

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: P722267

Luminaire Tested: **IFLD-M-SA4D-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722267  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3000K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

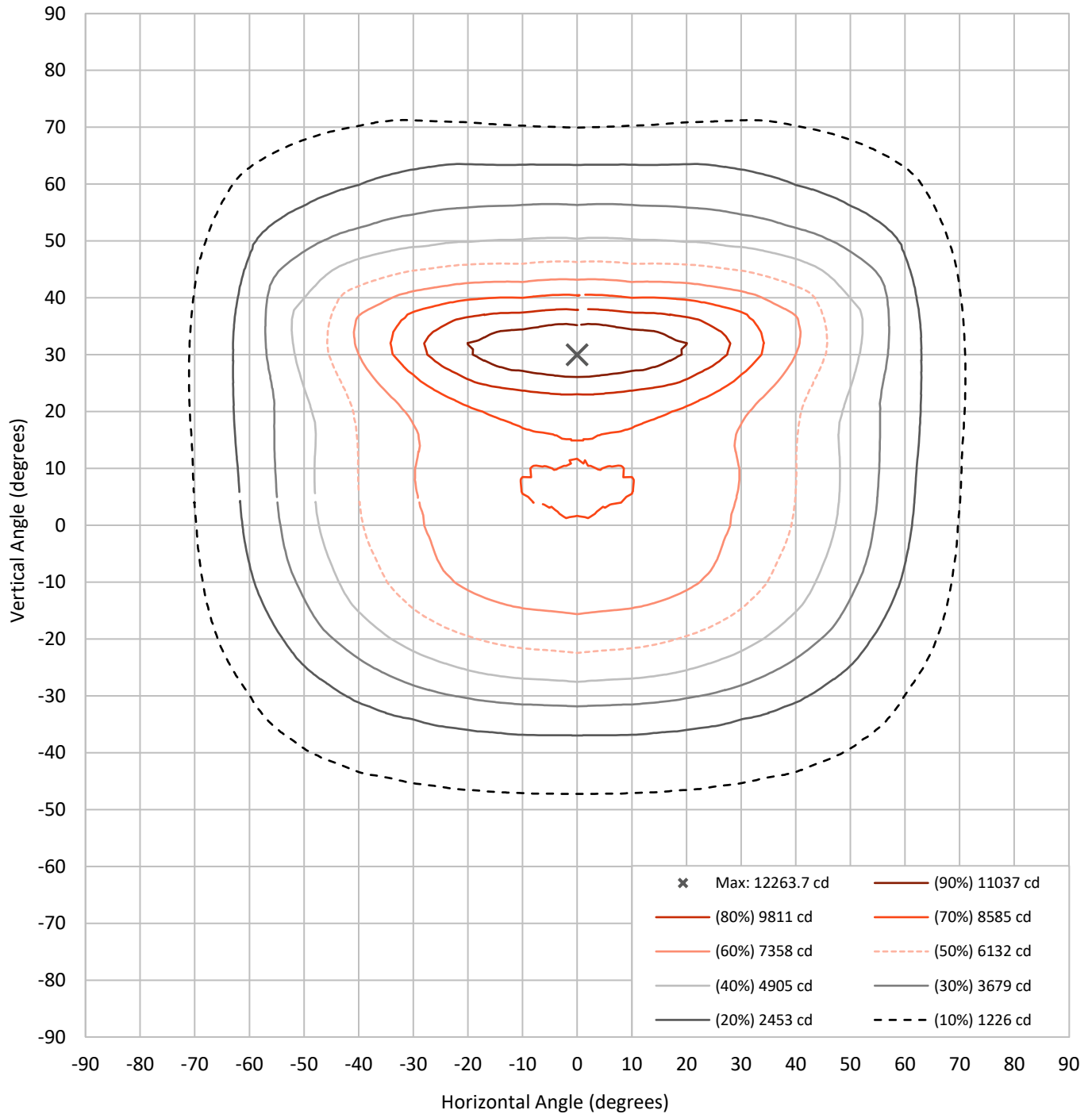
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20471.2 lumens	Max Intensity:	12263.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11904.2 lumens	Field Lumens:	19184.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 249.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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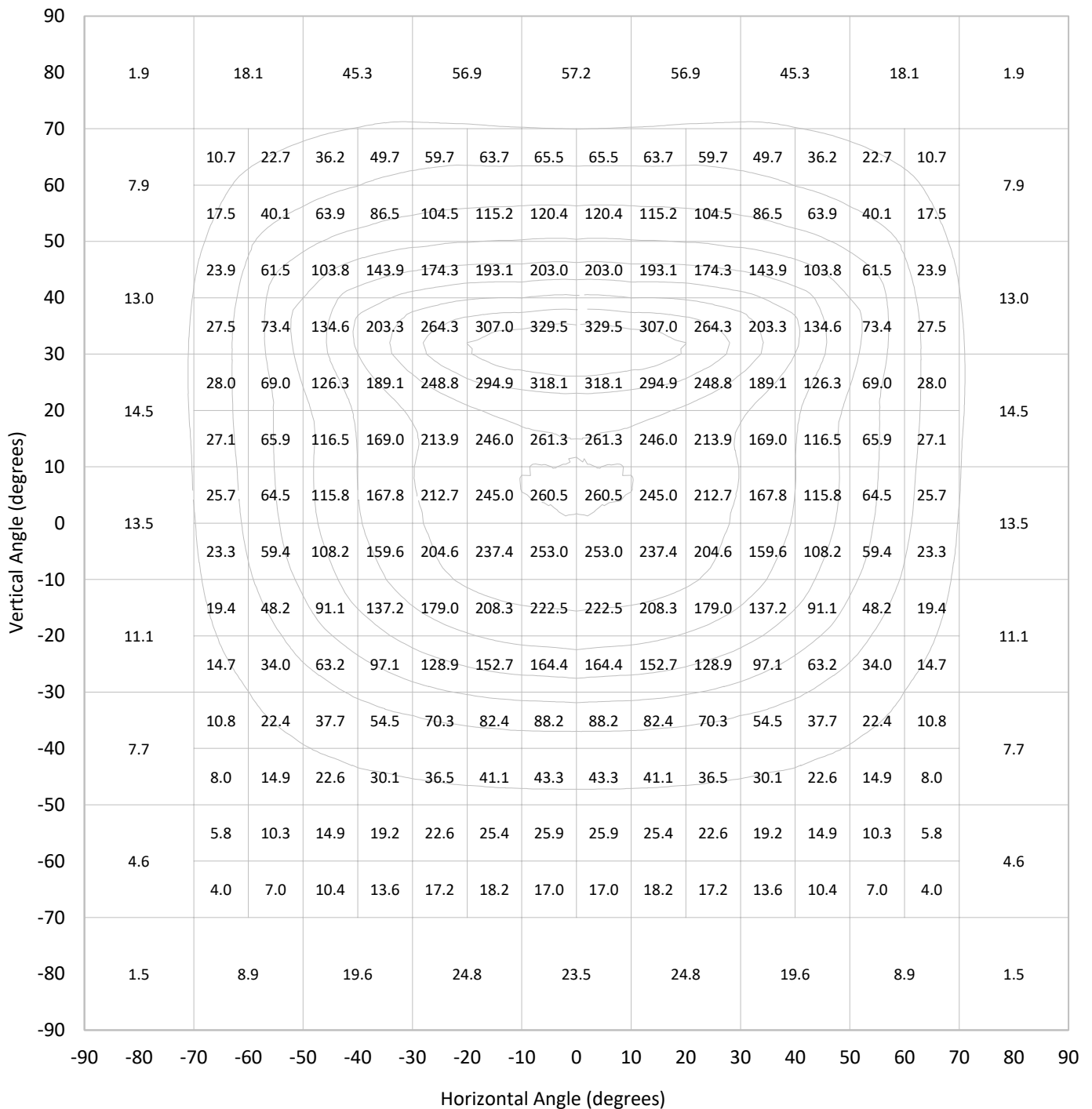
### Iso-Candela Plot





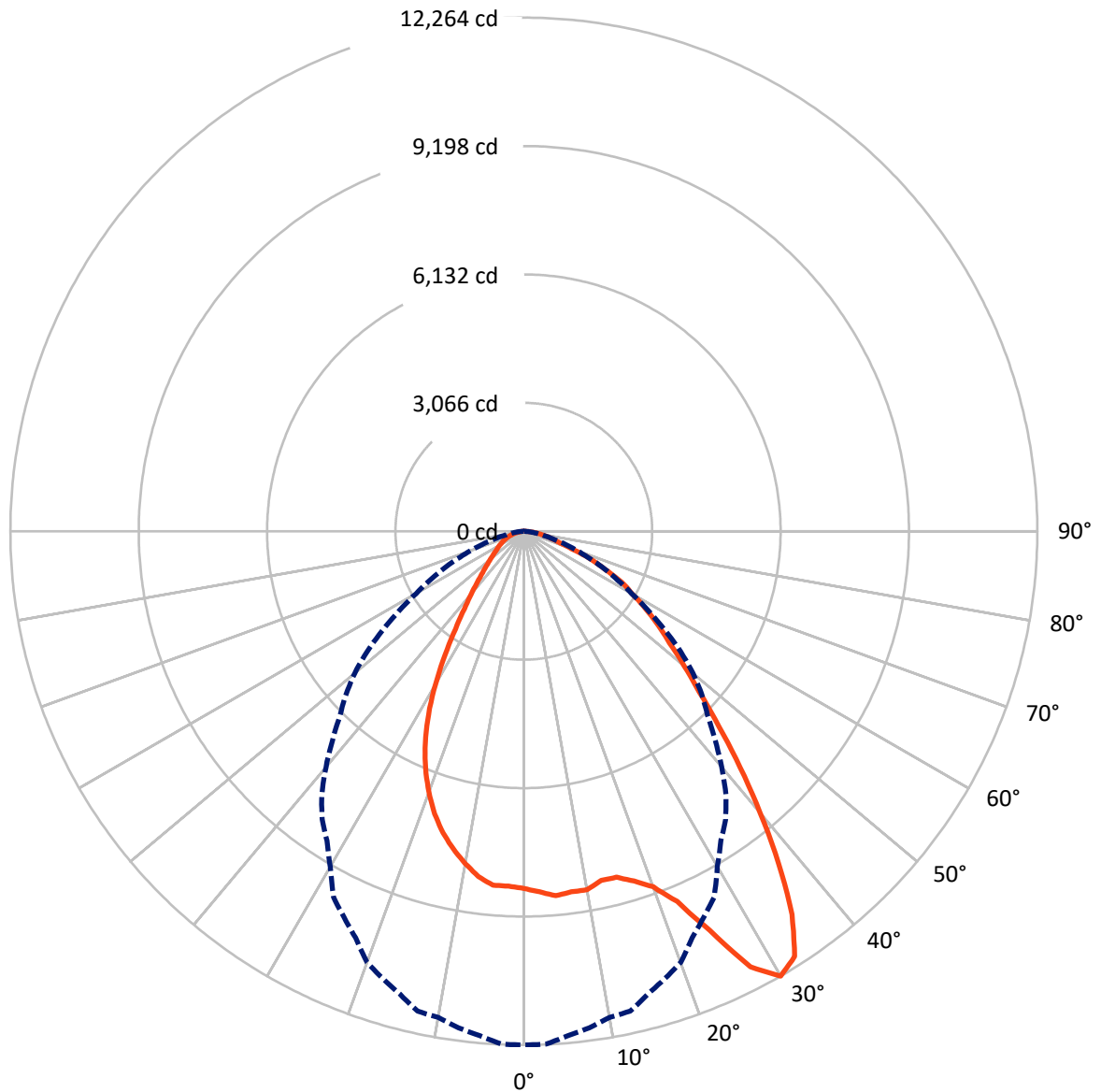
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### Lumen Table



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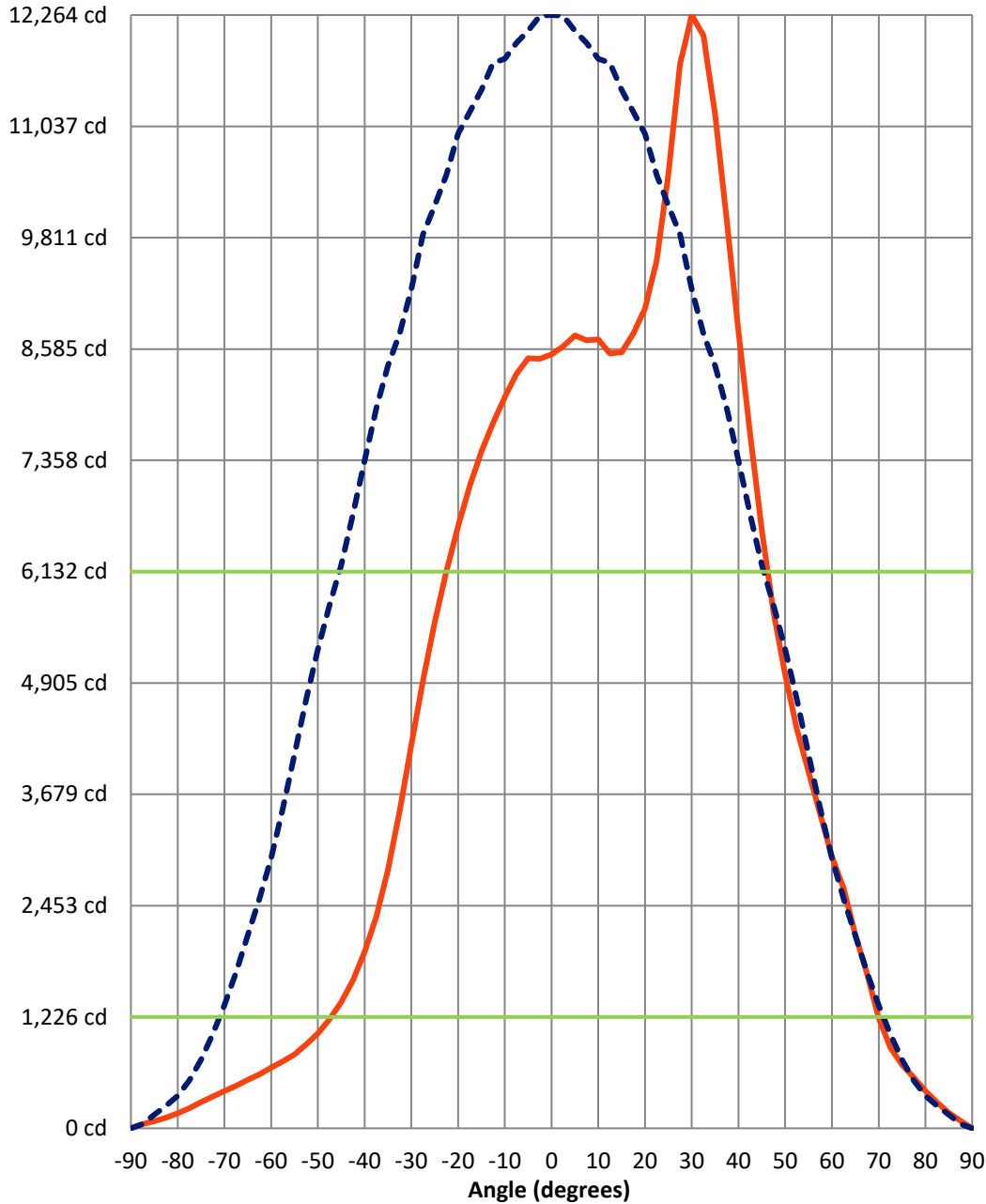
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 11904.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 19184.2  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1287  
 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°	82.4	84.6	86.7	86.7	84.6	84.6	84.6	82.4	84.6	84.6	84.6
85°	171.3	175.7	180.0	177.8	175.7	171.3	167.0	169.2	171.3	173.5	173.5
82.5°	284.1	290.6	294.9	292.8	288.4	284.1	279.8	281.9	286.3	288.4	288.4
80°	412.0	414.2	416.4	420.7	414.2	414.2	412.0	420.7	425.1	429.4	433.7
77.5°	559.5	561.7	561.7	563.8	566.0	568.2	568.2	583.4	594.2	600.7	607.2
75°	698.3	704.8	711.3	717.8	726.5	730.8	737.3	759.0	776.4	789.4	802.4
72.5°	889.1	897.8	908.7	923.8	939.0	949.9	965.0	991.1	1010.6	1023.6	1038.8
70°	1216.6	1225.3	1236.1	1247.0	1262.2	1273.0	1288.2	1320.7	1340.2	1348.9	1357.6
67.5°	1702.4	1724.1	1743.6	1721.9	1711.1	1695.9	1700.2	1730.6	1750.1	1763.1	1760.9
65°	2133.9	2149.1	2149.1	2147.0	2138.3	2118.8	2129.6	2166.5	2188.2	2199.0	2166.5
62.5°	2641.4	2641.4	2630.6	2647.9	2650.1	2637.1	2630.6	2632.7	2634.9	2641.4	2587.2
60°	2992.7	3014.4	3020.9	3036.1	3040.4	3040.4	3051.3	3060.0	3060.0	3047.0	2984.1
57.5°	3456.8	3498.0	3506.7	3495.9	3474.2	3446.0	3441.6	3428.6	3402.6	3376.6	3346.2
55°	3925.3	3946.9	3944.8	3938.3	3916.6	3884.0	3888.4	3871.0	3829.8	3797.3	3756.1
52.5°	4395.8	4447.9	4456.6	4443.6	4413.2	4378.5	4380.7	4361.2	4319.9	4285.2	4228.9
50°	4996.6	5039.9	5035.6	5013.9	4970.5	4944.5	4946.7	4909.8	4862.1	4851.3	4777.5
47.5°	5684.0	5733.9	5725.2	5694.9	5636.3	5625.5	5636.3	5588.6	5560.4	5536.6	5449.8
45°	6586.2	6644.7	6612.2	6553.7	6460.4	6471.2	6486.4	6477.8	6417.0	6354.1	6243.5
