

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: P722241

Luminaire Tested: **IFLD-L-SA7B-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722241
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

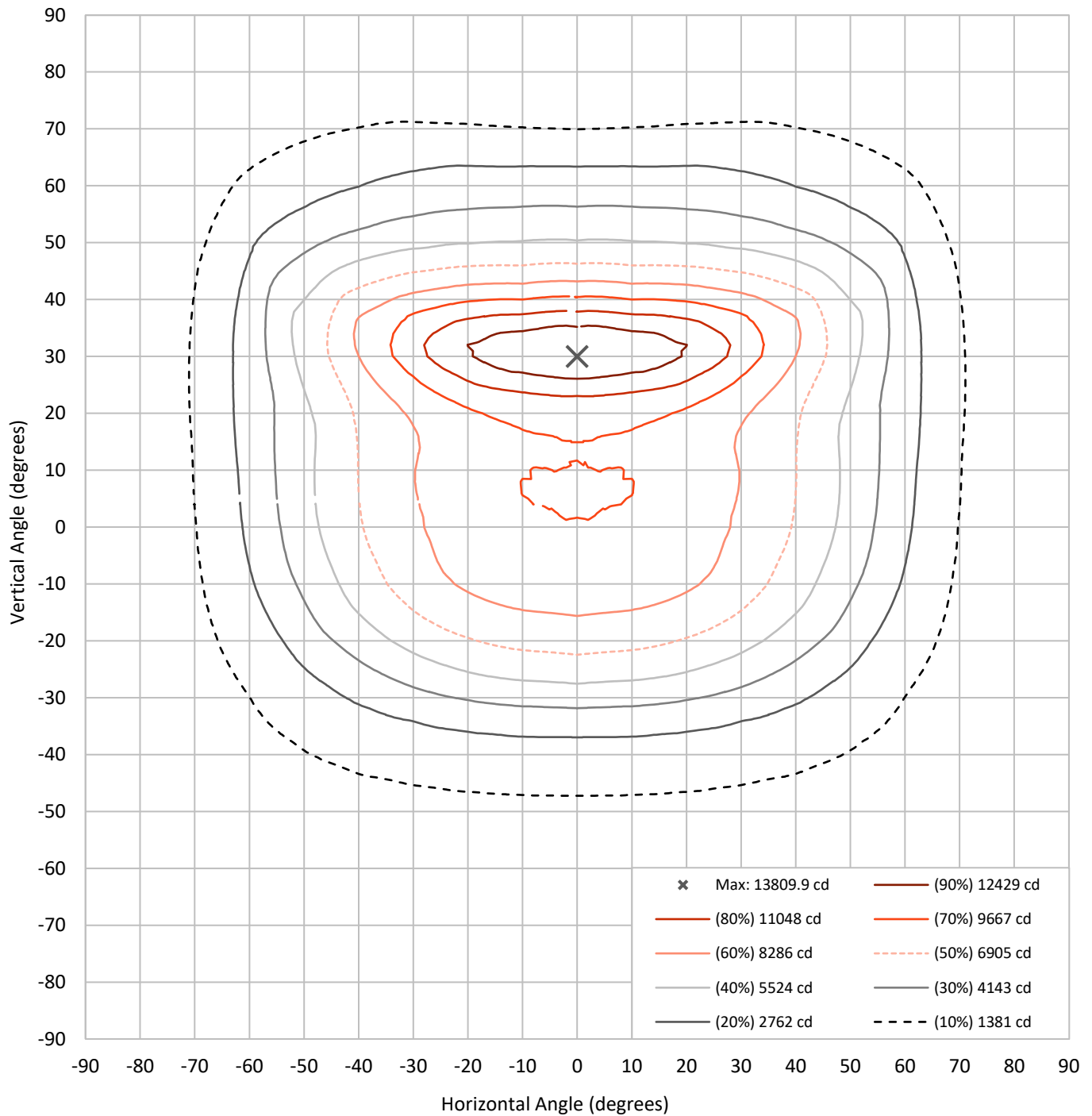
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23052.2 lumens	Max Intensity:	13809.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13405.1 lumens	Field Lumens:	21602.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 281
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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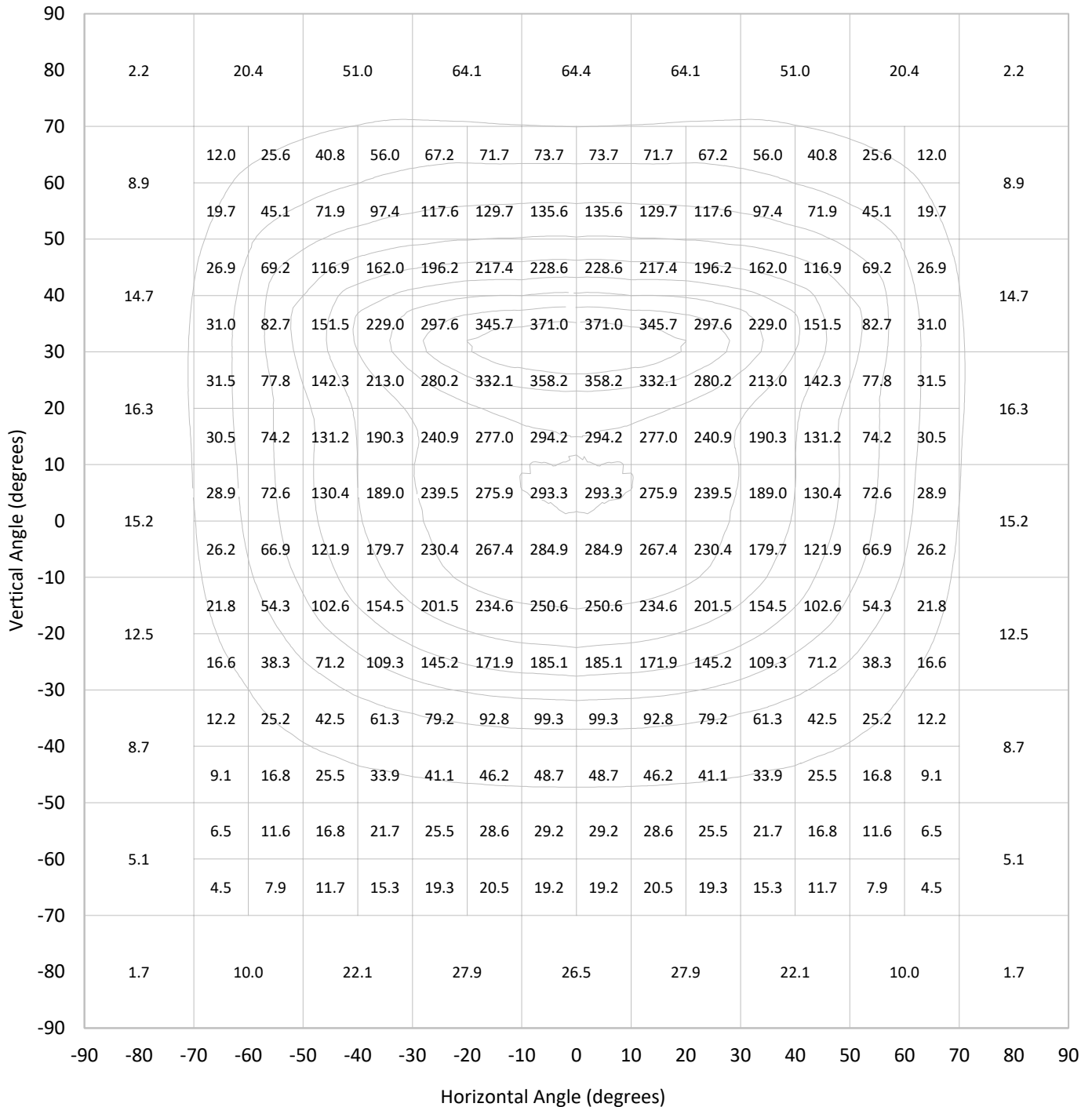
Iso-Candela Plot





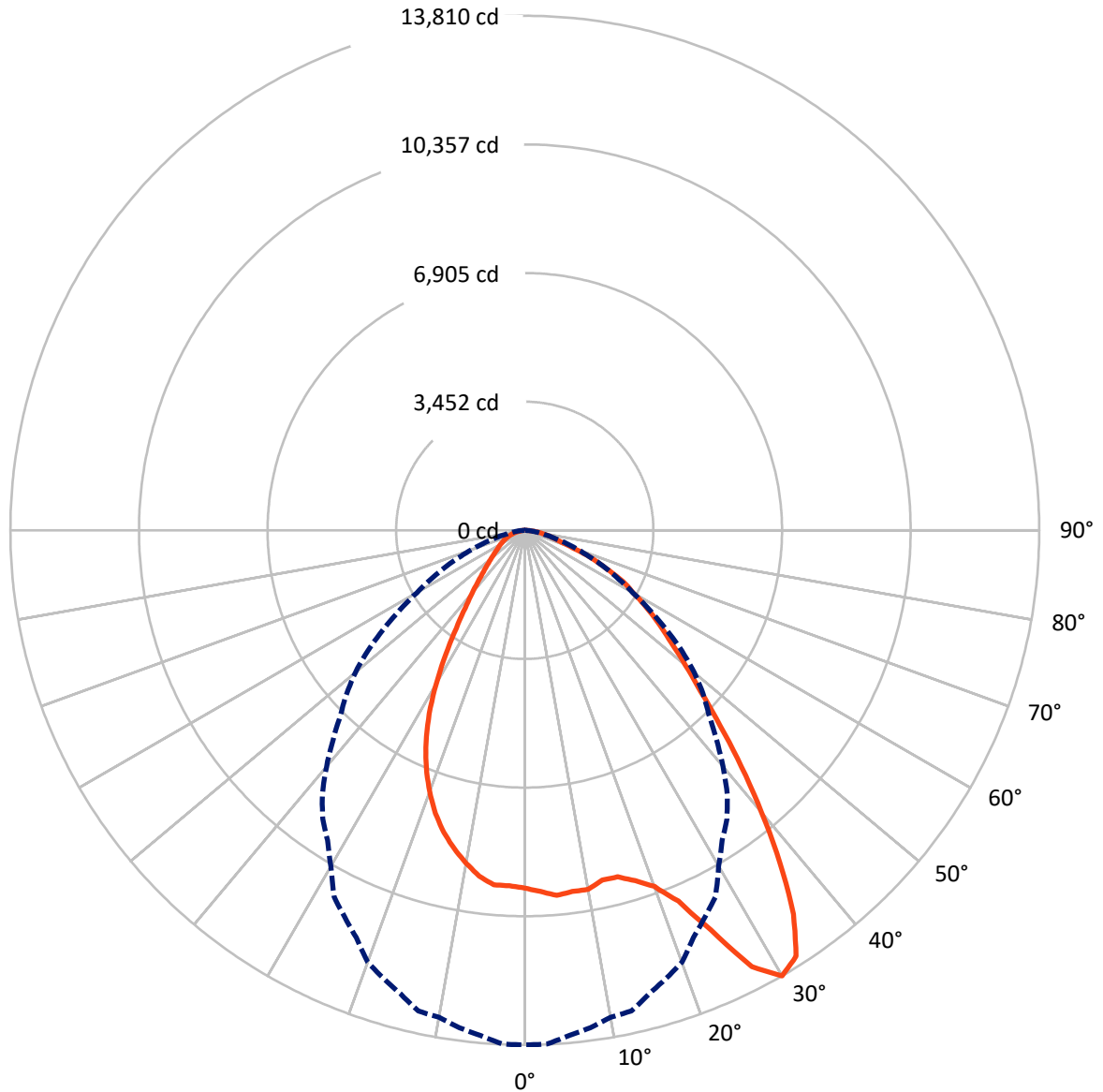
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Lumen Table



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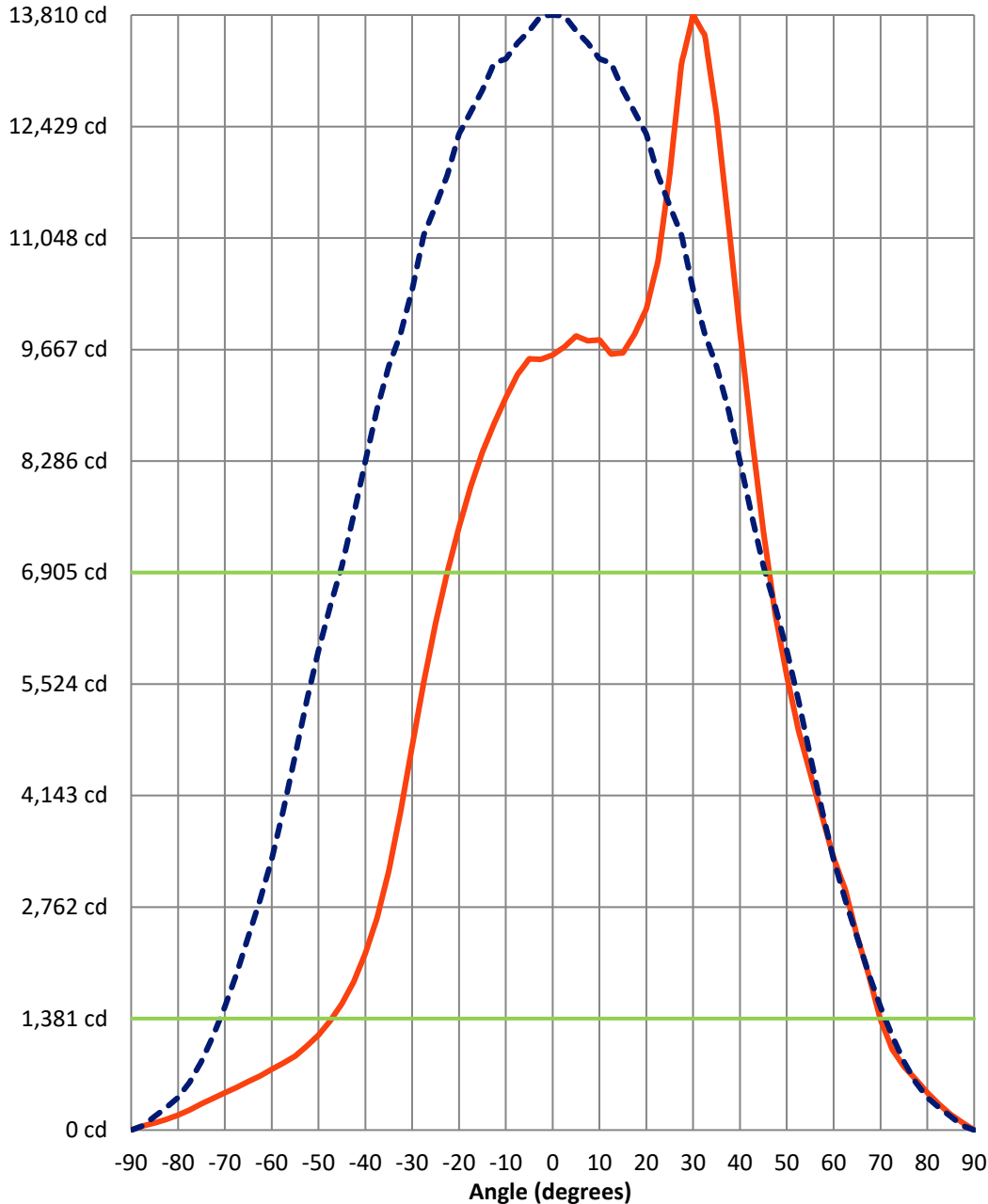
Luminous Intensity Polar Plot



— 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: 13405.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21602.9
 Efficiency: 93.7%

Spill:
 Lumens: 1449.3
 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°	92.8	95.2	97.7	97.7	95.2	95.2	95.2	92.8	95.2	95.2	95.2
85°	192.9	197.8	202.7	200.2	197.8	192.9	188.0	190.5	192.9	195.4	195.4
82.5°	319.9	327.2	332.1	329.7	324.8	319.9	315.0	317.5	322.4	324.8	324.8
80°	464.0	466.4	468.9	473.8	466.4	466.4	464.0	473.8	478.6	483.5	488.4
77.5°	630.1	632.5	632.5	634.9	637.4	639.8	639.8	656.9	669.1	676.5	683.8
75°	786.3	793.7	801.0	808.3	818.1	823.0	830.3	854.7	874.3	888.9	903.6
72.5°	1001.2	1011.0	1023.2	1040.3	1057.4	1069.6	1086.7	1116.0	1138.0	1152.7	1169.7
70°	1370.0	1379.8	1392.0	1404.2	1421.3	1433.5	1450.6	1487.2	1509.2	1519.0	1528.7
67.5°	1917.0	1941.4	1963.4	1939.0	1926.8	1909.7	1914.6	1948.8	1970.7	1985.4	1983.0
65°	2403.0	2420.1	2420.1	2417.6	2407.9	2385.9	2398.1	2439.6	2464.0	2476.3	2439.6
62.5°	2974.4	2974.4	2962.2	2981.8	2984.2	2969.6	2962.2	2964.7	2967.1	2974.4	2913.4
60°	3370.1	3394.5	3401.8	3418.9	3423.8	3423.8	3436.0	3445.8	3445.8	3431.1	3360.3
57.5°	3892.7	3939.1	3948.8	3936.6	3912.2	3880.4	3875.6	3860.9	3831.6	3802.3	3768.1
55°	4420.1	4444.6	4442.1	4434.8	4410.4	4373.7	4378.6	4359.1	4312.7	4276.1	4229.7
52.5°	4950.1	5008.7	5018.4	5003.8	4969.6	4930.5	4933.0	4911.0	4864.6	4825.5	4762.0
50°	5626.5	5675.4	5670.5	5646.1	5597.2	5567.9	5570.4	5528.8	5475.1	5462.9	5379.9
47.5°	6400.7	6456.8	6447.1	6412.9	6346.9	6334.7	6346.9	6293.2	6261.5	6234.6	6136.9
45°	7416.6	7482.5	7445.9	7379.9	7274.9	7287.1	7304.2	7294.5	7226.1	7155.3	7030.7
