

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: P722234

Luminaire Tested: **IFLD-S-SA6E-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722234
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

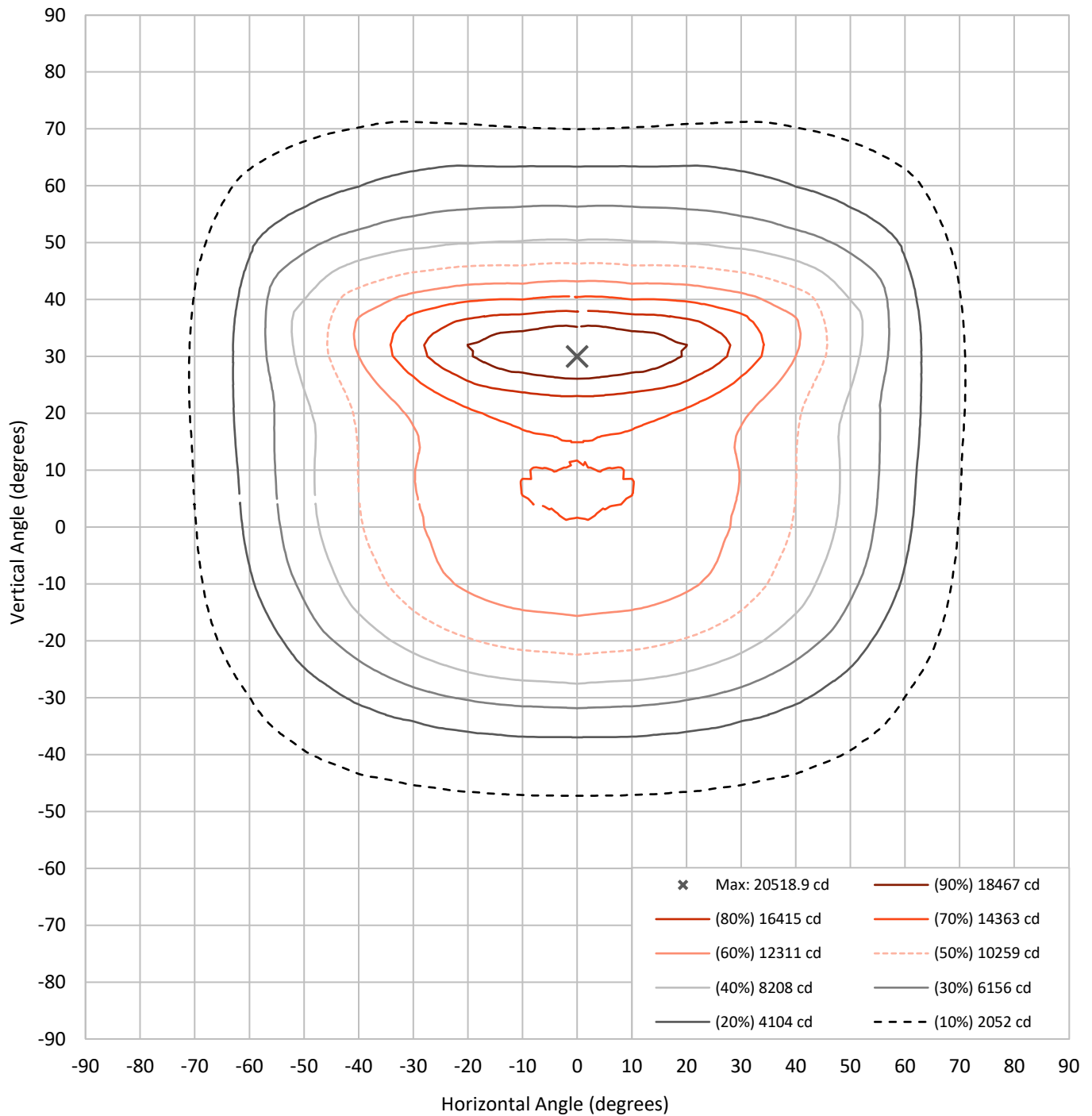
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34251.3 lumens	Max Intensity:	20518.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	73.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19917.5 lumens	Field Lumens:	32097.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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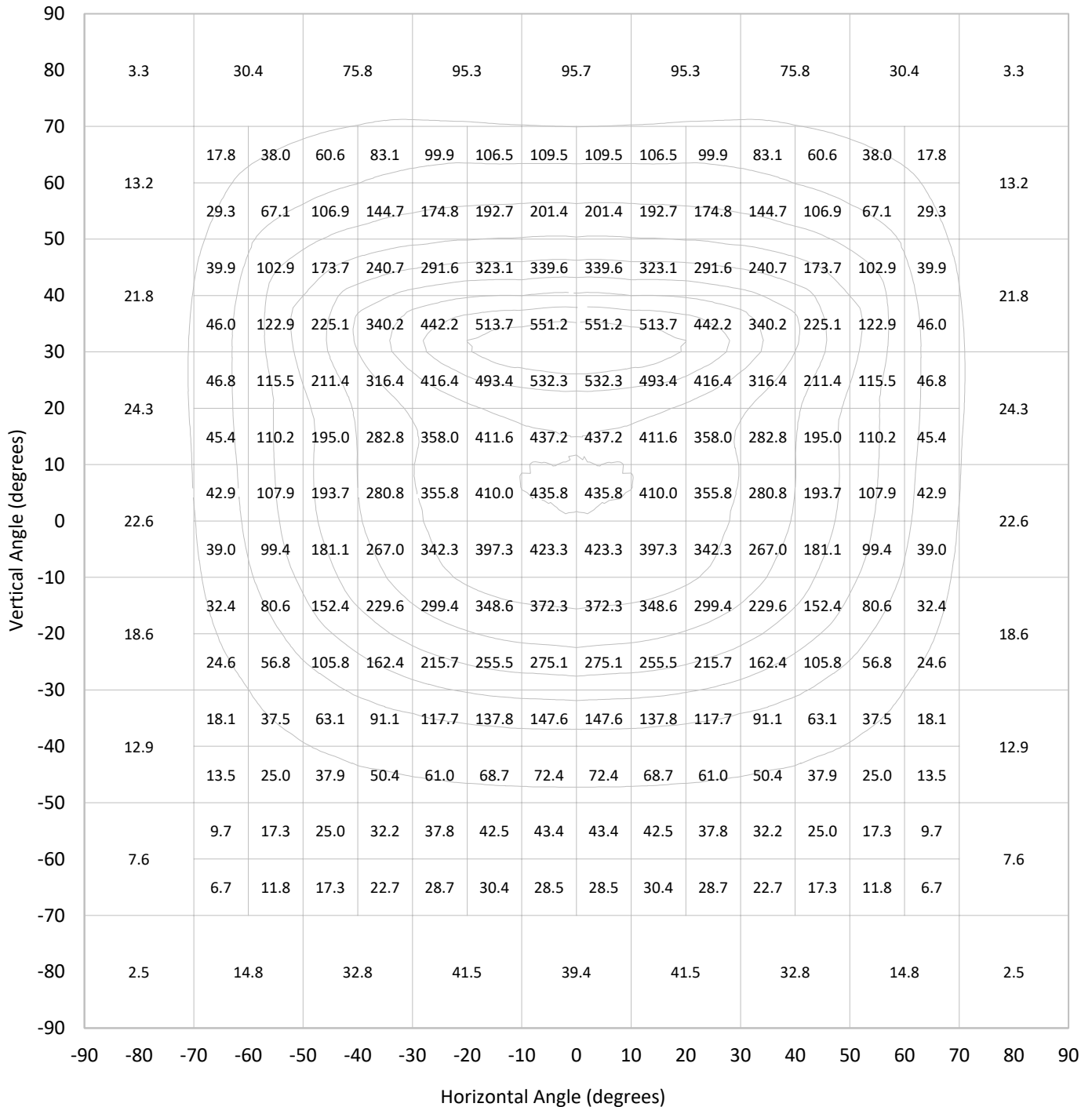
Iso-Candela Plot





