

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: P722349

Luminaire Tested: **IFLD-S-SA6D-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722349
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

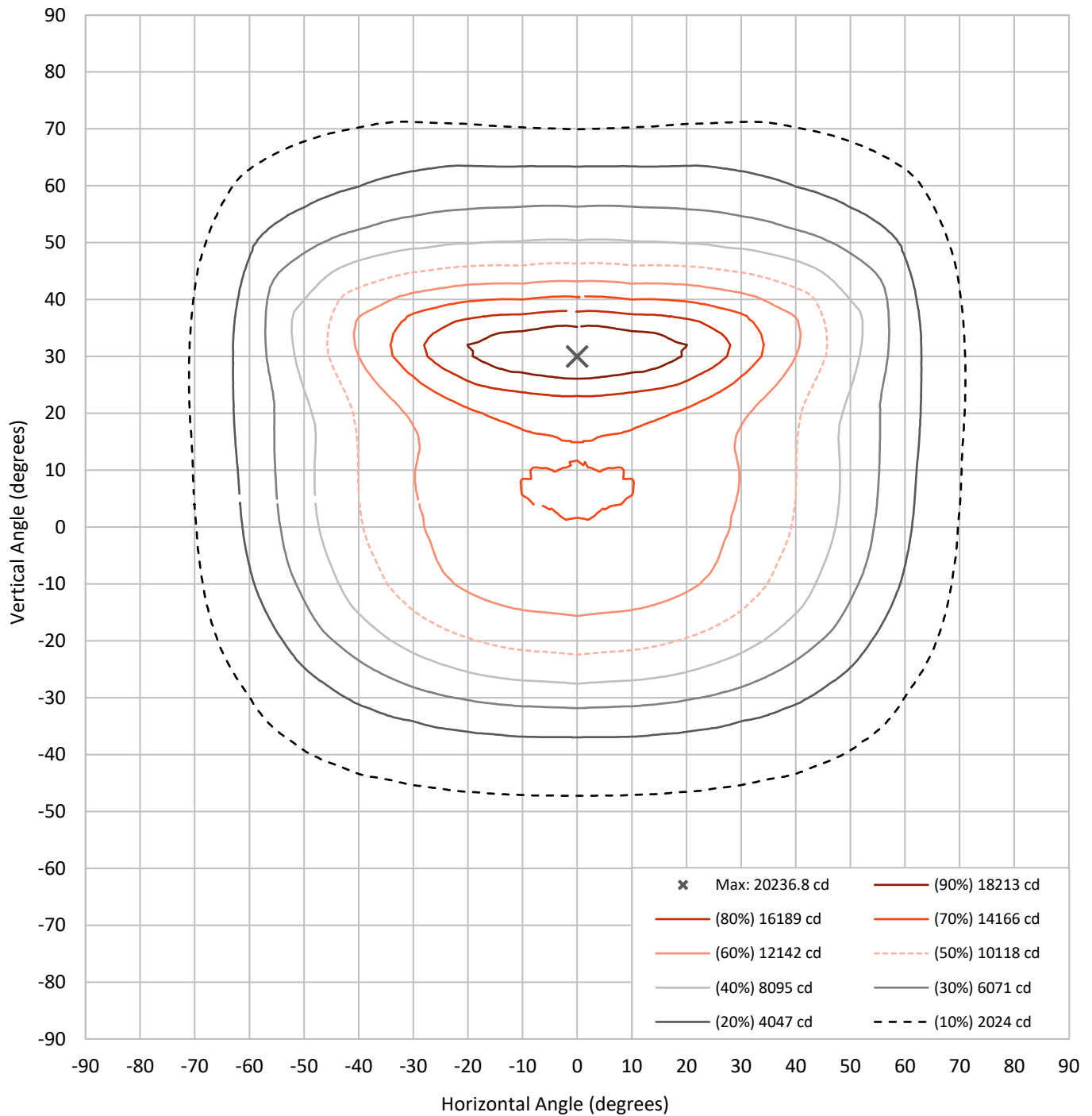
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33780.3 lumens	Max Intensity:	20236.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	91.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19643.6 lumens	Field Lumens:	31656.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2
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