42.5°	8608.3	8649.8	8605.8	8539.9	8408.0	8432.5	8422.7	8364.1	8322.6	8205.3	8046.6
40°	9883.0	9973.4	9905.0	9802.5	9665.7	9702.3	9675.5	9599.8	9502.1	9355.6	9155.3
37.5°	11257.9	11328.7	11250.6	11130.9	11008.8	10996.6	10942.9	10825.7	10686.5	10525.3	10205.4
35°	12574.2	12757.4	12613.3	12422.8	12273.8	12217.7	12166.4	11895.3	11736.6	11475.3	11038.1
32.5°	13553.5	13687.8	13509.5	13311.7	13131.0	13052.8	12872.1	12549.8	12464.3	11914.8	11514.3
30°	13809.9	13800.1	13614.5	13463.1	13267.7	13214.0	12881.9	12608.4	12334.9	11826.9	11446.0
27.5°	13199.4	13138.3	12960.0	12828.2	12635.3	12571.8	12244.5	12098.0	11675.5	11245.7	10923.4
25°	11839.1	11870.9	11736.6	11670.6	11543.6	11406.9	11277.5	11079.7	10815.9	10439.8	10144.3
22.5°	10767.1	10808.6	10752.4	10674.3	10576.6	10500.9	10403.2	10249.4	9995.4	9763.4	9485.0
20°	10171.2	10159.0	10110.2	10051.5	9958.7	9905.0	9797.6	9668.1	9472.8	9272.5	8972.2
17.5°	9858.6	9782.9	9736.5	9714.5	9665.7	9597.3	9470.3	9338.5	9187.1	8959.9	8740.2
15°	9626.6	9638.8	9602.2	9585.1	9546.0	9450.8	9321.4	9213.9	9008.8	8894.0	8693.8
12.5°	9612.0	9599.8	9602.2	9594.9	9546.0	9423.9	9358.0	9221.2	9089.4	8938.0	8708.4
10°	9785.4	9655.9	9665.7	9699.9	9621.7	9524.1	9453.2	9304.3	9179.7	8986.8	8759.7
7.5°	9775.6	9709.7	9729.2	9673.0	9697.4	9577.8	9480.1	9331.1	9174.8	8969.7	8764.6
5°	9834.2	9734.1	9717.0	9721.9	9660.8	9570.5	9438.6	9296.9	9150.4	8920.9	8710.9
2.5°	9699.9	9714.5	9636.4	9607.1	9599.8	9448.4	9326.3	9189.5	9038.1	8835.4	8647.4
0°	9599.8	9626.6	9546.0	9504.5	9502.1	9372.7	9294.5	9138.2	9030.8	8862.3	8635.1
-2.5°	9546.0	9577.8	9587.6	9511.8	9438.6	9338.5	9206.6	9038.1	8862.3	8666.9	8471.5
-5°	9550.9	9487.4	9460.6	9485.0	9421.5	9321.4	9174.8	9025.9	8852.5	8642.5	8398.3
-7.5°	9358.0	9294.5	9289.6	9277.4	9262.8	9167.5	9045.4	8884.2	8708.4	8513.0	8285.9
-10°	9069.8	9023.4	9011.2	8999.0	8959.9	8903.8	8789.0	8642.5	8483.7	8288.4	8046.6
-12.5°	8749.9	8727.9	8681.5	8649.8	8610.7	8544.8	8434.9	8300.6	8141.8	7968.5	7760.9
-15°	8395.8	8354.3	8307.9	8281.0	8224.9	8146.7	8036.8	7912.3	7738.9	7568.0	7372.6
-17.5°	7968.5	7917.2	7865.9	7858.6	7819.5	7699.8	7597.3	7445.9	7294.5	7130.8	6940.4
-20°	7465.4	7394.6	7360.4	7340.9	7287.1	7199.2	7089.3	6950.1	6803.6	6647.3	6427.5



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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°	6908.6	6847.6	6788.9	6752.3	6705.9	6637.5	6532.5	6410.4	6266.3	6090.5	5887.8
-25°	6276.1	6190.6	6154.0	6112.5	6088.1	6024.6	5922.0	5809.7	5660.7	5489.8	5296.8
-27.5°	5553.3	5484.9	5465.3	5406.7	5377.4	5311.5	5226.0	5121.0	4984.3	4823.1	4664.3
