

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: P721967

Luminaire Tested: **IFLD-S-SA3D-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721967  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

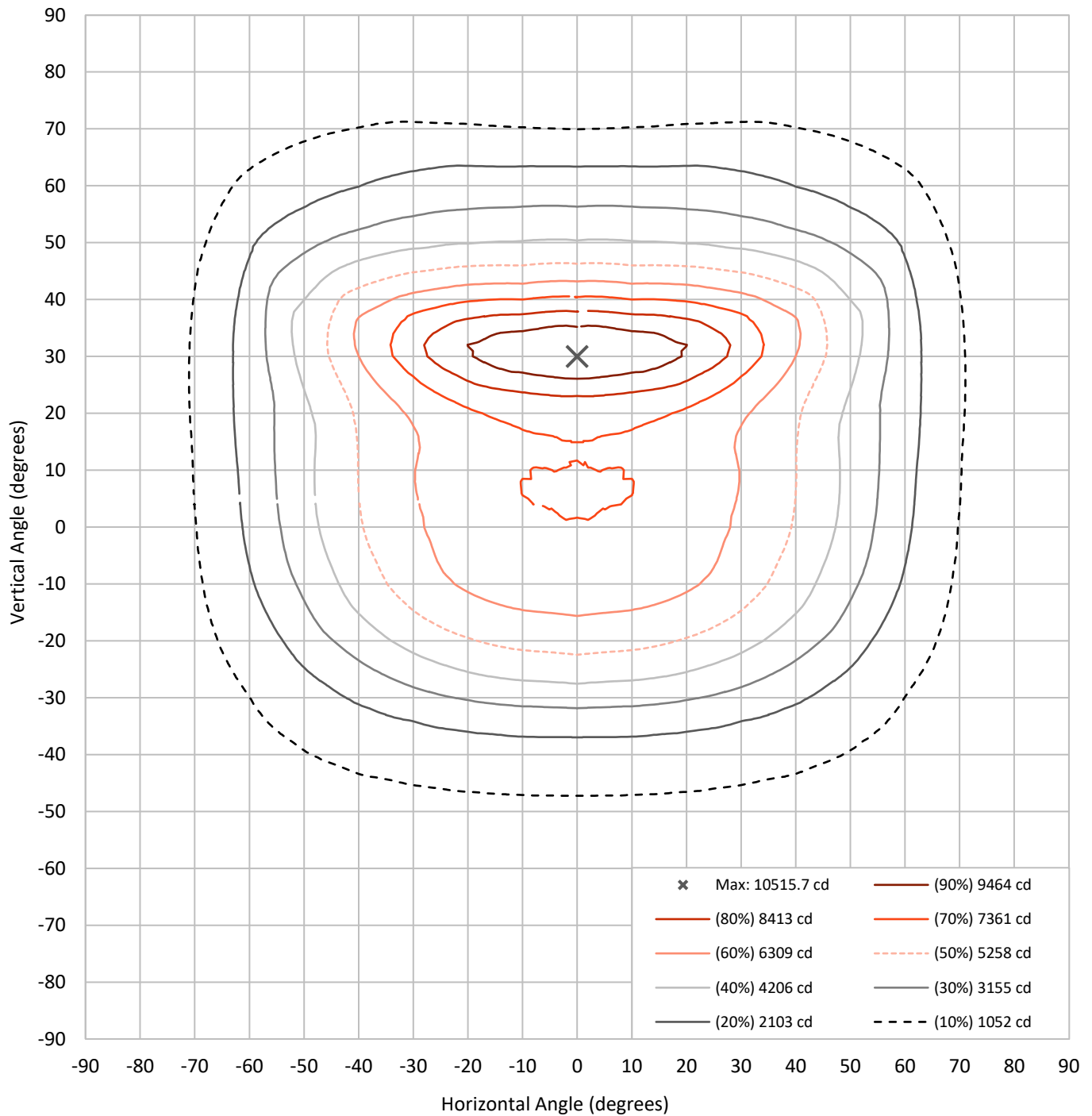
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17553.4 lumens	Max Intensity:	10515.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10207.5 lumens	Field Lumens:	16449.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 184.1  
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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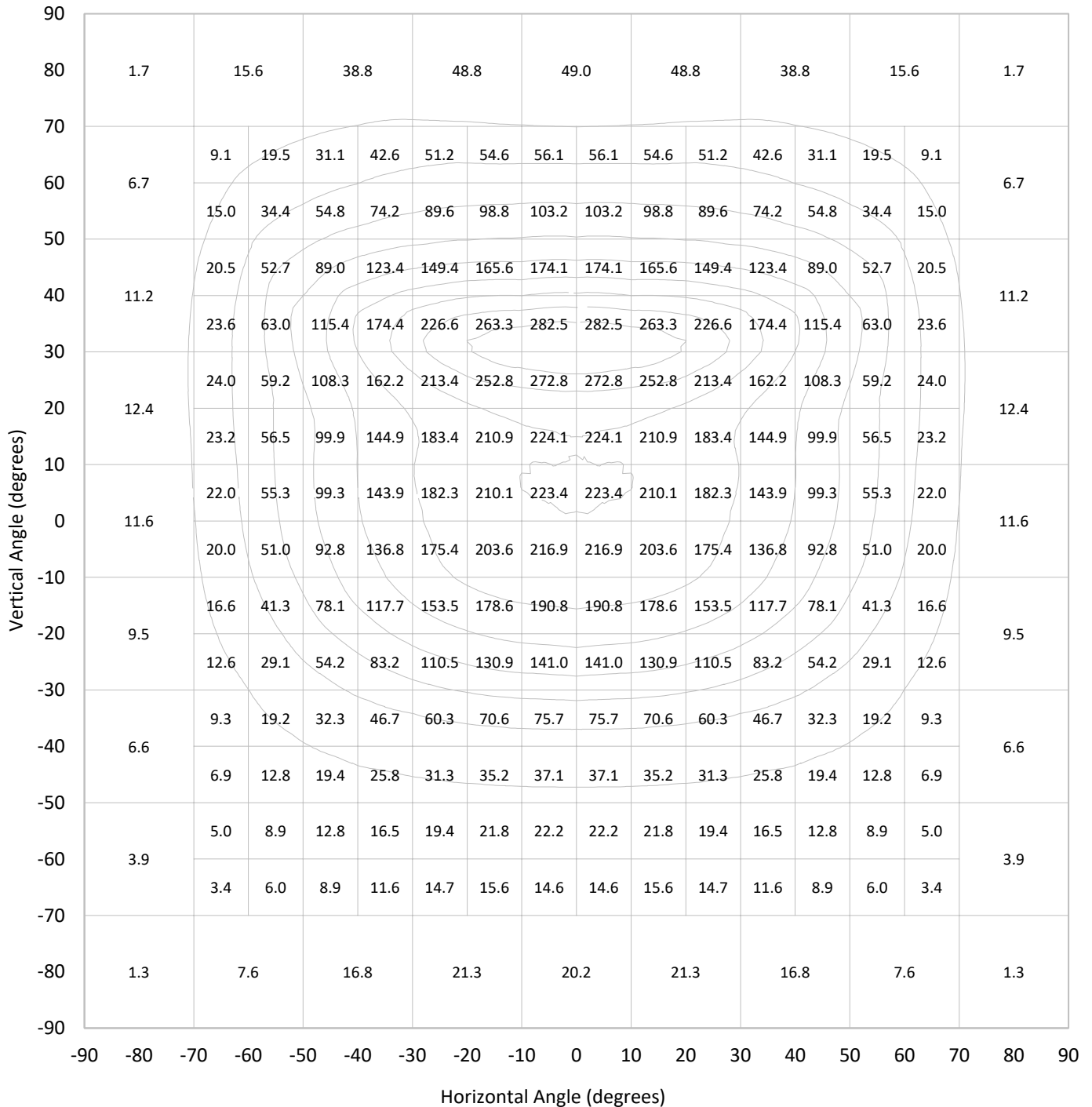
### Iso-Candela Plot





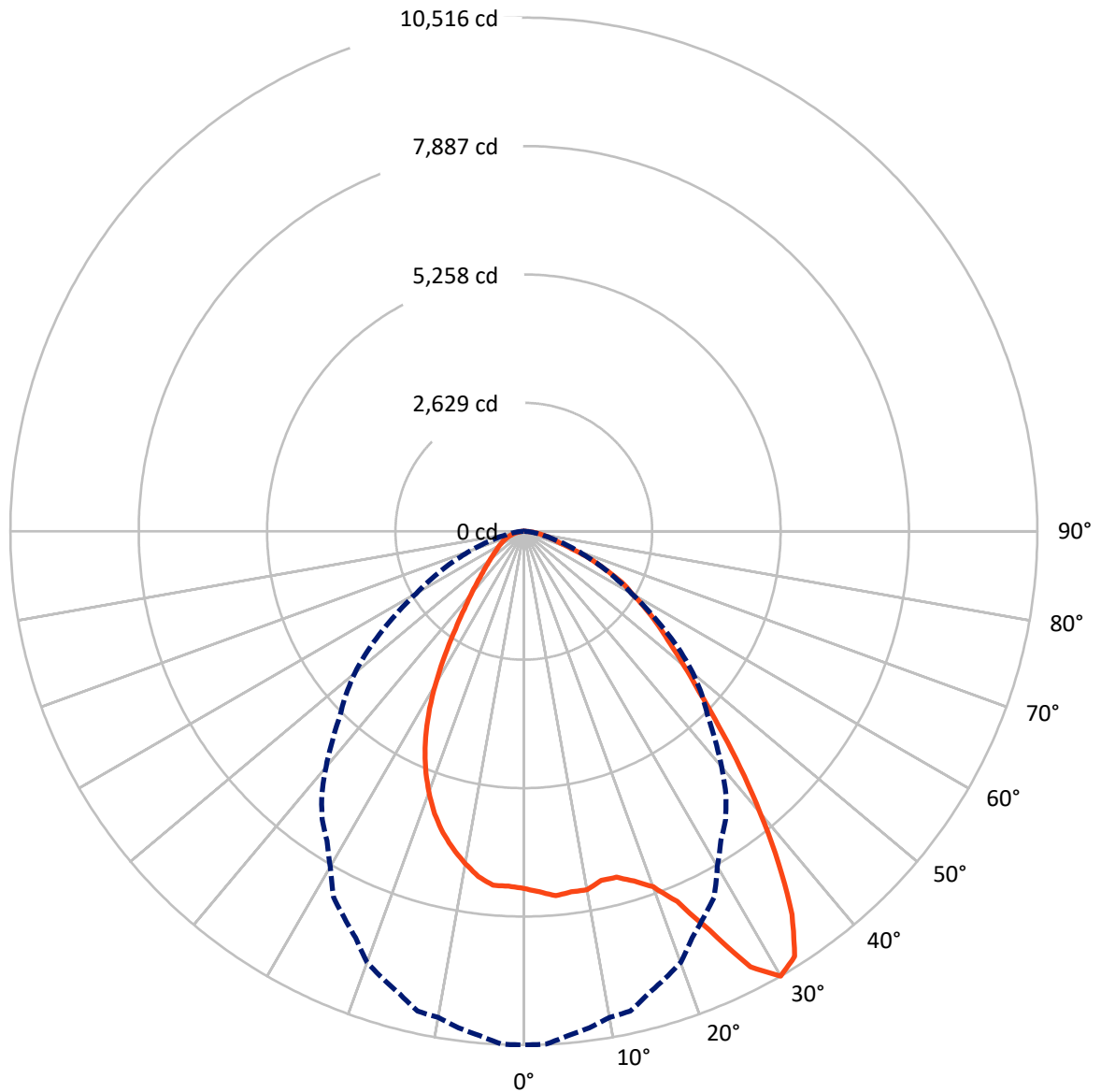
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### Lumen Table



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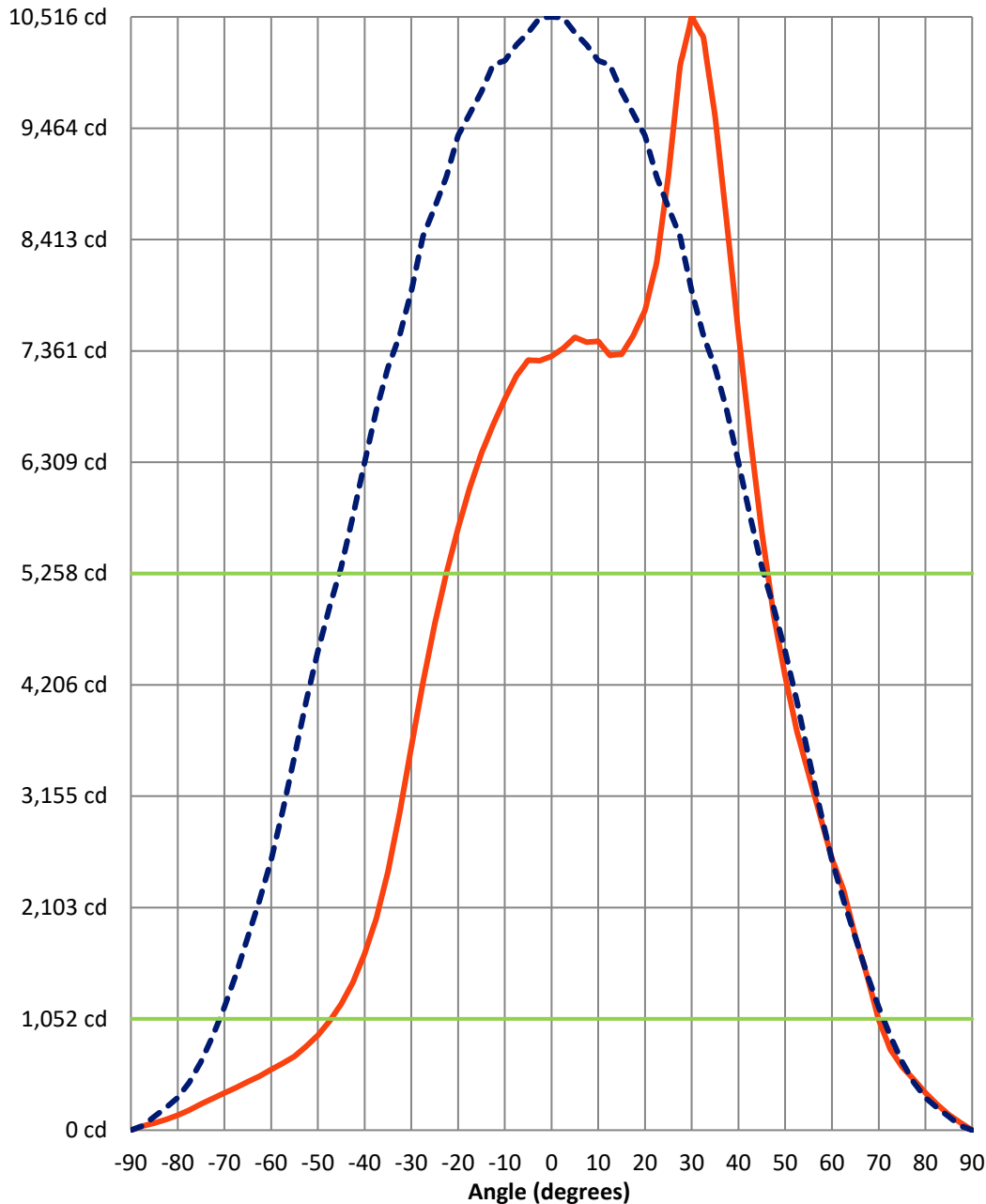
### Luminous Intensity Polar Plot



— 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: 10207.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16449.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1103.6  
 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°	70.7	72.5	74.4	74.4	72.5	72.5	72.5	70.7	72.5	72.5	72.5
85°	146.9	150.6	154.3	152.5	150.6	146.9	143.2	145.0	146.9	148.8	148.8
82.5°	243.6	249.2	252.9	251.0	247.3	243.6	239.9	241.7	245.5	247.3	247.3
80°	353.3	355.2	357.0	360.8	355.2	355.2	353.3	360.8	364.5	368.2	371.9
77.5°	479.8	481.6	481.6	483.5	485.3	487.2	487.2	500.2	509.5	515.1	520.7
75°	598.8	604.4	609.9	615.5	622.9	626.7	632.2	650.8	665.7	676.9	688.0
72.5°	762.4	769.9	779.1	792.2	805.2	814.5	827.5	849.8	866.5	877.7	890.7
70°	1043.2	1050.6	1059.9	1069.2	1082.3	1091.6	1104.6	1132.5	1149.2	1156.6	1164.1
67.5°	1459.7	1478.3	1495.1	1476.5	1467.2	1454.2	1457.9	1483.9	1500.7	1511.8	1509.9
65°	1829.8	1842.8	1842.8	1840.9	1833.5	1816.8	1826.1	1857.7	1876.3	1885.6	1857.7
62.5°	2264.9	2264.9	2255.6	2270.5	2272.4	2261.2	2255.6	2257.5	2259.3	2264.9	2218.4
60°	2566.2	2584.8	2590.3	2603.4	2607.1	2607.1	2616.4	2623.8	2623.8	2612.7	2558.7
57.5°	2964.1	2999.4	3006.9	2997.6	2979.0	2954.8	2951.1	2939.9	2917.6	2895.3	2869.3
55°	3365.8	3384.4	3382.5	3376.9	3358.3	3330.4	3334.2	3319.3	3284.0	3256.1	3220.7
52.5°	3769.3	3813.9	3821.4	3810.2	3784.2	3754.4	3756.3	3739.5	3704.2	3674.5	3626.1
50°	4284.4	4321.6	4317.9	4299.3	4262.1	4239.8	4241.6	4210.0	4169.1	4159.8	4096.6
47.5°	4873.9	4916.6	4909.2	4883.2	4833.0	4823.7	4833.0	4792.0	4767.9	4747.4	4673.0