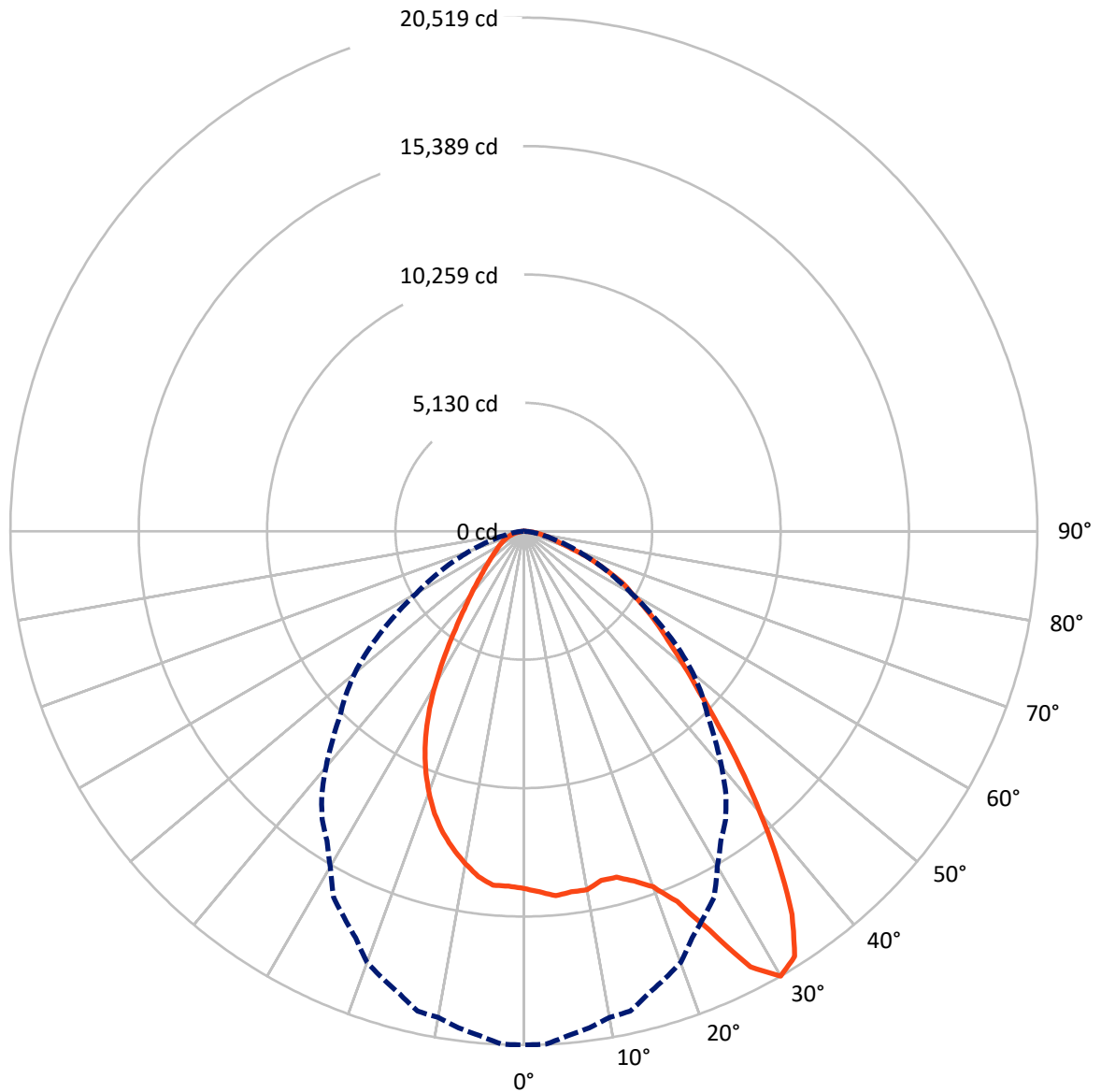
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Lumen Table