-30°	4754.7	4713.2	4681.4	4622.8	4600.9	4530.0	4473.9	4386.0	4261.4	4146.6	4019.6
-32.5°	3934.2	3892.7	3882.9	3856.0	3841.4	3795.0	3731.5	3668.0	3567.9	3482.4	3379.8
-35°	3206.4	3177.1	3179.6	3177.1	3162.5	3128.3	3050.1	3033.0	2959.8	2881.6	2815.7
-37.5°	2625.2	2627.7	2625.2	2622.8	2603.2	2588.6	2532.4	2510.4	2466.5	2390.8	2351.7
-40°	2188.1	2193.0	2190.5	2185.6	2163.7	2156.3	2119.7	2090.4	2073.3	2019.6	1978.1
-42.5°	1834.0	1841.3	1838.9	1836.4	1821.8	1819.3	1799.8	1765.6	1755.8	1724.1	1680.1
-45°	1565.4	1562.9	1558.0	1562.9	1555.6	1548.3	1536.1	1514.1	1501.9	1487.2	1450.6
-47.5°	1352.9	1355.3	1350.5	1350.5	1340.7	1333.4	1328.5	1313.8	1304.1	1291.9	1269.9
-50°	1177.1	1186.8	1184.4	1182.0	1174.6	1169.7	1169.7	1155.1	1140.4	1135.6	1120.9
-52.5°	1040.3	1047.6	1050.1	1055.0	1057.4	1059.9	1052.5	1037.9	1013.5	1011.0	1003.7
-55°	915.8	937.8	952.4	962.2	971.9	979.3	964.6	945.1	920.7	910.9	908.4
-57.5°	830.3	852.3	869.4	884.0	896.2	908.4	893.8	874.3	852.3	840.1	837.6
-60°	752.2	771.7	788.8	808.3	825.4	845.0	837.6	823.0	810.8	801.0	791.2
-62.5°	669.1	688.7	708.2	732.6	754.6	774.1	776.6	774.1	771.7	774.1	757.0
-65°	600.7	610.5	622.7	649.6	674.0	696.0	708.2	715.5	727.7	739.9	722.9
-67.5°	527.5	539.7	554.3	573.9	593.4	608.1	625.2	644.7	664.2	683.8	671.6
-70°	461.6	471.3	483.5	493.3	505.5	515.3	529.9	551.9	573.9	593.4	588.5
-72.5°	393.2	402.9	410.3	415.2	422.5	427.4	434.7	454.2	468.9	478.6	478.6
-75°	324.8	334.6	341.9	344.3	349.2	351.7	356.5	363.9	371.2	373.6	376.1
-77.5°	249.1	258.9	266.2	271.1	276.0	280.8	283.3	288.2	290.6	290.6	293.0
-80°	185.6	192.9	197.8	205.1	207.6	212.5	217.3	219.8	222.2	222.2	224.7
-82.5°	131.9	136.8	141.6	146.5	151.4	153.9	158.7	161.2	163.6	166.1	168.5
-85°	87.9	92.8	97.7	102.6	105.0	107.5	109.9	112.3	114.8	117.2	119.7
-87.5°	51.3	53.7	56.2	61.1	63.5	68.4	70.8	68.4	70.8	70.8	70.8
-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°	95.2	95.2	95.2	95.2	92.8	87.9	85.5	80.6	75.7	70.8	65.9
85°	197.8	200.2	200.2	200.2	195.4	192.9	185.6	178.3	168.5	153.9	141.6
82.5°	329.7	332.1	332.1	329.7	324.8	317.5	307.7	295.5	276.0	256.4	239.3
80°	495.7	498.2	498.2	495.7	483.5	471.3	459.1	444.5	420.0	393.2	363.9
77.5°	693.5	698.4	698.4	691.1	674.0	659.4	639.8	615.4	578.8	539.7	500.6
75°	923.1	935.3	937.8	930.4	908.4	881.6	849.8	808.3	752.2	703.3	656.9
72.5°	1189.3	1201.5	1211.3	1201.5	1169.7	1133.1	1086.7	1037.9	981.7	915.8	837.6
70°	1538.5	1550.7	1558.0	1526.3	1470.1	1409.1	1352.9	1296.7	1230.8	1150.2	1064.7
67.5°	1978.1	1965.9	1951.2	1887.7	1816.9	1743.6	1665.5	1582.5	1497.0	1411.5	1311.4