45°	5647.4	5697.6	5669.7	5619.5	5539.6	5548.9	5561.9	5554.5	5502.4	5448.5	5353.6
42.5°	6554.9	6586.5	6553.0	6502.8	6402.4	6421.0	6413.6	6368.9	6337.3	6248.1	6127.2
40°	7525.6	7594.4	7542.3	7464.2	7360.1	7388.0	7367.5	7309.9	7235.5	7123.9	6971.4
37.5°	8572.5	8626.4	8566.9	8475.8	8382.8	8373.5	8332.6	8243.4	8137.4	8014.6	7771.0
35°	9574.8	9714.2	9604.5	9459.5	9346.1	9303.3	9264.2	9057.8	8937.0	8738.0	8405.1
32.5°	10320.5	10422.7	10287.0	10136.4	9998.8	9939.3	9801.6	9556.2	9491.1	9072.7	8767.7
30°	10515.7	10508.3	10366.9	10251.7	10102.9	10062.0	9809.1	9600.8	9392.5	9005.8	8715.7
27.5°	10050.8	10004.3	9868.6	9768.2	9621.3	9572.9	9323.7	9212.2	8890.5	8563.2	8317.7
25°	9015.1	9039.2	8937.0	8886.8	8790.1	8685.9	8587.4	8436.7	8235.9	7949.5	7724.5
22.5°	8198.7	8230.3	8187.6	8128.1	8053.7	7996.0	7921.7	7804.5	7611.1	7434.5	7222.5
20°	7745.0	7735.7	7698.5	7653.9	7583.2	7542.3	7460.5	7361.9	7213.2	7060.7	6832.0
17.5°	7507.0	7449.3	7414.0	7397.3	7360.1	7308.0	7211.3	7110.9	6995.6	6822.7	6655.3
15°	7330.3	7339.6	7311.7	7298.7	7269.0	7196.4	7097.9	7016.1	6859.9	6772.5	6620.0
12.5°	7319.2	7309.9	7311.7	7306.1	7269.0	7176.0	7125.8	7021.6	6921.2	6805.9	6631.1
10°	7451.2	7352.6	7360.1	7386.1	7326.6	7252.2	7198.3	7084.9	6990.0	6843.1	6670.2
7.5°	7443.7	7393.5	7408.4	7365.6	7384.2	7293.1	7218.7	7105.3	6986.3	6830.1	6673.9
5°	7488.4	7412.1	7399.1	7402.8	7356.3	7287.5	7187.1	7079.3	6967.7	6792.9	6633.0
2.5°	7386.1	7397.3	7337.8	7315.4	7309.9	7194.6	7101.6	6997.5	6882.2	6727.8	6584.6
0°	7309.9	7330.3	7269.0	7237.3	7235.5	7136.9	7077.4	6958.4	6876.6	6748.3	6575.3
-2.5°	7269.0	7293.1	7300.6	7242.9	7187.1	7110.9	7010.5	6882.2	6748.3	6599.5	6450.8
-5°	7272.7	7224.3	7203.9	7222.5	7174.1	7097.9	6986.3	6872.9	6740.8	6580.9	6395.0
-7.5°	7125.8	7077.4	7073.7	7064.4	7053.2	6980.7	6887.7	6765.0	6631.1	6482.4	6309.4
-10°	6906.3	6871.0	6861.7	6852.4	6822.7	6779.9	6692.5	6580.9	6460.0	6311.3	6127.2
-12.5°	6662.7	6646.0	6610.7	6586.5	6556.7	6506.5	6422.9	6320.6	6199.7	6067.7	5909.6
-15°	6393.1	6361.5	6326.2	6305.7	6262.9	6203.4	6119.8	6024.9	5892.9	5762.7	5614.0
-17.5°	6067.7	6028.6	5989.6	5984.0	5954.3	5863.1	5785.0	5669.7	5554.5	5429.9	5284.8
-20°	5684.6	5630.7	5604.7	5589.8	5548.9	5481.9	5398.3	5292.3	5180.7	5061.7	4894.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5260.6	5214.2	5169.5	5141.6	5106.3	5054.2	4974.3	4881.3	4771.6	4637.7	4483.4
-25°	4779.0	4713.9	4686.0	4654.4	4635.8	4587.5	4509.4	4423.9	4310.4	4180.3	4033.3
-27.5°	4228.6	4176.5	4161.7	4117.0	4094.7	4044.5	3979.4	3899.5	3795.3	3672.6	3551.7