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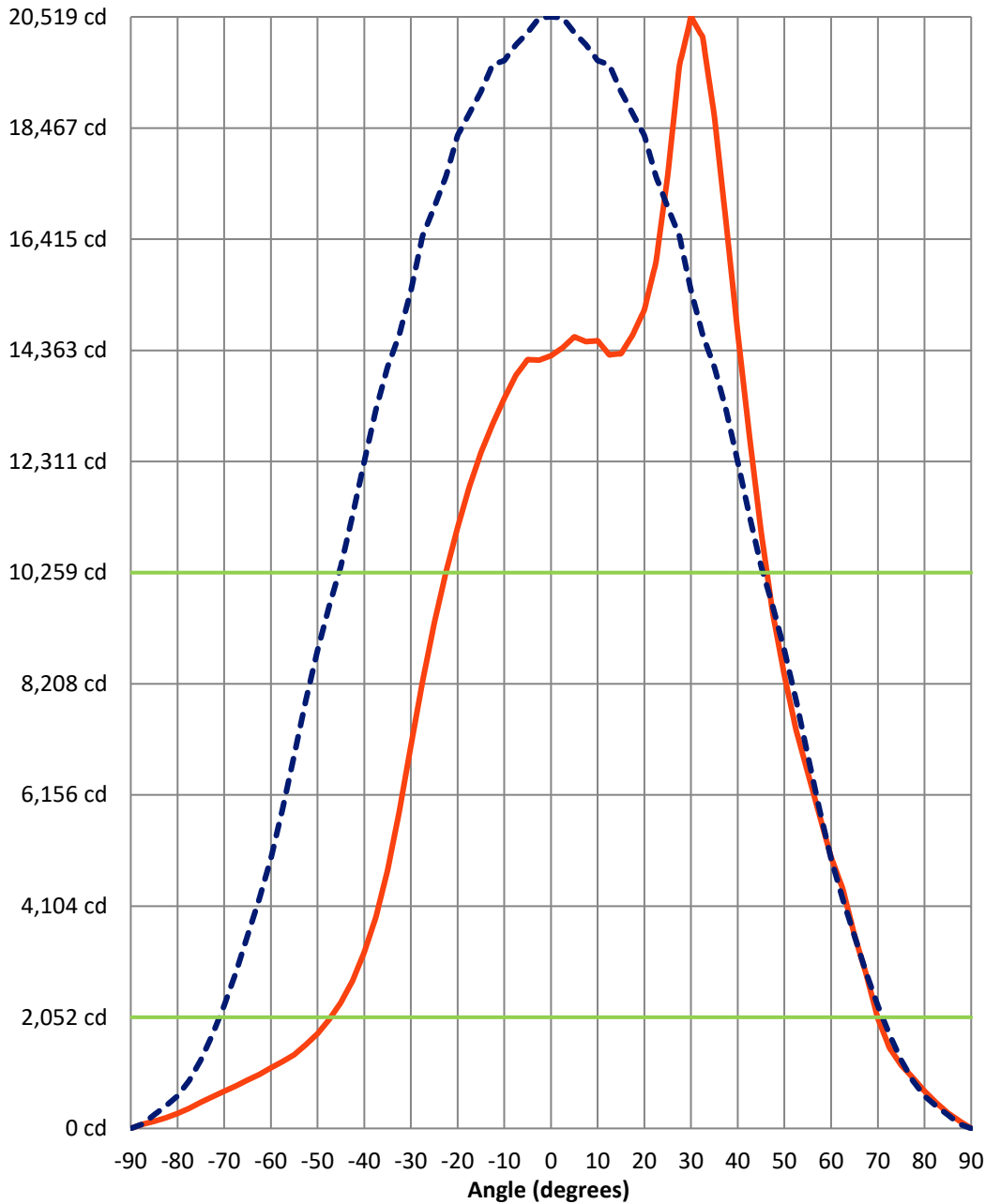
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 19917.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 32097.9
 Efficiency: 93.7%

