

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: P721970

Luminaire Tested: **IFLD-S-SA6B-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721970
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

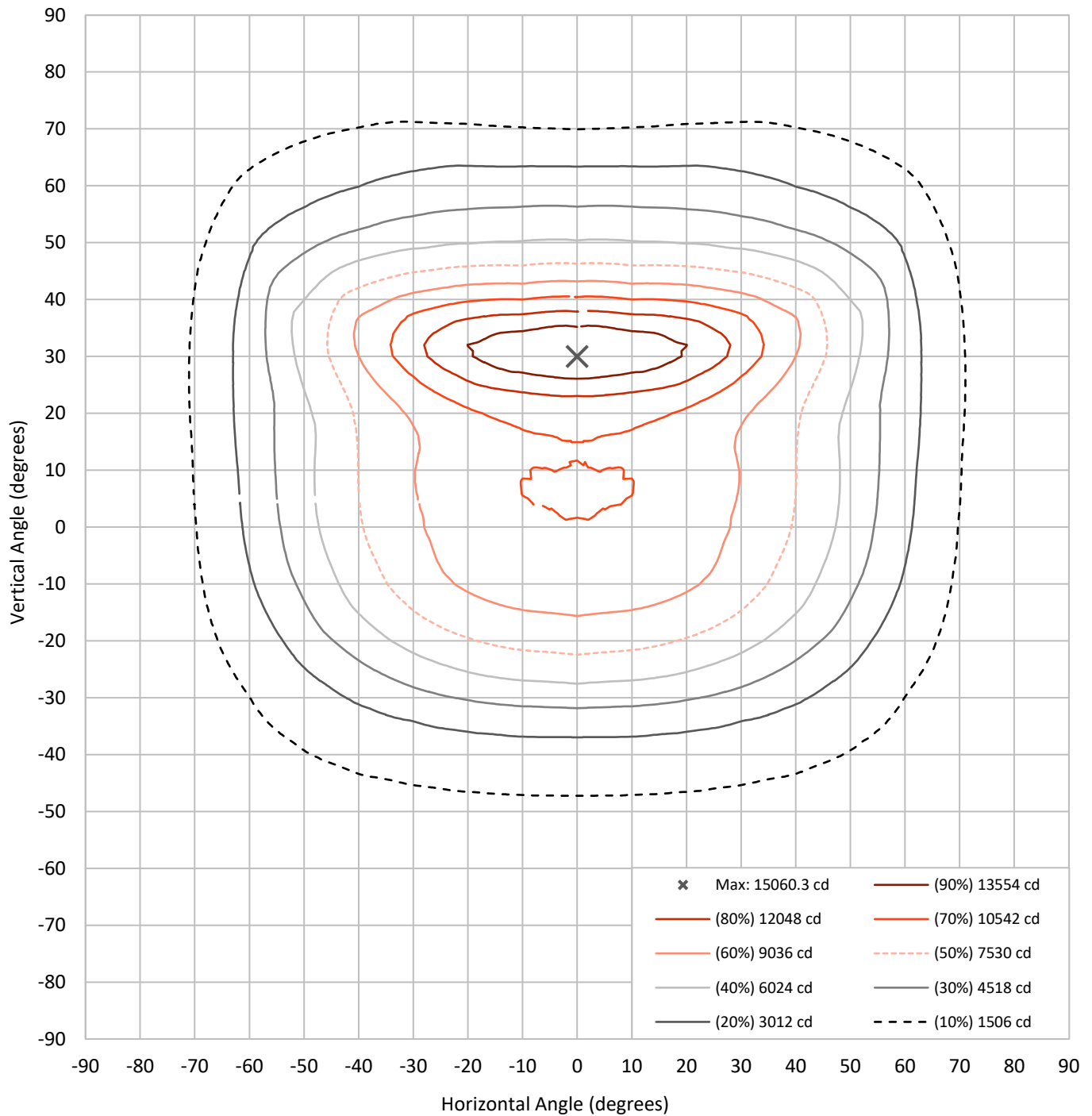
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25139.5 lumens	Max Intensity:	15060.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14618.9 lumens	Field Lumens:	23558.9 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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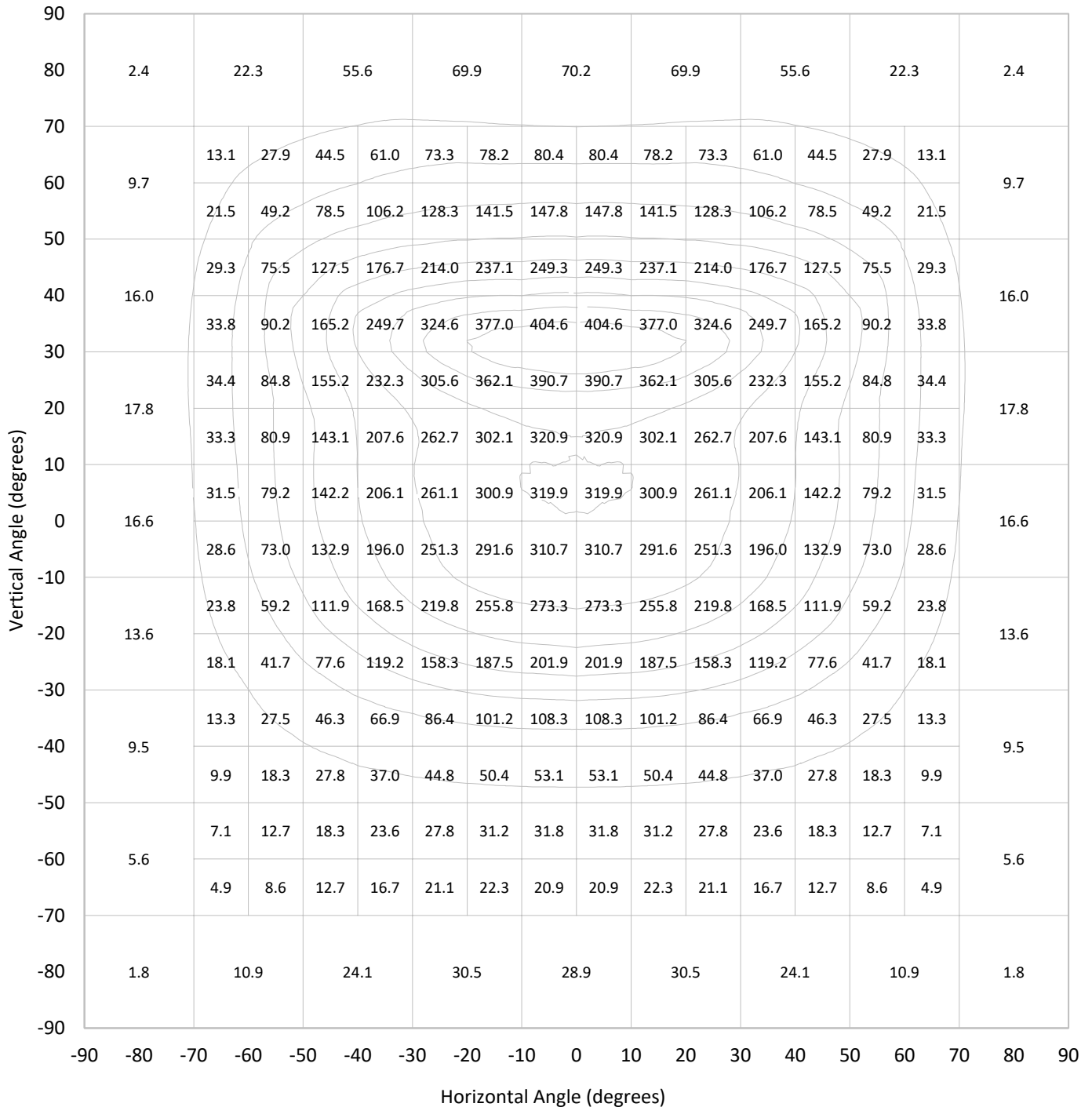
Iso-Candela Plot





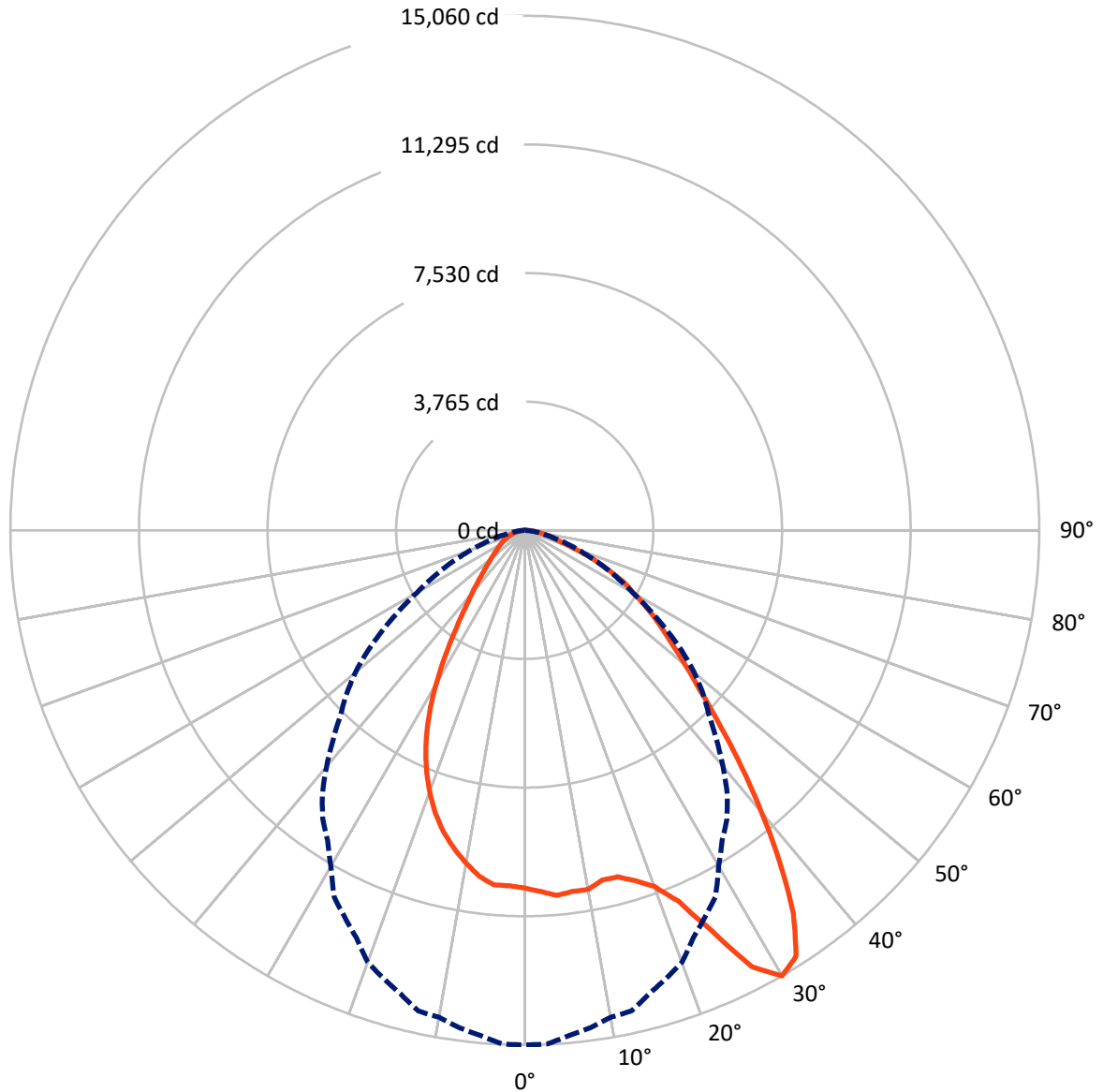
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Lumen Table



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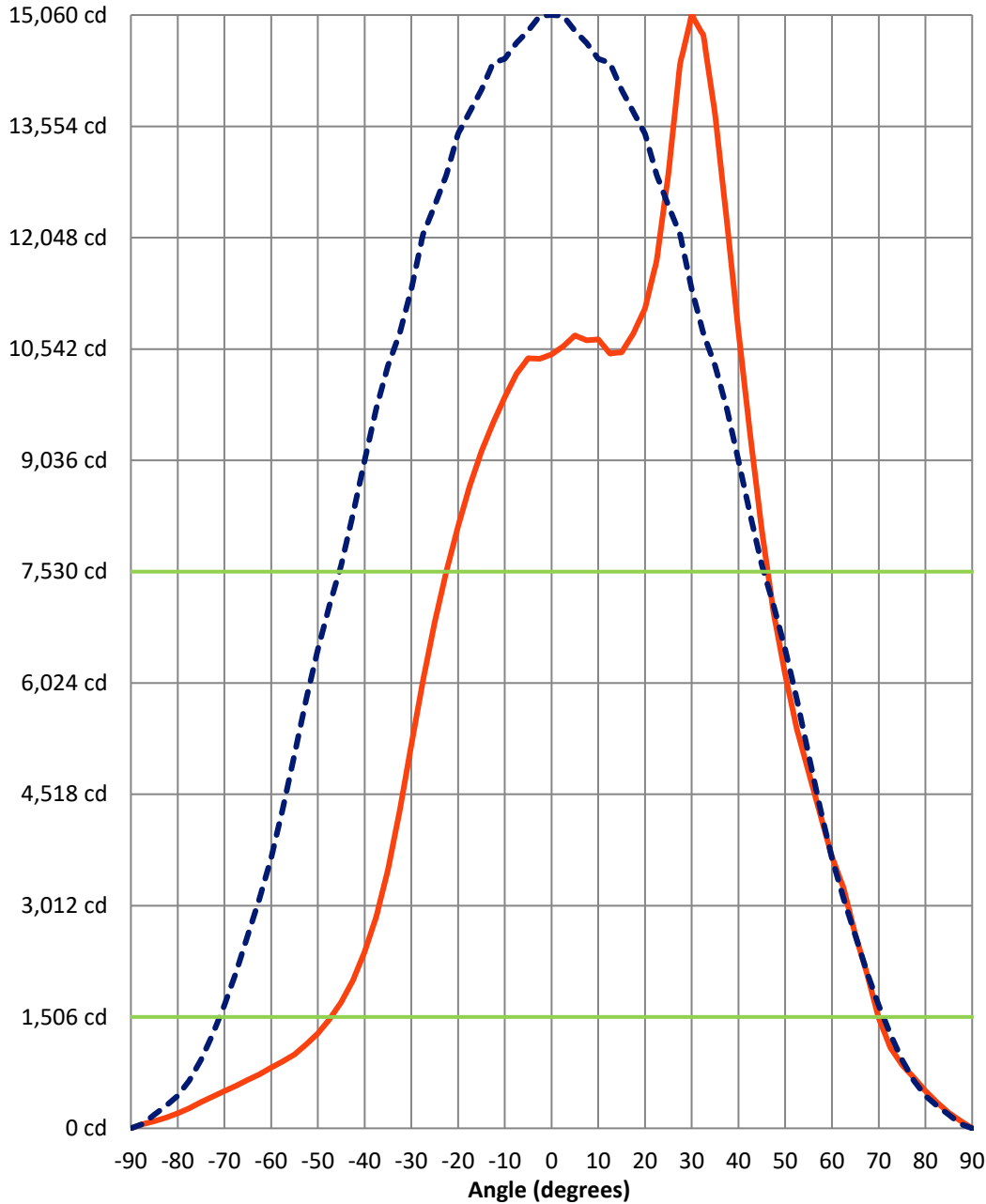
Luminous Intensity Polar Plot



— 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: 14618.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 23558.9
 Efficiency: 93.7%

Spill:
 Lumens: 1580.5
 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°	101.2	103.9	106.5	106.5	103.9	103.9	103.9	101.2	103.9	103.9	103.9
85°	210.4	215.7	221.0	218.4	215.7	210.4	205.1	207.7	210.4	213.1	213.1
82.5°	348.9	356.9	362.2	359.5	354.2	348.9	343.6	346.2	351.5	354.2	354.2
80°	506.0	508.7	511.3	516.7	508.7	508.7	506.0	516.7	522.0	527.3	532.6
77.5°	687.1	689.8	689.8	692.4	695.1	697.8	697.8	716.4	729.7	737.7	745.7
75°	857.5	865.5	873.5	881.5	892.2	897.5	905.5	932.1	953.4	969.4	985.4
72.5°	1091.9	1102.6	1115.9	1134.5	1153.2	1166.5	1185.1	1217.1	1241.0	1257.0	1275.7
70°	1494.0	1504.7	1518.0	1531.3	1550.0	1563.3	1581.9	1621.9	1645.8	1656.5	1667.2
67.5°	2090.6	2117.2	2141.2	2114.6	2101.3	2082.6	2087.9	2125.2	2149.2	2165.2	2162.5
65°	2620.6	2639.2	2639.2	2636.6	2625.9	2601.9	2615.2	2660.5	2687.2	2700.5	2660.5
62.5°	3243.8	3243.8	3230.4	3251.8	3254.4	3238.4	3230.4	3233.1	3235.8	3243.8	3177.2
60°	3675.2	3701.8	3709.8	3728.5	3733.8	3733.8	3747.1	3757.8	3757.8	3741.8	3664.5
57.5°	4245.1	4295.7	4306.4	4293.1	4266.4	4231.8	4226.5	4210.5	4178.5	4146.6	4109.3
55°	4820.4	4847.0	4844.3	4836.3	4809.7	4769.8	4775.1	4753.8	4703.2	4663.2	4612.6
52.5°	5398.3	5462.2	5472.8	5456.9	5419.6	5377.0	5379.6	5355.7	5305.1	5262.5	5193.2
50°	6136.0	6189.2	6183.9	6157.3	6104.0	6072.1	6074.7	6029.5	5970.9	5957.5	5867.0
47.5°	6980.2	7041.5	7030.8	6993.5	6921.6	6908.3	6921.6	6863.0	6828.4	6799.1	6692.6
45°	8088.1	8160.0	8120.1	8048.2	7933.6	7946.9	7965.6	7954.9	7880.4	7803.1	7667.3
42.5°	9387.7	9433.0	9385.1	9313.2	9169.4	9196.0	9185.3	9121.4	9076.1	8948.3	8775.2
