

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: P722383

Luminaire Tested: **IFLD-M-SA4D-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722383
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-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

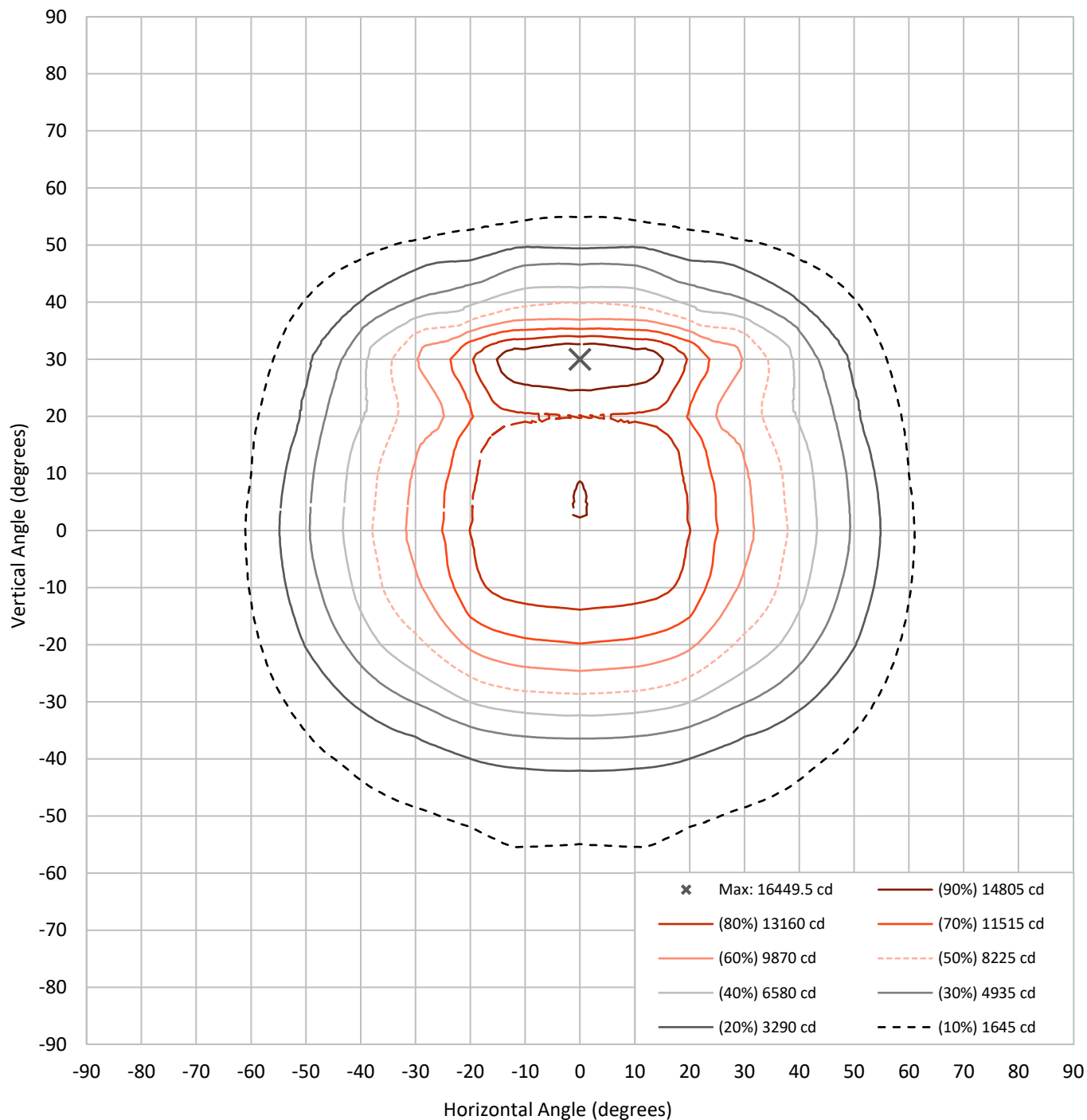
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23562.9 lumens	Max Intensity:	16449.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	15032.1 lumens	Field Lumens:	22214.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
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		



REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

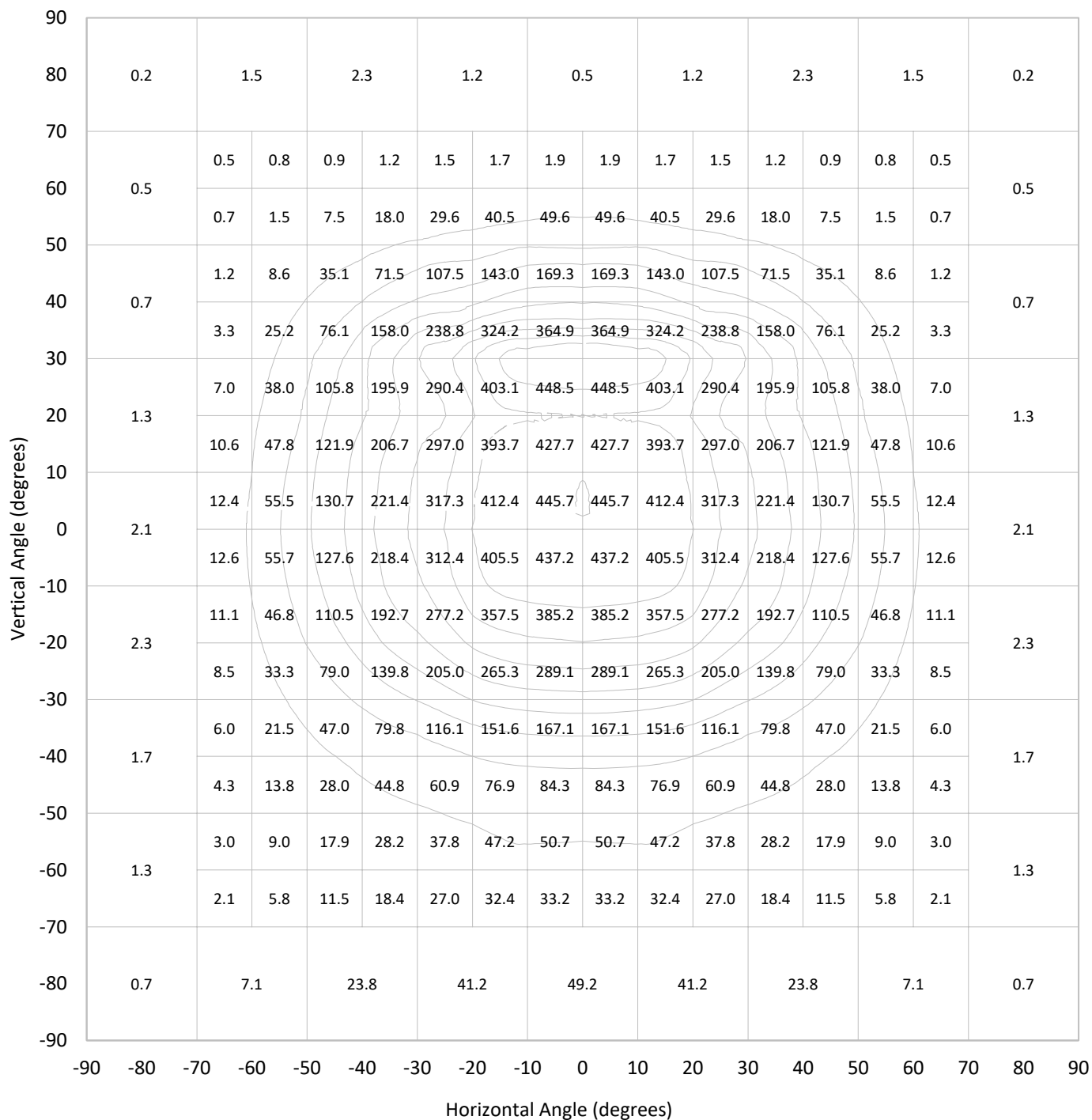
Iso-Candela Plot



REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

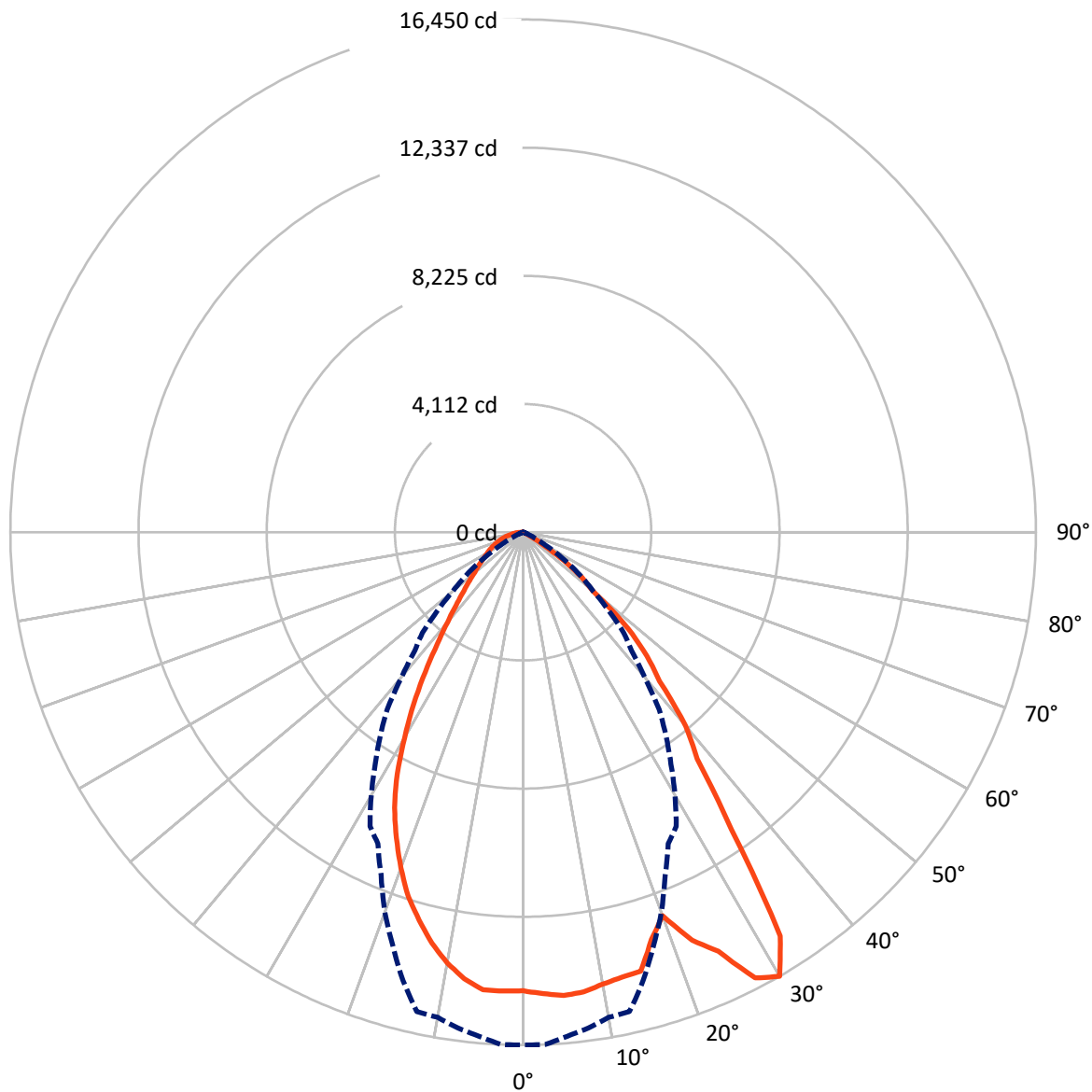
Lumen Table



REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

Luminous Intensity Polar Plot



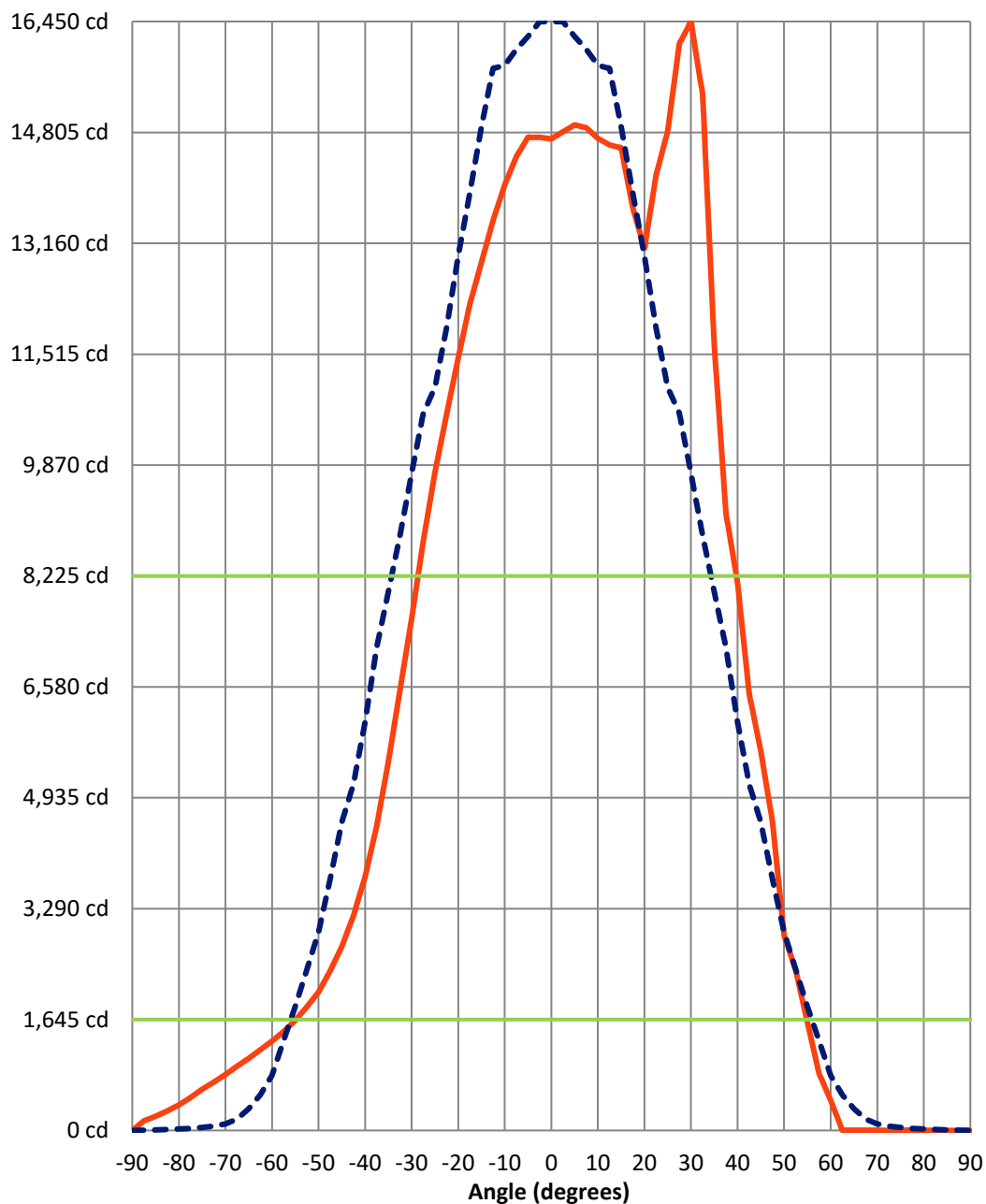
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15032.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22214.5

Efficiency: 94.3%

Spill:

Lumens: 1348.4

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

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	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	7.5	7.5	11.3
82.5°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	15.0
80°	3.8	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.0	15.0
77.5°	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.0	15.0	18.8
75°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	18.8
72.5°	0.0	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	15.0
70°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.0	15.0	15.0
67.5°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.0	15.0	15.0	18.8
65°	3.8	3.8	3.8	7.5	11.3	11.3	15.0	18.8	18.8	22.5	26.3
62.5°	3.8	7.5	7.5	11.3	15.0	18.8	41.3	63.8	63.8	45.0	37.5
60°	446.4	483.9	480.2	435.2	378.9	318.9	307.6	296.4	273.8	240.1	251.3
57.5°	847.8	892.8	911.6	900.3	870.3	817.8	787.8	754.0	709.0	656.5	596.5
55°	1605.6	1624.3	1583.1	1504.3	1418.0	1331.7	1301.7	1256.7	1189.2	1121.6	1031.6
52.5°	2374.6	2438.4	2419.6	2340.8	2224.5	2070.7	1901.9	1770.6	1691.8	1616.8	1526.8
50°	2899.8	2926.0	2978.5	3072.3	3106.1	3001.1	2727.2	2374.6	2123.2	2250.8	2153.3
47.5°	4576.6	4707.9	4681.6	4614.1	4501.6	4216.5	3833.8	3518.7	3256.1	3169.9	3184.9
45°	5623.2	5675.7	5657.0	5627.0	5574.5	5308.1	4884.2	4400.3	4156.5	4058.9	3957.6
42.5°	6482.3	6538.5	6549.8	6553.5	6497.3	6253.4	5870.8	5386.9	5143.1	4861.7	4640.4
40°	8121.6	8204.1	8110.3	7986.6	7799.0	7521.4	7146.3	6699.9	6268.4	5923.3	5660.7
37.5°	9168.2	9269.5	9307.0	9299.5	9258.2	9138.2	8676.8	8252.9	7592.7	6819.9	6958.7
35°	11651.6	11756.6	11726.6	11614.1	11554.1	11426.5	10976.4	10473.7	9644.6	8804.3	8579.3
32.5°	15354.1	15583.0	15155.3	14686.4	14397.6	14498.8	14041.2	12810.7	12428.1	10912.6	10211.1
30°	16449.5	16445.8	16228.2	16036.9	15800.5	15751.8	14889.0	13906.1	12968.3	11906.7	11021.4
27.5°	16115.7	16048.1	15864.3	15725.5	15504.2	15387.9	14543.9	13763.6	12679.4	11730.4	10875.1
25°	14829.0	14881.5	14693.9	14667.6	14581.4	14356.3	13936.1	13058.3	12090.5	11040.1	10424.9
22.5°	14165.0	14146.2	13921.1	13789.8	13894.9	13654.8	13486.0	12600.7	11591.6	10706.3	9967.2
20°	13084.6	13088.3	13032.1	13020.8	12957.0	12848.3	12713.2	12086.7	11374.0	10616.2	9727.2
17.5°	13688.6	13842.4	13909.9	13350.9	13508.5	13384.7	13242.1	12368.1	11831.7	11160.2	10001.0
15°	14573.9	14517.6	14450.1	14420.1	14333.8	14217.5	13958.6	13260.9	12338.1	11644.1	10740.0
12.5°	14618.9	14510.1	14483.8	14480.1	14390.1	14228.7	13977.4	13399.7	12581.9	11737.9	11002.6
10°	14716.4	14603.9	14588.9	14607.6	14468.8	14367.5	14116.2	13579.8	12656.9	11899.2	11205.2
7.5°	14874.0	14686.4	14772.7	14716.4	14652.6	14491.3	14221.2	13696.1	12930.8	12113.0	11385.2
5°	14915.2	14708.9	14802.7	14750.2	14656.4	14498.8	14206.2	13771.1	13099.6	12199.3	11456.5
2.5°	14813.9	14753.9	14712.7	14615.1	14573.9	14401.3	14123.7	13658.5	13020.8	12161.8	11441.5
0°	14708.9	14761.4	14667.6	14570.1	14551.4	14412.6	14176.2	13756.1	13204.6	12266.8	11569.1
-2.5°	14731.4	14690.2	14626.4	14525.1	14427.6	14228.7	14014.9	13621.0	13028.3	12038.0	11389.0
-5°	14731.4	14540.1	14547.6	14551.4	14453.8	14247.5	13988.7	13654.8	12923.3	12034.2	11336.5
-7.5°	14446.3	14281.3	14255.0	14232.5	14206.2	14014.9	13812.3	13396.0	12747.0	11936.7	11190.2
-10°	14026.2	13864.9	13879.9	13846.1	13763.6	13636.0	13482.2	13107.1	12574.4	11629.1	10893.8
-12.5°	13501.0	13429.7	13388.4	13332.2	13249.6	13137.1	12979.6	12626.9	12056.7	11250.2	10552.5
-15°	12878.3	12825.8	12788.2	12754.5	12634.4	12518.1	12311.8	11985.5	11629.1	10762.5	10049.8
-17.5°	12255.6	12124.3	12071.7	12026.7	11947.9	11760.4	11572.8	11329.0	10830.1	10143.6	9532.1
-20°	11456.5	11377.7	11314.0	11253.9	11141.4	10995.1	10841.3	10560.0	10128.6	9573.4	8939.4