Spill:
 Lumens: 2153.4
 Efficiency: 6.3%

— 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°	137.9	141.5	145.1	145.1	141.5	141.5	141.5	137.9	141.5	141.5	141.5
85°	286.6	293.9	301.2	297.5	293.9	286.6	279.4	283.0	286.6	290.3	290.3
82.5°	475.3	486.2	493.5	489.8	482.6	475.3	468.1	471.7	479.0	482.6	482.6
80°	689.4	693.0	696.7	703.9	693.0	693.0	689.4	703.9	711.2	718.4	725.7
77.5°	936.1	939.8	939.8	943.4	947.0	950.7	950.7	976.1	994.2	1005.1	1016.0
75°	1168.4	1179.2	1190.1	1201.0	1215.5	1222.8	1233.7	1270.0	1299.0	1320.8	1342.5
72.5°	1487.7	1502.2	1520.3	1545.7	1571.1	1589.3	1614.7	1658.2	1690.9	1712.6	1738.0
70°	2035.6	2050.1	2068.2	2086.4	2111.8	2129.9	2155.3	2209.7	2242.4	2256.9	2271.4
67.5°	2848.3	2884.6	2917.3	2881.0	2862.9	2837.5	2844.7	2895.5	2928.2	2949.9	2946.3
65°	3570.4	3595.8	3595.8	3592.2	3577.7	3545.0	3563.1	3624.8	3661.1	3679.3	3624.8
62.5°	4419.5	4419.5	4401.3	4430.3	4434.0	4412.2	4401.3	4404.9	4408.6	4419.5	4328.8
60°	5007.3	5043.6	5054.4	5079.8	5087.1	5087.1	5105.2	5119.8	5119.8	5098.0	4992.8
57.5°	5783.8	5852.7	5867.2	5849.1	5812.8	5765.6	5758.4	5736.6	5693.1	5649.5	5598.7
55°	6567.5	6603.8	6600.2	6589.3	6553.0	6498.6	6505.8	6476.8	6407.9	6353.4	6284.5
52.5°	7354.9	7442.0	7456.5	7434.7	7383.9	7325.9	7329.5	7296.8	7227.9	7169.8	7075.5
50°	8360.0	8432.5	8425.3	8389.0	8316.4	8272.9	8276.5	8214.8	8135.0	8116.9	7993.5
47.5°	9510.2	9593.6	9579.1	9528.3	9430.4	9412.2	9430.4	9350.5	9303.4	9263.5	9118.3
45°	11019.6	11117.6	11063.2	10965.2	10809.2	10827.3	10852.7	10838.2	10736.6	10631.4	10446.3
42.5°	12790.3	12852.0	12786.7	12688.7	12492.8	12529.1	12514.6	12427.5	12365.8	12191.6	11955.8
40°	14684.4	14818.6	14717.0	14564.6	14361.4	14415.9	14376.0	14263.5	14118.3	13900.6	13603.1
37.5°	16727.2	16832.4	16716.3	16538.5	16357.1	16339.0	16259.1	16085.0	15878.1	15638.7	15163.3
35°	18682.9	18955.1	18741.0	18458.0	18236.6	18153.2	18077.0	17674.2	17438.4	17050.1	16400.6
32.5°	20137.9	20337.5	20072.6	19778.7	19510.2	19394.1	19125.6	18646.7	18519.7	17703.3	17108.2
30°	20518.9	20504.4	20228.7	20003.7	19713.4	19633.6	19140.1	18733.7	18327.3	17572.6	17006.6
27.5°	19611.8	19521.1	19256.2	19060.3	18773.6	18679.3	18193.1	17975.4	17347.7	16709.1	16230.1
25°	17590.8	17637.9	17438.4	17340.4	17151.7	16948.5	16756.2	16462.3	16070.4	15511.7	15072.6
22.5°	15997.9	16059.6	15976.1	15860.0	15714.9	15602.4	15457.2	15228.6	14851.3	14506.6	14092.9
20°	15112.5	15094.4	15021.8	14934.7	14796.9	14717.0	14557.4	14365.1	14074.8	13777.3	13331.0
17.5°	14648.1	14535.6	14466.7	14434.0	14361.4	14259.8	14071.2	13875.2	13650.3	13312.8	12986.3
15°	14303.4	14321.5	14267.1	14241.7	14183.6	14042.1	13849.8	13690.2	13385.4	13214.8	12917.3
12.5°	14281.6	14263.5	14267.1	14256.2	14183.6	14002.2	13904.3	13701.1	13505.1	13280.2	12939.1
10°	14539.2	14346.9	14361.4	14412.2	14296.1	14151.0	14045.8	13824.4	13639.4	13352.7	13015.3
7.5°	14524.7	14426.8	14455.8	14372.3	14408.6	14230.8	14085.7	13864.3	13632.1	13327.3	13022.5
5°	14611.8	14463.0	14437.6	14444.9	14354.2	14219.9	14024.0	13813.5	13595.8	13254.8	12942.7
2.5°	14412.2	14434.0	14317.9	14274.4	14263.5	14038.5	13857.1	13653.9	13428.9	13127.8	12848.4
0°	14263.5	14303.4	14183.6	14122.0	14118.3	13926.0	13809.9	13577.7	13418.0	13167.7	12830.2
-2.5°	14183.6	14230.8	14245.3	14132.8	14024.0	13875.2	13679.3	13428.9	13167.7	12877.4	12587.1
-5°	14190.9	14096.6	14056.7	14092.9	13998.6	13849.8	13632.1	13410.8	13153.2	12841.1	12478.3
-7.5°	13904.3	13809.9	13802.7	13784.5	13762.7	13621.2	13439.8	13200.3	12939.1	12648.8	12311.4
-10°	13476.1	13407.2	13389.0	13370.9	13312.8	13229.4	13058.8	12841.1	12605.3	12315.0	11955.8
-12.5°	13000.8	12968.1	12899.2	12852.0	12793.9	12696.0	12532.7	12333.1	12097.3	11839.7	11531.2
-15°	12474.6	12413.0	12344.0	12304.1	12220.7	12104.5	11941.3	11756.2	11498.6	11244.6	10954.3
-17.5°	11839.7	11763.5	11687.3	11676.4	11618.3	11440.5	11288.1	11063.2	10838.2	10595.1	10312.1
-20°	11092.2	10987.0	10936.2	10907.1	10827.3	10696.7	10533.4	10326.6	10108.9	9876.7	9550.1



