

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: P722722

Luminaire Tested: **IFLD-S-SA3E-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722722
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19930.1 lumens	Max Intensity:	13913.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	12714.5 lumens	Field Lumens:	18789.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

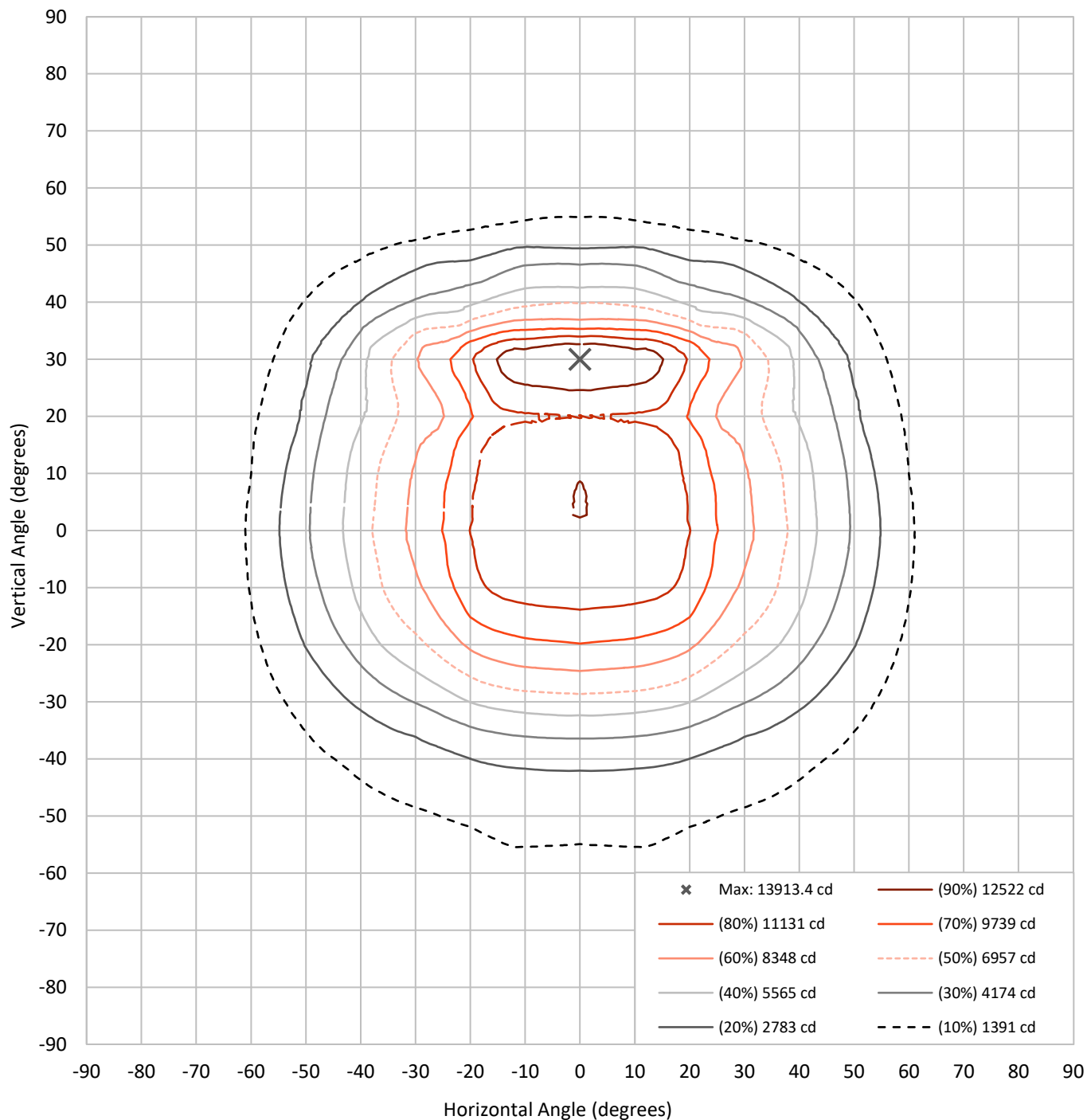
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