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10620.0	10575.0	10522.4	10447.4	10372.4	10233.6	10019.8	9749.7	9412.1	8811.8	8219.1
-25°	9757.2	9670.9	9607.1	9535.8	9475.8	9348.3	9142.0	8883.1	8459.2	7941.5	7446.4
-27.5°	8740.6	8658.0	8624.3	8541.7	8489.2	8372.9	8166.6	7926.5	7543.9	7108.7	6606.1
-30°	7592.7	7607.7	7570.2	7491.4	7427.6	7277.6	7120.0	6917.4	6617.3	6200.9	5750.8
-32.5°	6531.0	6549.8	6504.8	6422.3	6339.7	6230.9	6084.6	5900.8	5675.7	5278.1	4888.0
-35°	5469.4	5461.9	5424.4	5375.6	5319.4	5229.3	5064.3	4925.5	4666.6	4389.0	4118.9
-37.5°	4516.6	4535.3	4524.1	4497.8	4434.1	4359.0	4224.0	4096.4	3905.1	3661.3	3451.2
-40°	3762.6	3785.1	3770.1	3743.8	3687.5	3642.5	3552.5	3440.0	3286.2	3076.1	2899.8
-42.5°	3184.9	3199.9	3181.1	3158.6	3109.8	3076.1	3004.8	2911.0	2783.5	2622.2	2464.6
-45°	2727.2	2731.0	2712.2	2697.2	2659.7	2618.4	2558.4	2483.4	2382.1	2269.5	2142.0
-47.5°	2367.1	2363.3	2344.6	2329.6	2299.6	2262.0	2213.3	2145.8	2067.0	1980.7	1879.4
-50°	2052.0	2070.7	2063.2	2048.2	2025.7	1999.5	1950.7	1879.4	1800.6	1736.9	1665.6
-52.5°	1834.4	1838.1	1834.4	1834.4	1830.6	1811.9	1755.6	1684.3	1598.1	1541.8	1481.8
-55°	1631.8	1650.6	1658.1	1665.6	1669.3	1669.3	1601.8	1526.8	1444.3	1388.0	1343.0
-57.5°	1466.8	1478.0	1485.5	1504.3	1519.3	1530.5	1470.5	1403.0	1339.2	1286.7	1245.4
-60°	1324.2	1339.2	1350.5	1369.2	1380.5	1388.0	1350.5	1305.5	1267.9	1234.2	1174.2
-62.5°	1196.7	1207.9	1219.2	1230.4	1241.7	1249.2	1234.2	1211.7	1192.9	1177.9	1102.9
-65°	1069.1	1080.4	1091.6	1106.6	1117.9	1125.4	1121.6	1106.6	1091.6	1076.6	1009.1
-67.5°	952.8	964.1	979.1	982.8	990.3	994.1	986.6	975.3	956.6	937.8	885.3
-70°	829.0	836.5	844.0	844.0	844.0	840.3	832.8	817.8	799.0	772.8	731.5
-72.5°	716.5	724.0	731.5	720.3	712.8	701.5	690.2	671.5	652.7	634.0	611.5
-75°	611.5	615.2	615.2	600.2	589.0	577.7	562.7	551.4	532.7	517.7	498.9
-77.5°	487.7	487.7	487.7	476.4	468.9	461.4	450.2	438.9	423.9	412.6	397.6
-80°	378.9	378.9	378.9	375.1	363.9	356.4	348.9	341.4	330.1	322.6	315.1
-82.5°	288.9	288.9	288.9	285.1	277.6	273.8	266.3	258.8	255.1	247.6	243.8
-85°	210.1	213.8	213.8	210.1	206.3	198.8	195.1	191.3	187.6	183.8	176.3
-87.5°	142.6	142.6	142.6	138.8	135.0	135.0	131.3	123.8	116.3	112.5	108.8
-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: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	11.3	11.3	11.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0	11.3
82.5°	18.8	18.8	22.5	22.5	26.3	26.3	26.3	26.3	26.3	26.3	26.3
80°	18.8	22.5	26.3	30.0	33.8	37.5	37.5	37.5	37.5	33.8	33.8
77.5°	22.5	22.5	26.3	30.0	33.8	37.5	41.3	45.0	41.3	41.3	41.3
75°	22.5	26.3	26.3	30.0	33.8	37.5	41.3	45.0	45.0	45.0	45.0
72.5°	18.8	22.5	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3	45.0
70°	18.8	22.5	26.3	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3
67.5°	22.5	26.3	26.3	30.0	33.8	33.8	33.8	37.5	37.5	41.3	41.3
65°	26.3	30.0	30.0	33.8	37.5	37.5	41.3	41.3	41.3	45.0	45.0
62.5°	45.0	45.0	45.0	41.3	45.0	45.0	45.0	48.8	48.8	45.0	48.8
60°	232.6	168.8	116.3	146.3	131.3	60.0	60.0	60.0	56.3	56.3	52.5
57.5°	547.7	510.2	438.9	371.4	333.9	296.4	183.8	75.0	75.0	67.5	60.0
55°	915.3	791.5	739.0	649.0	551.4	506.4	420.1	285.1	135.0	90.0	78.8
52.5°	1418.0	1301.7	1166.7	982.8	851.5	746.5	675.2	536.4	360.1	191.3	120.0
50°	1898.2	1845.6	1763.1	1583.1	1309.2	1132.9	1016.6	859.1	645.2	393.9	225.1
47.5°	3057.3	2618.4	2352.1	2213.3	1984.4	1650.6	1425.5	1249.2	990.3	664.0	397.6
45°	3848.9	3571.3	3147.4	2854.8	2517.1	2164.5	1871.9	1669.3	1361.7	994.1	622.7
42.5°	4527.8	4287.8	3905.1	3477.5	3121.1	2659.7	2284.6	2018.2	1759.4	1358.0	930.3
40°	5401.9	5116.8	4749.2	4332.8	3916.4	3327.4	2719.7	2397.1	2112.0	1755.6	1256.7
37.5°	6842.4	6339.7	5739.5	5278.1	4734.2	4235.2	3402.4	2832.2	2494.6	2123.2	1639.3
35°	8575.5	8024.1	7022.5	6411.0	5683.2	4940.5	4190.2	3346.2	2866.0	2472.1	1991.9
32.5°	10188.6	9382.0	8099.1	7382.6	6898.7	5529.4	4752.9	4021.4	3248.6	2764.7	2194.5
30°	10635.0	9745.9	8826.8	7990.3	7165.0	6058.4	5139.3	4569.1	3728.8	2941.0	2385.8
27.5°	10184.8	9573.4	8860.6	8084.1	7191.3	6242.2	5375.6	4831.7	4081.4	3061.1	2535.9
25°	9727.2	9089.4	8590.5	7941.5	7116.2	6230.9	5383.1	4996.8	4355.3	3293.7	2618.4
22.5°	9243.2	8845.6	8433.0	7709.0	6928.7	6264.7	5627.0	5139.3	4497.8	3556.2	2652.2
20°	9269.5	9010.7	8556.8	7588.9	6894.9	6463.5	5919.6	5319.4	4651.6	3785.1	2678.4
17.5°	9689.7	9352.0	8781.8	7941.5	7198.8	6666.1	6163.4	5567.0	4809.2	3987.6	2997.3
15°	10207.3	9693.4	9096.9	8357.9	7517.6	6887.4	6351.0	5739.5	4989.3	4175.2	3282.4
12.5°	10582.5	9851.0	9292.0	8624.3	7862.8	7127.5	6474.8	5870.8	5158.1	4329.0	3496.2
10°	10710.0	10046.0	9385.8	8789.3	8039.1	7255.0	6568.6	5953.3	5304.4	4449.1	3653.8
7.5°	10777.5	10214.8	9449.6	8864.4	8144.1	7333.8	6643.6	5998.4	5420.7	4531.6	3755.1
5°	10770.0	10304.9	9498.3	8886.9	8200.4	7367.6	6696.1	6009.6	5503.2	4602.9	3815.1
2.5°	10736.3	10364.9	9577.1	8924.4	8312.9	7431.4	6797.4	6032.1	5533.2	4681.6	3856.4
0°	10860.1	10368.6	9659.6	8935.6	8387.9	7453.9	6842.4	6013.4	5491.9	4704.2	3852.6
-2.5°	10593.7	10147.3	9640.9	8838.1	8286.7	7401.3	6759.9	5953.3	5401.9	4677.9	3837.6
-5°	10548.7	9986.0	9483.3	8748.1	8117.8	7292.6	6606.1	5840.8	5259.3	4591.6	3777.6
-7.5°	10428.7	9832.2	9329.5	8676.8	7960.3	7180.0	6459.8	5724.5	5105.5	4456.6	3691.3
-10°	10166.1	9595.9	9164.5	8523.0	7769.0	7018.7	6283.5	5570.7	4925.5	4272.7	3556.2
-12.5°	9790.9	9220.7	8793.1	8196.6	7528.9	6801.1	6073.4	5371.9	4719.2	4077.7	3394.9
-15°	9367.0	8789.3	8361.7	7817.7	7172.5	6463.5	5807.0	5120.5	4482.8	3871.4	3203.6
-17.5°	8886.9	8339.2	7926.5	7397.6	6756.1	6080.9	5428.2	4805.4	4209.0	3657.5	2982.3
-20°	8331.7	7799.0	7420.1	6891.2	6302.2	5645.7	5011.8	4422.8	3886.4	3368.7	2738.5