65°	2400.6	2366.4	2334.6	2258.9	2168.6	2073.3	1983.0	1890.2	1787.6	1680.1	1584.9
62.5°	2845.0	2771.7	2693.6	2600.8	2508.0	2403.0	2312.6	2202.7	2088.0	1956.1	1834.0
60°	3282.1	3194.2	3116.1	3001.3	2879.2	2737.6	2639.9	2532.4	2398.1	2256.5	2112.4
57.5°	3704.6	3609.4	3523.9	3423.8	3291.9	3138.1	3030.6	2891.4	2749.8	2571.5	2425.0
55°	4154.0	4058.7	3990.3	3878.0	3733.9	3592.3	3475.1	3328.5	3130.7	2940.2	2759.5
52.5°	4669.2	4593.5	4520.3	4405.5	4232.1	4088.0	3958.6	3795.0	3587.4	3353.0	3135.6
50°	5245.6	5206.5	5128.3	4994.0	4796.2	4669.2	4498.3	4280.9	4058.7	3812.1	3541.0
47.5°	6009.9	5946.4	5836.5	5690.0	5524.0	5333.5	5103.9	4849.9	4534.9	4261.4	3973.2
45°	6923.3	6806.0	6664.4	6466.6	6261.5	6046.6	5795.0	5472.7	5050.2	4693.7	4390.8
42.5°	7912.3	7753.6	7560.6	7301.8	7035.6	6771.8	6500.8	6061.2	5533.7	5123.5	4781.6
40°	8945.3	8742.6	8500.8	8124.8	7829.3	7489.8	7179.7	6522.8	5961.1	5516.6	5152.8
37.5°	9956.3	9699.9	9294.5	8837.8	8493.5	8215.1	7533.8	6830.5	6327.4	5839.0	5470.2
35°	10730.4	10513.1	9797.6	9323.8	9028.3	8588.7	7736.5	7016.1	6483.7	6078.3	5504.4
32.5°	11189.5	10627.9	10000.3	9521.6	9277.4	8557.0	7751.1	7069.8	6556.9	6102.7	5416.5
30°	11087.0	10408.1	9858.6	9458.1	8928.2	8281.0	7614.4	6986.8	6488.6	5939.1	5318.8
27.5°	10469.1	9944.1	9453.2	9035.6	8515.5	7934.3	7318.9	6767.0	6303.0	5770.6	5184.5
25°	9770.7	9294.5	8930.6	8566.8	8073.5	7519.1	6977.0	6578.9	6112.5	5587.4	5008.7
22.5°	9128.4	8786.6	8500.8	8119.9	7638.8	7155.3	6818.2	6405.5	5926.9	5394.5	4828.0
20°	8718.2	8486.2	8158.9	7738.9	7360.4	7057.6	6683.9	6246.8	5753.5	5196.7	4674.1
17.5°	8520.4	8251.7	7887.9	7614.4	7323.8	6991.6	6574.0	6110.0	5585.0	5106.4	4691.2
15°	8417.8	8134.5	7895.2	7626.6	7299.3	6950.1	6486.1	6005.0	5585.0	5143.0	4703.4
12.5°	8439.8	8195.6	7934.3	7641.2	7289.6	6915.9	6495.9	6049.0	5614.3	5169.9	4705.9
10°	8508.2	8251.7	7973.3	7648.6	7294.5	6925.7	6522.8	6075.9	5629.0	5182.1	4701.0
7.5°	8532.6	8254.2	7956.3	7629.0	7282.2	6920.8	6527.6	6083.2	5631.4	5179.6	4686.3
5°	8456.9	8205.3	7917.2	7587.5	7248.1	6896.4	6508.1	6073.4	5611.9	5155.2	4649.7
2.5°	8354.3	8151.6	7875.7	7558.2	7213.9	6862.2	6476.4	6029.5	5567.9	5111.2	4603.3
0°	8337.2	8085.7	7807.3	7524.0	7157.7	6786.5	6403.1	5946.4	5487.3	5028.2	4522.7
-2.5°	8224.9	7958.7	7680.3	7372.6	7050.2	6676.6	6273.7	5826.8	5372.5	4920.8	4434.8
-5°	8139.4	7843.9	7548.4	7216.3	6891.5	6517.9	6100.3	5665.6	5221.1	4781.6	4312.7
-7.5°	8024.6	7721.8	7411.7	7064.9	6713.2	6332.3	5919.6	5484.9	5047.8	4610.6	4161.3
-10°	7792.6	7526.4	7235.8	6876.9	6505.7	6124.7	5714.4	5287.1	4849.9	4407.9	3956.1
