

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: P722260

Luminaire Tested: **IFLD-S-SA6B-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722260
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

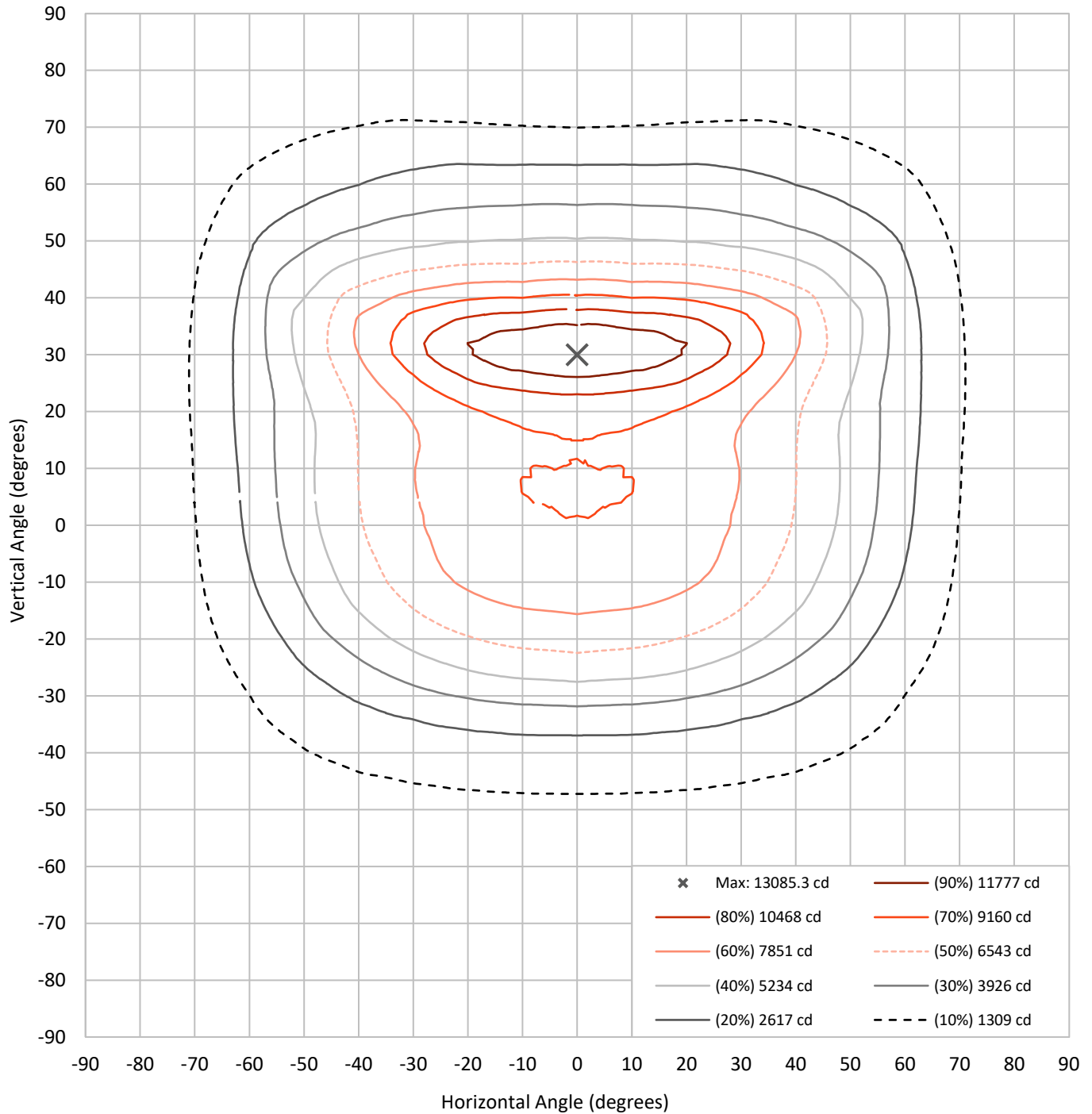
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21842.6 lumens	Max Intensity:	13085.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12701.7 lumens	Field Lumens:	20469.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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



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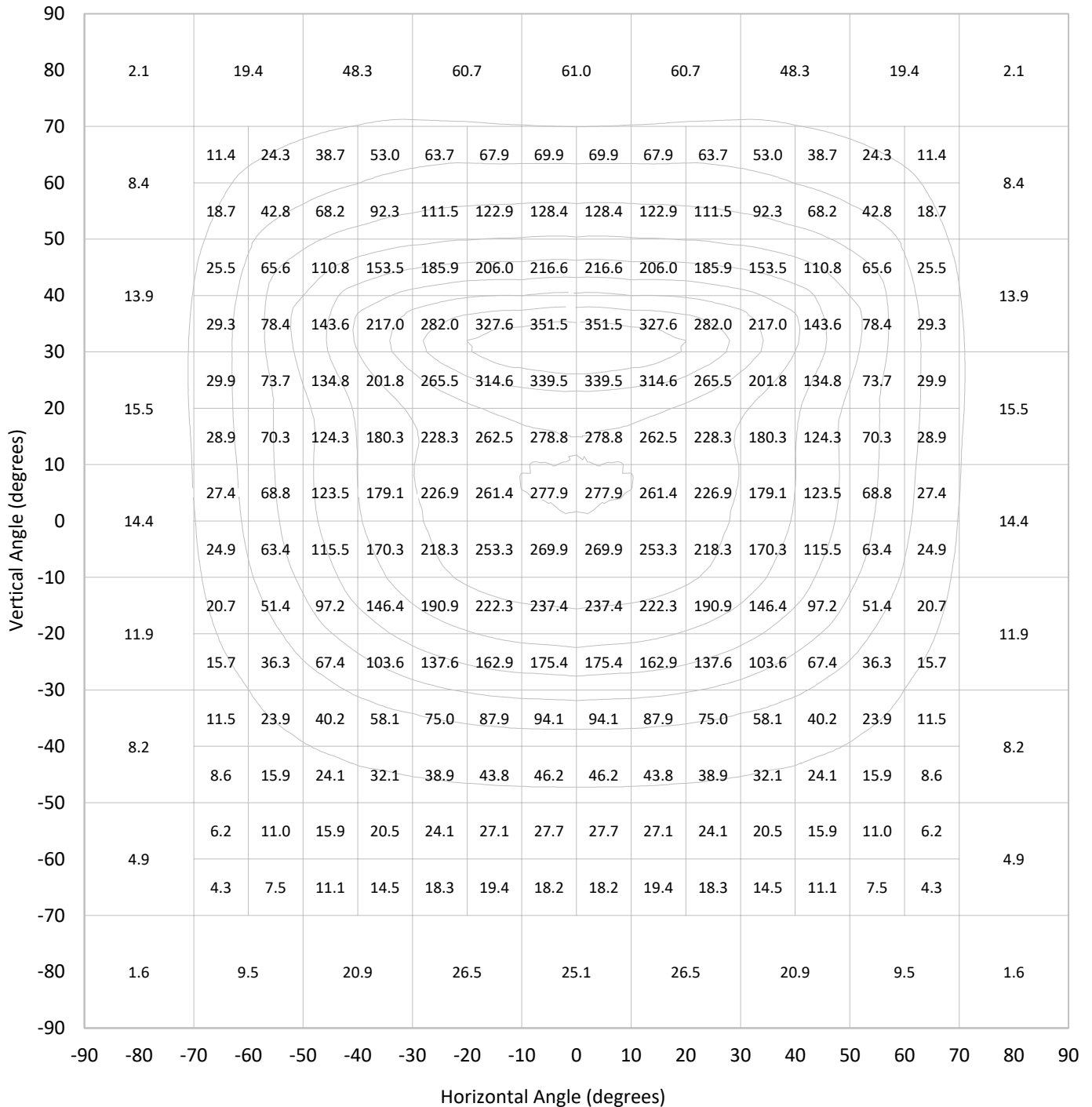
Iso-Candela Plot





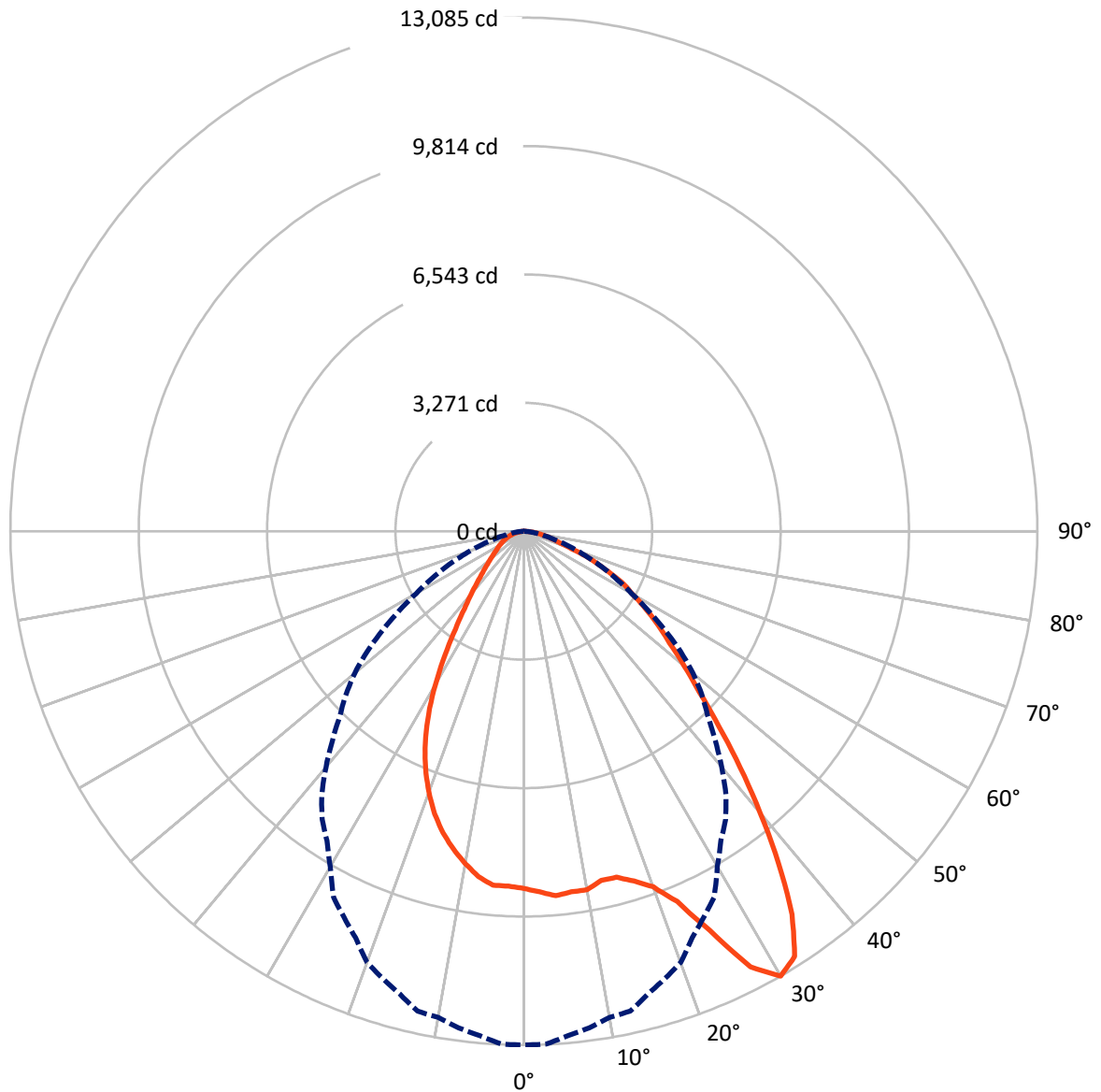
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Lumen Table



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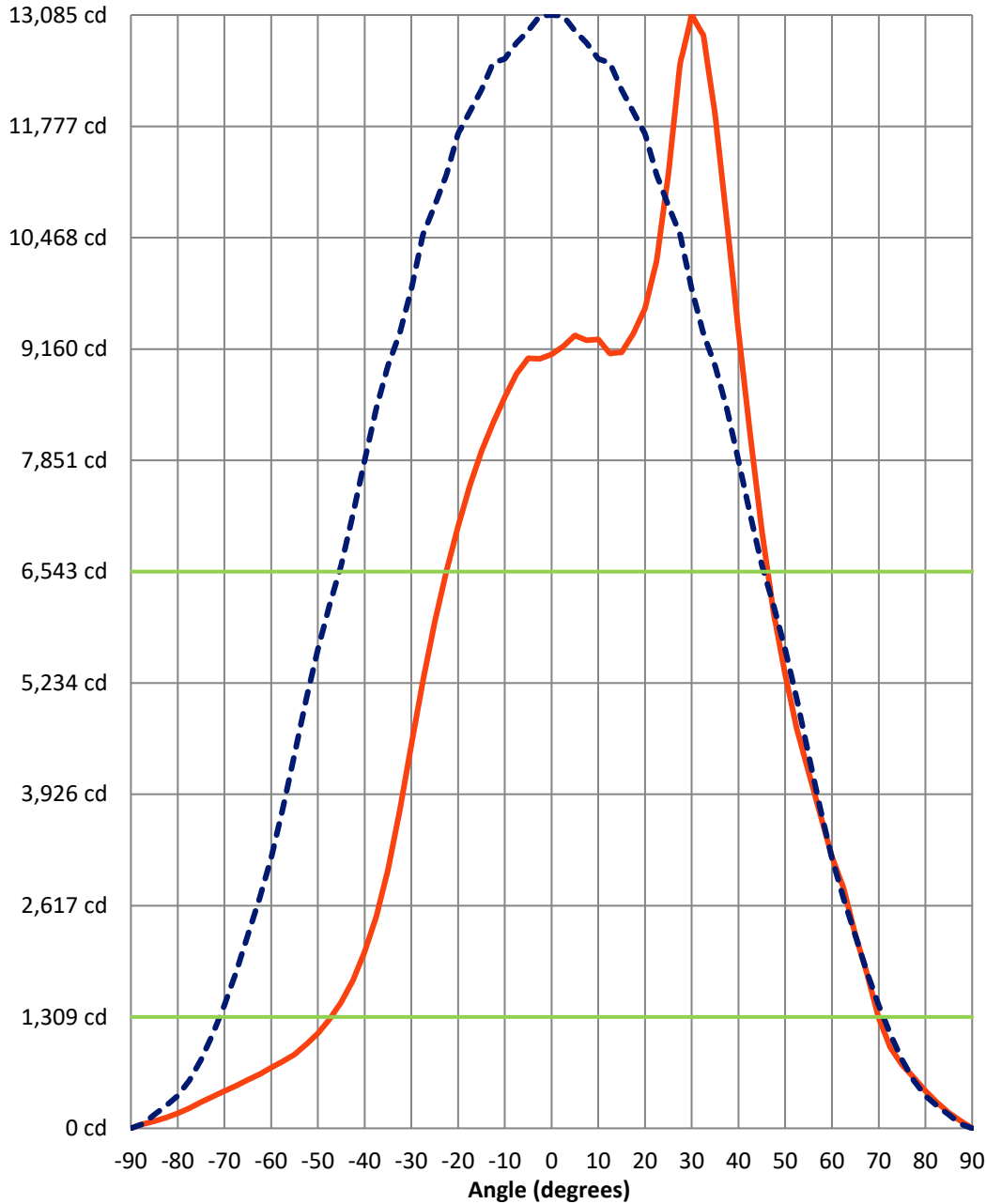
Luminous Intensity Polar Plot



— 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: 12701.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 20469.3
 Efficiency: 93.7%

Spill:
 Lumens: 1373.3
 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°	87.9	90.2	92.6	92.6	90.2	90.2	90.2	87.9	90.2	90.2	90.2
85°	182.8	187.4	192.1	189.7	187.4	182.8	178.2	180.5	182.8	185.1	185.1
82.5°	303.1	310.1	314.7	312.4	307.8	303.1	298.5	300.8	305.4	307.8	307.8
80°	439.6	442.0	444.3	448.9	442.0	442.0	439.6	448.9	453.5	458.2	462.8
77.5°	597.0	599.3	599.3	601.6	603.9	606.2	606.2	622.4	634.0	641.0	647.9
75°	745.1	752.0	759.0	765.9	775.2	779.8	786.7	809.9	828.4	842.3	856.2
72.5°	948.7	958.0	969.5	985.7	1001.9	1013.5	1029.7	1057.5	1078.3	1092.2	1108.4
70°	1298.1	1307.4	1318.9	1330.5	1346.7	1358.3	1374.5	1409.2	1430.0	1439.3	1448.5
67.5°	1816.4	1839.6	1860.4	1837.3	1825.7	1809.5	1814.1	1846.5	1867.3	1881.2	1878.9
65°	2276.9	2293.1	2293.1	2290.8	2281.5	2260.7	2272.3	2311.6	2334.8	2346.3	2311.6
62.5°	2818.4	2818.4	2806.8	2825.3	2827.6	2813.7	2806.8	2809.1	2811.4	2818.4	2760.5
60°	3193.2	3216.4	3223.3	3239.5	3244.1	3244.1	3255.7	3265.0	3265.0	3251.1	3184.0
57.5°	3688.4	3732.4	3741.6	3730.1	3706.9	3676.8	3672.2	3658.3	3630.6	3602.8	3570.4
55°	4188.2	4211.3	4209.0	4202.1	4179.0	4144.2	4148.9	4130.4	4086.4	4051.7	4007.7
52.5°	4690.3	4745.9	4755.1	4741.2	4708.8	4671.8	4674.1	4653.3	4609.3	4572.3	4512.2
50°	5331.3	5377.6	5372.9	5349.8	5303.5	5275.8	5278.1	5238.7	5187.8	5176.3	5097.6
47.5°	6064.8	6118.0	6108.8	6076.4	6013.9	6002.3	6013.9	5963.0	5932.9	5907.5	5814.9
45°	7027.4	7089.9	7055.2	6992.7	6893.2	6904.8	6921.0	6911.7	6846.9	6779.8	6661.8
