

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: P722240

Luminaire Tested: **IFLD-L-SA7A-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722240
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-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

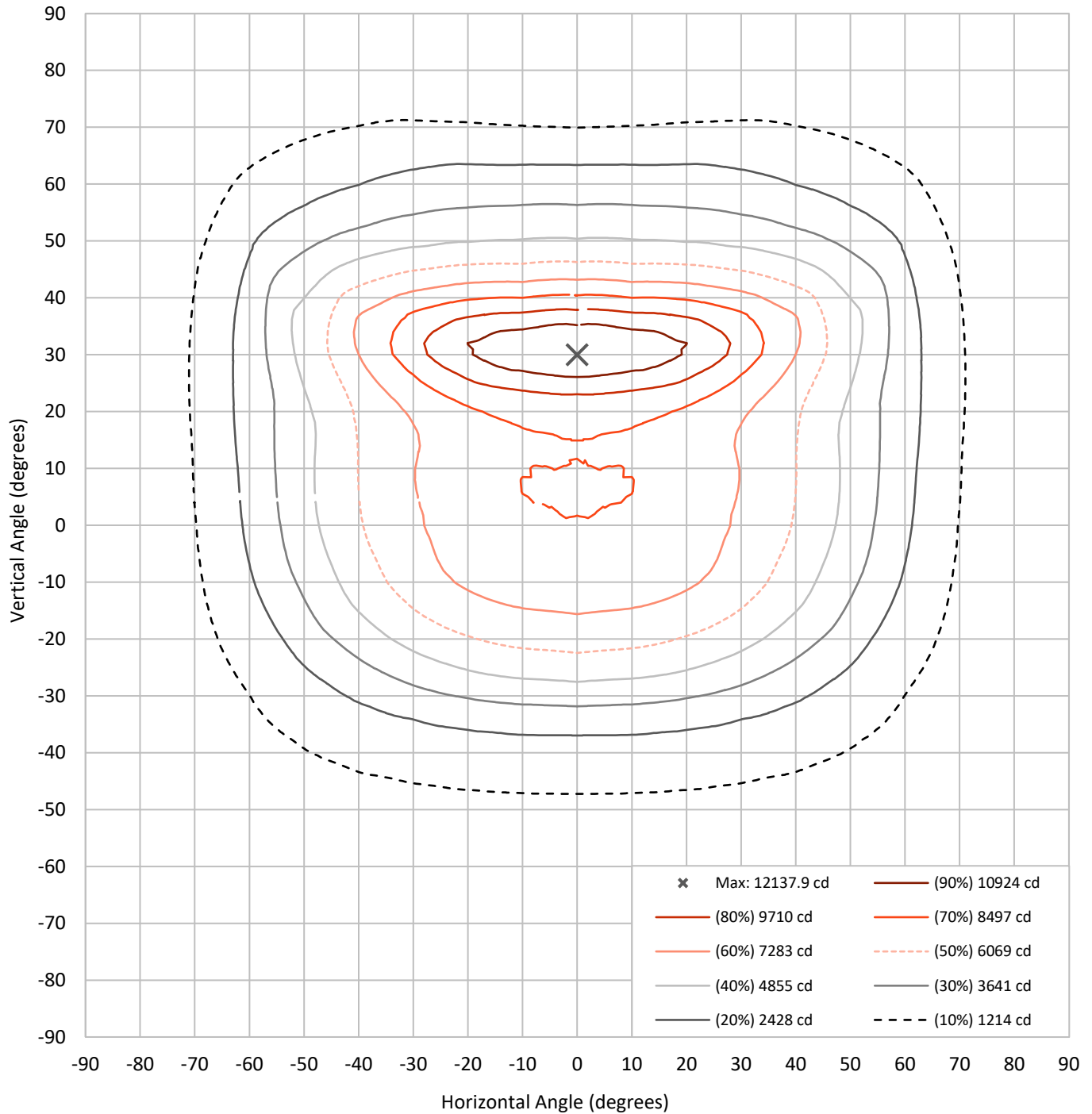
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20261.2 lumens	Max Intensity:	12137.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11782.1 lumens	Field Lumens:	18987.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6
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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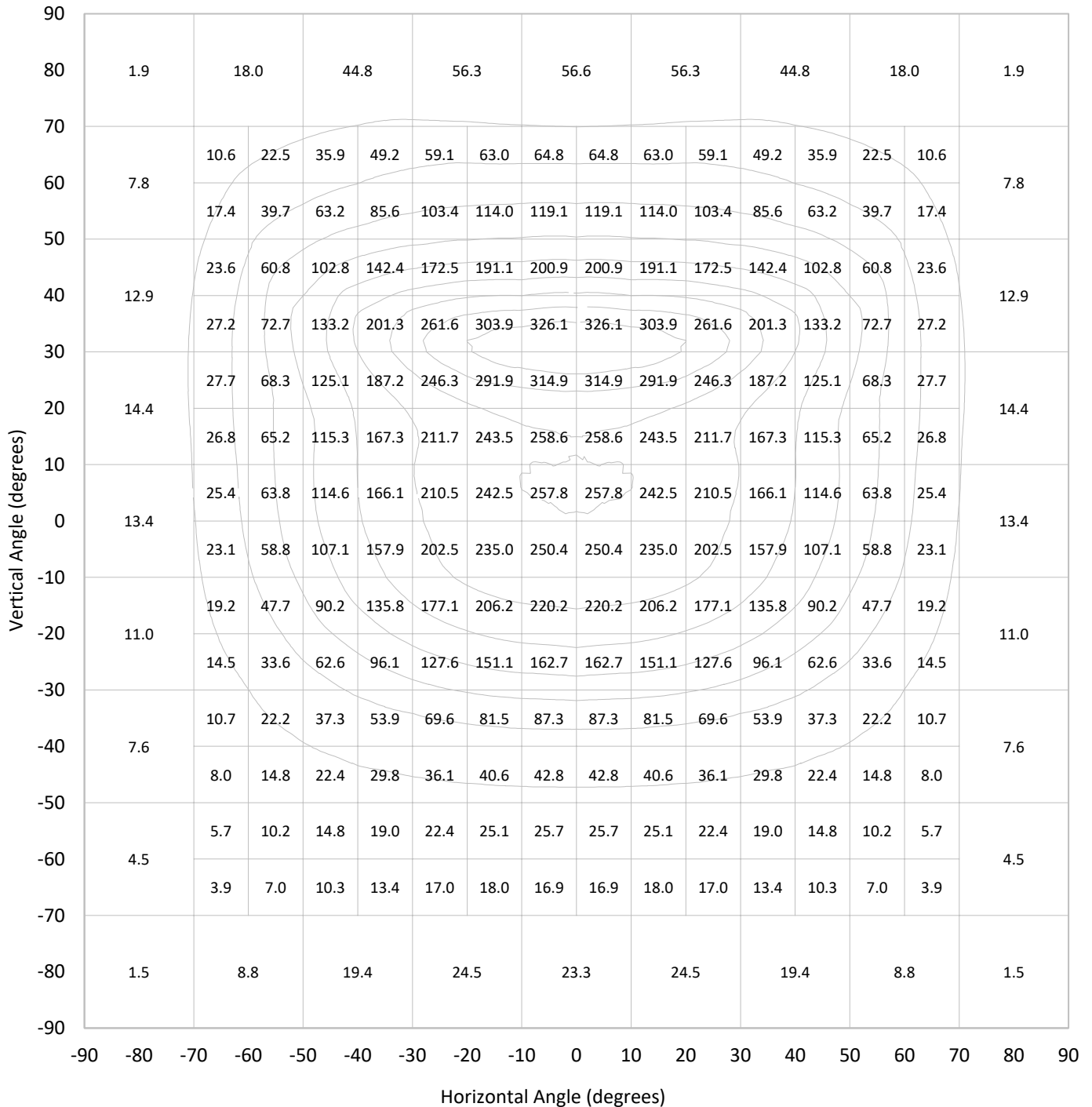
Iso-Candela Plot





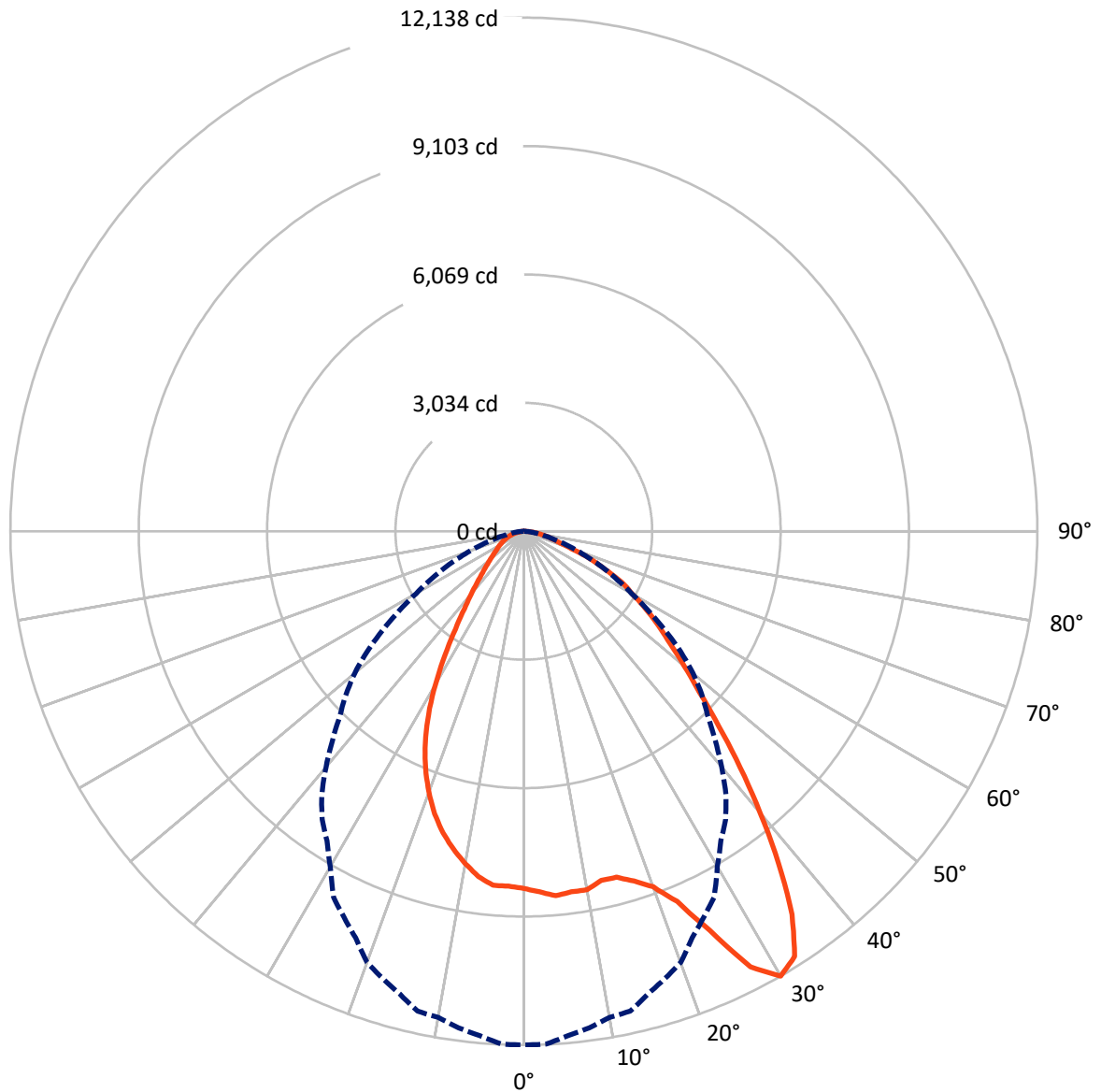
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Lumen Table



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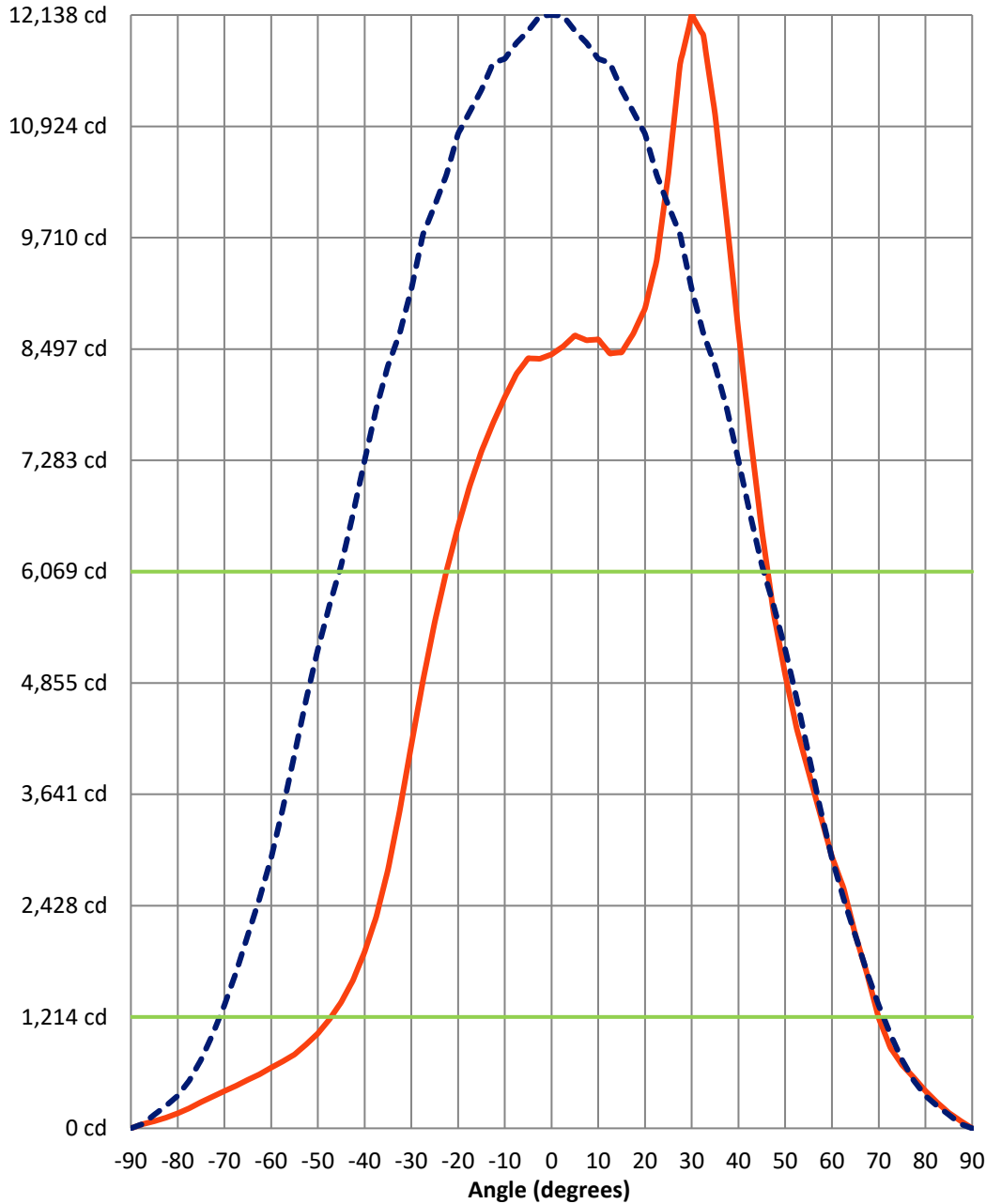
Luminous Intensity Polar Plot



— 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: 11782.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 18987.4
 Efficiency: 93.7%

Spill:
 Lumens: 1273.8
 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°	81.6	83.7	85.9	85.9	83.7	83.7	83.7	81.6	83.7	83.7	83.7
85°	169.6	173.9	178.2	176.0	173.9	169.6	165.3	167.4	169.6	171.7	171.7
82.5°	281.2	287.6	291.9	289.8	285.5	281.2	276.9	279.0	283.3	285.5	285.5
80°	407.8	410.0	412.1	416.4	410.0	410.0	407.8	416.4	420.7	425.0	429.3
77.5°	553.8	555.9	555.9	558.1	560.2	562.4	562.4	577.4	588.1	594.6	601.0
75°	691.1	697.6	704.0	710.5	719.0	723.3	729.8	751.2	768.4	781.3	794.2
72.5°	880.0	888.6	899.3	914.4	929.4	940.1	955.2	980.9	1000.2	1013.1	1028.1
70°	1204.1	1212.7	1223.5	1234.2	1249.2	1259.9	1275.0	1307.2	1326.5	1335.1	1343.6
67.5°	1684.9	1706.4	1725.7	1704.2	1693.5	1678.5	1682.8	1712.8	1732.1	1745.0	1742.9
65°	2112.1	2127.1	2127.1	2124.9	2116.4	2097.0	2107.8	2144.3	2165.7	2176.5	2144.3
62.5°	2614.3	2614.3	2603.6	2620.8	2622.9	2610.0	2603.6	2605.7	2607.9	2614.3	2560.7
60°	2962.0	2983.5	2989.9	3005.0	3009.3	3009.3	3020.0	3028.6	3028.6	3015.7	2953.5
57.5°	3421.4	3462.2	3470.7	3460.0	3438.5	3410.6	3406.3	3393.5	3367.7	3342.0	3311.9
55°	3885.0	3906.5	3904.3	3897.9	3876.4	3844.2	3848.5	3831.3	3790.6	3758.4	3717.6
52.5°	4350.8	4402.3	4410.9	4398.0	4367.9	4333.6	4335.7	4316.4	4275.6	4241.3	4185.5
50°	4945.3	4988.2	4984.0	4962.5	4919.6	4893.8	4895.9	4859.5	4812.2	4801.5	4728.5
47.5°	5625.7	5675.1	5666.5	5636.5	5578.5	5567.8	5578.5	5531.3	5503.4	5479.8	5393.9
