

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: P722319

Luminaire Tested: **IFLD-S-SA6C-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722319
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

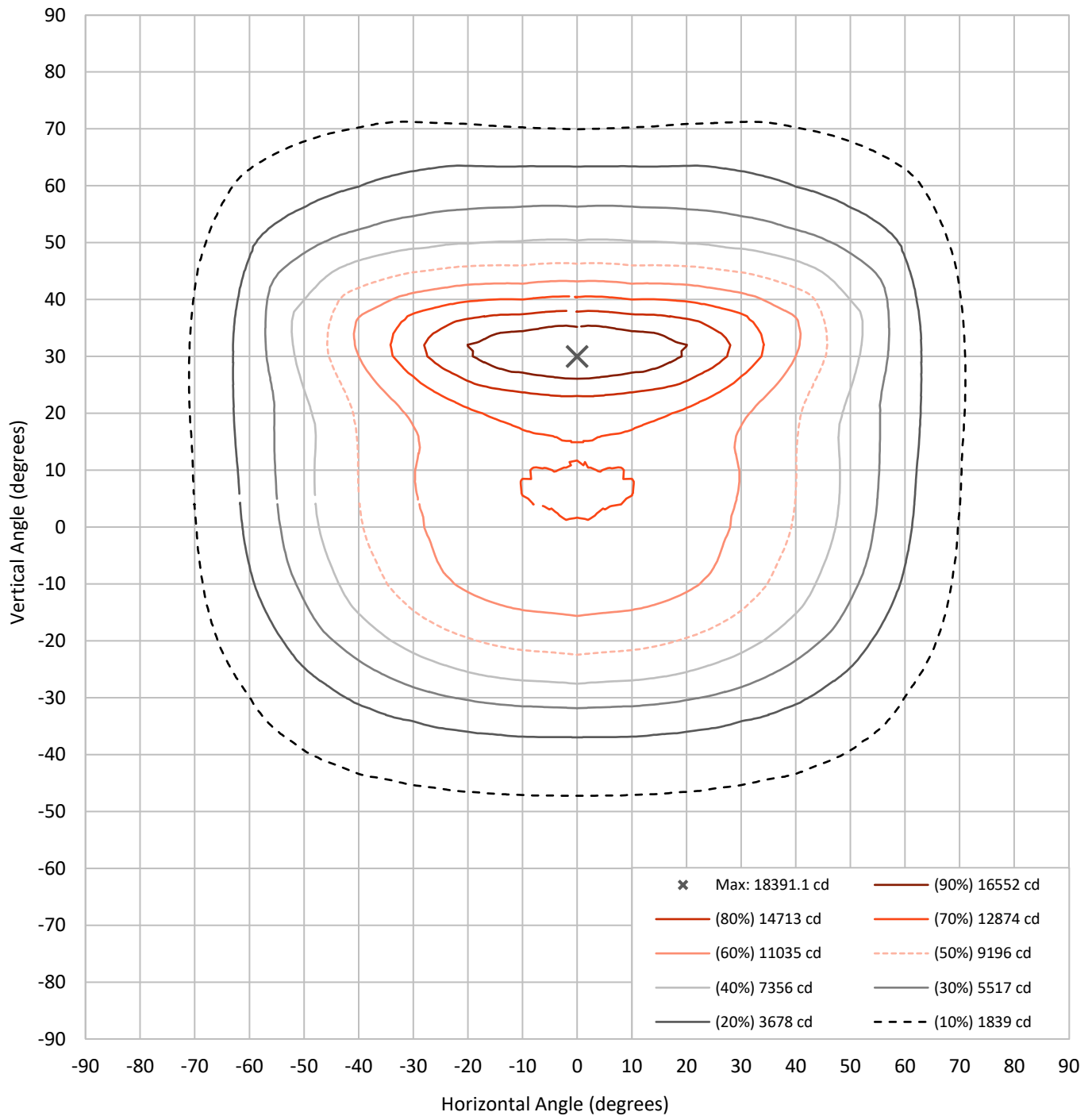
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	30699.4 lumens	Max Intensity:	18391.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	17852.1 lumens	Field Lumens:	28769.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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: P722319
CATALOG NUMBER: IFLD-S-SA6C-940-U-76