42.5°	7644.5	7681.4	7642.3	7583.8	7466.7	7488.3	7479.7	7427.6	7390.8	7286.7	7145.7
40°	8776.5	8856.8	8796.0	8705.0	8583.5	8616.0	8592.2	8525.0	8438.2	8308.1	8130.3
37.5°	9997.5	10060.4	9991.0	9884.7	9776.3	9765.4	9717.7	9613.6	9490.0	9346.9	9062.8
35°	11166.4	11329.0	11201.1	11031.9	10899.6	10849.7	10804.2	10563.5	10422.5	10190.5	9802.3
32.5°	12036.0	12155.3	11997.0	11821.3	11660.8	11591.4	11430.9	11144.7	11068.8	10580.8	10225.2
30°	12263.7	12255.0	12090.2	11955.8	11782.3	11734.6	11439.6	11196.7	10953.8	10502.8	10164.5
27.5°	11721.5	11667.3	11509.0	11391.9	11220.6	11164.2	10873.6	10743.5	10368.3	9986.6	9700.4
25°	10513.6	10541.8	10422.5	10364.0	10251.2	10129.8	10014.8	9839.2	9604.9	9271.0	9008.6
22.5°	9561.6	9598.4	9548.6	9479.2	9392.4	9325.2	9238.4	9101.8	8876.3	8670.3	8423.0
20°	9032.4	9021.6	8978.2	8926.2	8843.7	8796.0	8700.6	8585.7	8412.2	8234.4	7967.6
17.5°	8754.8	8687.6	8646.4	8626.9	8583.5	8522.8	8410.0	8292.9	8158.5	7956.8	7761.6
15°	8548.8	8559.7	8527.1	8511.9	8477.2	8392.7	8277.7	8182.3	8000.1	7898.2	7720.4
12.5°	8535.8	8525.0	8527.1	8520.6	8477.2	8368.8	8310.3	8188.8	8071.7	7937.3	7733.4
10°	8689.8	8574.8	8583.5	8613.9	8544.5	8457.7	8394.8	8262.5	8151.9	7980.6	7778.9
7.5°	8681.1	8622.5	8639.9	8590.0	8611.7	8505.4	8418.7	8286.4	8147.6	7965.4	7783.3
5°	8733.1	8644.2	8629.0	8633.4	8579.2	8498.9	8381.8	8256.0	8125.9	7922.1	7735.6
2.5°	8613.9	8626.9	8557.5	8531.5	8525.0	8390.5	8282.1	8160.6	8026.2	7846.2	7679.2
0°	8525.0	8548.8	8477.2	8440.4	8438.2	8323.3	8253.9	8115.1	8019.7	7870.0	7668.3
-2.5°	8477.2	8505.4	8514.1	8446.9	8381.8	8292.9	8175.8	8026.2	7870.0	7696.5	7523.0
-5°	8481.6	8425.2	8401.3	8423.0	8366.6	8277.7	8147.6	8015.3	7861.3	7674.8	7458.0
-7.5°	8310.3	8253.9	8249.5	8238.7	8225.7	8141.1	8032.7	7889.5	7733.4	7559.9	7358.2
-10°	8054.4	8013.2	8002.3	7991.5	7956.8	7906.9	7805.0	7674.8	7533.9	7360.4	7145.7
-12.5°	7770.3	7750.7	7709.5	7681.4	7646.7	7588.1	7490.5	7371.2	7230.3	7076.3	6892.0
-15°	7455.8	7418.9	7377.7	7353.9	7304.0	7234.6	7137.0	7026.4	6872.4	6720.6	6547.1
-17.5°	7076.3	7030.8	6985.2	6978.7	6944.0	6837.7	6746.7	6612.2	6477.8	6332.5	6163.3
-20°	6629.6	6566.7	6536.3	6519.0	6471.2	6393.2	6295.6	6172.0	6041.9	5903.1	5707.9



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6135.1	6080.9	6028.8	5996.3	5955.1	5894.4	5801.1	5692.7	5564.8	5408.6	5228.6
-25°	5573.4	5497.5	5465.0	5428.1	5406.4	5350.1	5259.0	5159.2	5026.9	4875.1	4703.8
-27.5°	4931.5	4870.8	4853.4	4801.4	4775.4	4716.8	4640.9	4547.7	4426.2	4283.1	4142.1