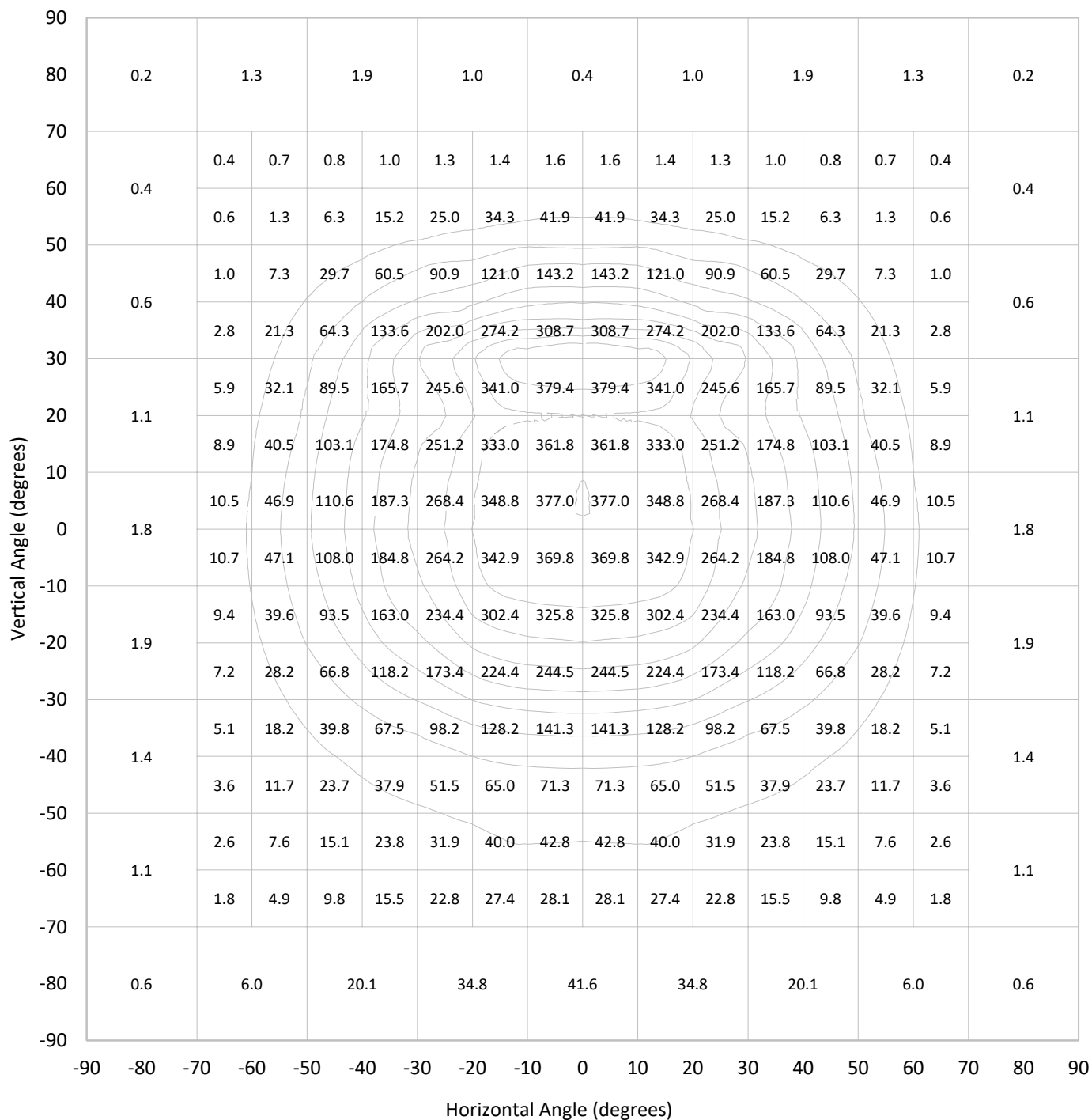
Iso-Candela Plot



REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

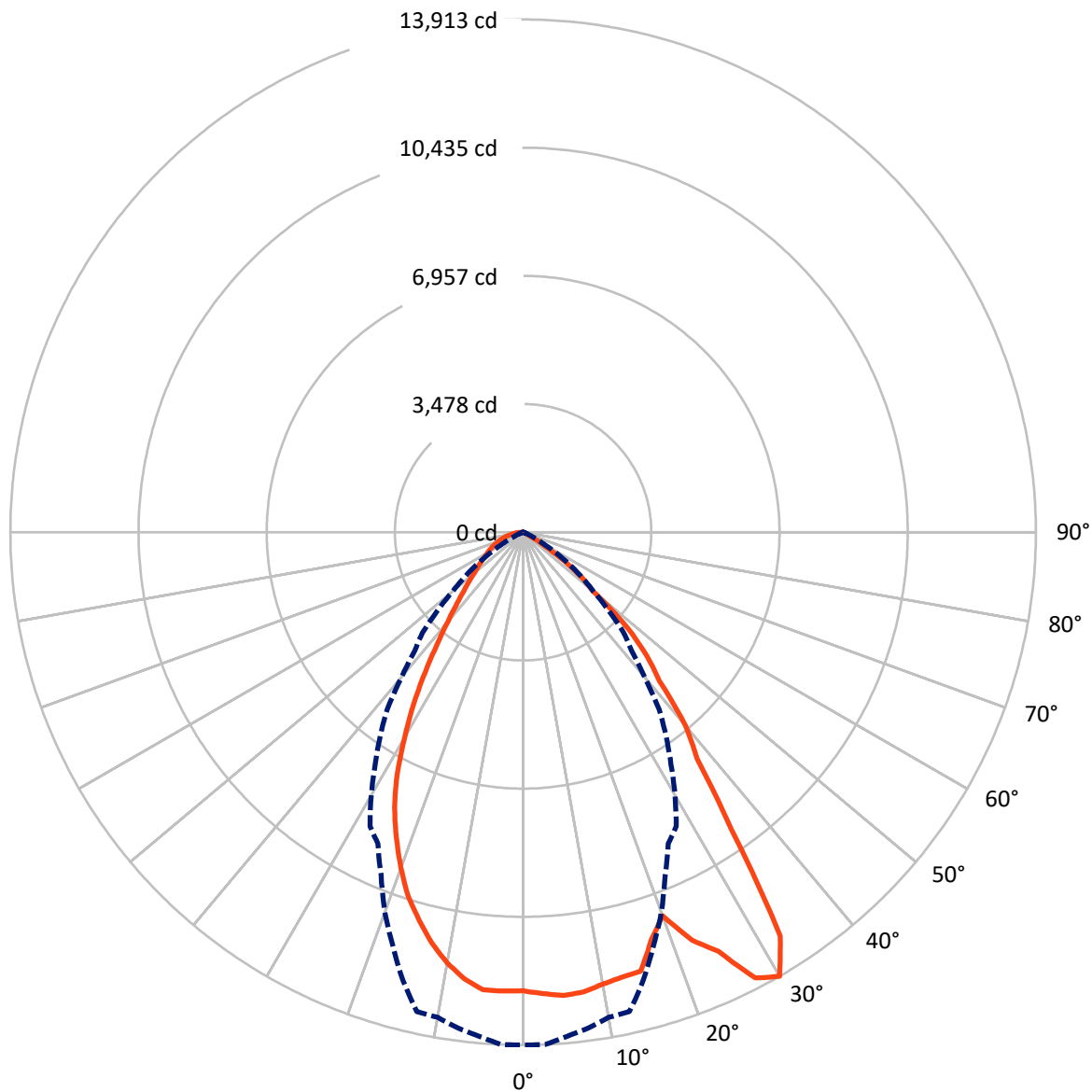
Lumen Table



REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

