

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: P722020

Luminaire Tested: **IFLD-S-SA2D-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722020
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

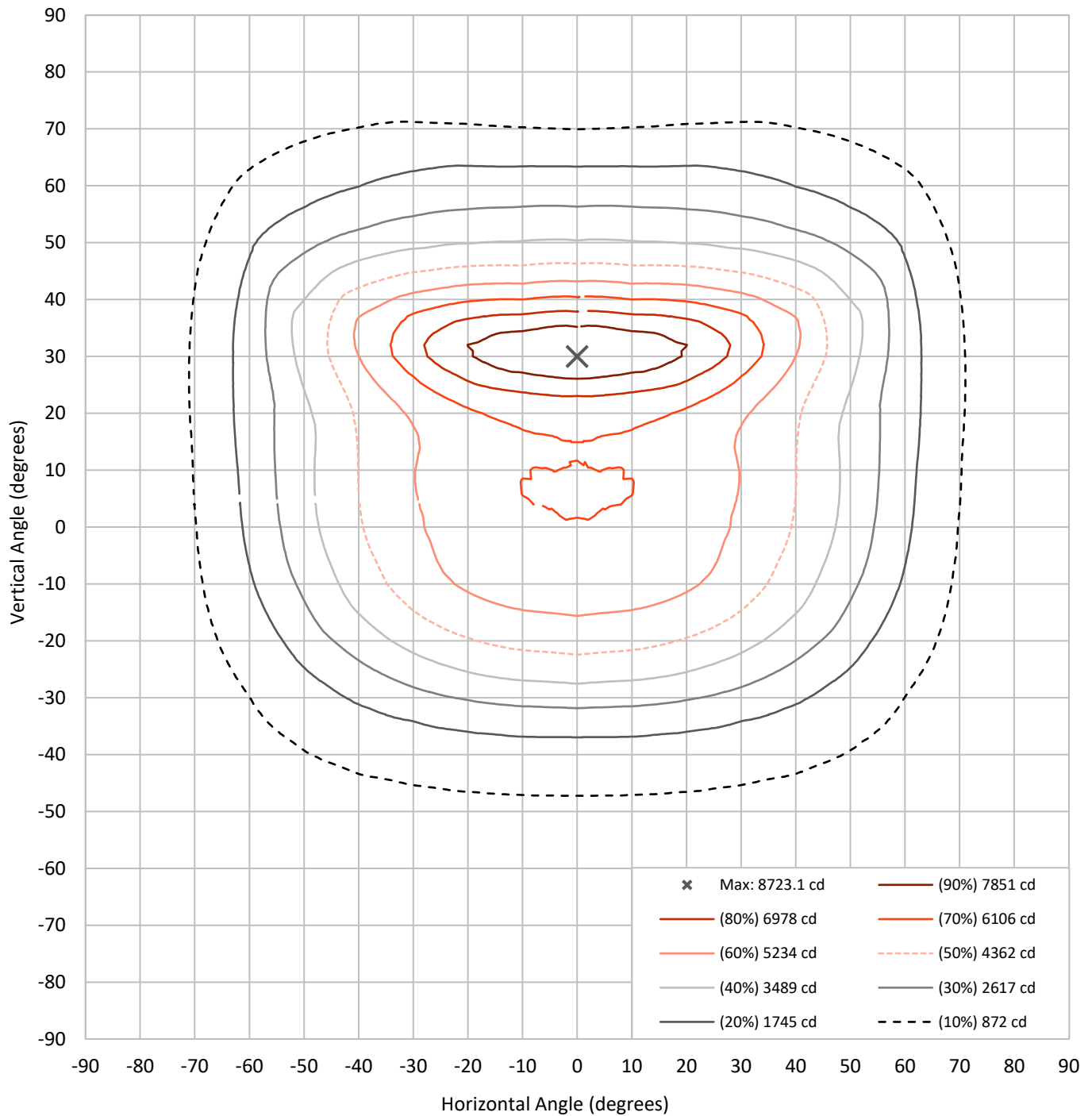
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14561.1 lumens	Max Intensity:	8723.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8467.4 lumens	Field Lumens:	13645.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9
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: P722020
CATALOG NUMBER: IFLD-S-SA2D-730-U-76

