

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: P722381

Luminaire Tested: **IFLD-M-SA4B-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722381
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17202.5 lumens	Max Intensity:	12009.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10974.5 lumens	Field Lumens:	16218.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

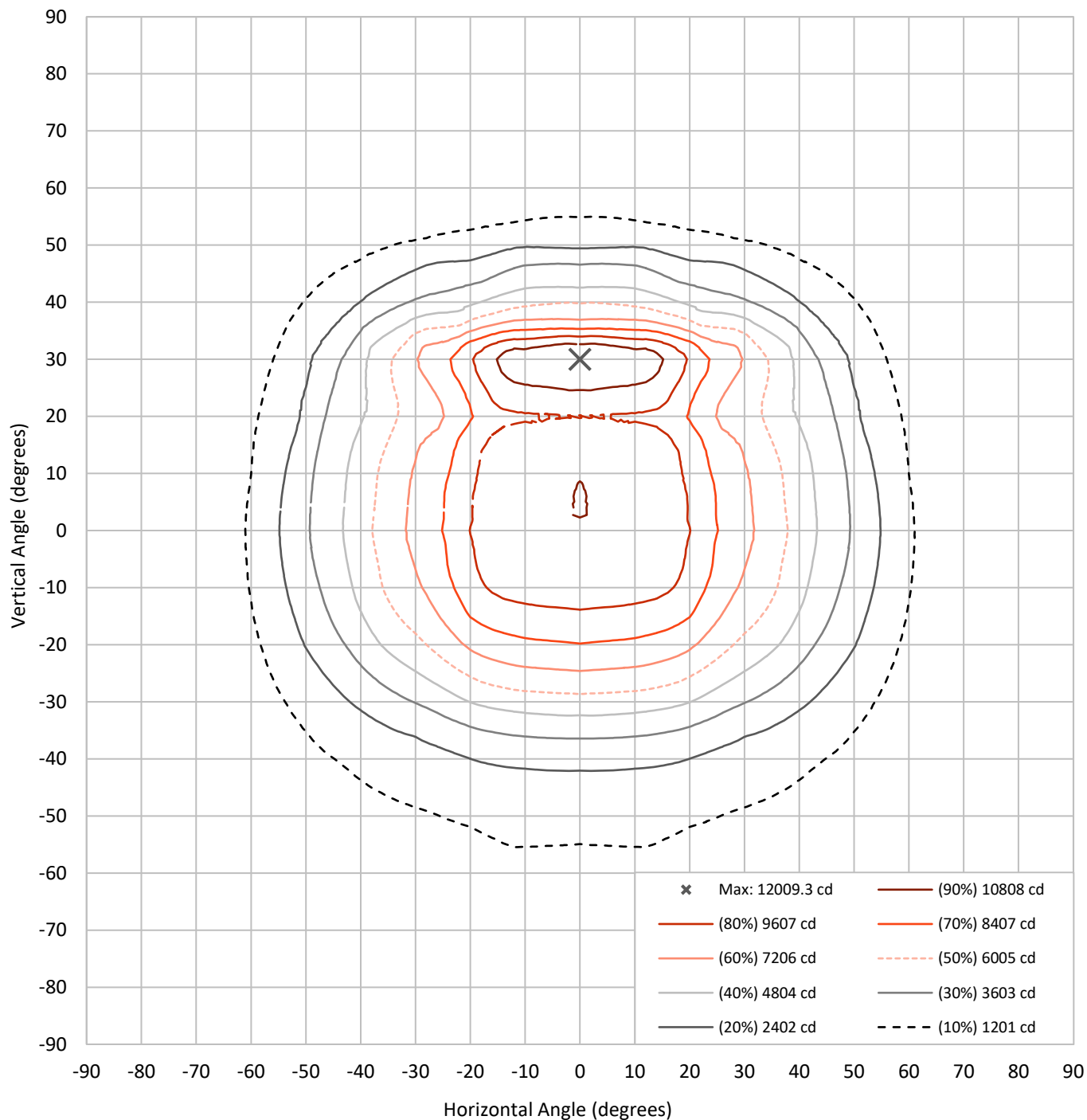
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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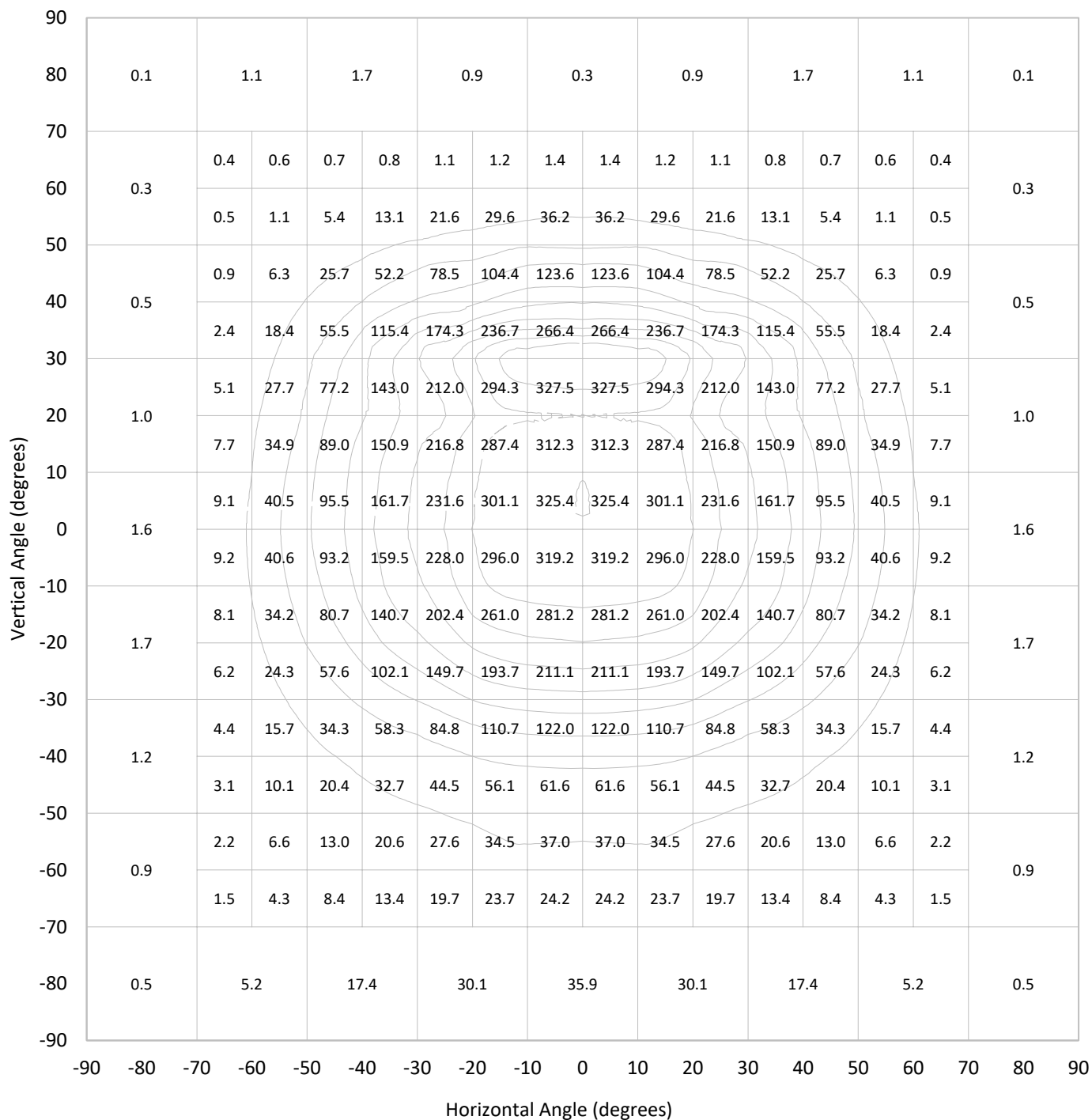
Iso-Candela Plot