42.5°	8156.6	8195.9	8154.3	8091.8	7966.9	7990.0	7980.7	7925.2	7885.9	7774.8	7624.4
40°	9364.5	9450.1	9385.3	9288.1	9158.5	9193.2	9167.8	9096.1	9003.5	8864.7	8674.9
37.5°	10667.2	10734.3	10660.3	10546.9	10431.2	10419.6	10368.7	10257.6	10125.7	9973.0	9669.9
35°	11914.4	12088.0	11951.4	11771.0	11629.8	11576.6	11528.0	11271.1	11120.7	10873.1	10459.0
32.5°	12842.3	12969.6	12800.7	12613.2	12442.0	12367.9	12196.7	11891.3	11810.3	11289.7	10910.2
30°	13085.3	13076.0	12900.1	12756.7	12571.6	12520.7	12206.0	11946.8	11687.7	11206.4	10845.4
27.5°	12506.8	12448.9	12280.0	12155.1	11972.3	11912.1	11602.0	11463.2	11062.9	10655.6	10350.2
25°	11217.9	11248.0	11120.7	11058.3	10937.9	10808.4	10685.7	10498.3	10248.4	9892.0	9612.1
22.5°	10202.1	10241.4	10188.2	10114.2	10021.6	9949.9	9857.3	9711.6	9470.9	9251.1	8987.3
20°	9637.5	9625.9	9579.7	9524.1	9436.2	9385.3	9283.5	9160.8	8975.7	8786.0	8501.4
17.5°	9341.3	9269.6	9225.6	9204.8	9158.5	9093.7	8973.4	8848.5	8705.0	8489.8	8281.5
15°	9121.5	9133.1	9098.4	9082.2	9045.1	8954.9	8832.3	8730.5	8536.1	8427.3	8237.6
12.5°	9107.6	9096.1	9098.4	9091.4	9045.1	8929.4	8867.0	8737.4	8612.4	8469.0	8251.5
10°	9271.9	9149.3	9158.5	9190.9	9116.9	9024.3	8957.2	8816.1	8698.1	8515.3	8300.1
7.5°	9262.7	9200.2	9218.7	9165.5	9188.6	9075.2	8982.7	8841.5	8693.4	8499.1	8304.7
5°	9318.2	9223.3	9207.1	9211.7	9153.9	9068.3	8943.3	8809.1	8670.3	8452.8	8253.8
2.5°	9190.9	9204.8	9130.8	9103.0	9096.1	8952.6	8836.9	8707.3	8563.8	8371.8	8193.6
0°	9096.1	9121.5	9045.1	9005.8	9003.5	8880.9	8806.8	8658.7	8556.9	8397.2	8182.0
-2.5°	9045.1	9075.2	9084.5	9012.8	8943.3	8848.5	8723.5	8563.8	8397.2	8212.1	8027.0
-5°	9049.8	8989.6	8964.2	8987.3	8927.1	8832.3	8693.4	8552.3	8388.0	8189.0	7957.6
-7.5°	8867.0	8806.8	8802.2	8790.6	8776.7	8686.5	8570.8	8418.1	8251.5	8066.4	7851.2
-10°	8593.9	8550.0	8538.4	8526.8	8489.8	8436.6	8327.8	8189.0	8038.6	7853.5	7624.4
-12.5°	8290.8	8270.0	8226.0	8195.9	8158.9	8096.4	7992.3	7865.0	7714.6	7550.3	7353.7
-15°	7955.3	7915.9	7872.0	7846.5	7793.3	7719.3	7615.1	7497.1	7332.8	7170.9	6985.7
-17.5°	7550.3	7501.8	7453.2	7446.2	7409.2	7295.8	7198.6	7055.2	6911.7	6756.7	6576.2
-20°	7073.7	7006.6	6974.2	6955.7	6904.8	6821.5	6717.3	6585.4	6446.6	6298.5	6090.3



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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°	6546.1	6488.3	6432.7	6398.0	6354.0	6289.3	6189.8	6074.1	5937.5	5770.9	5578.9
-25°	5946.8	5865.8	5831.1	5791.8	5768.6	5708.5	5611.3	5504.8	5363.7	5201.7	5018.9
-27.5°	5261.9	5197.1	5178.6	5123.0	5095.3	5032.8	4951.8	4852.3	4722.7	4570.0	4419.6