45°	6518.6	6576.6	6544.4	6486.4	6394.1	6404.9	6419.9	6411.3	6351.2	6289.0	6179.5
42.5°	7566.1	7602.6	7563.9	7506.0	7390.1	7411.5	7403.0	7351.4	7314.9	7211.9	7072.4
40°	8686.5	8765.9	8705.8	8615.7	8495.5	8527.7	8504.1	8437.5	8351.7	8222.9	8046.9
37.5°	9894.9	9957.2	9888.5	9783.3	9676.0	9665.3	9618.0	9515.0	9392.7	9251.0	8969.8
35°	11051.8	11212.8	11086.2	10918.8	10787.8	10738.5	10693.4	10455.1	10315.6	10086.0	9701.8
32.5°	11912.5	12030.6	11873.9	11700.1	11541.2	11472.5	11313.7	11030.4	10955.3	10472.3	10120.3
30°	12137.9	12129.3	11966.2	11833.1	11661.4	11614.2	11322.3	11081.9	10841.5	10395.0	10060.2
27.5°	11601.3	11547.7	11391.0	11275.1	11105.5	11049.7	10762.1	10633.3	10262.0	9884.2	9600.9
25°	10405.8	10433.7	10315.6	10257.7	10146.1	10025.9	9912.1	9738.2	9506.4	9175.9	8916.2
22.5°	9463.5	9500.0	9450.6	9381.9	9296.1	9229.5	9143.7	9008.5	8785.2	8581.3	8336.6
20°	8939.8	8929.0	8886.1	8834.6	8753.0	8705.8	8611.4	8497.6	8325.9	8149.9	7885.9
17.5°	8665.0	8598.5	8557.7	8538.4	8495.5	8435.4	8323.8	8207.9	8074.8	7875.2	7682.0
15°	8461.1	8471.9	8439.7	8424.6	8390.3	8306.6	8192.8	8098.4	7918.1	7817.2	7641.2
12.5°	8448.3	8437.5	8439.7	8433.2	8390.3	8283.0	8225.0	8104.8	7988.9	7855.8	7654.1
10°	8600.6	8486.9	8495.5	8525.5	8456.8	8371.0	8308.7	8177.8	8068.3	7898.8	7699.2
7.5°	8592.1	8534.1	8551.3	8501.9	8523.4	8418.2	8332.3	8201.4	8064.0	7883.7	7703.4
5°	8643.6	8555.6	8540.5	8544.8	8491.2	8411.8	8295.9	8171.4	8042.6	7840.8	7656.2
2.5°	8525.5	8538.4	8469.7	8444.0	8437.5	8304.4	8197.1	8076.9	7943.8	7765.7	7600.4
0°	8437.5	8461.1	8390.3	8353.8	8351.7	8237.9	8169.2	8031.8	7937.4	7789.3	7589.7
-2.5°	8390.3	8418.2	8426.8	8360.2	8295.9	8207.9	8091.9	7943.8	7789.3	7617.6	7445.9
-5°	8394.6	8338.8	8315.2	8336.6	8280.8	8192.8	8064.0	7933.1	7780.7	7596.1	7381.5
-7.5°	8225.0	8169.2	8164.9	8154.2	8141.3	8057.6	7950.3	7808.6	7654.1	7482.4	7282.8
-10°	7971.7	7931.0	7920.2	7909.5	7875.2	7825.8	7724.9	7596.1	7456.6	7284.9	7072.4
-12.5°	7690.6	7671.3	7630.5	7602.6	7568.2	7510.3	7413.7	7295.6	7156.1	7003.7	6821.3
-15°	7379.3	7342.9	7302.1	7278.5	7229.1	7160.4	7063.8	6954.4	6802.0	6651.7	6480.0
-17.5°	7003.7	6958.6	6913.6	6907.1	6872.8	6767.6	6677.5	6544.4	6411.3	6267.5	6100.1
-20°	6561.6	6499.3	6469.3	6452.1	6404.9	6327.6	6231.0	6108.7	5979.9	5842.5	5649.3



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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°	6072.2	6018.5	5967.0	5934.8	5894.0	5833.9	5741.6	5634.3	5507.7	5353.1	5175.0
-25°	5516.3	5441.1	5408.9	5372.5	5351.0	5295.2	5205.0	5106.3	4975.4	4825.1	4655.6
