

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: P722669

Luminaire Tested: **IFLD-S-SA6E-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722669
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34627.2 lumens	Max Intensity:	24173.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	22090.7 lumens	Field Lumens:	32645.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

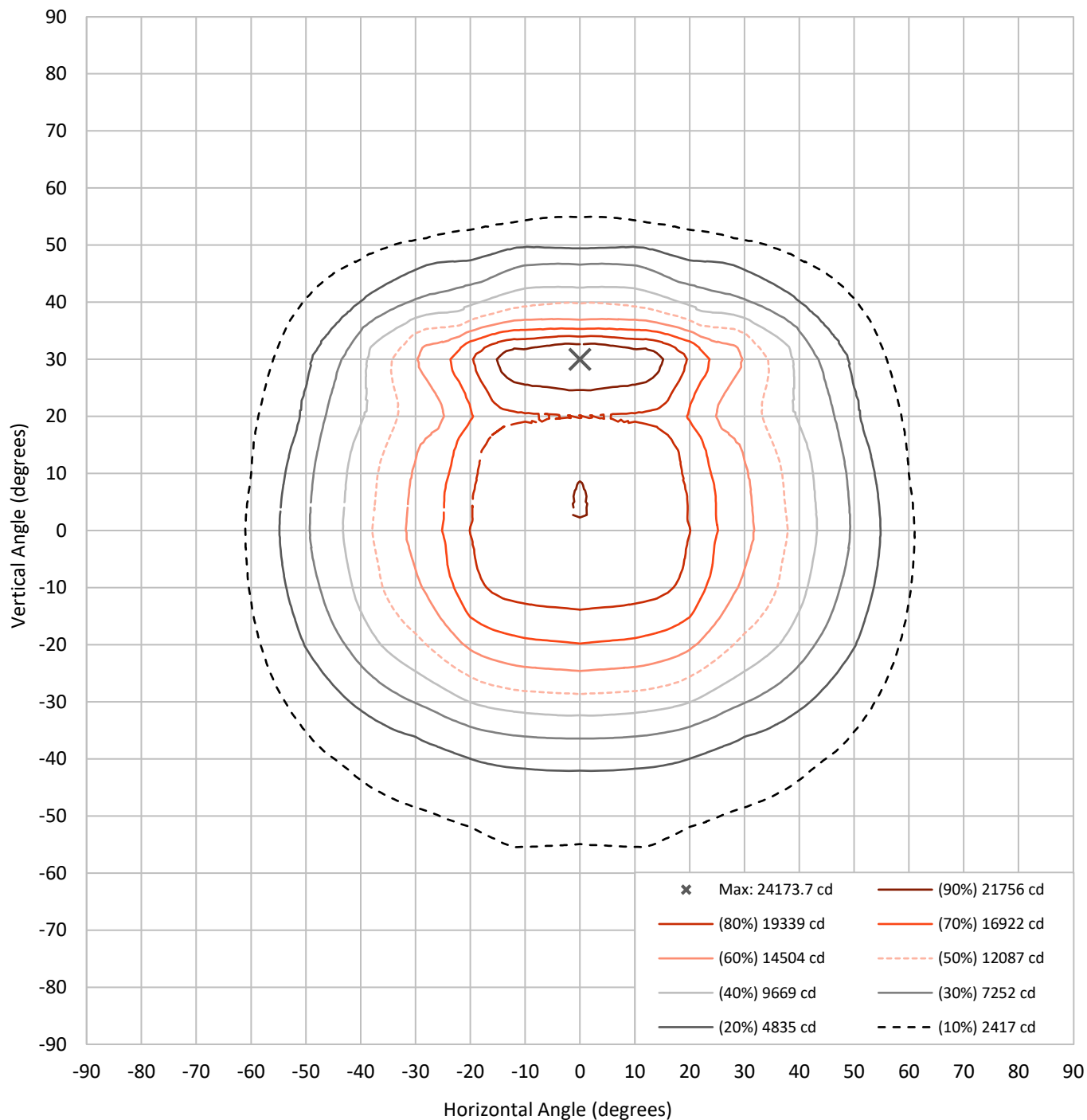
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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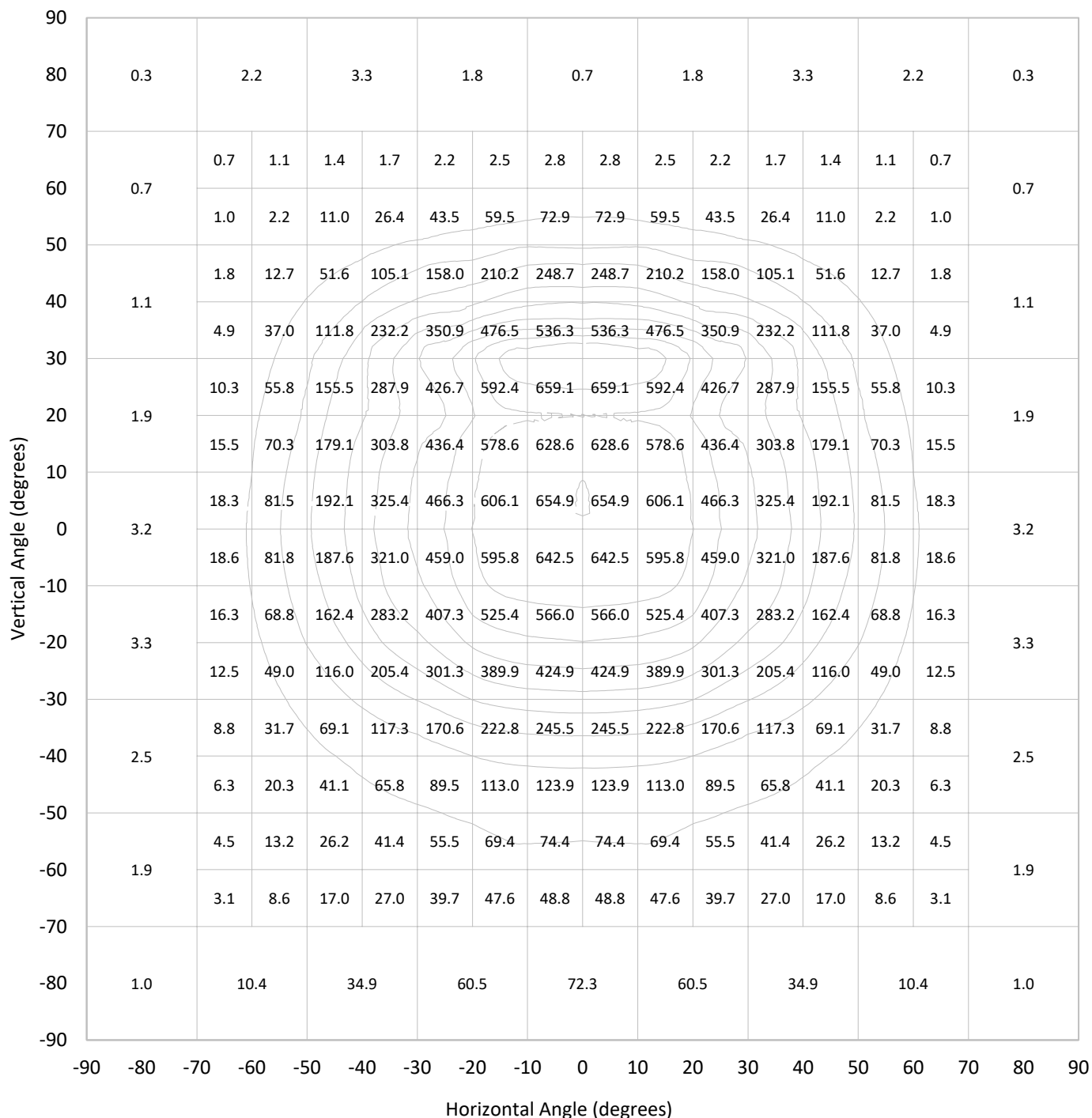
Iso-Candela Plot



