

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: P722431

Luminaire Tested: **IFLD-S-SA3D-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722431
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21701.5 lumens	Max Intensity:	15150.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.9 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:	13844.6 lumens	Field Lumens:	20459.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

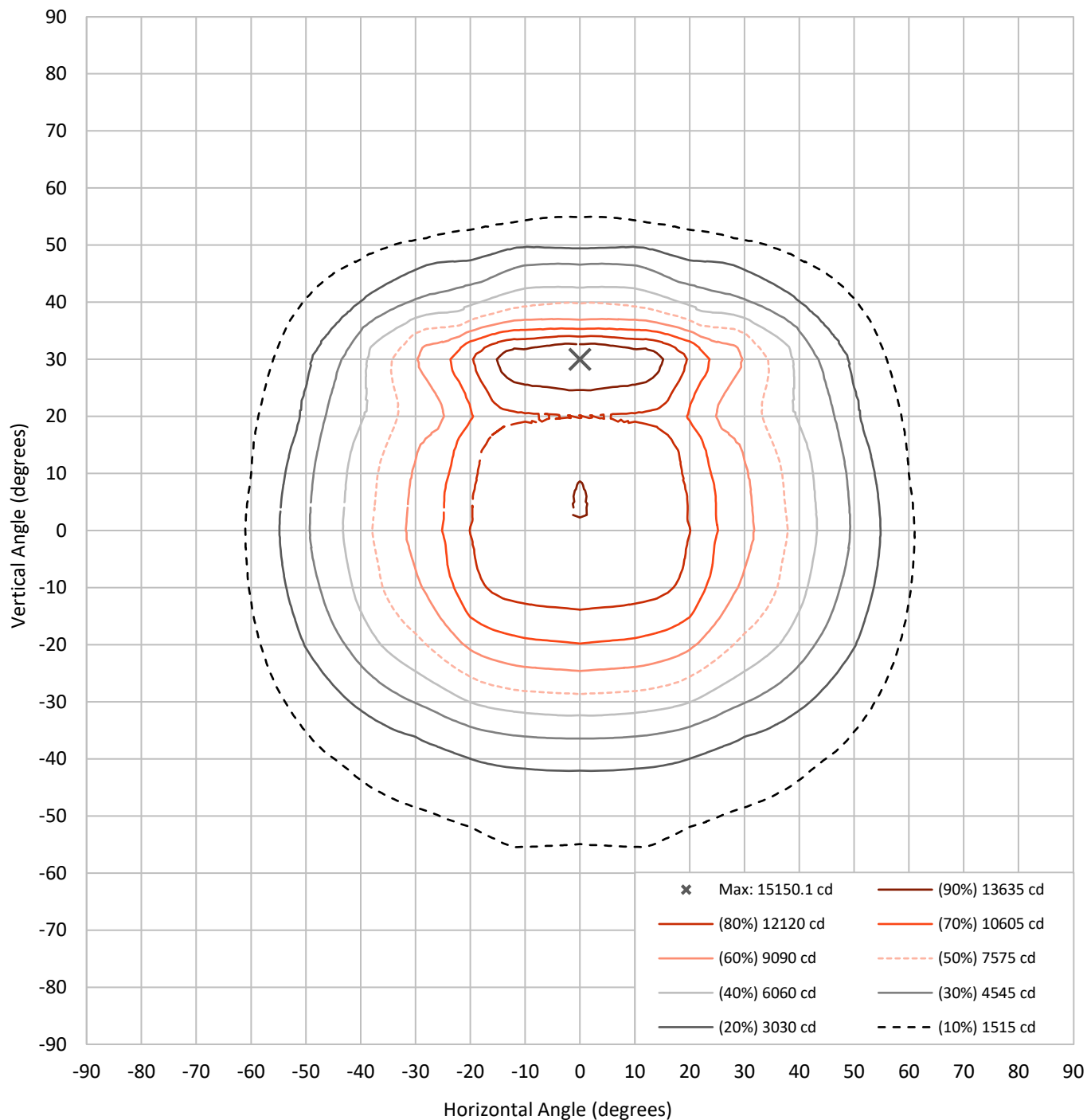
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