40°	10777.9	10876.5	10801.9	10690.0	10540.9	10580.8	10551.5	10469.0	10362.5	10202.7	9984.3
37.5°	12277.3	12354.5	12269.3	12138.8	12005.6	11992.3	11933.7	11805.9	11654.1	11478.3	11129.5
35°	13712.7	13912.5	13755.4	13547.6	13385.2	13323.9	13268.0	12972.4	12799.3	12514.3	12037.6
32.5°	14780.7	14927.2	14732.7	14517.0	14320.0	14234.7	14037.7	13686.1	13592.9	12993.7	12556.9
30°	15060.3	15049.7	14847.3	14682.1	14469.1	14410.5	14048.3	13750.0	13451.8	12897.8	12482.4
27.5°	14394.5	14327.9	14133.5	13989.7	13779.3	13710.1	13353.2	13193.4	12732.7	12264.0	11912.4
25°	12911.1	12945.8	12799.3	12727.4	12588.9	12439.7	12298.6	12082.9	11795.3	11385.1	11062.9
22.5°	11742.0	11787.3	11726.0	11640.8	11534.3	11451.7	11345.2	11177.4	10900.4	10647.4	10343.8
20°	11092.2	11078.9	11025.6	10961.7	10860.5	10801.9	10684.7	10543.6	10330.5	10112.1	9784.5
17.5°	10751.3	10668.7	10618.1	10594.2	10540.9	10466.3	10327.8	10184.0	10018.9	9771.2	9531.5
15°	10498.3	10511.6	10471.6	10453.0	10410.4	10306.5	10165.4	10048.2	9824.5	9699.3	9480.9
12.5°	10482.3	10469.0	10471.6	10463.7	10410.4	10277.2	10205.3	10056.2	9912.4	9747.3	9496.9
10°	10671.4	10530.2	10540.9	10578.2	10493.0	10386.4	10309.2	10146.7	10010.9	9800.5	9552.9
7.5°	10660.7	10588.8	10610.1	10548.9	10575.5	10445.0	10338.5	10176.0	10005.6	9781.9	9558.2
5°	10724.7	10615.5	10596.8	10602.1	10535.6	10437.0	10293.2	10138.8	9979.0	9728.6	9499.6
2.5°	10578.2	10594.2	10508.9	10477.0	10469.0	10303.9	10170.7	10021.6	9856.5	9635.4	9430.3
0°	10469.0	10498.3	10410.4	10365.1	10362.5	10221.3	10136.1	9965.6	9848.5	9664.7	9417.0
-2.5°	10410.4	10445.0	10455.7	10373.1	10293.2	10184.0	10040.2	9856.5	9664.7	9451.6	9238.6
-5°	10415.7	10346.5	10317.2	10343.8	10274.6	10165.4	10005.6	9843.1	9654.1	9425.0	9158.7
-7.5°	10205.3	10136.1	10130.8	10117.4	10101.5	9997.6	9864.4	9688.7	9496.9	9283.9	9036.2
-10°	9891.1	9840.5	9827.2	9813.8	9771.2	9710.0	9584.8	9425.0	9251.9	9038.9	8775.2
-12.5°	9542.2	9518.2	9467.6	9433.0	9390.4	9318.5	9198.6	9052.2	8879.1	8690.0	8463.6
-15°	9156.0	9110.8	9060.2	9030.9	8969.6	8884.4	8764.5	8628.7	8439.6	8253.2	8040.2
-17.5°	8690.0	8634.1	8578.1	8570.1	8527.5	8397.0	8285.2	8120.1	7954.9	7776.5	7568.8
-20°	8141.4	8064.1	8026.8	8005.5	7946.9	7851.1	7731.2	7579.4	7419.6	7249.2	7009.5



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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°	7534.2	7467.6	7403.7	7363.7	7313.1	7238.5	7124.0	6990.9	6833.7	6642.0	6420.9
-25°	6844.4	6751.2	6711.2	6666.0	6639.3	6570.1	6458.2	6335.7	6173.3	5986.8	5776.5