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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°	10264.9	10174.2	10087.1	10032.7	9963.7	9862.2	9706.1	9524.7	9310.6	9049.4	8748.2
-25°	9325.1	9198.1	9143.7	9082.0	9045.7	8951.4	8799.0	8632.1	8410.8	8156.8	7870.1
-27.5°	8251.1	8149.5	8120.5	8033.4	7989.9	7891.9	7764.9	7608.9	7405.7	7166.2	6930.4
-30°	7064.6	7002.9	6955.8	6868.7	6836.0	6730.8	6647.3	6516.7	6331.7	6161.1	5972.4
-32.5°	5845.4	5783.8	5769.3	5729.3	5707.6	5638.6	5544.3	5449.9	5301.2	5174.2	5021.8
-35°	4764.2	4720.6	4724.3	4720.6	4698.9	4648.1	4531.9	4506.5	4397.7	4281.6	4183.6
-37.5°	3900.6	3904.2	3900.6	3897.0	3867.9	3846.2	3762.7	3730.1	3664.7	3552.3	3494.2
-40°	3251.1	3258.4	3254.7	3247.5	3214.8	3203.9	3149.5	3106.0	3080.6	3000.7	2939.1
-42.5°	2725.0	2735.9	2732.2	2728.6	2706.8	2703.2	2674.2	2623.4	2608.9	2561.7	2496.4
-45°	2325.8	2322.2	2315.0	2322.2	2311.3	2300.4	2282.3	2249.6	2231.5	2209.7	2155.3
-47.5°	2010.2	2013.8	2006.5	2006.5	1992.0	1981.1	1973.9	1952.1	1937.6	1919.5	1886.8
-50°	1748.9	1763.4	1759.8	1756.2	1745.3	1738.0	1738.0	1716.3	1694.5	1687.2	1665.5
-52.5°	1545.7	1556.6	1560.2	1567.5	1571.1	1574.8	1563.9	1542.1	1505.8	1502.2	1491.3
-55°	1360.7	1393.3	1415.1	1429.6	1444.1	1455.0	1433.2	1404.2	1367.9	1353.4	1349.8
-57.5°	1233.7	1266.3	1291.7	1313.5	1331.6	1349.8	1328.0	1299.0	1266.3	1248.2	1244.6
-60°	1117.6	1146.6	1172.0	1201.0	1226.4	1255.4	1244.6	1222.8	1204.6	1190.1	1175.6
-62.5°	994.2	1023.2	1052.3	1088.5	1121.2	1150.2	1153.9	1150.2	1146.6	1150.2	1124.8
-65°	892.6	907.1	925.3	965.2	1001.5	1034.1	1052.3	1063.1	1081.3	1099.4	1074.0
-67.5°	783.7	801.9	823.7	852.7	881.7	903.5	928.9	957.9	986.9	1016.0	997.8
-70°	685.8	700.3	718.4	732.9	751.1	765.6	787.4	820.0	852.7	881.7	874.5
-72.5°	584.2	598.7	609.6	616.8	627.7	635.0	645.9	674.9	696.7	711.2	711.2
-75°	482.6	497.1	508.0	511.6	518.9	522.5	529.8	540.6	551.5	555.2	558.8
-77.5°	370.1	384.6	395.5	402.8	410.0	417.3	420.9	428.2	431.8	431.8	435.4
-80°	275.8	286.6	293.9	304.8	308.4	315.7	322.9	326.6	330.2	330.2	333.8
-82.5°	195.9	203.2	210.5	217.7	225.0	228.6	235.8	239.5	243.1	246.7	250.4
-85°	130.6	137.9	145.1	152.4	156.0	159.7	163.3	166.9	170.5	174.2	177.8
-87.5°	76.2	79.8	83.5	90.7	94.3	101.6	105.2	101.6	105.2	105.2	105.2
-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°	141.5	141.5	141.5	141.5	137.9	130.6	127.0	119.7	112.5	105.2	98.0
85°	293.9	297.5	297.5	297.5	290.3	286.6	275.8	264.9	250.4	228.6	210.5
82.5°	489.8	493.5	493.5	489.8	482.6	471.7	457.2	439.0	410.0	381.0	355.6
80°	736.6	740.2	740.2	736.6	718.4	700.3	682.2	660.4	624.1	584.2	540.6
77.5°	1030.5	1037.7	1037.7	1026.9	1001.5	979.7	950.7	914.4	859.9	801.9	743.8
75°	1371.6	1389.7	1393.3	1382.4	1349.8	1309.9	1262.7	1201.0	1117.6	1045.0	976.1
72.5°	1767.1	1785.2	1799.7	1785.2	1738.0	1683.6	1614.7	1542.1	1458.6	1360.7	1244.6
70°	2285.9	2304.1	2315.0	2267.8	2184.3	2093.6	2010.2	1926.7	1828.7	1709.0	1582.0
67.5°	2939.1	2920.9	2899.1	2804.8	2699.6	2590.7	2474.6	2351.2	2224.2	2097.2	1948.5