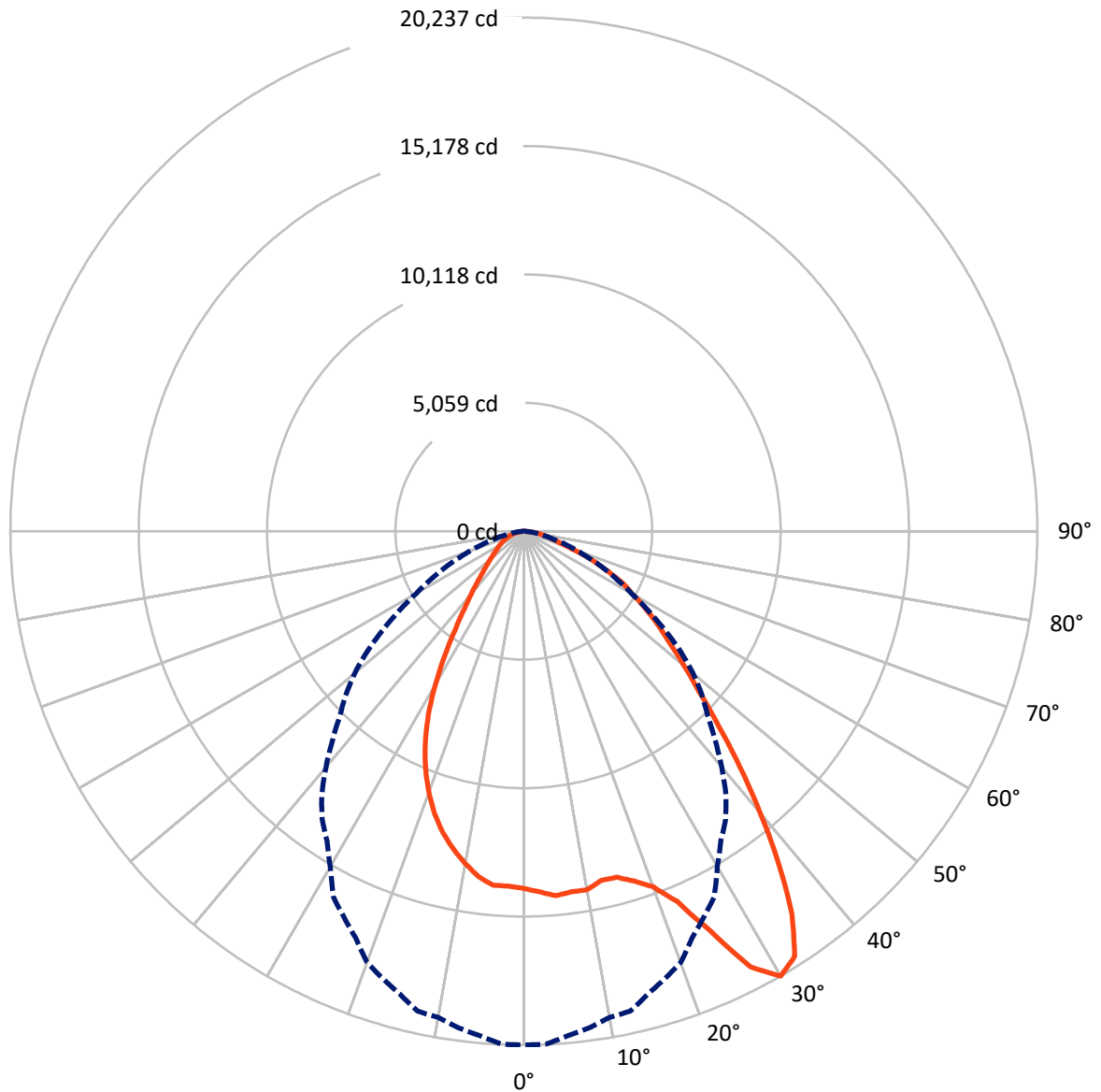
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Lumen Table

90																			
80	3.2	29.9	74.8	93.9	94.3	93.9	74.8	29.9	3.2										
70																			
60	13.0	17.6	37.5	59.8	82.0	98.5	105.1	108.0	108.0	105.1	98.5	82.0	59.8	37.5	17.6				13.0
50																			
40	21.5	28.9	66.1	105.4	142.7	172.4	190.1	198.6	198.6	190.1	172.4	142.7	105.4	66.1	28.9				21.5
30																			
20	23.9	39.4	101.5	171.3	237.4	287.5	318.6	335.0	335.0	318.6	287.5	237.4	171.3	101.5	39.4				23.9
10																			
0	22.3	45.4	121.2	222.0	335.6	436.1	506.6	543.6	543.6	506.6	436.1	335.6	222.0	121.2	45.4				22.3
-10																			
-20	18.3	46.2	113.9	208.5	312.1	410.6	486.6	525.0	525.0	486.6	410.6	312.1	208.5	113.9	46.2				18.3
-30																			
-40	12.7	44.7	108.7	192.3	278.9	353.0	405.9	431.2	431.2	405.9	353.0	278.9	192.3	108.7	44.7				12.7
-50																			
-60	7.5	42.3	106.4	191.1	276.9	350.9	404.3	429.8	429.8	404.3	350.9	276.9	191.1	106.4	42.3				7.5
-70																			
-80	2.5	38.4	98.1	178.6	263.3	337.6	391.8	417.5	417.5	391.8	337.6	263.3	178.6	98.1	38.4				2.5
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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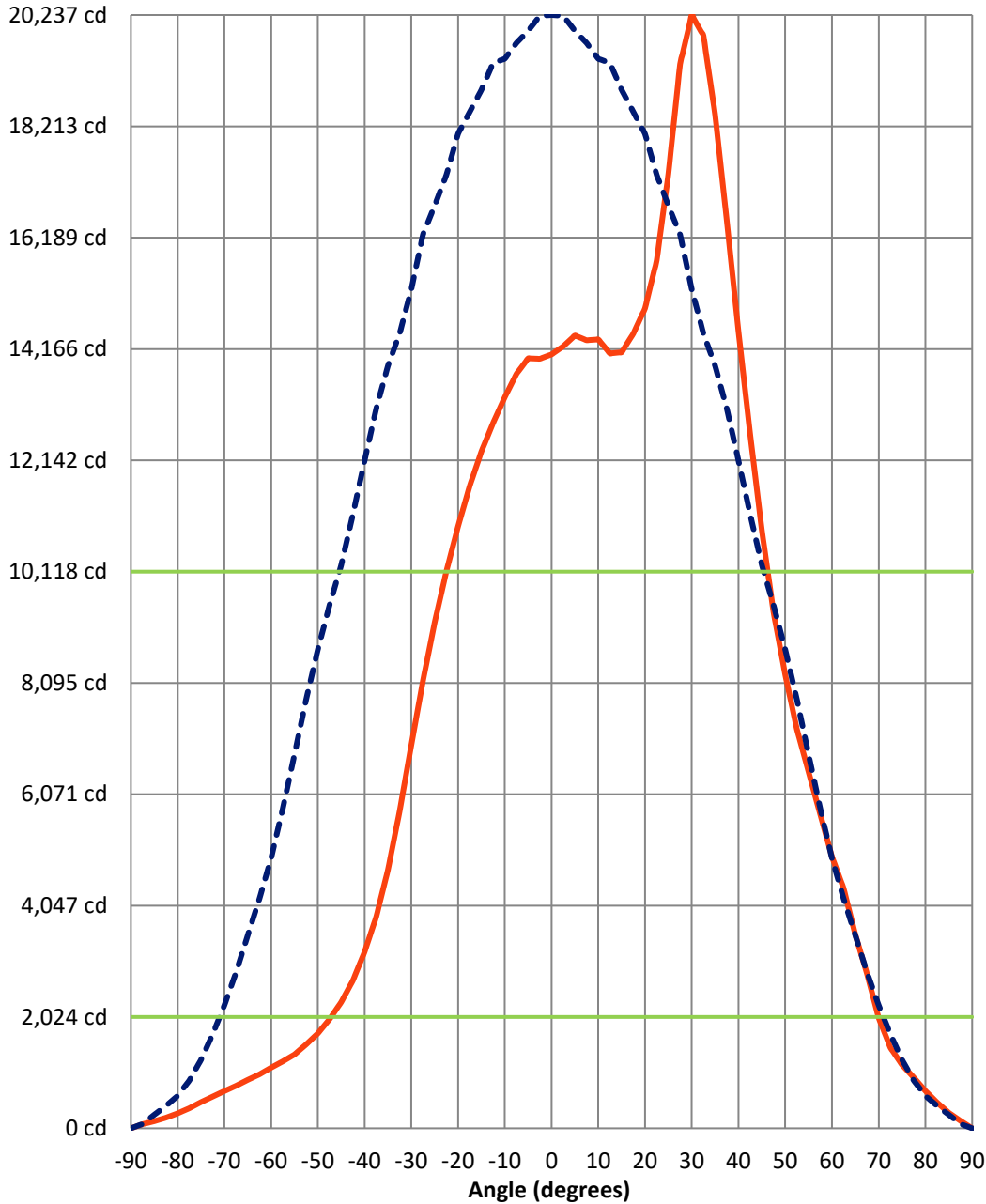
Luminous Intensity Polar Plot