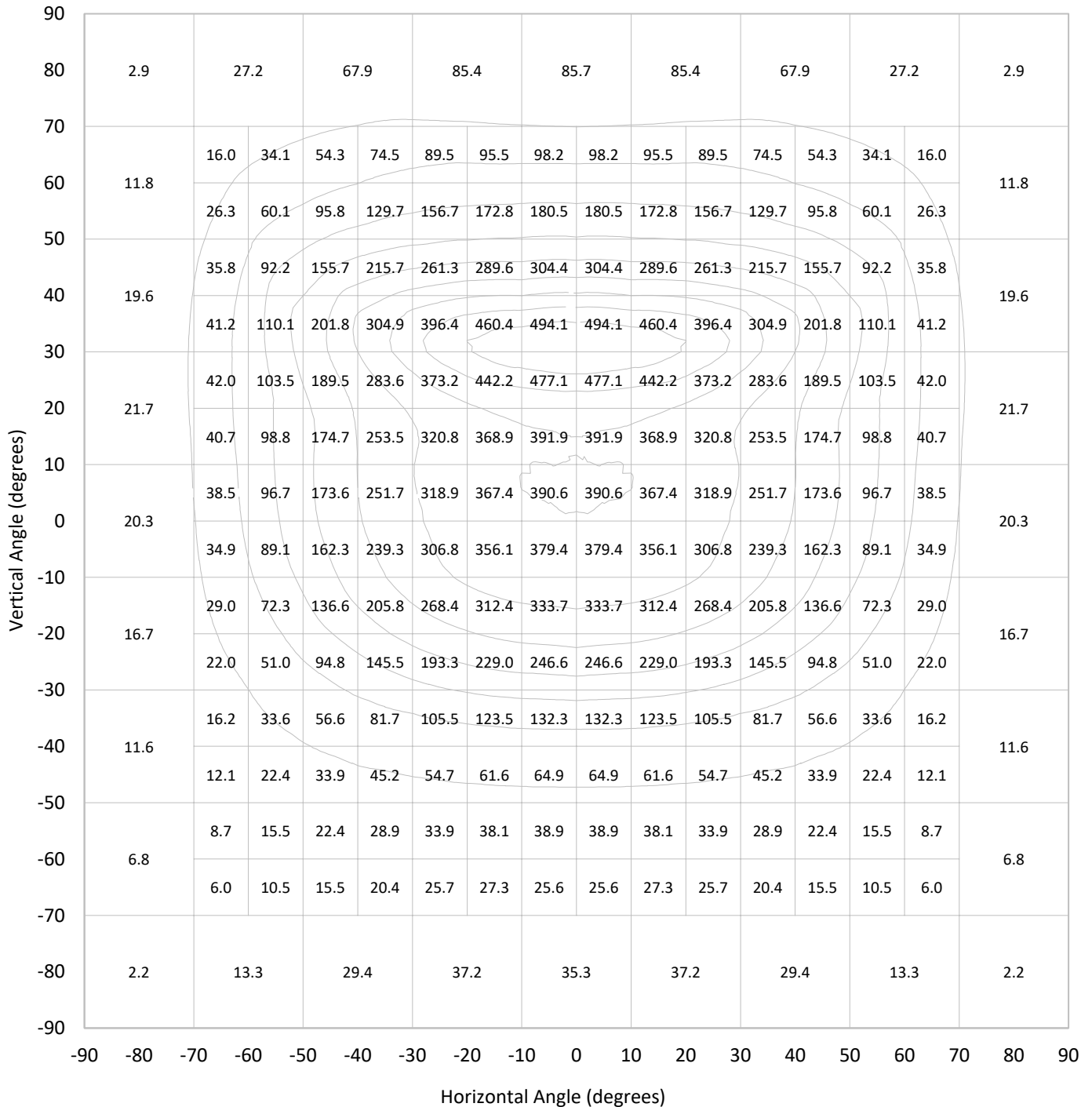
Iso-Candela Plot





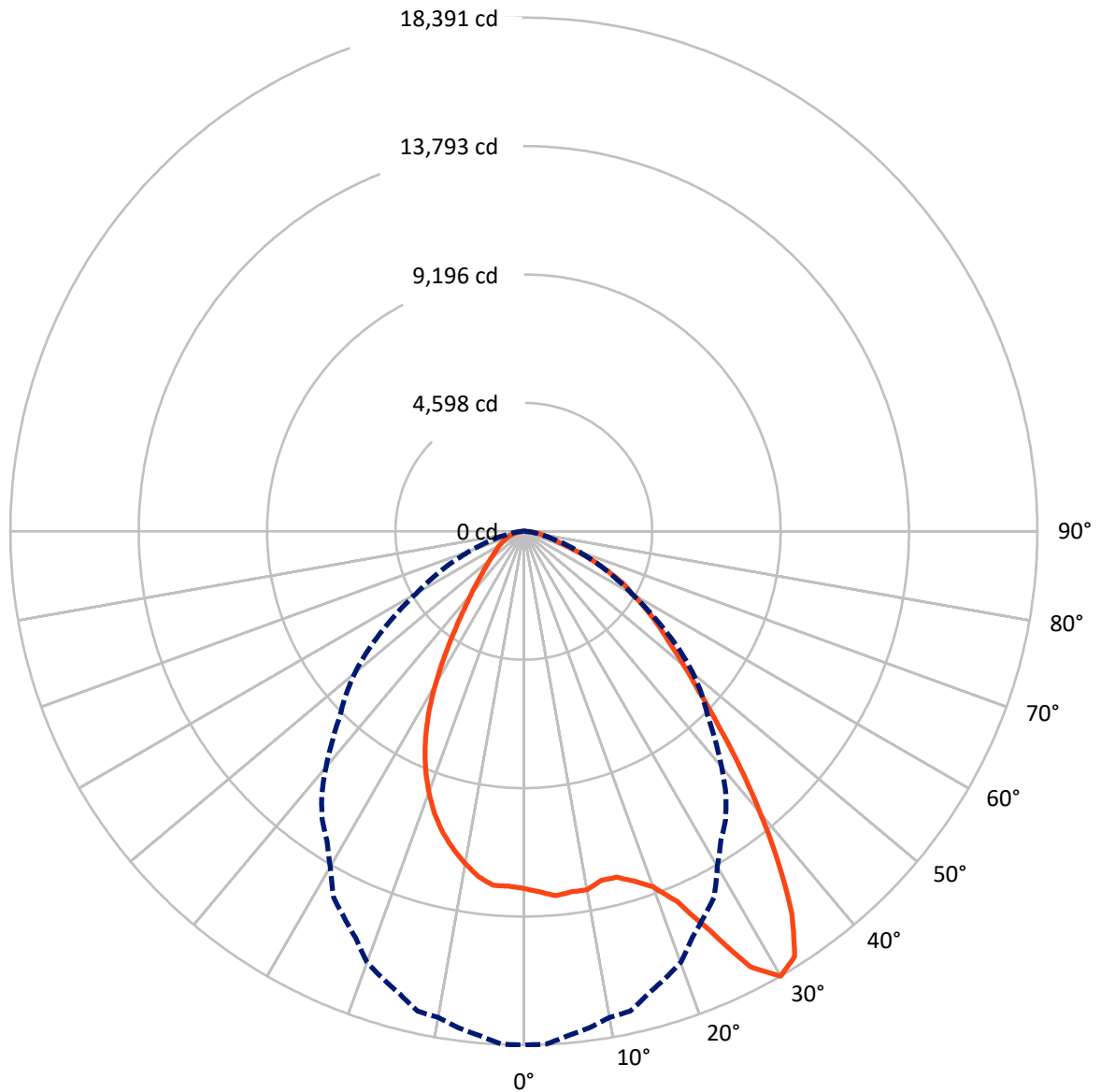
REPORT NUMBER: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-U-76