-27.5°	4880.9	4820.8	4803.7	4752.1	4726.4	4668.4	4593.3	4501.0	4380.8	4239.2	4099.6
-30°	4179.1	4142.6	4114.7	4063.1	4043.8	3981.6	3932.2	3854.9	3745.5	3644.6	3533.0
-32.5°	3457.9	3421.4	3412.8	3389.2	3376.3	3335.5	3279.7	3223.9	3135.9	3060.8	2970.6
-35°	2818.2	2792.5	2794.6	2792.5	2779.6	2749.5	2680.9	2665.8	2601.4	2532.8	2474.8
-37.5°	2307.4	2309.5	2307.4	2305.2	2288.1	2275.2	2225.8	2206.5	2167.9	2101.3	2067.0
-40°	1923.2	1927.5	1925.3	1921.0	1901.7	1895.3	1863.1	1837.3	1822.3	1775.1	1738.6
-42.5°	1612.0	1618.4	1616.2	1614.1	1601.2	1599.1	1581.9	1551.9	1543.3	1515.4	1476.7
-45°	1375.8	1373.7	1369.4	1373.7	1367.3	1360.8	1350.1	1330.8	1320.0	1307.2	1275.0
-47.5°	1189.1	1191.3	1187.0	1187.0	1178.4	1171.9	1167.6	1154.8	1146.2	1135.4	1116.1
-50°	1034.6	1043.2	1041.0	1038.9	1032.4	1028.1	1028.1	1015.2	1002.4	998.1	985.2
-52.5°	914.4	920.8	923.0	927.2	929.4	931.5	925.1	912.2	890.8	888.6	882.2
-55°	804.9	824.2	837.1	845.7	854.3	860.7	847.8	830.7	809.2	800.6	798.5
-57.5°	729.8	749.1	764.1	777.0	787.7	798.5	785.6	768.4	749.1	738.4	736.2
-60°	661.1	678.3	693.3	710.5	725.5	742.7	736.2	723.3	712.6	704.0	695.4
-62.5°	588.1	605.3	622.5	643.9	663.2	680.4	682.6	680.4	678.3	680.4	665.4
-65°	528.0	536.6	547.3	570.9	592.4	611.7	622.5	628.9	639.6	650.4	635.3
-67.5°	463.6	474.4	487.2	504.4	521.6	534.5	549.5	566.7	583.8	601.0	590.3
-70°	405.7	414.3	425.0	433.6	444.3	452.9	465.8	485.1	504.4	521.6	517.3
-72.5°	345.6	354.2	360.6	364.9	371.3	375.6	382.1	399.2	412.1	420.7	420.7
-75°	285.5	294.1	300.5	302.6	306.9	309.1	313.4	319.8	326.3	328.4	330.5
-77.5°	218.9	227.5	234.0	238.3	242.5	246.8	249.0	253.3	255.4	255.4	257.6
-80°	163.1	169.6	173.9	180.3	182.4	186.7	191.0	193.2	195.3	195.3	197.5
-82.5°	115.9	120.2	124.5	128.8	133.1	135.2	139.5	141.7	143.8	146.0	148.1
-85°	77.3	81.6	85.9	90.1	92.3	94.4	96.6	98.7	100.9	103.0	105.2
-87.5°	45.1	47.2	49.4	53.7	55.8	60.1	62.2	60.1	62.2	62.2	62.2
-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°	83.7	83.7	83.7	83.7	81.6	77.3	75.1	70.8	66.5	62.2	58.0
85°	173.9	176.0	176.0	176.0	171.7	169.6	163.1	156.7	148.1	135.2	124.5
82.5°	289.8	291.9	291.9	289.8	285.5	279.0	270.4	259.7	242.5	225.4	210.3
80°	435.7	437.9	437.9	435.7	425.0	414.3	403.5	390.6	369.2	345.6	319.8
77.5°	609.6	613.9	613.9	607.4	592.4	579.5	562.4	540.9	508.7	474.4	440.0
75°	811.3	822.1	824.2	817.8	798.5	774.9	746.9	710.5	661.1	618.2	577.4
72.5°	1045.3	1056.0	1064.6	1056.0	1028.1	995.9	955.2	912.2	862.9	804.9	736.2
70°	1352.2	1363.0	1369.4	1341.5	1292.1	1238.5	1189.1	1139.7	1081.8	1011.0	935.8