-12.5°	7511.8	7231.0	6913.5	6583.8	6251.7	5897.6	5487.3	5067.3	4627.7	4183.3	3733.9
-15°	7147.9	6872.0	6547.2	6224.8	5904.9	5565.5	5204.0	4825.5	4378.6	3941.5	3492.2
-17.5°	6693.7	6434.8	6144.2	5836.5	5519.1	5177.2	4825.5	4505.6	4088.0	3677.8	3233.3
-20°	6205.3	5963.5	5702.2	5411.6	5094.2	4759.6	4427.5	4092.9	3731.5	3370.1	2957.3



REPORT NUMBER: P722241

CATALOG NUMBER: IFLD-L-SA7B-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°	5697.3	5453.1	5189.4	4918.3	4625.3	4315.1	4007.4	3687.5	3370.1	3042.8	2693.6
-25°	5111.2	4896.3	4654.6	4390.8	4129.5	3858.5	3565.4	3274.8	3003.7	2720.5	2434.7
-27.5°	4498.3	4300.5	4080.7	3851.1	3626.5	3399.4	3145.4	2876.8	2652.1	2417.6	2180.8
-30°	3853.6	3694.8	3516.6	3316.3	3142.9	2959.8	2747.3	2525.1	2320.0	2141.7	1951.2
-32.5°	3243.1	3108.8	2981.8	2849.9	2678.9	2537.3	2390.8	2227.2	2046.5	1877.9	1741.2
-35°	2718.0	2573.9	2520.2	2422.5	2300.4	2175.9	2068.4	1951.2	1814.5	1665.5	1553.2
-37.5°	2276.0	2190.5	2114.8	2061.1	1980.5	1880.4	1794.9	1709.4	1604.4	1492.1	1379.8
-40°	1931.7	1873.1	1790.0	1763.2	1711.9	1643.5	1555.6	1489.7	1418.8	1333.4	1238.1
-42.5°	1655.7	1611.8	1558.0	1511.6	1489.7	1440.8	1372.4	1308.9	1252.8	1194.2	1120.9
-45°	1428.6	1399.3	1365.1	1323.6	1306.5	1267.4	1218.6	1147.8	1116.0	1067.2	1013.5
-47.5°	1245.5	1230.8	1206.4	1179.5	1155.1	1125.8	1081.8	1037.9	993.9	962.2	920.7
-50°	1101.4	1091.6	1077.0	1055.0	1023.2	1003.7	974.4	935.3	893.8	866.9	837.6
-52.5°	986.6	976.8	967.1	950.0	925.5	906.0	881.6	849.8	815.7	788.8	764.4
-55°	898.7	884.0	876.7	862.0	842.5	820.5	798.6	776.6	747.3	722.9	698.4
-57.5°	830.3	810.8	801.0	788.8	769.3	747.3	730.2	708.2	688.7	661.8	639.8
-60°	776.6	754.6	735.1	722.9	705.8	683.8	666.7	649.6	630.1	608.1	581.2
-62.5°	732.6	705.8	678.9	664.2	647.1	627.6	610.5	593.4	573.9	551.9	527.5
-65°	691.1	659.4	625.2	610.5	593.4	573.9	551.9	539.7	522.6	503.1	478.6
-67.5°	639.8	605.6	576.3	559.2	542.1	525.0	505.5	493.3	476.2	451.8	427.4
-70°	564.1	542.1	522.6	507.9	493.3	478.6	459.1	439.6	420.0	398.1	376.1
-72.5°	468.9	461.6	459.1	451.8	434.7	417.6	398.1	378.5	361.4	344.3	327.2
-75°	378.5	383.4	388.3	385.8	368.8	351.7	334.6	317.5	305.3	290.6	276.0
-77.5°	300.4	305.3	310.1	310.1	297.9	288.2	276.0	263.7	254.0	241.8	227.1
-80°	232.0	239.3	246.6	251.5	241.8	234.4	224.7	214.9	205.1	195.4	185.6
-82.5°	175.8	183.2	190.5	195.4	188.0	183.2	175.8	168.5	161.2	151.4	144.1
-85°	127.0	131.9	136.8	139.2	134.3	129.4	124.5	119.7	114.8	107.5	102.6
-87.5°	73.3	75.7	78.1	80.6	75.7	70.8	68.4	63.5	61.1	56.2	53.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722241