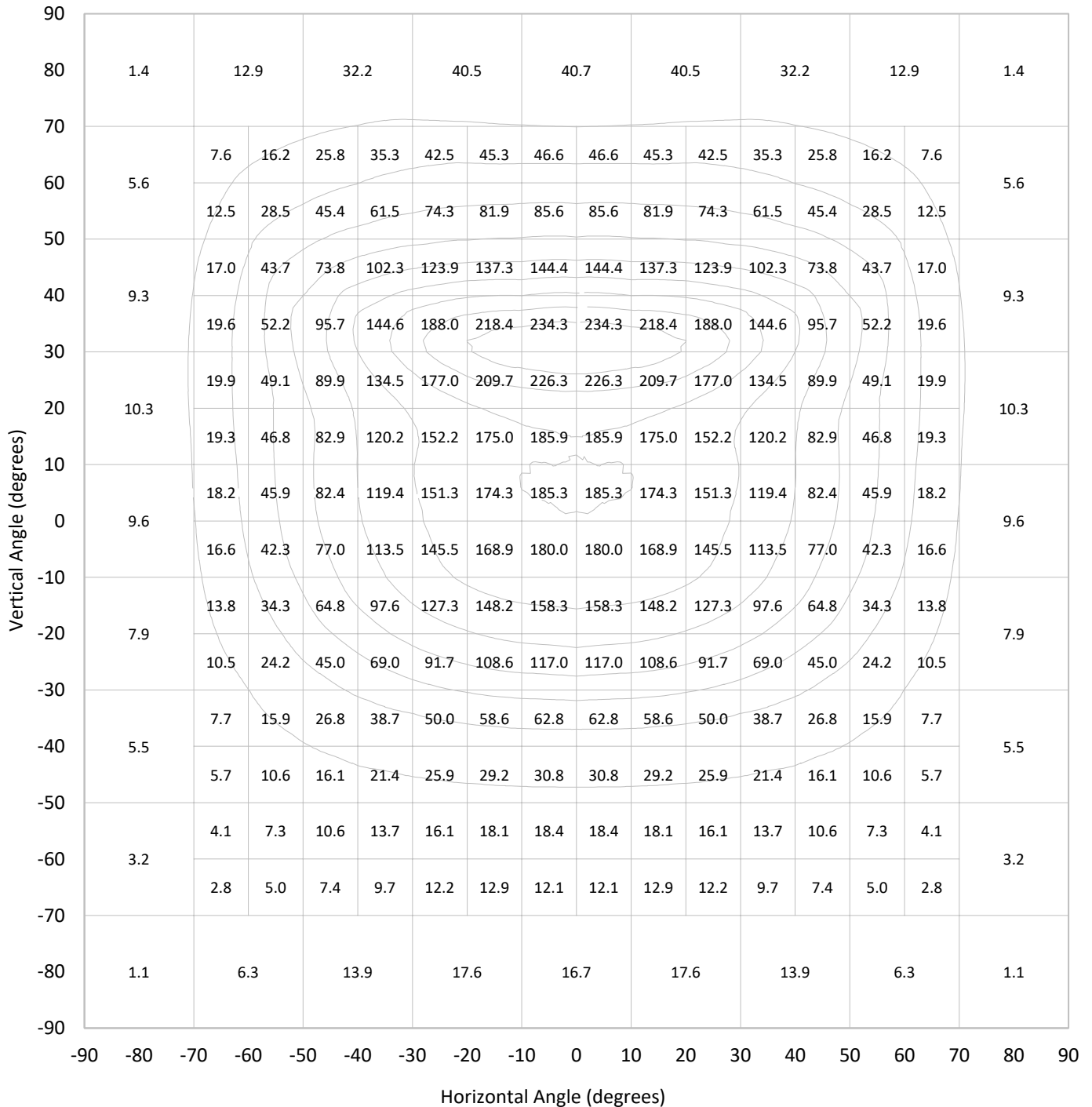
Iso-Candela Plot





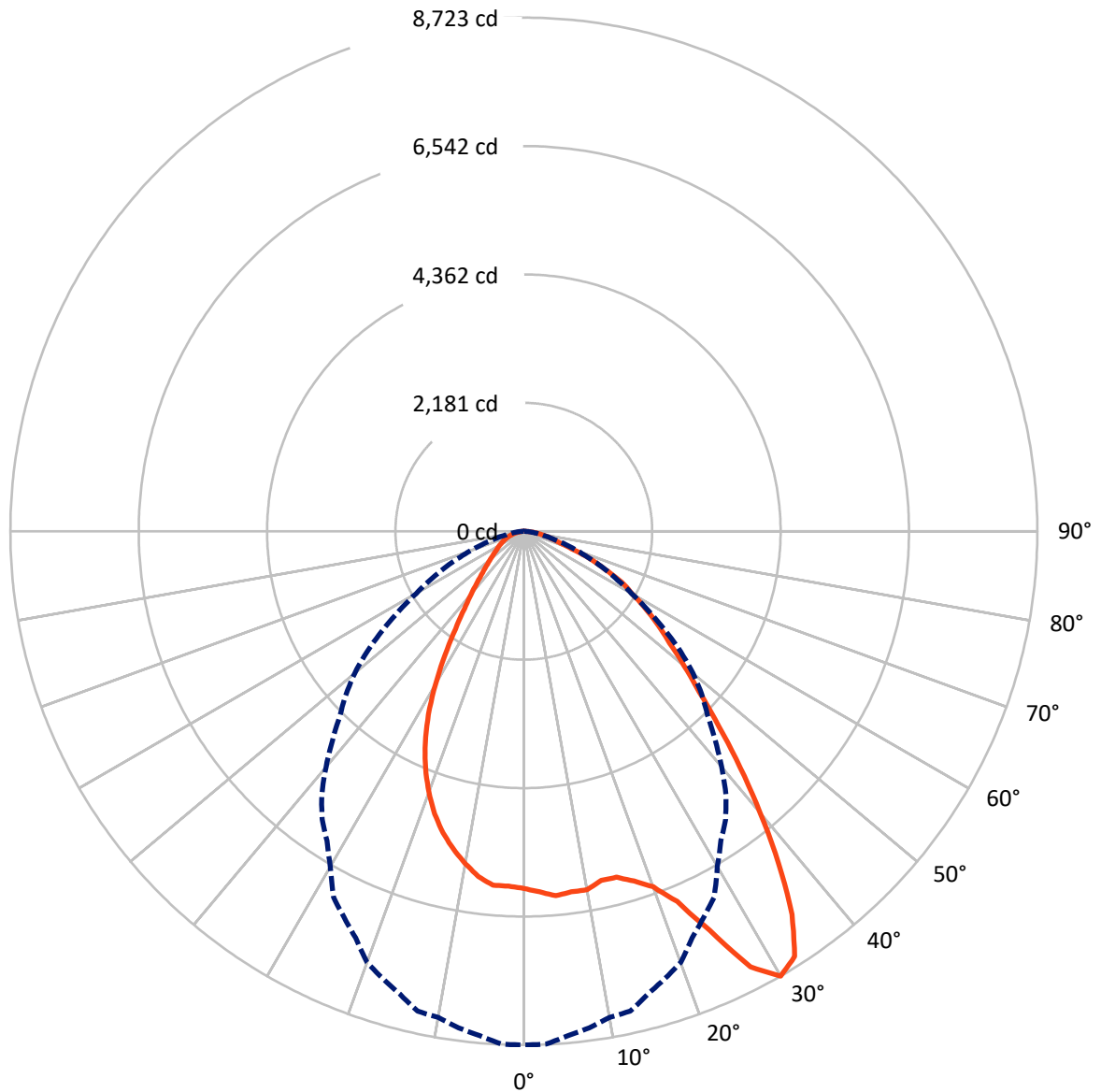
REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