Luminous Intensity Polar Plot



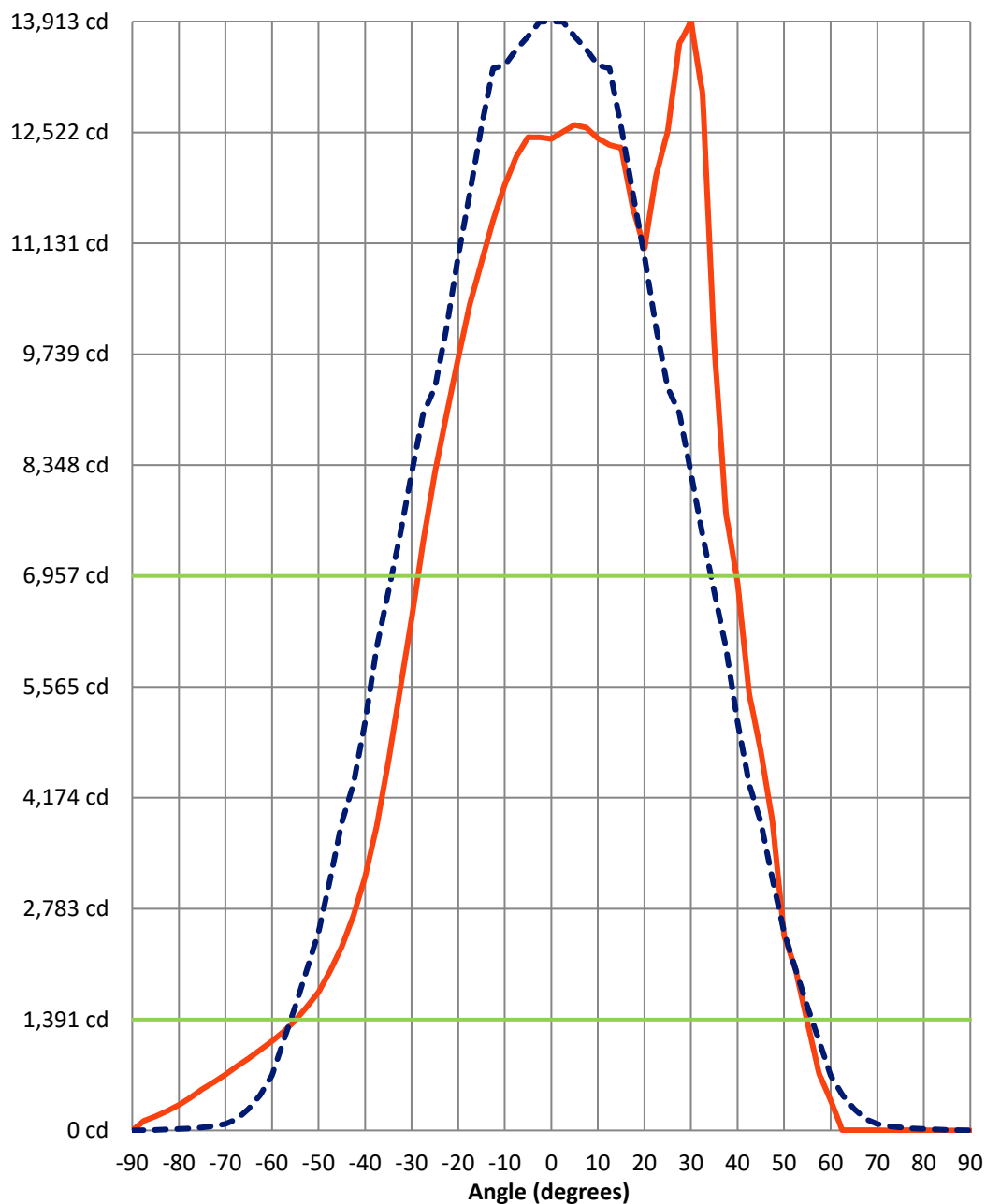
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12714.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 18789.6

Efficiency: 94.3%

Spill:

Lumens: 1140.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-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	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	6.3	6.3	6.3	9.5
82.5°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	6.3	9.5	9.5	12.7
80°	3.2	3.2	3.2	3.2	6.3	6.3	6.3	9.5	9.5	12.7	12.7
77.5°	3.2	3.2	3.2	6.3	6.3	6.3	9.5	9.5	12.7	12.7	15.9
75°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	15.9
72.5°	0.0	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	12.7
70°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	12.7
67.5°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	12.7	12.7	12.7	15.9
65°	3.2	3.2	3.2	6.3	9.5	9.5	12.7	15.9	15.9	19.0	22.2
62.5°	3.2	6.3	6.3	9.5	12.7	15.9	34.9	53.9	53.9	38.1	31.7
60°	377.6	409.3	406.1	368.1	320.5	269.7	260.2	250.7	231.6	203.1	212.6
57.5°	717.1	755.2	771.0	761.5	736.1	691.7	666.3	637.8	599.7	555.3	504.5
55°	1358.0	1373.9	1339.0	1272.4	1199.4	1126.4	1101.0	1062.9	1005.8	948.7	872.6
52.5°	2008.5	2062.4	2046.6	1979.9	1881.6	1751.5	1608.7	1497.6	1431.0	1367.5	1291.4
50°	2452.7	2474.9	2519.3	2598.6	2627.2	2538.4	2306.7	2008.5	1795.9	1903.8	1821.3
47.5°	3871.0	3982.1	3959.8	3902.7	3807.5	3566.4	3242.8	2976.2	2754.1	2681.1	2693.8
45°	4756.3	4800.7	4784.8	4759.4	4715.0	4489.7	4131.2	3721.9	3515.6	3433.1	3347.5
42.5°	5482.9	5530.5	5540.0	5543.1	5495.6	5289.3	4965.7	4556.4	4350.1	4112.1	3924.9
40°	6869.4	6939.2	6859.9	6755.2	6596.6	6361.8	6044.5	5666.9	5302.0	5010.1	4788.0
37.5°	7754.7	7840.4	7872.1	7865.7	7830.8	7729.3	7339.0	6980.5	6422.1	5768.4	5885.8
35°	9855.2	9944.0	9918.6	9823.5	9772.7	9664.8	9284.1	8858.9	8157.7	7446.9	7256.5
32.5°	12986.9	13180.4	12818.7	12422.1	12177.8	12263.5	11876.4	10835.6	10512.0	9230.1	8636.8
30°	13913.4	13910.2	13726.2	13564.4	13364.5	13323.2	12593.4	11762.1	10968.9	10070.9	9322.1
27.5°	13631.0	13573.9	13418.4	13301.0	13113.8	13015.4	12301.5	11641.6	10724.6	9921.8	9198.4
25°	12542.7	12587.1	12428.5	12406.2	12333.3	12142.9	11787.5	11045.0	10226.4	9338.0	8817.6
22.5°	11981.1	11965.2	11774.8	11663.8	11752.6	11549.5	11406.8	10657.9	9804.4	9055.6	8430.5
20°	11067.3	11070.4	11022.8	11013.3	10959.4	10867.4	10753.1	10223.3	9620.4	8979.5	8227.5
17.5°	11578.1	11708.2	11765.3	11292.5	11425.8	11321.1	11200.5	10461.2	10007.5	9439.5	8459.1
15°	12326.9	12279.3	12222.2	12196.8	12123.8	12025.5	11806.6	11216.4	10435.8	9848.8	9084.2
12.5°	12365.0	12273.0	12250.8	12247.6	12171.4	12035.0	11822.4	11333.8	10642.1	9928.2	9306.3
10°	12447.5	12352.3	12339.6	12355.5	12238.1	12152.4	11939.8	11486.1	10705.5	10064.6	9477.6
7.5°	12580.8	12422.1	12495.1	12447.5	12393.6	12257.1	12028.7	11584.4	10937.2	10245.5	9629.9
5°	12615.7	12441.1	12520.5	12476.0	12396.7	12263.5	12016.0	11647.9	11079.9	10318.4	9690.2
2.5°	12530.0	12479.2	12444.3	12361.8	12326.9	12181.0	11946.2	11552.7	11013.3	10286.7	9677.5
0°	12441.1	12485.6	12406.2	12323.7	12307.9	12190.5	11990.6	11635.2	11168.8	10375.6	9785.4
-2.5°	12460.2	12425.3	12371.3	12285.7	12203.2	12035.0	11854.1	11521.0	11019.7	10182.0	9633.1
-5°	12460.2	12298.4	12304.7	12307.9	12225.4	12050.9	11831.9	11549.5	10930.8	10178.8	9588.7
-7.5°	12219.0	12079.4	12057.2	12038.2	12016.0	11854.1	11682.8	11330.6	10781.7	10096.3	9464.9
-10°	11863.7	11727.2	11739.9	11711.4	11641.6	11533.7	11403.6	11086.3	10635.7	9836.2	9214.3
-12.5°	11419.5	11359.2	11324.3	11276.7	11206.9	11111.7	10978.4	10680.2	10197.9	9515.7	8925.5
-15°	10892.7	10848.3	10816.6	10788.0	10686.5	10588.1	10413.6	10137.6	9836.2	9103.2	8500.3
-17.5°	10366.0	10255.0	10210.6	10172.5	10105.9	9947.2	9788.6	9582.3	9160.3	8579.7	8062.5
-20°	9690.2	9623.6	9569.6	9518.9	9423.7	9299.9	9169.8	8931.9	8567.0	8097.4	7561.1