Lumen Table



REPORT NUMBER: P722319
CATALOG NUMBER: IFLD-S-SA6C-940-U-76

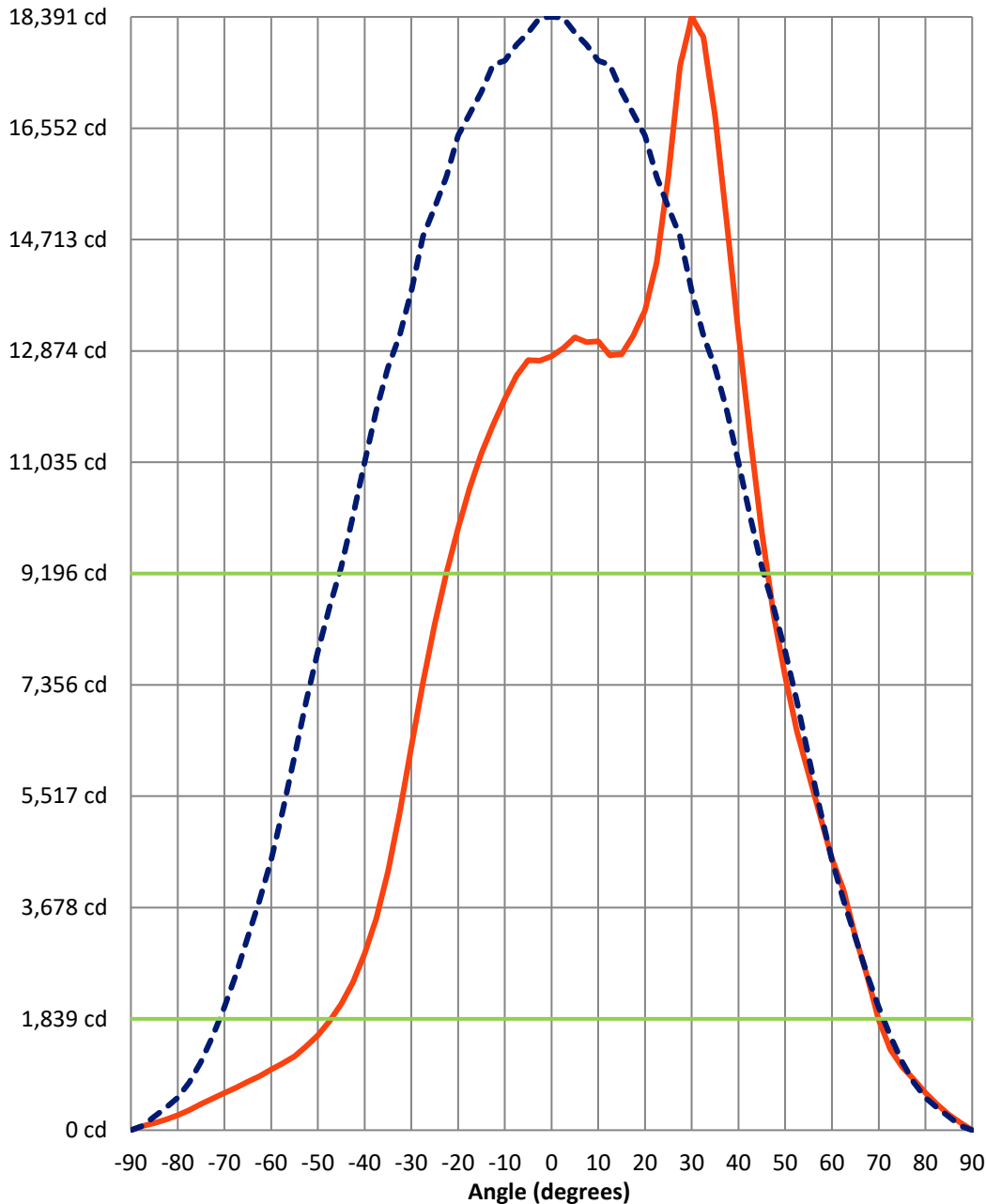
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 17852.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 28769.3
 Efficiency: 93.7%