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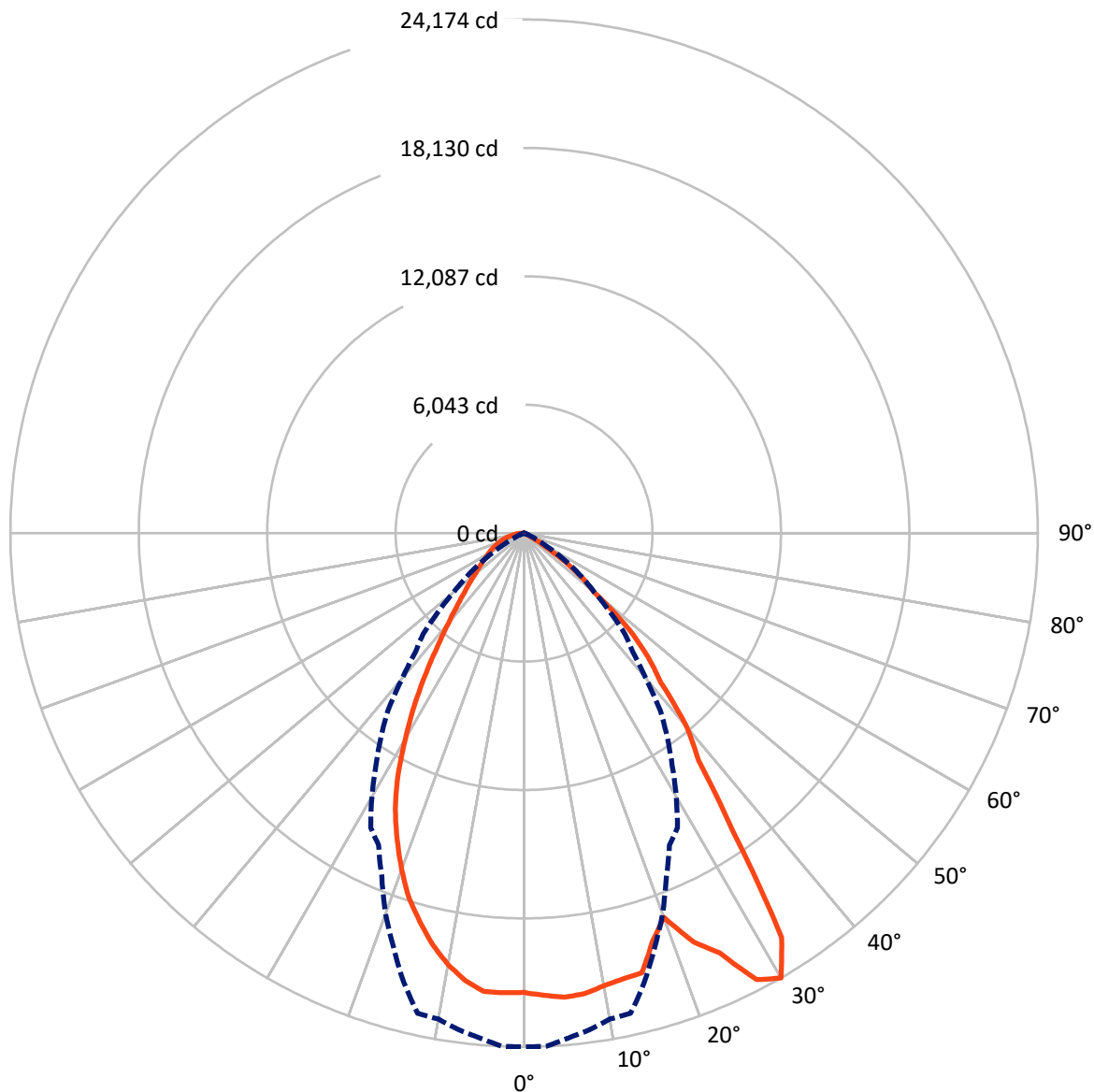
Lumen Table