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8982.6	8944.6	8900.1	8836.7	8773.2	8655.8	8475.0	8246.5	7960.9	7453.3	6951.9
-25°	8252.8	8179.9	8125.9	8065.6	8014.9	7907.0	7732.5	7513.6	7155.0	6717.1	6298.3
-27.5°	7393.0	7323.2	7294.6	7224.8	7180.4	7082.0	6907.5	6704.4	6380.8	6012.7	5587.6
-30°	6422.1	6434.7	6403.0	6336.4	6282.4	6155.5	6022.3	5850.9	5597.1	5244.9	4864.1
-32.5°	5524.1	5540.0	5501.9	5432.1	5362.3	5270.3	5146.5	4991.1	4800.7	4464.3	4134.4
-35°	4626.2	4619.8	4588.1	4546.8	4499.2	4423.1	4283.5	4166.1	3947.2	3712.4	3483.9
-37.5°	3820.2	3836.1	3826.6	3804.4	3750.4	3687.0	3572.7	3464.9	3303.0	3096.8	2919.1
-40°	3182.5	3201.5	3188.8	3166.6	3119.0	3080.9	3004.8	2909.6	2779.5	2601.8	2452.7
-42.5°	2693.8	2706.5	2690.7	2671.6	2630.4	2601.8	2541.5	2462.2	2354.3	2217.9	2084.6
-45°	2306.7	2309.9	2294.0	2281.4	2249.6	2214.7	2164.0	2100.5	2014.8	1919.6	1811.8
-47.5°	2002.1	1999.0	1983.1	1970.4	1945.0	1913.3	1872.0	1814.9	1748.3	1675.3	1589.6
-50°	1735.6	1751.5	1745.1	1732.4	1713.4	1691.2	1649.9	1589.6	1523.0	1469.1	1408.8
-52.5°	1551.6	1554.7	1551.6	1551.6	1548.4	1532.5	1484.9	1424.7	1351.7	1304.1	1253.3
-55°	1380.2	1396.1	1402.4	1408.8	1412.0	1412.0	1354.9	1291.4	1221.6	1174.0	1135.9
-57.5°	1240.6	1250.1	1256.5	1272.4	1285.0	1294.6	1243.8	1186.7	1132.7	1088.3	1053.4
-60°	1120.1	1132.7	1142.3	1158.1	1167.6	1174.0	1142.3	1104.2	1072.5	1043.9	993.1
-62.5°	1012.2	1021.7	1031.2	1040.7	1050.2	1056.6	1043.9	1024.9	1009.0	996.3	932.8
-65°	904.3	913.8	923.3	936.0	945.5	951.9	948.7	936.0	923.3	910.6	853.5
-67.5°	805.9	815.4	828.1	831.3	837.7	840.8	834.5	825.0	809.1	793.2	748.8
-70°	701.2	707.6	713.9	713.9	713.9	710.7	704.4	691.7	675.8	653.6	618.7
-72.5°	606.0	612.4	618.7	609.2	602.9	593.3	583.8	568.0	552.1	536.2	517.2
-75°	517.2	520.4	520.4	507.7	498.2	488.6	475.9	466.4	450.6	437.9	422.0
-77.5°	412.5	412.5	412.5	403.0	396.6	390.3	380.8	371.2	358.5	349.0	336.3
-80°	320.5	320.5	320.5	317.3	307.8	301.4	295.1	288.7	279.2	272.9	266.5
-82.5°	244.3	244.3	244.3	241.1	234.8	231.6	225.3	218.9	215.8	209.4	206.2
-85°	177.7	180.9	180.9	177.7	174.5	168.2	165.0	161.8	158.6	155.5	149.1
-87.5°	120.6	120.6	120.6	117.4	114.2	114.2	111.1	104.7	98.4	95.2	92.0
-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: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	9.5	9.5	9.5	12.7	12.7	12.7	12.7	12.7	12.7	12.7	9.5
82.5°	15.9	15.9	19.0	19.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2
80°	15.9	19.0	22.2	25.4	28.6	31.7	31.7	31.7	31.7	28.6	28.6
77.5°	19.0	19.0	22.2	25.4	28.6	31.7	34.9	38.1	34.9	34.9	34.9
75°	19.0	22.2	22.2	25.4	28.6	31.7	34.9	38.1	38.1	38.1	38.1
72.5°	15.9	19.0	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9	38.1
70°	15.9	19.0	22.2	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9
67.5°	19.0	22.2	22.2	25.4	28.6	28.6	28.6	31.7	31.7	34.9	34.9
65°	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9	34.9	38.1	38.1
62.5°	38.1	38.1	38.1	34.9	38.1	38.1	38.1	41.2	41.2	38.1	41.2
60°	196.7	142.8	98.4	123.7	111.1	50.8	50.8	50.8	47.6	47.6	44.4
57.5°	463.3	431.5	371.2	314.1	282.4	250.7	155.5	63.5	63.5	57.1	50.8
55°	774.2	669.5	625.1	548.9	466.4	428.3	355.4	241.1	114.2	76.2	66.6
52.5°	1199.4	1101.0	986.8	831.3	720.3	631.4	571.1	453.7	304.6	161.8	101.5
50°	1605.5	1561.1	1491.3	1339.0	1107.4	958.2	859.9	726.6	545.7	333.2	190.4
47.5°	2586.0	2214.7	1989.4	1872.0	1678.5	1396.1	1205.7	1056.6	837.7	561.6	336.3
45°	3255.4	3020.7	2662.1	2414.6	2129.1	1830.8	1583.3	1412.0	1151.8	840.8	526.7
42.5°	3829.8	3626.7	3303.0	2941.3	2639.9	2249.6	1932.3	1707.0	1488.1	1148.6	786.9
40°	4569.1	4327.9	4017.0	3664.8	3312.6	2814.4	2300.4	2027.5	1786.4	1484.9	1062.9
37.5°	5787.5	5362.3	4854.6	4464.3	4004.3	3582.3	2877.9	2395.6	2110.0	1795.9	1386.6
35°	7253.4	6786.9	5939.8	5422.6	4807.0	4178.8	3544.2	2830.3	2424.1	2091.0	1684.8
32.5°	8617.7	7935.6	6850.4	6244.4	5835.1	4676.9	4020.1	3401.4	2747.8	2338.5	1856.2
30°	8995.3	8243.3	7466.0	6758.4	6060.3	5124.3	4346.9	3864.7	3153.9	2487.6	2018.0
27.5°	8614.6	8097.4	7494.5	6837.7	6082.5	5279.8	4546.8	4086.8	3452.2	2589.1	2144.9
25°	8227.5	7688.1	7266.1	6717.1	6019.1	5270.3	4553.2	4226.4	3683.8	2785.9	2214.7
22.5°	7818.2	7481.8	7132.8	6520.4	5860.4	5298.8	4759.4	4346.9	3804.4	3008.0	2243.3
20°	7840.4	7621.4	7237.5	6418.9	5831.9	5467.0	5006.9	4499.2	3934.5	3201.5	2265.5
17.5°	8195.7	7910.2	7427.9	6717.1	6088.9	5638.3	5213.2	4708.7	4067.7	3372.8	2535.2
15°	8633.6	8198.9	7694.4	7069.3	6358.6	5825.5	5371.8	4854.6	4220.0	3531.5	2776.3
12.5°	8950.9	8332.2	7859.4	7294.6	6650.5	6028.6	5476.5	4965.7	4362.8	3661.6	2957.2
10°	9058.8	8497.2	7938.7	7434.2	6799.6	6136.5	5555.8	5035.5	4486.6	3763.1	3090.5
7.5°	9115.9	8639.9	7992.7	7497.7	6888.5	6203.1	5619.3	5073.6	4584.9	3832.9	3176.1
5°	9109.5	8716.1	8033.9	7516.7	6936.1	6231.7	5663.7	5083.1	4654.7	3893.2	3226.9
2.5°	9081.0	8766.9	8100.5	7548.5	7031.3	6285.6	5749.4	5102.1	4680.1	3959.8	3261.8
0°	9185.7	8770.0	8170.4	7558.0	7094.7	6304.7	5787.5	5086.2	4645.2	3978.9	3258.6
-2.5°	8960.4	8582.8	8154.5	7475.5	7009.1	6260.2	5717.7	5035.5	4569.1	3956.7	3245.9
-5°	8922.3	8446.4	8021.2	7399.3	6866.3	6168.2	5587.6	4940.3	4448.5	3883.7	3195.2
-7.5°	8820.8	8316.3	7891.1	7339.0	6733.0	6073.0	5463.8	4841.9	4318.4	3769.5	3122.2
-10°	8598.7	8116.4	7751.5	7208.9	6571.2	5936.6	5314.7	4711.8	4166.1	3614.0	3008.0
-12.5°	8281.4	7799.1	7437.4	6932.9	6368.1	5752.6	5137.0	4543.7	3991.6	3449.0	2871.5
-15°	7922.9	7434.2	7072.5	6612.4	6066.7	5467.0	4911.7	4331.1	3791.7	3274.5	2709.7
-17.5°	7516.7	7053.5	6704.4	6257.1	5714.5	5143.4	4591.3	4064.6	3560.1	3093.6	2522.5
-20°	7047.1	6596.6	6276.1	5828.7	5330.6	4775.3	4239.1	3740.9	3287.2	2849.3	2316.3