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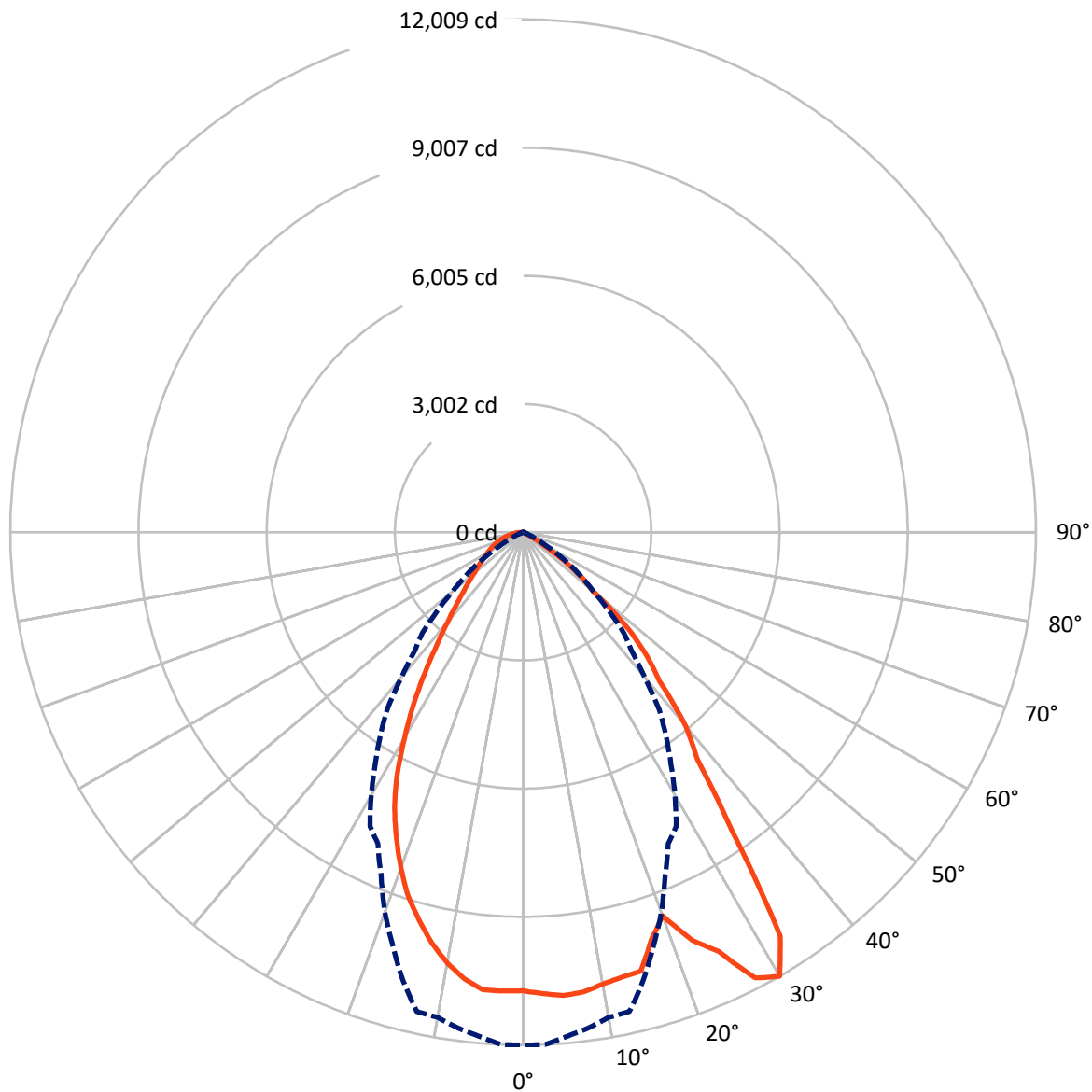
Lumen Table