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Luminous Intensity Polar Plot



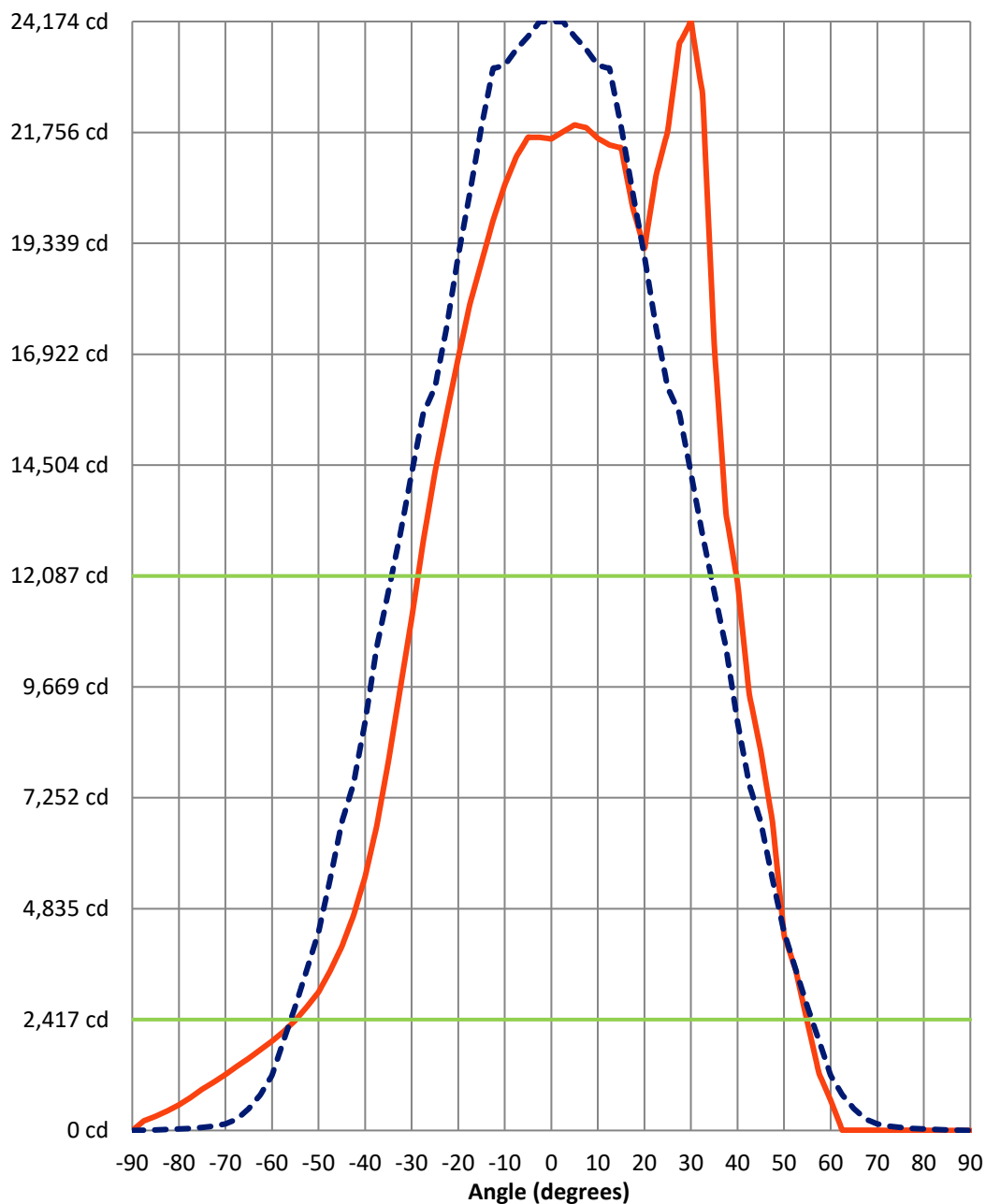
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22090.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 32645.7

Efficiency: 94.3%

Spill:

Lumens: 1981.5

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	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	11.0	11.0	16.5
82.5°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.5	16.5	22.1
80°	5.5	5.5	5.5	5.5	11.0	11.0	11.0	16.5	16.5	22.1	22.1
77.5°	5.5	5.5	5.5	11.0	11.0	11.0	16.5	16.5	22.1	22.1	27.6
75°	5.5	5.5	5.5	11.0	11.0	16.5	16.5	16.5	22.1	22.1	27.6
72.5°	0.0	5.5	5.5	11.0	11.0	16.5	16.5	16.5	22.1	22.1	22.1
70°	5.5	5.5	5.5	11.0	11.0	16.5	16.5	16.5	22.1	22.1	22.1
67.5°	5.5	5.5	5.5	11.0	11.0	16.5	16.5	22.1	22.1	22.1	27.6
65°	5.5	5.5	5.5	11.0	16.5	16.5	22.1	27.6	27.6	33.1	38.6
62.5°	5.5	11.0	11.0	16.5	22.1	27.6	60.6	93.7	93.7	66.2	55.1
60°	656.0	711.2	705.6	639.5	556.8	468.6	452.1	435.5	402.4	352.8	369.4
57.5°	1245.9	1312.0	1339.6	1323.1	1279.0	1201.8	1157.7	1108.1	1041.9	964.7	876.5
55°	2359.5	2387.0	2326.4	2210.6	2083.8	1957.0	1912.9	1846.8	1747.6	1648.3	1516.0
52.5°	3489.6	3583.3	3555.8	3440.0	3269.1	3043.1	2795.0	2602.0	2486.3	2376.0	2243.7
50°	4261.4	4300.0	4377.2	4515.0	4564.6	4410.2	4007.8	3489.6	3120.2	3307.7	3164.4
47.5°	6725.6	6918.6	6880.0	6780.8	6615.4	6196.4	5634.1	5171.0	4785.1	4658.3	4680.4
45°	8263.7	8340.9	8313.3	8269.2	8192.0	7800.6	7177.7	6466.5	6108.2	5964.9	5816.0
42.5°	9526.1	9608.8	9625.4	9630.9	9548.2	9189.9	8627.5	7916.4	7558.1	7144.6	6819.3
40°	11935.2	12056.5	11918.7	11736.8	11461.1	11053.2	10501.9	9845.9	9211.9	8704.7	8318.8
37.5°	13473.3	13622.1	13677.3	13666.3	13605.6	13429.2	12751.1	12128.2	11157.9	10022.3	10226.3
35°	17122.8	17277.1	17233.0	17067.7	16979.4	16792.0	16130.5	15391.8	14173.4	12938.6	12607.8
32.5°	22563.9	22900.2	22271.7	21582.6	21158.2	21307.0	20634.4	18826.2	18263.9	16036.8	15005.9
30°	24173.7	24168.1	23848.4	23567.3	23219.9	23148.3	21880.3	20436.0	19057.8	17497.7	16196.6
27.5°	23683.0	23583.8	23313.7	23109.7	22784.4	22613.5	21373.2	20226.5	18633.3	17238.6	15981.6
25°	21792.1	21869.3	21593.7	21555.1	21428.3	21097.5	20480.1	19190.1	17767.8	16224.2	15320.1
22.5°	20816.4	20788.8	20458.0	20265.1	20419.4	20066.6	19818.5	18517.5	17034.6	15733.6	14647.5
20°	19228.7	19234.2	19151.5	19135.0	19041.2	18881.4	18682.9	17762.3	16714.8	15601.2	14294.7
17.5°	20116.2	20342.3	20441.5	19620.1	19851.6	19669.7	19460.2	18175.7	17387.4	16400.6	14697.1
15°	21417.3	21334.6	21235.3	21191.2	21064.4	20893.5	20513.2	19487.8	18131.6	17111.8	15783.2
12.5°	21483.4	21323.5	21285.0	21279.4	21147.1	20910.1	20540.7	19691.7	18490.0	17249.6	16169.1
10°	21626.7	21461.4	21439.3	21466.9	21262.9	21114.1	20744.7	19956.4	18600.2	17486.6	16466.8
7.5°	21858.3	21582.6	21709.4	21626.7	21533.0	21296.0	20899.1	20127.3	19002.6	17800.9	16731.4
5°	21918.9	21615.7	21753.5	21676.4	21538.5	21307.0	20877.0	20237.5	19250.7	17927.7	16836.1
2.5°	21770.1	21681.9	21621.2	21477.9	21417.3	21163.7	20755.7	20072.1	19135.0	17872.5	16814.1
0°	21615.7	21692.9	21555.1	21411.7	21384.2	21180.2	20832.9	20215.5	19405.1	18026.9	17001.5
-2.5°	21648.8	21588.2	21494.4	21345.6	21202.3	20910.1	20595.9	20017.0	19146.0	17690.6	16736.9
-5°	21648.8	21367.6	21378.7	21384.2	21240.8	20937.6	20557.3	20066.6	18991.6	17685.1	16659.7
-7.5°	21229.8	20987.3	20948.7	20915.6	20877.0	20595.9	20298.2	19686.2	18732.5	17541.8	16444.7
-10°	20612.4	20375.3	20397.4	20347.8	20226.5	20039.1	19813.0	19261.8	18478.9	17089.7	16009.2
-12.5°	19840.6	19735.9	19675.2	19592.5	19471.2	19305.9	19074.3	18556.1	17718.2	16532.9	15507.5
-15°	18925.5	18848.3	18793.2	18743.5	18567.1	18396.2	18093.0	17613.4	17089.7	15816.2	14768.8
-17.5°	18010.3	17817.4	17740.2	17674.1	17558.3	17282.7	17007.0	16648.7	15915.5	14906.6	14008.0
-20°	16836.1	16720.3	16626.6	16538.4	16373.0	16158.0	15932.0	15518.6	14884.6	14068.7	13137.0