-30°	4222.4	4185.5	4157.3	4105.3	4085.7	4022.8	3973.0	3894.9	3784.3	3682.4	3569.6
-32.5°	3493.7	3456.8	3448.2	3424.3	3411.3	3370.1	3313.7	3257.3	3168.4	3092.5	3001.4
-35°	2847.4	2821.4	2823.6	2821.4	2808.4	2778.0	2708.6	2693.5	2628.4	2559.0	2500.5
-37.5°	2331.3	2333.5	2331.3	2329.1	2311.8	2298.8	2248.9	2229.4	2190.3	2123.1	2088.4
-40°	1943.1	1947.4	1945.3	1940.9	1921.4	1914.9	1882.4	1856.4	1841.2	1793.5	1756.6
-42.5°	1628.7	1635.2	1633.0	1630.8	1617.8	1615.6	1598.3	1567.9	1559.3	1531.1	1492.0
-45°	1390.1	1387.9	1383.6	1387.9	1381.4	1374.9	1364.1	1344.6	1333.7	1320.7	1288.2
-47.5°	1201.4	1203.6	1199.3	1199.3	1190.6	1184.1	1179.7	1166.7	1158.1	1147.2	1127.7
-50°	1045.3	1054.0	1051.8	1049.6	1043.1	1038.8	1038.8	1025.8	1012.8	1008.4	995.4
-52.5°	923.8	930.3	932.5	936.9	939.0	941.2	934.7	921.7	900.0	897.8	891.3
-55°	813.2	832.8	845.8	854.4	863.1	869.6	856.6	839.3	817.6	808.9	806.7
-57.5°	737.3	756.9	772.0	785.1	795.9	806.7	793.7	776.4	756.9	746.0	743.8
-60°	667.9	685.3	700.5	717.8	733.0	750.4	743.8	730.8	720.0	711.3	702.6
-62.5°	594.2	611.6	628.9	650.6	670.1	687.5	689.6	687.5	685.3	687.5	672.3
-65°	533.5	542.2	553.0	576.9	598.5	618.1	628.9	635.4	646.3	657.1	641.9
-67.5°	468.4	479.3	492.3	509.6	527.0	540.0	555.2	572.5	589.9	607.2	596.4
-70°	409.9	418.5	429.4	438.1	448.9	457.6	470.6	490.1	509.6	527.0	522.6
-72.5°	349.2	357.8	364.3	368.7	375.2	379.5	386.0	403.4	416.4	425.1	425.1
-75°	288.4	297.1	303.6	305.8	310.1	312.3	316.6	323.1	329.6	331.8	334.0
-77.5°	221.2	229.9	236.4	240.7	245.1	249.4	251.6	255.9	258.1	258.1	260.2
-80°	164.8	171.3	175.7	182.2	184.3	188.7	193.0	195.2	197.3	197.3	199.5
-82.5°	117.1	121.4	125.8	130.1	134.5	136.6	141.0	143.1	145.3	147.5	149.6
-85°	78.1	82.4	86.7	91.1	93.3	95.4	97.6	99.8	101.9	104.1	106.3
-87.5°	45.5	47.7	49.9	54.2	56.4	60.7	62.9	60.7	62.9	62.9	62.9
-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°	84.6	84.6	84.6	84.6	82.4	78.1	75.9	71.6	67.2	62.9	58.6
85°	175.7	177.8	177.8	177.8	173.5	171.3	164.8	158.3	149.6	136.6	125.8
82.5°	292.8	294.9	294.9	292.8	288.4	281.9	273.2	262.4	245.1	227.7	212.5
80°	440.2	442.4	442.4	440.2	429.4	418.5	407.7	394.7	373.0	349.2	323.1
77.5°	615.9	620.2	620.2	613.7	598.5	585.5	568.2	546.5	514.0	479.3	444.6
75°	819.7	830.6	832.8	826.3	806.7	782.9	754.7	717.8	667.9	624.6	583.4
72.5°	1056.1	1067.0	1075.6	1067.0	1038.8	1006.3	965.0	921.7	871.8	813.2	743.8
70°	1366.2	1377.1	1383.6	1355.4	1305.5	1251.3	1201.4	1151.6	1093.0	1021.4	945.5
67.5°	1756.6	1745.8	1732.7	1676.4	1613.5	1548.4	1479.0	1405.3	1329.4	1253.5	1164.6