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Luminous Intensity Polar Plot

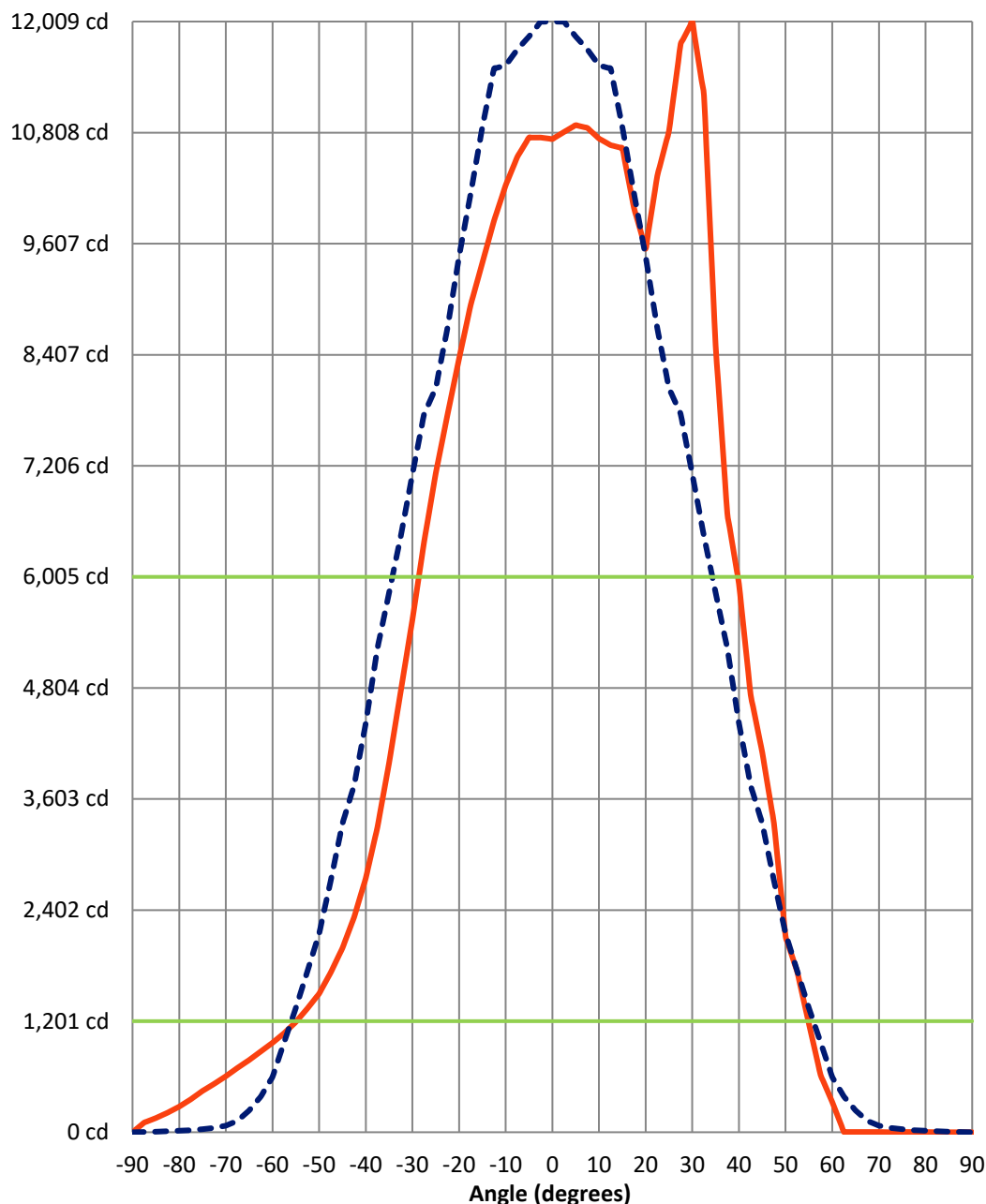


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10974.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16218.2

Efficiency: 94.3%

Spill:

Lumens: 984.4

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	8.2
82.5°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	11.0
80°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
77.5°	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0	13.7
75°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	13.7
72.5°	0.0	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
70°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
67.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	11.0	11.0	13.7
65°	2.7	2.7	2.7	5.5	8.2	8.2	11.0	13.7	13.7	16.4	19.2
62.5°	2.7	5.5	5.5	8.2	11.0	13.7	30.1	46.6	46.6	32.9	27.4
60°	325.9	353.3	350.6	317.7	276.6	232.8	224.6	216.4	199.9	175.3	183.5
57.5°	619.0	651.8	665.5	657.3	635.4	597.0	575.1	550.5	517.6	479.3	435.5
55°	1172.2	1185.9	1155.7	1098.2	1035.2	972.2	950.3	917.5	868.2	818.9	753.1
52.5°	1733.6	1780.2	1766.5	1709.0	1624.1	1511.8	1388.5	1292.7	1235.2	1180.4	1114.7
50°	2117.0	2136.2	2174.5	2243.0	2267.7	2191.0	1991.1	1733.6	1550.1	1643.2	1572.0
47.5°	3341.2	3437.1	3417.9	3368.6	3286.5	3078.3	2799.0	2568.9	2377.2	2314.2	2325.2
45°	4105.3	4143.7	4130.0	4108.1	4069.7	3875.3	3565.8	3212.5	3034.5	2963.3	2889.4
42.5°	4732.5	4773.6	4781.8	4784.5	4743.5	4565.4	4286.1	3932.8	3754.8	3549.4	3387.8
40°	5929.3	5989.6	5921.1	5830.7	5693.8	5491.1	5217.3	4891.4	4576.4	4324.4	4132.7
37.5°	6693.4	6767.4	6794.8	6789.3	6759.2	6671.5	6334.7	6025.2	5543.2	4979.0	5080.3
35°	8506.5	8583.2	8561.2	8479.1	8435.3	8342.1	8013.5	7646.5	7041.3	6427.8	6263.5
32.5°	11209.6	11376.7	11064.4	10722.1	10511.2	10585.2	10251.0	9352.7	9073.4	7966.9	7454.8
30°	12009.3	12006.6	11847.7	11708.0	11535.5	11499.9	10870.0	10152.4	9467.8	8692.7	8046.4
27.5°	11765.6	11716.3	11582.1	11480.7	11319.1	11234.2	10618.0	10048.4	9256.9	8564.0	7939.6
25°	10826.2	10864.5	10727.6	10708.4	10645.4	10481.1	10174.4	9533.5	8826.9	8060.1	7610.9
22.5°	10341.4	10327.7	10163.4	10067.5	10144.2	9968.9	9845.7	9199.4	8462.7	7816.3	7276.8
20°	9552.7	9555.4	9514.3	9506.1	9459.5	9380.1	9281.5	8824.2	8303.8	7750.6	7101.5
17.5°	9993.6	10105.9	10155.2	9747.1	9862.1	9771.8	9667.7	9029.6	8637.9	8147.7	7301.4
15°	10639.9	10598.9	10549.6	10527.6	10464.7	10379.8	10190.8	9681.4	9007.7	8501.0	7841.0
12.5°	10672.8	10593.4	10574.2	10571.5	10505.7	10388.0	10204.5	9782.7	9185.7	8569.5	8032.7
10°	10744.0	10661.8	10650.9	10664.6	10563.3	10489.3	10305.8	9914.2	9240.4	8687.2	8180.6
7.5°	10859.0	10722.1	10785.1	10744.0	10697.4	10579.7	10382.5	9999.1	9440.4	8843.3	8312.0
5°	10889.2	10738.5	10807.0	10768.7	10700.2	10585.2	10371.5	10053.8	9563.6	8906.3	8364.1
2.5°	10815.2	10771.4	10741.3	10670.1	10639.9	10514.0	10311.3	9971.7	9506.1	8878.9	8353.1
0°	10738.5	10776.9	10708.4	10637.2	10623.5	10522.2	10349.6	10042.9	9640.3	8955.6	8446.2
-2.5°	10755.0	10724.8	10678.3	10604.3	10533.1	10388.0	10231.9	9944.3	9511.6	8788.6	8314.8
-5°	10755.0	10615.3	10620.8	10623.5	10552.3	10401.7	10212.7	9968.9	9434.9	8785.8	8276.4
-7.5°	10546.8	10426.3	10407.1	10390.7	10371.5	10231.9	10084.0	9780.0	9306.2	8714.6	8169.6
-10°	10240.1	10122.3	10133.3	10108.6	10048.4	9955.3	9843.0	9569.1	9180.2	8490.0	7953.2
-12.5°	9856.7	9804.6	9774.5	9733.4	9673.2	9591.0	9476.0	9218.5	8802.3	8213.4	7704.0
-15°	9402.0	9363.7	9336.3	9311.7	9224.0	9139.1	8988.5	8750.2	8490.0	7857.4	7337.0
-17.5°	8947.4	8851.5	8813.2	8780.3	8722.8	8585.9	8449.0	8270.9	7906.7	7405.5	6959.1
-20°	8364.1	8306.5	8260.0	8216.2	8134.0	8027.2	7914.9	7709.5	7394.5	6989.2	6526.4