-30°	4505.2	4465.9	4435.8	4380.3	4359.4	4292.3	4239.1	4155.8	4037.8	3929.0	3808.7
-32.5°	3727.7	3688.4	3679.1	3653.7	3639.8	3595.8	3535.7	3475.5	3380.6	3299.7	3202.5
-35°	3038.2	3010.4	3012.7	3010.4	2996.5	2964.1	2890.1	2873.9	2804.5	2730.4	2668.0
-37.5°	2487.5	2489.8	2487.5	2485.2	2466.6	2452.8	2399.5	2378.7	2337.1	2265.3	2228.3
-40°	2073.3	2077.9	2075.6	2071.0	2050.1	2043.2	2008.5	1980.7	1964.5	1913.6	1874.3
-42.5°	1737.8	1744.7	1742.4	1740.1	1726.2	1723.9	1705.4	1673.0	1663.7	1633.6	1592.0
-45°	1483.2	1480.9	1476.3	1480.9	1474.0	1467.0	1455.5	1434.6	1423.1	1409.2	1374.5
-47.5°	1281.9	1284.2	1279.6	1279.6	1270.3	1263.4	1258.8	1244.9	1235.6	1224.1	1203.2
-50°	1115.3	1124.6	1122.3	1119.9	1113.0	1108.4	1108.4	1094.5	1080.6	1076.0	1062.1
-52.5°	985.7	992.7	995.0	999.6	1001.9	1004.2	997.3	983.4	960.3	958.0	951.0
-55°	867.7	888.5	902.4	911.7	920.9	927.9	914.0	895.5	872.4	863.1	860.8
-57.5°	786.7	807.6	823.8	837.6	849.2	860.8	846.9	828.4	807.6	796.0	793.7
-60°	712.7	731.2	747.4	765.9	782.1	800.6	793.7	779.8	768.2	759.0	749.7
-62.5°	634.0	652.5	671.0	694.2	715.0	733.5	735.8	733.5	731.2	733.5	717.3
-65°	569.2	578.5	590.1	615.5	638.6	659.5	671.0	678.0	689.6	701.1	684.9
-67.5°	499.8	511.4	525.3	543.8	562.3	576.2	592.4	610.9	629.4	647.9	636.3
-70°	437.3	446.6	458.2	467.4	479.0	488.2	502.1	522.9	543.8	562.3	557.7
-72.5°	372.5	381.8	388.7	393.4	400.3	404.9	411.9	430.4	444.3	453.5	453.5
-75°	307.8	317.0	323.9	326.3	330.9	333.2	337.8	344.8	351.7	354.0	356.3
-77.5°	236.0	245.3	252.2	256.8	261.5	266.1	268.4	273.0	275.4	275.4	277.7
-80°	175.9	182.8	187.4	194.4	196.7	201.3	205.9	208.3	210.6	210.6	212.9
-82.5°	125.0	129.6	134.2	138.8	143.5	145.8	150.4	152.7	155.0	157.3	159.7
-85°	83.3	87.9	92.6	97.2	99.5	101.8	104.1	106.4	108.8	111.1	113.4
-87.5°	48.6	50.9	53.2	57.8	60.2	64.8	67.1	64.8	67.1	67.1	67.1
-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°	90.2	90.2	90.2	90.2	87.9	83.3	81.0	76.4	71.7	67.1	62.5
85°	187.4	189.7	189.7	189.7	185.1	182.8	175.9	168.9	159.7	145.8	134.2
82.5°	312.4	314.7	314.7	312.4	307.8	300.8	291.6	280.0	261.5	243.0	226.8
80°	469.7	472.0	472.0	469.7	458.2	446.6	435.0	421.1	398.0	372.5	344.8
77.5°	657.2	661.8	661.8	654.8	638.6	624.8	606.2	583.1	548.4	511.4	474.4
75°	874.7	886.2	888.5	881.6	860.8	835.3	805.2	765.9	712.7	666.4	622.4
72.5°	1126.9	1138.5	1147.7	1138.5	1108.4	1073.7	1029.7	983.4	930.2	867.7	793.7
70°	1457.8	1469.3	1476.3	1446.2	1393.0	1335.1	1281.9	1228.7	1166.2	1089.9	1008.9
67.5°	1874.3	1862.7	1848.8	1788.7	1721.6	1652.1	1578.1	1499.4	1418.4	1337.5	1242.6
