	1405.5	1214.3	996.3	791.7	609.3
-35°	2593.1	2361.8	2121.6	1881.4	1659.0	1498.9	1325.4	1147.5	947.4	751.7	587.1
-37.5°	2330.7	2143.8	1952.6	1748.0	1556.7	1396.6	1249.8	1080.8	898.5	716.1	564.9
-40°	2103.8	1952.6	1783.6	1619.0	1458.9	1307.7	1174.2	1014.1	849.5	689.4	542.6
-42.5°	1894.8	1779.1	1641.2	1503.4	1361.0	1227.6	1098.6	942.9	800.6	658.3	520.4
-45°	1734.6	1619.0	1507.8	1383.3	1263.2	1147.5	1018.5	880.7	756.1	622.7	498.2
-47.5°	1583.4	1481.1	1378.8	1276.5	1178.7	1071.9	942.9	827.3	707.2	591.6	480.4
-50°	1450.0	1352.1	1263.2	1174.2	1089.7	987.4	867.3	773.9	667.2	560.4	458.1
-52.5°	1325.4	1240.9	1152.0	1080.8	1009.7	907.4	809.5	720.5	627.1	524.8	435.9
-55°	1214.3	1134.2	1054.1	987.4	920.7	831.7	751.7	676.1	587.1	498.2	413.6
-57.5°	1107.5	1040.8	965.2	902.9	836.2	765.0	698.3	627.1	547.1	471.5	391.4
-60°	1009.7	947.4	880.7	818.4	760.6	702.8	640.5	582.7	511.5	440.3	369.2
-62.5°	911.8	858.4	800.6	738.3	693.9	640.5	591.6	533.7	475.9	413.6	329.1
-65°	822.8	773.9	720.5	667.2	627.1	587.1	542.6	489.3	440.3	382.5	293.6
-67.5°	733.9	689.4	644.9	600.5	564.9	533.7	489.3	449.2	409.2	346.9	258.0
-70°	649.4	613.8	573.8	538.2	511.5	475.9	444.8	409.2	373.6	302.5	217.9
-72.5°	569.3	533.7	502.6	475.9	453.7	422.5	395.9	369.2	320.2	253.5	182.4
-75°	475.9	453.7	435.9	413.6	391.4	369.2	346.9	315.8	266.9	204.6	142.3
-77.5°	391.4	378.1	364.7	346.9	329.1	311.3	284.7	253.5	213.5	160.1	115.6
-80°	320.2	306.9	298.0	280.2	266.9	249.1	222.4	195.7	155.7	124.5	93.4
-82.5°	244.6	235.7	226.8	217.9	204.6	186.8	160.1	137.9	115.6	93.4	71.2
-85°	173.5	169.0	160.1	151.2	137.9	124.5	106.7	93.4	80.1	62.3	48.9
-87.5°	89.0	84.5	80.1	75.6	71.2	62.3	53.4	44.5	40.0	31.1	22.2
-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°	17.8	13.3	4.4	0.0
85°	35.6	22.2	8.9	0.0
82.5°	53.4	35.6	13.3	0.0
80°	71.2	44.5	22.2	0.0
77.5°	89.0	53.4	26.7	0.0
75°	106.7	66.7	31.1	0.0
72.5°	120.1	75.6	35.6	0.0
70°	142.3	89.0	40.0	0.0
67.5°	177.9	97.9	44.5	0.0
65°	209.0	106.7	48.9	0.0
62.5°	244.6	115.6	53.4	0.0
60°	275.8	124.5	57.8	0.0
57.5°	306.9	146.8	62.3	0.0
55°	333.6	164.6	66.7	0.0
52.5°	364.7	182.4	71.2	0.0
50°	391.4	200.2	75.6	0.0
47.5°	413.6	217.9	75.6	0.0
45°	431.4	231.3	80.1	0.0
42.5°	444.8	244.6	84.5	0.0
40°	458.1	258.0	89.0	0.0
37.5°	471.5	271.3	89.0	0.0
35°	484.8	284.7	93.4	0.0
32.5°	498.2	298.0	93.4	0.0
30°	507.1	306.9	97.9	0.0
27.5°	520.4	315.8	97.9	0.0
25°	524.8	324.7	102.3	0.0
22.5°	533.7	329.1	102.3	0.0
20°	542.6	338.0	102.3	0.0
17.5°	547.1	342.5	106.7	0.0
15°	547.1	346.9	111.2	0.0
12.5°	551.5	351.4	111.2	0.0
10°	551.5	360.3	106.7	0.0
7.5°	560.4	355.8	106.7	0.0
5°	556.0	355.8	106.7	0.0
2.5°	551.5	351.4	106.7	0.0
0°	547.1	351.4	106.7	0.0
-2.5°	547.1	351.4	106.7	0.0
-5°	547.1	351.4	106.7	0.0
-7.5°	542.6	355.8	106.7	0.0
-10°	533.7	355.8	106.7	0.0
-12.5°	529.3	342.5	106.7	0.0
-15°	524.8	338.0	106.7	0.0
-17.5°	515.9	333.6	102.3	0.0
-20°	507.1	329.1	102.3	0.0



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 CATALOG NUMBER: IFLD-L-SA8D-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	498.2	320.2	102.3	0.0
-25°	489.3	311.3	97.9	0.0
-27.5°	480.4	302.5	97.9	0.0
-30°	467.0	293.6	93.4	0.0
-32.5°	453.7	284.7	93.4	0.0
-35°	444.8	271.3	89.0	0.0
-37.5°	431.4	258.0	89.0	0.0
-40°	418.1	244.6	84.5	0.0
-42.5°	404.8	231.3	80.1	0.0
-45°	387.0	217.9	80.1	0.0
-47.5°	373.6	204.6	75.6	0.0
-50°	351.4	186.8	71.2	0.0
-52.5°	324.7	169.0	66.7	0.0
-55°	298.0	155.7	62.3	0.0
-57.5°	271.3	137.9	62.3	0.0
-60°	244.6	120.1	57.8	0.0
-62.5°	217.9	111.2	53.4	0.0
-65°	191.3	102.3	48.9	0.0
-67.5°	160.1	89.0	44.5	0.0
-70°	133.4	80.1	40.0	0.0
-72.5°	115.6	71.2	35.6	0.0
-75°	97.9	62.3	31.1	0.0
-77.5°	84.5	53.4	26.7	0.0
-80°	66.7	40.0	17.8	0.0
-82.5°	48.9	31.1	13.3	0.0
-85°	31.1	22.2	8.9	0.0
-87.5°	17.8	8.9	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)