65°	2131.8	2101.4	2073.2	2006.0	1925.8	1841.2	1760.9	1678.5	1587.5	1492.0	1407.5
62.5°	2526.5	2461.4	2392.0	2309.6	2227.2	2133.9	2053.7	1956.1	1854.2	1737.1	1628.7
60°	2914.7	2836.6	2767.2	2665.3	2556.8	2431.1	2344.3	2248.9	2129.6	2003.8	1875.9
57.5°	3289.8	3205.3	3129.4	3040.4	2923.3	2786.7	2691.3	2567.7	2441.9	2283.6	2153.5
55°	3688.9	3604.3	3543.6	3443.8	3315.9	3190.1	3086.0	2955.9	2780.2	2611.1	2450.6
52.5°	4146.5	4079.2	4014.2	3912.2	3758.3	3630.3	3515.4	3370.1	3185.7	2977.6	2784.5
50°	4658.3	4623.6	4554.2	4434.9	4259.2	4146.5	3994.6	3801.6	3604.3	3385.3	3144.5
47.5°	5337.0	5280.7	5183.1	5052.9	4905.5	4736.3	4532.5	4306.9	4027.2	3784.3	3528.4
45°	6148.1	6044.0	5918.2	5742.6	5560.4	5369.6	5146.2	4859.9	4484.8	4168.1	3899.2
42.5°	7026.4	6885.5	6714.1	6484.3	6247.9	6013.7	5772.9	5382.6	4914.2	4549.8	4246.2
40°	7943.8	7763.8	7549.1	7215.1	6952.7	6651.2	6375.8	5792.5	5293.7	4899.0	4575.8
37.5°	8841.6	8613.9	8253.9	7848.3	7542.6	7295.3	6690.3	6065.7	5619.0	5185.2	4857.8
35°	9529.0	9336.0	8700.6	8279.9	8017.5	7627.1	6870.3	6230.5	5757.8	5397.8	4888.1
32.5°	9936.7	9438.0	8880.6	8455.6	8238.7	7598.9	6883.3	6278.2	5822.8	5419.5	4810.1
30°	9845.7	9242.8	8754.8	8399.2	7928.6	7353.9	6761.8	6204.5	5762.1	5274.2	4723.3
27.5°	9297.0	8830.7	8394.8	8024.0	7562.1	7045.9	6499.4	6009.3	5597.3	5124.5	4604.0
25°	8676.8	8253.9	7930.7	7607.6	7169.5	6677.3	6195.8	5842.3	5428.1	4961.9	4447.9
22.5°	8106.4	7802.8	7549.1	7210.8	6783.5	6354.1	6054.9	5688.4	5263.3	4790.5	4287.4
20°	7742.1	7536.1	7245.5	6872.4	6536.3	6267.4	5935.6	5547.4	5109.3	4614.9	4150.8
17.5°	7566.4	7327.9	7004.7	6761.8	6503.8	6208.8	5838.0	5426.0	4959.7	4534.6	4166.0
15°	7475.3	7223.8	7011.2	6772.7	6482.1	6172.0	5759.9	5332.7	4959.7	4567.2	4176.8
12.5°	7494.8	7278.0	7045.9	6785.7	6473.4	6141.6	5768.6	5371.7	4985.7	4591.0	4179.0
10°	7555.6	7327.9	7080.6	6792.2	6477.8	6150.3	5792.5	5395.6	4998.7	4601.9	4174.6
7.5°	7577.3	7330.0	7065.5	6774.9	6466.9	6145.9	5796.8	5402.1	5000.9	4599.7	4161.6
5°	7510.0	7286.7	7030.8	6738.0	6436.5	6124.3	5779.4	5393.4	4983.6	4578.0	4129.1
2.5°	7418.9	7238.9	6993.9	6712.0	6406.2	6093.9	5751.3	5354.4	4944.5	4539.0	4087.9
0°	7403.8	7180.4	6933.2	6681.6	6356.3	6026.7	5686.2	5280.7	4873.0	4465.2	4016.3
-2.5°	7304.0	7067.6	6820.4	6547.1	6260.9	5929.1	5571.3	5174.4	4771.0	4369.8	3938.3
-5°	7228.1	6965.7	6703.3	6408.4	6119.9	5788.1	5417.3	5031.3	4636.6	4246.2	3829.8
-7.5°	7126.2	6857.3	6581.8	6273.9	5961.6	5623.3	5256.8	4870.8	4482.6	4094.4	3695.4
-10°	6920.2	6683.8	6425.7	6106.9	5777.3	5439.0	5074.6	4695.1	4306.9	3914.4	3513.2