Lumen Table



REPORT NUMBER: P722020
CATALOG NUMBER: IFLD-S-SA2D-730-U-76

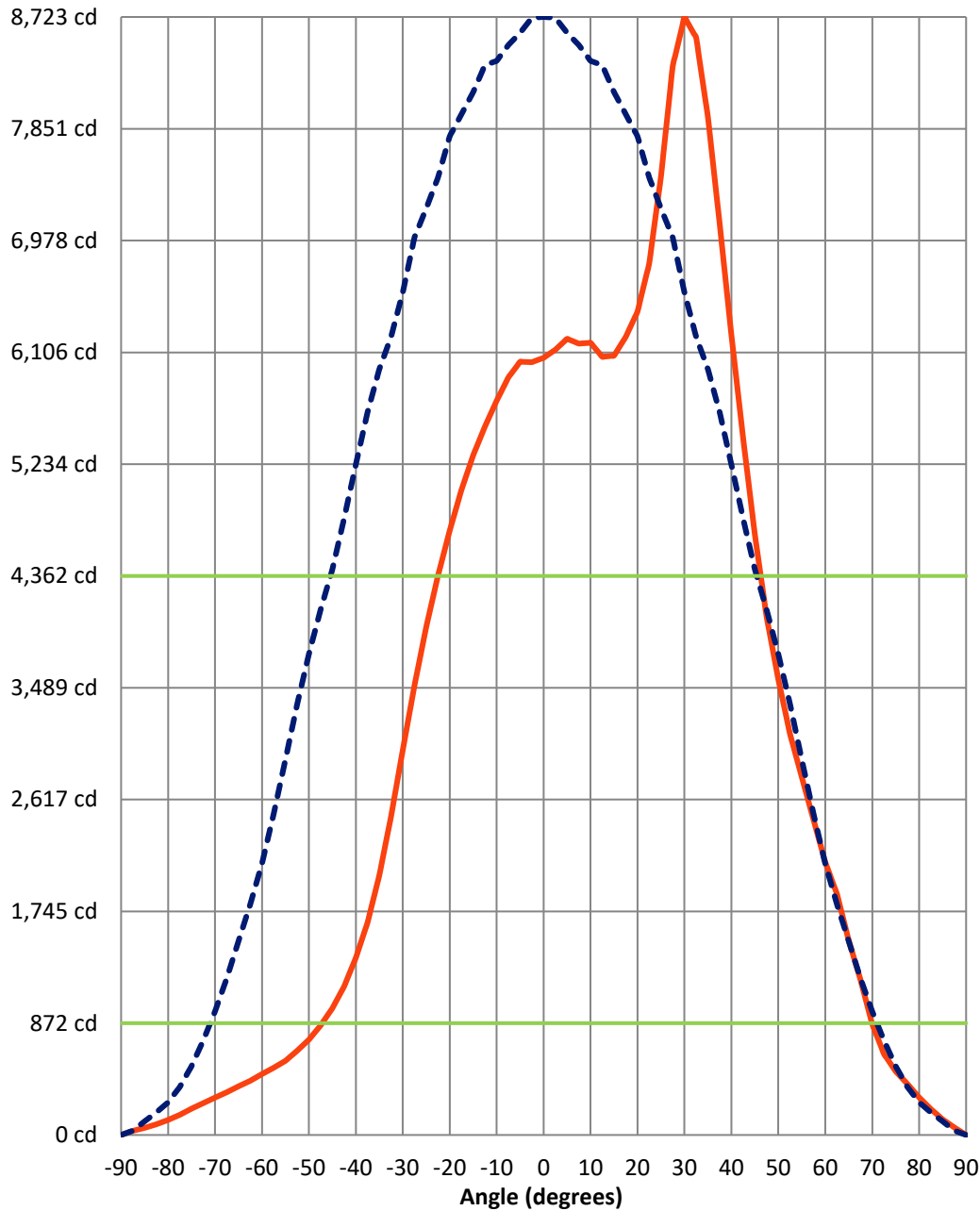
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 8467.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13645.6
 Efficiency: 93.7%

