

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: P722663

Luminaire Tested: **IFLD-S-SA3D-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722663
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

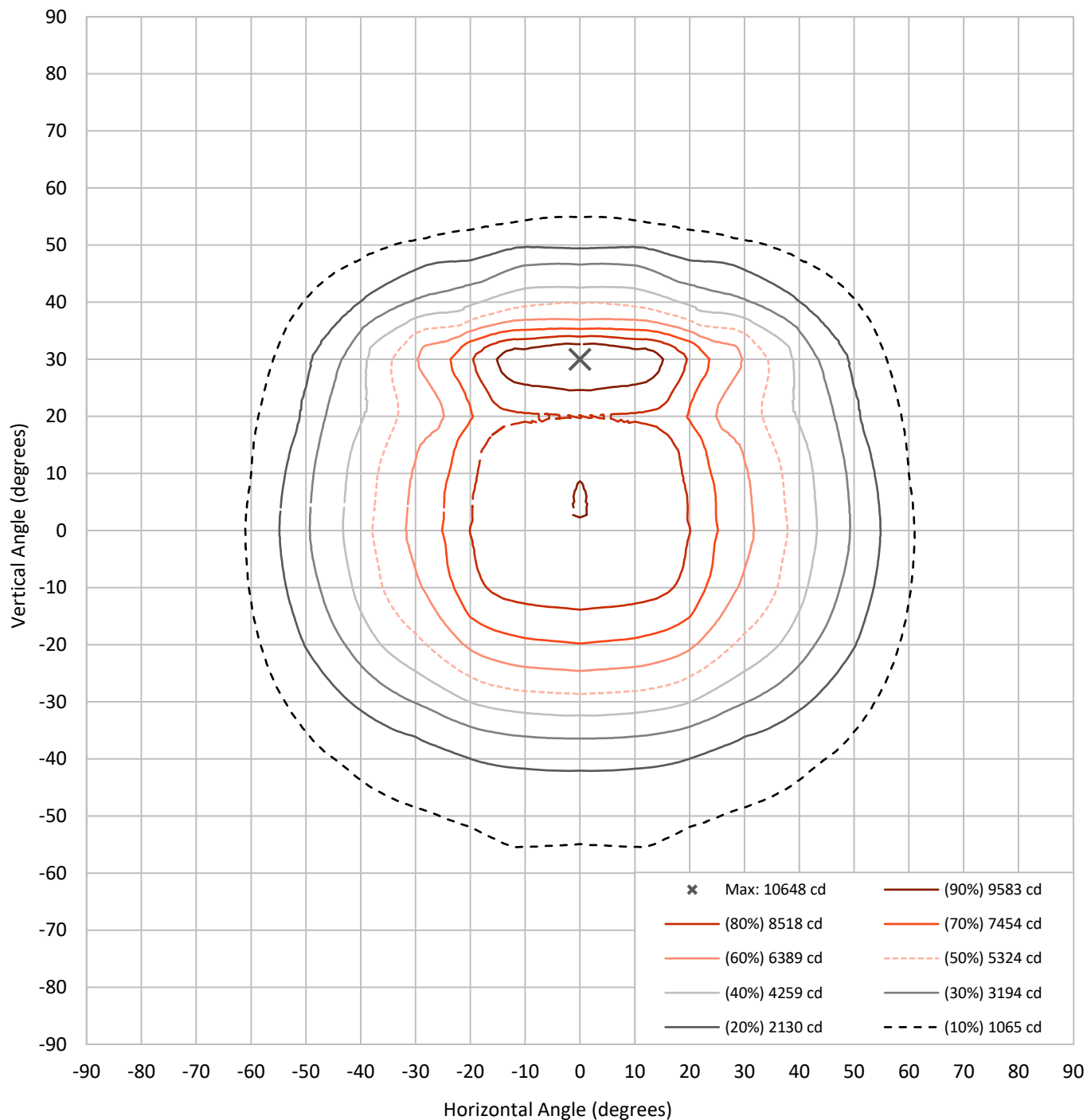
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15252.5 lumens	Max Intensity:	10648 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	9730.5 lumens	Field Lumens:	14379.7 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: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