 CATALOG NUMBER: IFLD-L-SA7B-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°	61.1	56.2	51.3	48.8	44.0	36.6	31.7	26.9	22.0	17.1	14.7
85°	129.4	117.2	102.6	95.2	85.5	75.7	65.9	56.2	46.4	36.6	26.9
82.5°	222.2	207.6	192.9	175.8	153.9	127.0	100.1	83.0	68.4	53.7	41.5
80°	334.6	307.7	283.3	261.3	236.9	202.7	166.1	131.9	92.8	70.8	53.7
77.5°	464.0	432.2	398.1	361.4	322.4	276.0	234.4	190.5	144.1	97.7	68.4
75°	610.5	569.0	522.6	471.3	420.0	359.0	300.4	249.1	195.4	136.8	83.0
72.5°	774.1	722.9	666.7	598.3	517.7	446.9	376.1	307.7	244.2	173.4	112.3
70°	984.2	903.6	820.5	747.3	644.7	532.4	449.3	371.2	290.6	212.5	141.6
67.5°	1208.8	1111.1	1011.0	903.6	774.1	642.3	522.6	434.7	339.4	249.1	168.5
65°	1453.0	1330.9	1203.9	1084.3	906.0	749.7	615.4	495.7	385.8	283.3	195.4
62.5°	1704.6	1560.5	1414.0	1257.7	1052.5	859.6	703.3	564.1	429.8	315.0	219.8
60°	1973.2	1804.7	1626.4	1431.1	1191.7	979.3	786.3	634.9	476.2	346.8	246.6
57.5°	2256.5	2073.3	1863.3	1599.6	1335.8	1094.0	881.6	698.4	517.7	376.1	266.2
55°	2564.2	2354.2	2124.6	1775.4	1477.5	1208.8	976.8	761.9	561.7	400.5	285.7
52.5°	2896.3	2652.1	2361.5	1961.0	1626.4	1326.0	1064.7	818.1	603.2	427.4	302.8
50°	3267.5	2959.8	2569.1	2131.9	1755.8	1435.9	1152.7	879.1	637.4	456.7	317.5
47.5°	3653.3	3321.2	2754.7	2290.7	1887.7	1543.4	1243.0	932.9	671.6	481.1	332.1
45°	4056.3	3572.7	2947.6	2432.3	2002.5	1641.1	1311.4	981.7	713.1	503.1	344.3
42.5°	4454.3	3763.2	3116.1	2573.9	2109.9	1729.0	1367.6	1028.1	747.3	525.0	356.5
40°	4642.4	3907.3	3250.4	2671.6	2200.3	1807.1	1416.4	1069.6	776.6	539.7	368.8
37.5°	4720.5	3995.2	3338.3	2764.4	2271.1	1848.6	1457.9	1106.3	801.0	554.3	378.5
35°	4737.6	4027.0	3382.3	2827.9	2329.7	1887.7	1489.7	1133.1	820.5	569.0	388.3
32.5°	4705.9	4017.2	3394.5	2849.9	2366.4	1917.0	1511.6	1152.7	835.2	583.7	398.1
30°	4635.0	3965.9	3350.5	2847.4	2393.2	1934.1	1526.3	1167.3	849.8	593.4	402.9
27.5°	4520.3	3875.6	3294.3	2849.9	2407.9	1941.4	1533.6	1174.6	859.6	600.7	412.7
25°	4378.6	3753.5	3296.8	2845.0	2410.3	1943.9	1533.6	1174.6	862.0	603.2	420.0
22.5°	4215.0	3753.5	3296.8	2837.7	2395.7	1939.0	1526.3	1169.7	862.0	608.1	427.4
20°	4224.8	3755.9	3289.5	2823.0	2373.7	1924.3	1509.2	1157.5	854.7	615.4	432.2
17.5°	4232.1	3751.0	3274.8	2803.5	2344.4	1899.9	1487.2	1140.4	854.7	622.7	434.7
15°	4232.1	3736.4	3252.8	2774.2	2307.8	1865.7	1455.5	1125.8	857.2	625.2	439.6
12.5°	4224.8	3709.5	3218.6	2735.1	2263.8	1824.2	1435.9	1120.9	857.2	627.6	439.6
10°	4210.1	3672.9	3174.7	2686.3	2222.3	1809.6	1426.2	1111.1	852.3	627.6	439.6
7.5°	4183.3	3628.9	3138.1	2657.0	2197.9	1792.5	1411.5	1096.5	845.0	622.7	444.5