— 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: 19643.6
Efficiency: 58.2%

Field:
H Angle: 142°
V Angle: 117.1°
Lumens: 31656.5
Efficiency: 93.7%

Spill:
Lumens: 2123.8
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°	136.0	139.6	143.1	143.1	139.6	139.6	139.6	136.0	139.6	139.6	139.6
85°	282.7	289.9	297.0	293.4	289.9	282.7	275.5	279.1	282.7	286.3	286.3
82.5°	468.8	479.5	486.7	483.1	475.9	468.8	461.6	465.2	472.4	475.9	475.9
80°	679.9	683.5	687.1	694.2	683.5	683.5	679.9	694.2	701.4	708.6	715.7
77.5°	923.3	926.8	926.8	930.4	934.0	937.6	937.6	962.6	980.5	991.3	1002.0
75°	1152.3	1163.0	1173.8	1184.5	1198.8	1206.0	1216.7	1252.5	1281.1	1302.6	1324.1
72.5°	1467.2	1481.5	1499.4	1524.5	1549.5	1567.4	1592.5	1635.4	1667.6	1689.1	1714.1
70°	2007.6	2021.9	2039.8	2057.7	2082.7	2100.6	2125.7	2179.3	2211.6	2225.9	2240.2
67.5°	2809.2	2845.0	2877.2	2841.4	2823.5	2798.4	2805.6	2855.7	2887.9	2909.4	2905.8
65°	3521.3	3546.4	3546.4	3542.8	3528.5	3496.3	3514.2	3575.0	3610.8	3628.7	3575.0
62.5°	4358.7	4358.7	4340.8	4369.4	4373.0	4351.5	4340.8	4344.4	4348.0	4358.7	4269.2
60°	4938.4	4974.2	4984.9	5010.0	5017.2	5017.2	5035.0	5049.4	5049.4	5027.9	4924.1
57.5°	5704.2	5772.2	5786.5	5768.7	5732.9	5686.3	5679.2	5657.7	5614.8	5571.8	5521.7
55°	6477.2	6513.0	6509.4	6498.7	6462.9	6409.2	6416.4	6387.7	6319.8	6266.1	6198.1
52.5°	7253.8	7339.6	7354.0	7332.5	7282.4	7225.1	7228.7	7196.5	7128.5	7071.3	6978.2
50°	8245.0	8316.6	8309.4	8273.7	8202.1	8159.1	8162.7	8101.9	8023.2	8005.3	7883.6
47.5°	9379.4	9461.7	9447.4	9397.3	9300.7	9282.8	9300.7	9222.0	9175.5	9136.1	8992.9
45°	10868.1	10964.7	10911.1	10814.4	10660.6	10678.5	10703.5	10689.2	10589.0	10485.2	10302.7
42.5°	12614.5	12675.3	12610.9	12514.3	12321.0	12356.8	12342.5	12256.6	12195.8	12024.0	11791.4
40°	14482.5	14614.9	14514.7	14364.4	14164.0	14217.7	14178.3	14067.4	13924.2	13709.5	13416.1
37.5°	16497.2	16601.0	16486.5	16311.1	16132.2	16114.3	16035.6	15863.8	15659.8	15423.6	14954.8
35°	18426.1	18694.4	18483.3	18204.2	17985.9	17903.6	17828.4	17431.2	17198.6	16815.7	16175.1
32.5°	19861.1	20057.9	19796.6	19506.8	19242.0	19127.5	18862.6	18390.3	18265.0	17459.8	16873.0
30°	20236.8	20222.5	19950.5	19728.7	19442.4	19363.6	18877.0	18476.2	18075.4	17331.0	16772.8
27.5°	19342.2	19252.7	18991.5	18798.2	18515.5	18422.5	17942.9	17728.2	17109.1	16479.3	16006.9
25°	17348.9	17395.4	17198.6	17102.0	16915.9	16715.5	16525.8	16236.0	15849.5	15298.4	14865.4
22.5°	15777.9	15838.7	15756.4	15641.9	15498.8	15387.8	15244.7	15019.3	14647.1	14307.1	13899.2
20°	14904.7	14886.8	14815.3	14729.4	14593.4	14514.7	14357.2	14167.6	13881.3	13587.8	13147.7
17.5°	14446.7	14335.7	14267.8	14235.5	14164.0	14063.8	13877.7	13684.4	13462.6	13129.8	12807.7
15°	14106.7	14124.6	14070.9	14045.9	13988.6	13849.1	13659.4	13501.9	13201.3	13033.1	12739.7
12.5°	14085.2	14067.4	14070.9	14060.2	13988.6	13809.7	13713.1	13512.7	13319.4	13097.6	12761.2
10°	14339.3	14149.7	14164.0	14214.1	14099.6	13956.4	13852.6	13634.3	13451.8	13169.1	12836.3
7.5°	14325.0	14228.4	14257.0	14174.7	14210.5	14035.1	13892.0	13673.7	13444.7	13144.1	12843.5
5°	14410.9	14264.2	14239.1	14246.3	14156.8	14024.4	13831.2	13623.6	13408.9	13072.5	12764.8
2.5°	14214.1	14235.5	14121.0	14078.1	14067.4	13845.5	13666.6	13466.2	13244.3	12947.3	12671.7
0°	14067.4	14106.7	13988.6	13927.8	13924.2	13734.5	13620.0	13391.0	13233.5	12986.6	12653.8
-2.5°	13988.6	14035.1	14049.5	13938.5	13831.2	13684.4	13491.2	13244.3	12986.6	12700.3	12414.1
-5°	13995.8	13902.7	13863.4	13899.2	13806.1	13659.4	13444.7	13226.4	12972.3	12664.6	12306.7
-7.5°	13713.1	13620.0	13612.9	13595.0	13573.5	13433.9	13255.0	13018.8	12761.2	12474.9	12142.1
-10°	13290.8	13222.8	13204.9	13187.0	13129.8	13047.5	12879.3	12664.6	12431.9	12145.7	11791.4
-12.5°	12822.0	12789.8	12721.8	12675.3	12618.0	12521.4	12360.4	12163.6	11930.9	11676.9	11372.7
-15°	12303.1	12242.3	12174.3	12134.9	12052.6	11938.1	11777.1	11594.6	11340.5	11090.0	10803.7
-17.5°	11676.9	11601.7	11526.6	11515.8	11458.6	11283.2	11132.9	10911.1	10689.2	10449.4	10170.3
-20°	10939.7	10835.9	10785.8	10757.2	10678.5	10549.6	10388.6	10184.6	9969.9	9740.9	9418.8