-30°	3620.5	3588.9	3564.7	3520.1	3503.4	3449.5	3406.7	3339.7	3244.9	3157.5	3060.8
-32.5°	2995.7	2964.1	2956.7	2936.2	2925.1	2889.7	2841.4	2793.0	2716.8	2651.7	2573.6
-35°	2441.6	2419.3	2421.1	2419.3	2408.1	2382.1	2322.6	2309.6	2253.8	2194.3	2144.1
-37.5°	1999.0	2000.9	1999.0	1997.1	1982.3	1971.1	1928.3	1911.6	1878.1	1820.5	1790.7
-40°	1666.1	1669.9	1668.0	1664.3	1647.6	1642.0	1614.1	1591.8	1578.8	1537.8	1506.2
-42.5°	1396.5	1402.1	1400.2	1398.4	1387.2	1385.4	1370.5	1344.4	1337.0	1312.8	1279.4
-45°	1192.0	1190.1	1186.4	1190.1	1184.5	1178.9	1169.7	1152.9	1143.6	1132.5	1104.6
-47.5°	1030.2	1032.0	1028.3	1028.3	1020.9	1015.3	1011.6	1000.4	993.0	983.7	967.0
-50°	896.3	903.7	901.9	900.0	894.4	890.7	890.7	879.6	868.4	864.7	853.5
-52.5°	792.2	797.7	799.6	803.3	805.2	807.0	801.5	790.3	771.7	769.9	764.3
-55°	697.3	714.1	725.2	732.7	740.1	745.7	734.5	719.6	701.0	693.6	691.7
-57.5°	632.2	649.0	662.0	673.2	682.5	691.7	680.6	665.7	649.0	639.7	637.8
-60°	572.7	587.6	600.6	615.5	628.5	643.4	637.8	626.7	617.4	609.9	602.5
-62.5°	509.5	524.4	539.3	557.9	574.6	589.5	591.3	589.5	587.6	589.5	576.5
-65°	457.4	464.9	474.2	494.6	513.2	530.0	539.3	544.8	554.1	563.4	550.4
-67.5°	401.7	411.0	422.1	437.0	451.9	463.0	476.0	490.9	505.8	520.7	511.4
-70°	351.5	358.9	368.2	375.6	384.9	392.4	403.5	420.3	437.0	451.9	448.1
-72.5°	299.4	306.8	312.4	316.1	321.7	325.4	331.0	345.9	357.0	364.5	364.5
-75°	247.3	254.8	260.3	262.2	265.9	267.8	271.5	277.1	282.7	284.5	286.4
-77.5°	189.7	197.1	202.7	206.4	210.1	213.8	215.7	219.4	221.3	221.3	223.1
-80°	141.3	146.9	150.6	156.2	158.1	161.8	165.5	167.4	169.2	169.2	171.1
-82.5°	100.4	104.1	107.9	111.6	115.3	117.2	120.9	122.7	124.6	126.4	128.3
-85°	66.9	70.7	74.4	78.1	80.0	81.8	83.7	85.5	87.4	89.3	91.1
-87.5°	39.1	40.9	42.8	46.5	48.3	52.1	53.9	52.1	53.9	53.9	53.9
-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):**

	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°	72.5	72.5	72.5	72.5	70.7	66.9	65.1	61.4	57.6	53.9	50.2
85°	150.6	152.5	152.5	152.5	148.8	146.9	141.3	135.7	128.3	117.2	107.9
82.5°	251.0	252.9	252.9	251.0	247.3	241.7	234.3	225.0	210.1	195.3	182.2
80°	377.5	379.3	379.3	377.5	368.2	358.9	349.6	338.4	319.8	299.4	277.1
77.5°	528.1	531.8	531.8	526.3	513.2	502.1	487.2	468.6	440.7	411.0	381.2
75°	702.9	712.2	714.1	708.5	691.7	671.3	647.1	615.5	572.7	535.5	500.2
72.5°	905.6	914.9	922.3	914.9	890.7	862.8	827.5	790.3	747.5	697.3	637.8
70°	1171.5	1180.8	1186.4	1162.2	1119.4	1073.0	1030.2	987.4	937.2	875.8	810.8