Spill:
 Lumens: 1930.1
 Efficiency: 6.3%

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



REPORT NUMBER: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-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°	123.6	126.8	130.1	130.1	126.8	126.8	126.8	123.6	126.8	126.8	126.8
85°	256.9	263.4	269.9	266.7	263.4	256.9	250.4	253.7	256.9	260.2	260.2
82.5°	426.0	435.8	442.3	439.0	432.5	426.0	419.5	422.8	429.3	432.5	432.5
80°	617.9	621.2	624.4	630.9	621.2	621.2	617.9	630.9	637.4	643.9	650.4
77.5°	839.1	842.3	842.3	845.6	848.8	852.1	852.1	874.8	891.1	900.9	910.6
75°	1047.2	1057.0	1066.7	1076.5	1089.5	1096.0	1105.7	1138.3	1164.3	1183.8	1203.3
72.5°	1333.4	1346.4	1362.7	1385.4	1408.2	1424.5	1447.2	1486.3	1515.5	1535.0	1557.8
70°	1824.5	1837.5	1853.7	1870.0	1892.8	1909.0	1931.8	1980.6	2009.9	2022.9	2035.9
67.5°	2553.0	2585.5	2614.8	2582.2	2566.0	2543.2	2549.7	2595.2	2624.5	2644.0	2640.8
65°	3200.2	3222.9	3222.9	3219.7	3206.7	3177.4	3193.6	3248.9	3281.5	3297.7	3248.9
62.5°	3961.2	3961.2	3944.9	3970.9	3974.2	3954.7	3944.9	3948.2	3951.4	3961.2	3879.9
60°	4488.0	4520.5	4530.3	4553.1	4559.6	4559.6	4575.8	4588.8	4588.8	4569.3	4475.0
57.5°	5184.0	5245.8	5258.8	5242.5	5210.0	5167.7	5161.2	5141.7	5102.7	5063.7	5018.1
55°	5886.5	5919.0	5915.7	5906.0	5873.5	5824.7	5831.2	5805.2	5743.4	5694.6	5632.8
52.5°	6592.2	6670.2	6683.2	6663.7	6618.2	6566.2	6569.4	6540.2	6478.4	6426.3	6341.8
50°	7493.0	7558.1	7551.6	7519.1	7454.0	7415.0	7418.2	7363.0	7291.4	7275.1	7164.6
47.5°	8524.0	8598.8	8585.8	8540.2	8452.4	8436.2	8452.4	8380.9	8338.6	8302.8	8172.8
45°	9876.9	9964.7	9915.9	9828.1	9688.3	9704.5	9727.3	9714.3	9623.2	9528.9	9363.1
42.5°	11464.0	11519.3	11460.7	11372.9	11197.3	11229.8	11216.8	11138.7	11083.5	10927.4	10716.0
40°	13161.6	13281.9	13190.9	13054.3	12872.2	12920.9	12885.2	12784.4	12654.3	12459.1	12192.5
37.5°	14992.6	15086.9	14982.8	14823.5	14660.9	14644.6	14573.1	14417.0	14231.6	14016.9	13590.9
35°	16745.5	16989.4	16797.6	16543.9	16345.5	16270.7	16202.4	15841.4	15630.0	15282.0	14699.9
32.5°	18049.6	18228.5	17991.1	17727.7	17487.0	17383.0	17142.3	16713.0	16599.2	15867.4	15334.1
30°	18391.1	18378.1	18131.0	17929.3	17669.1	17597.6	17155.3	16791.1	16426.8	15750.4	15243.0
27.5°	17578.1	17496.8	17259.4	17083.7	16826.8	16742.3	16306.5	16111.3	15548.7	14976.3	14547.0
25°	15766.6	15808.9	15630.0	15542.2	15373.1	15191.0	15018.6	14755.2	14403.9	13903.1	13509.6
22.5°	14338.9	14394.2	14319.4	14215.3	14085.2	13984.4	13854.3	13649.4	13311.2	13002.3	12631.5
20°	13545.4	13529.1	13464.1	13386.0	13262.4	13190.9	13047.8	12875.4	12615.2	12348.6	11948.5
17.5°	13129.1	13028.3	12966.5	12937.2	12872.2	12781.1	12612.0	12436.4	12234.7	11932.3	11639.6
15°	12820.1	12836.4	12787.6	12764.8	12712.8	12586.0	12413.6	12270.5	11997.3	11844.5	11577.8
12.5°	12800.6	12784.4	12787.6	12777.9	12712.8	12550.2	12462.4	12280.3	12104.6	11903.0	11597.3
10°	13031.5	12859.2	12872.2	12917.7	12813.6	12683.5	12589.2	12390.8	12225.0	11968.1	11665.6
7.5°	13018.5	12930.7	12956.7	12881.9	12914.4	12755.1	12625.0	12426.6	12218.5	11945.3	11672.1
5°	13096.6	12963.2	12940.5	12947.0	12865.7	12745.3	12569.7	12381.1	12186.0	11880.2	11600.6
2.5°	12917.7	12937.2	12833.1	12794.1	12784.4	12582.7	12420.1	12238.0	12036.4	11766.4	11516.0
0°	12784.4	12820.1	12712.8	12657.5	12654.3	12481.9	12377.8	12169.7	12026.6	11802.2	11499.7
-2.5°	12712.8	12755.1	12768.1	12667.3	12569.7	12436.4	12260.8	12036.4	11802.2	11542.0	11281.8
-5°	12719.3	12634.8	12599.0	12631.5	12546.9	12413.6	12218.5	12020.1	11789.2	11509.5	11184.3
-7.5°	12462.4	12377.8	12371.3	12355.1	12335.6	12208.7	12046.1	11831.5	11597.3	11337.1	11034.7
-10°	12078.6	12016.8	12000.6	11984.3	11932.3	11857.5	11704.6	11509.5	11298.1	11037.9	10716.0
-12.5°	11652.6	11623.3	11561.5	11519.3	11467.2	11379.4	11233.1	11054.2	10842.8	10611.9	10335.5
-15°	11181.0	11125.7	11063.9	11028.2	10953.4	10849.3	10703.0	10537.1	10306.2	10078.5	9818.4
-17.5°	10611.9	10543.6	10475.3	10465.5	10413.5	10254.2	10117.6	9915.9	9714.3	9496.4	9242.7
-20°	9941.9	9847.6	9802.1	9776.1	9704.5	9587.5	9441.1	9255.7	9060.6	8852.5	8559.8