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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°	10123.8	10034.3	9948.4	9894.7	9826.8	9726.6	9572.7	9393.7	9182.6	8925.0	8627.9
-25°	9196.9	9071.7	9018.0	8957.2	8921.4	8828.3	8678.0	8513.4	8295.1	8044.6	7761.9
-27.5°	8137.7	8037.5	8008.8	7923.0	7880.0	7783.4	7658.1	7504.3	7303.9	7067.7	6835.1
-30°	6967.5	6906.6	6860.1	6774.2	6742.0	6638.2	6555.9	6427.1	6244.6	6076.4	5890.3
-32.5°	5765.1	5704.2	5689.9	5650.6	5629.1	5561.1	5468.1	5375.0	5228.3	5103.0	4952.7
-35°	4698.7	4655.7	4659.3	4655.7	4634.2	4584.1	4469.6	4444.6	4337.2	4222.7	4126.1
-37.5°	3847.0	3850.5	3847.0	3843.4	3814.8	3793.3	3711.0	3678.8	3614.4	3503.4	3446.2
-40°	3206.4	3213.6	3210.0	3202.8	3170.6	3159.9	3106.2	3063.3	3038.2	2959.5	2898.6
-42.5°	2687.5	2698.2	2694.7	2691.1	2669.6	2666.0	2637.4	2587.3	2573.0	2526.5	2462.1
-45°	2293.9	2290.3	2283.1	2290.3	2279.5	2268.8	2250.9	2218.7	2200.8	2179.3	2125.7
-47.5°	1982.5	1986.1	1978.9	1978.9	1964.6	1953.9	1946.7	1925.3	1911.0	1893.1	1860.9
-50°	1724.9	1739.2	1735.6	1732.0	1721.3	1714.1	1714.1	1692.7	1671.2	1664.0	1642.6
-52.5°	1524.5	1535.2	1538.8	1545.9	1549.5	1553.1	1542.4	1520.9	1485.1	1481.5	1470.8
-55°	1342.0	1374.2	1395.6	1410.0	1424.3	1435.0	1413.5	1384.9	1349.1	1334.8	1331.2
-57.5°	1216.7	1248.9	1274.0	1295.4	1313.3	1331.2	1309.8	1281.1	1248.9	1231.0	1227.4
-60°	1102.2	1130.8	1155.9	1184.5	1209.6	1238.2	1227.4	1206.0	1188.1	1173.8	1159.5
-62.5°	980.5	1009.2	1037.8	1073.6	1105.8	1134.4	1138.0	1134.4	1130.8	1134.4	1109.4
-65°	880.3	894.6	912.5	951.9	987.7	1019.9	1037.8	1048.5	1066.4	1084.3	1059.3
-67.5°	773.0	790.9	812.3	841.0	869.6	891.1	916.1	944.7	973.4	1002.0	984.1
-70°	676.3	690.7	708.6	722.9	740.8	755.1	776.5	808.8	841.0	869.6	862.4
-72.5°	576.1	590.5	601.2	608.4	619.1	626.2	637.0	665.6	687.1	701.4	701.4
-75°	475.9	490.3	501.0	504.6	511.7	515.3	522.5	533.2	543.9	547.5	551.1
-77.5°	365.0	379.3	390.1	397.2	404.4	411.5	415.1	422.3	425.8	425.8	429.4
-80°	272.0	282.7	289.9	300.6	304.2	311.3	318.5	322.1	325.6	325.6	329.2
-82.5°	193.2	200.4	207.6	214.7	221.9	225.4	232.6	236.2	239.8	243.3	246.9
-85°	128.8	136.0	143.1	150.3	153.9	157.5	161.0	164.6	168.2	171.8	175.3
-87.5°	75.1	78.7	82.3	89.5	93.0	100.2	103.8	100.2	103.8	103.8	103.8
-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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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°	139.6	139.6	139.6	139.6	136.0	128.8	125.2	118.1	110.9	103.8	96.6
85°	289.9	293.4	293.4	293.4	286.3	282.7	272.0	261.2	246.9	225.4	207.6
82.5°	483.1	486.7	486.7	483.1	475.9	465.2	450.9	433.0	404.4	375.7	350.7
80°	726.4	730.0	730.0	726.4	708.6	690.7	672.8	651.3	615.5	576.1	533.2
77.5°	1016.3	1023.5	1023.5	1012.7	987.7	966.2	937.6	901.8	848.1	790.9	733.6
75°	1352.7	1370.6	1374.2	1363.4	1331.2	1291.9	1245.3	1184.5	1102.2	1030.6	962.6
72.5°	1742.8	1760.7	1775.0	1760.7	1714.1	1660.5	1592.5	1520.9	1438.6	1342.0	1227.4
70°	2254.5	2272.4	2283.1	2236.6	2154.3	2064.8	1982.5	1900.2	1803.6	1685.5	1560.3
67.5°	2898.6	2880.7	2859.3	2766.2	2662.5	2555.1	2440.6	2318.9	2193.7	2068.4	1921.7