65°	2274.6	2242.2	2212.1	2140.4	2054.8	1964.5	1878.9	1791.0	1693.8	1592.0	1501.7
62.5°	2695.7	2626.3	2552.3	2464.3	2376.4	2276.9	2191.3	2087.2	1978.4	1853.5	1737.8
60°	3109.9	3026.6	2952.6	2843.8	2728.1	2593.9	2501.4	2399.5	2272.3	2138.1	2001.5
57.5°	3510.2	3420.0	3339.0	3244.1	3119.2	2973.4	2871.6	2739.7	2605.5	2436.6	2297.7
55°	3936.0	3845.7	3781.0	3674.5	3538.0	3403.8	3292.7	3153.9	2966.5	2786.0	2614.7
52.5°	4424.2	4352.5	4283.1	4174.3	4010.0	3873.5	3750.9	3595.8	3399.2	3177.0	2971.1
50°	4970.3	4933.3	4859.2	4732.0	4544.6	4424.2	4262.3	4056.3	3845.7	3612.0	3355.2
47.5°	5694.6	5634.4	5530.3	5391.5	5234.1	5053.6	4836.1	4595.5	4297.0	4037.8	3764.8
45°	6560.0	6448.9	6314.7	6127.3	5932.9	5729.3	5491.0	5185.5	4785.2	4447.4	4160.4
42.5°	7497.1	7346.7	7163.9	6918.6	6666.4	6416.5	6159.7	5743.2	5243.4	4854.6	4530.7
40°	8475.9	8283.9	8054.8	7698.4	7418.5	7096.8	6802.9	6180.5	5648.3	5227.2	4882.4
37.5°	9433.9	9190.9	8806.8	8374.1	8047.8	7784.1	7138.5	6472.1	5995.4	5532.6	5183.2
35°	10167.4	9961.5	9283.5	8834.6	8554.6	8138.1	7330.5	6647.9	6143.5	5759.4	5215.6
32.5°	10602.4	10070.2	9475.5	9022.0	8790.6	8108.0	7344.4	6698.8	6212.9	5782.5	5132.3
30°	10505.2	9862.0	9341.3	8961.8	8459.7	7846.5	7214.8	6620.1	6148.1	5627.5	5039.7
27.5°	9919.8	9422.3	8957.2	8561.5	8068.7	7518.0	6934.8	6411.9	5972.2	5467.8	4912.5
25°	9258.0	8806.8	8462.0	8117.3	7649.8	7124.6	6610.9	6233.7	5791.8	5294.3	4745.9
22.5°	8649.5	8325.5	8054.8	7693.8	7238.0	6779.8	6460.5	6069.4	5615.9	5111.5	4574.6
20°	8260.7	8040.9	7730.8	7332.8	6974.2	6687.3	6333.2	5919.0	5451.6	4924.0	4428.9
17.5°	8073.3	7818.8	7474.0	7214.8	6939.5	6624.8	6229.1	5789.4	5292.0	4838.4	4445.1
15°	7976.1	7707.7	7480.9	7226.4	6916.3	6585.4	6145.8	5689.9	5292.0	4873.1	4456.6
12.5°	7996.9	7765.5	7518.0	7240.3	6907.1	6553.0	6155.0	5731.6	5319.7	4898.6	4458.9
10°	8061.7	7818.8	7555.0	7247.2	6911.7	6562.3	6180.5	5757.1	5333.6	4910.2	4454.3
7.5°	8084.9	7821.1	7538.8	7228.7	6900.1	6557.7	6185.1	5764.0	5335.9	4907.8	4440.4
5°	8013.1	7774.8	7501.8	7189.4	6867.7	6534.5	6166.6	5754.7	5317.4	4884.7	4405.7
2.5°	7915.9	7723.9	7462.4	7161.6	6835.3	6502.1	6136.5	5713.1	5275.8	4843.1	4361.8
0°	7899.8	7661.4	7397.6	7129.2	6782.1	6430.4	6067.1	5634.4	5199.4	4764.4	4285.4
-2.5°	7793.3	7541.1	7277.3	6985.7	6680.3	6326.3	5944.5	5521.0	5090.6	4662.6	4202.1
-5°	7712.3	7432.3	7152.4	6837.7	6529.9	6175.9	5780.2	5368.3	4947.2	4530.7	4086.4
-7.5°	7603.6	7316.6	7022.8	6694.2	6361.0	6000.0	5609.0	5197.1	4782.9	4368.7	3942.9
-10°	7383.7	7131.5	6856.2	6516.0	6164.3	5803.3	5414.6	5009.7	4595.5	4176.6	3748.6
