

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: P722086

Luminaire Tested: **IFLD-S-SA6B-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722086
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

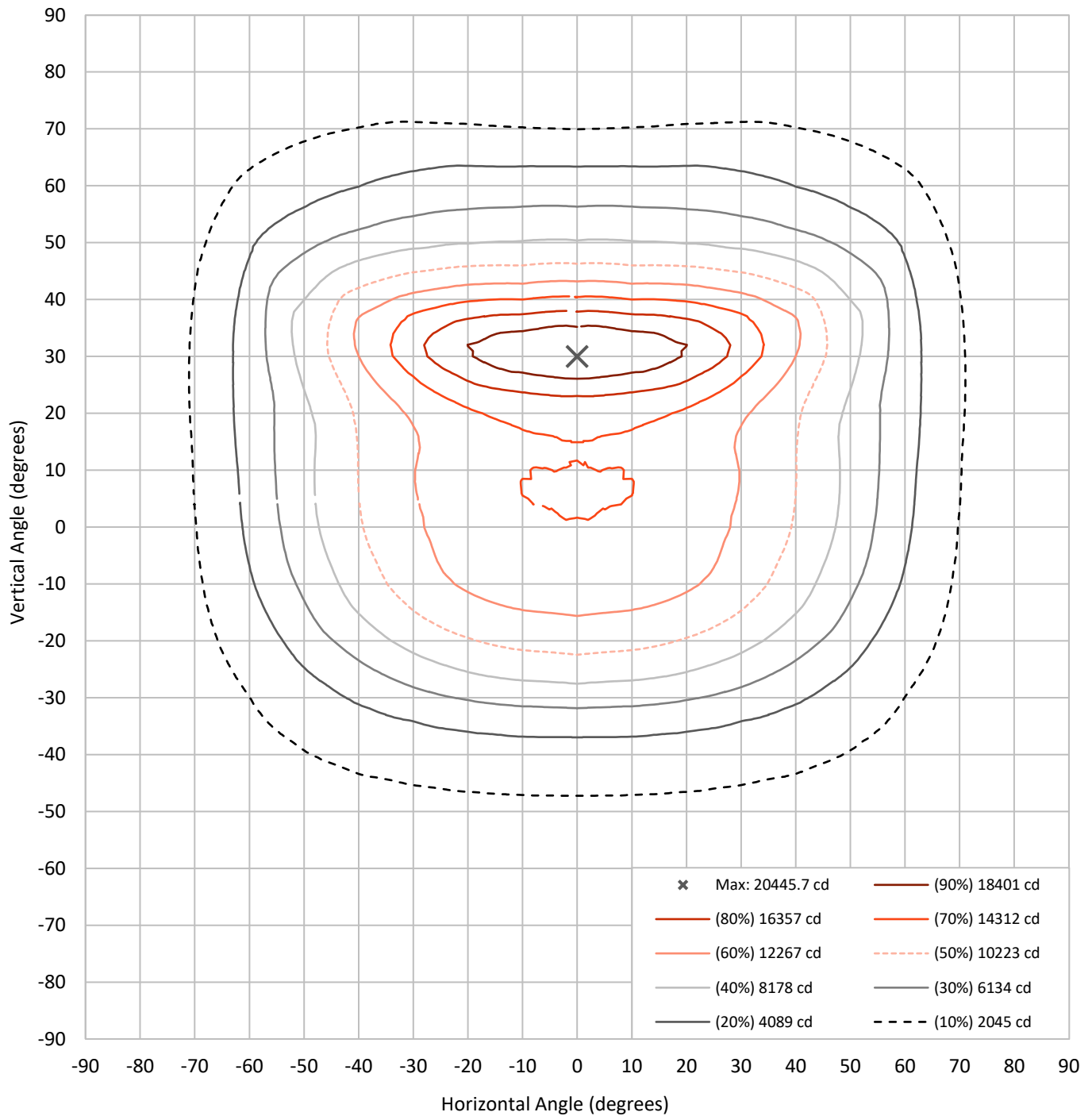
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34129 lumens	Max Intensity:	20445.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	139.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19846.4 lumens	Field Lumens:	31983.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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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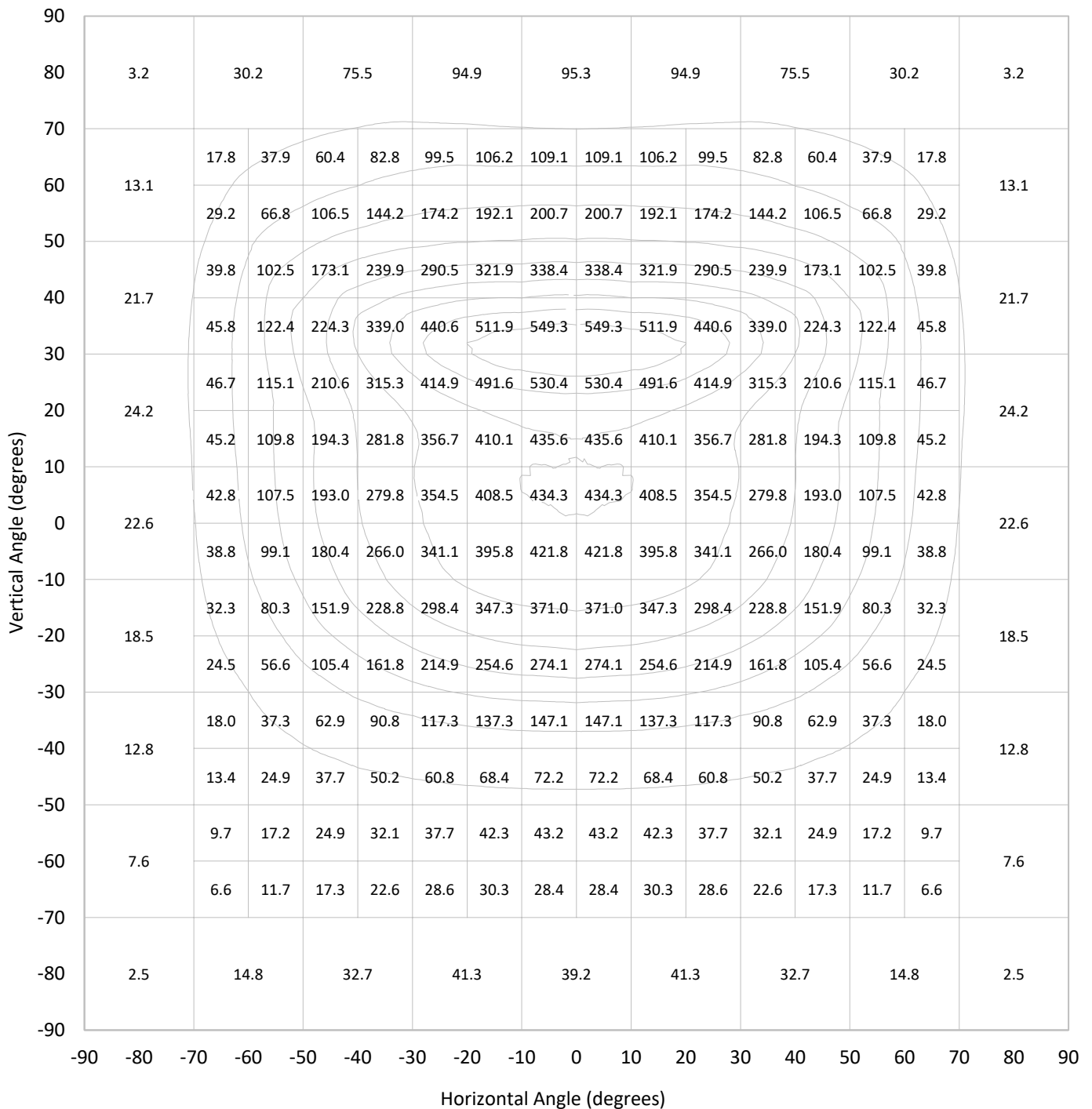
Iso-Candela Plot





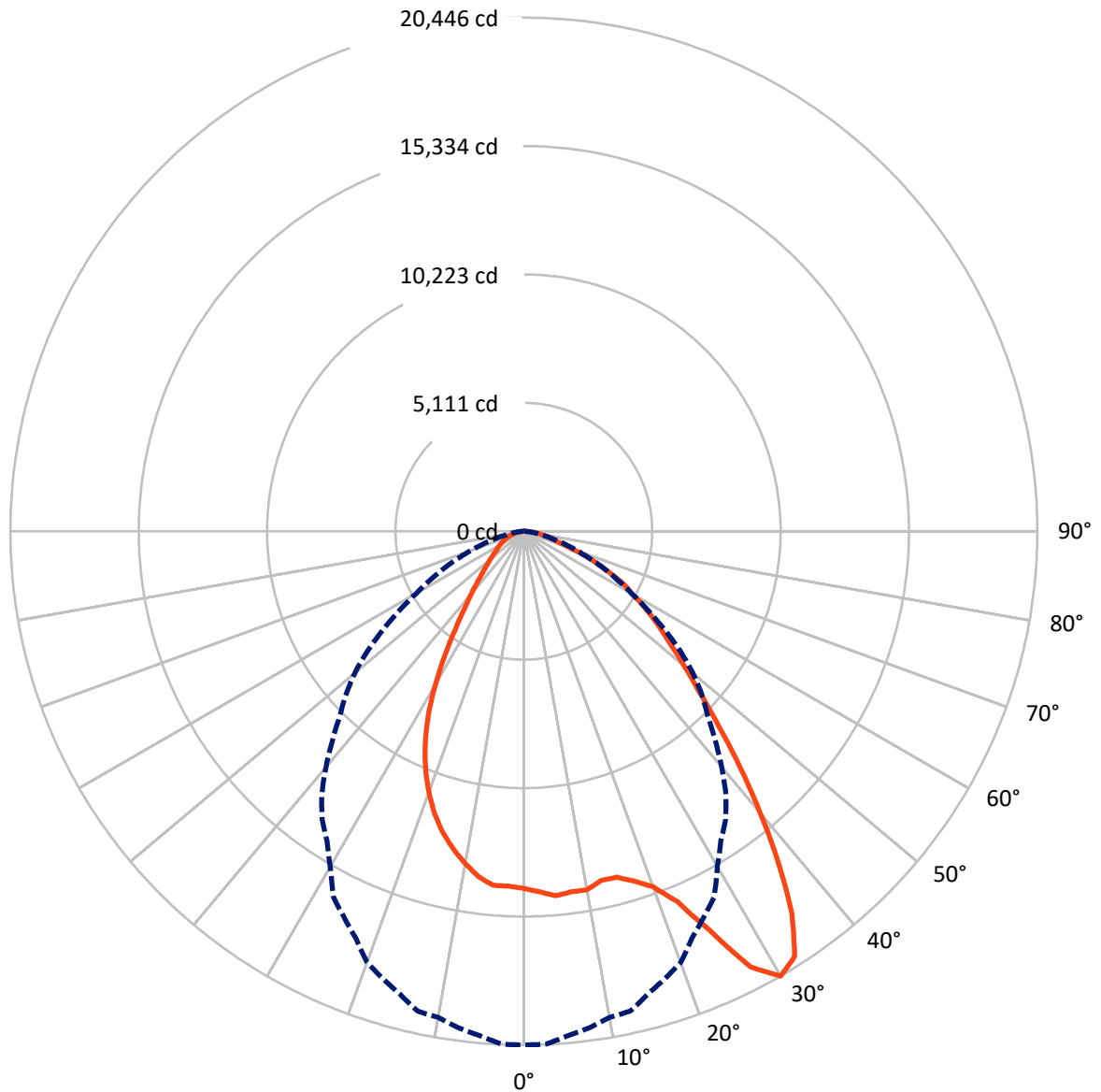
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Lumen Table



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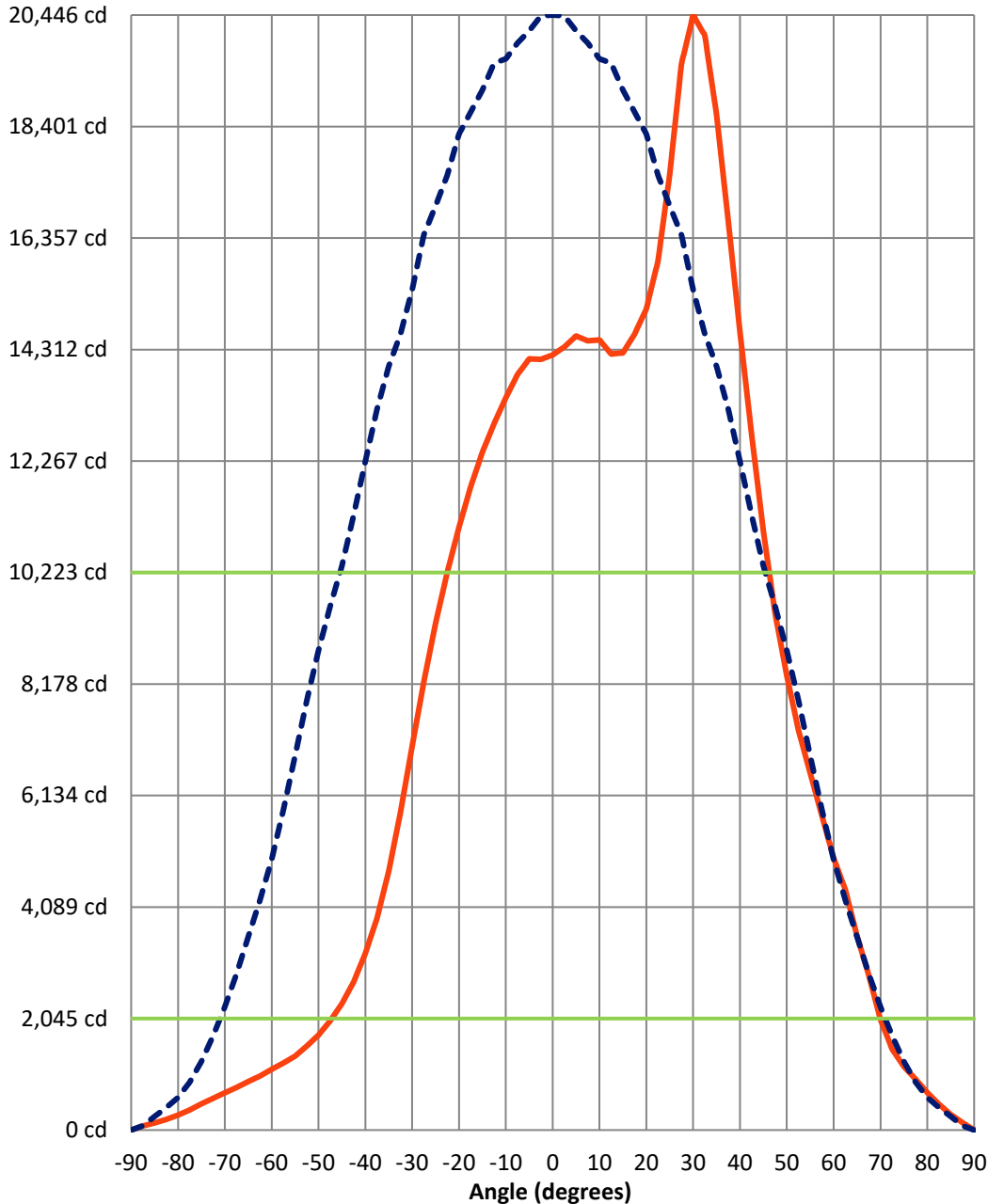
Luminous Intensity Polar Plot



— 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: 19846.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 31983.3
 Efficiency: 93.7%

Spill:
 Lumens: 2145.7
 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°	137.4	141.0	144.6	144.6	141.0	141.0	141.0	137.4	141.0	141.0	141.0
85°	285.6	292.9	300.1	296.5	292.9	285.6	278.4	282.0	285.6	289.2	289.2
82.5°	473.6	484.5	491.7	488.1	480.9	473.6	466.4	470.0	477.2	480.9	480.9
80°	686.9	690.6	694.2	701.4	690.6	690.6	686.9	701.4	708.6	715.9	723.1
77.5°	932.8	936.4	936.4	940.0	943.6	947.3	947.3	972.6	990.7	1001.5	1012.3
75°	1164.2	1175.0	1185.9	1196.7	1211.2	1218.4	1229.3	1265.4	1294.4	1316.0	1337.7
72.5°	1482.4	1496.8	1514.9	1540.2	1565.5	1583.6	1608.9	1652.3	1684.8	1706.5	1731.8
70°	2028.3	2042.8	2060.8	2078.9	2104.2	2122.3	2147.6	2201.8	2234.4	2248.8	2263.3
67.5°	2838.2	2874.3	2906.9	2870.7	2852.6	2827.3	2834.6	2885.2	2917.7	2939.4	2935.8
65°	3557.7	3583.0	3583.0	3579.4	3564.9	3532.4	3550.4	3611.9	3648.1	3666.1	3611.9
62.5°	4403.7	4403.7	4385.6	4414.5	4418.2	4396.5	4385.6	4389.2	4392.8	4403.7	4313.3
60°	4989.4	5025.6	5036.4	5061.7	5068.9	5068.9	5087.0	5101.5	5101.5	5079.8	4974.9
57.5°	5763.1	5831.8	5846.3	5828.2	5792.1	5745.0	5737.8	5716.1	5672.7	5629.4	5578.7
55°	6544.1	6580.2	6576.6	6565.8	6529.6	6475.4	6482.6	6453.7	6385.0	6330.8	6262.1
52.5°	7328.6	7415.4	7429.9	7408.2	7357.6	7299.7	7303.3	7270.8	7202.1	7144.3	7050.2
50°	8330.1	8402.5	8395.2	8359.1	8286.8	8243.4	8247.0	8185.5	8106.0	8087.9	7965.0
47.5°	9476.3	9559.4	9545.0	9494.3	9396.7	9378.6	9396.7	9317.2	9270.2	9230.4	9085.8
45°	10980.3	11077.9	11023.7	10926.1	10770.6	10788.7	10814.0	10799.5	10698.3	10593.5	10409.1