-27.5°	6056.1	5981.5	5960.2	5896.3	5864.3	5792.4	5699.2	5584.7	5435.6	5259.8	5086.7
-30°	5185.2	5140.0	5105.3	5041.4	5017.4	4940.2	4879.0	4783.1	4647.3	4522.1	4383.6
-32.5°	4290.4	4245.1	4234.5	4205.2	4189.2	4138.6	4069.3	4000.1	3890.9	3797.7	3685.9
-35°	3496.8	3464.8	3467.5	3464.8	3448.8	3411.5	3326.3	3307.7	3227.8	3142.6	3070.7
-37.5°	2862.9	2865.6	2862.9	2860.3	2839.0	2823.0	2761.7	2737.8	2689.8	2607.3	2564.6
-40°	2386.2	2391.5	2388.9	2383.6	2359.6	2351.6	2311.6	2279.7	2261.0	2202.5	2157.2
-42.5°	2000.1	2008.0	2005.4	2002.7	1986.7	1984.1	1962.8	1925.5	1914.8	1880.2	1832.3
-45°	1707.1	1704.4	1699.1	1704.4	1696.4	1688.5	1675.1	1651.2	1637.9	1621.9	1581.9
-47.5°	1475.4	1478.1	1472.7	1472.7	1462.1	1454.1	1448.8	1432.8	1422.1	1408.8	1384.9
-50°	1283.7	1294.3	1291.6	1289.0	1281.0	1275.7	1275.7	1259.7	1243.7	1238.4	1222.4
-52.5°	1134.5	1142.5	1145.2	1150.5	1153.2	1155.8	1147.8	1131.9	1105.2	1102.6	1094.6
-55°	998.7	1022.7	1038.6	1049.3	1059.9	1067.9	1052.0	1030.7	1004.0	993.4	990.7
-57.5°	905.5	929.5	948.1	964.1	977.4	990.7	974.7	953.4	929.5	916.1	913.5
-60°	820.3	841.6	860.2	881.5	900.2	921.5	913.5	897.5	884.2	873.5	862.9
-62.5°	729.7	751.0	772.3	799.0	822.9	844.2	846.9	844.2	841.6	844.2	825.6
-65°	655.1	665.8	679.1	708.4	735.0	759.0	772.3	780.3	793.6	806.9	788.3
-67.5°	575.2	588.6	604.5	625.8	647.2	663.1	681.8	703.1	724.4	745.7	732.4
-70°	503.3	514.0	527.3	538.0	551.3	561.9	577.9	601.9	625.8	647.2	641.8
-72.5°	428.8	439.4	447.4	452.7	460.7	466.1	474.0	495.4	511.3	522.0	522.0
-75°	354.2	364.9	372.8	375.5	380.8	383.5	388.8	396.8	404.8	407.5	410.1
-77.5°	271.6	282.3	290.3	295.6	300.9	306.3	308.9	314.3	316.9	316.9	319.6
-80°	202.4	210.4	215.7	223.7	226.4	231.7	237.0	239.7	242.3	242.3	245.0
-82.5°	143.8	149.1	154.5	159.8	165.1	167.8	173.1	175.8	178.4	181.1	183.8
-85°	95.9	101.2	106.5	111.9	114.5	117.2	119.8	122.5	125.2	127.8	130.5
-87.5°	55.9	58.6	61.3	66.6	69.2	74.6	77.2	74.6	77.2	77.2	77.2
-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):

	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°	103.9	103.9	103.9	103.9	101.2	95.9	93.2	87.9	82.6	77.2	71.9
85°	215.7	218.4	218.4	218.4	213.1	210.4	202.4	194.4	183.8	167.8	154.5
82.5°	359.5	362.2	362.2	359.5	354.2	346.2	335.6	322.2	300.9	279.6	261.0
80°	540.6	543.3	543.3	540.6	527.3	514.0	500.7	484.7	458.1	428.8	396.8
77.5°	756.3	761.7	761.7	753.7	735.0	719.1	697.8	671.1	631.2	588.6	546.0
75°	1006.7	1020.0	1022.7	1014.7	990.7	961.4	926.8	881.5	820.3	767.0	716.4
72.5°	1297.0	1310.3	1320.9	1310.3	1275.7	1235.7	1185.1	1131.9	1070.6	998.7	913.5
70°	1677.8	1691.1	1699.1	1664.5	1603.2	1536.7	1475.4	1414.2	1342.2	1254.4	1161.1