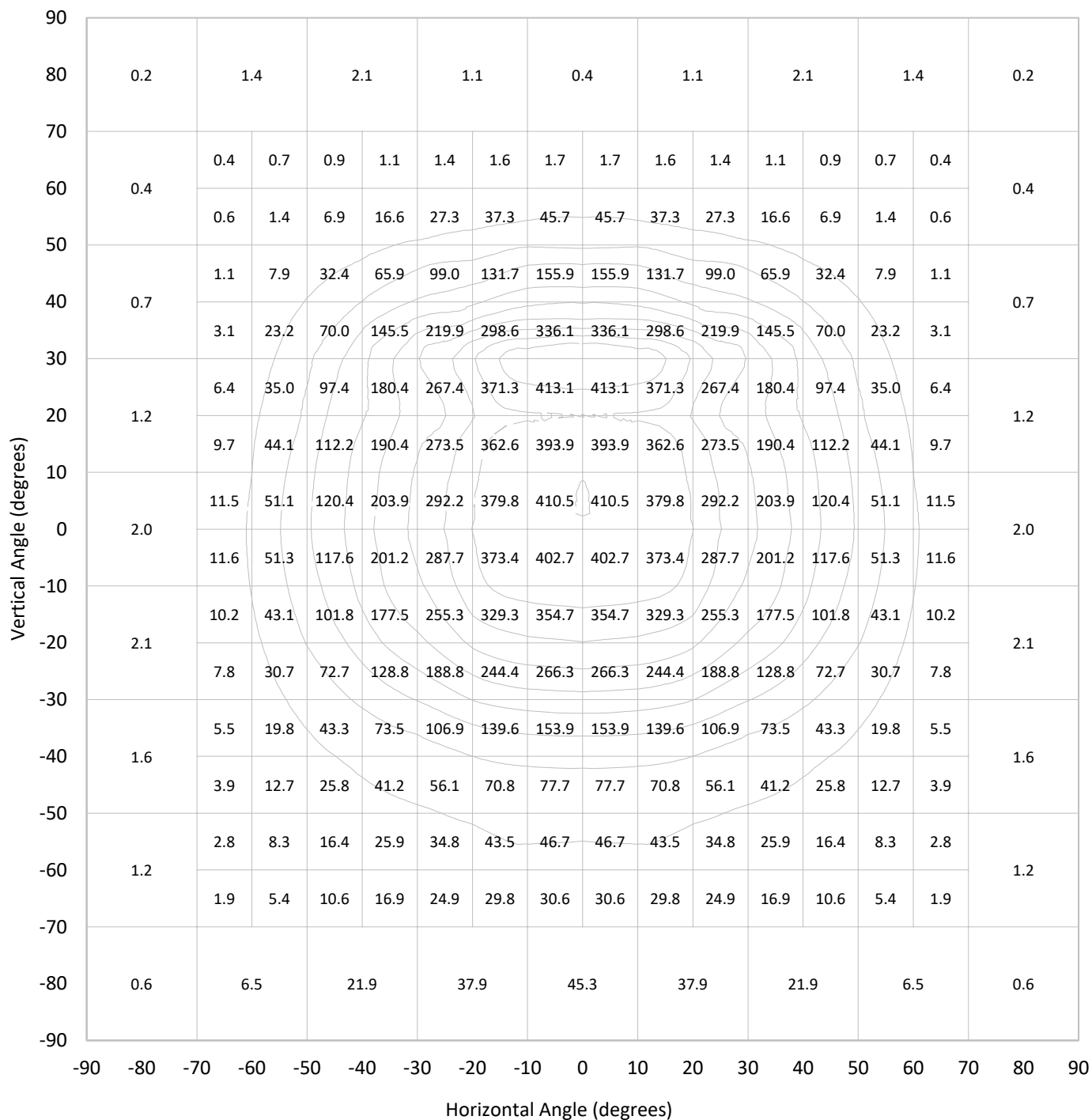
Iso-Candela Plot



REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

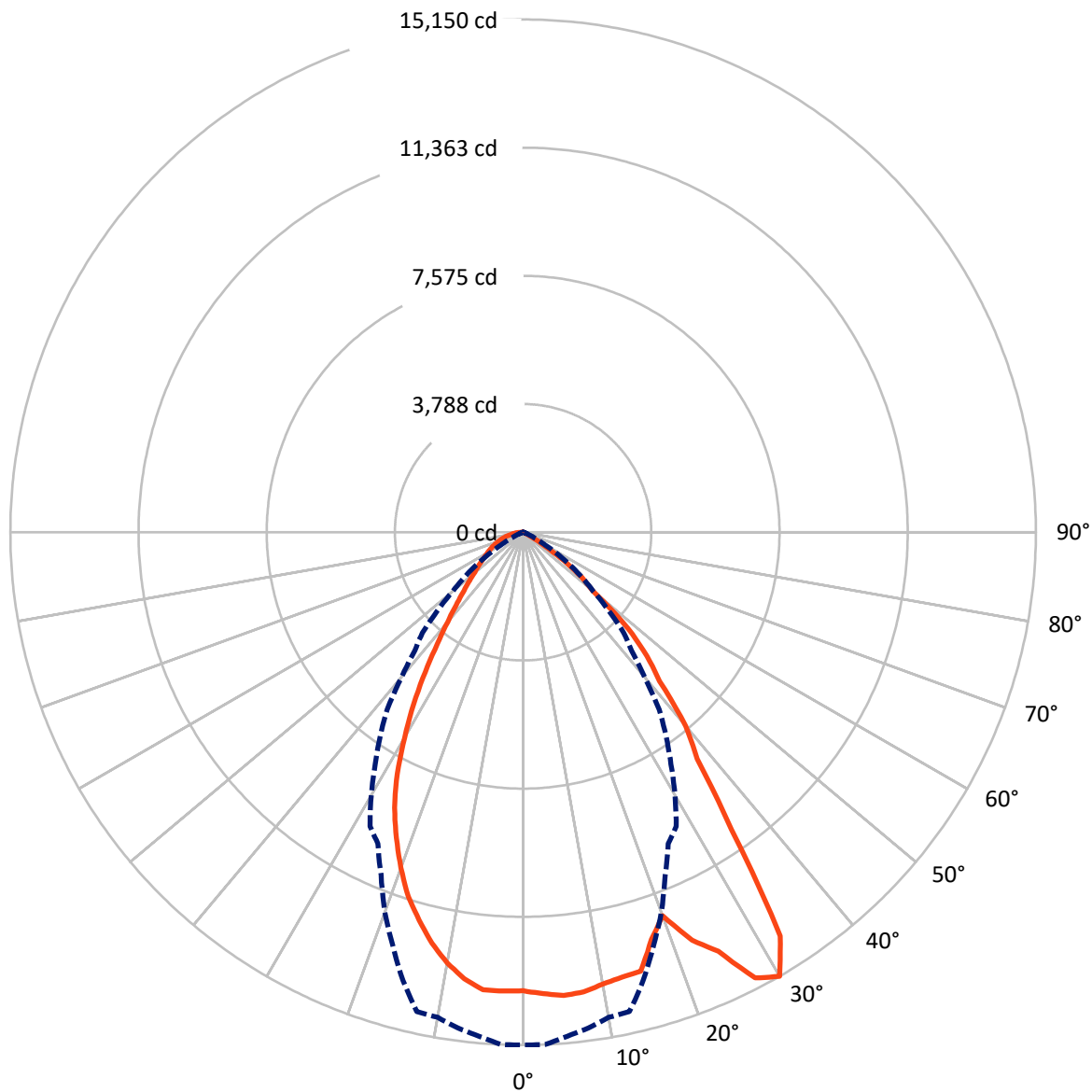
Lumen Table



REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