42.5°	12744.7	12806.1	12741.1	12643.4	12448.2	12484.4	12469.9	12383.1	12321.7	12148.1	11913.1
40°	14632.0	14765.8	14664.5	14512.7	14310.2	14364.4	14324.7	14212.6	14068.0	13851.0	13554.6
37.5°	16667.5	16772.4	16656.7	16479.5	16298.7	16280.7	16201.1	16027.6	15821.5	15582.9	15109.2
35°	18616.3	18887.4	18674.1	18392.1	18171.6	18088.4	18012.5	17611.2	17376.2	16989.3	16342.1
32.5°	20066.1	20264.9	20001.0	19708.2	19440.6	19324.9	19057.4	18580.1	18453.6	17640.1	17047.1
30°	20445.7	20431.3	20156.5	19932.3	19643.1	19563.5	19071.8	18666.9	18262.0	17509.9	16945.9
27.5°	19541.8	19451.5	19187.5	18992.3	18706.7	18612.7	18128.2	17911.2	17285.8	16649.4	16172.2
25°	17528.0	17575.0	17376.2	17278.5	17090.5	16888.1	16696.4	16403.6	16013.1	15456.3	15018.8
22.5°	15940.8	16002.3	15919.1	15803.4	15658.8	15546.7	15402.1	15174.3	14798.3	14454.8	14042.7
20°	15058.6	15040.5	14968.2	14881.5	14744.1	14664.5	14505.4	14313.8	14024.6	13728.1	13283.4
17.5°	14595.8	14483.7	14415.0	14382.5	14310.2	14209.0	14021.0	13825.7	13601.6	13265.3	12939.9
15°	14252.4	14270.4	14216.2	14190.9	14133.0	13992.0	13800.4	13641.3	13337.6	13167.7	12871.2
12.5°	14230.7	14212.6	14216.2	14205.3	14133.0	13952.3	13854.6	13652.2	13456.9	13232.8	12892.9
10°	14487.4	14295.7	14310.2	14360.8	14245.1	14100.5	13995.6	13775.1	13590.7	13305.1	12968.8
7.5°	14472.9	14375.3	14404.2	14321.0	14357.2	14180.0	14035.4	13814.9	13583.5	13279.8	12976.1
5°	14559.7	14411.4	14386.1	14393.4	14303.0	14169.2	13974.0	13764.3	13547.3	13207.5	12896.5
2.5°	14360.8	14382.5	14266.8	14223.4	14212.6	13988.4	13807.6	13605.2	13381.0	13080.9	12802.5
0°	14212.6	14252.4	14133.0	14071.6	14068.0	13876.3	13760.6	13529.2	13370.2	13120.7	12784.5
-2.5°	14133.0	14180.0	14194.5	14082.4	13974.0	13825.7	13630.5	13381.0	13120.7	12831.5	12542.2
-5°	14140.3	14046.3	14006.5	14042.7	13948.6	13800.4	13583.5	13362.9	13106.2	12795.3	12433.7
-7.5°	13854.6	13760.6	13753.4	13735.3	13713.6	13572.6	13391.9	13153.2	12892.9	12603.7	12267.4
-10°	13428.0	13359.3	13341.2	13323.2	13265.3	13182.2	13012.2	12795.3	12560.3	12271.1	11913.1
-12.5°	12954.4	12921.8	12853.1	12806.1	12748.3	12650.7	12488.0	12289.1	12054.1	11797.4	11490.1
-15°	12430.1	12368.7	12300.0	12260.2	12177.0	12061.4	11898.7	11714.3	11457.6	11204.5	10915.2
-17.5°	11797.4	11721.5	11645.6	11634.7	11576.9	11399.7	11247.9	11023.7	10799.5	10557.3	10275.3
-20°	11052.6	10947.8	10897.2	10868.2	10788.7	10658.5	10495.8	10289.7	10072.8	9841.4	9516.0



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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°	10228.3	10137.9	10051.1	9996.9	9928.2	9827.0	9671.5	9490.7	9277.4	9017.1	8717.0