67.5°	2157.2	2143.9	2127.9	2058.6	1981.4	1901.5	1816.3	1725.7	1632.5	1539.3	1430.1
65°	2617.9	2580.6	2546.0	2463.4	2364.9	2261.0	2162.5	2061.3	1949.5	1832.3	1728.4
62.5°	3102.6	3022.7	2937.5	2836.3	2735.1	2620.6	2522.0	2402.2	2277.0	2133.2	2000.1
60°	3579.3	3483.4	3398.2	3273.1	3139.9	2985.4	2878.9	2761.7	2615.2	2460.8	2303.7
57.5°	4040.1	3936.2	3843.0	3733.8	3590.0	3422.2	3305.0	3153.2	2998.7	2804.3	2644.5
55°	4530.1	4426.2	4351.6	4229.1	4072.0	3917.5	3789.7	3629.9	3414.2	3206.5	3009.4
52.5°	5092.0	5009.5	4929.6	4804.4	4615.3	4458.2	4317.0	4138.6	3912.2	3656.6	3419.5
50°	5720.5	5677.9	5592.7	5446.2	5230.5	5092.0	4905.6	4668.6	4426.2	4157.2	3861.6
47.5°	6554.1	6484.9	6365.0	6205.2	6024.1	5816.4	5566.1	5289.1	4945.5	4647.3	4333.0
45°	7550.1	7422.3	7267.8	7052.1	6828.4	6594.1	6319.7	5968.2	5507.5	5118.6	4788.4
42.5°	8628.7	8455.6	8245.2	7962.9	7672.6	7385.0	7089.4	6610.0	6034.8	5587.4	5214.5
40°	9755.3	9534.2	9270.6	8860.4	8538.2	8168.0	7829.8	7113.4	6500.8	6016.1	5619.3
37.5°	10857.8	10578.2	10136.1	9638.1	9262.6	8959.0	8215.9	7448.9	6900.3	6367.7	5965.5
35°	11702.0	11465.0	10684.7	10168.0	9845.8	9366.4	8437.0	7651.3	7070.8	6628.7	6002.8
32.5°	12202.7	11590.2	10905.7	10383.8	10117.4	9331.8	8453.0	7709.9	7150.7	6655.3	5906.9
30°	12090.9	11350.5	10751.3	10314.5	9736.6	9030.9	8303.8	7619.4	7076.1	6476.9	5800.4
27.5°	11417.1	10844.5	10309.2	9853.8	9286.5	8652.7	7981.6	7379.7	6873.7	6293.1	5653.9
25°	10655.4	10136.1	9739.3	9342.5	8804.5	8200.0	7608.7	7174.6	6666.0	6093.4	5462.2
22.5°	9955.0	9582.1	9270.6	8855.1	8330.4	7803.1	7435.6	6985.5	6463.6	5883.0	5265.1
20°	9507.6	9254.6	8897.7	8439.6	8026.8	7696.6	7289.1	6812.4	6274.5	5667.3	5097.3
17.5°	9291.9	8998.9	8602.1	8303.8	7986.9	7624.7	7169.3	6663.3	6090.7	5568.7	5116.0
15°	9180.0	8871.1	8610.1	8317.1	7960.3	7579.4	7073.4	6548.8	6090.7	5608.7	5129.3
12.5°	9204.0	8937.7	8652.7	8333.1	7949.6	7542.1	7084.1	6596.7	6122.7	5638.0	5132.0
10°	9278.5	8998.9	8695.3	8341.1	7954.9	7552.8	7113.4	6626.0	6138.6	5651.3	5126.6
7.5°	9305.2	9001.6	8676.7	8319.8	7941.6	7547.5	7118.7	6634.0	6141.3	5648.6	5110.7
5°	9222.6	8948.3	8634.1	8274.5	7904.3	7520.8	7097.4	6623.3	6120.0	5622.0	5070.7
2.5°	9110.8	8889.7	8588.8	8242.6	7867.1	7483.6	7062.8	6575.4	6072.1	5574.0	5020.1
0°	9092.1	8817.8	8514.2	8205.3	7805.8	7401.0	6982.9	6484.9	5984.2	5483.5	4932.2
-2.5°	8969.6	8679.3	8375.7	8040.2	7688.6	7281.2	6841.7	6354.4	5859.0	5366.3	4836.3
-5°	8876.4	8554.2	8231.9	7869.7	7515.5	7108.0	6652.6	6178.6	5693.9	5214.5	4703.2