67.5°	1506.2	1496.9	1485.8	1437.4	1383.5	1327.7	1268.2	1205.0	1139.9	1074.8	998.6
65°	1827.9	1801.9	1777.7	1720.1	1651.3	1578.8	1509.9	1439.3	1361.2	1279.4	1206.8
62.5°	2166.4	2110.6	2051.1	1980.4	1909.7	1829.8	1761.0	1677.3	1589.9	1489.5	1396.5
60°	2499.2	2432.3	2372.8	2285.4	2192.4	2084.5	2010.2	1928.3	1826.1	1718.2	1608.5
57.5°	2820.9	2748.4	2683.3	2607.1	2506.7	2389.5	2307.7	2201.7	2093.8	1958.1	1846.5
55°	3163.1	3090.6	3038.5	2953.0	2843.2	2735.4	2646.1	2534.6	2383.9	2238.9	2101.3
52.5°	3555.4	3497.8	3442.0	3354.6	3222.6	3112.9	3014.3	2889.7	2731.7	2553.2	2387.7
50°	3994.3	3964.5	3905.0	3802.8	3652.1	3555.4	3425.3	3259.8	3090.6	2902.7	2696.3
47.5°	4576.3	4528.0	4444.3	4332.7	4206.3	4061.2	3886.4	3693.1	3453.2	3244.9	3025.5
45°	5271.8	5182.5	5074.7	4924.1	4767.9	4604.2	4412.7	4167.2	3845.5	3574.0	3343.5
42.5°	6024.9	5904.0	5757.1	5560.0	5357.3	5156.5	4950.1	4615.4	4213.7	3901.3	3641.0
40°	6811.5	6657.2	6473.1	6186.7	5961.7	5703.2	5467.1	4966.8	4539.1	4200.7	3923.6
37.5°	7581.4	7386.1	7077.4	6729.7	6467.5	6255.5	5736.7	5201.1	4818.1	4446.2	4165.4
35°	8170.8	8005.3	7460.5	7099.7	6874.7	6540.0	5891.0	5342.5	4937.1	4628.4	4191.4
32.5°	8520.4	8092.7	7614.8	7250.4	7064.4	6515.8	5902.2	5383.4	4992.9	4647.0	4124.5
30°	8442.3	7925.4	7507.0	7202.0	6798.5	6305.7	5798.1	5320.2	4940.8	4522.4	4050.1
27.5°	7971.9	7572.1	7198.3	6880.3	6484.2	6041.7	5573.0	5152.8	4799.5	4394.1	3947.8
25°	7440.0	7077.4	6800.3	6523.3	6147.6	5725.5	5312.7	5009.6	4654.4	4254.6	3813.9
22.5°	6951.0	6690.6	6473.1	6183.0	5816.6	5448.5	5191.8	4877.6	4513.1	4107.7	3676.3
20°	6638.6	6461.9	6212.7	5892.9	5604.7	5374.1	5089.6	4756.7	4381.1	3957.1	3559.2
17.5°	6487.9	6283.4	6006.3	5798.1	5576.8	5323.9	5005.9	4652.6	4252.8	3888.3	3572.2
15°	6409.8	6194.1	6011.9	5807.4	5558.2	5292.3	4938.9	4572.6	4252.8	3916.2	3581.5
12.5°	6426.6	6240.6	6041.7	5818.5	5550.7	5266.2	4946.4	4606.1	4275.1	3936.7	3583.3
10°	6478.6	6283.4	6071.4	5824.1	5554.5	5273.7	4966.8	4626.5	4286.2	3945.9	3579.6
7.5°	6497.2	6285.3	6058.4	5809.2	5545.2	5269.9	4970.6	4632.1	4288.1	3944.1	3568.5
5°	6439.6	6248.1	6028.6	5777.6	5519.1	5251.3	4955.7	4624.7	4273.2	3925.5	3540.6
2.5°	6361.5	6207.2	5997.0	5755.3	5493.1	5225.3	4931.5	4591.2	4239.8	3892.0	3505.2
0°	6348.5	6156.9	5945.0	5729.2	5450.3	5167.7	4875.7	4528.0	4178.4	3828.8	3443.9
-2.5°	6262.9	6060.2	5848.3	5614.0	5368.5	5084.0	4777.2	4436.9	4091.0	3747.0	3376.9
-5°	6197.9	5972.8	5747.8	5494.9	5247.6	4963.1	4645.1	4314.1	3975.7	3641.0	3284.0
-7.5°	6110.5	5879.9	5643.7	5379.7	5111.9	4821.8	4507.5	4176.5	3843.7	3510.8	3168.7