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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°	7753.3	7720.5	7682.1	7627.3	7572.6	7471.2	7315.1	7117.9	6871.5	6433.3	6000.5
-25°	7123.4	7060.4	7013.9	6961.8	6918.0	6824.9	6674.3	6485.3	6175.8	5797.9	5436.4
-27.5°	6381.2	6321.0	6296.3	6236.1	6197.7	6112.8	5962.2	5786.9	5507.6	5189.9	4822.9
-30°	5543.2	5554.1	5526.7	5469.2	5422.7	5313.1	5198.1	5050.2	4831.1	4527.1	4198.5
-32.5°	4768.1	4781.8	4748.9	4688.7	4628.4	4549.0	4442.2	4308.0	4143.7	3853.4	3568.6
-35°	3993.1	3987.6	3960.2	3924.6	3883.5	3817.8	3697.3	3595.9	3407.0	3204.3	3007.1
-37.5°	3297.4	3311.1	3302.9	3283.7	3237.2	3182.4	3083.8	2990.7	2851.0	2673.0	2519.6
-40°	2746.9	2763.4	2752.4	2733.2	2692.2	2659.3	2593.6	2511.4	2399.1	2245.8	2117.0
-42.5°	2325.2	2336.1	2322.4	2306.0	2270.4	2245.8	2193.7	2125.2	2032.1	1914.4	1799.3
-45°	1991.1	1993.8	1980.1	1969.1	1941.8	1911.6	1867.8	1813.0	1739.1	1656.9	1563.8
-47.5°	1728.1	1725.4	1711.7	1700.7	1678.8	1651.4	1615.8	1566.5	1509.0	1446.0	1372.1
-50°	1498.1	1511.8	1506.3	1495.3	1478.9	1459.7	1424.1	1372.1	1314.6	1268.0	1216.0
-52.5°	1339.2	1342.0	1339.2	1339.2	1336.5	1322.8	1281.7	1229.7	1166.7	1125.6	1081.8
-55°	1191.3	1205.0	1210.5	1216.0	1218.7	1218.7	1169.4	1114.7	1054.4	1013.3	980.5
-57.5°	1070.8	1079.1	1084.5	1098.2	1109.2	1117.4	1073.6	1024.3	977.7	939.4	909.3
-60°	966.8	977.7	985.9	999.6	1007.8	1013.3	985.9	953.1	925.7	901.0	857.2
-62.5°	873.7	881.9	890.1	898.3	906.5	912.0	901.0	884.6	870.9	860.0	805.2
-65°	780.5	788.8	797.0	807.9	816.1	821.6	818.9	807.9	797.0	786.0	736.7
-67.5°	695.6	703.9	714.8	717.5	723.0	725.8	720.3	712.1	698.4	684.7	646.3
-70°	605.3	610.7	616.2	616.2	616.2	613.5	608.0	597.0	583.3	564.2	534.1
-72.5°	523.1	528.6	534.1	525.8	520.4	512.1	503.9	490.2	476.5	462.8	446.4
-75°	446.4	449.2	449.2	438.2	430.0	421.8	410.8	402.6	388.9	377.9	364.3
-77.5°	356.0	356.0	356.0	347.8	342.3	336.9	328.6	320.4	309.5	301.3	290.3
-80°	276.6	276.6	276.6	273.9	265.7	260.2	254.7	249.2	241.0	235.5	230.1
-82.5°	210.9	210.9	210.9	208.1	202.7	199.9	194.4	189.0	186.2	180.8	178.0
-85°	153.4	156.1	156.1	153.4	150.6	145.2	142.4	139.7	136.9	134.2	128.7
-87.5°	104.1	104.1	104.1	101.3	98.6	98.6	95.9	90.4	84.9	82.2	79.4
-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.2	8.2	8.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.2
82.5°	13.7	13.7	16.4	16.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2
80°	13.7	16.4	19.2	21.9	24.6	27.4	27.4	27.4	27.4	24.6	24.6
77.5°	16.4	16.4	19.2	21.9	24.6	27.4	30.1	32.9	30.1	30.1	30.1
75°	16.4	19.2	19.2	21.9	24.6	27.4	30.1	32.9	32.9	32.9	32.9
72.5°	13.7	16.4	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1	32.9
70°	13.7	16.4	19.2	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1
67.5°	16.4	19.2	19.2	21.9	24.6	24.6	24.6	27.4	27.4	30.1	30.1
65°	19.2	21.9	21.9	24.6	27.4	27.4	30.1	30.1	30.1	32.9	32.9
62.5°	32.9	32.9	32.9	30.1	32.9	32.9	32.9	35.6	35.6	32.9	35.6
60°	169.8	123.2	84.9	106.8	95.9	43.8	43.8	43.8	41.1	41.1	38.3
57.5°	399.9	372.5	320.4	271.1	243.7	216.4	134.2	54.8	54.8	49.3	43.8
55°	668.2	577.9	539.5	473.8	402.6	369.7	306.7	208.1	98.6	65.7	57.5
52.5°	1035.2	950.3	851.7	717.5	621.7	545.0	493.0	391.6	262.9	139.7	87.6
50°	1385.8	1347.5	1287.2	1155.7	955.8	827.1	742.2	627.2	471.1	287.6	164.3
47.5°	2232.1	1911.6	1717.2	1615.8	1448.8	1205.0	1040.7	912.0	723.0	484.8	290.3
45°	2809.9	2607.3	2297.8	2084.2	1837.7	1580.2	1366.6	1218.7	994.2	725.8	454.6
42.5°	3305.6	3130.4	2851.0	2538.8	2278.6	1941.8	1667.9	1473.4	1284.5	991.4	679.2
40°	3943.8	3735.6	3467.2	3163.2	2859.2	2429.2	1985.6	1750.0	1541.9	1281.7	917.5
37.5°	4995.4	4628.4	4190.2	3853.4	3456.3	3092.0	2484.0	2067.7	1821.3	1550.1	1196.8
35°	6260.7	5858.1	5126.9	4680.5	4149.2	3606.9	3059.2	2442.9	2092.4	1804.8	1454.3
32.5°	7438.4	6849.5	5912.9	5389.8	5036.5	4036.9	3470.0	2935.9	2371.7	2018.4	1602.2
30°	7764.3	7115.2	6444.2	5833.5	5231.0	4423.0	3752.0	3335.8	2722.3	2147.2	1741.8
27.5°	7435.6	6989.2	6468.9	5901.9	5250.1	4557.2	3924.6	3527.5	2979.7	2234.8	1851.4
25°	7101.5	6635.9	6271.7	5797.9	5195.4	4549.0	3930.1	3648.0	3179.7	2404.6	1911.6
22.5°	6748.2	6457.9	6156.6	5628.1	5058.4	4573.7	4108.1	3752.0	3283.7	2596.3	1936.3
20°	6767.4	6578.4	6247.0	5540.4	5033.8	4718.8	4321.7	3883.5	3396.0	2763.4	1955.4
17.5°	7074.1	6827.6	6411.3	5797.9	5255.6	4866.7	4499.7	4064.3	3511.0	2911.3	2188.2
15°	7452.1	7076.9	6641.4	6101.9	5488.4	5028.3	4636.7	4190.2	3642.5	3048.2	2396.4
12.5°	7725.9	7191.9	6783.8	6296.3	5740.4	5203.6	4727.0	4286.1	3765.7	3160.5	2552.5
10°	7819.1	7334.3	6852.3	6416.8	5869.1	5296.7	4795.5	4346.4	3872.6	3248.1	2667.5
7.5°	7868.3	7457.5	6898.8	6471.6	5945.8	5354.2	4850.3	4379.2	3957.5	3308.4	2741.5
5°	7862.9	7523.3	6934.4	6488.0	5986.8	5378.9	4888.6	4387.4	4017.7	3360.4	2785.3
2.5°	7838.2	7567.1	6992.0	6515.4	6069.0	5425.4	4962.6	4403.9	4039.6	3417.9	2815.4
0°	7928.6	7569.8	7052.2	6523.6	6123.8	5441.8	4995.4	4390.2	4009.5	3434.4	2812.7
-2.5°	7734.2	7408.2	7038.5	6452.4	6049.8	5403.5	4935.2	4346.4	3943.8	3415.2	2801.7
-5°	7701.3	7290.5	6923.5	6386.7	5926.6	5324.1	4822.9	4264.2	3839.7	3352.2	2757.9
-7.5°	7613.6	7178.2	6811.2	6334.7	5811.6	5241.9	4716.1	4179.3	3727.4	3253.6	2694.9
-10°	7421.9	7005.7	6690.7	6222.4	5671.9	5124.1	4587.4	4067.0	3595.9	3119.4	2596.3
-12.5°	7148.1	6731.8	6419.6	5984.1	5496.6	4965.3	4434.0	3921.9	3445.3	2977.0	2478.5
-15°	6838.6	6416.8	6104.6	5707.5	5236.4	4718.8	4239.5	3738.4	3272.8	2826.4	2338.9
-17.5°	6488.0	6088.2	5786.9	5400.8	4932.4	4439.5	3962.9	3508.3	3072.8	2670.3	2177.3
-20°	6082.7	5693.8	5417.2	5031.0	4601.1	4121.8	3658.9	3229.0	2837.3	2459.4	1999.3