REPORT NUMBER: P722319

CATALOG NUMBER: IFLD-S-SA6C-940-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9200.4	9119.1	9041.1	8992.3	8930.5	8839.4	8699.6	8537.0	8345.1	8111.0	7841.0
-25°	8358.1	8244.3	8195.5	8140.2	8107.7	8023.2	7886.6	7737.0	7538.6	7310.9	7054.0
-27.5°	7395.5	7304.4	7278.4	7200.3	7161.3	7073.5	6959.7	6819.8	6637.7	6423.1	6211.7
-30°	6332.0	6276.7	6234.4	6156.4	6127.1	6032.8	5958.0	5840.9	5675.1	5522.2	5353.1
-32.5°	5239.3	5184.0	5171.0	5135.2	5115.7	5053.9	4969.3	4884.8	4751.4	4637.6	4501.0
-35°	4270.1	4231.1	4234.4	4231.1	4211.6	4166.1	4062.0	4039.2	3941.7	3837.6	3749.8
-37.5°	3496.1	3499.4	3496.1	3492.9	3466.8	3447.3	3372.5	3343.3	3284.7	3183.9	3131.9
-40°	2914.0	2920.5	2917.2	2910.7	2881.4	2871.7	2822.9	2783.9	2761.1	2689.6	2634.3
-42.5°	2442.4	2452.2	2448.9	2445.6	2426.1	2422.9	2396.9	2351.3	2338.3	2296.0	2237.5
-45°	2084.7	2081.4	2074.9	2081.4	2071.6	2061.9	2045.6	2016.4	2000.1	1980.6	1931.8
-47.5°	1801.7	1805.0	1798.5	1798.5	1785.5	1775.7	1769.2	1749.7	1736.7	1720.4	1691.1
-50°	1567.6	1580.6	1577.3	1574.1	1564.3	1557.8	1557.8	1538.3	1518.8	1512.3	1492.8
-52.5°	1385.4	1395.2	1398.4	1404.9	1408.2	1411.5	1401.7	1382.2	1349.7	1346.4	1336.6
-55°	1219.6	1248.8	1268.4	1281.4	1294.4	1304.1	1284.6	1258.6	1226.1	1213.1	1209.8
-57.5°	1105.7	1135.0	1157.8	1177.3	1193.6	1209.8	1190.3	1164.3	1135.0	1118.8	1115.5
-60°	1001.7	1027.7	1050.5	1076.5	1099.2	1125.3	1115.5	1096.0	1079.7	1066.7	1053.7
-62.5°	891.1	917.1	943.1	975.7	1004.9	1030.9	1034.2	1030.9	1027.7	1030.9	1008.2
-65°	800.0	813.0	829.3	865.1	897.6	926.9	943.1	952.9	969.2	985.4	962.6
-67.5°	702.5	718.7	738.2	764.3	790.3	809.8	832.6	858.6	884.6	910.6	894.4
-70°	614.7	627.7	643.9	656.9	673.2	686.2	705.7	735.0	764.3	790.3	783.8
-72.5°	523.6	536.6	546.4	552.9	562.6	569.1	578.9	604.9	624.4	637.4	637.4
-75°	432.5	445.5	455.3	458.6	465.1	468.3	474.8	484.6	494.3	497.6	500.8
-77.5°	331.7	344.7	354.5	361.0	367.5	374.0	377.3	383.8	387.0	387.0	390.3
-80°	247.2	256.9	263.4	273.2	276.4	282.9	289.4	292.7	295.9	295.9	299.2
-82.5°	175.6	182.1	188.6	195.1	201.6	204.9	211.4	214.6	217.9	221.1	224.4
-85°	117.1	123.6	130.1	136.6	139.8	143.1	146.3	149.6	152.9	156.1	159.4
-87.5°	68.3	71.5	74.8	81.3	84.6	91.1	94.3	91.1	94.3	94.3	94.3
-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: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-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°	126.8	126.8	126.8	126.8	123.6	117.1	113.8	107.3	100.8	94.3	87.8
85°	263.4	266.7	266.7	266.7	260.2	256.9	247.2	237.4	224.4	204.9	188.6
82.5°	439.0	442.3	442.3	439.0	432.5	422.8	409.8	393.5	367.5	341.5	318.7
80°	660.2	663.4	663.4	660.2	643.9	627.7	611.4	591.9	559.4	523.6	484.6
77.5°	923.6	930.1	930.1	920.4	897.6	878.1	852.1	819.6	770.8	718.7	666.7
75°	1229.3	1245.6	1248.8	1239.1	1209.8	1174.0	1131.8	1076.5	1001.7	936.6	874.8
72.5°	1583.8	1600.1	1613.1	1600.1	1557.8	1509.0	1447.2	1382.2	1307.4	1219.6	1115.5
70°	2048.9	2065.1	2074.9	2032.6	1957.8	1876.5	1801.7	1726.9	1639.1	1531.8	1418.0