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-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°	7645.2	7176.3	6744.9	6272.2	5758.3	5158.1	4569.1	4047.7	3533.7	3027.3	2487.1
-25°	6943.7	6489.8	6069.6	5638.2	5146.8	4629.1	4126.4	3653.8	3151.1	2693.4	2243.3
-27.5°	6163.4	5758.3	5383.1	4985.5	4535.3	4088.9	3676.3	3214.9	2779.7	2389.6	2003.2
-30°	5330.6	5000.5	4674.1	4321.5	3957.6	3582.5	3214.9	2779.7	2438.4	2127.0	1800.6
-32.5°	4531.6	4235.2	3972.6	3710.1	3394.9	3087.3	2761.0	2438.4	2153.3	1879.4	1605.6
-35°	3830.1	3515.0	3368.7	3158.6	2907.3	2629.7	2363.3	2138.3	1909.4	1661.8	1418.0
-37.5°	3222.4	3019.8	2847.2	2689.7	2490.9	2250.8	2059.5	1875.7	1684.3	1459.3	1249.2
-40°	2746.0	2599.7	2427.1	2310.8	2149.5	1976.9	1785.6	1631.8	1470.5	1286.7	1114.1
-42.5°	2363.3	2243.3	2130.7	2007.0	1886.9	1740.6	1575.6	1429.3	1283.0	1147.9	1005.4
-45°	2048.2	1961.9	1871.9	1770.6	1665.6	1538.0	1403.0	1252.9	1147.9	1027.9	907.8
-47.5°	1789.4	1725.6	1650.6	1571.8	1481.8	1369.2	1245.4	1136.6	1027.9	926.6	810.3
-50°	1583.1	1523.0	1463.0	1395.5	1316.7	1219.2	1125.4	1024.1	922.8	825.3	716.5
-52.5°	1410.5	1358.0	1309.2	1252.9	1177.9	1095.4	1009.1	919.1	825.3	727.8	641.5
-55°	1290.5	1230.4	1181.7	1125.4	1057.9	979.1	900.3	817.8	727.8	652.7	581.5
-57.5°	1192.9	1125.4	1069.1	1009.1	941.6	874.1	802.8	727.8	660.2	589.0	521.4
-60°	1110.4	1031.6	967.8	907.8	844.0	780.3	720.3	656.5	592.7	528.9	461.4
-62.5°	1024.1	941.6	862.8	806.5	757.8	701.5	649.0	589.0	532.7	468.9	420.1
-65°	926.6	847.8	772.8	724.0	679.0	630.2	581.5	528.9	480.2	431.4	386.4
-67.5°	817.8	750.3	697.7	652.7	607.7	566.4	521.4	476.4	435.2	386.4	341.4
-70°	686.5	649.0	619.0	585.2	543.9	506.4	465.2	423.9	378.9	337.6	296.4
-72.5°	585.2	562.7	540.2	506.4	468.9	435.2	401.4	363.9	326.4	288.9	255.1
-75°	480.2	461.4	442.7	420.1	390.1	363.9	333.9	300.1	270.1	243.8	217.6
-77.5°	386.4	371.4	360.1	341.4	318.9	296.4	277.6	255.1	232.6	206.3	180.1
-80°	307.6	300.1	296.4	288.9	270.1	251.3	236.3	217.6	195.1	176.3	157.6
-82.5°	240.1	240.1	236.3	232.6	217.6	202.6	191.3	176.3	161.3	146.3	127.5
-85°	176.3	172.6	172.6	168.8	157.6	150.1	138.8	131.3	120.0	105.0	97.5
-87.5°	105.0	101.3	97.5	93.8	86.3	82.5	75.0	71.3	63.8	56.3	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



REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	11.3	7.5	7.5	7.5	7.5	7.5	3.8	3.8	3.8	3.8	3.8
82.5°	22.5	22.5	18.8	18.8	15.0	11.3	7.5	7.5	7.5	3.8	3.8
80°	33.8	33.8	33.8	30.0	26.3	18.8	15.0	11.3	7.5	3.8	3.8
77.5°	41.3	37.5	37.5	33.8	33.8	30.0	22.5	18.8	11.3	7.5	3.8
75°	41.3	41.3	41.3	37.5	37.5	33.8	30.0	22.5	18.8	11.3	7.5
72.5°	45.0	41.3	41.3	41.3	37.5	33.8	30.0	26.3	22.5	15.0	7.5
70°	41.3	41.3	41.3	41.3	37.5	37.5	30.0	26.3	26.3	15.0	11.3
67.5°	41.3	41.3	41.3	37.5	37.5	33.8	30.0	26.3	26.3	18.8	11.3
65°	45.0	41.3	41.3	41.3	37.5	33.8	30.0	26.3	26.3	22.5	15.0
62.5°	48.8	45.0	45.0	41.3	37.5	33.8	30.0	26.3	26.3	22.5	15.0
60°	52.5	48.8	45.0	45.0	41.3	37.5	30.0	30.0	26.3	22.5	15.0
57.5°	56.3	52.5	52.5	48.8	45.0	41.3	33.8	30.0	26.3	22.5	18.8
55°	67.5	60.0	56.3	56.3	52.5	45.0	37.5	30.0	26.3	22.5	18.8
52.5°	90.0	71.3	63.8	63.8	60.0	52.5	41.3	33.8	26.3	22.5	18.8
50°	142.6	90.0	75.0	67.5	67.5	60.0	48.8	37.5	26.3	22.5	18.8
47.5°	225.1	150.1	90.0	78.8	75.0	71.3	56.3	37.5	30.0	22.5	18.8
45°	371.4	221.3	146.3	93.8	78.8	75.0	63.8	41.3	30.0	26.3	18.8
42.5°	510.2	345.1	225.1	112.5	93.8	82.5	67.5	45.0	33.8	26.3	18.8
40°	802.8	472.7	315.1	183.8	108.8	86.3	75.0	52.5	33.8	26.3	18.8
37.5°	1087.9	626.5	423.9	270.1	123.8	97.5	78.8	56.3	37.5	26.3	22.5
35°	1373.0	877.8	525.2	360.1	165.1	116.3	82.5	60.0	37.5	26.3	22.5
32.5°	1628.1	1114.1	630.2	450.2	247.6	138.8	90.0	63.8	41.3	30.0	22.5
30°	1838.1	1331.7	817.8	528.9	322.6	168.8	97.5	63.8	45.0	30.0	22.5
27.5°	1995.7	1500.5	1009.1	611.5	386.4	198.8	112.5	71.3	45.0	30.0	22.5
25°	2123.2	1631.8	1177.9	697.7	442.7	247.6	135.0	75.0	48.8	33.8	22.5
22.5°	2224.5	1740.6	1316.7	814.0	510.2	296.4	165.1	82.5	48.8	33.8	22.5
20°	2363.3	1849.4	1410.5	937.8	581.5	341.4	191.3	90.0	48.8	33.8	26.3
17.5°	2483.4	1958.2	1485.5	1042.9	652.7	375.1	221.3	97.5	52.5	33.8	26.3
15°	2622.2	2063.2	1553.0	1125.4	720.3	405.1	247.6	105.0	52.5	37.5	26.3
12.5°	2772.2	2160.8	1601.8	1192.9	791.5	431.4	270.1	120.0	56.3	37.5	26.3
10°	2926.0	2243.3	1643.1	1241.7	844.0	457.7	285.1	135.0	60.0	37.5	26.3
7.5°	3079.8	2318.3	1695.6	1264.2	866.6	487.7	292.6	150.1	60.0	41.3	26.3
5°	3184.9	2367.1	1770.6	1279.2	877.8	521.4	303.9	168.8	63.8	41.3	26.3
2.5°	3274.9	2397.1	1849.4	1290.5	881.6	540.2	300.1	180.1	67.5	41.3	26.3
0°	3316.2	2397.1	1901.9	1283.0	870.3	558.9	300.1	191.3	67.5	41.3	26.3
-2.5°	3252.4	2464.6	1886.9	1286.7	874.1	558.9	315.1	195.1	75.0	45.0	26.3
-5°	3151.1	2490.9	1841.9	1267.9	866.6	558.9	333.9	198.8	78.8	45.0	30.0
-7.5°	3053.6	2502.1	1789.4	1249.2	855.3	543.9	337.6	195.1	86.3	48.8	30.0
-10°	2926.0	2378.3	1721.9	1215.4	832.8	532.7	345.1	195.1	90.0	48.8	30.0
-12.5°	2779.7	2228.3	1639.3	1166.7	806.5	521.4	348.9	195.1	93.8	52.5	30.0
-15°	2610.9	2074.5	1545.5	1114.1	769.0	506.4	341.4	191.3	97.5	52.5	33.8
-17.5°	2419.6	1924.4	1448.0	1050.4	727.8	487.7	326.4	187.6	97.5	52.5	33.8
-20°	2202.0	1774.4	1339.2	986.6	679.0	465.2	311.4	180.1	97.5	52.5	33.8