65°	3517.7	3467.6	3421.1	3310.2	3177.8	3038.2	2905.8	2769.8	2619.5	2462.1	2322.5
62.5°	4169.0	4061.7	3947.2	3811.2	3675.2	3521.3	3388.9	3227.9	3059.7	2866.4	2687.5
60°	4809.6	4680.8	4566.3	4398.1	4219.1	4011.6	3868.4	3711.0	3514.2	3306.6	3095.5
57.5°	5428.7	5289.1	5163.9	5017.2	4823.9	4598.5	4441.0	4237.0	4029.5	3768.2	3553.5
55°	6087.1	5947.6	5847.4	5682.8	5471.6	5264.1	5092.3	4877.6	4587.7	4308.6	4043.8
52.5°	6842.2	6731.3	6623.9	6455.7	6201.7	5990.5	5800.9	5561.1	5256.9	4913.4	4594.9
50°	7686.8	7629.5	7515.0	7318.2	7028.3	6842.2	6591.7	6273.2	5947.6	5586.1	5188.9
47.5°	8806.9	8713.8	8552.8	8338.1	8094.7	7815.6	7479.2	7107.0	6645.4	6244.6	5822.3
45°	10145.2	9973.5	9765.9	9476.1	9175.5	8860.5	8491.9	8019.6	7400.5	6878.0	6434.3
42.5°	11594.6	11362.0	11079.3	10699.9	10309.9	9923.4	9526.2	8882.0	8109.0	7507.8	7006.8
40°	13108.3	12811.3	12457.0	11905.9	11472.9	10975.5	10521.0	9558.4	8735.3	8084.0	7550.8
37.5°	14589.8	14214.1	13620.0	12950.8	12446.3	12038.3	11039.9	10009.3	9272.1	8556.4	8016.0
35°	15724.2	15405.7	14357.2	13663.0	13230.0	12585.8	11336.9	10281.2	9501.1	8907.1	8066.1
32.5°	16397.0	15573.9	14654.2	13952.8	13595.0	12539.3	11358.4	10360.0	9608.5	8942.8	7937.3
30°	16246.7	15251.9	14446.7	13859.8	13083.2	12134.9	11158.0	10238.3	9508.3	8703.1	7794.1
27.5°	15341.3	14571.9	13852.6	13240.7	12478.5	11626.8	10725.0	9916.2	9236.3	8456.2	7597.3
25°	14317.9	13620.0	13086.8	12553.6	11830.7	11018.4	10224.0	9640.7	8957.2	8187.8	7339.6
22.5°	13376.7	12875.7	12457.0	11898.7	11193.8	10485.2	9991.4	9386.6	8685.2	7905.1	7074.8
20°	12775.5	12435.5	11956.0	11340.5	10785.8	10342.1	9794.5	9154.0	8431.1	7615.2	6849.4
17.5°	12485.6	12092.0	11558.8	11158.0	10732.1	10245.4	9633.5	8953.6	8184.2	7482.8	6874.4
15°	12335.3	11920.2	11569.5	11175.9	10696.3	10184.6	9504.7	8799.7	8184.2	7536.5	6892.3
12.5°	12367.5	12009.7	11626.8	11197.3	10682.0	10134.5	9519.0	8864.1	8227.1	7575.8	6895.9
10°	12467.7	12092.0	11684.0	11208.1	10689.2	10148.8	9558.4	8903.5	8248.6	7593.7	6888.7
7.5°	12503.5	12095.6	11659.0	11179.5	10671.3	10141.7	9565.5	8914.2	8252.2	7590.1	6867.3
5°	12392.6	12024.0	11601.7	11118.6	10621.2	10105.9	9536.9	8899.9	8223.6	7554.4	6813.6
2.5°	12242.3	11945.3	11540.9	11075.7	10571.1	10055.8	9490.4	8835.5	8159.1	7489.9	6745.6
0°	12217.2	11848.6	11440.7	11025.6	10488.8	9944.8	9383.0	8713.8	8041.0	7368.3	6627.5
-2.5°	12052.6	11662.6	11254.6	10803.7	10331.3	9783.8	9193.3	8538.5	7872.9	7210.8	6498.7
-5°	11927.4	11494.4	11061.4	10574.7	10098.7	9551.2	8939.3	8302.3	7651.0	7006.8	6319.8
-7.5°	11759.2	11315.4	10861.0	10352.8	9837.5	9279.2	8674.5	8037.5	7396.9	6756.3	6097.9
-10°	11419.2	11029.2	10603.3	10077.3	9533.3	8975.1	8373.9	7747.6	7107.0	6459.3	5797.3
-12.5°	11007.7	10596.1	10130.9	9647.8	9161.1	8642.2	8041.0	7425.5	6781.4	6130.1	5471.6
-15°	10474.5	10070.1	9594.1	9121.8	8653.0	8155.6	7625.9	7071.3	6416.4	5775.8	5117.4
-17.5°	9808.9	9429.5	9003.7	8552.8	8087.6	7586.6	7071.3	6602.5	5990.5	5389.3	4738.0
-20°	9093.1	8738.9	8356.0	7930.1	7464.9	6974.6	6487.9	5997.7	5468.1	4938.4	4333.6