-7.5°	8751.2	8421.0	8082.8	7704.6	7321.1	6905.6	6455.6	5981.5	5504.8	5028.1	4538.1
-10°	8498.2	8207.9	7891.0	7499.5	7094.7	6679.3	6231.9	5765.8	5289.1	4807.1	4314.4
-12.5°	8192.0	7885.7	7539.5	7180.0	6817.8	6431.6	5984.2	5526.1	5046.7	4562.0	4072.0
-15°	7795.1	7494.2	7140.0	6788.5	6439.6	6069.4	5675.3	5262.5	4775.1	4298.4	3808.4
-17.5°	7299.8	7017.5	6700.6	6365.0	6018.8	5646.0	5262.5	4913.6	4458.2	4010.8	3526.1
-20°	6767.2	6503.5	6218.5	5901.6	5555.4	5190.6	4828.4	4463.5	4069.3	3675.2	3225.1



REPORT NUMBER: P721970
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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°	6213.2	5946.9	5659.3	5363.7	5044.1	4705.9	4370.3	4021.4	3675.2	3318.3	2937.5
-25°	5574.0	5339.7	5076.0	4788.4	4503.4	4207.8	3888.3	3571.3	3275.7	2966.8	2655.2
-27.5°	4905.6	4689.9	4450.2	4199.8	3954.8	3707.2	3430.2	3137.2	2892.2	2636.6	2378.2
-30°	4202.5	4029.4	3835.0	3616.6	3427.5	3227.8	2996.1	2753.7	2530.0	2335.6	2127.9
-32.5°	3536.7	3390.2	3251.8	3107.9	2921.5	2767.1	2607.3	2428.8	2231.8	2048.0	1898.9
-35°	2964.1	2807.0	2748.4	2641.9	2508.7	2372.9	2255.7	2127.9	1978.7	1816.3	1693.8
-37.5°	2482.1	2388.9	2306.3	2247.7	2159.8	2050.7	1957.4	1864.2	1749.7	1627.2	1504.7
-40°	2106.6	2042.7	1952.1	1922.8	1866.9	1792.3	1696.4	1624.5	1547.3	1454.1	1350.2
-42.5°	1805.6	1757.7	1699.1	1648.5	1624.5	1571.3	1496.7	1427.5	1366.2	1302.3	1222.4
-45°	1558.0	1526.0	1488.7	1443.4	1424.8	1382.2	1328.9	1251.7	1217.1	1163.8	1105.2
-47.5°	1358.2	1342.2	1315.6	1286.3	1259.7	1227.7	1179.8	1131.9	1083.9	1049.3	1004.0
-50°	1201.1	1190.4	1174.5	1150.5	1115.9	1094.6	1062.6	1020.0	974.7	945.4	913.5
-52.5°	1075.9	1065.3	1054.6	1036.0	1009.3	988.0	961.4	926.8	889.5	860.2	833.6
-55°	980.1	964.1	956.1	940.1	918.8	894.8	870.9	846.9	814.9	788.3	761.7
-57.5°	905.5	884.2	873.5	860.2	838.9	814.9	796.3	772.3	751.0	721.7	697.8
-60°	846.9	822.9	801.6	788.3	769.7	745.7	727.0	708.4	687.1	663.1	633.8
-62.5°	799.0	769.7	740.4	724.4	705.7	684.4	665.8	647.2	625.8	601.9	575.2
-65°	753.7	719.1	681.8	665.8	647.2	625.8	601.9	588.6	569.9	548.6	522.0
-67.5°	697.8	660.5	628.5	609.9	591.2	572.6	551.3	538.0	519.3	492.7	466.1
-70°	615.2	591.2	569.9	553.9	538.0	522.0	500.7	479.4	458.1	434.1	410.1
-72.5°	511.3	503.3	500.7	492.7	474.0	455.4	434.1	412.8	394.2	375.5	356.9
-75°	412.8	418.1	423.4	420.8	402.1	383.5	364.9	346.2	332.9	316.9	300.9
-77.5°	327.6	332.9	338.2	338.2	324.9	314.3	300.9	287.6	277.0	263.7	247.7
-80°	253.0	261.0	269.0	274.3	263.7	255.7	245.0	234.4	223.7	213.1	202.4
-82.5°	191.7	199.7	207.7	213.1	205.1	199.7	191.7	183.8	175.8	165.1	157.1