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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°	15606.8	15540.6	15463.4	15353.2	15242.9	15038.9	14724.7	14327.8	13831.6	12949.6	12078.6
-25°	14338.8	14212.0	14118.3	14013.6	13925.4	13737.9	13434.7	13054.3	12431.4	11670.6	10942.9
-27.5°	12844.8	12723.6	12673.9	12552.7	12475.5	12304.6	12001.4	11648.6	11086.3	10446.8	9708.1
-30°	11157.9	11180.0	11124.8	11009.1	10915.4	10694.8	10463.3	10165.6	9724.6	9112.7	8451.1
-32.5°	9597.8	9625.4	9559.2	9437.9	9316.6	9156.8	8941.8	8671.6	8340.9	7756.5	7183.2
-35°	8037.7	8026.6	7971.5	7899.9	7817.2	7684.9	7442.3	7238.3	6857.9	6450.0	6053.1
-37.5°	6637.4	6665.0	6648.4	6609.9	6516.1	6405.9	6207.4	6020.0	5738.8	5380.5	5071.8
-40°	5529.3	5562.4	5540.4	5501.8	5419.1	5352.9	5220.6	5055.2	4829.2	4520.5	4261.4
-42.5°	4680.4	4702.4	4674.9	4641.8	4570.1	4520.5	4415.8	4277.9	4090.5	3853.5	3621.9
-45°	4007.8	4013.3	3985.8	3963.7	3908.6	3847.9	3759.7	3649.5	3500.6	3335.2	3147.8
-47.5°	3478.6	3473.1	3445.5	3423.5	3379.4	3324.2	3252.6	3153.3	3037.6	2910.8	2761.9
-50°	3015.5	3043.1	3032.0	3010.0	2976.9	2938.3	2866.7	2761.9	2646.1	2552.4	2447.7
-52.5°	2695.8	2701.3	2695.8	2695.8	2690.3	2662.7	2580.0	2475.3	2348.5	2265.8	2177.6
-55°	2398.1	2425.6	2436.7	2447.7	2453.2	2453.2	2354.0	2243.7	2122.4	2039.7	1973.6
-57.5°	2155.5	2172.0	2183.1	2210.6	2232.7	2249.2	2161.0	2061.8	1968.1	1890.9	1830.3
-60°	1946.0	1968.1	1984.6	2012.2	2028.7	2039.7	1984.6	1918.5	1863.3	1813.7	1725.5
-62.5°	1758.6	1775.1	1791.7	1808.2	1824.7	1835.8	1813.7	1780.6	1753.1	1731.0	1620.8
-65°	1571.2	1587.7	1604.2	1626.3	1642.8	1653.8	1648.3	1626.3	1604.2	1582.2	1482.9
-67.5°	1400.3	1416.8	1438.8	1444.4	1455.4	1460.9	1449.9	1433.3	1405.8	1378.2	1301.0
-70°	1218.3	1229.4	1240.4	1240.4	1240.4	1234.9	1223.8	1201.8	1174.2	1135.6	1075.0
-72.5°	1052.9	1064.0	1075.0	1058.5	1047.4	1030.9	1014.4	986.8	959.2	931.7	898.6
-75°	898.6	904.1	904.1	882.0	865.5	849.0	826.9	810.4	782.8	760.8	733.2
-77.5°	716.7	716.7	716.7	700.1	689.1	678.1	661.5	645.0	622.9	606.4	584.4
-80°	556.8	556.8	556.8	551.3	534.7	523.7	512.7	501.7	485.1	474.1	463.1
-82.5°	424.5	424.5	424.5	419.0	407.9	402.4	391.4	380.4	374.9	363.8	358.3
-85°	308.7	314.2	314.2	308.7	303.2	292.2	286.7	281.2	275.6	270.1	259.1
-87.5°	209.5	209.5	209.5	204.0	198.5	198.5	192.9	181.9	170.9	165.4	159.9
-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	16.5	16.5	16.5	22.1	22.1	22.1	22.1	22.1	22.1	22.1	16.5
82.5°	27.6	27.6	33.1	33.1	38.6	38.6	38.6	38.6	38.6	38.6	38.6
80°	27.6	33.1	38.6	44.1	49.6	55.1	55.1	55.1	55.1	49.6	49.6
77.5°	33.1	33.1	38.6	44.1	49.6	55.1	60.6	66.2	60.6	60.6	60.6
75°	33.1	38.6	38.6	44.1	49.6	55.1	60.6	66.2	66.2	66.2	66.2
72.5°	27.6	33.1	38.6	44.1	44.1	49.6	55.1	55.1	60.6	60.6	66.2
70°	27.6	33.1	38.6	38.6	44.1	44.1	49.6	55.1	55.1	60.6	60.6
67.5°	33.1	38.6	38.6	44.1	49.6	49.6	49.6	55.1	55.1	60.6	60.6
65°	38.6	44.1	44.1	49.6	55.1	55.1	60.6	60.6	60.6	66.2	66.2
62.5°	66.2	66.2	66.2	60.6	66.2	66.2	66.2	71.7	71.7	66.2	71.7
60°	341.8	248.1	170.9	215.0	192.9	88.2	88.2	88.2	82.7	82.7	77.2
57.5°	804.9	749.7	645.0	545.8	490.6	435.5	270.1	110.3	110.3	99.2	88.2
55°	1345.1	1163.2	1086.0	953.7	810.4	744.2	617.4	419.0	198.5	132.3	115.8
52.5°	2083.8	1912.9	1714.5	1444.4	1251.4	1097.0	992.3	788.3	529.2	281.2	176.4
50°	2789.5	2712.3	2591.0	2326.4	1924.0	1664.9	1494.0	1262.4	948.2	578.8	330.8
47.5°	4492.9	3847.9	3456.5	3252.6	2916.3	2425.6	2094.9	1835.8	1455.4	975.8	584.4
45°	5656.1	5248.2	4625.2	4195.2	3699.1	3180.9	2750.9	2453.2	2001.1	1460.9	915.1
42.5°	6654.0	6301.1	5738.8	5110.4	4586.7	3908.6	3357.3	2965.9	2585.5	1995.6	1367.2
40°	7938.4	7519.5	6979.2	6367.3	5755.4	4889.9	3996.8	3522.7	3103.7	2580.0	1846.8
37.5°	10055.4	9316.6	8434.6	7756.5	6957.2	6224.0	5000.1	4162.2	3666.0	3120.2	2409.1
35°	12602.3	11791.9	10320.0	9421.4	8351.9	7260.4	6157.8	4917.4	4211.8	3632.9	2927.3
32.5°	14972.8	13787.5	11902.2	10849.2	10138.1	8125.9	6984.7	5909.7	4774.1	4062.9	3225.0
30°	15628.8	14322.3	12971.6	11742.3	10529.5	8903.2	7552.5	6714.6	5479.7	4322.0	3506.1
27.5°	14967.3	14068.7	13021.3	11880.1	10568.1	9173.3	7899.9	7100.5	5997.9	4498.5	3726.7
25°	14294.7	13357.5	12624.3	11670.6	10457.8	9156.8	7910.9	7343.1	6400.4	4840.2	3847.9
22.5°	13583.6	12999.2	12392.8	11328.8	10182.2	9206.4	8269.2	7552.5	6609.9	5226.1	3897.6
20°	13622.1	13241.8	12574.7	11152.4	10132.5	9498.6	8699.2	7817.2	6835.9	5562.4	3936.1
17.5°	14239.6	13743.4	12905.5	11670.6	10579.1	9796.3	9057.5	8181.0	7067.4	5860.1	4404.7
15°	15000.4	14245.1	13368.6	12282.5	11047.7	10121.5	9333.2	8434.6	7332.0	6135.8	4823.7
12.5°	15551.6	14476.6	13655.2	12673.9	11554.8	10474.3	9515.1	8627.5	7580.1	6361.8	5137.9
10°	15739.1	14763.3	13793.0	12916.5	11813.9	10661.8	9652.9	8748.8	7795.1	6538.2	5369.5
7.5°	15838.3	15011.4	13886.8	13026.8	11968.3	10777.5	9763.2	8815.0	7966.0	6659.5	5518.3
5°	15827.3	15143.7	13958.4	13059.8	12051.0	10827.2	9840.4	8831.5	8087.3	6764.2	5606.5
2.5°	15777.7	15231.9	14074.2	13115.0	12216.4	10920.9	9989.2	8864.6	8131.4	6880.0	5667.2
0°	15959.6	15237.4	14195.5	13131.5	12326.6	10953.9	10055.4	8837.0	8070.8	6913.1	5661.7
-2.5°	15568.2	14912.1	14167.9	12988.2	12177.8	10876.8	9934.1	8748.8	7938.4	6874.5	5639.6
-5°	15502.0	14675.1	13936.4	12855.9	11929.7	10716.9	9708.1	8583.4	7729.0	6747.7	5551.4
-7.5°	15325.6	14449.1	13710.4	12751.1	11698.2	10551.5	9493.1	8412.5	7502.9	6549.2	5424.6
-10°	14939.7	14101.8	13467.8	12525.1	11417.0	10314.5	9234.0	8186.5	7238.3	6279.1	5226.1
-12.5°	14388.4	13550.5	12922.0	12045.5	11064.2	9994.7	8925.2	7894.3	6935.1	5992.4	4989.1
-15°	13765.5	12916.5	12288.0	11488.7	10540.5	9498.6	8533.8	7525.0	6587.8	5689.2	4707.9
-17.5°	13059.8	12255.0	11648.6	10871.3	9928.6	8936.3	7977.0	7061.9	6185.4	5375.0	4382.7
-20°	12243.9	11461.1	10904.3	10127.0	9261.5	8296.8	7365.1	6499.6	5711.3	4950.5	4024.3