REPORT NUMBER: P722349

CATALOG NUMBER: IFLD-S-SA6D-950-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8348.8	7990.9	7604.5	7207.2	6777.8	6323.3	5872.4	5403.6	4938.4	4458.9	3947.2
-25°	7489.9	7175.0	6820.8	6434.3	6051.4	5654.1	5224.7	4798.9	4401.6	3986.5	3567.8
-27.5°	6591.7	6301.9	5979.8	5643.4	5314.2	4981.4	4609.2	4215.6	3886.3	3542.8	3195.7
-30°	5647.0	5414.4	5153.1	4859.7	4605.6	4337.2	4025.9	3700.2	3399.6	3138.4	2859.3
-32.5°	4752.3	4555.5	4369.4	4176.2	3925.7	3718.1	3503.4	3263.7	2998.8	2751.9	2551.5
-35°	3982.9	3771.8	3693.1	3549.9	3371.0	3188.5	3031.0	2859.3	2658.9	2440.6	2276.0
-37.5°	3335.2	3210.0	3099.0	3020.3	2902.2	2755.5	2630.2	2505.0	2351.1	2186.5	2021.9
-40°	2830.6	2744.8	2623.1	2583.7	2508.6	2408.4	2279.5	2182.9	2079.1	1953.9	1814.3
-42.5°	2426.3	2361.9	2283.1	2215.1	2182.9	2111.4	2011.2	1918.1	1835.8	1749.9	1642.6
-45°	2093.5	2050.5	2000.4	1939.6	1914.5	1857.3	1785.7	1681.9	1635.4	1563.8	1485.1
-47.5°	1825.1	1803.6	1767.8	1728.4	1692.7	1649.7	1585.3	1520.9	1456.5	1410.0	1349.1
-50°	1613.9	1599.6	1578.1	1545.9	1499.4	1470.8	1427.8	1370.6	1309.8	1270.4	1227.4
-52.5°	1445.7	1431.4	1417.1	1392.1	1356.3	1327.6	1291.9	1245.3	1195.2	1155.9	1120.1
-55°	1316.9	1295.4	1284.7	1263.2	1234.6	1202.4	1170.2	1138.0	1095.0	1059.3	1023.5
-57.5°	1216.7	1188.1	1173.8	1155.9	1127.2	1095.0	1070.0	1037.8	1009.2	969.8	937.6
-60°	1138.0	1105.8	1077.1	1059.3	1034.2	1002.0	976.9	951.9	923.3	891.1	851.7
-62.5°	1073.6	1034.2	994.8	973.4	948.3	919.7	894.6	869.6	841.0	808.8	773.0
-65°	1012.7	966.2	916.1	894.6	869.6	841.0	808.8	790.9	765.8	737.2	701.4
-67.5°	937.6	887.5	844.5	819.5	794.4	769.4	740.8	722.9	697.8	662.0	626.2
-70°	826.6	794.4	765.8	744.3	722.9	701.4	672.8	644.1	615.5	583.3	551.1
-72.5°	687.1	676.3	672.8	662.0	637.0	611.9	583.3	554.7	529.6	504.6	479.5
-75°	554.7	561.8	569.0	565.4	540.4	515.3	490.3	465.2	447.3	425.8	404.4
-77.5°	440.2	447.3	454.5	454.5	436.6	422.3	404.4	386.5	372.2	354.3	332.8
-80°	340.0	350.7	361.4	368.6	354.3	343.5	329.2	314.9	300.6	286.3	272.0
-82.5°	257.7	268.4	279.1	286.3	275.5	268.4	257.7	246.9	236.2	221.9	211.1
-85°	186.1	193.2	200.4	204.0	196.8	189.7	182.5	175.3	168.2	157.5	150.3
-87.5°	107.4	110.9	114.5	118.1	110.9	103.8	100.2	93.0	89.5	82.3	78.7
-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-SA6D-950-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°	89.5	82.3	75.1	71.6	64.4	53.7	46.5	39.4	32.2	25.0	21.5
85°	189.7	171.8	150.3	139.6	125.2	110.9	96.6	82.3	68.0	53.7	39.4
82.5°	325.6	304.2	282.7	257.7	225.4	186.1	146.7	121.7	100.2	78.7	60.8
80°	490.3	450.9	415.1	382.9	347.1	297.0	243.3	193.2	136.0	103.8	78.7
77.5°	679.9	633.4	583.3	529.6	472.4	404.4	343.5	279.1	211.1	143.1	100.2
75°	894.6	833.8	765.8	690.7	615.5	526.0	440.2	365.0	286.3	200.4	121.7
72.5°	1134.4	1059.3	976.9	876.7	758.7	654.9	551.1	450.9	357.9	254.1	164.6
70°	1442.2	1324.1	1202.4	1095.0	944.7	780.1	658.5	543.9	425.8	311.3	207.6