-25°	9291.9	9165.3	9111.1	9049.6	9013.5	8919.5	8767.6	8601.3	8380.8	8127.7	7842.0
-27.5°	8221.7	8120.4	8091.5	8004.7	7961.4	7863.7	7737.2	7581.7	7379.3	7140.6	6905.6
-30°	7039.4	6977.9	6930.9	6844.2	6811.6	6706.8	6623.6	6493.5	6309.1	6139.1	5951.1
-32.5°	5824.6	5763.1	5748.7	5708.9	5687.2	5618.5	5524.5	5430.5	5282.3	5155.7	5003.9
-35°	4747.2	4703.8	4707.4	4703.8	4682.1	4631.5	4515.8	4490.5	4382.0	4266.3	4168.7
-37.5°	3886.7	3890.3	3886.7	3883.1	3854.1	3832.4	3749.3	3716.7	3651.7	3539.6	3481.7
-40°	3239.5	3246.7	3243.1	3235.9	3203.3	3192.5	3138.3	3094.9	3069.6	2990.0	2928.6
-42.5°	2715.3	2726.1	2722.5	2718.9	2697.2	2693.6	2664.6	2614.0	2599.6	2552.6	2487.5
-45°	2317.5	2313.9	2306.7	2313.9	2303.1	2292.2	2274.2	2241.6	2223.5	2201.8	2147.6
-47.5°	2003.0	2006.6	1999.4	1999.4	1984.9	1974.1	1966.8	1945.1	1930.7	1912.6	1880.1
-50°	1742.7	1757.1	1753.5	1749.9	1739.1	1731.8	1731.8	1710.1	1688.4	1681.2	1659.5
-52.5°	1540.2	1551.1	1554.7	1561.9	1565.5	1569.1	1558.3	1536.6	1500.4	1496.8	1486.0
-55°	1355.8	1388.4	1410.0	1424.5	1439.0	1449.8	1428.1	1399.2	1363.0	1348.6	1345.0
-57.5°	1229.3	1261.8	1287.1	1308.8	1326.9	1345.0	1323.3	1294.4	1261.8	1243.7	1240.1
-60°	1113.6	1142.5	1167.8	1196.7	1222.0	1251.0	1240.1	1218.4	1200.4	1185.9	1171.4
-62.5°	990.7	1019.6	1048.5	1084.7	1117.2	1146.1	1149.7	1146.1	1142.5	1146.1	1120.8
-65°	889.4	903.9	922.0	961.7	997.9	1030.4	1048.5	1059.3	1077.4	1095.5	1070.2
-67.5°	781.0	799.0	820.7	849.6	878.6	900.3	925.6	954.5	983.4	1012.3	994.3
-70°	683.3	697.8	715.9	730.3	748.4	762.9	784.6	817.1	849.6	878.6	871.3
-72.5°	582.1	596.6	607.4	614.6	625.5	632.7	643.6	672.5	694.2	708.6	708.6
-75°	480.9	495.3	506.2	509.8	517.0	520.6	527.9	538.7	549.6	553.2	556.8
-77.5°	368.8	383.2	394.1	401.3	408.6	415.8	419.4	426.6	430.2	430.2	433.9
-80°	274.8	285.6	292.9	303.7	307.3	314.5	321.8	325.4	329.0	329.0	332.6
-82.5°	195.2	202.5	209.7	216.9	224.2	227.8	235.0	238.6	242.2	245.9	249.5
-85°	130.2	137.4	144.6	151.9	155.5	159.1	162.7	166.3	169.9	173.5	177.2
-87.5°	75.9	79.5	83.2	90.4	94.0	101.2	104.8	101.2	104.8	104.8	104.8
-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°	141.0	141.0	141.0	141.0	137.4	130.2	126.5	119.3	112.1	104.8	97.6
85°	292.9	296.5	296.5	296.5	289.2	285.6	274.8	263.9	249.5	227.8	209.7
82.5°	488.1	491.7	491.7	488.1	480.9	470.0	455.6	437.5	408.6	379.6	354.3
80°	733.9	737.6	737.6	733.9	715.9	697.8	679.7	658.0	621.9	582.1	538.7
77.5°	1026.8	1034.0	1034.0	1023.2	997.9	976.2	947.3	911.1	856.9	799.0	741.2
75°	1366.7	1384.7	1388.4	1377.5	1345.0	1305.2	1258.2	1196.7	1113.6	1041.3	972.6
72.5°	1760.8	1778.8	1793.3	1778.8	1731.8	1677.6	1608.9	1536.6	1453.4	1355.8	1240.1