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-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°	6466.5	6069.9	5705.0	5305.2	4870.5	4362.8	3864.7	3423.6	2988.9	2560.6	2103.7
-25°	5873.1	5489.2	5133.8	4768.9	4353.3	3915.4	3490.2	3090.5	2665.3	2278.2	1897.4
-27.5°	5213.2	4870.5	4553.2	4216.9	3836.1	3458.5	3109.5	2719.2	2351.2	2021.2	1694.4
-30°	4508.8	4229.5	3953.5	3655.2	3347.5	3030.2	2719.2	2351.2	2062.4	1799.1	1523.0
-32.5°	3832.9	3582.3	3360.2	3138.0	2871.5	2611.3	2335.3	2062.4	1821.3	1589.6	1358.0
-35°	3239.6	2973.1	2849.3	2671.6	2459.0	2224.2	1999.0	1808.6	1615.0	1405.6	1199.4
-37.5°	2725.6	2554.2	2408.3	2275.0	2106.8	1903.8	1742.0	1586.5	1424.7	1234.3	1056.6
-40°	2322.6	2198.9	2052.9	1954.5	1818.1	1672.1	1510.3	1380.2	1243.8	1088.3	942.4
-42.5°	1999.0	1897.4	1802.2	1697.5	1596.0	1472.2	1332.6	1208.9	1085.1	970.9	850.4
-45°	1732.4	1659.5	1583.3	1497.6	1408.8	1300.9	1186.7	1059.8	970.9	869.4	767.9
-47.5°	1513.5	1459.6	1396.1	1329.5	1253.3	1158.1	1053.4	961.4	869.4	783.7	685.4
-50°	1339.0	1288.2	1237.5	1180.3	1113.7	1031.2	951.9	866.2	780.5	698.0	606.0
-52.5°	1193.0	1148.6	1107.4	1059.8	996.3	926.5	853.5	777.4	698.0	615.6	542.6
-55°	1091.5	1040.7	999.5	951.9	894.8	828.1	761.5	691.7	615.6	552.1	491.8
-57.5°	1009.0	951.9	904.3	853.5	796.4	739.3	679.0	615.6	558.4	498.2	441.0
-60°	939.2	872.6	818.6	767.9	713.9	660.0	609.2	555.3	501.3	447.4	390.3
-62.5°	866.2	796.4	729.8	682.2	640.9	593.3	548.9	498.2	450.6	396.6	355.4
-65°	783.7	717.1	653.6	612.4	574.3	533.1	491.8	447.4	406.1	364.9	326.8
-67.5°	691.7	634.6	590.2	552.1	514.0	479.1	441.0	403.0	368.1	326.8	288.7
-70°	580.7	548.9	523.5	495.0	460.1	428.3	393.4	358.5	320.5	285.6	250.7
-72.5°	495.0	475.9	456.9	428.3	396.6	368.1	339.5	307.8	276.0	244.3	215.8
-75°	406.1	390.3	374.4	355.4	330.0	307.8	282.4	253.8	228.5	206.2	184.0
-77.5°	326.8	314.1	304.6	288.7	269.7	250.7	234.8	215.8	196.7	174.5	152.3
-80°	260.2	253.8	250.7	244.3	228.5	212.6	199.9	184.0	165.0	149.1	133.3
-82.5°	203.1	203.1	199.9	196.7	184.0	171.3	161.8	149.1	136.4	123.7	107.9
-85°	149.1	146.0	146.0	142.8	133.3	126.9	117.4	111.1	101.5	88.8	82.5
-87.5°	88.8	85.7	82.5	79.3	73.0	69.8	63.5	60.3	53.9	47.6	44.4
-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: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	9.5	6.3	6.3	6.3	6.3	6.3	3.2	3.2	3.2	3.2	3.2
82.5°	19.0	19.0	15.9	15.9	12.7	9.5	6.3	6.3	6.3	3.2	3.2
80°	28.6	28.6	28.6	25.4	22.2	15.9	12.7	9.5	6.3	3.2	3.2
77.5°	34.9	31.7	31.7	28.6	28.6	25.4	19.0	15.9	9.5	6.3	3.2
75°	34.9	34.9	34.9	31.7	31.7	28.6	25.4	19.0	15.9	9.5	6.3
72.5°	38.1	34.9	34.9	34.9	31.7	28.6	25.4	22.2	19.0	12.7	6.3
70°	34.9	34.9	34.9	34.9	31.7	31.7	25.4	22.2	22.2	12.7	9.5
67.5°	34.9	34.9	34.9	31.7	31.7	28.6	25.4	22.2	22.2	15.9	9.5
65°	38.1	34.9	34.9	34.9	31.7	28.6	25.4	22.2	22.2	19.0	12.7
62.5°	41.2	38.1	38.1	34.9	31.7	28.6	25.4	22.2	22.2	19.0	12.7
60°	44.4	41.2	38.1	38.1	34.9	31.7	25.4	25.4	22.2	19.0	12.7
57.5°	47.6	44.4	44.4	41.2	38.1	34.9	28.6	25.4	22.2	19.0	15.9
55°	57.1	50.8	47.6	47.6	44.4	38.1	31.7	25.4	22.2	19.0	15.9
52.5°	76.2	60.3	53.9	53.9	50.8	44.4	34.9	28.6	22.2	19.0	15.9
50°	120.6	76.2	63.5	57.1	57.1	50.8	41.2	31.7	22.2	19.0	15.9
47.5°	190.4	126.9	76.2	66.6	63.5	60.3	47.6	31.7	25.4	19.0	15.9
45°	314.1	187.2	123.7	79.3	66.6	63.5	53.9	34.9	25.4	22.2	15.9
42.5°	431.5	291.9	190.4	95.2	79.3	69.8	57.1	38.1	28.6	22.2	15.9
40°	679.0	399.8	266.5	155.5	92.0	73.0	63.5	44.4	28.6	22.2	15.9
37.5°	920.2	529.9	358.5	228.5	104.7	82.5	66.6	47.6	31.7	22.2	19.0
35°	1161.3	742.5	444.2	304.6	139.6	98.4	69.8	50.8	31.7	22.2	19.0
32.5°	1377.1	942.4	533.1	380.8	209.4	117.4	76.2	53.9	34.9	25.4	19.0
30°	1554.7	1126.4	691.7	447.4	272.9	142.8	82.5	53.9	38.1	25.4	19.0
27.5°	1688.0	1269.2	853.5	517.2	326.8	168.2	95.2	60.3	38.1	25.4	19.0
25°	1795.9	1380.2	996.3	590.2	374.4	209.4	114.2	63.5	41.2	28.6	19.0
22.5°	1881.6	1472.2	1113.7	688.5	431.5	250.7	139.6	69.8	41.2	28.6	19.0
20°	1999.0	1564.3	1193.0	793.2	491.8	288.7	161.8	76.2	41.2	28.6	22.2
17.5°	2100.5	1656.3	1256.5	882.1	552.1	317.3	187.2	82.5	44.4	28.6	22.2
15°	2217.9	1745.1	1313.6	951.9	609.2	342.7	209.4	88.8	44.4	31.7	22.2
12.5°	2344.8	1827.6	1354.9	1009.0	669.5	364.9	228.5	101.5	47.6	31.7	22.2
10°	2474.9	1897.4	1389.8	1050.2	713.9	387.1	241.1	114.2	50.8	31.7	22.2
7.5°	2605.0	1960.9	1434.2	1069.3	733.0	412.5	247.5	126.9	50.8	34.9	22.2
5°	2693.8	2002.1	1497.6	1082.0	742.5	441.0	257.0	142.8	53.9	34.9	22.2
2.5°	2770.0	2027.5	1564.3	1091.5	745.6	456.9	253.8	152.3	57.1	34.9	22.2
0°	2804.9	2027.5	1608.7	1085.1	736.1	472.8	253.8	161.8	57.1	34.9	22.2
-2.5°	2750.9	2084.6	1596.0	1088.3	739.3	472.8	266.5	165.0	63.5	38.1	22.2
-5°	2665.3	2106.8	1557.9	1072.5	733.0	472.8	282.4	168.2	66.6	38.1	25.4
-7.5°	2582.8	2116.4	1513.5	1056.6	723.4	460.1	285.6	165.0	73.0	41.2	25.4
-10°	2474.9	2011.7	1456.4	1028.0	704.4	450.6	291.9	165.0	76.2	41.2	25.4
-12.5°	2351.2	1884.7	1386.6	986.8	682.2	441.0	295.1	165.0	79.3	44.4	25.4
-15°	2208.4	1754.6	1307.3	942.4	650.5	428.3	288.7	161.8	82.5	44.4	28.6
-17.5°	2046.6	1627.7	1224.8	888.4	615.6	412.5	276.0	158.6	82.5	44.4	28.6
-20°	1862.5	1500.8	1132.7	834.5	574.3	393.4	263.4	152.3	82.5	44.4	28.6