67.5°	1738.6	1727.9	1715.0	1659.2	1596.9	1532.5	1463.8	1390.9	1315.7	1240.6	1152.6
65°	2109.9	2079.9	2052.0	1985.4	1906.0	1822.3	1742.9	1661.3	1571.2	1476.7	1393.0
62.5°	2500.6	2436.2	2367.5	2285.9	2204.4	2112.1	2032.6	1936.1	1835.2	1719.3	1612.0
60°	2884.8	2807.5	2738.8	2637.9	2530.6	2406.1	2320.3	2225.8	2107.8	1983.3	1856.6
57.5°	3256.1	3172.4	3097.3	3009.3	2893.4	2758.1	2663.7	2541.3	2416.9	2260.2	2131.4
55°	3651.0	3567.3	3507.2	3408.5	3281.9	3157.4	3054.3	2925.6	2751.7	2584.3	2425.4
52.5°	4103.9	4037.4	3973.0	3872.1	3719.7	3593.1	3479.3	3335.5	3153.1	2947.0	2756.0
50°	4610.5	4576.1	4507.5	4389.4	4215.5	4103.9	3953.7	3762.6	3567.3	3350.5	3112.3
47.5°	5282.3	5226.5	5129.9	5001.1	4855.2	4687.7	4486.0	4262.8	3985.9	3745.5	3492.2
45°	6085.1	5982.0	5857.5	5683.7	5503.4	5314.5	5093.4	4810.1	4438.8	4125.4	3859.2
42.5°	6954.4	6814.8	6645.3	6417.8	6183.8	5952.0	5713.7	5327.4	4863.8	4503.2	4202.7
40°	7862.3	7684.1	7471.6	7141.1	6881.4	6583.0	6310.4	5733.0	5239.4	4848.7	4528.9
37.5°	8750.9	8525.5	8169.2	7767.8	7465.2	7220.5	6621.7	6003.5	5561.3	5132.1	4807.9
35°	9431.3	9240.3	8611.4	8195.0	7935.3	7548.9	6799.8	6166.6	5698.7	5342.4	4838.0
32.5°	9834.8	9341.2	8789.5	8368.8	8154.2	7521.0	6812.7	6213.8	5763.1	5363.9	4760.7
30°	9744.7	9148.0	8665.0	8313.0	7847.3	7278.5	6692.5	6140.9	5703.0	5220.1	4674.9
27.5°	9201.6	8740.2	8308.7	7941.7	7484.5	6973.7	6432.8	5947.7	5539.9	5072.0	4556.8
25°	8587.8	8169.2	7849.4	7529.6	7096.0	6608.8	6132.3	5782.4	5372.5	4911.0	4402.3
22.5°	8023.3	7722.8	7471.6	7136.8	6714.0	6289.0	5992.8	5630.0	5209.3	4741.4	4243.4
20°	7662.7	7458.8	7171.1	6802.0	6469.3	6203.1	5874.7	5490.5	5056.9	4567.5	4108.2
17.5°	7488.8	7252.7	6932.9	6692.5	6437.1	6145.2	5778.1	5370.3	4908.8	4488.1	4123.2
15°	7398.7	7149.7	6939.3	6703.2	6415.6	6108.7	5700.9	5278.0	4908.8	4520.3	4134.0
12.5°	7418.0	7203.3	6973.7	6716.1	6407.0	6078.6	5709.4	5316.6	4934.6	4543.9	4136.1
10°	7478.1	7252.7	7008.0	6722.5	6411.3	6087.2	5733.0	5340.3	4947.5	4554.7	4131.8
7.5°	7499.5	7254.8	6993.0	6705.4	6400.6	6082.9	5737.3	5346.7	4949.6	4552.5	4119.0
5°	7433.0	7211.9	6958.6	6668.9	6370.5	6061.4	5720.2	5338.1	4932.4	4531.1	4086.8
2.5°	7342.9	7164.7	6922.2	6643.1	6340.5	6031.4	5692.3	5299.5	4893.8	4492.4	4046.0
0°	7327.8	7106.7	6862.1	6613.1	6291.1	5964.9	5627.9	5226.5	4823.0	4419.4	3975.1
-2.5°	7229.1	6995.1	6750.4	6480.0	6196.7	5868.3	5514.1	5121.3	4722.1	4325.0	3897.9
-5°	7154.0	6894.3	6634.5	6342.6	6057.2	5728.8	5361.7	4979.7	4589.0	4202.7	3790.6
-7.5°	7053.1	6786.9	6514.3	6209.5	5900.5	5565.6	5202.9	4820.8	4436.6	4052.4	3657.5