70°	2277.8	2295.9	2306.7	2259.7	2176.5	2086.2	2003.0	1919.8	1822.2	1702.9	1576.4
67.5°	2928.6	2910.5	2888.8	2794.8	2689.9	2581.5	2465.8	2342.9	2216.3	2089.8	1941.5
65°	3554.0	3503.4	3456.4	3344.3	3210.6	3069.6	2935.8	2798.4	2646.6	2487.5	2346.5
62.5°	4212.1	4103.6	3987.9	3850.5	3713.1	3557.7	3423.9	3261.2	3091.3	2896.0	2715.3
60°	4859.2	4729.1	4613.4	4443.5	4262.7	4053.0	3908.4	3749.3	3550.4	3340.7	3127.4
57.5°	5484.7	5343.7	5217.2	5068.9	4873.7	4645.9	4486.9	4280.8	4071.1	3807.1	3590.2
55°	6150.0	6009.0	5907.7	5741.4	5528.1	5318.4	5144.9	4927.9	4635.1	4353.1	4085.5
52.5°	6912.9	6800.8	6692.3	6522.4	6265.7	6052.4	5860.7	5618.5	5311.2	4964.1	4642.3
50°	7766.1	7708.3	7592.6	7393.7	7100.9	6912.9	6659.8	6338.0	6009.0	5643.8	5242.5
47.5°	8897.8	8803.8	8641.1	8424.1	8178.3	7896.3	7556.4	7180.4	6714.0	6309.1	5882.4
45°	10250.0	10076.4	9866.7	9573.9	9270.2	8952.0	8579.6	8102.4	7476.9	6949.0	6500.7
42.5°	11714.3	11479.3	11193.6	10810.4	10416.3	10025.8	9624.5	8973.7	8192.8	7585.3	7079.2
40°	13243.6	12943.5	12585.6	12028.8	11591.3	11088.8	10629.6	9657.0	8825.5	8167.4	7628.7
37.5°	14740.4	14360.8	13760.6	13084.5	12574.8	12162.6	11153.9	10112.6	9367.8	8644.7	8098.7
35°	15886.6	15564.8	14505.4	13804.0	13366.6	12715.8	11453.9	10387.4	9599.2	8999.0	8149.4
32.5°	16566.3	15734.7	14805.5	14096.9	13735.3	12668.8	11475.6	10466.9	9707.7	9035.2	8019.2
30°	16414.4	15409.3	14595.8	14002.9	13218.3	12260.2	11273.2	10344.0	9606.4	8792.9	7874.6
27.5°	15499.7	14722.4	13995.6	13377.4	12607.3	11746.8	10835.7	10018.6	9331.6	8543.5	7675.7
25°	14465.7	13760.6	13221.9	12683.2	11952.9	11132.2	10329.5	9740.2	9049.6	8272.3	7415.4
22.5°	13514.8	13008.6	12585.6	12021.6	11309.3	10593.5	10094.5	9483.5	8774.8	7986.7	7147.9
20°	12907.4	12563.9	12079.4	11457.6	10897.2	10448.8	9895.7	9248.5	8518.1	7693.8	6920.1
17.5°	12614.5	12216.8	11678.1	11273.2	10842.9	10351.2	9733.0	9046.0	8268.7	7560.0	6945.4
15°	12462.7	12043.3	11689.0	11291.2	10806.8	10289.7	9602.8	8890.5	8268.7	7614.3	6963.5
12.5°	12495.2	12133.7	11746.8	11312.9	10792.3	10239.1	9617.3	8955.6	8312.1	7654.0	6967.1
10°	12596.4	12216.8	11804.6	11323.8	10799.5	10253.6	9657.0	8995.4	8333.8	7672.1	6959.9
7.5°	12632.6	12220.4	11779.3	11294.9	10781.5	10246.4	9664.3	9006.2	8337.4	7668.5	6938.2
5°	12520.5	12148.1	11721.5	11233.4	10730.8	10210.2	9635.3	8991.8	8308.4	7632.3	6883.9
2.5°	12368.7	12068.6	11660.0	11190.0	10680.2	10159.6	9588.3	8926.7	8243.4	7567.3	6815.2
0°	12343.4	11971.0	11558.8	11139.4	10597.1	10047.5	9479.9	8803.8	8124.1	7444.3	6695.9
-2.5°	12177.0	11783.0	11370.8	10915.2	10438.0	9884.8	9288.3	8626.6	7954.1	7285.3	6565.8