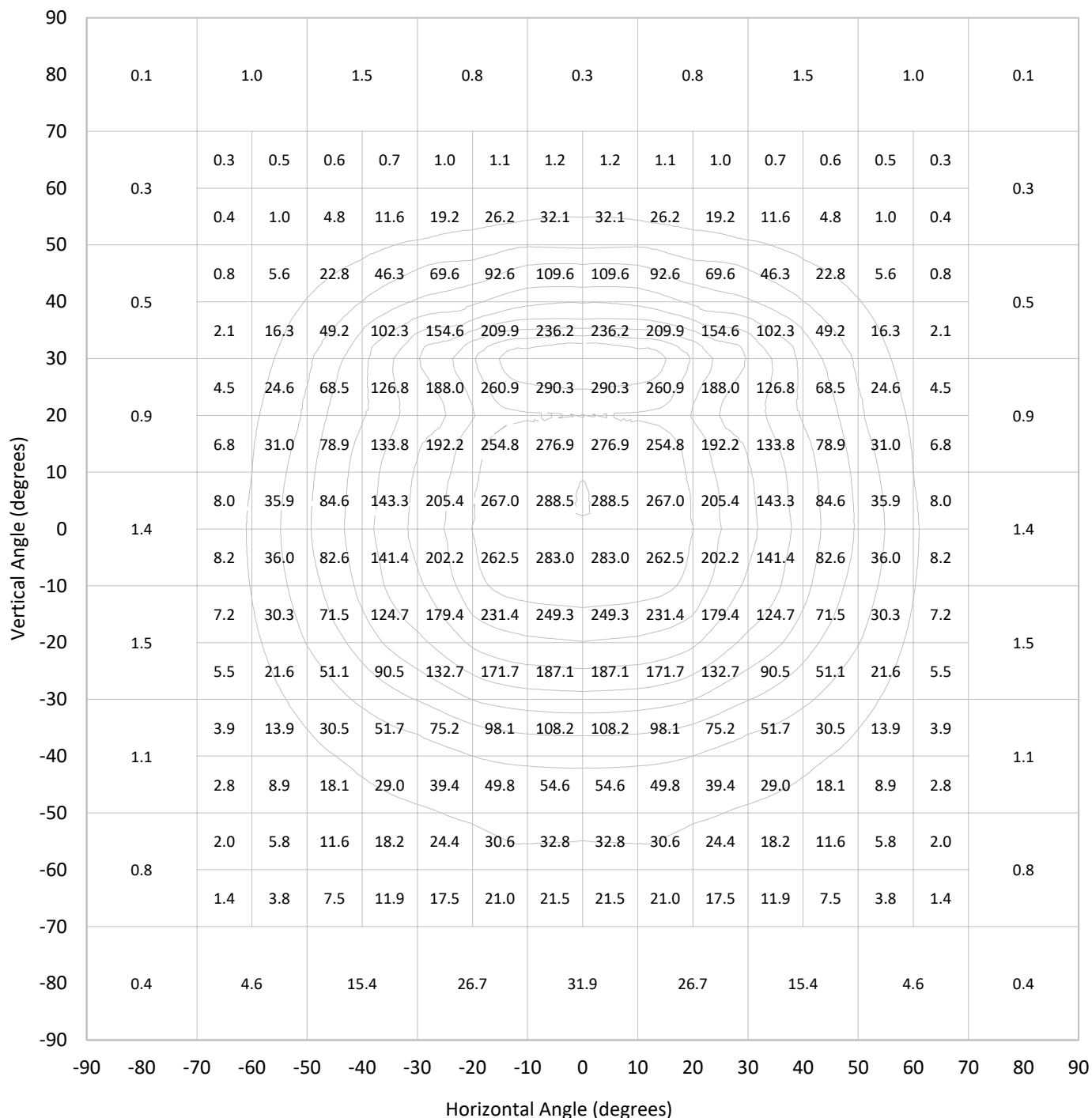
Iso-Candela Plot



REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

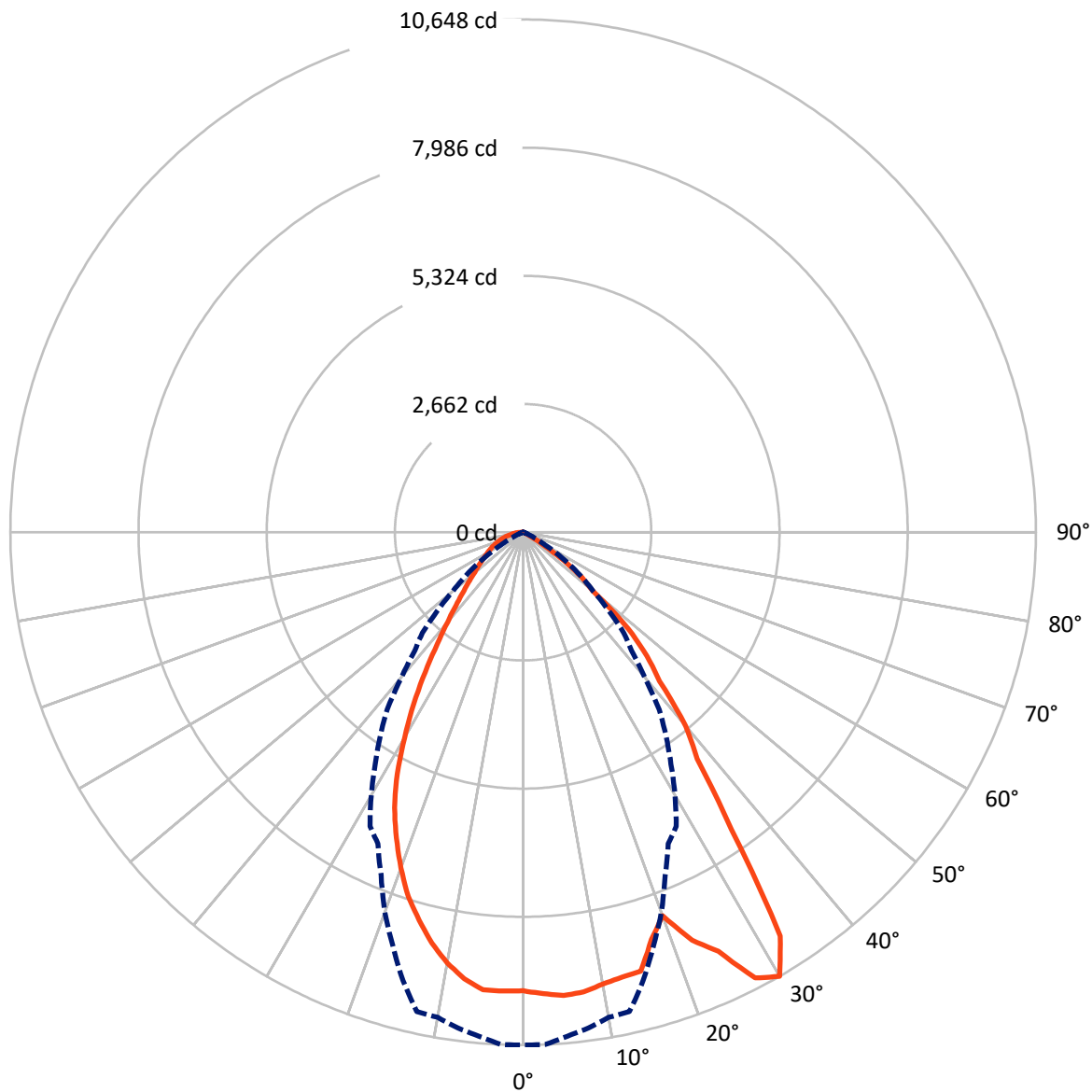
Lumen Table



REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