-12.5°	7117.6	6851.5	6550.7	6238.4	5923.7	5588.1	5199.4	4801.4	4384.9	3963.8	3538.0
-15°	6772.9	6511.4	6203.6	5898.2	5595.1	5273.4	4931.0	4572.3	4148.9	3734.7	3308.9
-17.5°	6342.5	6097.2	5821.8	5530.3	5229.5	4905.5	4572.3	4269.2	3873.5	3484.8	3063.6
-20°	5879.7	5650.6	5403.0	5127.7	4826.9	4509.8	4195.2	3878.1	3535.7	3193.2	2802.2



REPORT NUMBER: P722260

CATALOG NUMBER: IFLD-S-SA6B-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5398.4	5167.0	4917.1	4660.3	4382.6	4088.7	3797.2	3494.0	3193.2	2883.2	2552.3
-25°	4843.1	4639.4	4410.3	4160.4	3912.9	3656.0	3378.3	3103.0	2846.1	2577.7	2307.0
-27.5°	4262.3	4074.8	3866.6	3649.1	3436.2	3221.0	2980.3	2725.8	2512.9	2290.8	2066.3
-30°	3651.4	3501.0	3332.1	3142.3	2978.0	2804.5	2603.2	2392.6	2198.2	2029.3	1848.8
-32.5°	3072.9	2945.6	2825.3	2700.4	2538.4	2404.2	2265.3	2110.3	1939.1	1779.4	1649.8
-35°	2575.4	2438.9	2388.0	2295.4	2179.7	2061.7	1959.9	1848.8	1719.2	1578.1	1471.7
-37.5°	2156.6	2075.6	2003.9	1953.0	1876.6	1781.7	1700.7	1619.7	1520.3	1413.8	1307.4
-40°	1830.3	1774.8	1696.1	1670.7	1622.1	1557.3	1474.0	1411.5	1344.4	1263.4	1173.2
-42.5°	1568.8	1527.2	1476.3	1432.3	1411.5	1365.2	1300.4	1240.3	1187.0	1131.5	1062.1
-45°	1353.6	1325.9	1293.5	1254.1	1238.0	1200.9	1154.7	1087.5	1057.5	1011.2	960.3
-47.5°	1180.1	1166.2	1143.1	1117.6	1094.5	1066.7	1025.1	983.4	941.8	911.7	872.4
-50°	1043.6	1034.3	1020.4	999.6	969.5	951.0	923.3	886.2	846.9	821.4	793.7
-52.5°	934.8	925.6	916.3	900.1	877.0	858.5	835.3	805.2	772.9	747.4	724.3
-55°	851.5	837.6	830.7	816.8	798.3	777.5	756.7	735.8	708.1	684.9	661.8
-57.5°	786.7	768.2	759.0	747.4	728.9	708.1	691.9	671.0	652.5	627.1	606.2
-60°	735.8	715.0	696.5	684.9	668.7	647.9	631.7	615.5	597.0	576.2	550.7
-62.5°	694.2	668.7	643.3	629.4	613.2	594.7	578.5	562.3	543.8	522.9	499.8
-65°	654.8	624.8	592.4	578.5	562.3	543.8	522.9	511.4	495.2	476.7	453.5
-67.5°	606.2	573.9	546.1	529.9	513.7	497.5	479.0	467.4	451.2	428.1	404.9
-70°	534.5	513.7	495.2	481.3	467.4	453.5	435.0	416.5	398.0	377.2	356.3
-72.5°	444.3	437.3	435.0	428.1	411.9	395.7	377.2	358.7	342.5	326.3	310.1
-75°	358.7	363.3	367.9	365.6	349.4	333.2	317.0	300.8	289.2	275.4	261.5
-77.5°	284.6	289.2	293.9	293.9	282.3	273.0	261.5	249.9	240.6	229.1	215.2
-80°	219.8	226.8	233.7	238.3	229.1	222.1	212.9	203.6	194.4	185.1	175.9
-82.5°	166.6	173.5	180.5	185.1	178.2	173.5	166.6	159.7	152.7	143.5	136.5
-85°	120.3	125.0	129.6	131.9	127.3	122.6	118.0	113.4	108.8	101.8	97.2
-87.5°	69.4	71.7	74.0	76.4	71.7	67.1	64.8	60.2	57.8	53.2	50.9