-10°	6849.2	6615.2	6359.8	6044.3	5718.0	5383.2	5022.6	4647.0	4262.8	3874.3	3477.2
-12.5°	6602.3	6355.5	6076.5	5786.7	5494.8	5183.6	4823.0	4453.8	4067.4	3676.8	3281.9
-15°	6282.5	6040.0	5754.5	5471.2	5190.0	4891.7	4574.0	4241.3	3848.5	3464.3	3069.4
-17.5°	5883.3	5655.8	5400.4	5129.9	4850.9	4550.4	4241.3	3960.1	3593.1	3232.5	2841.8
-20°	5454.0	5241.5	5011.9	4756.4	4477.4	4183.3	3891.4	3597.4	3279.7	2962.0	2599.3



REPORT NUMBER: P722240

CATALOG NUMBER: IFLD-L-SA7A-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°	5007.6	4792.9	4561.1	4322.9	4065.3	3792.7	3522.3	3241.1	2962.0	2674.4	2367.5
-25°	4492.4	4303.5	4091.0	3859.2	3629.6	3391.3	3133.8	2878.3	2640.1	2391.1	2140.0
-27.5°	3953.7	3779.8	3586.6	3384.9	3187.4	2987.8	2764.6	2528.5	2331.0	2124.9	1916.7
-30°	3387.0	3247.5	3090.8	2914.8	2762.4	2601.4	2414.7	2219.4	2039.1	1882.4	1715.0
-32.5°	2850.4	2732.4	2620.8	2504.9	2354.6	2230.1	2101.3	1957.5	1798.7	1650.6	1530.4
-35°	2388.9	2262.3	2215.1	2129.2	2021.9	1912.4	1818.0	1715.0	1594.8	1463.8	1365.1
-37.5°	2000.4	1925.3	1858.8	1811.6	1740.7	1652.7	1577.6	1502.5	1410.2	1311.5	1212.7
-40°	1697.8	1646.3	1573.3	1549.7	1504.6	1444.5	1367.3	1309.3	1247.1	1171.9	1088.2
-42.5°	1455.3	1416.6	1369.4	1328.6	1309.3	1266.4	1206.3	1150.5	1101.1	1049.6	985.2
-45°	1255.6	1229.9	1199.8	1163.4	1148.3	1114.0	1071.1	1008.8	980.9	938.0	890.8
-47.5°	1094.7	1081.8	1060.3	1036.7	1015.2	989.5	950.9	912.2	873.6	845.7	809.2
-50°	968.0	959.4	946.6	927.2	899.3	882.2	856.4	822.1	785.6	762.0	736.2
-52.5°	867.1	858.6	850.0	835.0	813.5	796.3	774.9	746.9	716.9	693.3	671.8
-55°	789.9	777.0	770.6	757.7	740.5	721.2	701.9	682.6	656.8	635.3	613.9
-57.5°	729.8	712.6	704.0	693.3	676.1	656.8	641.8	622.5	605.3	581.7	562.4
-60°	682.6	663.2	646.1	635.3	620.3	601.0	586.0	570.9	553.8	534.5	510.8
-62.5°	643.9	620.3	596.7	583.8	568.8	551.6	536.6	521.6	504.4	485.1	463.6
-65°	607.4	579.5	549.5	536.6	521.6	504.4	485.1	474.4	459.3	442.2	420.7
-67.5°	562.4	532.3	506.6	491.5	476.5	461.5	444.3	433.6	418.5	397.1	375.6
-70°	495.8	476.5	459.3	446.5	433.6	420.7	403.5	386.4	369.2	349.9	330.5
-72.5°	412.1	405.7	403.5	397.1	382.1	367.0	349.9	332.7	317.7	302.6	287.6
-75°	332.7	337.0	341.3	339.1	324.1	309.1	294.1	279.0	268.3	255.4	242.5
-77.5°	264.0	268.3	272.6	272.6	261.9	253.3	242.5	231.8	223.2	212.5	199.6
-80°	203.9	210.3	216.8	221.1	212.5	206.1	197.5	188.9	180.3	171.7	163.1
-82.5°	154.5	161.0	167.4	171.7	165.3	161.0	154.5	148.1	141.7	133.1	126.6
-85°	111.6	115.9	120.2	122.3	118.1	113.8	109.5	105.2	100.9	94.4	90.1