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CATALOG NUMBER: IFLD-M-SA4B-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5581.5	5239.2	4924.2	4579.1	4203.9	3765.7	3335.8	2955.1	2579.9	2210.1	1815.8
-25°	5069.4	4738.0	4431.3	4116.3	3757.5	3379.6	3012.6	2667.5	2300.5	1966.4	1637.8
-27.5°	4499.7	4203.9	3930.1	3639.8	3311.1	2985.2	2683.9	2347.1	2029.4	1744.6	1462.5
-30°	3891.7	3650.7	3412.4	3155.0	2889.4	2615.5	2347.1	2029.4	1780.2	1552.9	1314.6
-32.5°	3308.4	3092.0	2900.3	2708.6	2478.5	2254.0	2015.7	1780.2	1572.0	1372.1	1172.2
-35°	2796.2	2566.2	2459.4	2306.0	2122.5	1919.8	1725.4	1561.1	1394.0	1213.3	1035.2
-37.5°	2352.6	2204.7	2078.7	1963.7	1818.5	1643.2	1503.6	1369.4	1229.7	1065.4	912.0
-40°	2004.7	1897.9	1772.0	1687.1	1569.3	1443.3	1303.6	1191.3	1073.6	939.4	813.4
-42.5°	1725.4	1637.8	1555.6	1465.2	1377.6	1270.8	1150.3	1043.5	936.6	838.0	734.0
-45°	1495.3	1432.4	1366.6	1292.7	1216.0	1122.9	1024.3	914.7	838.0	750.4	662.8
-47.5°	1306.4	1259.8	1205.0	1147.5	1081.8	999.6	909.3	829.8	750.4	676.5	591.6
-50°	1155.7	1111.9	1068.1	1018.8	961.3	890.1	821.6	747.7	673.7	602.5	523.1
-52.5°	1029.8	991.4	955.8	914.7	860.0	799.7	736.7	671.0	602.5	531.3	468.3
-55°	942.1	898.3	862.7	821.6	772.3	714.8	657.3	597.0	531.3	476.5	424.5
-57.5°	870.9	821.6	780.5	736.7	687.4	638.1	586.1	531.3	482.0	430.0	380.7
-60°	810.7	753.1	706.6	662.8	616.2	569.7	525.8	479.3	432.7	386.2	336.9
-62.5°	747.7	687.4	629.9	588.8	553.2	512.1	473.8	430.0	388.9	342.3	306.7
-65°	676.5	619.0	564.2	528.6	495.7	460.1	424.5	386.2	350.6	315.0	282.1
-67.5°	597.0	547.7	509.4	476.5	443.7	413.5	380.7	347.8	317.7	282.1	249.2
-70°	501.2	473.8	451.9	427.2	397.1	369.7	339.6	309.5	276.6	246.5	216.4
-72.5°	427.2	410.8	394.4	369.7	342.3	317.7	293.0	265.7	238.3	210.9	186.2
-75°	350.6	336.9	323.2	306.7	284.8	265.7	243.7	219.1	197.2	178.0	158.8
-77.5°	282.1	271.1	262.9	249.2	232.8	216.4	202.7	186.2	169.8	150.6	131.5
-80°	224.6	219.1	216.4	210.9	197.2	183.5	172.5	158.8	142.4	128.7	115.0
-82.5°	175.3	175.3	172.5	169.8	158.8	147.9	139.7	128.7	117.8	106.8	93.1
-85°	128.7	126.0	126.0	123.2	115.0	109.5	101.3	95.9	87.6	76.7	71.2
-87.5°	76.7	73.9	71.2	68.5	63.0	60.3	54.8	52.0	46.6	41.1	38.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722381