Luminous Intensity Polar Plot

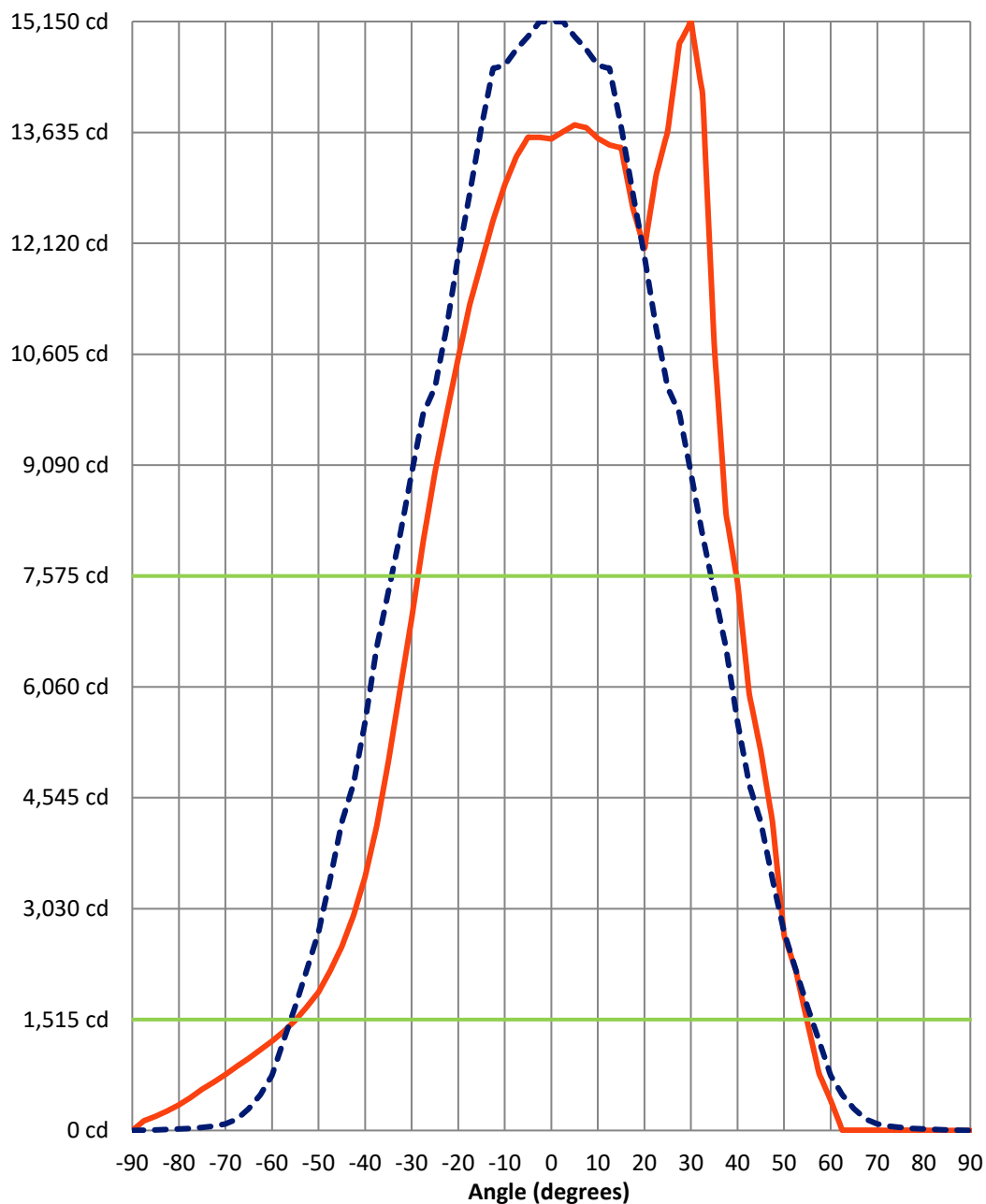


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13844.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20459.7

Efficiency: 94.3%

Spill:

Lumens: 1241.9

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-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	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	3.5	6.9	6.9	6.9	6.9	6.9	6.9	10.4
82.5°	0.0	3.5	3.5	3.5	6.9	6.9	6.9	6.9	10.4	10.4	13.8
80°	3.5	3.5	3.5	3.5	6.9	6.9	6.9	10.4	10.4	13.8	13.8
77.5°	3.5	3.5	3.5	6.9	6.9	6.9	10.4	10.4	13.8	13.8	17.3
75°	3.5	3.5	3.5	6.9	6.9	10.4	10.4	10.4	13.8	13.8	17.3
72.5°	0.0	3.5	3.5	6.9	6.9	10.4	10.4	10.4	13.8	13.8	13.8
70°	3.5	3.5	3.5	6.9	6.9	10.4	10.4	10.4	13.8	13.8	13.8
67.5°	3.5	3.5	3.5	6.9	6.9	10.4	10.4	13.8	13.8	13.8	17.3
65°	3.5	3.5	3.5	6.9	10.4	10.4	13.8	17.3	17.3	20.7	24.2
62.5°	3.5	6.9	6.9	10.4	13.8	17.3	38.0	58.7	58.7	41.5	34.5
60°	411.1	445.7	442.2	400.8	349.0	293.7	283.3	272.9	252.2	221.1	231.5
57.5°	780.8	822.3	839.6	829.2	801.6	753.2	725.5	694.4	653.0	604.6	549.3
55°	1478.7	1496.0	1458.0	1385.4	1306.0	1226.5	1198.9	1157.4	1095.2	1033.0	950.1
52.5°	2187.0	2245.7	2228.5	2155.9	2048.8	1907.1	1751.7	1630.7	1558.2	1489.1	1406.2
50°	2670.7	2694.9	2743.3	2829.6	2860.7	2764.0	2511.8	2187.0	1955.5	2073.0	1983.2
47.5°	4215.1	4336.0	4311.8	4249.6	4146.0	3883.4	3531.0	3240.8	2998.9	2919.5	2933.3
45°	5179.0	5227.4	5210.1	5182.5	5134.1	4888.8	4498.4	4052.7	3828.1	3738.3	3645.0
42.5°	5970.2	6022.0	6032.4	6035.8	5984.0	5759.4	5407.0	4961.3	4736.8	4477.6	4273.8
40°	7480.0	7556.0	7469.7	7355.6	7182.9	6927.2	6581.7	6170.6	5773.3	5455.4	5213.6
37.5°	8444.0	8537.2	8571.8	8564.9	8526.9	8416.3	7991.4	7600.9	6992.9	6281.1	6409.0
35°	10731.2	10827.9	10800.3	10696.6	10641.3	10523.9	10109.3	9646.3	8882.7	8108.8	7901.5
32.5°	14141.2	14352.0	13958.1	13526.2	13260.2	13353.5	12932.0	11798.7	11446.3	10050.5	9404.4
30°	15150.1	15146.6	14946.2	14770.0	14552.4	14507.4	13712.8	12807.6	11943.8	10966.1	10150.7
27.5°	14842.6	14780.4	14611.1	14483.3	14279.4	14172.3	13394.9	12676.3	11677.8	10803.7	10016.0
25°	13657.5	13705.9	13533.1	13509.0	13429.5	13222.2	12835.2	12026.8	11135.4	10168.0	9601.4
22.5°	13046.0	13028.7	12821.4	12700.5	12797.2	12576.1	12420.6	11605.3	10675.9	9860.5	9179.9
20°	12051.0	12054.4	12002.6	11992.2	11933.5	11833.3	11708.9	11131.9	10475.5	9777.6	8958.8
17.5°	12607.2	12748.9	12811.0	12296.3	12441.4	12327.4	12196.1	11391.1	10897.0	10278.6	9211.0
15°	13422.6	13370.8	13308.6	13280.9	13201.5	13094.4	12856.0	12213.3	11363.4	10724.2	9891.6
12.5°	13464.0	13363.8	13339.7	13336.2	13253.3	13104.7	12873.2	12341.2	11588.0	10810.6	10133.4
10°	13553.9	13450.2	13436.4	13453.7	13325.8	13232.6	13001.1	12507.0	11657.1	10959.2	10320.0
7.5°	13699.0	13526.2	13605.7	13553.9	13495.1	13346.6	13097.8	12614.1	11909.3	11156.1	10485.8
5°	13737.0	13547.0	13633.3	13585.0	13498.6	13353.5	13084.0	12683.2	12064.8	11235.6	10551.5
2.5°	13643.7	13588.4	13550.4	13460.6	13422.6	13263.6	13008.0	12579.6	11992.2	11201.0	10537.7
0°	13547.0	13595.3	13509.0	13419.1	13401.8	13274.0	13056.4	12669.4	12161.5	11297.8	10655.1
-2.5°	13567.7	13529.7	13470.9	13377.7	13287.8	13104.7	12907.8	12545.0	11999.1	11087.0	10489.3
-5°	13567.7	13391.5	13398.4	13401.8	13312.0	13122.0	12883.6	12576.1	11902.4	11083.6	10440.9
-7.5°	13305.1	13153.1	13128.9	13108.2	13084.0	12907.8	12721.2	12337.7	11740.0	10993.7	10306.2
-10°	12918.2	12769.6	12783.4	12752.3	12676.3	12558.8	12417.2	12071.7	11581.1	10710.4	10033.2
-12.5°	12434.5	12368.8	12330.8	12279.0	12203.0	12099.3	11954.2	11629.4	11104.3	10361.5	9718.8
-15°	11860.9	11812.6	11778.0	11746.9	11636.4	11529.3	11339.2	11038.6	10710.4	9912.3	9255.9
-17.5°	11287.4	11166.5	11118.1	11076.7	11004.1	10831.3	10658.6	10434.0	9974.5	9342.3	8779.1
-20°	10551.5	10478.9	10420.2	10364.9	10261.3	10126.5	9984.9	9725.8	9328.4	8817.1	8233.2

REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9781.0	9739.6	9691.2	9622.1	9553.0	9425.2	9228.2	8979.5	8668.5	8115.7	7569.9
-25°	8986.4	8906.9	8848.2	8782.5	8727.3	8609.8	8419.8	8181.4	7791.0	7314.2	6858.1
-27.5°	8050.1	7974.1	7943.0	7867.0	7818.6	7711.5	7521.5	7300.4	6948.0	6547.2	6084.2
-30°	6992.9	7006.7	6972.1	6899.6	6840.9	6702.7	6557.5	6371.0	6094.6	5711.1	5296.5
-32.5°	6015.1	6032.4	5990.9	5914.9	5838.9	5738.7	5604.0	5434.7	5227.4	4861.1	4501.8
-35°	5037.4	5030.4	4995.9	4951.0	4899.2	4816.2	4664.2	4536.4	4298.0	4042.3	3793.6
-37.5°	4159.8	4177.1	4166.7	4142.5	4083.8	4014.7	3890.3	3772.8	3596.6	3372.1	3178.6
-40°	3465.3	3486.1	3472.2	3448.1	3396.2	3354.8	3271.9	3168.2	3026.6	2833.1	2670.7
-42.5°	2933.3	2947.1	2929.8	2909.1	2864.2	2833.1	2767.4	2681.1	2563.6	2415.0	2269.9
-45°	2511.8	2515.2	2497.9	2484.1	2449.6	2411.6	2356.3	2287.2	2193.9	2090.3	1972.8
-47.5°	2180.1	2176.6	2159.4	2145.5	2117.9	2083.3	2038.4	1976.2	1903.7	1824.2	1730.9
-50°	1889.9	1907.1	1900.2	1886.4	1865.7	1841.5	1796.6	1730.9	1658.4	1599.7	1534.0
-52.5°	1689.5	1692.9	1689.5	1689.5	1686.0	1668.8	1616.9	1551.3	1471.8	1420.0	1364.7
-55°	1502.9	1520.2	1527.1	1534.0	1537.5	1537.5	1475.3	1406.2	1330.2	1278.3	1236.9
-57.5°	1350.9	1361.3	1368.2	1385.4	1399.3	1409.6	1354.4	1292.2	1233.4	1185.1	1147.1
-60°	1219.6	1233.4	1243.8	1261.1	1271.4	1278.3	1243.8	1202.3	1167.8	1136.7	1081.4
-62.5°	1102.1	1112.5	1122.9	1133.2	1143.6	1150.5	1136.7	1116.0	1098.7	1084.9	1015.8
-65°	984.7	995.0	1005.4	1019.2	1029.6	1036.5	1033.0	1019.2	1005.4	991.6	929.4
-67.5°	877.6	887.9	901.7	905.2	912.1	915.6	908.7	898.3	881.0	863.7	815.4
-70°	763.5	770.5	777.4	777.4	777.4	773.9	767.0	753.2	735.9	711.7	673.7
-72.5°	659.9	666.8	673.7	663.4	656.4	646.1	635.7	618.4	601.2	583.9	563.2
-75°	563.2	566.6	566.6	552.8	542.4	532.1	518.2	507.9	490.6	476.8	459.5
-77.5°	449.1	449.1	449.1	438.8	431.9	425.0	414.6	404.2	390.4	380.0	366.2
-80°	349.0	349.0	349.0	345.5	335.1	328.2	321.3	314.4	304.0	297.1	290.2
-82.5°	266.0	266.0	266.0	262.6	255.7	252.2	245.3	238.4	234.9	228.0	224.6
-85°	193.5	196.9	196.9	193.5	190.0	183.1	179.7	176.2	172.7	169.3	162.4
-87.5°	131.3	131.3	131.3	127.8	124.4	124.4	120.9	114.0	107.1	103.6	100.2
-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: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	10.4	10.4	10.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	10.4
82.5°	17.3	17.3	20.7	20.7	24.2	24.2	24.2	24.2	24.2	24.2	24.2
80°	17.3	20.7	24.2	27.6	31.1	34.5	34.5	34.5	34.5	31.1	31.1
77.5°	20.7	20.7	24.2	27.6	31.1	34.5	38.0	41.5	38.0	38.0	38.0
75°	20.7	24.2	24.2	27.6	31.1	34.5	38.0	41.5	41.5	41.5	41.5
72.5°	17.3	20.7	24.2	27.6	27.6	31.1	34.5	34.5	38.0	38.0	41.5
70°	17.3	20.7	24.2	24.2	27.6	27.6	31.1	34.5	34.5	38.0	38.0
67.5°	20.7	24.2	24.2	27.6	31.1	31.1	31.1	34.5	34.5	38.0	38.0
65°	24.2	27.6	27.6	31.1	34.5	34.5	38.0	38.0	38.0	41.5	41.5
62.5°	41.5	41.5	41.5	38.0	41.5	41.5	41.5	44.9	44.9	41.5	44.9
60°	214.2	155.5	107.1	134.7	120.9	55.3	55.3	55.3	51.8	51.8	48.4
57.5°	504.4	469.9	404.2	342.0	307.5	272.9	169.3	69.1	69.1	62.2	55.3
55°	843.0	729.0	680.6	597.7	507.9	466.4	387.0	262.6	124.4	82.9	72.6
52.5°	1306.0	1198.9	1074.5	905.2	784.3	687.5	621.9	494.1	331.7	176.2	110.6
50°	1748.2	1699.8	1623.8	1458.0	1205.8	1043.4	936.3	791.2	594.3	362.8	207.3
47.5°	2815.8	2411.6	2166.3	2038.4	1827.7	1520.2	1312.9	1150.5	912.1	611.5	366.2
45°	3544.8	3289.1	2898.7	2629.2	2318.3	1993.5	1724.0	1537.5	1254.2	915.6	573.5
42.5°	4170.2	3949.0	3596.6	3202.8	2874.5	2449.6	2104.1	1858.8	1620.4	1250.7	856.8
40°	4975.2	4712.6	4374.0	3990.5	3607.0	3064.6	2504.9	2207.7	1945.2	1616.9	1157.4
37.5°	6301.9	5838.9	5286.1	4861.1	4360.2	3900.7	3133.7	2608.5	2297.6	1955.5	1509.8
35°	7898.1	7390.2	6467.7	5904.6	5234.3	4550.2	3859.2	3081.8	2639.6	2276.8	1834.6
32.5°	9383.7	8640.9	7459.3	6799.4	6353.7	5092.6	4377.5	3703.7	2992.0	2546.3	2021.2
30°	9794.9	8976.0	8129.6	7359.1	6599.0	5579.8	4733.3	4208.2	3434.2	2708.7	2197.4
27.5°	9380.3	8817.1	8160.7	7445.5	6623.2	5749.1	4951.0	4450.0	3759.0	2819.3	2335.6
25°	8958.8	8371.4	7911.9	7314.2	6554.1	5738.7	4957.9	4602.0	4011.2	3033.5	2411.6
22.5°	8513.1	8146.8	7766.8	7100.0	6381.3	5769.8	5182.5	4733.3	4142.5	3275.3	2442.7
20°	8537.2	8298.9	7880.8	6989.4	6350.2	5952.9	5452.0	4899.2	4284.2	3486.1	2466.9
17.5°	8924.2	8613.3	8088.1	7314.2	6630.1	6139.5	5676.5	5127.2	4429.3	3672.6	2760.5
15°	9401.0	8927.7	8378.3	7697.7	6923.8	6343.3	5849.3	5286.1	4595.1	3845.4	3023.1
12.5°	9746.5	9072.8	8558.0	7943.0	7241.6	6564.5	5963.3	5407.0	4750.6	3987.0	3220.0
10°	9864.0	9252.4	8644.3	8095.0	7404.0	6681.9	6049.7	5483.0	4885.3	4097.6	3365.1
7.5°	9926.1	9407.9	8703.1	8164.1	7500.8	6754.5	6118.8	5524.5	4992.4	4173.6	3458.4
5°	9919.2	9490.8	8748.0	8184.8	7552.6	6785.6	6167.1	5534.9	5068.4	4239.3	3513.7
2.5°	9888.1	9546.1	8820.6	8219.4	7656.2	6844.3	6260.4	5555.6	5096.1	4311.8	3551.7
0°	10002.2	9549.6	8896.6	8229.8	7725.3	6865.0	6301.9	5538.3	5058.1	4332.5	3548.3
-2.5°	9756.8	9345.7	8879.3	8139.9	7632.0	6816.7	6225.9	5483.0	4975.2	4308.4	3534.4
-5°	9715.4	9197.1	8734.2	8057.0	7476.6	6716.5	6084.2	5379.4	4843.9	4228.9	3479.2
-7.5°	9604.8	9055.5	8592.5	7991.4	7331.5	6612.8	5949.5	5272.3	4702.2	4104.5	3399.7
-10°	9363.0	8837.8	8440.5	7849.7	7155.3	6464.3	5787.1	5130.6	4536.4	3935.2	3275.3
-12.5°	9017.5	8492.3	8098.5	7549.1	6934.1	6263.9	5593.6	4947.5	4346.4	3755.6	3126.8
-15°	8627.1	8095.0	7701.1	7200.2	6605.9	5952.9	5348.3	4716.0	4128.7	3565.5	2950.5
-17.5°	8184.8	7680.4	7300.4	6813.2	6222.4	5600.5	4999.3	4425.8	3876.5	3368.6	2746.7
-20°	7673.5	7182.9	6833.9	6346.8	5804.4	5199.7	4615.8	4073.4	3579.4	3102.6	2522.1

REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-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°	7041.2	6609.4	6212.0	5776.7	5303.4	4750.6	4208.2	3727.9	3254.6	2788.2	2290.6
-25°	6395.2	5977.1	5590.1	5192.8	4740.2	4263.4	3800.5	3365.1	2902.2	2480.7	2066.1
-27.5°	5676.5	5303.4	4957.9	4591.7	4177.1	3765.9	3385.9	2960.9	2560.1	2200.8	1845.0
-30°	4909.5	4605.5	4304.9	3980.1	3645.0	3299.5	2960.9	2560.1	2245.7	1959.0	1658.4
-32.5°	4173.6	3900.7	3658.8	3417.0	3126.8	2843.4	2542.9	2245.7	1983.2	1730.9	1478.7
-35°	3527.5	3237.3	3102.6	2909.1	2677.6	2421.9	2176.6	1969.3	1758.6	1530.6	1306.0
-37.5°	2967.8	2781.3	2622.3	2477.2	2294.1	2073.0	1896.8	1727.5	1551.3	1344.0	1150.5
-40°	2529.0	2394.3	2235.4	2128.3	1979.7	1820.8	1644.6	1502.9	1354.4	1185.1	1026.1
-42.5°	2176.6	2066.1	1962.4	1848.4	1737.9	1603.1	1451.1	1316.3	1181.6	1057.2	925.9
-45°	1886.4	1807.0	1724.0	1630.7	1534.0	1416.5	1292.2	1154.0	1057.2	946.7	836.1
-47.5°	1648.0	1589.3	1520.2	1447.6	1364.7	1261.1	1147.1	1046.9	946.7	853.4	746.3
-50°	1458.0	1402.7	1347.4	1285.3	1212.7	1122.9	1036.5	943.2	849.9	760.1	659.9
-52.5°	1299.1	1250.7	1205.8	1154.0	1084.9	1008.9	929.4	846.5	760.1	670.3	590.8
-55°	1188.5	1133.2	1088.3	1036.5	974.3	901.7	829.2	753.2	670.3	601.2	535.5
-57.5°	1098.7	1036.5	984.7	929.4	867.2	805.0	739.4	670.3	608.1	542.4	480.2
-60°	1022.7	950.1	891.4	836.1	777.4	718.6	663.4	604.6	545.9	487.2	425.0
-62.5°	943.2	867.2	794.6	742.8	697.9	646.1	597.7	542.4	490.6	431.9	387.0
-65°	853.4	780.8	711.7	666.8	625.4	580.4	535.5	487.2	442.2	397.3	355.9
-67.5°	753.2	691.0	642.6	601.2	559.7	521.7	480.2	438.8	400.8	355.9	314.4
-70°	632.3	597.7	570.1	539.0	501.0	466.4	428.4	390.4	349.0	310.9	272.9
-72.5°	539.0	518.2	497.5	466.4	431.9	400.8	369.7	335.1	300.6	266.0	234.9
-75°	442.2	425.0	407.7	387.0	359.3	335.1	307.5	276.4	248.8	224.6	200.4
-77.5°	355.9	342.0	331.7	314.4	293.7	272.9	255.7	234.9	214.2	190.0	165.8
-80°	283.3	276.4	272.9	266.0	248.8	231.5	217.7	200.4	179.7	162.4	145.1
-82.5°	221.1	221.1	217.7	214.2	200.4	186.6	176.2	162.4	148.6	134.7	117.5
-85°	162.4	158.9	158.9	155.5	145.1	138.2	127.8	120.9	110.6	96.7	89.8
-87.5°	96.7	93.3	89.8	86.4	79.5	76.0	69.1	65.6	58.7	51.8	48.4
-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: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	10.4	6.9	6.9	6.9	6.9	6.9	3.5	3.5	3.5	3.5	3.5
82.5°	20.7	20.7	17.3	17.3	13.8	10.4	6.9	6.9	6.9	3.5	3.5
80°	31.1	31.1	31.1	27.6	24.2	17.3	13.8	10.4	6.9	3.5	3.5
77.5°	38.0	34.5	34.5	31.1	31.1	27.6	20.7	17.3	10.4	6.9	3.5
75°	38.0	38.0	38.0	34.5	34.5	31.1	27.6	20.7	17.3	10.4	6.9
72.5°	41.5	38.0	38.0	38.0	34.5	31.1	27.6	24.2	20.7	13.8	6.9
70°	38.0	38.0	38.0	38.0	34.5	34.5	27.6	24.2	24.2	13.8	10.4
67.5°	38.0	38.0	38.0	34.5	34.5	31.1	27.6	24.2	24.2	17.3	10.4
65°	41.5	38.0	38.0	38.0	34.5	31.1	27.6	24.2	24.2	20.7	13.8
62.5°	44.9	41.5	41.5	38.0	34.5	31.1	27.6	24.2	24.2	20.7	13.8
60°	48.4	44.9	41.5	41.5	38.0	34.5	27.6	27.6	24.2	20.7	13.8
57.5°	51.8	48.4	48.4	44.9	41.5	38.0	31.1	27.6	24.2	20.7	17.3
55°	62.2	55.3	51.8	51.8	48.4	41.5	34.5	27.6	24.2	20.7	17.3
52.5°	82.9	65.6	58.7	58.7	55.3	48.4	38.0	31.1	24.2	20.7	17.3
50°	131.3	82.9	69.1	62.2	62.2	55.3	44.9	34.5	24.2	20.7	17.3
47.5°	207.3	138.2	82.9	72.6	69.1	65.6	51.8	34.5	27.6	20.7	17.3
45°	342.0	203.8	134.7	86.4	72.6	69.1	58.7	38.0	27.6	24.2	17.3
42.5°	469.9	317.9	207.3	103.6	86.4	76.0	62.2	41.5	31.1	24.2	17.3
40°	739.4	435.3	290.2	169.3	100.2	79.5	69.1	48.4	31.1	24.2	17.3
37.5°	1001.9	577.0	390.4	248.8	114.0	89.8	72.6	51.8	34.5	24.2	20.7
35°	1264.5	808.5	483.7	331.7	152.0	107.1	76.0	55.3	34.5	24.2	20.7
32.5°	1499.5	1026.1	580.4	414.6	228.0	127.8	82.9	58.7	38.0	27.6	20.7
30°	1692.9	1226.5	753.2	487.2	297.1	155.5	89.8	58.7	41.5	27.6	20.7
27.5°	1838.0	1382.0	929.4	563.2	355.9	183.1	103.6	65.6	41.5	27.6	20.7
25°	1955.5	1502.9	1084.9	642.6	407.7	228.0	124.4	69.1	44.9	31.1	20.7
22.5°	2048.8	1603.1	1212.7	749.7	469.9	272.9	152.0	76.0	44.9	31.1	20.7
20°	2176.6	1703.3	1299.1	863.7	535.5	314.4	176.2	82.9	44.9	31.1	24.2
17.5°	2287.2	1803.5	1368.2	960.5	601.2	345.5	203.8	89.8	48.4	31.1	24.2
15°	2415.0	1900.2	1430.4	1036.5	663.4	373.1	228.0	96.7	48.4	34.5	24.2
12.5°	2553.2	1990.1	1475.3	1098.7	729.0	397.3	248.8	110.6	51.8	34.5	24.2
10°	2694.9	2066.1	1513.3	1143.6	777.4	421.5	262.6	124.4	55.3	34.5	24.2
7.5°	2836.5	2135.2	1561.6	1164.3	798.1	449.1	269.5	138.2	55.3	38.0	24.2
5°	2933.3	2180.1	1630.7	1178.1	808.5	480.2	279.9	155.5	58.7	38.0	24.2
2.5°	3016.2	2207.7	1703.3	1188.5	811.9	497.5	276.4	165.8	62.2	38.0	24.2
0°	3054.2	2207.7	1751.7	1181.6	801.6	514.8	276.4	176.2	62.2	38.0	24.2
-2.5°	2995.5	2269.9	1737.9	1185.1	805.0	514.8	290.2	179.7	69.1	41.5	24.2
-5°	2902.2	2294.1	1696.4	1167.8	798.1	514.8	307.5	183.1	72.6	41.5	27.6
-7.5°	2812.3	2304.5	1648.0	1150.5	787.7	501.0	310.9	179.7	79.5	44.9	27.6
-10°	2694.9	2190.5	1585.8	1119.4	767.0	490.6	317.9	179.7	82.9	44.9	27.6
-12.5°	2560.1	2052.3	1509.8	1074.5	742.8	480.2	321.3	179.7	86.4	48.4	27.6
-15°	2404.7	1910.6	1423.4	1026.1	708.3	466.4	314.4	176.2	89.8	48.4	31.1
-17.5°	2228.5	1772.4	1333.6	967.4	670.3	449.1	300.6	172.7	89.8	48.4	31.1
-20°	2028.1	1634.2	1233.4	908.7	625.4	428.4	286.8	165.8	89.8	48.4	31.1



REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1848.4	1506.4	1129.8	843.0	577.0	404.2	269.5	158.9	89.8	51.8	31.1
-25°	1699.8	1382.0	1050.3	777.4	525.2	376.6	252.2	152.0	89.8	51.8	31.1
-27.5°	1544.4	1247.2	967.4	715.2	490.6	352.4	234.9	145.1	86.4	51.8	31.1
-30°	1385.4	1116.0	881.0	646.1	456.1	328.2	221.1	134.7	86.4	51.8	31.1
-32.5°	1240.3	1008.9	801.6	577.0	418.1	304.0	207.3	131.3	82.9	51.8	31.1
-35°	1098.7	912.1	718.6	521.7	376.6	279.9	193.5	127.8	82.9	51.8	31.1
-37.5°	981.2	822.3	642.6	483.7	352.4	259.1	179.7	120.9	79.5	51.8	31.1
-40°	884.5	739.4	570.1	442.2	331.7	238.4	165.8	117.5	79.5	51.8	31.1
-42.5°	794.6	659.9	525.2	407.7	310.9	224.6	155.5	114.0	76.0	51.8	31.1
-45°	715.2	590.8	480.2	376.6	286.8	207.3	148.6	107.1	72.6	51.8	34.5
-47.5°	635.7	542.4	438.8	349.0	262.6	186.6	141.7	103.6	69.1	48.4	34.5
-50°	573.5	490.6	404.2	317.9	238.4	179.7	134.7	96.7	69.1	48.4	34.5
-52.5°	518.2	442.2	366.2	286.8	217.7	169.3	127.8	89.8	65.6	48.4	34.5
-55°	466.4	397.3	328.2	255.7	203.8	158.9	117.5	82.9	65.6	48.4	34.5
-57.5°	414.6	355.9	290.2	231.5	186.6	148.6	110.6	82.9	65.6	48.4	34.5
-60°	373.1	317.9	262.6	214.2	172.7	134.7	100.2	79.5	62.2	48.4	34.5
-62.5°	338.6	286.8	238.4	193.5	158.9	120.9	96.7	79.5	62.2	48.4	31.1
-65°	304.0	259.1	214.2	176.2	141.7	114.0	93.3	76.0	62.2	48.4	31.1
-67.5°	269.5	228.0	193.5	155.5	131.3	110.6	89.8	76.0	58.7	44.9	31.1
-70°	234.9	200.4	169.3	145.1	124.4	103.6	86.4	72.6	58.7	41.5	27.6
-72.5°	207.3	176.2	152.0	134.7	117.5	100.2	82.9	69.1	55.3	38.0	24.2
-75°	176.2	155.5	138.2	120.9	107.1	93.3	79.5	62.2	48.4	34.5	24.2
-77.5°	148.6	134.7	120.9	110.6	96.7	82.9	69.1	55.3	44.9	31.1	20.7
-80°	127.8	117.5	107.1	96.7	86.4	72.6	62.2	48.4	38.0	27.6	17.3
-82.5°	103.6	96.7	86.4	79.5	72.6	62.2	51.8	41.5	27.6	20.7	13.8
-85°	79.5	72.6	69.1	62.2	55.3	44.9	34.5	27.6	20.7	13.8	6.9
-87.5°	41.5	38.0	34.5	31.1	27.6	20.7	17.3	13.8	10.4	6.9	3.5
-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: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	6.9	3.5	0.0	0.0
65°	6.9	3.5	0.0	0.0
62.5°	6.9	3.5	0.0	0.0
60°	6.9	3.5	0.0	0.0
57.5°	10.4	3.5	3.5	0.0
55°	10.4	3.5	3.5	0.0
52.5°	10.4	3.5	3.5	0.0
50°	10.4	6.9	3.5	0.0
47.5°	10.4	6.9	3.5	0.0
45°	10.4	6.9	3.5	0.0
42.5°	10.4	6.9	3.5	0.0
40°	13.8	6.9	3.5	0.0
37.5°	13.8	6.9	3.5	0.0
35°	13.8	6.9	3.5	0.0
32.5°	13.8	6.9	3.5	0.0
30°	13.8	6.9	3.5	0.0
27.5°	13.8	10.4	3.5	0.0
25°	13.8	10.4	3.5	0.0
22.5°	17.3	10.4	3.5	0.0
20°	17.3	10.4	3.5	0.0
17.5°	17.3	10.4	3.5	0.0
15°	17.3	10.4	3.5	0.0
12.5°	17.3	10.4	3.5	0.0
10°	17.3	10.4	3.5	0.0
7.5°	17.3	10.4	3.5	0.0
5°	17.3	10.4	3.5	0.0
2.5°	17.3	10.4	3.5	0.0
0°	17.3	10.4	3.5	0.0
-2.5°	17.3	10.4	3.5	0.0
-5°	17.3	10.4	3.5	0.0
-7.5°	17.3	10.4	3.5	0.0
-10°	17.3	10.4	3.5	0.0
-12.5°	20.7	10.4	3.5	0.0
-15°	20.7	10.4	3.5	0.0
-17.5°	20.7	10.4	3.5	0.0
-20°	20.7	10.4	3.5	0.0