65°	3566.8	3516.0	3468.8	3356.3	3222.1	3080.6	2946.3	2808.4	2656.0	2496.4	2354.9
62.5°	4227.2	4118.3	4002.2	3864.3	3726.4	3570.4	3436.2	3272.9	3102.3	2906.4	2725.0
60°	4876.6	4746.0	4629.9	4459.4	4278.0	4067.5	3922.4	3762.7	3563.1	3352.7	3138.6
57.5°	5504.4	5362.9	5235.9	5087.1	4891.2	4662.6	4502.9	4296.1	4085.6	3820.8	3603.1
55°	6172.0	6030.5	5928.9	5762.0	5547.9	5337.5	5163.3	4945.6	4651.7	4368.7	4100.2
52.5°	6937.6	6825.1	6716.3	6545.7	6288.1	6074.0	5881.7	5638.6	5330.2	4981.9	4658.9
50°	7793.9	7735.9	7619.8	7420.2	7126.3	6937.6	6683.6	6360.7	6030.5	5664.0	5261.3
47.5°	8929.6	8835.3	8672.0	8454.3	8207.6	7924.6	7583.5	7206.1	6738.0	6331.7	5903.5
45°	10286.7	10112.5	9902.1	9608.2	9303.4	8984.1	8610.3	8131.4	7503.7	6973.9	6524.0
42.5°	11756.2	11520.4	11233.7	10849.1	10453.6	10061.7	9659.0	9005.8	8222.1	7612.5	7104.5
40°	13291.0	12989.9	12630.7	12071.9	11632.8	11128.5	10667.7	9691.6	8857.1	8196.7	7656.0
37.5°	14793.2	14412.2	13809.9	13131.4	12619.8	12206.1	11193.8	10148.8	9401.3	8675.6	8127.7
35°	15943.5	15620.5	14557.4	13853.5	13414.4	12761.3	11495.0	10424.6	9633.6	9031.2	8178.5
32.5°	16625.6	15791.1	14858.5	14147.4	13784.5	12714.1	11516.7	10504.4	9742.4	9067.5	8047.9
30°	16473.2	15464.5	14648.1	14053.0	13265.6	12304.1	11313.5	10381.0	9640.8	8824.4	7902.8
27.5°	15555.2	14775.1	14045.8	13425.3	12652.4	11788.9	10874.5	10054.5	9365.1	8574.0	7703.2
25°	14517.5	13809.9	13269.3	12728.6	11995.7	11172.0	10366.5	9775.1	9082.0	8301.9	7442.0
22.5°	13563.2	13055.2	12630.7	12064.6	11349.8	10631.4	10130.7	9517.4	8806.3	8015.3	7173.5
20°	12953.6	12608.9	12122.7	11498.6	10936.2	10486.2	9931.1	9281.6	8548.7	7721.4	6944.9
17.5°	12659.7	12260.6	11719.9	11313.5	10881.7	10388.3	9767.8	9078.4	8298.3	7587.1	6970.3
15°	12507.3	12086.4	11730.8	11331.7	10845.5	10326.6	9637.2	8922.4	8298.3	7641.5	6988.4
12.5°	12540.0	12177.1	11788.9	11353.4	10831.0	10275.8	9651.7	8987.7	8341.8	7681.4	6992.0
10°	12641.6	12260.6	11846.9	11364.3	10838.2	10290.3	9691.6	9027.6	8363.6	7699.6	6984.8
7.5°	12677.8	12264.2	11821.5	11335.3	10820.1	10283.1	9698.9	9038.5	8367.2	7696.0	6963.0
5°	12565.4	12191.6	11763.5	11273.6	10769.3	10246.8	9669.8	9024.0	8338.2	7659.7	6908.6
2.5°	12413.0	12111.8	11701.8	11230.1	10718.5	10196.0	9622.7	8958.7	8272.9	7594.4	6839.6
0°	12387.6	12013.8	11600.2	11179.3	10635.0	10083.5	9513.8	8835.3	8153.1	7471.0	6719.9
-2.5°	12220.7	11825.1	11411.5	10954.3	10475.4	9920.2	9321.5	8657.5	7982.6	7311.3	6589.3
-5°	12093.7	11654.6	11215.6	10722.1	10239.5	9684.4	9063.9	8418.0	7757.6	7104.5	6407.9
-7.5°	11923.1	11473.2	11012.4	10497.1	9974.6	9408.6	8795.4	8149.5	7500.0	6850.5	6182.9
-10°	11578.4	11182.9	10751.1	10217.7	9666.2	9100.2	8490.6	7855.6	7206.1	6549.4	5878.1
-12.5°	11161.1	10743.9	10272.2	9782.3	9288.9	8762.7	8153.1	7529.1	6875.9	6215.6	5547.9
-15°	10620.5	10210.5	9727.9	9248.9	8773.6	8269.3	7732.2	7169.8	6505.8	5856.3	5188.7
-17.5°	9945.6	9561.0	9129.2	8672.0	8200.3	7692.3	7169.8	6694.5	6074.0	5464.5	4804.1
-20°	9219.9	8860.7	8472.5	8040.7	7569.0	7071.9	6578.4	6081.3	5544.3	5007.3	4394.1