67.5°	2634.3	2618.0	2598.5	2513.9	2419.6	2322.1	2218.0	2107.4	1993.6	1879.8	1746.4
65°	3196.9	3151.4	3109.1	3008.3	2887.9	2761.1	2640.8	2517.2	2380.6	2237.5	2110.7
62.5°	3788.8	3691.2	3587.2	3463.6	3340.0	3200.2	3079.8	2933.5	2780.6	2605.0	2442.4
60°	4370.9	4253.9	4149.8	3996.9	3834.3	3645.7	3515.6	3372.5	3193.6	3005.0	2813.1
57.5°	4933.6	4806.7	4692.9	4559.6	4384.0	4179.1	4036.0	3850.6	3662.0	3424.6	3229.4
55°	5532.0	5405.1	5314.1	5164.5	4972.6	4784.0	4627.9	4432.7	4169.3	3915.6	3675.0
52.5°	6218.2	6117.4	6019.8	5866.9	5636.0	5444.2	5271.8	5053.9	4777.5	4465.3	4175.8
50°	6985.7	6933.7	6829.6	6650.7	6387.3	6218.2	5990.5	5701.1	5405.1	5076.7	4715.7
47.5°	8003.6	7919.1	7772.7	7577.6	7356.5	7102.8	6797.1	6458.8	6039.3	5675.1	5291.3
45°	9220.0	9063.9	8875.2	8611.8	8338.6	8052.4	7717.4	7288.2	6725.5	6250.7	5847.4
42.5°	10537.1	10325.7	10068.8	9724.0	9369.6	9018.3	8657.3	8071.9	7369.5	6823.1	6367.8
40°	11912.8	11642.8	11320.9	10820.0	10426.5	9974.5	9561.4	8686.6	7938.6	7346.7	6862.1
37.5°	13259.2	12917.7	12377.8	11769.7	11311.1	10940.4	10033.0	9096.4	8426.4	7776.0	7284.9
35°	14290.1	14000.7	13047.8	12416.9	12023.3	11437.9	10302.9	9343.5	8634.6	8094.7	7330.4
32.5°	14901.5	14153.5	13317.7	12680.3	12355.1	11395.7	10322.4	9415.1	8732.1	8127.2	7213.4
30°	14764.9	13860.8	13129.1	12595.7	11890.0	11028.2	10140.3	9304.5	8641.1	7909.3	7083.3
27.5°	13942.1	13242.9	12589.2	12033.1	11340.4	10566.4	9746.8	9011.8	8393.9	7684.9	6904.4
25°	13012.0	12377.8	11893.3	11408.7	10751.7	10013.5	9291.5	8761.4	8140.2	7441.0	6670.2
22.5°	12156.7	11701.4	11320.9	10813.5	10172.8	9528.9	9080.1	8530.5	7893.1	7184.1	6429.6
20°	11610.3	11301.4	10865.6	10306.2	9802.1	9398.8	8901.2	8319.1	7662.2	6920.7	6224.7
17.5°	11346.9	10989.1	10504.6	10140.3	9753.3	9311.0	8754.9	8137.0	7437.8	6800.3	6247.5
15°	11210.3	10833.0	10514.3	10156.6	9720.8	9255.7	8637.8	7997.1	7437.8	6849.1	6263.7
12.5°	11239.6	10914.3	10566.4	10176.1	9707.8	9210.2	8650.8	8055.7	7476.8	6884.9	6267.0
10°	11330.6	10989.1	10618.4	10185.9	9714.3	9223.2	8686.6	8091.4	7496.3	6901.1	6260.5
7.5°	11363.1	10992.4	10595.6	10159.8	9698.0	9216.7	8693.1	8101.2	7499.5	6897.9	6241.0
5°	11262.3	10927.4	10543.6	10104.6	9652.5	9184.2	8667.1	8088.2	7473.5	6865.4	6192.2
2.5°	11125.7	10855.8	10488.3	10065.5	9607.0	9138.7	8624.8	8029.7	7415.0	6806.8	6130.4
0°	11103.0	10768.0	10397.2	10020.0	9532.2	9037.8	8527.2	7919.1	7307.7	6696.3	6023.1
-2.5°	10953.4	10598.9	10228.1	9818.4	9389.1	8891.5	8354.9	7759.7	7154.8	6553.2	5906.0
-5°	10839.5	10446.0	10052.5	9610.2	9177.7	8680.1	8124.0	7545.1	6953.2	6367.8	5743.4
-7.5°	10686.7	10283.4	9870.4	9408.6	8940.3	8432.9	7883.3	7304.4	6722.3	6140.1	5541.7
-10°	10377.7	10023.2	9636.2	9158.2	8663.8	8156.5	7610.1	7041.0	6458.8	5870.2	5268.5
-12.5°	10003.7	9629.7	9206.9	8767.9	8325.6	7854.0	7307.7	6748.3	6162.9	5571.0	4972.6
-15°	9519.2	9151.7	8719.1	8289.8	7863.8	7411.7	6930.4	6426.3	5831.2	5249.0	4650.6
-17.5°	8914.3	8569.5	8182.5	7772.7	7349.9	6894.6	6426.3	6000.3	5444.2	4897.8	4305.9
-20°	8263.8	7941.8	7593.9	7206.9	6784.1	6338.5	5896.2	5450.7	4969.3	4488.0	3938.4