-10°	5933.8	5731.1	5509.8	5236.5	4953.8	4663.7	4351.3	4025.9	3693.1	3356.5	3012.5
-12.5°	5720.0	5506.1	5264.4	5013.3	4760.4	4490.8	4178.4	3858.6	3523.8	3185.4	2843.2
-15°	5442.9	5232.8	4985.4	4740.0	4496.4	4237.9	3962.7	3674.5	3334.2	3001.3	2659.1
-17.5°	5097.0	4899.9	4678.6	4444.3	4202.6	3942.2	3674.5	3430.9	3112.9	2800.5	2462.0
-20°	4725.1	4541.0	4342.0	4120.7	3879.0	3624.2	3371.4	3116.6	2841.4	2566.2	2251.9



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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°	4338.3	4152.4	3951.5	3745.1	3522.0	3285.8	3051.5	2807.9	2566.2	2317.0	2051.1
-25°	3892.0	3728.4	3544.3	3343.5	3144.5	2938.1	2714.9	2493.6	2287.2	2071.5	1854.0
-27.5°	3425.3	3274.7	3107.3	2932.5	2761.4	2588.5	2395.1	2190.5	2019.5	1840.9	1660.6
-30°	2934.4	2813.5	2677.7	2525.3	2393.2	2253.8	2092.0	1922.8	1766.6	1630.8	1485.8
-32.5°	2469.5	2367.2	2270.5	2170.1	2039.9	1932.1	1820.5	1695.9	1558.3	1430.0	1325.9
-35°	2069.7	1960.0	1919.0	1844.7	1751.7	1656.9	1575.0	1485.8	1381.6	1268.2	1182.7
-37.5°	1733.1	1668.0	1610.4	1569.5	1508.1	1431.8	1366.8	1301.7	1221.7	1136.2	1050.6
-40°	1470.9	1426.3	1363.0	1342.6	1303.5	1251.5	1184.5	1134.3	1080.4	1015.3	942.8
-42.5°	1260.8	1227.3	1186.4	1151.1	1134.3	1097.1	1045.1	996.7	953.9	909.3	853.5
-45°	1087.8	1065.5	1039.5	1007.9	994.9	965.1	927.9	874.0	849.8	812.6	771.7
-47.5°	948.4	937.2	918.6	898.2	879.6	857.2	823.8	790.3	756.8	732.7	701.0
-50°	838.7	831.2	820.1	803.3	779.1	764.3	742.0	712.2	680.6	660.1	637.8
-52.5°	751.3	743.8	736.4	723.4	704.8	689.9	671.3	647.1	621.1	600.6	582.0
-55°	684.3	673.2	667.6	656.4	641.5	624.8	608.1	591.3	569.0	550.4	531.8
-57.5°	632.2	617.4	609.9	600.6	585.8	569.0	556.0	539.3	524.4	503.9	487.2
-60°	591.3	574.6	559.7	550.4	537.4	520.7	507.7	494.6	479.8	463.0	442.6
-62.5°	557.9	537.4	517.0	505.8	492.8	477.9	464.9	451.9	437.0	420.3	401.7
-65°	526.3	502.1	476.0	464.9	451.9	437.0	420.3	411.0	397.9	383.1	364.5
-67.5°	487.2	461.2	438.9	425.8	412.8	399.8	384.9	375.6	362.6	344.0	325.4
-70°	429.6	412.8	397.9	386.8	375.6	364.5	349.6	334.7	319.8	303.1	286.4
-72.5°	357.0	351.5	349.6	344.0	331.0	318.0	303.1	288.2	275.2	262.2	249.2
-75°	288.2	291.9	295.7	293.8	280.8	267.8	254.8	241.7	232.4	221.3	210.1
-77.5°	228.7	232.4	236.2	236.2	226.9	219.4	210.1	200.8	193.4	184.1	172.9
-80°	176.7	182.2	187.8	191.5	184.1	178.5	171.1	163.6	156.2	148.8	141.3
-82.5°	133.9	139.5	145.0	148.8	143.2	139.5	133.9	128.3	122.7	115.3	109.7
-85°	96.7	100.4	104.1	106.0	102.3	98.6	94.8	91.1	87.4	81.8	78.1