-12.5°	6670.8	6421.4	6139.4	5846.7	5551.7	5237.3	4873.0	4499.9	4109.6	3714.9	3315.9
-15°	6347.6	6102.6	5814.1	5527.9	5243.8	4942.3	4621.4	4285.2	3888.4	3500.2	3101.2
-17.5°	5944.3	5714.4	5456.3	5183.1	4901.1	4597.5	4285.2	4001.2	3630.3	3266.0	2871.3
-20°	5510.5	5295.8	5063.8	4805.7	4523.8	4226.7	3931.8	3634.7	3313.7	2992.7	2626.2



REPORT NUMBER: P722267  
 CATALOG NUMBER: IFLD-M-SA4D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5059.5	4842.6	4608.4	4367.7	4107.4	3832.0	3558.8	3274.7	2992.7	2702.1	2392.0
-25°	4539.0	4348.1	4133.4	3899.2	3667.2	3426.5	3166.2	2908.2	2667.4	2415.9	2162.1
-27.5°	3994.6	3819.0	3623.8	3420.0	3220.4	3018.8	2793.2	2554.7	2355.2	2147.0	1936.6
-30°	3422.1	3281.2	3122.9	2945.0	2791.0	2628.4	2439.7	2242.4	2060.2	1901.9	1732.7
-32.5°	2880.0	2760.7	2647.9	2530.8	2379.0	2253.2	2123.1	1977.8	1817.3	1667.7	1546.2
-35°	2413.7	2285.8	2238.0	2151.3	2042.9	1932.3	1836.8	1732.7	1611.3	1479.0	1379.3
-37.5°	2021.2	1945.3	1878.0	1830.3	1758.8	1669.9	1594.0	1518.1	1424.8	1325.0	1225.3
-40°	1715.4	1663.4	1589.6	1565.8	1520.2	1459.5	1381.4	1322.9	1260.0	1184.1	1099.5
-42.5°	1470.3	1431.3	1383.6	1342.4	1322.9	1279.5	1218.8	1162.4	1112.5	1060.5	995.4
-45°	1268.7	1242.6	1212.3	1175.4	1160.2	1125.5	1082.2	1019.3	991.1	947.7	900.0
-47.5°	1106.0	1093.0	1071.3	1047.5	1025.8	999.7	960.7	921.7	882.6	854.4	817.6
-50°	978.1	969.4	956.4	936.9	908.7	891.3	865.3	830.6	793.7	769.9	743.8
-52.5°	876.1	867.5	858.8	843.6	821.9	804.6	782.9	754.7	724.3	700.5	678.8
-55°	798.1	785.1	778.5	765.5	748.2	728.7	709.1	689.6	663.6	641.9	620.2
-57.5°	737.3	720.0	711.3	700.5	683.1	663.6	648.4	628.9	611.6	587.7	568.2
-60°	689.6	670.1	652.8	641.9	626.7	607.2	592.0	576.9	559.5	540.0	516.1
-62.5°	650.6	626.7	602.9	589.9	574.7	557.3	542.2	527.0	509.6	490.1	468.4
-65°	613.7	585.5	555.2	542.2	527.0	509.6	490.1	479.3	464.1	446.7	425.1
-67.5°	568.2	537.8	511.8	496.6	481.4	466.3	448.9	438.1	422.9	401.2	379.5
-70°	501.0	481.4	464.1	451.1	438.1	425.1	407.7	390.4	373.0	353.5	334.0
-72.5°	416.4	409.9	407.7	401.2	386.0	370.8	353.5	336.1	321.0	305.8	290.6
-75°	336.1	340.5	344.8	342.6	327.5	312.3	297.1	281.9	271.1	258.1	245.1
-77.5°	266.7	271.1	275.4	275.4	264.6	255.9	245.1	234.2	225.5	214.7	201.7
-80°	206.0	212.5	219.0	223.4	214.7	208.2	199.5	190.8	182.2	173.5	164.8
-82.5°	156.1	162.6	169.2	173.5	167.0	162.6	156.1	149.6	143.1	134.5	128.0
-85°	112.8	117.1	121.4	123.6	119.3	114.9	110.6	106.3	101.9	95.4	91.1
-87.5°	65.1	67.2	69.4	71.6	67.2	62.9	60.7	56.4	54.2	49.9	47.7