REPORT NUMBER: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7587.4	7262.1	6910.9	6549.9	6159.6	5746.6	5336.8	4910.8	4488.0	4052.2	3587.2
-25°	6806.8	6520.6	6198.7	5847.4	5499.5	5138.5	4748.2	4361.2	4000.2	3622.9	3242.4
-27.5°	5990.5	5727.1	5434.4	5128.7	4829.5	4527.0	4188.8	3831.1	3531.9	3219.7	2904.2
-30°	5132.0	4920.6	4683.2	4416.5	4185.6	3941.7	3658.7	3362.8	3089.6	2852.2	2598.5
-32.5°	4318.9	4140.0	3970.9	3795.3	3567.7	3379.0	3183.9	2966.0	2725.3	2500.9	2318.8
-35°	3619.7	3427.8	3356.3	3226.2	3063.6	2897.7	2754.6	2598.5	2416.4	2218.0	2068.4
-37.5°	3031.0	2917.2	2816.4	2744.8	2637.5	2504.2	2390.4	2276.5	2136.7	1987.1	1837.5
-40°	2572.5	2494.4	2383.9	2348.1	2279.8	2188.7	2071.6	1983.8	1889.5	1775.7	1648.9
-42.5°	2205.0	2146.4	2074.9	2013.1	1983.8	1918.8	1827.7	1743.2	1668.4	1590.3	1492.8
-45°	1902.5	1863.5	1818.0	1762.7	1739.9	1687.9	1622.8	1528.5	1486.3	1421.2	1349.7
-47.5°	1658.6	1639.1	1606.6	1570.8	1538.3	1499.3	1440.7	1382.2	1323.6	1281.4	1226.1
-50°	1466.7	1453.7	1434.2	1404.9	1362.7	1336.6	1297.6	1245.6	1190.3	1154.5	1115.5
-52.5°	1313.9	1300.9	1287.9	1265.1	1232.6	1206.6	1174.0	1131.8	1086.2	1050.5	1017.9
-55°	1196.8	1177.3	1167.5	1148.0	1122.0	1092.7	1063.5	1034.2	995.2	962.6	930.1
-57.5°	1105.7	1079.7	1066.7	1050.5	1024.4	995.2	972.4	943.1	917.1	881.3	852.1
-60°	1034.2	1004.9	978.9	962.6	939.9	910.6	887.8	865.1	839.1	809.8	774.0
-62.5°	975.7	939.9	904.1	884.6	861.8	835.8	813.0	790.3	764.3	735.0	702.5
-65°	920.4	878.1	832.6	813.0	790.3	764.3	735.0	718.7	696.0	670.0	637.4
-67.5°	852.1	806.5	767.5	744.8	722.0	699.2	673.2	656.9	634.2	601.7	569.1
-70°	751.3	722.0	696.0	676.5	656.9	637.4	611.4	585.4	559.4	530.1	500.8
-72.5°	624.4	614.7	611.4	601.7	578.9	556.1	530.1	504.1	481.3	458.6	435.8
-75°	504.1	510.6	517.1	513.8	491.1	468.3	445.5	422.8	406.5	387.0	367.5
-77.5°	400.0	406.5	413.0	413.0	396.8	383.8	367.5	351.2	338.2	322.0	302.5
-80°	309.0	318.7	328.5	335.0	322.0	312.2	299.2	286.2	273.2	260.2	247.2
-82.5°	234.2	243.9	253.7	260.2	250.4	243.9	234.2	224.4	214.6	201.6	191.9
-85°	169.1	175.6	182.1	185.4	178.9	172.4	165.9	159.4	152.9	143.1	136.6
-87.5°	97.6	100.8	104.1	107.3	100.8	94.3	91.1	84.6	81.3	74.8	71.5
-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: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-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°	81.3	74.8	68.3	65.0	58.5	48.8	42.3	35.8	29.3	22.8	19.5
85°	172.4	156.1	136.6	126.8	113.8	100.8	87.8	74.8	61.8	48.8	35.8
82.5°	295.9	276.4	256.9	234.2	204.9	169.1	133.3	110.6	91.1	71.5	55.3
80°	445.5	409.8	377.3	348.0	315.5	269.9	221.1	175.6	123.6	94.3	71.5
77.5°	617.9	575.6	530.1	481.3	429.3	367.5	312.2	253.7	191.9	130.1	91.1
75°	813.0	757.8	696.0	627.7	559.4	478.1	400.0	331.7	260.2	182.1	110.6
72.5°	1030.9	962.6	887.8	796.8	689.5	595.2	500.8	409.8	325.2	230.9	149.6
70°	1310.6	1203.3	1092.7	995.2	858.6	709.0	598.4	494.3	387.0	282.9	188.6
67.5°	1609.8	1479.7	1346.4	1203.3	1030.9	855.3	696.0	578.9	452.1	331.7	224.4
65°	1935.1	1772.4	1603.3	1444.0	1206.6	998.4	819.6	660.2	513.8	377.3	260.2
62.5°	2270.0	2078.1	1883.0	1674.9	1401.7	1144.8	936.6	751.3	572.4	419.5	292.7
60°	2627.8	2403.4	2166.0	1905.8	1587.1	1304.1	1047.2	845.6	634.2	461.8	328.5
57.5°	3005.0	2761.1	2481.4	2130.2	1778.9	1457.0	1174.0	930.1	689.5	500.8	354.5
55°	3414.8	3135.1	2829.4	2364.3	1967.6	1609.8	1300.9	1014.7	748.0	533.4	380.5
52.5°	3857.1	3531.9	3144.9	2611.5	2166.0	1765.9	1418.0	1089.5	803.3	569.1	403.3
50°	4351.4	3941.7	3421.3	2839.2	2338.3	1912.3	1535.0	1170.8	848.8	608.2	422.8
47.5°	4865.3	4423.0	3668.5	3050.6	2513.9	2055.4	1655.4	1242.3	894.4	640.7	442.3
45°	5401.9	4758.0	3925.4	3239.2	2666.8	2185.5	1746.4	1307.4	949.6	670.0	458.6
42.5°	5932.0	5011.6	4149.8	3427.8	2809.9	2302.5	1821.2	1369.2	995.2	699.2	474.8
40°	6182.4	5203.5	4328.7	3557.9	2930.2	2406.6	1886.3	1424.5	1034.2	718.7	491.1
37.5°	6286.5	5320.6	4445.7	3681.5	3024.5	2461.9	1941.6	1473.2	1066.7	738.2	504.1
35°	6309.2	5362.9	4504.3	3766.0	3102.6	2513.9	1983.8	1509.0	1092.7	757.8	517.1
32.5°	6267.0	5349.9	4520.5	3795.3	3151.4	2553.0	2013.1	1535.0	1112.2	777.3	530.1
30°	6172.7	5281.6	4462.0	3792.1	3187.1	2575.7	2032.6	1554.5	1131.8	790.3	536.6
27.5°	6019.8	5161.2	4387.2	3795.3	3206.7	2585.5	2042.4	1564.3	1144.8	800.0	549.6
25°	5831.2	4998.6	4390.5	3788.8	3209.9	2588.7	2042.4	1564.3	1148.0	803.3	559.4
22.5°	5613.3	4998.6	4390.5	3779.0	3190.4	2582.2	2032.6	1557.8	1148.0	809.8	569.1
20°	5626.3	5001.9	4380.7	3759.5	3161.1	2562.7	2009.9	1541.5	1138.3	819.6	575.6
17.5°	5636.0	4995.4	4361.2	3733.5	3122.1	2530.2	1980.6	1518.8	1138.3	829.3	578.9
15°	5636.0	4975.8	4331.9	3694.5	3073.3	2484.7	1938.3	1499.3	1141.5	832.6	585.4
12.5°	5626.3	4940.1	4286.4	3642.5	3014.8	2429.4	1912.3	1492.8	1141.5	835.8	585.4
10°	5606.8	4891.3	4227.8	3577.4	2959.5	2409.9	1899.3	1479.7	1135.0	835.8	585.4
7.5°	5571.0	4832.8	4179.1	3538.4	2927.0	2387.1	1879.8	1460.2	1125.3	829.3	591.9
5°	5515.7	4800.2	4140.0	3492.9	2881.4	2370.8	1866.8	1444.0	1118.8	829.3	585.4
2.5°	5444.2	4761.2	4094.5	3434.3	2829.4	2315.6	1824.5	1408.2	1096.0	816.3	578.9
0°	5327.1	4683.2	4016.5	3353.0	2757.9	2260.3	1782.2	1372.4	1073.2	803.3	572.4
-2.5°	5219.8	4579.1	3915.6	3268.5	2689.6	2211.5	1749.7	1352.9	1063.5	800.0	569.1
-5°	5070.2	4436.0	3782.3	3157.9	2598.5	2162.7	1717.2	1330.1	1053.7	793.5	569.1
-7.5°	4904.3	4286.4	3642.5	3044.0	2507.4	2078.1	1655.4	1294.4	1030.9	780.5	565.9
-10°	4647.4	4062.0	3466.8	2914.0	2409.9	2003.3	1603.3	1261.8	1011.4	767.5	552.9
-12.5°	4374.2	3814.8	3265.2	2754.6	2299.3	1925.3	1544.8	1226.1	988.7	754.5	546.4
-15°	4084.7	3561.1	3053.8	2588.7	2179.0	1831.0	1483.0	1187.0	965.9	738.2	536.6
-17.5°	3782.3	3294.5	2835.9	2419.6	2058.6	1733.4	1418.0	1151.3	939.9	722.0	526.9
-20°	3463.6	3021.3	2614.8	2247.3	1931.8	1635.9	1349.7	1109.0	910.6	702.5	513.8