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-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°	2007.0	1635.6	1226.7	915.3	626.5	438.9	292.6	172.6	97.5	56.3	33.8
-25°	1845.6	1500.5	1140.4	844.0	570.2	408.9	273.8	165.1	97.5	56.3	33.8
-27.5°	1676.8	1354.2	1050.4	776.5	532.7	382.6	255.1	157.6	93.8	56.3	33.8
-30°	1504.3	1211.7	956.6	701.5	495.2	356.4	240.1	146.3	93.8	56.3	33.8
-32.5°	1346.7	1095.4	870.3	626.5	453.9	330.1	225.1	142.6	90.0	56.3	33.8
-35°	1192.9	990.3	780.3	566.4	408.9	303.9	210.1	138.8	90.0	56.3	33.8
-37.5°	1065.4	892.8	697.7	525.2	382.6	281.3	195.1	131.3	86.3	56.3	33.8
-40°	960.3	802.8	619.0	480.2	360.1	258.8	180.1	127.5	86.3	56.3	33.8
-42.5°	862.8	716.5	570.2	442.7	337.6	243.8	168.8	123.8	82.5	56.3	33.8
-45°	776.5	641.5	521.4	408.9	311.4	225.1	161.3	116.3	78.8	56.3	37.5
-47.5°	690.2	589.0	476.4	378.9	285.1	202.6	153.8	112.5	75.0	52.5	37.5
-50°	622.7	532.7	438.9	345.1	258.8	195.1	146.3	105.0	75.0	52.5	37.5
-52.5°	562.7	480.2	397.6	311.4	236.3	183.8	138.8	97.5	71.3	52.5	37.5
-55°	506.4	431.4	356.4	277.6	221.3	172.6	127.5	90.0	71.3	52.5	37.5
-57.5°	450.2	386.4	315.1	251.3	202.6	161.3	120.0	90.0	71.3	52.5	37.5
-60°	405.1	345.1	285.1	232.6	187.6	146.3	108.8	86.3	67.5	52.5	37.5
-62.5°	367.6	311.4	258.8	210.1	172.6	131.3	105.0	86.3	67.5	52.5	33.8
-65°	330.1	281.3	232.6	191.3	153.8	123.8	101.3	82.5	67.5	52.5	33.8
-67.5°	292.6	247.6	210.1	168.8	142.6	120.0	97.5	82.5	63.8	48.8	33.8
-70°	255.1	217.6	183.8	157.6	135.0	112.5	93.8	78.8	63.8	45.0	30.0
-72.5°	225.1	191.3	165.1	146.3	127.5	108.8	90.0	75.0	60.0	41.3	26.3
-75°	191.3	168.8	150.1	131.3	116.3	101.3	86.3	67.5	52.5	37.5	26.3
-77.5°	161.3	146.3	131.3	120.0	105.0	90.0	75.0	60.0	48.8	33.8	22.5
-80°	138.8	127.5	116.3	105.0	93.8	78.8	67.5	52.5	41.3	30.0	18.8
-82.5°	112.5	105.0	93.8	86.3	78.8	67.5	56.3	45.0	30.0	22.5	15.0
-85°	86.3	78.8	75.0	67.5	60.0	48.8	37.5	30.0	22.5	15.0	7.5
-87.5°	45.0	41.3	37.5	33.8	30.0	22.5	18.8	15.0	11.3	7.5	3.8
-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: P722383

CATALOG NUMBER: IFLD-M-SA4D-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	7.5	3.8	0.0	0.0
65°	7.5	3.8	0.0	0.0
62.5°	7.5	3.8	0.0	0.0
60°	7.5	3.8	0.0	0.0
57.5°	11.3	3.8	3.8	0.0
55°	11.3	3.8	3.8	0.0
52.5°	11.3	3.8	3.8	0.0
50°	11.3	7.5	3.8	0.0
47.5°	11.3	7.5	3.8	0.0
45°	11.3	7.5	3.8	0.0
42.5°	11.3	7.5	3.8	0.0
40°	15.0	7.5	3.8	0.0
37.5°	15.0	7.5	3.8	0.0
35°	15.0	7.5	3.8	0.0
32.5°	15.0	7.5	3.8	0.0
30°	15.0	7.5	3.8	0.0
27.5°	15.0	11.3	3.8	0.0
25°	15.0	11.3	3.8	0.0
22.5°	18.8	11.3	3.8	0.0
20°	18.8	11.3	3.8	0.0
17.5°	18.8	11.3	3.8	0.0
15°	18.8	11.3	3.8	0.0
12.5°	18.8	11.3	3.8	0.0
10°	18.8	11.3	3.8	0.0
7.5°	18.8	11.3	3.8	0.0
5°	18.8	11.3	3.8	0.0
2.5°	18.8	11.3	3.8	0.0
0°	18.8	11.3	3.8	0.0
-2.5°	18.8	11.3	3.8	0.0
-5°	18.8	11.3	3.8	0.0
-7.5°	18.8	11.3	3.8	0.0
-10°	18.8	11.3	3.8	0.0
-12.5°	22.5	11.3	3.8	0.0
-15°	22.5	11.3	3.8	0.0
-17.5°	22.5	11.3	3.8	0.0
-20°	22.5	11.3	3.8	0.0

REPORT NUMBER: P722383

CATALOG NUMBER: IFLD-M-SA4D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.5	11.3	3.8	0.0
-25°	22.5	11.3	3.8	0.0
-27.5°	22.5	11.3	3.8	0.0
-30°	22.5	11.3	3.8	0.0
-32.5°	22.5	11.3	3.8	0.0
-35°	22.5	11.3	3.8	0.0
-37.5°	22.5	11.3	3.8	0.0
-40°	22.5	11.3	3.8	0.0
-42.5°	18.8	11.3	3.8	0.0
-45°	22.5	11.3	3.8	0.0
-47.5°	22.5	11.3	3.8	0.0
-50°	22.5	11.3	3.8	0.0
-52.5°	22.5	11.3	3.8	0.0
-55°	22.5	11.3	3.8	0.0
-57.5°	22.5	11.3	3.8	0.0
-60°	22.5	11.3	3.8	0.0
-62.5°	18.8	11.3	3.8	0.0
-65°	18.8	7.5	3.8	0.0
-67.5°	18.8	7.5	3.8	0.0
-70°	18.8	7.5	3.8	0.0
-72.5°	15.0	7.5	3.8	0.0
-75°	15.0	7.5	3.8	0.0
-77.5°	11.3	3.8	0.0	0.0
-80°	11.3	3.8	0.0	0.0
-82.5°	7.5	3.8	0.0	0.0
-85°	3.8	3.8	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)