67.5°	1771.4	1628.2	1481.5	1324.1	1134.4	941.2	765.8	637.0	497.4	365.0	246.9
65°	2129.2	1950.3	1764.2	1588.9	1327.6	1098.6	901.8	726.4	565.4	415.1	286.3
62.5°	2497.8	2286.7	2072.0	1843.0	1542.4	1259.7	1030.6	826.6	629.8	461.6	322.1
60°	2891.5	2644.6	2383.3	2097.0	1746.3	1435.0	1152.3	930.4	697.8	508.2	361.4
57.5°	3306.6	3038.2	2730.4	2344.0	1957.5	1603.2	1291.9	1023.5	758.7	551.1	390.1
55°	3757.5	3449.7	3113.4	2601.6	2165.0	1771.4	1431.4	1116.5	823.1	586.9	418.7
52.5°	4244.2	3886.3	3460.5	2873.6	2383.3	1943.2	1560.3	1198.8	883.9	626.2	443.7
50°	4788.1	4337.2	3764.7	3124.1	2573.0	2104.2	1689.1	1288.3	934.0	669.2	465.2
47.5°	5353.5	4866.9	4036.6	3356.7	2766.2	2261.7	1821.5	1367.0	984.1	705.0	486.7
45°	5944.0	5235.4	4319.3	3564.3	2934.4	2404.8	1921.7	1438.6	1044.9	737.2	504.6
42.5°	6527.3	5514.6	4566.3	3771.8	3091.9	2533.6	2004.0	1506.6	1095.0	769.4	522.5
40°	6802.9	5725.7	4763.1	3915.0	3224.3	2648.1	2075.6	1567.4	1138.0	790.9	540.4
37.5°	6917.4	5854.5	4891.9	4050.9	3328.1	2709.0	2136.4	1621.1	1173.8	812.3	554.7
35°	6942.4	5901.1	4956.3	4144.0	3414.0	2766.2	2182.9	1660.5	1202.4	833.8	569.0
32.5°	6895.9	5886.7	4974.2	4176.2	3467.6	2809.2	2215.1	1689.1	1223.9	855.3	583.3
30°	6792.1	5811.6	4909.8	4172.6	3507.0	2834.2	2236.6	1710.6	1245.3	869.6	590.5
27.5°	6623.9	5679.2	4827.5	4176.2	3528.5	2845.0	2247.3	1721.3	1259.7	880.3	604.8
25°	6416.4	5500.3	4831.1	4169.0	3532.0	2848.5	2247.3	1721.3	1263.2	883.9	615.5
22.5°	6176.6	5500.3	4831.1	4158.3	3510.6	2841.4	2236.6	1714.1	1263.2	891.1	626.2
20°	6190.9	5503.8	4820.3	4136.8	3478.4	2819.9	2211.6	1696.2	1252.5	901.8	633.4
17.5°	6201.7	5496.7	4798.9	4108.2	3435.4	2784.1	2179.3	1671.2	1252.5	912.5	637.0
15°	6201.7	5475.2	4766.7	4065.3	3381.7	2734.0	2132.8	1649.7	1256.1	916.1	644.1
12.5°	6190.9	5435.8	4716.6	4008.0	3317.3	2673.2	2104.2	1642.6	1256.1	919.7	644.1
10°	6169.5	5382.2	4652.1	3936.4	3256.5	2651.7	2089.9	1628.2	1248.9	919.7	644.1
7.5°	6130.1	5317.8	4598.5	3893.5	3220.7	2626.7	2068.4	1606.8	1238.2	912.5	651.3
5°	6069.3	5282.0	4555.5	3843.4	3170.6	2608.8	2054.1	1588.9	1231.0	912.5	644.1
2.5°	5990.5	5239.0	4505.4	3779.0	3113.4	2547.9	2007.6	1549.5	1206.0	898.2	637.0
0°	5861.7	5153.1	4419.5	3689.5	3034.6	2487.1	1961.1	1510.2	1180.9	883.9	629.8
-2.5°	5743.6	5038.6	4308.6	3596.5	2959.5	2433.4	1925.3	1488.7	1170.2	880.3	626.2
-5°	5579.0	4881.2	4161.9	3474.8	2859.3	2379.7	1889.5	1463.6	1159.5	873.2	626.2
-7.5°	5396.5	4716.6	4008.0	3349.5	2759.1	2286.7	1821.5	1424.3	1134.4	858.9	622.7
-10°	5113.8	4469.6	3814.8	3206.4	2651.7	2204.4	1764.2	1388.5	1112.9	844.5	608.4
-12.5°	4813.2	4197.7	3592.9	3031.0	2530.0	2118.5	1699.8	1349.1	1087.9	830.2	601.2
-15°	4494.7	3918.5	3360.3	2848.5	2397.6	2014.7	1631.8	1306.2	1062.8	812.3	590.5
-17.5°	4161.9	3625.1	3120.5	2662.5	2265.2	1907.4	1560.3	1266.8	1034.2	794.4	579.7
-20°	3811.2	3324.5	2877.2	2472.8	2125.7	1800.0	1485.1	1220.3	1002.0	773.0	565.4