-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-SA6B-930-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°	57.8	53.2	48.6	46.3	41.7	34.7	30.1	25.5	20.8	16.2	13.9
85°	122.6	111.1	97.2	90.2	81.0	71.7	62.5	53.2	44.0	34.7	25.5
82.5°	210.6	196.7	182.8	166.6	145.8	120.3	94.9	78.7	64.8	50.9	39.3
80°	317.0	291.6	268.4	247.6	224.5	192.1	157.3	125.0	87.9	67.1	50.9
77.5°	439.6	409.6	377.2	342.5	305.4	261.5	222.1	180.5	136.5	92.6	64.8
75°	578.5	539.1	495.2	446.6	398.0	340.1	284.6	236.0	185.1	129.6	78.7
72.5°	733.5	684.9	631.7	566.9	490.6	423.4	356.3	291.6	231.4	164.3	106.4
70°	932.5	856.2	777.5	708.1	610.9	504.4	425.8	351.7	275.4	201.3	134.2
67.5°	1145.4	1052.8	958.0	856.2	733.5	608.6	495.2	411.9	321.6	236.0	159.7
65°	1376.8	1261.1	1140.8	1027.4	858.5	710.4	583.1	469.7	365.6	268.4	185.1
62.5°	1615.1	1478.6	1339.8	1191.7	997.3	814.5	666.4	534.5	407.3	298.5	208.3
60°	1869.7	1710.0	1541.1	1356.0	1129.2	927.9	745.1	601.6	451.2	328.6	233.7
57.5°	2138.1	1964.5	1765.5	1515.6	1265.7	1036.6	835.3	661.8	490.6	356.3	252.2
55°	2429.6	2230.6	2013.1	1682.2	1399.9	1145.4	925.6	721.9	532.2	379.5	270.7
52.5°	2744.3	2512.9	2237.6	1858.1	1541.1	1256.5	1008.9	775.2	571.5	404.9	286.9
50°	3096.0	2804.5	2434.3	2020.1	1663.7	1360.6	1092.2	833.0	603.9	432.7	300.8
47.5°	3461.6	3146.9	2610.1	2170.5	1788.7	1462.4	1177.8	883.9	636.3	455.8	314.7
45°	3843.4	3385.3	2792.9	2304.7	1897.4	1555.0	1242.6	930.2	675.7	476.7	326.3
42.5°	4220.6	3565.8	2952.6	2438.9	1999.2	1638.3	1295.8	974.2	708.1	497.5	337.8
40°	4398.8	3702.3	3079.8	2531.4	2084.8	1712.3	1342.1	1013.5	735.8	511.4	349.4
37.5°	4472.8	3785.6	3163.1	2619.4	2152.0	1751.6	1381.4	1048.2	759.0	525.3	358.7
35°	4489.0	3815.7	3204.8	2679.5	2207.5	1788.7	1411.5	1073.7	777.5	539.1	367.9
32.5°	4458.9	3806.4	3216.4	2700.4	2242.2	1816.4	1432.3	1092.2	791.4	553.0	377.2
30°	4391.8	3757.8	3174.7	2698.0	2267.6	1832.6	1446.2	1106.1	805.2	562.3	381.8
27.5°	4283.1	3672.2	3121.5	2700.4	2281.5	1839.6	1453.1	1113.0	814.5	569.2	391.1
25°	4148.9	3556.5	3123.8	2695.7	2283.8	1841.9	1453.1	1113.0	816.8	571.5	398.0
22.5°	3993.8	3556.5	3123.8	2688.8	2270.0	1837.3	1446.2	1108.4	816.8	576.2	404.9
20°	4003.1	3558.8	3116.9	2674.9	2249.1	1823.4	1430.0	1096.8	809.9	583.1	409.6
17.5°	4010.0	3554.2	3103.0	2656.4	2221.4	1800.2	1409.2	1080.6	809.9	590.1	411.9
15°	4010.0	3540.3	3082.2	2628.6	2186.7	1767.8	1379.1	1066.7	812.2	592.4	416.5
12.5°	4003.1	3514.9	3049.8	2591.6	2145.0	1728.5	1360.6	1062.1	812.2	594.7	416.5
10°	3989.2	3480.1	3008.1	2545.3	2105.7	1714.6	1351.3	1052.8	807.6	594.7	416.5