5°	4141.7	3604.5	3108.8	2622.8	2163.7	1780.3	1401.7	1084.3	840.1	622.7	439.6
2.5°	4088.0	3575.2	3074.6	2578.8	2124.6	1738.8	1370.0	1057.4	823.0	613.0	434.7
0°	4000.1	3516.6	3016.0	2517.8	2070.9	1697.2	1338.3	1030.6	805.9	603.2	429.8
-2.5°	3919.5	3438.4	2940.2	2454.3	2019.6	1660.6	1313.8	1015.9	798.6	600.7	427.4
-5°	3807.2	3331.0	2840.1	2371.2	1951.2	1624.0	1289.4	998.8	791.2	595.9	427.4
-7.5°	3682.6	3218.6	2735.1	2285.8	1882.8	1560.5	1243.0	971.9	774.1	586.1	424.9
-10°	3489.7	3050.1	2603.2	2188.1	1809.6	1504.3	1203.9	947.5	759.5	576.3	415.2
-12.5°	3284.6	2864.5	2451.8	2068.4	1726.5	1445.7	1160.0	920.7	742.4	566.6	410.3
-15°	3067.2	2674.1	2293.1	1943.9	1636.2	1374.9	1113.6	891.4	725.3	554.3	402.9
-17.5°	2840.1	2473.8	2129.5	1816.9	1545.8	1301.6	1064.7	864.5	705.8	542.1	395.6
-20°	2600.8	2268.7	1963.4	1687.5	1450.6	1228.4	1013.5	832.7	683.8	527.5	385.8



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CATALOG NUMBER: IFLD-L-SA7B-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2363.9	2066.0	1792.5	1560.5	1352.9	1152.7	962.2	801.0	659.4	510.4	378.5
-25°	2153.9	1875.5	1641.1	1438.4	1257.7	1079.4	908.4	769.3	632.5	493.3	368.8
-27.5°	1948.8	1711.9	1492.1	1323.6	1164.9	1008.6	857.2	735.1	605.6	473.8	359.0
-30°	1758.3	1555.6	1374.9	1211.3	1077.0	945.1	813.2	700.9	576.3	454.2	346.8
-32.5°	1584.9	1421.3	1269.9	1113.6	993.9	881.6	771.7	666.7	547.0	434.7	334.6
-35°	1423.7	1296.7	1164.9	1033.0	910.9	823.0	727.7	630.1	520.2	412.7	322.4
-37.5°	1279.6	1177.1	1072.1	959.7	854.7	766.8	686.2	593.4	493.3	393.2	310.1
-40°	1155.1	1072.1	979.3	888.9	801.0	718.0	644.7	556.8	466.4	378.5	297.9
-42.5°	1040.3	976.8	901.1	825.4	747.3	674.0	603.2	517.7	439.6	361.4	285.7
-45°	952.4	888.9	827.9	759.5	693.5	630.1	559.2	483.5	415.2	341.9	273.5
-47.5°	869.4	813.2	757.0	700.9	647.1	588.5	517.7	454.2	388.3	324.8	263.7
-50°	796.1	742.4	693.5	644.7	598.3	542.1	476.2	424.9	366.3	307.7	251.5
-52.5°	727.7	681.3	632.5	593.4	554.3	498.2	444.5	395.6	344.3	288.2	239.3
-55°	666.7	622.7	578.8	542.1	505.5	456.7	412.7	371.2	322.4	273.5	227.1
-57.5°	608.1	571.4	529.9	495.7	459.1	420.0	383.4	344.3	300.4	258.9	214.9
-60°	554.3	520.2	483.5	449.3	417.6	385.8	351.7	319.9	280.8	241.8	202.7
-62.5°	500.6	471.3	439.6	405.4	381.0	351.7	324.8	293.0	261.3	227.1	180.7
-65°	451.8	424.9	395.6	366.3	344.3	322.4	297.9	268.6	241.8	210.0	161.2
-67.5°	402.9	378.5	354.1	329.7	310.1	293.0	268.6	246.6	224.7	190.5	141.6
-70°	356.5	337.0	315.0	295.5	280.8	261.3	244.2	224.7	205.1	166.1	119.7
-72.5°	312.6	293.0	276.0	261.3	249.1	232.0	217.3	202.7	175.8	139.2	100.1