Spill:
 Lumens: 915.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

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°	58.6	60.2	61.7	61.7	60.2	60.2	60.2	58.6	60.2	60.2	60.2
85°	121.9	124.9	128.0	126.5	124.9	121.9	118.8	120.3	121.9	123.4	123.4
82.5°	202.1	206.7	209.8	208.2	205.2	202.1	199.0	200.5	203.6	205.2	205.2
80°	293.1	294.6	296.2	299.3	294.6	294.6	293.1	299.3	302.3	305.4	308.5
77.5°	398.0	399.5	399.5	401.1	402.6	404.1	404.1	414.9	422.7	427.3	431.9
75°	496.7	501.3	506.0	510.6	516.8	519.8	524.5	539.9	552.2	561.5	570.7
72.5°	632.4	638.6	646.3	657.1	667.9	675.6	686.4	704.9	718.8	728.1	738.9
70°	865.4	871.5	879.3	887.0	897.8	905.5	916.3	939.4	953.3	959.5	965.6
67.5°	1210.9	1226.3	1240.2	1224.8	1217.1	1206.3	1209.4	1231.0	1244.8	1254.1	1252.5
65°	1517.9	1528.7	1528.7	1527.1	1521.0	1507.1	1514.8	1541.0	1556.4	1564.1	1541.0
62.5°	1878.8	1878.8	1871.1	1883.5	1885.0	1875.7	1871.1	1872.7	1874.2	1878.8	1840.3
60°	2128.7	2144.1	2148.8	2159.6	2162.7	2162.7	2170.4	2176.5	2176.5	2167.3	2122.5
57.5°	2458.8	2488.1	2494.3	2486.6	2471.2	2451.1	2448.0	2438.8	2420.3	2401.7	2380.2
55°	2792.0	2807.4	2805.9	2801.3	2785.8	2762.7	2765.8	2753.4	2724.1	2701.0	2671.7
52.5°	3126.7	3163.8	3169.9	3160.7	3139.1	3114.4	3115.9	3102.1	3072.8	3048.1	3008.0
50°	3554.0	3584.9	3581.8	3566.4	3535.5	3517.0	3518.6	3492.3	3458.4	3450.7	3398.2
47.5°	4043.0	4078.5	4072.3	4050.7	4009.1	4001.4	4009.1	3975.1	3955.1	3938.1	3876.4
45°	4684.7	4726.4	4703.2	4661.6	4595.3	4603.0	4613.8	4607.6	4564.4	4519.7	4441.0
42.5°	5437.5	5463.7	5435.9	5394.3	5311.0	5326.4	5320.3	5283.2	5257.0	5183.0	5082.7
40°	6242.7	6299.8	6256.6	6191.8	6105.4	6128.5	6111.6	6063.8	6002.1	5909.5	5783.0
37.5°	7111.2	7155.9	7106.5	7030.9	6953.8	6946.1	6912.2	6838.1	6750.2	6648.4	6446.3
35°	7942.6	8058.3	7967.3	7846.9	7752.9	7717.4	7685.0	7513.8	7413.5	7248.4	6972.3
32.5°	8561.1	8646.0	8533.4	8408.4	8294.3	8244.9	8130.8	7927.2	7873.2	7526.1	7273.1
30°	8723.1	8716.9	8599.7	8504.1	8380.7	8346.7	8136.9	7964.2	7791.4	7470.6	7229.9
27.5°	8337.5	8298.9	8186.3	8103.0	7981.1	7941.0	7734.3	7641.8	7374.9	7103.4	6899.8
25°	7478.3	7498.3	7413.5	7371.8	7291.6	7205.2	7123.5	6998.5	6831.9	6594.4	6407.7
22.5°	6801.1	6827.3	6791.8	6742.5	6680.8	6633.0	6571.3	6474.1	6313.7	6167.1	5991.3
20°	6424.7	6417.0	6386.2	6349.1	6290.5	6256.6	6188.7	6107.0	5983.5	5857.1	5667.3
17.5°	6227.3	6179.5	6150.1	6136.3	6105.4	6062.2	5982.0	5898.7	5803.1	5659.6	5520.8
15°	6080.7	6088.4	6065.3	6054.5	6029.8	5969.7	5887.9	5820.0	5690.5	5618.0	5491.5
12.5°	6071.5	6063.8	6065.3	6060.7	6029.8	5952.7	5911.0	5824.7	5741.4	5645.7	5500.7
10°	6181.0	6099.2	6105.4	6127.0	6077.6	6015.9	5971.2	5877.1	5798.4	5676.6	5533.1
7.5°	6174.8	6133.2	6145.5	6110.0	6125.5	6049.9	5988.2	5894.1	5795.4	5665.8	5536.2
5°	6211.8	6148.6	6137.8	6140.9	6102.3	6045.2	5962.0	5872.5	5779.9	5634.9	5502.3
2.5°	6127.0	6136.3	6086.9	6068.4	6063.8	5968.1	5891.0	5804.6	5709.0	5580.9	5462.2
0°	6063.8	6080.7	6029.8	6003.6	6002.1	5920.3	5870.9	5772.2	5704.3	5597.9	5454.5
-2.5°	6029.8	6049.9	6056.0	6008.2	5962.0	5898.7	5815.4	5709.0	5597.9	5474.5	5351.1
-5°	6032.9	5992.8	5975.8	5991.3	5951.2	5887.9	5795.4	5701.3	5591.7	5459.1	5304.8
-7.5°	5911.0	5870.9	5867.9	5860.1	5850.9	5790.7	5713.6	5611.8	5500.7	5377.3	5233.9
-10°	5729.0	5699.7	5692.0	5684.3	5659.6	5624.1	5551.6	5459.1	5358.8	5235.4	5082.7
-12.5°	5527.0	5513.1	5483.8	5463.7	5439.0	5397.4	5328.0	5243.1	5142.9	5033.3	4902.2
-15°	5303.3	5277.1	5247.8	5230.8	5195.3	5145.9	5076.5	4997.9	4888.3	4780.4	4657.0
-17.5°	5033.3	5000.9	4968.6	4963.9	4939.2	4863.7	4798.9	4703.2	4607.6	4504.2	4383.9
-20°	4715.6	4670.8	4649.2	4636.9	4603.0	4547.4	4478.0	4390.1	4297.5	4198.8	4060.0



REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4363.9	4325.3	4288.3	4265.1	4235.8	4192.6	4126.3	4049.2	3958.2	3847.1	3719.1
-25°	3964.4	3910.4	3887.2	3861.0	3845.6	3805.5	3740.7	3669.7	3575.6	3467.7	3345.8
-27.5°	3507.8	3464.6	3452.2	3415.2	3396.7	3355.0	3301.1	3234.7	3148.3	3046.5	2946.3
-30°	3003.3	2977.1	2957.1	2920.0	2906.2	2861.4	2825.9	2770.4	2691.7	2619.2	2539.0
-32.5°	2485.0	2458.8	2452.7	2435.7	2426.4	2397.1	2357.0	2316.9	2253.7	2199.7	2134.9
-35°	2025.4	2006.9	2008.4	2006.9	1997.6	1976.0	1926.6	1915.8	1869.6	1820.2	1778.6
-37.5°	1658.2	1659.8	1658.2	1656.7	1644.4	1635.1	1599.6	1585.7	1558.0	1510.2	1485.5
-40°	1382.1	1385.2	1383.7	1380.6	1366.7	1362.1	1338.9	1320.4	1309.6	1275.7	1249.5
-42.5°	1158.5	1163.1	1161.5	1160.0	1150.7	1149.2	1136.9	1115.3	1109.1	1089.0	1061.3
-45°	988.8	987.2	984.1	987.2	982.6	978.0	970.3	956.4	948.7	939.4	916.3
-47.5°	854.6	856.1	853.0	853.0	846.9	842.2	839.1	829.9	823.7	816.0	802.1
-50°	743.5	749.7	748.1	746.6	742.0	738.9	738.9	729.6	720.4	717.3	708.0
-52.5°	657.1	661.8	663.3	666.4	667.9	669.5	664.8	655.6	640.2	638.6	634.0
-55°	578.5	592.3	601.6	607.8	613.9	618.6	609.3	597.0	581.5	575.4	573.8
-57.5°	524.5	538.3	549.1	558.4	566.1	573.8	564.6	552.2	538.3	530.6	529.1
-60°	475.1	487.4	498.2	510.6	521.4	533.7	529.1	519.8	512.1	506.0	499.8
-62.5°	422.7	435.0	447.3	462.8	476.6	489.0	490.5	489.0	487.4	489.0	478.2
-65°	379.5	385.6	393.3	410.3	425.7	439.6	447.3	452.0	459.7	467.4	456.6
-67.5°	333.2	340.9	350.2	362.5	374.8	384.1	394.9	407.2	419.6	431.9	424.2
-70°	291.5	297.7	305.4	311.6	319.3	325.5	334.7	348.6	362.5	374.8	371.8
-72.5°	248.4	254.5	259.1	262.2	266.9	269.9	274.6	286.9	296.2	302.3	302.3
-75°	205.2	211.3	216.0	217.5	220.6	222.1	225.2	229.8	234.5	236.0	237.6
-77.5°	157.3	163.5	168.1	171.2	174.3	177.4	178.9	182.0	183.6	183.6	185.1
-80°	117.2	121.9	124.9	129.6	131.1	134.2	137.3	138.8	140.4	140.4	141.9
-82.5°	83.3	86.4	89.5	92.6	95.6	97.2	100.3	101.8	103.4	104.9	106.4
-85°	55.5	58.6	61.7	64.8	66.3	67.9	69.4	71.0	72.5	74.0	75.6
-87.5°	32.4	33.9	35.5	38.6	40.1	43.2	44.7	43.2	44.7	44.7	44.7
-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: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