REPORT NUMBER: P722349

CATALOG NUMBER: IFLD-S-SA6D-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3464.1	3027.5	2626.7	2286.7	1982.5	1689.1	1410.0	1173.8	966.2	747.9	554.7
-25°	3156.3	2748.3	2404.8	2107.8	1843.0	1581.7	1331.2	1127.2	926.8	722.9	540.4
-27.5°	2855.7	2508.6	2186.5	1939.6	1707.0	1477.9	1256.1	1077.1	887.5	694.2	526.0
-30°	2576.6	2279.5	2014.7	1775.0	1578.1	1384.9	1191.7	1027.0	844.5	665.6	508.2
-32.5°	2322.5	2082.7	1860.9	1631.8	1456.5	1291.9	1130.8	976.9	801.6	637.0	490.3
-35°	2086.3	1900.2	1707.0	1513.7	1334.8	1206.0	1066.4	923.3	762.2	604.8	472.4
-37.5°	1875.2	1724.9	1571.0	1406.4	1252.5	1123.7	1005.6	869.6	722.9	576.1	454.5
-40°	1692.7	1571.0	1435.0	1302.6	1173.8	1052.1	944.7	815.9	683.5	554.7	436.6
-42.5°	1524.5	1431.4	1320.5	1209.6	1095.0	987.7	883.9	758.7	644.1	529.6	418.7
-45°	1395.6	1302.6	1213.1	1112.9	1016.3	923.3	819.5	708.6	608.4	501.0	400.8
-47.5°	1274.0	1191.7	1109.4	1027.0	948.3	862.4	758.7	665.6	569.0	475.9	386.5
-50°	1166.6	1087.9	1016.3	944.7	876.7	794.4	697.8	622.7	536.8	450.9	368.6
-52.5°	1066.4	998.4	926.8	869.6	812.3	730.0	651.3	579.7	504.6	422.3	350.7
-55°	976.9	912.5	848.1	794.4	740.8	669.2	604.8	543.9	472.4	400.8	332.8
-57.5°	891.1	837.4	776.5	726.4	672.8	615.5	561.8	504.6	440.2	379.3	314.9
-60°	812.3	762.2	708.6	658.5	611.9	565.4	515.3	468.8	411.5	354.3	297.0
-62.5°	733.6	690.7	644.1	594.0	558.3	515.3	475.9	429.4	382.9	332.8	264.8
-65°	662.0	622.7	579.7	536.8	504.6	472.4	436.6	393.6	354.3	307.8	236.2
-67.5°	590.5	554.7	518.9	483.1	454.5	429.4	393.6	361.4	329.2	279.1	207.6
-70°	522.5	493.8	461.6	433.0	411.5	382.9	357.9	329.2	300.6	243.3	175.3
-72.5°	458.1	429.4	404.4	382.9	365.0	340.0	318.5	297.0	257.7	204.0	146.7
-75°	382.9	365.0	350.7	332.8	314.9	297.0	279.1	254.1	214.7	164.6	114.5
-77.5°	314.9	304.2	293.4	279.1	264.8	250.5	229.0	204.0	171.8	128.8	93.0
-80°	257.7	246.9	239.8	225.4	214.7	200.4	178.9	157.5	125.2	100.2	75.1
-82.5°	196.8	189.7	182.5	175.3	164.6	150.3	128.8	110.9	93.0	75.1	57.3
-85°	139.6	136.0	128.8	121.7	110.9	100.2	85.9	75.1	64.4	50.1	39.4
-87.5°	71.6	68.0	64.4	60.8	57.3	50.1	42.9	35.8	32.2	25.0	17.9
-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: P722349

CATALOG NUMBER: IFLD-S-SA6D-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.3	10.7	3.6	0.0
85°	28.6	17.9	7.2	0.0
82.5°	42.9	28.6	10.7	0.0
80°	57.3	35.8	17.9	0.0
77.5°	71.6	42.9	21.5	0.0
75°	85.9	53.7	25.0	0.0
72.5°	96.6	60.8	28.6	0.0
70°	114.5	71.6	32.2	0.0
67.5°	143.1	78.7	35.8	0.0
65°	168.2	85.9	39.4	0.0
62.5°	196.8	93.0	42.9	0.0
60°	221.9	100.2	46.5	0.0
57.5°	246.9	118.1	50.1	0.0
55°	268.4	132.4	53.7	0.0
52.5°	293.4	146.7	57.3	0.0
50°	314.9	161.0	60.8	0.0
47.5°	332.8	175.3	60.8	0.0
45°	347.1	186.1	64.4	0.0
42.5°	357.9	196.8	68.0	0.0
40°	368.6	207.6	71.6	0.0
37.5°	379.3	218.3	71.6	0.0
35°	390.1	229.0	75.1	0.0
32.5°	400.8	239.8	75.1	0.0
30°	408.0	246.9	78.7	0.0
27.5°	418.7	254.1	78.7	0.0
25°	422.3	261.2	82.3	0.0
22.5°	429.4	264.8	82.3	0.0
20°	436.6	272.0	82.3	0.0
17.5°	440.2	275.5	85.9	0.0
15°	440.2	279.1	89.5	0.0
12.5°	443.7	282.7	89.5	0.0
10°	443.7	289.9	85.9	0.0
7.5°	450.9	286.3	85.9	0.0
5°	447.3	286.3	85.9	0.0
2.5°	443.7	282.7	85.9	0.0
0°	440.2	282.7	85.9	0.0
-2.5°	440.2	282.7	85.9	0.0
-5°	440.2	282.7	85.9	0.0
-7.5°	436.6	286.3	85.9	0.0
-10°	429.4	286.3	85.9	0.0
-12.5°	425.8	275.5	85.9	0.0
-15°	422.3	272.0	85.9	0.0
-17.5°	415.1	268.4	82.3	0.0
-20°	408.0	264.8	82.3	0.0



REPORT NUMBER: P722349

CATALOG NUMBER: IFLD-S-SA6D-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	400.8	257.7	82.3	0.0
-25°	393.6	250.5	78.7	0.0
-27.5°	386.5	243.3	78.7	0.0
-30°	375.7	236.2	75.1	0.0
-32.5°	365.0	229.0	75.1	0.0
-35°	357.9	218.3	71.6	0.0
-37.5°	347.1	207.6	71.6	0.0
-40°	336.4	196.8	68.0	0.0
-42.5°	325.6	186.1	64.4	0.0
-45°	311.3	175.3	64.4	0.0
-47.5°	300.6	164.6	60.8	0.0
-50°	282.7	150.3	57.3	0.0
-52.5°	261.2	136.0	53.7	0.0
-55°	239.8	125.2	50.1	0.0
-57.5°	218.3	110.9	50.1	0.0
-60°	196.8	96.6	46.5	0.0
-62.5°	175.3	89.5	42.9	0.0
-65°	153.9	82.3	39.4	0.0
-67.5°	128.8	71.6	35.8	0.0
-70°	107.4	64.4	32.2	0.0
-72.5°	93.0	57.3	28.6	0.0
-75°	78.7	50.1	25.0	0.0
-77.5°	68.0	42.9	21.5	0.0
-80°	53.7	32.2	14.3	0.0
-82.5°	39.4	25.0	10.7	0.0
-85°	25.0	17.9	7.2	0.0
-87.5°	14.3	7.2	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)