-87.5°	55.8	57.6	59.5	61.4	57.6	53.9	52.1	48.3	46.5	42.8	40.9
-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°	46.5	42.8	39.1	37.2	33.5	27.9	24.2	20.5	16.7	13.0	11.2
85°	98.6	89.3	78.1	72.5	65.1	57.6	50.2	42.8	35.3	27.9	20.5
82.5°	169.2	158.1	146.9	133.9	117.2	96.7	76.2	63.2	52.1	40.9	31.6
80°	254.8	234.3	215.7	199.0	180.4	154.3	126.4	100.4	70.7	53.9	40.9
77.5°	353.3	329.1	303.1	275.2	245.5	210.1	178.5	145.0	109.7	74.4	52.1
75°	464.9	433.3	397.9	358.9	319.8	273.4	228.7	189.7	148.8	104.1	63.2
72.5°	589.5	550.4	507.7	455.6	394.2	340.3	286.4	234.3	186.0	132.0	85.5
70°	749.4	688.0	624.8	569.0	490.9	405.4	342.2	282.7	221.3	161.8	107.9
67.5°	920.5	846.1	769.9	688.0	589.5	489.1	397.9	331.0	258.5	189.7	128.3
65°	1106.4	1013.5	916.8	825.6	689.9	570.9	468.6	377.5	293.8	215.7	148.8
62.5°	1298.0	1188.2	1076.7	957.7	801.5	654.6	535.5	429.6	327.3	239.9	167.4
60°	1502.5	1374.2	1238.5	1089.7	907.5	745.7	598.8	483.5	362.6	264.1	187.8
57.5°	1718.2	1578.8	1418.8	1218.0	1017.2	833.1	671.3	531.8	394.2	286.4	202.7
55°	1952.5	1792.6	1617.8	1351.9	1125.0	920.5	743.8	580.2	427.7	305.0	217.6
52.5°	2205.4	2019.5	1798.2	1493.2	1238.5	1009.7	810.8	622.9	459.3	325.4	230.6
50°	2488.1	2253.8	1956.2	1623.4	1337.0	1093.4	877.7	669.4	485.3	347.7	241.7
47.5°	2781.9	2529.0	2097.6	1744.3	1437.4	1175.2	946.5	710.3	511.4	366.3	252.9
45°	3088.7	2720.5	2244.5	1852.1	1524.8	1249.6	998.6	747.5	543.0	383.1	262.2
42.5°	3391.8	2865.6	2372.8	1960.0	1606.6	1316.6	1041.3	782.9	569.0	399.8	271.5
40°	3535.0	2975.3	2475.1	2034.3	1675.4	1376.1	1078.5	814.5	591.3	411.0	280.8
37.5°	3594.5	3042.2	2542.0	2105.0	1729.4	1407.7	1110.1	842.4	609.9	422.1	288.2
35°	3607.5	3066.4	2575.5	2153.3	1774.0	1437.4	1134.3	862.8	624.8	433.3	295.7
32.5°	3583.3	3058.9	2584.8	2170.1	1801.9	1459.7	1151.1	877.7	636.0	444.4	303.1
30°	3529.4	3019.9	2551.3	2168.2	1822.4	1472.8	1162.2	888.9	647.1	451.9	306.8
27.5°	3442.0	2951.1	2508.5	2170.1	1833.5	1478.3	1167.8	894.4	654.6	457.4	314.3
25°	3334.2	2858.1	2510.4	2166.4	1835.4	1480.2	1167.8	894.4	656.4	459.3	319.8
22.5°	3209.6	2858.1	2510.4	2160.8	1824.2	1476.5	1162.2	890.7	656.4	463.0	325.4
20°	3217.0	2860.0	2504.8	2149.6	1807.5	1465.3	1149.2	881.4	650.8	468.6	329.1
17.5°	3222.6	2856.3	2493.6	2134.8	1785.2	1446.7	1132.5	868.4	650.8	474.2	331.0
15°	3222.6	2845.1	2476.9	2112.4	1757.3	1420.7	1108.3	857.2	652.7	476.0	334.7
12.5°	3217.0	2824.6	2450.9	2082.7	1723.8	1389.1	1093.4	853.5	652.7	477.9	334.7
10°	3205.9	2796.8	2417.4	2045.5	1692.2	1377.9	1086.0	846.1	649.0	477.9	334.7