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°	60.2	60.2	60.2	60.2	58.6	55.5	54.0	50.9	47.8	44.7	41.6
85°	124.9	126.5	126.5	126.5	123.4	121.9	117.2	112.6	106.4	97.2	89.5
82.5°	208.2	209.8	209.8	208.2	205.2	200.5	194.4	186.6	174.3	162.0	151.2
80°	313.1	314.7	314.7	313.1	305.4	297.7	290.0	280.7	265.3	248.4	229.8
77.5°	438.1	441.2	441.2	436.5	425.7	416.5	404.1	388.7	365.6	340.9	316.2
75°	583.1	590.8	592.3	587.7	573.8	556.9	536.8	510.6	475.1	444.3	414.9
72.5°	751.2	758.9	765.1	758.9	738.9	715.7	686.4	655.6	620.1	578.5	529.1
70°	971.8	979.5	984.1	964.1	928.6	890.1	854.6	819.1	777.4	726.5	672.6
67.5°	1249.5	1241.8	1232.5	1192.4	1147.7	1101.4	1052.0	999.6	945.6	891.6	828.3
65°	1516.3	1494.7	1474.7	1426.9	1369.8	1309.6	1252.5	1193.9	1129.1	1061.3	1001.1
62.5°	1797.1	1750.8	1701.4	1642.8	1584.2	1517.9	1460.8	1391.4	1318.9	1235.6	1158.5
60°	2073.2	2017.7	1968.3	1895.8	1818.7	1729.2	1667.5	1599.6	1514.8	1425.3	1334.3
57.5°	2340.0	2279.9	2225.9	2162.7	2079.4	1982.2	1914.3	1826.4	1736.9	1624.3	1531.8
55°	2623.9	2563.7	2520.5	2449.6	2358.6	2269.1	2195.0	2102.5	1977.5	1857.2	1743.1
52.5°	2949.4	2901.5	2855.3	2782.8	2673.2	2582.2	2500.5	2397.1	2266.0	2117.9	1980.6
50°	3313.4	3288.7	3239.4	3154.5	3029.6	2949.4	2841.4	2704.1	2563.7	2407.9	2236.7
47.5°	3796.2	3756.1	3686.7	3594.1	3489.2	3368.9	3223.9	3063.5	2864.5	2691.7	2509.7
45°	4373.1	4299.1	4209.6	4084.7	3955.1	3819.4	3660.5	3456.9	3190.0	2964.8	2773.5
42.5°	4997.9	4897.6	4775.7	4612.2	4444.1	4277.5	4106.3	3828.6	3495.4	3236.3	3020.3
40°	5650.4	5522.3	5369.6	5132.1	4945.4	4731.0	4535.1	4120.1	3765.4	3484.6	3254.8
37.5°	6289.0	6127.0	5870.9	5582.5	5365.0	5189.1	4758.8	4314.5	3996.7	3688.2	3455.3
35°	6778.0	6640.7	6188.7	5889.5	5702.8	5425.1	4886.8	4431.7	4095.5	3839.4	3476.9
32.5°	7068.0	6713.2	6316.7	6014.4	5860.1	5405.1	4896.1	4465.7	4141.7	3854.8	3421.4
30°	7003.2	6574.3	6227.3	5974.3	5639.6	5230.8	4809.7	4413.2	4098.6	3751.5	3359.7
27.5°	6612.9	6281.3	5971.2	5707.4	5378.9	5011.7	4623.0	4274.4	3981.3	3645.0	3274.8
25°	6171.7	5870.9	5641.1	5411.3	5099.7	4749.5	4407.1	4155.6	3861.0	3529.4	3163.8
22.5°	5766.0	5550.1	5369.6	5129.0	4825.1	4519.7	4306.8	4046.1	3743.8	3407.5	3049.6
20°	5506.9	5360.4	5153.7	4888.3	4649.2	4458.0	4222.0	3945.8	3634.2	3282.5	2952.4
17.5°	5382.0	5212.3	4982.4	4809.7	4626.1	4416.3	4152.5	3859.5	3527.8	3225.5	2963.2
15°	5317.2	5138.2	4987.1	4817.4	4610.7	4390.1	4097.0	3793.1	3527.8	3248.6	2970.9
12.5°	5331.0	5176.8	5011.7	4826.6	4604.5	4368.5	4103.2	3820.9	3546.3	3265.6	2972.5
10°	5374.2	5212.3	5036.4	4831.3	4607.6	4374.7	4120.1	3837.9	3555.6	3273.3	2969.4
7.5°	5389.7	5213.8	5025.6	4818.9	4599.9	4371.6	4123.2	3842.5	3557.1	3271.7	2960.2
5°	5341.8	5183.0	5000.9	4792.7	4578.3	4356.2	4110.9	3836.3	3544.8	3256.3	2937.0
2.5°	5277.1	5149.0	4974.7	4774.2	4556.7	4334.6	4090.8	3808.6	3517.0	3228.6	2907.7
0°	5266.3	5107.4	4931.5	4752.6	4521.2	4286.7	4044.6	3756.1	3466.1	3176.1	2856.8
-2.5°	5195.3	5027.2	4851.3	4657.0	4453.3	4217.3	3962.8	3680.5	3393.6	3108.2	2801.3
-5°	5141.3	4954.7	4768.0	4558.2	4353.1	4117.1	3853.3	3578.7	3298.0	3020.3	2724.1
-7.5°	5068.8	4877.5	4681.6	4462.6	4240.5	3999.8	3739.1	3464.6	3188.4	2912.3	2628.5
-10°	4922.3	4754.1	4570.6	4343.8	4109.4	3868.7	3609.6	3339.6	3063.5	2784.3	2498.9
-12.5°	4744.9	4567.5	4367.0	4158.7	3948.9	3725.3	3466.1	3200.8	2923.1	2642.4	2358.6
-15°	4515.0	4340.7	4135.6	3932.0	3729.9	3515.5	3287.2	3048.1	2765.8	2489.7	2205.8
-17.5°	4228.1	4064.6	3881.1	3686.7	3486.2	3270.2	3048.1	2846.0	2582.2	2323.1	2042.3
-20°	3919.6	3766.9	3601.9	3418.3	3217.8	3006.4	2796.6	2585.3	2357.0	2128.7	1868.0



REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3598.8	3444.5	3277.9	3106.7	2921.6	2725.7	2531.3	2329.2	2128.7	1922.0	1701.4
-25°	3228.6	3092.8	2940.1	2773.5	2608.5	2437.2	2252.1	2068.6	1897.3	1718.4	1537.9
-27.5°	2841.4	2716.4	2577.6	2432.6	2290.7	2147.2	1986.8	1817.1	1675.2	1527.1	1377.5
-30°	2434.1	2333.9	2221.3	2094.8	1985.3	1869.6	1735.4	1595.0	1465.4	1352.8	1232.5
-32.5°	2048.5	1963.7	1883.5	1800.2	1692.2	1602.7	1510.2	1406.8	1292.7	1186.2	1099.8
-35°	1716.9	1625.8	1591.9	1530.2	1453.1	1374.4	1306.5	1232.5	1146.1	1052.0	981.1
-37.5°	1437.7	1383.7	1335.8	1301.9	1251.0	1187.8	1133.8	1079.8	1013.5	942.5	871.5
-40°	1220.2	1183.1	1130.7	1113.7	1081.3	1038.1	982.6	941.0	896.2	842.2	782.1
-42.5°	1045.8	1018.1	984.1	954.8	941.0	910.1	866.9	826.8	791.3	754.3	708.0
-45°	902.4	883.9	862.3	836.1	825.3	800.6	769.7	725.0	704.9	674.1	640.2
-47.5°	786.7	777.4	762.0	745.1	729.6	711.1	683.3	655.6	627.8	607.8	581.5
-50°	695.7	689.5	680.3	666.4	646.3	634.0	615.5	590.8	564.6	547.6	529.1
-52.5°	623.2	617.0	610.8	600.1	584.6	572.3	556.9	536.8	515.2	498.2	482.8
-55°	567.7	558.4	553.8	544.5	532.2	518.3	504.4	490.5	472.0	456.6	441.2
-57.5°	524.5	512.1	506.0	498.2	485.9	472.0	461.2	447.3	435.0	418.0	404.1
-60°	490.5	476.6	464.3	456.6	445.8	431.9	421.1	410.3	398.0	384.1	367.1
-62.5°	462.8	445.8	428.8	419.6	408.8	396.4	385.6	374.8	362.5	348.6	333.2
-65°	436.5	416.5	394.9	385.6	374.8	362.5	348.6	340.9	330.1	317.8	302.3
-67.5°	404.1	382.6	364.0	353.2	342.4	331.6	319.3	311.6	300.8	285.4	269.9
-70°	356.3	342.4	330.1	320.9	311.6	302.3	290.0	277.7	265.3	251.4	237.6
-72.5°	296.2	291.5	290.0	285.4	274.6	263.8	251.4	239.1	228.3	217.5	206.7
-75°	239.1	242.2	245.3	243.7	232.9	222.1	211.3	200.5	192.8	183.6	174.3
-77.5°	189.7	192.8	195.9	195.9	188.2	182.0	174.3	166.6	160.4	152.7	143.5
-80°	146.5	151.2	155.8	158.9	152.7	148.1	141.9	135.7	129.6	123.4	117.2
-82.5°	111.1	115.7	120.3	123.4	118.8	115.7	111.1	106.4	101.8	95.6	91.0
-85°	80.2	83.3	86.4	87.9	84.8	81.8	78.7	75.6	72.5	67.9	64.8
-87.5°	46.3	47.8	49.4	50.9	47.8	44.7	43.2	40.1	38.6	35.5	33.9
-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: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