-5°	12050.5	11613.0	11175.5	10683.8	10203.0	9649.8	9031.6	8388.0	7730.0	7079.2	6385.0
-7.5°	11880.6	11432.3	10973.1	10459.7	9939.0	9375.0	8764.0	8120.4	7473.3	6826.1	6160.8
-10°	11537.1	11143.0	10712.8	10181.3	9631.7	9067.7	8460.3	7827.6	7180.4	6526.0	5857.1
-12.5°	11121.3	10705.5	10235.5	9747.4	9255.7	8731.5	8124.1	7502.2	6851.4	6193.4	5528.1
-15°	10582.6	10174.1	9693.2	9215.9	8742.3	8239.8	7704.7	7144.3	6482.6	5835.4	5170.2
-17.5°	9910.1	9526.9	9096.6	8641.1	8171.1	7664.9	7144.3	6670.6	6052.4	5445.0	4786.9
-20°	9187.0	8829.1	8442.2	8012.0	7542.0	7046.6	6554.9	6059.6	5524.5	4989.4	4378.4



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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°	8435.0	8073.4	7683.0	7281.6	6847.8	6388.6	5933.1	5459.4	4989.4	4504.9	3987.9
-25°	7567.3	7249.1	6891.2	6500.7	6113.8	5712.5	5278.6	4848.4	4447.1	4027.7	3604.7
-27.5°	6659.8	6366.9	6041.5	5701.7	5369.0	5032.8	4656.8	4259.1	3926.4	3579.4	3228.7
-30°	5705.3	5470.3	5206.3	4909.9	4653.2	4382.0	4067.5	3738.4	3434.7	3170.8	2888.8
-32.5°	4801.4	4602.5	4414.5	4219.3	3966.2	3756.5	3539.6	3297.3	3029.8	2780.3	2577.9
-35°	4024.1	3810.8	3731.2	3586.6	3405.8	3221.4	3062.3	2888.8	2686.3	2465.8	2299.5
-37.5°	3369.7	3243.1	3131.0	3051.5	2932.2	2783.9	2657.4	2530.9	2375.4	2209.1	2042.8
-40°	2859.9	2773.1	2650.2	2610.4	2534.5	2433.2	2303.1	2205.5	2100.6	1974.1	1833.1
-42.5°	2451.3	2386.2	2306.7	2238.0	2205.5	2133.2	2031.9	1937.9	1854.8	1768.0	1659.5
-45°	2115.1	2071.7	2021.1	1959.6	1934.3	1876.5	1804.1	1699.3	1652.3	1580.0	1500.4
-47.5°	1843.9	1822.2	1786.1	1746.3	1710.1	1666.8	1601.7	1536.6	1471.5	1424.5	1363.0
-50°	1630.6	1616.1	1594.4	1561.9	1514.9	1486.0	1442.6	1384.7	1323.3	1283.5	1240.1
-52.5°	1460.7	1446.2	1431.7	1406.4	1370.3	1341.4	1305.2	1258.2	1207.6	1167.8	1131.7
-55°	1330.5	1308.8	1298.0	1276.3	1247.4	1214.8	1182.3	1149.7	1106.3	1070.2	1034.0
-57.5°	1229.3	1200.4	1185.9	1167.8	1138.9	1106.3	1081.0	1048.5	1019.6	979.8	947.3
-60°	1149.7	1117.2	1088.3	1070.2	1044.9	1012.3	987.0	961.7	932.8	900.3	860.5
-62.5°	1084.7	1044.9	1005.1	983.4	958.1	929.2	903.9	878.6	849.6	817.1	781.0
-65°	1023.2	976.2	925.6	903.9	878.6	849.6	817.1	799.0	773.7	744.8	708.6
-67.5°	947.3	896.6	853.3	828.0	802.6	777.3	748.4	730.3	705.0	668.9	632.7
-70°	835.2	802.6	773.7	752.0	730.3	708.6	679.7	650.8	621.9	589.3	556.8
-72.5°	694.2	683.3	679.7	668.9	643.6	618.3	589.3	560.4	535.1	509.8	484.5
-75°	560.4	567.6	574.9	571.3	545.9	520.6	495.3	470.0	451.9	430.2	408.6
-77.5°	444.7	451.9	459.2	459.2	441.1	426.6	408.6	390.5	376.0	357.9	336.2
-80°	343.5	354.3	365.2	372.4	357.9	347.1	332.6	318.2	303.7	289.2	274.8
-82.5°	260.3	271.2	282.0	289.2	278.4	271.2	260.3	249.5	238.6	224.2	213.3