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1697.5	1383.4	1037.6	774.2	529.9	371.2	247.5	146.0	82.5	47.6	28.6
-25°	1561.1	1269.2	964.6	713.9	482.3	345.9	231.6	139.6	82.5	47.6	28.6
-27.5°	1418.3	1145.4	888.4	656.8	450.6	323.6	215.8	133.3	79.3	47.6	28.6
-30°	1272.4	1024.9	809.1	593.3	418.8	301.4	203.1	123.7	79.3	47.6	28.6
-32.5°	1139.1	926.5	736.1	529.9	383.9	279.2	190.4	120.6	76.2	47.6	28.6
-35°	1009.0	837.7	660.0	479.1	345.9	257.0	177.7	117.4	76.2	47.6	28.6
-37.5°	901.1	755.2	590.2	444.2	323.6	238.0	165.0	111.1	73.0	47.6	28.6
-40°	812.3	679.0	523.5	406.1	304.6	218.9	152.3	107.9	73.0	47.6	28.6
-42.5°	729.8	606.0	482.3	374.4	285.6	206.2	142.8	104.7	69.8	47.6	28.6
-45°	656.8	542.6	441.0	345.9	263.4	190.4	136.4	98.4	66.6	47.6	31.7
-47.5°	583.8	498.2	403.0	320.5	241.1	171.3	130.1	95.2	63.5	44.4	31.7
-50°	526.7	450.6	371.2	291.9	218.9	165.0	123.7	88.8	63.5	44.4	31.7
-52.5°	475.9	406.1	336.3	263.4	199.9	155.5	117.4	82.5	60.3	44.4	31.7
-55°	428.3	364.9	301.4	234.8	187.2	146.0	107.9	76.2	60.3	44.4	31.7
-57.5°	380.8	326.8	266.5	212.6	171.3	136.4	101.5	76.2	60.3	44.4	31.7
-60°	342.7	291.9	241.1	196.7	158.6	123.7	92.0	73.0	57.1	44.4	31.7
-62.5°	310.9	263.4	218.9	177.7	146.0	111.1	88.8	73.0	57.1	44.4	28.6
-65°	279.2	238.0	196.7	161.8	130.1	104.7	85.7	69.8	57.1	44.4	28.6
-67.5°	247.5	209.4	177.7	142.8	120.6	101.5	82.5	69.8	53.9	41.2	28.6
-70°	215.8	184.0	155.5	133.3	114.2	95.2	79.3	66.6	53.9	38.1	25.4
-72.5°	190.4	161.8	139.6	123.7	107.9	92.0	76.2	63.5	50.8	34.9	22.2
-75°	161.8	142.8	126.9	111.1	98.4	85.7	73.0	57.1	44.4	31.7	22.2
-77.5°	136.4	123.7	111.1	101.5	88.8	76.2	63.5	50.8	41.2	28.6	19.0
-80°	117.4	107.9	98.4	88.8	79.3	66.6	57.1	44.4	34.9	25.4	15.9
-82.5°	95.2	88.8	79.3	73.0	66.6	57.1	47.6	38.1	25.4	19.0	12.7
-85°	73.0	66.6	63.5	57.1	50.8	41.2	31.7	25.4	19.0	12.7	6.3
-87.5°	38.1	34.9	31.7	28.6	25.4	19.0	15.9	12.7	9.5	6.3	3.2
-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: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	6.3	3.2	0.0	0.0
65°	6.3	3.2	0.0	0.0
62.5°	6.3	3.2	0.0	0.0
60°	6.3	3.2	0.0	0.0
57.5°	9.5	3.2	3.2	0.0
55°	9.5	3.2	3.2	0.0
52.5°	9.5	3.2	3.2	0.0
50°	9.5	6.3	3.2	0.0
47.5°	9.5	6.3	3.2	0.0
45°	9.5	6.3	3.2	0.0
42.5°	9.5	6.3	3.2	0.0
40°	12.7	6.3	3.2	0.0
37.5°	12.7	6.3	3.2	0.0
35°	12.7	6.3	3.2	0.0
32.5°	12.7	6.3	3.2	0.0
30°	12.7	6.3	3.2	0.0
27.5°	12.7	9.5	3.2	0.0
25°	12.7	9.5	3.2	0.0
22.5°	15.9	9.5	3.2	0.0
20°	15.9	9.5	3.2	0.0
17.5°	15.9	9.5	3.2	0.0
15°	15.9	9.5	3.2	0.0
12.5°	15.9	9.5	3.2	0.0
10°	15.9	9.5	3.2	0.0
7.5°	15.9	9.5	3.2	0.0
5°	15.9	9.5	3.2	0.0
2.5°	15.9	9.5	3.2	0.0
0°	15.9	9.5	3.2	0.0
-2.5°	15.9	9.5	3.2	0.0
-5°	15.9	9.5	3.2	0.0
-7.5°	15.9	9.5	3.2	0.0
-10°	15.9	9.5	3.2	0.0
-12.5°	19.0	9.5	3.2	0.0
-15°	19.0	9.5	3.2	0.0
-17.5°	19.0	9.5	3.2	0.0
-20°	19.0	9.5	3.2	0.0