-85°	138.5	143.8	149.1	151.8	146.5	141.1	135.8	130.5	125.2	117.2	111.9
-87.5°	79.9	82.6	85.2	87.9	82.6	77.2	74.6	69.2	66.6	61.3	58.6
-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):

	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°	66.6	61.3	55.9	53.3	47.9	39.9	34.6	29.3	24.0	18.6	16.0
85°	141.1	127.8	111.9	103.9	93.2	82.6	71.9	61.3	50.6	39.9	29.3
82.5°	242.3	226.4	210.4	191.7	167.8	138.5	109.2	90.5	74.6	58.6	45.3
80°	364.9	335.6	308.9	285.0	258.3	221.0	181.1	143.8	101.2	77.2	58.6
77.5°	506.0	471.4	434.1	394.2	351.5	300.9	255.7	207.7	157.1	106.5	74.6
75°	665.8	620.5	569.9	514.0	458.1	391.5	327.6	271.6	213.1	149.1	90.5
72.5°	844.2	788.3	727.0	652.5	564.6	487.4	410.1	335.6	266.3	189.1	122.5
70°	1073.3	985.4	894.8	814.9	703.1	580.6	490.0	404.8	316.9	231.7	154.5
67.5°	1318.3	1211.7	1102.6	985.4	844.2	700.4	569.9	474.0	370.2	271.6	183.8
65°	1584.6	1451.4	1313.0	1182.5	988.0	817.6	671.1	540.6	420.8	308.9	213.1
62.5°	1858.9	1701.8	1542.0	1371.5	1147.8	937.4	767.0	615.2	468.7	343.6	239.7
60°	2151.9	1968.1	1773.7	1560.6	1299.6	1067.9	857.5	692.4	519.3	378.2	269.0
57.5°	2460.8	2261.0	2032.0	1744.4	1456.8	1193.1	961.4	761.7	564.6	410.1	290.3
55°	2796.3	2567.3	2317.0	1936.1	1611.2	1318.3	1065.3	830.9	612.5	436.8	311.6
52.5°	3158.5	2892.2	2575.3	2138.5	1773.7	1446.1	1161.1	892.2	657.8	466.1	330.2
50°	3563.3	3227.8	2801.7	2325.0	1914.8	1566.0	1257.0	958.7	695.1	498.0	346.2
47.5°	3984.1	3621.9	3004.1	2498.1	2058.6	1683.1	1355.6	1017.3	732.4	524.6	362.2
45°	4423.6	3896.2	3214.5	2652.5	2183.8	1789.7	1430.1	1070.6	777.7	548.6	375.5
42.5°	4857.7	4104.0	3398.2	2807.0	2301.0	1885.5	1491.4	1121.2	814.9	572.6	388.8
40°	5062.7	4261.1	3544.7	2913.5	2399.5	1970.8	1544.6	1166.5	846.9	588.6	402.1
37.5°	5147.9	4357.0	3640.6	3014.7	2476.8	2016.0	1589.9	1206.4	873.5	604.5	412.8
35°	5166.6	4391.6	3688.5	3084.0	2540.7	2058.6	1624.5	1235.7	894.8	620.5	423.4
32.5°	5132.0	4380.9	3701.8	3107.9	2580.6	2090.6	1648.5	1257.0	910.8	636.5	434.1
30°	5054.7	4325.0	3653.9	3105.3	2609.9	2109.2	1664.5	1273.0	926.8	647.2	439.4
27.5°	4929.6	4226.5	3592.6	3107.9	2625.9	2117.2	1672.5	1281.0	937.4	655.1	450.1
25°	4775.1	4093.3	3595.3	3102.6	2628.6	2119.9	1672.5	1281.0	940.1	657.8	458.1
22.5°	4596.7	4093.3	3595.3	3094.6	2612.6	2114.6	1664.5	1275.7	940.1	663.1	466.1
20°	4607.3	4096.0	3587.3	3078.6	2588.6	2098.6	1645.8	1262.4	932.1	671.1	471.4
17.5°	4615.3	4090.7	3571.3	3057.3	2556.7	2072.0	1621.9	1243.7	932.1	679.1	474.0
15°	4615.3	4074.7	3547.4	3025.4	2516.7	2034.7	1587.3	1227.7	934.8	681.8	479.4
12.5°	4607.3	4045.4	3510.1	2982.8	2468.8	1989.4	1566.0	1222.4	934.8	684.4	479.4