REPORT NUMBER: P722669

CATALOG NUMBER: IFLD-S-SA6E-930-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°	11235.1	10546.0	9912.0	9217.4	8462.2	7580.1	6714.6	5948.3	5193.1	4448.8	3655.0
-25°	10204.2	9537.2	8919.7	8285.8	7563.6	6802.8	6064.1	5369.5	4630.8	3958.2	3296.7
-27.5°	9057.5	8462.2	7910.9	7326.5	6665.0	6009.0	5402.6	4724.5	4085.0	3511.7	2943.8
-30°	7833.7	7348.6	6869.0	6350.8	5816.0	5264.7	4724.5	4085.0	3583.3	3125.8	2646.1
-32.5°	6659.5	6224.0	5838.1	5452.2	4989.1	4537.0	4057.4	3583.3	3164.4	2761.9	2359.5
-35°	5628.6	5165.5	4950.5	4641.8	4272.4	3864.5	3473.1	3142.3	2806.0	2442.2	2083.8
-37.5°	4735.5	4437.8	4184.2	3952.7	3660.5	3307.7	3026.5	2756.4	2475.3	2144.5	1835.8
-40°	4035.4	3820.4	3566.8	3395.9	3158.8	2905.2	2624.1	2398.1	2161.0	1890.9	1637.3
-42.5°	3473.1	3296.7	3131.3	2949.4	2772.9	2557.9	2315.4	2100.4	1885.4	1686.9	1477.4
-45°	3010.0	2883.2	2750.9	2602.0	2447.7	2260.3	2061.8	1841.3	1686.9	1510.5	1334.1
-47.5°	2629.6	2535.9	2425.6	2309.9	2177.6	2012.2	1830.3	1670.4	1510.5	1361.7	1190.8
-50°	2326.4	2238.2	2150.0	2050.8	1935.0	1791.7	1653.8	1505.0	1356.2	1212.8	1052.9
-52.5°	2072.8	1995.6	1924.0	1841.3	1731.0	1609.7	1482.9	1350.6	1212.8	1069.5	942.7
-55°	1896.4	1808.2	1736.5	1653.8	1554.6	1438.8	1323.1	1201.8	1069.5	959.2	854.5
-57.5°	1753.1	1653.8	1571.2	1482.9	1383.7	1284.5	1179.7	1069.5	970.3	865.5	766.3
-60°	1631.8	1516.0	1422.3	1334.1	1240.4	1146.7	1058.5	964.7	871.0	777.3	678.1
-62.5°	1505.0	1383.7	1267.9	1185.3	1113.6	1030.9	953.7	865.5	782.8	689.1	617.4
-65°	1361.7	1245.9	1135.6	1064.0	997.8	926.2	854.5	777.3	705.6	634.0	567.8
-67.5°	1201.8	1102.6	1025.4	959.2	893.1	832.4	766.3	700.1	639.5	567.8	501.7
-70°	1008.8	953.7	909.6	860.0	799.4	744.2	683.6	622.9	556.8	496.2	435.5
-72.5°	860.0	826.9	793.8	744.2	689.1	639.5	589.9	534.7	479.6	424.5	374.9
-75°	705.6	678.1	650.5	617.4	573.3	534.7	490.6	441.0	396.9	358.3	319.7
-77.5°	567.8	545.8	529.2	501.7	468.6	435.5	407.9	374.9	341.8	303.2	264.6
-80°	452.1	441.0	435.5	424.5	396.9	369.4	347.3	319.7	286.7	259.1	231.5
-82.5°	352.8	352.8	347.3	341.8	319.7	297.7	281.2	259.1	237.1	215.0	187.4
-85°	259.1	253.6	253.6	248.1	231.5	220.5	204.0	192.9	176.4	154.4	143.3
-87.5°	154.4	148.8	143.3	137.8	126.8	121.3	110.3	104.7	93.7	82.7	77.2
-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: P722669