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°	38.6	35.5	32.4	30.9	27.8	23.1	20.1	17.0	13.9	10.8	9.3
85°	81.8	74.0	64.8	60.2	54.0	47.8	41.6	35.5	29.3	23.1	17.0
82.5°	140.4	131.1	121.9	111.1	97.2	80.2	63.2	52.4	43.2	33.9	26.2
80°	211.3	194.4	178.9	165.1	149.6	128.0	104.9	83.3	58.6	44.7	33.9
77.5°	293.1	273.0	251.4	228.3	203.6	174.3	148.1	120.3	91.0	61.7	43.2
75°	385.6	359.4	330.1	297.7	265.3	226.8	189.7	157.3	123.4	86.4	52.4
72.5°	489.0	456.6	421.1	377.9	327.0	282.3	237.6	194.4	154.3	109.5	71.0
70°	621.6	570.7	518.3	472.0	407.2	336.3	283.8	234.5	183.6	134.2	89.5
67.5°	763.6	701.9	638.6	570.7	489.0	405.7	330.1	274.6	214.4	157.3	106.4
65°	917.8	840.7	760.5	684.9	572.3	473.6	388.7	313.1	243.7	178.9	123.4
62.5°	1076.7	985.7	893.1	794.4	664.8	543.0	444.3	356.3	271.5	199.0	138.8
60°	1246.4	1139.9	1027.3	903.9	752.8	618.6	496.7	401.1	300.8	219.0	155.8
57.5°	1425.3	1309.6	1177.0	1010.4	843.8	691.1	556.9	441.2	327.0	237.6	168.1
55°	1619.7	1487.0	1342.0	1121.4	933.2	763.6	617.0	481.3	354.8	253.0	180.5
52.5°	1829.5	1675.2	1491.6	1238.7	1027.3	837.6	672.6	516.8	381.0	269.9	191.3
50°	2063.9	1869.6	1622.8	1346.6	1109.1	907.0	728.1	555.3	402.6	288.5	200.5
47.5°	2307.7	2097.9	1740.0	1446.9	1192.4	974.9	785.2	589.3	424.2	303.9	209.8
45°	2562.2	2256.7	1861.9	1536.4	1264.9	1036.6	828.3	620.1	450.4	317.8	217.5
42.5°	2813.6	2377.1	1968.3	1625.8	1332.8	1092.1	863.8	649.4	472.0	331.6	225.2
40°	2932.4	2468.1	2053.1	1687.5	1389.8	1141.5	894.7	675.6	490.5	340.9	232.9
37.5°	2981.7	2523.6	2108.7	1746.2	1434.6	1167.7	920.9	698.8	506.0	350.2	239.1
35°	2992.5	2543.7	2136.4	1786.3	1471.6	1192.4	941.0	715.7	518.3	359.4	245.3
32.5°	2972.5	2537.5	2144.1	1800.2	1494.7	1210.9	954.8	728.1	527.6	368.7	251.4
30°	2927.8	2505.1	2116.4	1798.6	1511.7	1221.7	964.1	737.3	536.8	374.8	254.5
27.5°	2855.3	2448.0	2080.9	1800.2	1521.0	1226.3	968.7	742.0	543.0	379.5	260.7
25°	2765.8	2370.9	2082.4	1797.1	1522.5	1227.9	968.7	742.0	544.5	381.0	265.3
22.5°	2662.4	2370.9	2082.4	1792.4	1513.2	1224.8	964.1	738.9	544.5	384.1	269.9
20°	2668.6	2372.4	2077.8	1783.2	1499.4	1215.5	953.3	731.2	539.9	388.7	273.0
17.5°	2673.2	2369.4	2068.6	1770.8	1480.8	1200.1	939.4	720.4	539.9	393.3	274.6
15°	2673.2	2360.1	2054.7	1752.3	1457.7	1178.5	919.4	711.1	541.4	394.9	277.7
12.5°	2668.6	2343.1	2033.1	1727.7	1429.9	1152.3	907.0	708.0	541.4	396.4	277.7
10°	2659.4	2320.0	2005.3	1696.8	1403.7	1143.0	900.8	701.9	538.3	396.4	277.7
7.5°	2642.4	2292.2	1982.2	1678.3	1388.3	1132.2	891.6	692.6	533.7	393.3	280.7
5°	2616.2	2276.8	1963.7	1656.7	1366.7	1124.5	885.4	684.9	530.6	393.3	277.7
2.5°	2582.2	2258.3	1942.1	1628.9	1342.0	1098.3	865.4	667.9	519.8	387.2	274.6
0°	2526.7	2221.3	1905.0	1590.4	1308.1	1072.1	845.3	651.0	509.0	381.0	271.5
-2.5°	2475.8	2171.9	1857.2	1550.3	1275.7	1048.9	829.9	641.7	504.4	379.5	269.9
-5°	2404.8	2104.0	1794.0	1497.8	1232.5	1025.8	814.5	630.9	499.8	376.4	269.9
-7.5°	2326.2	2033.1	1727.7	1443.8	1189.3	985.7	785.2	613.9	489.0	370.2	268.4
-10°	2204.3	1926.6	1644.4	1382.1	1143.0	950.2	760.5	598.5	479.7	364.0	262.2
-12.5°	2074.7	1809.4	1548.7	1306.5	1090.6	913.2	732.7	581.5	468.9	357.9	259.1
-15°	1937.4	1689.1	1448.5	1227.9	1033.5	868.5	703.4	563.0	458.1	350.2	254.5
-17.5°	1794.0	1562.6	1345.1	1147.7	976.4	822.2	672.6	546.1	445.8	342.4	249.9
-20°	1642.8	1433.0	1240.2	1065.9	916.3	775.9	640.2	526.0	431.9	333.2	243.7