10°	4591.3	4005.4	3462.1	2929.5	2423.5	1973.4	1555.3	1211.7	929.5	684.4	479.4
7.5°	4562.0	3957.5	3422.2	2897.5	2396.9	1954.8	1539.3	1195.8	921.5	679.1	484.7
5°	4516.8	3930.9	3390.2	2860.3	2359.6	1941.5	1528.7	1182.5	916.1	679.1	479.4
2.5°	4458.2	3898.9	3353.0	2812.3	2317.0	1896.2	1494.0	1153.2	897.5	668.5	474.0
0°	4362.3	3835.0	3289.0	2745.7	2258.4	1850.9	1459.4	1123.9	878.9	657.8	468.7
-2.5°	4274.4	3749.8	3206.5	2676.5	2202.5	1811.0	1432.8	1107.9	870.9	655.1	466.1
-5°	4151.9	3632.6	3097.3	2586.0	2127.9	1771.0	1406.2	1089.2	862.9	649.8	466.1
-7.5°	4016.1	3510.1	2982.8	2492.7	2053.3	1701.8	1355.6	1059.9	844.2	639.2	463.4
-10°	3805.7	3326.3	2839.0	2386.2	1973.4	1640.5	1313.0	1033.3	828.3	628.5	452.7
-12.5°	3582.0	3123.9	2673.8	2255.7	1882.9	1576.6	1265.0	1004.0	809.6	617.9	447.4
-15°	3345.0	2916.2	2500.7	2119.9	1784.3	1499.4	1214.4	972.1	791.0	604.5	439.4
-17.5°	3097.3	2697.8	2322.3	1981.4	1685.8	1419.5	1161.1	942.8	769.7	591.2	431.4
-20°	2836.3	2474.1	2141.2	1840.3	1581.9	1339.6	1105.2	908.1	745.7	575.2	420.8



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CATALOG NUMBER: IFLD-S-SA6B-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2578.0	2253.1	1954.8	1701.8	1475.4	1257.0	1049.3	873.5	719.1	556.6	412.8
-25°	2348.9	2045.3	1789.7	1568.6	1371.5	1177.1	990.7	838.9	689.8	538.0	402.1
-27.5°	2125.2	1866.9	1627.2	1443.4	1270.3	1099.9	934.8	801.6	660.5	516.7	391.5
-30°	1917.5	1696.4	1499.4	1320.9	1174.5	1030.7	886.8	764.3	628.5	495.4	378.2
-32.5°	1728.4	1550.0	1384.9	1214.4	1083.9	961.4	841.6	727.0	596.6	474.0	364.9
-35°	1552.6	1414.2	1270.3	1126.5	993.4	897.5	793.6	687.1	567.3	450.1	351.5
-37.5°	1395.5	1283.7	1169.1	1046.6	932.1	836.2	748.4	647.2	538.0	428.8	338.2
-40°	1259.7	1169.1	1067.9	969.4	873.5	783.0	703.1	607.2	508.7	412.8	324.9
-42.5°	1134.5	1065.3	982.7	900.2	814.9	735.0	657.8	564.6	479.4	394.2	311.6
-45°	1038.6	969.4	902.8	828.3	756.3	687.1	609.9	527.3	452.7	372.8	298.3
-47.5°	948.1	886.8	825.6	764.3	705.7	641.8	564.6	495.4	423.4	354.2	287.6
-50°	868.2	809.6	756.3	703.1	652.5	591.2	519.3	463.4	399.5	335.6	274.3
-52.5°	793.6	743.0	689.8	647.2	604.5	543.3	484.7	431.4	375.5	314.3	261.0
-55°	727.0	679.1	631.2	591.2	551.3	498.0	450.1	404.8	351.5	298.3	247.7
-57.5°	663.1	623.2	577.9	540.6	500.7	458.1	418.1	375.5	327.6	282.3	234.4
-60°	604.5	567.3	527.3	490.0	455.4	420.8	383.5	348.9	306.3	263.7	221.0
-62.5°	546.0	514.0	479.4	442.1	415.5	383.5	354.2	319.6	285.0	247.7	197.1
-65°	492.7	463.4	431.4	399.5	375.5	351.5	324.9	293.0	263.7	229.0	175.8