-87.5°	64.4	66.5	68.7	70.8	66.5	62.2	60.1	55.8	53.7	49.4	47.2
-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-SA7A-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°	53.7	49.4	45.1	42.9	38.6	32.2	27.9	23.6	19.3	15.0	12.9
85°	113.8	103.0	90.1	83.7	75.1	66.5	58.0	49.4	40.8	32.2	23.6
82.5°	195.3	182.4	169.6	154.5	135.2	111.6	88.0	73.0	60.1	47.2	36.5
80°	294.1	270.4	249.0	229.7	208.2	178.2	146.0	115.9	81.6	62.2	47.2
77.5°	407.8	379.9	349.9	317.7	283.3	242.5	206.1	167.4	126.6	85.9	60.1
75°	536.6	500.1	459.3	414.3	369.2	315.5	264.0	218.9	171.7	120.2	73.0
72.5°	680.4	635.3	586.0	525.9	455.0	392.8	330.5	270.4	214.6	152.4	98.7
70°	865.0	794.2	721.2	656.8	566.7	467.9	394.9	326.3	255.4	186.7	124.5
67.5°	1062.5	976.6	888.6	794.2	680.4	564.5	459.3	382.1	298.4	218.9	148.1
65°	1277.1	1169.8	1058.2	953.0	796.3	658.9	540.9	435.7	339.1	249.0	171.7
62.5°	1498.2	1371.6	1242.8	1105.4	925.1	755.5	618.2	495.8	377.8	276.9	193.2
60°	1734.3	1586.2	1429.5	1257.8	1047.4	860.7	691.1	558.1	418.5	304.8	216.8
57.5°	1983.3	1822.3	1637.7	1405.9	1174.1	961.6	774.9	613.9	455.0	330.5	234.0
55°	2253.7	2069.1	1867.4	1560.4	1298.6	1062.5	858.6	669.7	493.7	352.0	251.1
52.5°	2545.6	2331.0	2075.6	1723.6	1429.5	1165.5	935.8	719.0	530.2	375.6	266.2
50°	2871.9	2601.4	2258.0	1873.8	1543.3	1262.1	1013.1	772.7	560.2	401.4	279.0
47.5°	3211.0	2919.1	2421.1	2013.3	1659.2	1356.5	1092.5	819.9	590.3	422.8	291.9
45°	3565.2	3140.2	2590.7	2137.8	1760.1	1442.4	1152.6	862.9	626.8	442.2	302.6
42.5°	3915.0	3307.6	2738.8	2262.3	1854.5	1519.7	1202.0	903.6	656.8	461.5	313.4
40°	4080.3	3434.2	2856.9	2348.2	1933.9	1588.3	1244.9	940.1	682.6	474.4	324.1
37.5°	4149.0	3511.5	2934.1	2429.7	1996.2	1624.8	1281.4	972.3	704.0	487.2	332.7
35°	4164.0	3539.4	2972.8	2485.5	2047.7	1659.2	1309.3	995.9	721.2	500.1	341.3
32.5°	4136.1	3530.8	2983.5	2504.9	2079.9	1684.9	1328.6	1013.1	734.1	513.0	349.9
30°	4073.9	3485.8	2944.9	2502.7	2103.5	1700.0	1341.5	1026.0	746.9	521.6	354.2
27.5°	3973.0	3406.3	2895.5	2504.9	2116.4	1706.4	1347.9	1032.4	755.5	528.0	362.7
25°	3848.5	3299.0	2897.6	2500.6	2118.5	1708.5	1347.9	1032.4	757.7	530.2	369.2
22.5°	3704.7	3299.0	2897.6	2494.1	2105.6	1704.2	1341.5	1028.1	757.7	534.5	375.6
20°	3713.3	3301.2	2891.2	2481.2	2086.3	1691.4	1326.5	1017.4	751.2	540.9	379.9
17.5°	3719.7	3296.9	2878.3	2464.1	2060.5	1669.9	1307.2	1002.4	751.2	547.3	382.1
15°	3719.7	3284.0	2859.0	2438.3	2028.4	1639.9	1279.3	989.5	753.4	549.5	386.4
12.5°	3713.3	3260.4	2829.0	2404.0	1989.7	1603.4	1262.1	985.2	753.4	551.6	386.4