REPORT NUMBER: P722234

CATALOG NUMBER: IFLD-S-SA6E-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8465.2	8102.3	7710.5	7307.7	6872.3	6411.5	5954.3	5479.0	5007.3	4521.1	4002.2
-25°	7594.4	7275.1	6915.8	6524.0	6135.7	5733.0	5297.6	4865.8	4463.0	4042.1	3617.6
-27.5°	6683.6	6389.7	6063.2	5722.1	5388.3	5050.8	4673.5	4274.3	3940.5	3592.2	3240.2
-30°	5725.7	5489.9	5225.0	4927.4	4669.8	4397.7	4082.0	3751.8	3447.0	3182.2	2899.1
-32.5°	4818.6	4619.0	4430.3	4234.4	3980.4	3770.0	3552.3	3309.2	3040.6	2790.3	2587.1
-35°	4038.5	3824.4	3744.6	3599.4	3418.0	3233.0	3073.3	2899.1	2695.9	2474.6	2307.7
-37.5°	3381.7	3254.7	3142.2	3062.4	2942.7	2793.9	2666.9	2539.9	2383.9	2217.0	2050.1
-40°	2870.1	2783.0	2659.7	2619.7	2543.6	2442.0	2311.3	2213.4	2108.1	1981.1	1839.6
-42.5°	2460.1	2394.8	2315.0	2246.0	2213.4	2140.8	2039.2	1944.9	1861.4	1774.3	1665.5
-45°	2122.6	2079.1	2028.3	1966.6	1941.2	1883.2	1810.6	1705.4	1658.2	1585.6	1505.8
-47.5°	1850.5	1828.7	1792.5	1752.5	1716.3	1672.7	1607.4	1542.1	1476.8	1429.6	1367.9
-50°	1636.4	1621.9	1600.2	1567.5	1520.3	1491.3	1447.8	1389.7	1328.0	1288.1	1244.6
-52.5°	1465.9	1451.4	1436.9	1411.5	1375.2	1346.2	1309.9	1262.7	1211.9	1172.0	1135.7
-55°	1335.3	1313.5	1302.6	1280.8	1251.8	1219.2	1186.5	1153.9	1110.3	1074.0	1037.7
-57.5°	1233.7	1204.6	1190.1	1172.0	1143.0	1110.3	1084.9	1052.3	1023.2	983.3	950.7
-60°	1153.9	1121.2	1092.2	1074.0	1048.6	1016.0	990.6	965.2	936.1	903.5	863.6
-62.5°	1088.5	1048.6	1008.7	986.9	961.5	932.5	907.1	881.7	852.7	820.0	783.7
-65°	1026.9	979.7	928.9	907.1	881.7	852.7	820.0	801.9	776.5	747.5	711.2
-67.5°	950.7	899.9	856.3	830.9	805.5	780.1	751.1	732.9	707.5	671.3	635.0
-70°	838.2	805.5	776.5	754.7	732.9	711.2	682.2	653.1	624.1	591.4	558.8
-72.5°	696.7	685.8	682.2	671.3	645.9	620.5	591.4	562.4	537.0	511.6	486.2
-75°	562.4	569.7	576.9	573.3	547.9	522.5	497.1	471.7	453.6	431.8	410.0
-77.5°	446.3	453.6	460.8	460.8	442.7	428.2	410.0	391.9	377.4	359.2	337.4
-80°	344.7	355.6	366.5	373.7	359.2	348.3	333.8	319.3	304.8	290.3	275.8
-82.5°	261.2	272.1	283.0	290.3	279.4	272.1	261.2	250.4	239.5	225.0	214.1
-85°	188.7	195.9	203.2	206.8	199.6	192.3	185.1	177.8	170.5	159.7	152.4
-87.5°	108.9	112.5	116.1	119.7	112.5	105.2	101.6	94.3	90.7	83.5	79.8
-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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 CATALOG NUMBER: IFLD-S-SA6E-927-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°	90.7	83.5	76.2	72.6	65.3	54.4	47.2	39.9	32.7	25.4	21.8
85°	192.3	174.2	152.4	141.5	127.0	112.5	98.0	83.5	68.9	54.4	39.9
82.5°	330.2	308.4	286.6	261.2	228.6	188.7	148.8	123.4	101.6	79.8	61.7
80°	497.1	457.2	420.9	388.2	352.0	301.2	246.7	195.9	137.9	105.2	79.8
77.5°	689.4	642.2	591.4	537.0	479.0	410.0	348.3	283.0	214.1	145.1	101.6
75°	907.1	845.4	776.5	700.3	624.1	533.4	446.3	370.1	290.3	203.2	123.4
72.5°	1150.2	1074.0	990.6	889.0	769.2	664.0	558.8	457.2	362.8	257.6	166.9
70°	1462.3	1342.5	1219.2	1110.3	957.9	791.0	667.6	551.5	431.8	315.7	210.5
67.5°	1796.1	1650.9	1502.2	1342.5	1150.2	954.3	776.5	645.9	504.4	370.1	250.4
65°	2158.9	1977.5	1788.8	1611.0	1346.2	1113.9	914.4	736.6	573.3	420.9	290.3
62.5°	2532.7	2318.6	2100.9	1868.7	1563.9	1277.2	1045.0	838.2	638.6	468.1	326.6
60°	2931.8	2681.4	2416.6	2126.3	1770.7	1455.0	1168.4	943.4	707.5	515.2	366.5
57.5°	3352.7	3080.6	2768.5	2376.6	1984.8	1625.5	1309.9	1037.7	769.2	558.8	395.5
55°	3809.9	3497.8	3156.8	2637.9	2195.2	1796.1	1451.4	1132.1	834.5	595.1	424.5
52.5°	4303.4	3940.5	3508.7	2913.7	2416.6	1970.3	1582.0	1215.5	896.2	635.0	449.9
50°	4854.9	4397.7	3817.1	3167.6	2608.9	2133.5	1712.6	1306.2	947.0	678.5	471.7
47.5°	5428.2	4934.7	4092.9	3403.5	2804.8	2293.2	1846.9	1386.1	997.8	714.8	493.5
45°	6026.9	5308.4	4379.6	3613.9	2975.3	2438.3	1948.5	1458.6	1059.5	747.5	511.6
42.5°	6618.3	5591.5	4629.9	3824.4	3135.0	2568.9	2031.9	1527.6	1110.3	780.1	529.8
40°	6897.7	5805.5	4829.5	3969.5	3269.2	2685.1	2104.5	1589.3	1153.9	801.9	547.9
37.5°	7013.8	5936.2	4960.1	4107.4	3374.5	2746.7	2166.2	1643.7	1190.1	823.7	562.4
35°	7039.2	5983.3	5025.4	4201.8	3461.6	2804.8	2213.4	1683.6	1219.2	845.4	576.9
32.5°	6992.0	5968.8	5043.6	4234.4	3516.0	2848.3	2246.0	1712.6	1240.9	867.2	591.4
30°	6886.8	5892.6	4978.2	4230.8	3555.9	2873.7	2267.8	1734.4	1262.7	881.7	598.7
27.5°	6716.3	5758.4	4894.8	4234.4	3577.7	2884.6	2278.7	1745.3	1277.2	892.6	613.2
25°	6505.8	5576.9	4898.4	4227.2	3581.3	2888.3	2278.7	1745.3	1280.8	896.2	624.1
22.5°	6262.7	5576.9	4898.4	4216.3	3559.5	2881.0	2267.8	1738.0	1280.8	903.5	635.0
20°	6277.2	5580.6	4887.5	4194.5	3526.9	2859.2	2242.4	1719.9	1270.0	914.4	642.2
17.5°	6288.1	5573.3	4865.8	4165.5	3483.3	2822.9	2209.7	1694.5	1270.0	925.3	645.9
15°	6288.1	5551.5	4833.1	4121.9	3428.9	2772.1	2162.6	1672.7	1273.6	928.9	653.1
12.5°	6277.2	5511.6	4782.3	4063.9	3363.6	2710.5	2133.5	1665.5	1273.6	932.5	653.1
10°	6255.5	5457.2	4717.0	3991.3	3301.9	2688.7	2119.0	1650.9	1266.3	932.5	653.1
7.5°	6215.6	5391.9	4662.6	3947.8	3265.6	2663.3	2097.2	1629.2	1255.4	925.3	660.4
5°	6153.9	5355.6	4619.0	3897.0	3214.8	2645.1	2082.7	1611.0	1248.2	925.3	653.1
2.5°	6074.0	5312.1	4568.2	3831.7	3156.8	2583.5	2035.6	1571.1	1222.8	910.7	645.9
0°	5943.4	5225.0	4481.1	3740.9	3076.9	2521.8	1988.4	1531.2	1197.4	896.2	638.6
-2.5°	5823.7	5108.9	4368.7	3646.6	3000.7	2467.4	1952.1	1509.4	1186.5	892.6	635.0
-5°	5656.8	4949.2	4219.9	3523.2	2899.1	2412.9	1915.8	1484.0	1175.6	885.3	635.0
-7.5°	5471.7	4782.3	4063.9	3396.2	2797.5	2318.6	1846.9	1444.1	1150.2	870.8	631.4
-10°	5185.1	4531.9	3867.9	3251.1	2688.7	2235.1	1788.8	1407.8	1128.5	856.3	616.8
-12.5°	4880.3	4256.2	3643.0	3073.3	2565.3	2148.0	1723.5	1367.9	1103.1	841.8	609.6
-15°	4557.3	3973.2	3407.1	2888.3	2431.1	2042.8	1654.6	1324.4	1077.7	823.7	598.7
-17.5°	4219.9	3675.6	3164.0	2699.6	2296.8	1934.0	1582.0	1284.5	1048.6	805.5	587.8
-20°	3864.3	3370.8	2917.3	2507.3	2155.3	1825.1	1505.8	1237.3	1016.0	783.7	573.3