REPORT NUMBER: P722431

CATALOG NUMBER: IFLD-S-SA3D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.7	10.4	3.5	0.0
-25°	20.7	10.4	3.5	0.0
-27.5°	20.7	10.4	3.5	0.0
-30°	20.7	10.4	3.5	0.0
-32.5°	20.7	10.4	3.5	0.0
-35°	20.7	10.4	3.5	0.0
-37.5°	20.7	10.4	3.5	0.0
-40°	20.7	10.4	3.5	0.0
-42.5°	17.3	10.4	3.5	0.0
-45°	20.7	10.4	3.5	0.0
-47.5°	20.7	10.4	3.5	0.0
-50°	20.7	10.4	3.5	0.0
-52.5°	20.7	10.4	3.5	0.0
-55°	20.7	10.4	3.5	0.0
-57.5°	20.7	10.4	3.5	0.0
-60°	20.7	10.4	3.5	0.0
-62.5°	17.3	10.4	3.5	0.0
-65°	17.3	6.9	3.5	0.0
-67.5°	17.3	6.9	3.5	0.0
-70°	17.3	6.9	3.5	0.0
-72.5°	13.8	6.9	3.5	0.0
-75°	13.8	6.9	3.5	0.0
-77.5°	10.4	3.5	0.0	0.0
-80°	10.4	3.5	0.0	0.0
-82.5°	6.9	3.5	0.0	0.0
-85°	3.5	3.5	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)