10°	3700.4	3228.2	2790.3	2361.0	1953.2	1590.5	1253.5	976.6	749.1	551.6	386.4
7.5°	3676.8	3189.6	2758.1	2335.3	1931.8	1575.5	1240.6	963.7	742.7	547.3	390.6
5°	3640.3	3168.1	2732.4	2305.2	1901.7	1564.7	1232.0	953.0	738.4	547.3	386.4
2.5°	3593.1	3142.3	2702.3	2266.6	1867.4	1528.2	1204.1	929.4	723.3	538.7	382.1
0°	3515.8	3090.8	2650.8	2212.9	1820.2	1491.8	1176.2	905.8	708.3	530.2	377.8
-2.5°	3445.0	3022.1	2584.3	2157.1	1775.1	1459.6	1154.8	892.9	701.9	528.0	375.6
-5°	3346.2	2927.7	2496.3	2084.2	1715.0	1427.4	1133.3	877.9	695.4	523.7	375.6
-7.5°	3236.8	2829.0	2404.0	2009.0	1654.9	1371.6	1092.5	854.3	680.4	515.1	373.5
-10°	3067.2	2680.9	2288.1	1923.2	1590.5	1322.2	1058.2	832.8	667.5	506.6	364.9
-12.5°	2886.9	2517.7	2155.0	1818.0	1517.5	1270.7	1019.5	809.2	652.5	498.0	360.6
-15°	2695.9	2350.3	2015.5	1708.5	1438.1	1208.4	978.8	783.4	637.5	487.2	354.2
-17.5°	2496.3	2174.3	1871.7	1596.9	1358.7	1144.0	935.8	759.8	620.3	476.5	347.7
-20°	2285.9	1994.0	1725.7	1483.2	1275.0	1079.6	890.8	731.9	601.0	463.6	339.1



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2077.7	1815.9	1575.5	1371.6	1189.1	1013.1	845.7	704.0	579.5	448.6	332.7
-25°	1893.1	1648.4	1442.4	1264.2	1105.4	948.7	798.5	676.1	555.9	433.6	324.1
-27.5°	1712.8	1504.6	1311.5	1163.4	1023.8	886.5	753.4	646.1	532.3	416.4	315.5
-30°	1545.4	1367.3	1208.4	1064.6	946.6	830.7	714.8	616.0	506.6	399.2	304.8
-32.5°	1393.0	1249.2	1116.1	978.8	873.6	774.9	678.3	586.0	480.8	382.1	294.1
-35°	1251.4	1139.7	1023.8	907.9	800.6	723.3	639.6	553.8	457.2	362.7	283.3
-37.5°	1124.7	1034.6	942.3	843.5	751.2	674.0	603.1	521.6	433.6	345.6	272.6
-40°	1015.2	942.3	860.7	781.3	704.0	631.0	566.7	489.4	410.0	332.7	261.9
-42.5°	914.4	858.6	792.0	725.5	656.8	592.4	530.2	455.0	386.4	317.7	251.1
-45°	837.1	781.3	727.6	667.5	609.6	553.8	491.5	425.0	364.9	300.5	240.4
-47.5°	764.1	714.8	665.4	616.0	568.8	517.3	455.0	399.2	341.3	285.5	231.8
-50°	699.7	652.5	609.6	566.7	525.9	476.5	418.5	373.5	322.0	270.4	221.1
-52.5°	639.6	598.8	555.9	521.6	487.2	437.9	390.6	347.7	302.6	253.3	210.3
-55°	586.0	547.3	508.7	476.5	444.3	401.4	362.7	326.3	283.3	240.4	199.6
-57.5°	534.5	502.3	465.8	435.7	403.5	369.2	337.0	302.6	264.0	227.5	188.9
-60°	487.2	457.2	425.0	394.9	367.0	339.1	309.1	281.2	246.8	212.5	178.2
-62.5°	440.0	414.3	386.4	356.3	334.8	309.1	285.5	257.6	229.7	199.6	158.8
-65°	397.1	373.5	347.7	322.0	302.6	283.3	261.9	236.1	212.5	184.6	141.7
-67.5°	354.2	332.7	311.2	289.8	272.6	257.6	236.1	216.8	197.5	167.4	124.5
-70°	313.4	296.2	276.9	259.7	246.8	229.7	214.6	197.5	180.3	146.0	105.2