-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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 CATALOG NUMBER: IFLD-M-SA4D-930-U-76

**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°	54.2	49.9	45.5	43.4	39.0	32.5	28.2	23.9	19.5	15.2	13.0
85°	114.9	104.1	91.1	84.6	75.9	67.2	58.6	49.9	41.2	32.5	23.9
82.5°	197.3	184.3	171.3	156.1	136.6	112.8	88.9	73.7	60.7	47.7	36.9
80°	297.1	273.2	251.6	232.0	210.4	180.0	147.5	117.1	82.4	62.9	47.7
77.5°	412.0	383.9	353.5	321.0	286.3	245.1	208.2	169.2	128.0	86.7	60.7
75°	542.2	505.3	464.1	418.5	373.0	318.8	266.7	221.2	173.5	121.4	73.7
72.5°	687.5	641.9	592.0	531.3	459.8	396.9	334.0	273.2	216.9	154.0	99.8
70°	874.0	802.4	728.7	663.6	572.5	472.8	399.0	329.6	258.1	188.7	125.8
67.5°	1073.5	986.7	897.8	802.4	687.5	570.4	464.1	386.0	301.4	221.2	149.6
65°	1290.3	1181.9	1069.1	962.9	804.6	665.8	546.5	440.2	342.6	251.6	173.5
62.5°	1513.7	1385.8	1255.6	1116.9	934.7	763.4	624.6	501.0	381.7	279.8	195.2
60°	1752.3	1602.6	1444.3	1270.8	1058.3	869.6	698.3	563.8	422.9	307.9	219.0
57.5°	2003.8	1841.2	1654.7	1420.5	1186.3	971.6	782.9	620.2	459.8	334.0	236.4
55°	2277.1	2090.6	1886.7	1576.6	1312.0	1073.5	867.5	676.6	498.8	355.7	253.7
52.5°	2572.0	2355.2	2097.1	1741.4	1444.3	1177.6	945.5	726.5	535.7	379.5	268.9
50°	2901.7	2628.4	2281.4	1893.2	1559.3	1275.2	1023.6	780.7	566.0	405.5	281.9
47.5°	3244.3	2949.4	2446.2	2034.2	1676.4	1370.6	1103.8	828.4	596.4	427.2	294.9
45°	3602.1	3172.7	2617.6	2160.0	1778.3	1457.3	1164.6	871.8	633.2	446.7	305.8
42.5°	3955.6	3341.9	2767.2	2285.8	1873.7	1535.4	1214.4	913.0	663.6	466.3	316.6
40°	4122.6	3469.8	2886.5	2372.5	1954.0	1604.8	1257.8	949.9	689.6	479.3	327.5
37.5°	4192.0	3547.9	2964.5	2454.9	2016.8	1641.7	1294.7	982.4	711.3	492.3	336.1
35°	4207.2	3576.1	3003.6	2511.3	2068.9	1676.4	1322.9	1006.3	728.7	505.3	344.8
32.5°	4179.0	3567.4	3014.4	2530.8	2101.4	1702.4	1342.4	1023.6	741.7	518.3	353.5
30°	4116.1	3521.9	2975.4	2528.6	2125.3	1717.6	1355.4	1036.6	754.7	527.0	357.8
27.5°	4014.2	3441.6	2925.5	2530.8	2138.3	1724.1	1361.9	1043.1	763.4	533.5	366.5
25°	3888.4	3333.2	2927.7	2526.5	2140.5	1726.2	1361.9	1043.1	765.5	535.7	373.0
22.5°	3743.1	3333.2	2927.7	2520.0	2127.4	1721.9	1355.4	1038.8	765.5	540.0	379.5
20°	3751.8	3335.4	2921.2	2507.0	2107.9	1708.9	1340.2	1027.9	759.0	546.5	383.9
17.5°	3758.3	3331.0	2908.2	2489.6	2081.9	1687.2	1320.7	1012.8	759.0	553.0	386.0
15°	3758.3	3318.0	2888.6	2463.6	2049.4	1656.8	1292.5	999.7	761.2	555.2	390.4
12.5°	3751.8	3294.2	2858.3	2428.9	2010.3	1620.0	1275.2	995.4	761.2	557.3	390.4