-67.5°	439.4	412.8	386.2	359.5	338.2	319.6	293.0	269.0	245.0	207.7	154.5
-70°	388.8	367.5	343.6	322.2	306.3	285.0	266.3	245.0	223.7	181.1	130.5
-72.5°	340.9	319.6	300.9	285.0	271.6	253.0	237.0	221.0	191.7	151.8	109.2
-75°	285.0	271.6	261.0	247.7	234.4	221.0	207.7	189.1	159.8	122.5	85.2
-77.5°	234.4	226.4	218.4	207.7	197.1	186.4	170.4	151.8	127.8	95.9	69.2
-80°	191.7	183.8	178.4	167.8	159.8	149.1	133.2	117.2	93.2	74.6	55.9
-82.5°	146.5	141.1	135.8	130.5	122.5	111.9	95.9	82.6	69.2	55.9	42.6
-85°	103.9	101.2	95.9	90.5	82.6	74.6	63.9	55.9	47.9	37.3	29.3
-87.5°	53.3	50.6	47.9	45.3	42.6	37.3	32.0	26.6	24.0	18.6	13.3
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.7	8.0	2.7	0.0
85°	21.3	13.3	5.3	0.0
82.5°	32.0	21.3	8.0	0.0
80°	42.6	26.6	13.3	0.0
77.5°	53.3	32.0	16.0	0.0
75°	63.9	39.9	18.6	0.0
72.5°	71.9	45.3	21.3	0.0
70°	85.2	53.3	24.0	0.0
67.5°	106.5	58.6	26.6	0.0
65°	125.2	63.9	29.3	0.0
62.5°	146.5	69.2	32.0	0.0
60°	165.1	74.6	34.6	0.0
57.5°	183.8	87.9	37.3	0.0
55°	199.7	98.5	39.9	0.0
52.5°	218.4	109.2	42.6	0.0
50°	234.4	119.8	45.3	0.0
47.5°	247.7	130.5	45.3	0.0
45°	258.3	138.5	47.9	0.0
42.5°	266.3	146.5	50.6	0.0
40°	274.3	154.5	53.3	0.0
37.5°	282.3	162.5	53.3	0.0
35°	290.3	170.4	55.9	0.0
32.5°	298.3	178.4	55.9	0.0
30°	303.6	183.8	58.6	0.0
27.5°	311.6	189.1	58.6	0.0
25°	314.3	194.4	61.3	0.0
22.5°	319.6	197.1	61.3	0.0
20°	324.9	202.4	61.3	0.0
17.5°	327.6	205.1	63.9	0.0
15°	327.6	207.7	66.6	0.0
12.5°	330.2	210.4	66.6	0.0
10°	330.2	215.7	63.9	0.0
7.5°	335.6	213.1	63.9	0.0
5°	332.9	213.1	63.9	0.0
2.5°	330.2	210.4	63.9	0.0
0°	327.6	210.4	63.9	0.0
-2.5°	327.6	210.4	63.9	0.0
-5°	327.6	210.4	63.9	0.0
-7.5°	324.9	213.1	63.9	0.0
-10°	319.6	213.1	63.9	0.0
-12.5°	316.9	205.1	63.9	0.0
-15°	314.3	202.4	63.9	0.0
-17.5°	308.9	199.7	61.3	0.0
-20°	303.6	197.1	61.3	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	298.3	191.7	61.3	0.0
-25°	293.0	186.4	58.6	0.0
-27.5°	287.6	181.1	58.6	0.0
-30°	279.6	175.8	55.9	0.0
-32.5°	271.6	170.4	55.9	0.0
-35°	266.3	162.5	53.3	0.0
-37.5°	258.3	154.5	53.3	0.0
-40°	250.3	146.5	50.6	0.0
-42.5°	242.3	138.5	47.9	0.0
-45°	231.7	130.5	47.9	0.0
-47.5°	223.7	122.5	45.3	0.0
-50°	210.4	111.9	42.6	0.0
-52.5°	194.4	101.2	39.9	0.0
-55°	178.4	93.2	37.3	0.0
-57.5°	162.5	82.6	37.3	0.0
-60°	146.5	71.9	34.6	0.0
-62.5°	130.5	66.6	32.0	0.0
-65°	114.5	61.3	29.3	0.0
-67.5°	95.9	53.3	26.6	0.0
-70°	79.9	47.9	24.0	0.0
-72.5°	69.2	42.6	21.3	0.0
-75°	58.6	37.3	18.6	0.0
-77.5°	50.6	32.0	16.0	0.0
-80°	39.9	24.0	10.7	0.0
-82.5°	29.3	18.6	8.0	0.0
-85°	18.6	13.3	5.3	0.0
-87.5°	10.7	5.3	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)