CATALOG NUMBER: IFLD-M-SA4B-722-U-76-VI

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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.2	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7
82.5°	16.4	16.4	13.7	13.7	11.0	8.2	5.5	5.5	5.5	2.7	2.7
80°	24.6	24.6	24.6	21.9	19.2	13.7	11.0	8.2	5.5	2.7	2.7
77.5°	30.1	27.4	27.4	24.6	24.6	21.9	16.4	13.7	8.2	5.5	2.7
75°	30.1	30.1	30.1	27.4	27.4	24.6	21.9	16.4	13.7	8.2	5.5
72.5°	32.9	30.1	30.1	30.1	27.4	24.6	21.9	19.2	16.4	11.0	5.5
70°	30.1	30.1	30.1	30.1	27.4	27.4	21.9	19.2	19.2	11.0	8.2
67.5°	30.1	30.1	30.1	27.4	27.4	24.6	21.9	19.2	19.2	13.7	8.2
65°	32.9	30.1	30.1	30.1	27.4	24.6	21.9	19.2	19.2	16.4	11.0
62.5°	35.6	32.9	32.9	30.1	27.4	24.6	21.9	19.2	19.2	16.4	11.0
60°	38.3	35.6	32.9	32.9	30.1	27.4	21.9	21.9	19.2	16.4	11.0
57.5°	41.1	38.3	38.3	35.6	32.9	30.1	24.6	21.9	19.2	16.4	13.7
55°	49.3	43.8	41.1	41.1	38.3	32.9	27.4	21.9	19.2	16.4	13.7
52.5°	65.7	52.0	46.6	46.6	43.8	38.3	30.1	24.6	19.2	16.4	13.7
50°	104.1	65.7	54.8	49.3	49.3	43.8	35.6	27.4	19.2	16.4	13.7
47.5°	164.3	109.5	65.7	57.5	54.8	52.0	41.1	27.4	21.9	16.4	13.7
45°	271.1	161.6	106.8	68.5	57.5	54.8	46.6	30.1	21.9	19.2	13.7
42.5°	372.5	252.0	164.3	82.2	68.5	60.3	49.3	32.9	24.6	19.2	13.7
40°	586.1	345.1	230.1	134.2	79.4	63.0	54.8	38.3	24.6	19.2	13.7
37.5°	794.2	457.4	309.5	197.2	90.4	71.2	57.5	41.1	27.4	19.2	16.4
35°	1002.4	640.9	383.4	262.9	120.5	84.9	60.3	43.8	27.4	19.2	16.4
32.5°	1188.6	813.4	460.1	328.6	180.8	101.3	65.7	46.6	30.1	21.9	16.4
30°	1342.0	972.2	597.0	386.2	235.5	123.2	71.2	46.6	32.9	21.9	16.4
27.5°	1457.0	1095.5	736.7	446.4	282.1	145.2	82.2	52.0	32.9	21.9	16.4
25°	1550.1	1191.3	860.0	509.4	323.2	180.8	98.6	54.8	35.6	24.6	16.4
22.5°	1624.1	1270.8	961.3	594.3	372.5	216.4	120.5	60.3	35.6	24.6	16.4
20°	1725.4	1350.2	1029.8	684.7	424.5	249.2	139.7	65.7	35.6	24.6	19.2
17.5°	1813.0	1429.6	1084.5	761.4	476.5	273.9	161.6	71.2	38.3	24.6	19.2
15°	1914.4	1506.3	1133.8	821.6	525.8	295.8	180.8	76.7	38.3	27.4	19.2
12.5°	2023.9	1577.5	1169.4	870.9	577.9	315.0	197.2	87.6	41.1	27.4	19.2
10°	2136.2	1637.8	1199.6	906.5	616.2	334.1	208.1	98.6	43.8	27.4	19.2
7.5°	2248.5	1692.5	1237.9	922.9	632.6	356.0	213.6	109.5	43.8	30.1	19.2
5°	2325.2	1728.1	1292.7	933.9	640.9	380.7	221.8	123.2	46.6	30.1	19.2
2.5°	2390.9	1750.0	1350.2	942.1	643.6	394.4	219.1	131.5	49.3	30.1	19.2
0°	2421.0	1750.0	1388.5	936.6	635.4	408.1	219.1	139.7	49.3	30.1	19.2
-2.5°	2374.5	1799.3	1377.6	939.4	638.1	408.1	230.1	142.4	54.8	32.9	19.2
-5°	2300.5	1818.5	1344.7	925.7	632.6	408.1	243.7	145.2	57.5	32.9	21.9
-7.5°	2229.3	1826.7	1306.4	912.0	624.4	397.1	246.5	142.4	63.0	35.6	21.9
-10°	2136.2	1736.3	1257.1	887.3	608.0	388.9	252.0	142.4	65.7	35.6	21.9
-12.5°	2029.4	1626.8	1196.8	851.7	588.8	380.7	254.7	142.4	68.5	38.3	21.9
-15°	1906.2	1514.5	1128.4	813.4	561.4	369.7	249.2	139.7	71.2	38.3	24.6
-17.5°	1766.5	1405.0	1057.1	766.8	531.3	356.0	238.3	136.9	71.2	38.3	24.6
-20°	1607.6	1295.4	977.7	720.3	495.7	339.6	227.3	131.5	71.2	38.3	24.6