-85°	188.0	195.2	202.5	206.1	198.9	191.6	184.4	177.2	169.9	159.1	151.9
-87.5°	108.5	112.1	115.7	119.3	112.1	104.8	101.2	94.0	90.4	83.2	79.5
-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°	90.4	83.2	75.9	72.3	65.1	54.2	47.0	39.8	32.5	25.3	21.7
85°	191.6	173.5	151.9	141.0	126.5	112.1	97.6	83.2	68.7	54.2	39.8
82.5°	329.0	307.3	285.6	260.3	227.8	188.0	148.2	122.9	101.2	79.5	61.5
80°	495.3	455.6	419.4	386.9	350.7	300.1	245.9	195.2	137.4	104.8	79.5
77.5°	686.9	639.9	589.3	535.1	477.2	408.6	347.1	282.0	213.3	144.6	101.2
75°	903.9	842.4	773.7	697.8	621.9	531.5	444.7	368.8	289.2	202.5	122.9
72.5°	1146.1	1070.2	987.0	885.8	766.5	661.6	556.8	455.6	361.6	256.7	166.3
70°	1457.1	1337.7	1214.8	1106.3	954.5	788.2	665.3	549.6	430.2	314.5	209.7
67.5°	1789.7	1645.1	1496.8	1337.7	1146.1	950.9	773.7	643.6	502.6	368.8	249.5
65°	2151.2	1970.5	1782.4	1605.3	1341.4	1110.0	911.1	733.9	571.3	419.4	289.2
62.5°	2523.6	2310.3	2093.4	1862.0	1558.3	1272.7	1041.3	835.2	636.3	466.4	325.4
60°	2921.3	2671.9	2407.9	2118.7	1764.4	1449.8	1164.2	940.0	705.0	513.4	365.2
57.5°	3340.7	3069.6	2758.6	2368.2	1977.7	1619.7	1305.2	1034.0	766.5	556.8	394.1
55°	3796.3	3485.4	3145.5	2628.5	2187.4	1789.7	1446.2	1128.0	831.6	592.9	423.0
52.5°	4288.0	3926.4	3496.2	2903.3	2407.9	1963.2	1576.4	1211.2	893.0	632.7	448.3
50°	4837.6	4382.0	3803.5	3156.3	2599.6	2125.9	1706.5	1301.6	943.6	676.1	470.0
47.5°	5408.8	4917.1	4078.3	3391.4	2794.8	2285.0	1840.3	1381.1	994.3	712.3	491.7
45°	6005.4	5289.5	4363.9	3601.1	2964.7	2429.6	1941.5	1453.4	1055.7	744.8	509.8
42.5°	6594.7	5571.5	4613.4	3810.8	3123.8	2559.8	2024.7	1522.1	1106.3	777.3	527.9
40°	6873.1	5784.8	4812.2	3955.4	3257.6	2675.5	2097.0	1583.6	1149.7	799.0	545.9
37.5°	6988.8	5915.0	4942.4	4092.8	3362.4	2736.9	2158.5	1637.8	1185.9	820.7	560.4
35°	7014.1	5962.0	5007.5	4186.8	3449.2	2794.8	2205.5	1677.6	1214.8	842.4	574.9
32.5°	6967.1	5947.5	5025.6	4219.3	3503.4	2838.2	2238.0	1706.5	1236.5	864.1	589.3
30°	6862.2	5871.6	4960.5	4215.7	3543.2	2863.5	2259.7	1728.2	1258.2	878.6	596.6
27.5°	6692.3	5737.8	4877.3	4219.3	3564.9	2874.3	2270.5	1739.1	1272.7	889.4	611.0
25°	6482.6	5557.0	4880.9	4212.1	3568.5	2877.9	2270.5	1739.1	1276.3	893.0	621.9
22.5°	6240.4	5557.0	4880.9	4201.2	3546.8	2870.7	2259.7	1731.8	1276.3	900.3	632.7
20°	6254.8	5560.7	4870.1	4179.5	3514.3	2849.0	2234.4	1713.8	1265.4	911.1	639.9
17.5°	6265.7	5553.4	4848.4	4150.6	3470.9	2812.9	2201.8	1688.4	1265.4	922.0	643.6
15°	6265.7	5531.7	4815.9	4107.2	3416.7	2762.3	2154.8	1666.8	1269.0	925.6	650.8
12.5°	6254.8	5492.0	4765.2	4049.4	3351.6	2700.8	2125.9	1659.5	1269.0	929.2	650.8