Luminous Intensity Polar Plot

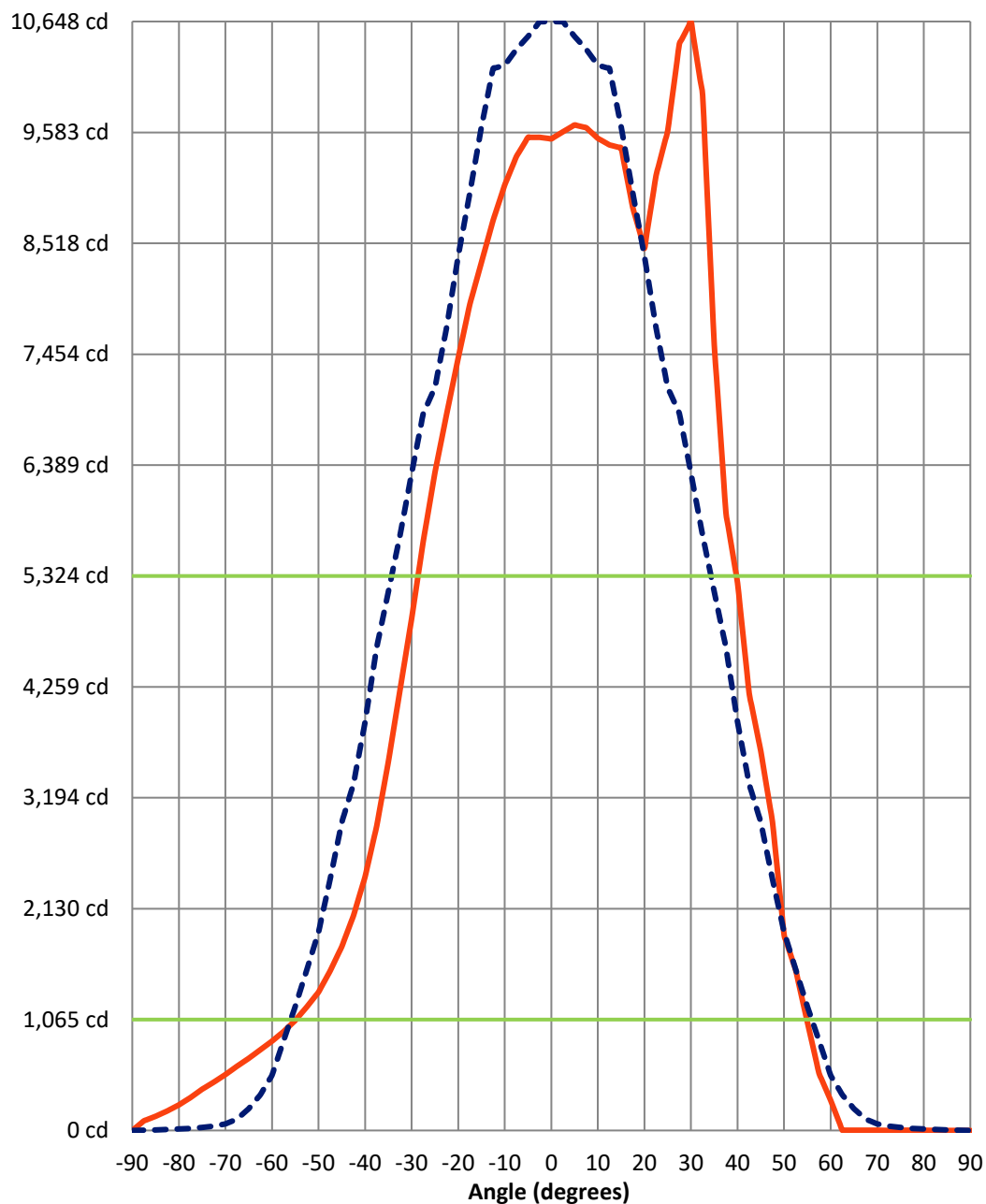


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9730.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14379.7

Efficiency: 94.3%

Spill:

Lumens: 872.8

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-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	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	4.9	4.9	4.9	7.3
82.5°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	4.9	7.3	7.3	9.7
80°	2.4	2.4	2.4	2.4	4.9	4.9	4.9	7.3	7.3	9.7	9.7
77.5°	2.4	2.4	2.4	4.9	4.9	4.9	7.3	7.3	9.7	9.7	12.1
75°	2.4	2.4	2.4	4.9	4.9	7.3	7.3	7.3	9.7	9.7	12.1
72.5°	0.0	2.4	2.4	4.9	4.9	7.3	7.3	7.3	9.7	9.7	9.7
70°	2.4	2.4	2.4	4.9	4.9	7.3	7.3	7.3	9.7	9.7	9.7
67.5°	2.4	2.4	2.4	4.9	4.9	7.3	7.3	9.7	9.7	9.7	12.1
65°	2.4	2.4	2.4	4.9	7.3	7.3	9.7	12.1	12.1	14.6	17.0
62.5°	2.4	4.9	4.9	7.3	9.7	12.1	26.7	41.3	41.3	29.1	24.3
60°	289.0	313.2	310.8	281.7	245.3	206.4	199.1	191.8	177.3	155.4	162.7
57.5°	548.8	577.9	590.1	582.8	563.4	529.4	509.9	488.1	458.9	424.9	386.1
55°	1039.3	1051.4	1024.7	973.7	917.9	862.0	842.6	813.5	769.8	726.1	667.8
52.5°	1537.1	1578.4	1566.2	1515.2	1440.0	1340.4	1231.1	1146.1	1095.2	1046.6	988.3
50°	1877.1	1894.1	1928.0	1988.8	2010.6	1942.6	1765.4	1537.1	1374.4	1457.0	1393.8
47.5°	2962.5	3047.5	3030.5	2986.8	2913.9	2729.4	2481.7	2277.7	2107.7	2051.9	2061.6
45°	3640.0	3674.0	3661.8	3642.4	3608.4	3436.0	3161.6	2848.4	2690.5	2627.4	2561.8
42.5°	4196.1	4232.5	4239.8	4242.2	4205.8	4047.9	3800.2	3487.0	3329.2	3147.0	3003.8
40°	5257.2	5310.6	5249.9	5169.8	5048.4	4868.7	4625.9	4336.9	4057.6	3834.2	3664.3
37.5°	5934.7	6000.3	6024.5	6019.7	5993.0	5915.3	5616.6	5342.2	4914.8	4414.6	4504.4
35°	7542.2	7610.2	7590.8	7517.9	7479.1	7396.5	7105.1	6779.7	6243.1	5699.2	5553.5
32.5°	9938.9	10087.0	9810.2	9506.7	9319.7	9385.3	9089.0	8292.5	8044.9	7063.8	6609.8
30°	10648.0	10645.5	10504.7	10380.9	10227.9	10196.3	9637.8	9001.6	8394.5	7707.3	7134.3
27.5°	10431.9	10388.1	10269.2	10179.3	10036.0	9960.8	9414.4	8909.3	8207.6	7593.2	7039.6
25°	9599.0	9633.0	9511.5	9494.5	9438.7	9293.0	9021.0	8452.8	7826.3	7146.4	6748.2
22.5°	9169.2	9157.0	9011.3	8926.3	8994.3	8838.9	8729.6	8156.6	7503.4	6930.3	6451.9
20°	8469.8	8472.2	8435.8	8428.5	8387.2	8316.8	8229.4	7823.9	7362.5	6872.0	6296.5
17.5°	8860.8	8960.3	9004.0	8642.2	8744.2	8664.1	8571.8	8006.0	7658.8	7224.1	6473.8
15°	9433.8	9397.4	9353.7	9334.3	9278.4	9203.1	9035.6	8583.9	7986.6	7537.4	6952.1
12.5°	9463.0	9392.6	9375.6	9373.1	9314.8	9210.4	9047.7	8673.8	8144.4	7598.1	7122.1
10°	9526.1	9453.3	9443.5	9455.7	9365.8	9300.3	9137.6	8790.3	8193.0	7702.5	7253.2
7.5°	9628.1	9506.7	9562.5	9526.1	9484.8	9380.4	9205.6	8865.6	8370.3	7840.9	7369.8
5°	9654.8	9521.3	9582.0	9548.0	9487.3	9385.3	9195.9	8914.2	8479.5	7896.7	7415.9
2.5°	9589.2	9550.4	9523.7	9460.5	9433.8	9322.1	9142.4	8841.3	8428.5	7872.5	7406.2
0°	9521.3	9555.2	9494.5	9431.4	9419.3	9329.4	9176.4	8904.5	8547.5	7940.4	7488.8
-2.5°	9535.8	9509.1	9467.8	9402.3	9339.1	9210.4	9072.0	8817.1	8433.4	7792.3	7372.2
-5°	9535.8	9412.0	9416.8	9419.3	9356.1	9222.6	9055.0	8838.9	8365.4	7789.9	7338.2
-7.5°	9351.3	9244.4	9227.4	9212.9	9195.9	9072.0	8940.9	8671.4	8251.3	7726.8	7243.5
-10°	9079.3	8974.9	8984.6	8962.8	8909.3	8826.8	8727.2	8484.4	8139.6	7527.6	7051.7
-12.5°	8739.3	8693.2	8666.5	8630.1	8576.7	8503.8	8401.8	8173.6	7804.5	7282.4	6830.7
-15°	8336.3	8302.3	8278.0	8256.1	8178.4	8103.1	7969.6	7758.3	7527.6	6966.7	6505.3
-17.5°	7933.2	7848.2	7814.2	7785.0	7734.0	7612.6	7491.2	7333.4	7010.4	6566.0	6170.2
-20°	7415.9	7364.9	7323.7	7284.8	7212.0	7117.3	7017.7	6835.6	6556.3	6196.9	5786.6