REPORT NUMBER: P722319

CATALOG NUMBER: IFLD-S-SA6C-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3148.1	2751.4	2387.1	2078.1	1801.7	1535.0	1281.4	1066.7	878.1	679.7	504.1
-25°	2868.4	2497.7	2185.5	1915.5	1674.9	1437.5	1209.8	1024.4	842.3	656.9	491.1
-27.5°	2595.2	2279.8	1987.1	1762.7	1551.3	1343.2	1141.5	978.9	806.5	630.9	478.1
-30°	2341.6	2071.6	1831.0	1613.1	1434.2	1258.6	1083.0	933.4	767.5	604.9	461.8
-32.5°	2110.7	1892.8	1691.1	1483.0	1323.6	1174.0	1027.7	887.8	728.5	578.9	445.5
-35°	1896.0	1726.9	1551.3	1375.7	1213.1	1096.0	969.2	839.1	692.7	549.6	429.3
-37.5°	1704.1	1567.6	1427.7	1278.1	1138.3	1021.2	913.9	790.3	656.9	523.6	413.0
-40°	1538.3	1427.7	1304.1	1183.8	1066.7	956.1	858.6	741.5	621.2	504.1	396.8
-42.5°	1385.4	1300.9	1200.1	1099.2	995.2	897.6	803.3	689.5	585.4	481.3	380.5
-45°	1268.4	1183.8	1102.5	1011.4	923.6	839.1	744.8	643.9	552.9	455.3	364.2
-47.5°	1157.8	1083.0	1008.2	933.4	861.8	783.8	689.5	604.9	517.1	432.5	351.2
-50°	1060.2	988.7	923.6	858.6	796.8	722.0	634.2	565.9	487.8	409.8	335.0
-52.5°	969.2	907.4	842.3	790.3	738.2	663.4	591.9	526.9	458.6	383.8	318.7
-55°	887.8	829.3	770.8	722.0	673.2	608.2	549.6	494.3	429.3	364.2	302.5
-57.5°	809.8	761.0	705.7	660.2	611.4	559.4	510.6	458.6	400.0	344.7	286.2
-60°	738.2	692.7	643.9	598.4	556.1	513.8	468.3	426.0	374.0	322.0	269.9
-62.5°	666.7	627.7	585.4	539.9	507.3	468.3	432.5	390.3	348.0	302.5	240.7
-65°	601.7	565.9	526.9	487.8	458.6	429.3	396.8	357.7	322.0	279.7	214.6
-67.5°	536.6	504.1	471.6	439.0	413.0	390.3	357.7	328.5	299.2	253.7	188.6
-70°	474.8	448.8	419.5	393.5	374.0	348.0	325.2	299.2	273.2	221.1	159.4
-72.5°	416.3	390.3	367.5	348.0	331.7	309.0	289.4	269.9	234.2	185.4	133.3
-75°	348.0	331.7	318.7	302.5	286.2	269.9	253.7	230.9	195.1	149.6	104.1
-77.5°	286.2	276.4	266.7	253.7	240.7	227.7	208.1	185.4	156.1	117.1	84.6
-80°	234.2	224.4	217.9	204.9	195.1	182.1	162.6	143.1	113.8	91.1	68.3
-82.5°	178.9	172.4	165.9	159.4	149.6	136.6	117.1	100.8	84.6	68.3	52.0
-85°	126.8	123.6	117.1	110.6	100.8	91.1	78.1	68.3	58.5	45.5	35.8
-87.5°	65.0	61.8	58.5	55.3	52.0	45.5	39.0	32.5	29.3	22.8	16.3
-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: P722319
 CATALOG NUMBER: IFLD-S-SA6C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.0	9.8	3.3	0.0
85°	26.0	16.3	6.5	0.0
82.5°	39.0	26.0	9.8	0.0
80°	52.0	32.5	16.3	0.0
77.5°	65.0	39.0	19.5	0.0
75°	78.1	48.8	22.8	0.0
72.5°	87.8	55.3	26.0	0.0
70°	104.1	65.0	29.3	0.0
67.5°	130.1	71.5	32.5	0.0
65°	152.9	78.1	35.8	0.0
62.5°	178.9	84.6	39.0	0.0
60°	201.6	91.1	42.3	0.0
57.5°	224.4	107.3	45.5	0.0
55°	243.9	120.3	48.8	0.0
52.5°	266.7	133.3	52.0	0.0
50°	286.2	146.3	55.3	0.0
47.5°	302.5	159.4	55.3	0.0
45°	315.5	169.1	58.5	0.0
42.5°	325.2	178.9	61.8	0.0
40°	335.0	188.6	65.0	0.0
37.5°	344.7	198.4	65.0	0.0
35°	354.5	208.1	68.3	0.0
32.5°	364.2	217.9	68.3	0.0
30°	370.7	224.4	71.5	0.0
27.5°	380.5	230.9	71.5	0.0
25°	383.8	237.4	74.8	0.0
22.5°	390.3	240.7	74.8	0.0
20°	396.8	247.2	74.8	0.0
17.5°	400.0	250.4	78.1	0.0
15°	400.0	253.7	81.3	0.0
12.5°	403.3	256.9	81.3	0.0
10°	403.3	263.4	78.1	0.0
7.5°	409.8	260.2	78.1	0.0
5°	406.5	260.2	78.1	0.0
2.5°	403.3	256.9	78.1	0.0
0°	400.0	256.9	78.1	0.0
-2.5°	400.0	256.9	78.1	0.0
-5°	400.0	256.9	78.1	0.0
-7.5°	396.8	260.2	78.1	0.0
-10°	390.3	260.2	78.1	0.0
-12.5°	387.0	250.4	78.1	0.0
-15°	383.8	247.2	78.1	0.0
-17.5°	377.3	243.9	74.8	0.0
-20°	370.7	240.7	74.8	0.0



REPORT NUMBER: P722319

CATALOG NUMBER: IFLD-S-SA6C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	364.2	234.2	74.8	0.0
-25°	357.7	227.7	71.5	0.0
-27.5°	351.2	221.1	71.5	0.0
-30°	341.5	214.6	68.3	0.0
-32.5°	331.7	208.1	68.3	0.0
-35°	325.2	198.4	65.0	0.0
-37.5°	315.5	188.6	65.0	0.0
-40°	305.7	178.9	61.8	0.0
-42.5°	295.9	169.1	58.5	0.0
-45°	282.9	159.4	58.5	0.0
-47.5°	273.2	149.6	55.3	0.0
-50°	256.9	136.6	52.0	0.0
-52.5°	237.4	123.6	48.8	0.0
-55°	217.9	113.8	45.5	0.0
-57.5°	198.4	100.8	45.5	0.0
-60°	178.9	87.8	42.3	0.0
-62.5°	159.4	81.3	39.0	0.0
-65°	139.8	74.8	35.8	0.0
-67.5°	117.1	65.0	32.5	0.0
-70°	97.6	58.5	29.3	0.0
-72.5°	84.6	52.0	26.0	0.0
-75°	71.5	45.5	22.8	0.0
-77.5°	61.8	39.0	19.5	0.0
-80°	48.8	29.3	13.0	0.0
-82.5°	35.8	22.8	9.8	0.0
-85°	22.8	16.3	6.5	0.0
-87.5°	13.0	6.5	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)