10°	6233.1	5437.7	4700.2	3977.1	3290.1	2679.1	2111.5	1645.1	1261.8	929.2	650.8
7.5°	6193.4	5372.7	4645.9	3933.7	3254.0	2653.8	2089.8	1623.4	1251.0	922.0	658.0
5°	6131.9	5336.5	4602.5	3883.1	3203.3	2635.7	2075.3	1605.3	1243.7	922.0	650.8
2.5°	6052.4	5293.1	4551.9	3818.0	3145.5	2574.2	2028.3	1565.5	1218.4	907.5	643.6
0°	5922.2	5206.3	4465.2	3727.6	3066.0	2512.8	1981.3	1525.7	1193.1	893.0	636.3
-2.5°	5802.9	5090.6	4353.1	3633.6	2990.0	2458.5	1945.1	1504.1	1182.3	889.4	632.7
-5°	5636.6	4931.6	4204.8	3510.7	2888.8	2404.3	1909.0	1478.7	1171.4	882.2	632.7
-7.5°	5452.2	4765.2	4049.4	3384.1	2787.6	2310.3	1840.3	1439.0	1146.1	867.7	629.1
-10°	5166.6	4515.8	3854.1	3239.5	2679.1	2227.2	1782.4	1402.8	1124.4	853.3	614.6
-12.5°	4862.9	4241.0	3630.0	3062.3	2556.2	2140.4	1717.4	1363.0	1099.1	838.8	607.4
-15°	4541.1	3959.0	3395.0	2877.9	2422.4	2035.5	1648.7	1319.7	1073.8	820.7	596.6
-17.5°	4204.8	3662.5	3152.7	2689.9	2288.6	1927.1	1576.4	1279.9	1044.9	802.6	585.7
-20°	3850.5	3358.8	2906.9	2498.3	2147.6	1818.6	1500.4	1232.9	1012.3	781.0	571.3



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CATALOG NUMBER: IFLD-S-SA6B-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3499.8	3058.7	2653.8	2310.3	2003.0	1706.5	1424.5	1185.9	976.2	755.6	560.4
-25°	3188.9	2776.7	2429.6	2129.5	1862.0	1598.1	1345.0	1138.9	936.4	730.3	545.9
-27.5°	2885.2	2534.5	2209.1	1959.6	1724.6	1493.2	1269.0	1088.3	896.6	701.4	531.5
-30°	2603.2	2303.1	2035.5	1793.3	1594.4	1399.2	1204.0	1037.7	853.3	672.5	513.4
-32.5°	2346.5	2104.2	1880.1	1648.7	1471.5	1305.2	1142.5	987.0	809.9	643.6	495.3
-35°	2107.8	1919.8	1724.6	1529.4	1348.6	1218.4	1077.4	932.8	770.1	611.0	477.2
-37.5°	1894.5	1742.7	1587.2	1420.9	1265.4	1135.3	1016.0	878.6	730.3	582.1	459.2
-40°	1710.1	1587.2	1449.8	1316.0	1185.9	1063.0	954.5	824.3	690.6	560.4	441.1
-42.5°	1540.2	1446.2	1334.1	1222.0	1106.3	997.9	893.0	766.5	650.8	535.1	423.0
-45°	1410.0	1316.0	1225.7	1124.4	1026.8	932.8	828.0	715.9	614.6	506.2	404.9
-47.5°	1287.1	1204.0	1120.8	1037.7	958.1	871.3	766.5	672.5	574.9	480.9	390.5
-50°	1178.7	1099.1	1026.8	954.5	885.8	802.6	705.0	629.1	542.3	455.6	372.4
-52.5°	1077.4	1008.7	936.4	878.6	820.7	737.6	658.0	585.7	509.8	426.6	354.3
-55°	987.0	922.0	856.9	802.6	748.4	676.1	611.0	549.6	477.2	404.9	336.2
-57.5°	900.3	846.0	784.6	733.9	679.7	621.9	567.6	509.8	444.7	383.2	318.2
-60°	820.7	770.1	715.9	665.3	618.3	571.3	520.6	473.6	415.8	357.9	300.1
-62.5°	741.2	697.8	650.8	600.2	564.0	520.6	480.9	433.9	386.9	336.2	267.5
-65°	668.9	629.1	585.7	542.3	509.8	477.2	441.1	397.7	357.9	310.9	238.6
-67.5°	596.6	560.4	524.2	488.1	459.2	433.9	397.7	365.2	332.6	282.0	209.7