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6874.4	6845.3	6811.3	6762.7	6714.2	6624.3	6485.9	6311.1	6092.5	5704.0	5320.3
-25°	6315.9	6260.1	6218.8	6172.7	6133.8	6051.3	5917.7	5750.1	5475.8	5140.7	4820.1
-27.5°	5657.9	5604.5	5582.6	5529.2	5495.2	5419.9	5286.3	5130.9	4883.3	4601.6	4276.2
-30°	4914.8	4924.5	4900.3	4849.3	4808.0	4710.8	4608.9	4477.7	4283.5	4013.9	3722.5
-32.5°	4227.6	4239.8	4210.6	4157.2	4103.8	4033.4	3938.7	3819.7	3674.0	3416.6	3164.0
-35°	3540.4	3535.6	3511.3	3479.7	3443.3	3385.0	3278.2	3188.3	3020.8	2841.1	2666.2
-37.5°	2923.6	2935.8	2928.5	2911.5	2870.2	2821.7	2734.2	2651.7	2527.8	2370.0	2234.0
-40°	2435.6	2450.1	2440.4	2423.4	2387.0	2357.9	2299.6	2226.7	2127.2	1991.2	1877.1
-42.5°	2061.6	2071.3	2059.2	2044.6	2013.0	1991.2	1945.0	1884.3	1801.8	1697.4	1595.4
-45°	1765.4	1767.8	1755.6	1745.9	1721.6	1694.9	1656.1	1607.5	1542.0	1469.1	1386.5
-47.5°	1532.2	1529.8	1517.7	1508.0	1488.5	1464.2	1432.7	1389.0	1338.0	1282.1	1216.6
-50°	1328.3	1340.4	1335.5	1325.8	1311.3	1294.3	1262.7	1216.6	1165.6	1124.3	1078.2
-52.5°	1187.4	1189.9	1187.4	1187.4	1185.0	1172.9	1136.4	1090.3	1034.4	998.0	959.2
-55°	1056.3	1068.4	1073.3	1078.2	1080.6	1080.6	1036.9	988.3	934.9	898.5	869.3
-57.5°	949.5	956.7	961.6	973.7	983.4	990.7	951.9	908.2	866.9	832.9	806.2
-60°	857.2	866.9	874.2	886.3	893.6	898.5	874.2	845.0	820.8	798.9	760.0
-62.5°	774.6	781.9	789.2	796.5	803.8	808.6	798.9	784.3	772.2	762.5	713.9
-65°	692.1	699.3	706.6	716.3	723.6	728.5	726.1	716.3	706.6	696.9	653.2
-67.5°	616.8	624.1	633.8	636.2	641.1	643.5	638.6	631.4	619.2	607.1	573.1
-70°	536.6	541.5	546.4	546.4	546.4	543.9	539.1	529.4	517.2	500.2	473.5
-72.5°	463.8	468.7	473.5	466.2	461.4	454.1	446.8	434.7	422.5	410.4	395.8
-75°	395.8	398.2	398.2	388.5	381.2	374.0	364.2	357.0	344.8	335.1	323.0
-77.5°	315.7	315.7	315.7	308.4	303.5	298.7	291.4	284.1	274.4	267.1	257.4
-80°	245.3	245.3	245.3	242.8	235.5	230.7	225.8	221.0	213.7	208.8	204.0
-82.5°	187.0	187.0	187.0	184.5	179.7	177.3	172.4	167.6	165.1	160.3	157.8
-85°	136.0	138.4	138.4	136.0	133.6	128.7	126.3	123.8	121.4	119.0	114.1
-87.5°	92.3	92.3	92.3	89.8	87.4	87.4	85.0	80.1	75.3	72.8	70.4
-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: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	7.3	7.3	7.3	9.7	9.7	9.7	9.7	9.7	9.7	9.7	7.3
82.5°	12.1	12.1	14.6	14.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0
80°	12.1	14.6	17.0	19.4	21.9	24.3	24.3	24.3	24.3	21.9	21.9
77.5°	14.6	14.6	17.0	19.4	21.9	24.3	26.7	29.1	26.7	26.7	26.7
75°	14.6	17.0	17.0	19.4	21.9	24.3	26.7	29.1	29.1	29.1	29.1
72.5°	12.1	14.6	17.0	19.4	19.4	21.9	24.3	24.3	26.7	26.7	29.1
70°	12.1	14.6	17.0	17.0	19.4	19.4	21.9	24.3	24.3	26.7	26.7
67.5°	14.6	17.0	17.0	19.4	21.9	21.9	21.9	24.3	24.3	26.7	26.7
65°	17.0	19.4	19.4	21.9	24.3	24.3	26.7	26.7	26.7	29.1	29.1
62.5°	29.1	29.1	29.1	26.7	29.1	29.1	29.1	31.6	31.6	29.1	31.6
60°	150.6	109.3	75.3	94.7	85.0	38.9	38.9	38.9	36.4	36.4	34.0
57.5°	354.5	330.2	284.1	240.4	216.1	191.8	119.0	48.6	48.6	43.7	38.9
55°	592.5	512.4	478.4	420.1	357.0	327.8	272.0	184.5	87.4	58.3	51.0
52.5°	917.9	842.6	755.2	636.2	551.2	483.2	437.1	347.2	233.1	123.8	77.7
50°	1228.7	1194.7	1141.3	1024.7	847.5	733.3	658.1	556.1	417.7	255.0	145.7
47.5°	1979.0	1694.9	1522.5	1432.7	1284.6	1068.4	922.7	808.6	641.1	429.8	257.4
45°	2491.4	2311.7	2037.3	1847.9	1629.4	1401.1	1211.7	1080.6	881.5	643.5	403.1
42.5°	2930.9	2775.5	2527.8	2251.0	2020.3	1721.6	1478.8	1306.4	1138.9	879.0	602.2
40°	3496.7	3312.2	3074.2	2804.7	2535.1	2153.9	1760.5	1551.7	1367.1	1136.4	813.5
37.5°	4429.2	4103.8	3715.3	3416.6	3064.5	2741.5	2202.4	1833.3	1614.8	1374.4	1061.2
35°	5551.0	5194.1	4545.7	4149.9	3678.8	3198.0	2712.4	2166.0	1855.2	1600.2	1289.4
32.5°	6595.2	6073.1	5242.6	4778.8	4465.6	3579.3	3076.6	2603.1	2102.9	1789.6	1420.5
30°	6884.1	6308.6	5713.7	5172.2	4638.0	3921.7	3326.7	2957.6	2413.7	1903.8	1544.4
27.5°	6592.8	6196.9	5735.6	5232.9	4655.0	4040.6	3479.7	3127.6	2642.0	1981.5	1641.5
25°	6296.5	5883.7	5560.7	5140.7	4606.4	4033.4	3484.6	3234.5	2819.2	2132.0	1694.9
22.5°	5983.3	5725.9	5458.8	4990.1	4485.0	4055.2	3642.4	3326.7	2911.5	2302.0	1716.8
20°	6000.3	5832.7	5538.9	4912.4	4463.2	4183.9	3831.8	3443.3	3011.1	2450.1	1733.8
17.5°	6272.2	6053.7	5684.6	5140.7	4659.9	4315.0	3989.7	3603.6	3113.0	2581.3	1940.2
15°	6607.3	6274.7	5888.6	5410.2	4866.3	4458.3	4111.1	3715.3	3229.6	2702.7	2124.7
12.5°	6850.2	6376.6	6014.8	5582.6	5089.7	4613.7	4191.2	3800.2	3338.9	2802.2	2263.1
10°	6932.7	6502.9	6075.5	5689.4	5203.8	4696.3	4251.9	3853.7	3433.6	2879.9	2365.1
7.5°	6976.4	6612.2	6116.8	5738.0	5271.8	4747.3	4300.5	3882.8	3508.9	2933.4	2430.7
5°	6971.6	6670.5	6148.4	5752.6	5308.2	4769.1	4334.5	3890.1	3562.3	2979.5	2469.6
2.5°	6949.7	6709.3	6199.4	5776.9	5381.0	4810.4	4400.0	3904.7	3581.7	3030.5	2496.3
0°	7029.8	6711.7	6252.8	5784.1	5429.6	4825.0	4429.2	3892.5	3555.0	3045.1	2493.8
-2.5°	6857.4	6568.5	6240.7	5721.0	5364.1	4791.0	4375.7	3853.7	3496.7	3028.1	2484.1
-5°	6828.3	6464.1	6138.7	5662.7	5254.8	4720.6	4276.2	3780.8	3404.4	2972.2	2445.3
-7.5°	6750.6	6364.5	6039.1	5616.6	5152.8	4647.7	4181.5	3705.5	3304.9	2884.8	2389.4
-10°	6580.6	6211.5	5932.3	5517.0	5029.0	4543.3	4067.4	3606.0	3188.3	2765.8	2302.0
-12.5°	6337.8	5968.7	5691.9	5305.8	4873.5	4402.5	3931.4	3477.3	3054.8	2639.5	2197.6
-15°	6063.4	5689.4	5412.6	5060.5	4642.9	4183.9	3759.0	3314.6	2901.8	2506.0	2073.7
-17.5°	5752.6	5398.0	5130.9	4788.6	4373.3	3936.2	3513.7	3110.6	2724.5	2367.6	1930.5
-20°	5393.2	5048.4	4803.1	4460.7	4079.5	3654.5	3244.2	2862.9	2515.7	2180.6	1772.6