-75°	261.3	249.1	239.3	227.1	214.9	202.7	190.5	173.4	146.5	112.3	78.1
-77.5°	214.9	207.6	200.2	190.5	180.7	170.9	156.3	139.2	117.2	87.9	63.5
-80°	175.8	168.5	163.6	153.9	146.5	136.8	122.1	107.5	85.5	68.4	51.3
-82.5°	134.3	129.4	124.5	119.7	112.3	102.6	87.9	75.7	63.5	51.3	39.1
-85°	95.2	92.8	87.9	83.0	75.7	68.4	58.6	51.3	44.0	34.2	26.9
-87.5°	48.8	46.4	44.0	41.5	39.1	34.2	29.3	24.4	22.0	17.1	12.2
-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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 CATALOG NUMBER: IFLD-L-SA7B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.8	7.3	2.4	0.0
85°	19.5	12.2	4.9	0.0
82.5°	29.3	19.5	7.3	0.0
80°	39.1	24.4	12.2	0.0
77.5°	48.8	29.3	14.7	0.0
75°	58.6	36.6	17.1	0.0
72.5°	65.9	41.5	19.5	0.0
70°	78.1	48.8	22.0	0.0
67.5°	97.7	53.7	24.4	0.0
65°	114.8	58.6	26.9	0.0
62.5°	134.3	63.5	29.3	0.0
60°	151.4	68.4	31.7	0.0
57.5°	168.5	80.6	34.2	0.0
55°	183.2	90.4	36.6	0.0
52.5°	200.2	100.1	39.1	0.0
50°	214.9	109.9	41.5	0.0
47.5°	227.1	119.7	41.5	0.0
45°	236.9	127.0	44.0	0.0
42.5°	244.2	134.3	46.4	0.0
40°	251.5	141.6	48.8	0.0
37.5°	258.9	149.0	48.8	0.0
35°	266.2	156.3	51.3	0.0
32.5°	273.5	163.6	51.3	0.0
30°	278.4	168.5	53.7	0.0
27.5°	285.7	173.4	53.7	0.0
25°	288.2	178.3	56.2	0.0
22.5°	293.0	180.7	56.2	0.0
20°	297.9	185.6	56.2	0.0
17.5°	300.4	188.0	58.6	0.0
15°	300.4	190.5	61.1	0.0
12.5°	302.8	192.9	61.1	0.0
10°	302.8	197.8	58.6	0.0
7.5°	307.7	195.4	58.6	0.0
5°	305.3	195.4	58.6	0.0
2.5°	302.8	192.9	58.6	0.0
0°	300.4	192.9	58.6	0.0
-2.5°	300.4	192.9	58.6	0.0
-5°	300.4	192.9	58.6	0.0
-7.5°	297.9	195.4	58.6	0.0
-10°	293.0	195.4	58.6	0.0
-12.5°	290.6	188.0	58.6	0.0
-15°	288.2	185.6	58.6	0.0
-17.5°	283.3	183.2	56.2	0.0
-20°	278.4	180.7	56.2	0.0



REPORT NUMBER: P722241

CATALOG NUMBER: IFLD-L-SA7B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	273.5	175.8	56.2	0.0
-25°	268.6	170.9	53.7	0.0
-27.5°	263.7	166.1	53.7	0.0
-30°	256.4	161.2	51.3	0.0
-32.5°	249.1	156.3	51.3	0.0
-35°	244.2	149.0	48.8	0.0
-37.5°	236.9	141.6	48.8	0.0
-40°	229.6	134.3	46.4	0.0
-42.5°	222.2	127.0	44.0	0.0
-45°	212.5	119.7	44.0	0.0
-47.5°	205.1	112.3	41.5	0.0
-50°	192.9	102.6	39.1	0.0
-52.5°	178.3	92.8	36.6	0.0
-55°	163.6	85.5	34.2	0.0
-57.5°	149.0	75.7	34.2	0.0
-60°	134.3	65.9	31.7	0.0
-62.5°	119.7	61.1	29.3	0.0
-65°	105.0	56.2	26.9	0.0
-67.5°	87.9	48.8	24.4	0.0
-70°	73.3	44.0	22.0	0.0
-72.5°	63.5	39.1	19.5	0.0
-75°	53.7	34.2	17.1	0.0
-77.5°	46.4	29.3	14.7	0.0
-80°	36.6	22.0	9.8	0.0
-82.5°	26.9	17.1	7.3	0.0
-85°	17.1	12.2	4.9	0.0
-87.5°	9.8	4.9	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)