10°	3738.7	3261.6	2819.2	2385.5	1973.5	1607.0	1266.5	986.7	756.9	557.3	390.4
7.5°	3714.9	3222.6	2786.7	2359.5	1951.8	1591.8	1253.5	973.7	750.4	553.0	394.7
5°	3678.0	3200.9	2760.7	2329.1	1921.4	1580.9	1244.8	962.9	746.0	553.0	390.4
2.5°	3630.3	3174.9	2730.3	2290.1	1886.7	1544.1	1216.6	939.0	730.8	544.3	386.0
0°	3552.2	3122.9	2678.3	2235.9	1839.0	1507.2	1188.4	915.2	715.7	535.7	381.7
-2.5°	3480.7	3053.5	2611.1	2179.5	1793.5	1474.7	1166.7	902.2	709.1	533.5	379.5
-5°	3380.9	2958.0	2522.1	2105.8	1732.7	1442.2	1145.0	887.0	702.6	529.2	379.5
-7.5°	3270.3	2858.3	2428.9	2029.9	1672.0	1385.8	1103.8	863.1	687.5	520.5	377.3
-10°	3099.0	2708.6	2311.8	1943.1	1607.0	1335.9	1069.1	841.4	674.4	511.8	368.7
-12.5°	2916.8	2543.8	2177.3	1836.8	1533.2	1283.8	1030.1	817.6	659.3	503.1	364.3
-15°	2723.8	2374.7	2036.4	1726.2	1453.0	1220.9	988.9	791.6	644.1	492.3	357.8
-17.5°	2522.1	2196.8	1891.1	1613.5	1372.8	1155.9	945.5	767.7	626.7	481.4	351.3
-20°	2309.6	2014.7	1743.6	1498.5	1288.2	1090.8	900.0	739.5	607.2	468.4	342.6



REPORT NUMBER: P722267  
 CATALOG NUMBER: IFLD-M-SA4D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2099.3	1834.7	1591.8	1385.8	1201.4	1023.6	854.4	711.3	585.5	453.2	336.1
-25°	1912.7	1665.5	1457.3	1277.3	1116.9	958.5	806.7	683.1	561.7	438.1	327.5
-27.5°	1730.6	1520.2	1325.0	1175.4	1034.4	895.7	761.2	652.8	537.8	420.7	318.8
-30°	1561.4	1381.4	1220.9	1075.6	956.4	839.3	722.2	622.4	511.8	403.4	307.9
-32.5°	1407.5	1262.2	1127.7	988.9	882.6	782.9	685.3	592.0	485.8	386.0	297.1
-35°	1264.3	1151.6	1034.4	917.3	808.9	730.8	646.3	559.5	461.9	366.5	286.3
-37.5°	1136.4	1045.3	952.0	852.3	759.0	681.0	609.4	527.0	438.1	349.2	275.4
-40°	1025.8	952.0	869.6	789.4	711.3	637.6	572.5	494.5	414.2	336.1	264.6
-42.5°	923.8	867.5	800.2	733.0	663.6	598.5	535.7	459.8	390.4	321.0	253.7
-45°	845.8	789.4	735.2	674.4	615.9	559.5	496.6	429.4	368.7	303.6	242.9
-47.5°	772.0	722.2	672.3	622.4	574.7	522.6	459.8	403.4	344.8	288.4	234.2
-50°	707.0	659.3	615.9	572.5	531.3	481.4	422.9	377.3	325.3	273.2	223.4
-52.5°	646.3	605.1	561.7	527.0	492.3	442.4	394.7	351.3	305.8	255.9	212.5
-55°	592.0	553.0	514.0	481.4	448.9	405.5	366.5	329.6	286.3	242.9	201.7
-57.5°	540.0	507.5	470.6	440.2	407.7	373.0	340.5	305.8	266.7	229.9	190.8
-60°	492.3	461.9	429.4	399.0	370.8	342.6	312.3	284.1	249.4	214.7	180.0
-62.5°	444.6	418.5	390.4	360.0	338.3	312.3	288.4	260.2	232.0	201.7	160.5
-65°	401.2	377.3	351.3	325.3	305.8	286.3	264.6	238.6	214.7	186.5	143.1
-67.5°	357.8	336.1	314.5	292.8	275.4	260.2	238.6	219.0	199.5	169.2	125.8