7.5°	3185.4	2763.3	2389.5	2023.2	1673.6	1364.9	1074.8	834.9	643.4	474.2	338.4
5°	3153.8	2744.7	2367.2	1997.1	1647.6	1355.6	1067.4	825.6	639.7	474.2	334.7
2.5°	3112.9	2722.4	2341.2	1963.7	1617.8	1324.0	1043.2	805.2	626.7	466.7	331.0
0°	3045.9	2677.7	2296.5	1917.2	1576.9	1292.4	1019.0	784.7	613.6	459.3	327.3
-2.5°	2984.6	2618.2	2238.9	1868.8	1537.8	1264.5	1000.4	773.6	608.1	457.4	325.4
-5°	2899.0	2536.4	2162.6	1805.6	1485.8	1236.6	981.8	760.6	602.5	453.7	325.4
-7.5°	2804.2	2450.9	2082.7	1740.5	1433.7	1188.2	946.5	740.1	589.5	446.3	323.6
-10°	2657.3	2322.6	1982.3	1666.1	1377.9	1145.5	916.8	721.5	578.3	438.9	316.1
-12.5°	2501.1	2181.2	1867.0	1575.0	1314.7	1100.8	883.3	701.0	565.3	431.4	312.4
-15°	2335.6	2036.2	1746.1	1480.2	1245.9	1046.9	848.0	678.7	552.3	422.1	306.8
-17.5°	2162.6	1883.7	1621.5	1383.5	1177.1	991.1	810.8	658.3	537.4	412.8	301.2
-20°	1980.4	1727.5	1495.1	1284.9	1104.6	935.3	771.7	634.1	520.7	401.7	293.8



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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°	1800.0	1573.2	1364.9	1188.2	1030.2	877.7	732.7	609.9	502.1	388.6	288.2
-25°	1640.1	1428.1	1249.6	1095.3	957.7	821.9	691.7	585.8	481.6	375.6	280.8
-27.5°	1483.9	1303.5	1136.2	1007.9	887.0	768.0	652.7	559.7	461.2	360.8	273.4
-30°	1338.9	1184.5	1046.9	922.3	820.1	719.6	619.2	533.7	438.9	345.9	264.1
-32.5°	1206.8	1082.3	967.0	848.0	756.8	671.3	587.6	507.7	416.5	331.0	254.8
-35°	1084.1	987.4	887.0	786.6	693.6	626.7	554.1	479.8	396.1	314.3	245.5
-37.5°	974.4	896.3	816.3	730.8	650.8	583.9	522.5	451.9	375.6	299.4	236.2
-40°	879.6	816.3	745.7	676.9	609.9	546.7	490.9	424.0	355.2	288.2	226.9
-42.5°	792.2	743.8	686.2	628.5	569.0	513.2	459.3	394.2	334.7	275.2	217.6
-45°	725.2	676.9	630.4	578.3	528.1	479.8	425.8	368.2	316.1	260.3	208.3
-47.5°	662.0	619.2	576.5	533.7	492.8	448.1	394.2	345.9	295.7	247.3	200.8
-50°	606.2	565.3	528.1	490.9	455.6	412.8	362.6	323.6	278.9	234.3	191.5
-52.5°	554.1	518.8	481.6	451.9	422.1	379.3	338.4	301.2	262.2	219.4	182.2
-55°	507.7	474.2	440.7	412.8	384.9	347.7	314.3	282.7	245.5	208.3	172.9
-57.5°	463.0	435.1	403.5	377.5	349.6	319.8	291.9	262.2	228.7	197.1	163.6
-60°	422.1	396.1	368.2	342.2	318.0	293.8	267.8	243.6	213.8	184.1	154.3
-62.5°	381.2	358.9	334.7	308.7	290.1	267.8	247.3	223.1	199.0	172.9	137.6
-65°	344.0	323.6	301.2	278.9	262.2	245.5	226.9	204.5	184.1	159.9	122.7
-67.5°	306.8	288.2	269.6	251.0	236.2	223.1	204.5	187.8	171.1	145.0	107.9
-70°	271.5	256.6	239.9	225.0	213.8	199.0	186.0	171.1	156.2	126.4	91.1