-72.5°	274.7	257.6	242.5	229.7	218.9	203.9	191.0	178.2	154.5	122.3	88.0
-75°	229.7	218.9	210.3	199.6	188.9	178.2	167.4	152.4	128.8	98.7	68.7
-77.5°	188.9	182.4	176.0	167.4	158.8	150.2	137.4	122.3	103.0	77.3	55.8
-80°	154.5	148.1	143.8	135.2	128.8	120.2	107.3	94.4	75.1	60.1	45.1
-82.5°	118.1	113.8	109.5	105.2	98.7	90.1	77.3	66.5	55.8	45.1	34.3
-85°	83.7	81.6	77.3	73.0	66.5	60.1	51.5	45.1	38.6	30.0	23.6
-87.5°	42.9	40.8	38.6	36.5	34.3	30.0	25.8	21.5	19.3	15.0	10.7
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.6	6.4	2.1	0.0
85°	17.2	10.7	4.3	0.0
82.5°	25.8	17.2	6.4	0.0
80°	34.3	21.5	10.7	0.0
77.5°	42.9	25.8	12.9	0.0
75°	51.5	32.2	15.0	0.0
72.5°	58.0	36.5	17.2	0.0
70°	68.7	42.9	19.3	0.0
67.5°	85.9	47.2	21.5	0.0
65°	100.9	51.5	23.6	0.0
62.5°	118.1	55.8	25.8	0.0
60°	133.1	60.1	27.9	0.0
57.5°	148.1	70.8	30.0	0.0
55°	161.0	79.4	32.2	0.0
52.5°	176.0	88.0	34.3	0.0
50°	188.9	96.6	36.5	0.0
47.5°	199.6	105.2	36.5	0.0
45°	208.2	111.6	38.6	0.0
42.5°	214.6	118.1	40.8	0.0
40°	221.1	124.5	42.9	0.0
37.5°	227.5	130.9	42.9	0.0
35°	234.0	137.4	45.1	0.0
32.5°	240.4	143.8	45.1	0.0
30°	244.7	148.1	47.2	0.0
27.5°	251.1	152.4	47.2	0.0
25°	253.3	156.7	49.4	0.0
22.5°	257.6	158.8	49.4	0.0
20°	261.9	163.1	49.4	0.0
17.5°	264.0	165.3	51.5	0.0
15°	264.0	167.4	53.7	0.0
12.5°	266.2	169.6	53.7	0.0
10°	266.2	173.9	51.5	0.0
7.5°	270.4	171.7	51.5	0.0
5°	268.3	171.7	51.5	0.0
2.5°	266.2	169.6	51.5	0.0
0°	264.0	169.6	51.5	0.0
-2.5°	264.0	169.6	51.5	0.0
-5°	264.0	169.6	51.5	0.0
-7.5°	261.9	171.7	51.5	0.0
-10°	257.6	171.7	51.5	0.0
-12.5°	255.4	165.3	51.5	0.0
-15°	253.3	163.1	51.5	0.0
-17.5°	249.0	161.0	49.4	0.0
-20°	244.7	158.8	49.4	0.0



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CATALOG NUMBER: IFLD-L-SA7A-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	240.4	154.5	49.4	0.0
-25°	236.1	150.2	47.2	0.0
-27.5°	231.8	146.0	47.2	0.0
-30°	225.4	141.7	45.1	0.0
-32.5°	218.9	137.4	45.1	0.0
-35°	214.6	130.9	42.9	0.0
-37.5°	208.2	124.5	42.9	0.0
-40°	201.8	118.1	40.8	0.0
-42.5°	195.3	111.6	38.6	0.0
-45°	186.7	105.2	38.6	0.0
-47.5°	180.3	98.7	36.5	0.0
-50°	169.6	90.1	34.3	0.0
-52.5°	156.7	81.6	32.2	0.0
-55°	143.8	75.1	30.0	0.0
-57.5°	130.9	66.5	30.0	0.0
-60°	118.1	58.0	27.9	0.0
-62.5°	105.2	53.7	25.8	0.0
-65°	92.3	49.4	23.6	0.0
-67.5°	77.3	42.9	21.5	0.0
-70°	64.4	38.6	19.3	0.0
-72.5°	55.8	34.3	17.2	0.0
-75°	47.2	30.0	15.0	0.0
-77.5°	40.8	25.8	12.9	0.0
-80°	32.2	19.3	8.6	0.0
-82.5°	23.6	15.0	6.4	0.0
-85°	15.0	10.7	4.3	0.0
-87.5°	8.6	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)