-70°	316.6	299.3	279.8	262.4	249.4	232.0	216.9	199.5	182.2	147.5	106.3
-72.5°	277.6	260.2	245.1	232.0	221.2	206.0	193.0	180.0	156.1	123.6	88.9
-75°	232.0	221.2	212.5	201.7	190.8	180.0	169.2	154.0	130.1	99.8	69.4
-77.5°	190.8	184.3	177.8	169.2	160.5	151.8	138.8	123.6	104.1	78.1	56.4
-80°	156.1	149.6	145.3	136.6	130.1	121.4	108.4	95.4	75.9	60.7	45.5
-82.5°	119.3	114.9	110.6	106.3	99.8	91.1	78.1	67.2	56.4	45.5	34.7
-85°	84.6	82.4	78.1	73.7	67.2	60.7	52.0	45.5	39.0	30.4	23.9
-87.5°	43.4	41.2	39.0	36.9	34.7	30.4	26.0	21.7	19.5	15.2	10.8
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.7	6.5	2.2	0.0
85°	17.3	10.8	4.3	0.0
82.5°	26.0	17.3	6.5	0.0
80°	34.7	21.7	10.8	0.0
77.5°	43.4	26.0	13.0	0.0
75°	52.0	32.5	15.2	0.0
72.5°	58.6	36.9	17.3	0.0
70°	69.4	43.4	19.5	0.0
67.5°	86.7	47.7	21.7	0.0
65°	101.9	52.0	23.9	0.0
62.5°	119.3	56.4	26.0	0.0
60°	134.5	60.7	28.2	0.0
57.5°	149.6	71.6	30.4	0.0
55°	162.6	80.2	32.5	0.0
52.5°	177.8	88.9	34.7	0.0
50°	190.8	97.6	36.9	0.0
47.5°	201.7	106.3	36.9	0.0
45°	210.4	112.8	39.0	0.0
42.5°	216.9	119.3	41.2	0.0
40°	223.4	125.8	43.4	0.0
37.5°	229.9	132.3	43.4	0.0
35°	236.4	138.8	45.5	0.0
32.5°	242.9	145.3	45.5	0.0
30°	247.2	149.6	47.7	0.0
27.5°	253.7	154.0	47.7	0.0
25°	255.9	158.3	49.9	0.0
22.5°	260.2	160.5	49.9	0.0
20°	264.6	164.8	49.9	0.0
17.5°	266.7	167.0	52.0	0.0
15°	266.7	169.2	54.2	0.0
12.5°	268.9	171.3	54.2	0.0
10°	268.9	175.7	52.0	0.0
7.5°	273.2	173.5	52.0	0.0
5°	271.1	173.5	52.0	0.0
2.5°	268.9	171.3	52.0	0.0
0°	266.7	171.3	52.0	0.0
-2.5°	266.7	171.3	52.0	0.0
-5°	266.7	171.3	52.0	0.0
-7.5°	264.6	173.5	52.0	0.0
-10°	260.2	173.5	52.0	0.0
-12.5°	258.1	167.0	52.0	0.0
-15°	255.9	164.8	52.0	0.0
-17.5°	251.6	162.6	49.9	0.0
-20°	247.2	160.5	49.9	0.0



REPORT NUMBER: P722267  
 CATALOG NUMBER: IFLD-M-SA4D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	242.9	156.1	49.9	0.0
-25°	238.6	151.8	47.7	0.0
-27.5°	234.2	147.5	47.7	0.0
-30°	227.7	143.1	45.5	0.0
-32.5°	221.2	138.8	45.5	0.0
-35°	216.9	132.3	43.4	0.0
-37.5°	210.4	125.8	43.4	0.0
-40°	203.9	119.3	41.2	0.0
-42.5°	197.3	112.8	39.0	0.0
-45°	188.7	106.3	39.0	0.0
-47.5°	182.2	99.8	36.9	0.0
-50°	171.3	91.1	34.7	0.0
-52.5°	158.3	82.4	32.5	0.0
-55°	145.3	75.9	30.4	0.0
-57.5°	132.3	67.2	30.4	0.0
-60°	119.3	58.6	28.2	0.0
-62.5°	106.3	54.2	26.0	0.0
-65°	93.3	49.9	23.9	0.0
-67.5°	78.1	43.4	21.7	0.0
-70°	65.1	39.0	19.5	0.0
-72.5°	56.4	34.7	17.3	0.0
-75°	47.7	30.4	15.2	0.0
-77.5°	41.2	26.0	13.0	0.0
-80°	32.5	19.5	8.7	0.0
-82.5°	23.9	15.2	6.5	0.0
-85°	15.2	10.8	4.3	0.0
-87.5°	8.7	4.3	2.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)