7.5°	3963.8	3438.5	2973.4	2517.6	2082.5	1698.4	1337.5	1039.0	800.6	590.1	421.1
5°	3924.4	3415.4	2945.6	2485.2	2050.1	1686.9	1328.2	1027.4	796.0	590.1	416.5
2.5°	3873.5	3387.6	2913.2	2443.5	2013.1	1647.5	1298.1	1001.9	779.8	580.8	411.9
0°	3790.2	3332.1	2857.7	2385.7	1962.2	1608.2	1268.0	976.5	763.6	571.5	407.3
-2.5°	3713.9	3258.0	2786.0	2325.5	1913.6	1573.5	1244.9	962.6	756.7	569.2	404.9
-5°	3607.4	3156.2	2691.1	2246.8	1848.8	1538.8	1221.8	946.4	749.7	564.6	404.9
-7.5°	3489.4	3049.8	2591.6	2165.8	1784.0	1478.6	1177.8	920.9	733.5	555.3	402.6
-10°	3306.6	2890.1	2466.6	2073.3	1714.6	1425.4	1140.8	897.8	719.6	546.1	393.4
-12.5°	3112.2	2714.2	2323.2	1959.9	1635.9	1369.8	1099.1	872.4	703.4	536.8	388.7
-15°	2906.3	2533.8	2172.8	1841.9	1550.3	1302.7	1055.2	844.6	687.2	525.3	381.8
-17.5°	2691.1	2344.0	2017.7	1721.6	1464.7	1233.3	1008.9	819.1	668.7	513.7	374.9
-20°	2464.3	2149.6	1860.4	1598.9	1374.5	1163.9	960.3	789.0	647.9	499.8	365.6



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CATALOG NUMBER: IFLD-S-SA6B-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2239.9	1957.6	1698.4	1478.6	1281.9	1092.2	911.7	759.0	624.8	483.6	358.7
-25°	2040.9	1777.1	1555.0	1362.9	1191.7	1022.8	860.8	728.9	599.3	467.4	349.4
-27.5°	1846.5	1622.1	1413.8	1254.1	1103.7	955.7	812.2	696.5	573.9	448.9	340.1
-30°	1666.0	1474.0	1302.7	1147.7	1020.4	895.5	770.5	664.1	546.1	430.4	328.6
-32.5°	1501.7	1346.7	1203.2	1055.2	941.8	835.3	731.2	631.7	518.3	411.9	317.0
-35°	1349.0	1228.7	1103.7	978.8	863.1	779.8	689.6	597.0	492.9	391.1	305.4
-37.5°	1212.5	1115.3	1015.8	909.4	809.9	726.6	650.2	562.3	467.4	372.5	293.9
-40°	1094.5	1015.8	927.9	842.3	759.0	680.3	610.9	527.6	442.0	358.7	282.3
-42.5°	985.7	925.6	853.8	782.1	708.1	638.6	571.5	490.6	416.5	342.5	270.7
-45°	902.4	842.3	784.4	719.6	657.2	597.0	529.9	458.2	393.4	323.9	259.2
-47.5°	823.8	770.5	717.3	664.1	613.2	557.7	490.6	430.4	367.9	307.8	249.9
-50°	754.3	703.4	657.2	610.9	566.9	513.7	451.2	402.6	347.1	291.6	238.3
-52.5°	689.6	645.6	599.3	562.3	525.3	472.0	421.1	374.9	326.3	273.0	226.8
-55°	631.7	590.1	548.4	513.7	479.0	432.7	391.1	351.7	305.4	259.2	215.2
-57.5°	576.2	541.5	502.1	469.7	435.0	398.0	363.3	326.3	284.6	245.3	203.6
-60°	525.3	492.9	458.2	425.8	395.7	365.6	333.2	303.1	266.1	229.1	192.1
-62.5°	474.4	446.6	416.5	384.1	361.0	333.2	307.8	277.7	247.6	215.2	171.2
-65°	428.1	402.6	374.9	347.1	326.3	305.4	282.3	254.5	229.1	199.0	152.7
-67.5°	381.8	358.7	335.5	312.4	293.9	277.7	254.5	233.7	212.9	180.5	134.2
-70°	337.8	319.3	298.5	280.0	266.1	247.6	231.4	212.9	194.4	157.3	113.4