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-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°	4948.8	4645.3	4366.0	4060.1	3727.4	3338.9	2957.6	2620.1	2287.4	1959.6	1609.9
-25°	4494.7	4200.9	3928.9	3649.7	3331.6	2996.5	2671.1	2365.1	2039.7	1743.5	1452.1
-27.5°	3989.7	3727.4	3484.6	3227.2	2935.8	2646.8	2379.7	2081.0	1799.3	1546.8	1296.7
-30°	3450.6	3236.9	3025.6	2797.4	2561.8	2319.0	2081.0	1799.3	1578.4	1376.8	1165.6
-32.5°	2933.4	2741.5	2571.5	2401.6	2197.6	1998.5	1787.2	1578.4	1393.8	1216.6	1039.3
-35°	2479.3	2275.3	2180.6	2044.6	1881.9	1702.2	1529.8	1384.1	1236.0	1075.7	917.9
-37.5°	2085.9	1954.8	1843.1	1741.1	1612.4	1457.0	1333.1	1214.1	1090.3	944.6	808.6
-40°	1777.5	1682.8	1571.1	1495.8	1391.4	1279.7	1155.9	1056.3	951.9	832.9	721.2
-42.5°	1529.8	1452.1	1379.3	1299.1	1221.4	1126.7	1019.9	925.2	830.5	743.1	650.8
-45°	1325.8	1270.0	1211.7	1146.1	1078.2	995.6	908.2	811.0	743.1	665.3	587.6
-47.5°	1158.3	1117.0	1068.4	1017.4	959.2	886.3	806.2	735.8	665.3	599.8	524.5
-50°	1024.7	985.9	947.0	903.3	852.3	789.2	728.5	662.9	597.4	534.2	463.8
-52.5°	913.0	879.0	847.5	811.0	762.5	709.1	653.2	594.9	534.2	471.1	415.2
-55°	835.3	796.5	764.9	728.5	684.8	633.8	582.8	529.4	471.1	422.5	376.4
-57.5°	772.2	728.5	692.1	653.2	609.5	565.8	519.7	471.1	427.4	381.2	337.5
-60°	718.8	667.8	626.5	587.6	546.4	505.1	466.2	424.9	383.7	342.4	298.7
-62.5°	662.9	609.5	558.5	522.1	490.5	454.1	420.1	381.2	344.8	303.5	272.0
-65°	599.8	548.8	500.2	468.7	439.5	407.9	376.4	342.4	310.8	279.3	250.1
-67.5°	529.4	485.7	451.7	422.5	393.4	366.7	337.5	308.4	281.7	250.1	221.0
-70°	444.4	420.1	400.7	378.8	352.1	327.8	301.1	274.4	245.3	218.5	191.8
-72.5°	378.8	364.2	349.7	327.8	303.5	281.7	259.8	235.5	211.3	187.0	165.1
-75°	310.8	298.7	286.5	272.0	252.5	235.5	216.1	194.3	174.8	157.8	140.8
-77.5°	250.1	240.4	233.1	221.0	206.4	191.8	179.7	165.1	150.6	133.6	116.6
-80°	199.1	194.3	191.8	187.0	174.8	162.7	153.0	140.8	126.3	114.1	102.0
-82.5°	155.4	155.4	153.0	150.6	140.8	131.1	123.8	114.1	104.4	94.7	82.6
-85°	114.1	111.7	111.7	109.3	102.0	97.1	89.8	85.0	77.7	68.0	63.1
-87.5°	68.0	65.6	63.1	60.7	55.9	53.4	48.6	46.1	41.3	36.4	34.0
-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: P722663