REPORT NUMBER: P722381

CATALOG NUMBER: IFLD-M-SA4B-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1465.2	1194.1	895.6	668.2	457.4	320.4	213.6	126.0	71.2	41.1	24.6
-25°	1347.5	1095.5	832.6	616.2	416.3	298.5	199.9	120.5	71.2	41.1	24.6
-27.5°	1224.2	988.7	766.8	566.9	388.9	279.3	186.2	115.0	68.5	41.1	24.6
-30°	1098.2	884.6	698.4	512.1	361.5	260.2	175.3	106.8	68.5	41.1	24.6
-32.5°	983.2	799.7	635.4	457.4	331.4	241.0	164.3	104.1	65.7	41.1	24.6
-35°	870.9	723.0	569.7	413.5	298.5	221.8	153.4	101.3	65.7	41.1	24.6
-37.5°	777.8	651.8	509.4	383.4	279.3	205.4	142.4	95.9	63.0	41.1	24.6
-40°	701.1	586.1	451.9	350.6	262.9	189.0	131.5	93.1	63.0	41.1	24.6
-42.5°	629.9	523.1	416.3	323.2	246.5	178.0	123.2	90.4	60.3	41.1	24.6
-45°	566.9	468.3	380.7	298.5	227.3	164.3	117.8	84.9	57.5	41.1	27.4
-47.5°	503.9	430.0	347.8	276.6	208.1	147.9	112.3	82.2	54.8	38.3	27.4
-50°	454.6	388.9	320.4	252.0	189.0	142.4	106.8	76.7	54.8	38.3	27.4
-52.5°	410.8	350.6	290.3	227.3	172.5	134.2	101.3	71.2	52.0	38.3	27.4
-55°	369.7	315.0	260.2	202.7	161.6	126.0	93.1	65.7	52.0	38.3	27.4
-57.5°	328.6	282.1	230.1	183.5	147.9	117.8	87.6	65.7	52.0	38.3	27.4
-60°	295.8	252.0	208.1	169.8	136.9	106.8	79.4	63.0	49.3	38.3	27.4
-62.5°	268.4	227.3	189.0	153.4	126.0	95.9	76.7	63.0	49.3	38.3	24.6
-65°	241.0	205.4	169.8	139.7	112.3	90.4	73.9	60.3	49.3	38.3	24.6
-67.5°	213.6	180.8	153.4	123.2	104.1	87.6	71.2	60.3	46.6	35.6	24.6
-70°	186.2	158.8	134.2	115.0	98.6	82.2	68.5	57.5	46.6	32.9	21.9
-72.5°	164.3	139.7	120.5	106.8	93.1	79.4	65.7	54.8	43.8	30.1	19.2
-75°	139.7	123.2	109.5	95.9	84.9	73.9	63.0	49.3	38.3	27.4	19.2
-77.5°	117.8	106.8	95.9	87.6	76.7	65.7	54.8	43.8	35.6	24.6	16.4
-80°	101.3	93.1	84.9	76.7	68.5	57.5	49.3	38.3	30.1	21.9	13.7
-82.5°	82.2	76.7	68.5	63.0	57.5	49.3	41.1	32.9	21.9	16.4	11.0
-85°	63.0	57.5	54.8	49.3	43.8	35.6	27.4	21.9	16.4	11.0	5.5
-87.5°	32.9	30.1	27.4	24.6	21.9	16.4	13.7	11.0	8.2	5.5	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722381

CATALOG NUMBER: IFLD-M-SA4B-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.5	2.7	0.0	0.0
65°	5.5	2.7	0.0	0.0
62.5°	5.5	2.7	0.0	0.0
60°	5.5	2.7	0.0	0.0
57.5°	8.2	2.7	2.7	0.0
55°	8.2	2.7	2.7	0.0
52.5°	8.2	2.7	2.7	0.0
50°	8.2	5.5	2.7	0.0
47.5°	8.2	5.5	2.7	0.0
45°	8.2	5.5	2.7	0.0
42.5°	8.2	5.5	2.7	0.0
40°	11.0	5.5	2.7	0.0
37.5°	11.0	5.5	2.7	0.0
35°	11.0	5.5	2.7	0.0
32.5°	11.0	5.5	2.7	0.0
30°	11.0	5.5	2.7	0.0
27.5°	11.0	8.2	2.7	0.0
25°	11.0	8.2	2.7	0.0
22.5°	13.7	8.2	2.7	0.0
20°	13.7	8.2	2.7	0.0
17.5°	13.7	8.2	2.7	0.0
15°	13.7	8.2	2.7	0.0
12.5°	13.7	8.2	2.7	0.0
10°	13.7	8.2	2.7	0.0
7.5°	13.7	8.2	2.7	0.0
5°	13.7	8.2	2.7	0.0
2.5°	13.7	8.2	2.7	0.0
0°	13.7	8.2	2.7	0.0
-2.5°	13.7	8.2	2.7	0.0
-5°	13.7	8.2	2.7	0.0
-7.5°	13.7	8.2	2.7	0.0
-10°	13.7	8.2	2.7	0.0
-12.5°	16.4	8.2	2.7	0.0
-15°	16.4	8.2	2.7	0.0
-17.5°	16.4	8.2	2.7	0.0
-20°	16.4	8.2	2.7	0.0



REPORT NUMBER: P722381

CATALOG NUMBER: IFLD-M-SA4B-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.4	8.2	2.7	0.0
-25°	16.4	8.2	2.7	0.0
-27.5°	16.4	8.2	2.7	0.0
-30°	16.4	8.2	2.7	0.0
-32.5°	16.4	8.2	2.7	0.0
-35°	16.4	8.2	2.7	0.0
-37.5°	16.4	8.2	2.7	0.0
-40°	16.4	8.2	2.7	0.0
-42.5°	13.7	8.2	2.7	0.0
-45°	16.4	8.2	2.7	0.0
-47.5°	16.4	8.2	2.7	0.0
-50°	16.4	8.2	2.7	0.0
-52.5°	16.4	8.2	2.7	0.0
-55°	16.4	8.2	2.7	0.0
-57.5°	16.4	8.2	2.7	0.0
-60°	16.4	8.2	2.7	0.0
-62.5°	13.7	8.2	2.7	0.0
-65°	13.7	5.5	2.7	0.0
-67.5°	13.7	5.5	2.7	0.0
-70°	13.7	5.5	2.7	0.0
-72.5°	11.0	5.5	2.7	0.0
-75°	11.0	5.5	2.7	0.0
-77.5°	8.2	2.7	0.0	0.0
-80°	8.2	2.7	0.0	0.0
-82.5°	5.5	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)