REPORT NUMBER: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1493.2	1305.0	1132.2	985.7	854.6	728.1	607.8	506.0	416.5	322.4	239.1
-25°	1360.5	1184.7	1036.6	908.6	794.4	681.8	573.8	485.9	399.5	311.6	232.9
-27.5°	1231.0	1081.3	942.5	836.1	735.8	637.1	541.4	464.3	382.6	299.3	226.8
-30°	1110.6	982.6	868.5	765.1	680.3	597.0	513.7	442.7	364.0	286.9	219.0
-32.5°	1001.1	897.8	802.1	703.4	627.8	556.9	487.4	421.1	345.5	274.6	211.3
-35°	899.3	819.1	735.8	652.5	575.4	519.8	459.7	398.0	328.6	260.7	203.6
-37.5°	808.3	743.5	677.2	606.2	539.9	484.4	433.5	374.8	311.6	248.4	195.9
-40°	729.6	677.2	618.6	561.5	506.0	453.5	407.2	351.7	294.6	239.1	188.2
-42.5°	657.1	617.0	569.2	521.4	472.0	425.7	381.0	327.0	277.7	228.3	180.5
-45°	601.6	561.5	522.9	479.7	438.1	398.0	353.2	305.4	262.2	216.0	172.8
-47.5°	549.1	513.7	478.2	442.7	408.8	371.8	327.0	286.9	245.3	205.2	166.6
-50°	502.9	468.9	438.1	407.2	377.9	342.4	300.8	268.4	231.4	194.4	158.9
-52.5°	459.7	430.4	399.5	374.8	350.2	314.7	280.7	249.9	217.5	182.0	151.2
-55°	421.1	393.3	365.6	342.4	319.3	288.5	260.7	234.5	203.6	172.8	143.5
-57.5°	384.1	361.0	334.7	313.1	290.0	265.3	242.2	217.5	189.7	163.5	135.7
-60°	350.2	328.6	305.4	283.8	263.8	243.7	222.1	202.1	177.4	152.7	128.0
-62.5°	316.2	297.7	277.7	256.1	240.6	222.1	205.2	185.1	165.1	143.5	114.1
-65°	285.4	268.4	249.9	231.4	217.5	203.6	188.2	169.7	152.7	132.7	101.8
-67.5°	254.5	239.1	223.7	208.2	195.9	185.1	169.7	155.8	141.9	120.3	89.5
-70°	225.2	212.9	199.0	186.6	177.4	165.1	154.3	141.9	129.6	104.9	75.6
-72.5°	197.4	185.1	174.3	165.1	157.3	146.5	137.3	128.0	111.1	87.9	63.2
-75°	165.1	157.3	151.2	143.5	135.7	128.0	120.3	109.5	92.6	71.0	49.4
-77.5°	135.7	131.1	126.5	120.3	114.1	108.0	98.7	87.9	74.0	55.5	40.1
-80°	111.1	106.4	103.4	97.2	92.6	86.4	77.1	67.9	54.0	43.2	32.4
-82.5°	84.8	81.8	78.7	75.6	71.0	64.8	55.5	47.8	40.1	32.4	24.7
-85°	60.2	58.6	55.5	52.4	47.8	43.2	37.0	32.4	27.8	21.6	17.0
-87.5°	30.9	29.3	27.8	26.2	24.7	21.6	18.5	15.4	13.9	10.8	7.7
-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: P722020
 CATALOG NUMBER: IFLD-S-SA2D-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.2	4.6	1.5	0.0
85°	12.3	7.7	3.1	0.0
82.5°	18.5	12.3	4.6	0.0
80°	24.7	15.4	7.7	0.0
77.5°	30.9	18.5	9.3	0.0
75°	37.0	23.1	10.8	0.0
72.5°	41.6	26.2	12.3	0.0
70°	49.4	30.9	13.9	0.0
67.5°	61.7	33.9	15.4	0.0
65°	72.5	37.0	17.0	0.0
62.5°	84.8	40.1	18.5	0.0
60°	95.6	43.2	20.1	0.0
57.5°	106.4	50.9	21.6	0.0
55°	115.7	57.1	23.1	0.0
52.5°	126.5	63.2	24.7	0.0
50°	135.7	69.4	26.2	0.0
47.5°	143.5	75.6	26.2	0.0
45°	149.6	80.2	27.8	0.0
42.5°	154.3	84.8	29.3	0.0
40°	158.9	89.5	30.9	0.0
37.5°	163.5	94.1	30.9	0.0
35°	168.1	98.7	32.4	0.0
32.5°	172.8	103.4	32.4	0.0
30°	175.9	106.4	33.9	0.0
27.5°	180.5	109.5	33.9	0.0
25°	182.0	112.6	35.5	0.0
22.5°	185.1	114.1	35.5	0.0
20°	188.2	117.2	35.5	0.0
17.5°	189.7	118.8	37.0	0.0
15°	189.7	120.3	38.6	0.0
12.5°	191.3	121.9	38.6	0.0
10°	191.3	124.9	37.0	0.0
7.5°	194.4	123.4	37.0	0.0
5°	192.8	123.4	37.0	0.0
2.5°	191.3	121.9	37.0	0.0
0°	189.7	121.9	37.0	0.0
-2.5°	189.7	121.9	37.0	0.0
-5°	189.7	121.9	37.0	0.0
-7.5°	188.2	123.4	37.0	0.0
-10°	185.1	123.4	37.0	0.0
-12.5°	183.6	118.8	37.0	0.0
-15°	182.0	117.2	37.0	0.0
-17.5°	178.9	115.7	35.5	0.0
-20°	175.9	114.1	35.5	0.0



REPORT NUMBER: P722020

CATALOG NUMBER: IFLD-S-SA2D-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	172.8	111.1	35.5	0.0
-25°	169.7	108.0	33.9	0.0
-27.5°	166.6	104.9	33.9	0.0
-30°	162.0	101.8	32.4	0.0
-32.5°	157.3	98.7	32.4	0.0
-35°	154.3	94.1	30.9	0.0
-37.5°	149.6	89.5	30.9	0.0
-40°	145.0	84.8	29.3	0.0
-42.5°	140.4	80.2	27.8	0.0
-45°	134.2	75.6	27.8	0.0
-47.5°	129.6	71.0	26.2	0.0
-50°	121.9	64.8	24.7	0.0
-52.5°	112.6	58.6	23.1	0.0
-55°	103.4	54.0	21.6	0.0
-57.5°	94.1	47.8	21.6	0.0
-60°	84.8	41.6	20.1	0.0
-62.5°	75.6	38.6	18.5	0.0
-65°	66.3	35.5	17.0	0.0
-67.5°	55.5	30.9	15.4	0.0
-70°	46.3	27.8	13.9	0.0
-72.5°	40.1	24.7	12.3	0.0
-75°	33.9	21.6	10.8	0.0
-77.5°	29.3	18.5	9.3	0.0
-80°	23.1	13.9	6.2	0.0
-82.5°	17.0	10.8	4.6	0.0
-85°	10.8	7.7	3.1	0.0
-87.5°	6.2	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)