CATALOG NUMBER: IFLD-S-SA3D-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	7.3	4.9	4.9	4.9	4.9	4.9	2.4	2.4	2.4	2.4	2.4
82.5°	14.6	14.6	12.1	12.1	9.7	7.3	4.9	4.9	4.9	2.4	2.4
80°	21.9	21.9	21.9	19.4	17.0	12.1	9.7	7.3	4.9	2.4	2.4
77.5°	26.7	24.3	24.3	21.9	21.9	19.4	14.6	12.1	7.3	4.9	2.4
75°	26.7	26.7	26.7	24.3	24.3	21.9	19.4	14.6	12.1	7.3	4.9
72.5°	29.1	26.7	26.7	26.7	24.3	21.9	19.4	17.0	14.6	9.7	4.9
70°	26.7	26.7	26.7	26.7	24.3	24.3	19.4	17.0	17.0	9.7	7.3
67.5°	26.7	26.7	26.7	24.3	24.3	21.9	19.4	17.0	17.0	12.1	7.3
65°	29.1	26.7	26.7	26.7	24.3	21.9	19.4	17.0	17.0	14.6	9.7
62.5°	31.6	29.1	29.1	26.7	24.3	21.9	19.4	17.0	17.0	14.6	9.7
60°	34.0	31.6	29.1	29.1	26.7	24.3	19.4	19.4	17.0	14.6	9.7
57.5°	36.4	34.0	34.0	31.6	29.1	26.7	21.9	19.4	17.0	14.6	12.1
55°	43.7	38.9	36.4	36.4	34.0	29.1	24.3	19.4	17.0	14.6	12.1
52.5°	58.3	46.1	41.3	41.3	38.9	34.0	26.7	21.9	17.0	14.6	12.1
50°	92.3	58.3	48.6	43.7	43.7	38.9	31.6	24.3	17.0	14.6	12.1
47.5°	145.7	97.1	58.3	51.0	48.6	46.1	36.4	24.3	19.4	14.6	12.1
45°	240.4	143.3	94.7	60.7	51.0	48.6	41.3	26.7	19.4	17.0	12.1
42.5°	330.2	223.4	145.7	72.8	60.7	53.4	43.7	29.1	21.9	17.0	12.1
40°	519.7	306.0	204.0	119.0	70.4	55.9	48.6	34.0	21.9	17.0	12.1
37.5°	704.2	405.5	274.4	174.8	80.1	63.1	51.0	36.4	24.3	17.0	14.6
35°	888.7	568.2	340.0	233.1	106.8	75.3	53.4	38.9	24.3	17.0	14.6
32.5°	1053.9	721.2	407.9	291.4	160.3	89.8	58.3	41.3	26.7	19.4	14.6
30°	1189.9	862.0	529.4	342.4	208.8	109.3	63.1	41.3	29.1	19.4	14.6
27.5°	1291.8	971.3	653.2	395.8	250.1	128.7	72.8	46.1	29.1	19.4	14.6
25°	1374.4	1056.3	762.5	451.7	286.5	160.3	87.4	48.6	31.6	21.9	14.6
22.5°	1440.0	1126.7	852.3	526.9	330.2	191.8	106.8	53.4	31.6	21.9	14.6
20°	1529.8	1197.1	913.0	607.1	376.4	221.0	123.8	58.3	31.6	21.9	17.0
17.5°	1607.5	1267.6	961.6	675.1	422.5	242.8	143.3	63.1	34.0	21.9	17.0
15°	1697.4	1335.5	1005.3	728.5	466.2	262.3	160.3	68.0	34.0	24.3	17.0
12.5°	1794.5	1398.7	1036.9	772.2	512.4	279.3	174.8	77.7	36.4	24.3	17.0
10°	1894.1	1452.1	1063.6	803.8	546.4	296.2	184.5	87.4	38.9	24.3	17.0
7.5°	1993.6	1500.7	1097.6	818.3	560.9	315.7	189.4	97.1	38.9	26.7	17.0
5°	2061.6	1532.2	1146.1	828.0	568.2	337.5	196.7	109.3	41.3	26.7	17.0
2.5°	2119.9	1551.7	1197.1	835.3	570.6	349.7	194.3	116.6	43.7	26.7	17.0
0°	2146.6	1551.7	1231.1	830.5	563.4	361.8	194.3	123.8	43.7	26.7	17.0
-2.5°	2105.3	1595.4	1221.4	832.9	565.8	361.8	204.0	126.3	48.6	29.1	17.0
-5°	2039.7	1612.4	1192.3	820.8	560.9	361.8	216.1	128.7	51.0	29.1	19.4
-7.5°	1976.6	1619.7	1158.3	808.6	553.6	352.1	218.5	126.3	55.9	31.6	19.4
-10°	1894.1	1539.5	1114.6	786.8	539.1	344.8	223.4	126.3	58.3	31.6	19.4
-12.5°	1799.3	1442.4	1061.2	755.2	522.1	337.5	225.8	126.3	60.7	34.0	19.4
-15°	1690.1	1342.8	1000.4	721.2	497.8	327.8	221.0	123.8	63.1	34.0	21.9
-17.5°	1566.2	1245.7	937.3	679.9	471.1	315.7	211.3	121.4	63.1	34.0	21.9
-20°	1425.4	1148.6	866.9	638.6	439.5	301.1	201.5	116.6	63.1	34.0	21.9