-70°	527.9	498.9	466.4	437.5	415.8	386.9	361.6	332.6	303.7	245.9	177.2
-72.5°	462.8	433.9	408.6	386.9	368.8	343.5	321.8	300.1	260.3	206.1	148.2
-75°	386.9	368.8	354.3	336.2	318.2	300.1	282.0	256.7	216.9	166.3	115.7
-77.5°	318.2	307.3	296.5	282.0	267.5	253.1	231.4	206.1	173.5	130.2	94.0
-80°	260.3	249.5	242.2	227.8	216.9	202.5	180.8	159.1	126.5	101.2	75.9
-82.5°	198.9	191.6	184.4	177.2	166.3	151.9	130.2	112.1	94.0	75.9	57.8
-85°	141.0	137.4	130.2	122.9	112.1	101.2	86.8	75.9	65.1	50.6	39.8
-87.5°	72.3	68.7	65.1	61.5	57.8	50.6	43.4	36.2	32.5	25.3	18.1
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.5	10.8	3.6	0.0
85°	28.9	18.1	7.2	0.0
82.5°	43.4	28.9	10.8	0.0
80°	57.8	36.2	18.1	0.0
77.5°	72.3	43.4	21.7	0.0
75°	86.8	54.2	25.3	0.0
72.5°	97.6	61.5	28.9	0.0
70°	115.7	72.3	32.5	0.0
67.5°	144.6	79.5	36.2	0.0
65°	169.9	86.8	39.8	0.0
62.5°	198.9	94.0	43.4	0.0
60°	224.2	101.2	47.0	0.0
57.5°	249.5	119.3	50.6	0.0
55°	271.2	133.8	54.2	0.0
52.5°	296.5	148.2	57.8	0.0
50°	318.2	162.7	61.5	0.0
47.5°	336.2	177.2	61.5	0.0
45°	350.7	188.0	65.1	0.0
42.5°	361.6	198.9	68.7	0.0
40°	372.4	209.7	72.3	0.0
37.5°	383.2	220.5	72.3	0.0
35°	394.1	231.4	75.9	0.0
32.5°	404.9	242.2	75.9	0.0
30°	412.2	249.5	79.5	0.0
27.5°	423.0	256.7	79.5	0.0
25°	426.6	263.9	83.2	0.0
22.5°	433.9	267.5	83.2	0.0
20°	441.1	274.8	83.2	0.0
17.5°	444.7	278.4	86.8	0.0
15°	444.7	282.0	90.4	0.0
12.5°	448.3	285.6	90.4	0.0
10°	448.3	292.9	86.8	0.0
7.5°	455.6	289.2	86.8	0.0
5°	451.9	289.2	86.8	0.0
2.5°	448.3	285.6	86.8	0.0
0°	444.7	285.6	86.8	0.0
-2.5°	444.7	285.6	86.8	0.0
-5°	444.7	285.6	86.8	0.0
-7.5°	441.1	289.2	86.8	0.0
-10°	433.9	289.2	86.8	0.0
-12.5°	430.2	278.4	86.8	0.0
-15°	426.6	274.8	86.8	0.0
-17.5°	419.4	271.2	83.2	0.0
-20°	412.2	267.5	83.2	0.0



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 CATALOG NUMBER: IFLD-S-SA6B-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	404.9	260.3	83.2	0.0
-25°	397.7	253.1	79.5	0.0
-27.5°	390.5	245.9	79.5	0.0
-30°	379.6	238.6	75.9	0.0
-32.5°	368.8	231.4	75.9	0.0
-35°	361.6	220.5	72.3	0.0
-37.5°	350.7	209.7	72.3	0.0
-40°	339.9	198.9	68.7	0.0
-42.5°	329.0	188.0	65.1	0.0
-45°	314.5	177.2	65.1	0.0
-47.5°	303.7	166.3	61.5	0.0
-50°	285.6	151.9	57.8	0.0
-52.5°	263.9	137.4	54.2	0.0
-55°	242.2	126.5	50.6	0.0
-57.5°	220.5	112.1	50.6	0.0
-60°	198.9	97.6	47.0	0.0
-62.5°	177.2	90.4	43.4	0.0
-65°	155.5	83.2	39.8	0.0
-67.5°	130.2	72.3	36.2	0.0
-70°	108.5	65.1	32.5	0.0
-72.5°	94.0	57.8	28.9	0.0
-75°	79.5	50.6	25.3	0.0
-77.5°	68.7	43.4	21.7	0.0
-80°	54.2	32.5	14.5	0.0
-82.5°	39.8	25.3	10.8	0.0
-85°	25.3	18.1	7.2	0.0
-87.5°	14.5	7.2	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)