CATALOG NUMBER: IFLD-S-SA6E-930-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	16.5	11.0	11.0	11.0	11.0	11.0	5.5	5.5	5.5	5.5	5.5
82.5°	33.1	33.1	27.6	27.6	22.1	16.5	11.0	11.0	11.0	5.5	5.5
80°	49.6	49.6	49.6	44.1	38.6	27.6	22.1	16.5	11.0	5.5	5.5
77.5°	60.6	55.1	55.1	49.6	49.6	44.1	33.1	27.6	16.5	11.0	5.5
75°	60.6	60.6	60.6	55.1	55.1	49.6	44.1	33.1	27.6	16.5	11.0
72.5°	66.2	60.6	60.6	60.6	55.1	49.6	44.1	38.6	33.1	22.1	11.0
70°	60.6	60.6	60.6	60.6	55.1	55.1	44.1	38.6	38.6	22.1	16.5
67.5°	60.6	60.6	60.6	55.1	55.1	49.6	44.1	38.6	38.6	27.6	16.5
65°	66.2	60.6	60.6	60.6	55.1	49.6	44.1	38.6	38.6	33.1	22.1
62.5°	71.7	66.2	66.2	60.6	55.1	49.6	44.1	38.6	38.6	33.1	22.1
60°	77.2	71.7	66.2	66.2	60.6	55.1	44.1	44.1	38.6	33.1	22.1
57.5°	82.7	77.2	77.2	71.7	66.2	60.6	49.6	44.1	38.6	33.1	27.6
55°	99.2	88.2	82.7	82.7	77.2	66.2	55.1	44.1	38.6	33.1	27.6
52.5°	132.3	104.7	93.7	93.7	88.2	77.2	60.6	49.6	38.6	33.1	27.6
50°	209.5	132.3	110.3	99.2	99.2	88.2	71.7	55.1	38.6	33.1	27.6
47.5°	330.8	220.5	132.3	115.8	110.3	104.7	82.7	55.1	44.1	33.1	27.6
45°	545.8	325.3	215.0	137.8	115.8	110.3	93.7	60.6	44.1	38.6	27.6
42.5°	749.7	507.2	330.8	165.4	137.8	121.3	99.2	66.2	49.6	38.6	27.6
40°	1179.7	694.6	463.1	270.1	159.9	126.8	110.3	77.2	49.6	38.6	27.6
37.5°	1598.7	920.6	622.9	396.9	181.9	143.3	115.8	82.7	55.1	38.6	33.1
35°	2017.7	1290.0	771.8	529.2	242.6	170.9	121.3	88.2	55.1	38.6	33.1
32.5°	2392.6	1637.3	926.2	661.5	363.8	204.0	132.3	93.7	60.6	44.1	33.1
30°	2701.3	1957.0	1201.8	777.3	474.1	248.1	143.3	93.7	66.2	44.1	33.1
27.5°	2932.8	2205.1	1482.9	898.6	567.8	292.2	165.4	104.7	66.2	44.1	33.1
25°	3120.2	2398.1	1731.0	1025.4	650.5	363.8	198.5	110.3	71.7	49.6	33.1
22.5°	3269.1	2557.9	1935.0	1196.3	749.7	435.5	242.6	121.3	71.7	49.6	33.1
20°	3473.1	2717.8	2072.8	1378.2	854.5	501.7	281.2	132.3	71.7	49.6	38.6
17.5°	3649.5	2877.7	2183.1	1532.6	959.2	551.3	325.3	143.3	77.2	49.6	38.6
15°	3853.5	3032.0	2282.3	1653.8	1058.5	595.4	363.8	154.4	77.2	55.1	38.6
12.5°	4074.0	3175.4	2354.0	1753.1	1163.2	634.0	396.9	176.4	82.7	55.1	38.6
10°	4300.0	3296.7	2414.6	1824.7	1240.4	672.6	419.0	198.5	88.2	55.1	38.6
7.5°	4526.0	3406.9	2491.8	1857.8	1273.5	716.7	430.0	220.5	88.2	60.6	38.6
5°	4680.4	3478.6	2602.0	1879.9	1290.0	766.3	446.5	248.1	93.7	60.6	38.6
2.5°	4812.7	3522.7	2717.8	1896.4	1295.5	793.8	441.0	264.6	99.2	60.6	38.6
0°	4873.3	3522.7	2795.0	1885.4	1279.0	821.4	441.0	281.2	99.2	60.6	38.6
-2.5°	4779.6	3621.9	2772.9	1890.9	1284.5	821.4	463.1	286.7	110.3	66.2	38.6
-5°	4630.8	3660.5	2706.8	1863.3	1273.5	821.4	490.6	292.2	115.8	66.2	44.1
-7.5°	4487.4	3677.0	2629.6	1835.8	1256.9	799.4	496.2	286.7	126.8	71.7	44.1
-10°	4300.0	3495.1	2530.4	1786.1	1223.8	782.8	507.2	286.7	132.3	71.7	44.1
-12.5°	4085.0	3274.6	2409.1	1714.5	1185.3	766.3	512.7	286.7	137.8	77.2	44.1
-15°	3836.9	3048.6	2271.3	1637.3	1130.1	744.2	501.7	281.2	143.3	77.2	49.6
-17.5°	3555.8	2828.1	2127.9	1543.6	1069.5	716.7	479.6	275.6	143.3	77.2	49.6
-20°	3236.0	2607.6	1968.1	1449.9	997.8	683.6	457.6	264.6	143.3	77.2	49.6