-72.5°	296.2	277.7	261.5	247.6	236.0	219.8	205.9	192.1	166.6	131.9	94.9
-75°	247.6	236.0	226.8	215.2	203.6	192.1	180.5	164.3	138.8	106.4	74.0
-77.5°	203.6	196.7	189.7	180.5	171.2	162.0	148.1	131.9	111.1	83.3	60.2
-80°	166.6	159.7	155.0	145.8	138.8	129.6	115.7	101.8	81.0	64.8	48.6
-82.5°	127.3	122.6	118.0	113.4	106.4	97.2	83.3	71.7	60.2	48.6	37.0
-85°	90.2	87.9	83.3	78.7	71.7	64.8	55.5	48.6	41.7	32.4	25.5
-87.5°	46.3	44.0	41.7	39.3	37.0	32.4	27.8	23.1	20.8	16.2	11.6
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.3	6.9	2.3	0.0
85°	18.5	11.6	4.6	0.0
82.5°	27.8	18.5	6.9	0.0
80°	37.0	23.1	11.6	0.0
77.5°	46.3	27.8	13.9	0.0
75°	55.5	34.7	16.2	0.0
72.5°	62.5	39.3	18.5	0.0
70°	74.0	46.3	20.8	0.0
67.5°	92.6	50.9	23.1	0.0
65°	108.8	55.5	25.5	0.0
62.5°	127.3	60.2	27.8	0.0
60°	143.5	64.8	30.1	0.0
57.5°	159.7	76.4	32.4	0.0
55°	173.5	85.6	34.7	0.0
52.5°	189.7	94.9	37.0	0.0
50°	203.6	104.1	39.3	0.0
47.5°	215.2	113.4	39.3	0.0
45°	224.5	120.3	41.7	0.0
42.5°	231.4	127.3	44.0	0.0
40°	238.3	134.2	46.3	0.0
37.5°	245.3	141.1	46.3	0.0
35°	252.2	148.1	48.6	0.0
32.5°	259.2	155.0	48.6	0.0
30°	263.8	159.7	50.9	0.0
27.5°	270.7	164.3	50.9	0.0
25°	273.0	168.9	53.2	0.0
22.5°	277.7	171.2	53.2	0.0
20°	282.3	175.9	53.2	0.0
17.5°	284.6	178.2	55.5	0.0
15°	284.6	180.5	57.8	0.0
12.5°	286.9	182.8	57.8	0.0
10°	286.9	187.4	55.5	0.0
7.5°	291.6	185.1	55.5	0.0
5°	289.2	185.1	55.5	0.0
2.5°	286.9	182.8	55.5	0.0
0°	284.6	182.8	55.5	0.0
-2.5°	284.6	182.8	55.5	0.0
-5°	284.6	182.8	55.5	0.0
-7.5°	282.3	185.1	55.5	0.0
-10°	277.7	185.1	55.5	0.0
-12.5°	275.4	178.2	55.5	0.0
-15°	273.0	175.9	55.5	0.0
-17.5°	268.4	173.5	53.2	0.0
-20°	263.8	171.2	53.2	0.0



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CATALOG NUMBER: IFLD-S-SA6B-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	259.2	166.6	53.2	0.0
-25°	254.5	162.0	50.9	0.0
-27.5°	249.9	157.3	50.9	0.0
-30°	243.0	152.7	48.6	0.0
-32.5°	236.0	148.1	48.6	0.0
-35°	231.4	141.1	46.3	0.0
-37.5°	224.5	134.2	46.3	0.0
-40°	217.5	127.3	44.0	0.0
-42.5°	210.6	120.3	41.7	0.0
-45°	201.3	113.4	41.7	0.0
-47.5°	194.4	106.4	39.3	0.0
-50°	182.8	97.2	37.0	0.0
-52.5°	168.9	87.9	34.7	0.0
-55°	155.0	81.0	32.4	0.0
-57.5°	141.1	71.7	32.4	0.0
-60°	127.3	62.5	30.1	0.0
-62.5°	113.4	57.8	27.8	0.0
-65°	99.5	53.2	25.5	0.0
-67.5°	83.3	46.3	23.1	0.0
-70°	69.4	41.7	20.8	0.0
-72.5°	60.2	37.0	18.5	0.0
-75°	50.9	32.4	16.2	0.0
-77.5°	44.0	27.8	13.9	0.0
-80°	34.7	20.8	9.3	0.0
-82.5°	25.5	16.2	6.9	0.0
-85°	16.2	11.6	4.6	0.0
-87.5°	9.3	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)