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-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°	1299.1	1058.7	794.0	592.5	405.5	284.1	189.4	111.7	63.1	36.4	21.9
-25°	1194.7	971.3	738.2	546.4	369.1	264.7	177.3	106.8	63.1	36.4	21.9
-27.5°	1085.4	876.6	679.9	502.7	344.8	247.7	165.1	102.0	60.7	36.4	21.9
-30°	973.7	784.3	619.2	454.1	320.5	230.7	155.4	94.7	60.7	36.4	21.9
-32.5°	871.7	709.1	563.4	405.5	293.8	213.7	145.7	92.3	58.3	36.4	21.9
-35°	772.2	641.1	505.1	366.7	264.7	196.7	136.0	89.8	58.3	36.4	21.9
-37.5°	689.6	577.9	451.7	340.0	247.7	182.1	126.3	85.0	55.9	36.4	21.9
-40°	621.6	519.7	400.7	310.8	233.1	167.6	116.6	82.6	55.9	36.4	21.9
-42.5°	558.5	463.8	369.1	286.5	218.5	157.8	109.3	80.1	53.4	36.4	21.9
-45°	502.7	415.2	337.5	264.7	201.5	145.7	104.4	75.3	51.0	36.4	24.3
-47.5°	446.8	381.2	308.4	245.3	184.5	131.1	99.6	72.8	48.6	34.0	24.3
-50°	403.1	344.8	284.1	223.4	167.6	126.3	94.7	68.0	48.6	34.0	24.3
-52.5°	364.2	310.8	257.4	201.5	153.0	119.0	89.8	63.1	46.1	34.0	24.3
-55°	327.8	279.3	230.7	179.7	143.3	111.7	82.6	58.3	46.1	34.0	24.3
-57.5°	291.4	250.1	204.0	162.7	131.1	104.4	77.7	58.3	46.1	34.0	24.3
-60°	262.3	223.4	184.5	150.6	121.4	94.7	70.4	55.9	43.7	34.0	24.3
-62.5°	238.0	201.5	167.6	136.0	111.7	85.0	68.0	55.9	43.7	34.0	21.9
-65°	213.7	182.1	150.6	123.8	99.6	80.1	65.6	53.4	43.7	34.0	21.9
-67.5°	189.4	160.3	136.0	109.3	92.3	77.7	63.1	53.4	41.3	31.6	21.9
-70°	165.1	140.8	119.0	102.0	87.4	72.8	60.7	51.0	41.3	29.1	19.4
-72.5°	145.7	123.8	106.8	94.7	82.6	70.4	58.3	48.6	38.9	26.7	17.0
-75°	123.8	109.3	97.1	85.0	75.3	65.6	55.9	43.7	34.0	24.3	17.0
-77.5°	104.4	94.7	85.0	77.7	68.0	58.3	48.6	38.9	31.6	21.9	14.6
-80°	89.8	82.6	75.3	68.0	60.7	51.0	43.7	34.0	26.7	19.4	12.1
-82.5°	72.8	68.0	60.7	55.9	51.0	43.7	36.4	29.1	19.4	14.6	9.7
-85°	55.9	51.0	48.6	43.7	38.9	31.6	24.3	19.4	14.6	9.7	4.9
-87.5°	29.1	26.7	24.3	21.9	19.4	14.6	12.1	9.7	7.3	4.9	2.4
-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: P722663

CATALOG NUMBER: IFLD-S-SA3D-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°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	2.4	2.4	0.0	0.0
67.5°	4.9	2.4	0.0	0.0
65°	4.9	2.4	0.0	0.0
62.5°	4.9	2.4	0.0	0.0
60°	4.9	2.4	0.0	0.0
57.5°	7.3	2.4	2.4	0.0
55°	7.3	2.4	2.4	0.0
52.5°	7.3	2.4	2.4	0.0
50°	7.3	4.9	2.4	0.0
47.5°	7.3	4.9	2.4	0.0
45°	7.3	4.9	2.4	0.0
42.5°	7.3	4.9	2.4	0.0
40°	9.7	4.9	2.4	0.0
37.5°	9.7	4.9	2.4	0.0
35°	9.7	4.9	2.4	0.0
32.5°	9.7	4.9	2.4	0.0
30°	9.7	4.9	2.4	0.0
27.5°	9.7	7.3	2.4	0.0
25°	9.7	7.3	2.4	0.0
22.5°	12.1	7.3	2.4	0.0
20°	12.1	7.3	2.4	0.0
17.5°	12.1	7.3	2.4	0.0
15°	12.1	7.3	2.4	0.0
12.5°	12.1	7.3	2.4	0.0
10°	12.1	7.3	2.4	0.0
7.5°	12.1	7.3	2.4	0.0
5°	12.1	7.3	2.4	0.0
2.5°	12.1	7.3	2.4	0.0
0°	12.1	7.3	2.4	0.0
-2.5°	12.1	7.3	2.4	0.0
-5°	12.1	7.3	2.4	0.0
-7.5°	12.1	7.3	2.4	0.0
-10°	12.1	7.3	2.4	0.0
-12.5°	14.6	7.3	2.4	0.0
-15°	14.6	7.3	2.4	0.0
-17.5°	14.6	7.3	2.4	0.0
-20°	14.6	7.3	2.4	0.0

REPORT NUMBER: P722663

CATALOG NUMBER: IFLD-S-SA3D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.6	7.3	2.4	0.0
-25°	14.6	7.3	2.4	0.0
-27.5°	14.6	7.3	2.4	0.0
-30°	14.6	7.3	2.4	0.0
-32.5°	14.6	7.3	2.4	0.0
-35°	14.6	7.3	2.4	0.0
-37.5°	14.6	7.3	2.4	0.0
-40°	14.6	7.3	2.4	0.0
-42.5°	12.1	7.3	2.4	0.0
-45°	14.6	7.3	2.4	0.0
-47.5°	14.6	7.3	2.4	0.0
-50°	14.6	7.3	2.4	0.0
-52.5°	14.6	7.3	2.4	0.0
-55°	14.6	7.3	2.4	0.0
-57.5°	14.6	7.3	2.4	0.0
-60°	14.6	7.3	2.4	0.0
-62.5°	12.1	7.3	2.4	0.0
-65°	12.1	4.9	2.4	0.0
-67.5°	12.1	4.9	2.4	0.0
-70°	12.1	4.9	2.4	0.0
-72.5°	9.7	4.9	2.4	0.0
-75°	9.7	4.9	2.4	0.0
-77.5°	7.3	2.4	0.0	0.0
-80°	7.3	2.4	0.0	0.0
-82.5°	4.9	2.4	0.0	0.0
-85°	2.4	2.4	0.0	0.0
-87.5°	2.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)