REPORT NUMBER: P722669

CATALOG NUMBER: IFLD-S-SA6E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2949.4	2403.6	1802.7	1345.1	920.6	645.0	430.0	253.6	143.3	82.7	49.6
-25°	2712.3	2205.1	1675.9	1240.4	837.9	600.9	402.4	242.6	143.3	82.7	49.6
-27.5°	2464.2	1990.1	1543.6	1141.2	782.8	562.3	374.9	231.5	137.8	82.7	49.6
-30°	2210.6	1780.6	1405.8	1030.9	727.7	523.7	352.8	215.0	137.8	82.7	49.6
-32.5°	1979.1	1609.7	1279.0	920.6	667.0	485.1	330.8	209.5	132.3	82.7	49.6
-35°	1753.1	1455.4	1146.7	832.4	600.9	446.5	308.7	204.0	132.3	82.7	49.6
-37.5°	1565.6	1312.0	1025.4	771.8	562.3	413.5	286.7	192.9	126.8	82.7	49.6
-40°	1411.3	1179.7	909.6	705.6	529.2	380.4	264.6	187.4	126.8	82.7	49.6
-42.5°	1267.9	1052.9	837.9	650.5	496.2	358.3	248.1	181.9	121.3	82.7	49.6
-45°	1141.2	942.7	766.3	600.9	457.6	330.8	237.1	170.9	115.8	82.7	55.1
-47.5°	1014.4	865.5	700.1	556.8	419.0	297.7	226.0	165.4	110.3	77.2	55.1
-50°	915.1	782.8	645.0	507.2	380.4	286.7	215.0	154.4	110.3	77.2	55.1
-52.5°	826.9	705.6	584.4	457.6	347.3	270.1	204.0	143.3	104.7	77.2	55.1
-55°	744.2	634.0	523.7	407.9	325.3	253.6	187.4	132.3	104.7	77.2	55.1
-57.5°	661.5	567.8	463.1	369.4	297.7	237.1	176.4	132.3	104.7	77.2	55.1
-60°	595.4	507.2	419.0	341.8	275.6	215.0	159.9	126.8	99.2	77.2	55.1
-62.5°	540.3	457.6	380.4	308.7	253.6	192.9	154.4	126.8	99.2	77.2	49.6
-65°	485.1	413.5	341.8	281.2	226.0	181.9	148.8	121.3	99.2	77.2	49.6
-67.5°	430.0	363.8	308.7	248.1	209.5	176.4	143.3	121.3	93.7	71.7	49.6
-70°	374.9	319.7	270.1	231.5	198.5	165.4	137.8	115.8	93.7	66.2	44.1
-72.5°	330.8	281.2	242.6	215.0	187.4	159.9	132.3	110.3	88.2	60.6	38.6
-75°	281.2	248.1	220.5	192.9	170.9	148.8	126.8	99.2	77.2	55.1	38.6
-77.5°	237.1	215.0	192.9	176.4	154.4	132.3	110.3	88.2	71.7	49.6	33.1
-80°	204.0	187.4	170.9	154.4	137.8	115.8	99.2	77.2	60.6	44.1	27.6
-82.5°	165.4	154.4	137.8	126.8	115.8	99.2	82.7	66.2	44.1	33.1	22.1
-85°	126.8	115.8	110.3	99.2	88.2	71.7	55.1	44.1	33.1	22.1	11.0
-87.5°	66.2	60.6	55.1	49.6	44.1	33.1	27.6	22.1	16.5	11.0	5.5
-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: P722669

CATALOG NUMBER: IFLD-S-SA6E-930-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	11.0	5.5	0.0	0.0
65°	11.0	5.5	0.0	0.0
62.5°	11.0	5.5	0.0	0.0
60°	11.0	5.5	0.0	0.0
57.5°	16.5	5.5	5.5	0.0
55°	16.5	5.5	5.5	0.0
52.5°	16.5	5.5	5.5	0.0
50°	16.5	11.0	5.5	0.0
47.5°	16.5	11.0	5.5	0.0
45°	16.5	11.0	5.5	0.0
42.5°	16.5	11.0	5.5	0.0
40°	22.1	11.0	5.5	0.0
37.5°	22.1	11.0	5.5	0.0
35°	22.1	11.0	5.5	0.0
32.5°	22.1	11.0	5.5	0.0
30°	22.1	11.0	5.5	0.0
27.5°	22.1	16.5	5.5	0.0
25°	22.1	16.5	5.5	0.0
22.5°	27.6	16.5	5.5	0.0
20°	27.6	16.5	5.5	0.0
17.5°	27.6	16.5	5.5	0.0
15°	27.6	16.5	5.5	0.0
12.5°	27.6	16.5	5.5	0.0
10°	27.6	16.5	5.5	0.0
7.5°	27.6	16.5	5.5	0.0
5°	27.6	16.5	5.5	0.0
2.5°	27.6	16.5	5.5	0.0
0°	27.6	16.5	5.5	0.0
-2.5°	27.6	16.5	5.5	0.0
-5°	27.6	16.5	5.5	0.0
-7.5°	27.6	16.5	5.5	0.0
-10°	27.6	16.5	5.5	0.0
-12.5°	33.1	16.5	5.5	0.0
-15°	33.1	16.5	5.5	0.0
-17.5°	33.1	16.5	5.5	0.0
-20°	33.1	16.5	5.5	0.0

REPORT NUMBER: P722669

CATALOG NUMBER: IFLD-S-SA6E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	33.1	16.5	5.5	0.0
-25°	33.1	16.5	5.5	0.0
-27.5°	33.1	16.5	5.5	0.0
-30°	33.1	16.5	5.5	0.0
-32.5°	33.1	16.5	5.5	0.0
-35°	33.1	16.5	5.5	0.0
-37.5°	33.1	16.5	5.5	0.0
-40°	33.1	16.5	5.5	0.0
-42.5°	27.6	16.5	5.5	0.0
-45°	33.1	16.5	5.5	0.0
-47.5°	33.1	16.5	5.5	0.0
-50°	33.1	16.5	5.5	0.0
-52.5°	33.1	16.5	5.5	0.0
-55°	33.1	16.5	5.5	0.0
-57.5°	33.1	16.5	5.5	0.0
-60°	33.1	16.5	5.5	0.0
-62.5°	27.6	16.5	5.5	0.0
-65°	27.6	11.0	5.5	0.0
-67.5°	27.6	11.0	5.5	0.0
-70°	27.6	11.0	5.5	0.0
-72.5°	22.1	11.0	5.5	0.0
-75°	22.1	11.0	5.5	0.0
-77.5°	16.5	5.5	0.0	0.0
-80°	16.5	5.5	0.0	0.0
-82.5°	11.0	5.5	0.0	0.0
-85°	5.5	5.5	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)