-72.5°	238.0	223.1	210.1	199.0	189.7	176.7	165.5	154.3	133.9	106.0	76.2
-75°	199.0	189.7	182.2	172.9	163.6	154.3	145.0	132.0	111.6	85.5	59.5
-77.5°	163.6	158.1	152.5	145.0	137.6	130.2	119.0	106.0	89.3	66.9	48.3
-80°	133.9	128.3	124.6	117.2	111.6	104.1	93.0	81.8	65.1	52.1	39.1
-82.5°	102.3	98.6	94.8	91.1	85.5	78.1	66.9	57.6	48.3	39.1	29.8
-85°	72.5	70.7	66.9	63.2	57.6	52.1	44.6	39.1	33.5	26.0	20.5
-87.5°	37.2	35.3	33.5	31.6	29.8	26.0	22.3	18.6	16.7	13.0	9.3
-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°	7.4	5.6	1.9	0.0
85°	14.9	9.3	3.7	0.0
82.5°	22.3	14.9	5.6	0.0
80°	29.8	18.6	9.3	0.0
77.5°	37.2	22.3	11.2	0.0
75°	44.6	27.9	13.0	0.0
72.5°	50.2	31.6	14.9	0.0
70°	59.5	37.2	16.7	0.0
67.5°	74.4	40.9	18.6	0.0
65°	87.4	44.6	20.5	0.0
62.5°	102.3	48.3	22.3	0.0
60°	115.3	52.1	24.2	0.0
57.5°	128.3	61.4	26.0	0.0
55°	139.5	68.8	27.9	0.0
52.5°	152.5	76.2	29.8	0.0
50°	163.6	83.7	31.6	0.0
47.5°	172.9	91.1	31.6	0.0
45°	180.4	96.7	33.5	0.0
42.5°	186.0	102.3	35.3	0.0
40°	191.5	107.9	37.2	0.0
37.5°	197.1	113.4	37.2	0.0
35°	202.7	119.0	39.1	0.0
32.5°	208.3	124.6	39.1	0.0
30°	212.0	128.3	40.9	0.0
27.5°	217.6	132.0	40.9	0.0
25°	219.4	135.7	42.8	0.0
22.5°	223.1	137.6	42.8	0.0
20°	226.9	141.3	42.8	0.0
17.5°	228.7	143.2	44.6	0.0
15°	228.7	145.0	46.5	0.0
12.5°	230.6	146.9	46.5	0.0
10°	230.6	150.6	44.6	0.0
7.5°	234.3	148.8	44.6	0.0
5°	232.4	148.8	44.6	0.0
2.5°	230.6	146.9	44.6	0.0
0°	228.7	146.9	44.6	0.0
-2.5°	228.7	146.9	44.6	0.0
-5°	228.7	146.9	44.6	0.0
-7.5°	226.9	148.8	44.6	0.0
-10°	223.1	148.8	44.6	0.0
-12.5°	221.3	143.2	44.6	0.0
-15°	219.4	141.3	44.6	0.0
-17.5°	215.7	139.5	42.8	0.0
-20°	212.0	137.6	42.8	0.0



REPORT NUMBER: P721967  
 CATALOG NUMBER: IFLD-S-SA3D-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	208.3	133.9	42.8	0.0
-25°	204.5	130.2	40.9	0.0
-27.5°	200.8	126.4	40.9	0.0
-30°	195.3	122.7	39.1	0.0
-32.5°	189.7	119.0	39.1	0.0
-35°	186.0	113.4	37.2	0.0
-37.5°	180.4	107.9	37.2	0.0
-40°	174.8	102.3	35.3	0.0
-42.5°	169.2	96.7	33.5	0.0
-45°	161.8	91.1	33.5	0.0
-47.5°	156.2	85.5	31.6	0.0
-50°	146.9	78.1	29.8	0.0
-52.5°	135.7	70.7	27.9	0.0
-55°	124.6	65.1	26.0	0.0
-57.5°	113.4	57.6	26.0	0.0
-60°	102.3	50.2	24.2	0.0
-62.5°	91.1	46.5	22.3	0.0
-65°	80.0	42.8	20.5	0.0
-67.5°	66.9	37.2	18.6	0.0
-70°	55.8	33.5	16.7	0.0
-72.5°	48.3	29.8	14.9	0.0
-75°	40.9	26.0	13.0	0.0
-77.5°	35.3	22.3	11.2	0.0
-80°	27.9	16.7	7.4	0.0
-82.5°	20.5	13.0	5.6	0.0
-85°	13.0	9.3	3.7	0.0
-87.5°	7.4	3.7	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)