REPORT NUMBER: P722722

CATALOG NUMBER: IFLD-S-SA3E-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.0	9.5	3.2	0.0
-25°	19.0	9.5	3.2	0.0
-27.5°	19.0	9.5	3.2	0.0
-30°	19.0	9.5	3.2	0.0
-32.5°	19.0	9.5	3.2	0.0
-35°	19.0	9.5	3.2	0.0
-37.5°	19.0	9.5	3.2	0.0
-40°	19.0	9.5	3.2	0.0
-42.5°	15.9	9.5	3.2	0.0
-45°	19.0	9.5	3.2	0.0
-47.5°	19.0	9.5	3.2	0.0
-50°	19.0	9.5	3.2	0.0
-52.5°	19.0	9.5	3.2	0.0
-55°	19.0	9.5	3.2	0.0
-57.5°	19.0	9.5	3.2	0.0
-60°	19.0	9.5	3.2	0.0
-62.5°	15.9	9.5	3.2	0.0
-65°	15.9	6.3	3.2	0.0
-67.5°	15.9	6.3	3.2	0.0
-70°	15.9	6.3	3.2	0.0
-72.5°	12.7	6.3	3.2	0.0
-75°	12.7	6.3	3.2	0.0
-77.5°	9.5	3.2	0.0	0.0
-80°	9.5	3.2	0.0	0.0
-82.5°	6.3	3.2	0.0	0.0
-85°	3.2	3.2	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)