REPORT NUMBER: P722234

CATALOG NUMBER: IFLD-S-SA6E-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3512.3	3069.7	2663.3	2318.6	2010.2	1712.6	1429.6	1190.1	979.7	758.3	562.4
-25°	3200.3	2786.7	2438.3	2137.2	1868.7	1603.8	1349.8	1143.0	939.8	732.9	547.9
-27.5°	2895.5	2543.6	2217.0	1966.6	1730.8	1498.6	1273.6	1092.2	899.9	703.9	533.4
-30°	2612.5	2311.3	2042.8	1799.7	1600.2	1404.2	1208.3	1041.4	856.3	674.9	515.2
-32.5°	2354.9	2111.8	1886.8	1654.6	1476.8	1309.9	1146.6	990.6	812.8	645.9	497.1
-35°	2115.4	1926.7	1730.8	1534.8	1353.4	1222.8	1081.3	936.1	772.9	613.2	479.0
-37.5°	1901.3	1748.9	1592.9	1426.0	1270.0	1139.3	1019.6	881.7	732.9	584.2	460.8
-40°	1716.3	1592.9	1455.0	1320.8	1190.1	1066.8	957.9	827.3	693.0	562.4	442.7
-42.5°	1545.7	1451.4	1338.9	1226.4	1110.3	1001.5	896.2	769.2	653.1	537.0	424.5
-45°	1415.1	1320.8	1230.0	1128.5	1030.5	936.1	830.9	718.4	616.8	508.0	406.4
-47.5°	1291.7	1208.3	1124.8	1041.4	961.5	874.5	769.2	674.9	576.9	482.6	391.9
-50°	1182.9	1103.1	1030.5	957.9	889.0	805.5	707.5	631.4	544.3	457.2	373.7
-52.5°	1081.3	1012.3	939.8	881.7	823.7	740.2	660.4	587.8	511.6	428.2	355.6
-55°	990.6	925.3	859.9	805.5	751.1	678.5	613.2	551.5	479.0	406.4	337.4
-57.5°	903.5	849.1	787.4	736.6	682.2	624.1	569.7	511.6	446.3	384.6	319.3
-60°	823.7	772.9	718.4	667.6	620.5	573.3	522.5	475.3	417.3	359.2	301.2
-62.5°	743.8	700.3	653.1	602.3	566.0	522.5	482.6	435.4	388.2	337.4	268.5
-65°	671.3	631.4	587.8	544.3	511.6	479.0	442.7	399.1	359.2	312.0	239.5
-67.5°	598.7	562.4	526.1	489.8	460.8	435.4	399.1	366.5	333.8	283.0	210.5
-70°	529.8	500.7	468.1	439.0	417.3	388.2	362.8	333.8	304.8	246.7	177.8
-72.5°	464.4	435.4	410.0	388.2	370.1	344.7	322.9	301.2	261.2	206.8	148.8
-75°	388.2	370.1	355.6	337.4	319.3	301.2	283.0	257.6	217.7	166.9	116.1
-77.5°	319.3	308.4	297.5	283.0	268.5	254.0	232.2	206.8	174.2	130.6	94.3
-80°	261.2	250.4	243.1	228.6	217.7	203.2	181.4	159.7	127.0	101.6	76.2
-82.5°	199.6	192.3	185.1	177.8	166.9	152.4	130.6	112.5	94.3	76.2	58.1
-85°	141.5	137.9	130.6	123.4	112.5	101.6	87.1	76.2	65.3	50.8	39.9
-87.5°	72.6	68.9	65.3	61.7	58.1	50.8	43.5	36.3	32.7	25.4	18.1
-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: P722234

CATALOG NUMBER: IFLD-S-SA6E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.5	10.9	3.6	0.0
85°	29.0	18.1	7.3	0.0
82.5°	43.5	29.0	10.9	0.0
80°	58.1	36.3	18.1	0.0
77.5°	72.6	43.5	21.8	0.0
75°	87.1	54.4	25.4	0.0
72.5°	98.0	61.7	29.0	0.0
70°	116.1	72.6	32.7	0.0
67.5°	145.1	79.8	36.3	0.0
65°	170.5	87.1	39.9	0.0
62.5°	199.6	94.3	43.5	0.0
60°	225.0	101.6	47.2	0.0
57.5°	250.4	119.7	50.8	0.0
55°	272.1	134.3	54.4	0.0
52.5°	297.5	148.8	58.1	0.0
50°	319.3	163.3	61.7	0.0
47.5°	337.4	177.8	61.7	0.0
45°	352.0	188.7	65.3	0.0
42.5°	362.8	199.6	68.9	0.0
40°	373.7	210.5	72.6	0.0
37.5°	384.6	221.3	72.6	0.0
35°	395.5	232.2	76.2	0.0
32.5°	406.4	243.1	76.2	0.0
30°	413.6	250.4	79.8	0.0
27.5°	424.5	257.6	79.8	0.0
25°	428.2	264.9	83.5	0.0
22.5°	435.4	268.5	83.5	0.0
20°	442.7	275.8	83.5	0.0
17.5°	446.3	279.4	87.1	0.0
15°	446.3	283.0	90.7	0.0
12.5°	449.9	286.6	90.7	0.0
10°	449.9	293.9	87.1	0.0
7.5°	457.2	290.3	87.1	0.0
5°	453.6	290.3	87.1	0.0
2.5°	449.9	286.6	87.1	0.0
0°	446.3	286.6	87.1	0.0
-2.5°	446.3	286.6	87.1	0.0
-5°	446.3	286.6	87.1	0.0
-7.5°	442.7	290.3	87.1	0.0
-10°	435.4	290.3	87.1	0.0
-12.5°	431.8	279.4	87.1	0.0
-15°	428.2	275.8	87.1	0.0
-17.5°	420.9	272.1	83.5	0.0
-20°	413.6	268.5	83.5	0.0



REPORT NUMBER: P722234

CATALOG NUMBER: IFLD-S-SA6E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	406.4	261.2	83.5	0.0
-25°	399.1	254.0	79.8	0.0
-27.5°	391.9	246.7	79.8	0.0
-30°	381.0	239.5	76.2	0.0
-32.5°	370.1	232.2	76.2	0.0
-35°	362.8	221.3	72.6	0.0
-37.5°	352.0	210.5	72.6	0.0
-40°	341.1	199.6	68.9	0.0
-42.5°	330.2	188.7	65.3	0.0
-45°	315.7	177.8	65.3	0.0
-47.5°	304.8	166.9	61.7	0.0
-50°	286.6	152.4	58.1	0.0
-52.5°	264.9	137.9	54.4	0.0
-55°	243.1	127.0	50.8	0.0
-57.5°	221.3	112.5	50.8	0.0
-60°	199.6	98.0	47.2	0.0
-62.5°	177.8	90.7	43.5	0.0
-65°	156.0	83.5	39.9	0.0
-67.5°	130.6	72.6	36.3	0.0
-70°	108.9	65.3	32.7	0.0
-72.5°	94.3	58.1	29.0	0.0
-75°	79.8	50.8	25.4	0.0
-77.5°	68.9	43.5	21.8	0.0
-80°	54.4	32.7	14.5	0.0
-82.5°	39.9	25.4	10.9	0.0
-85°	25.4	18.1	7.3	0.0
-87.5°	14.5	7.3	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)