

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: P722271

Luminaire Tested: **IFLD-L-SA7C-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722271
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

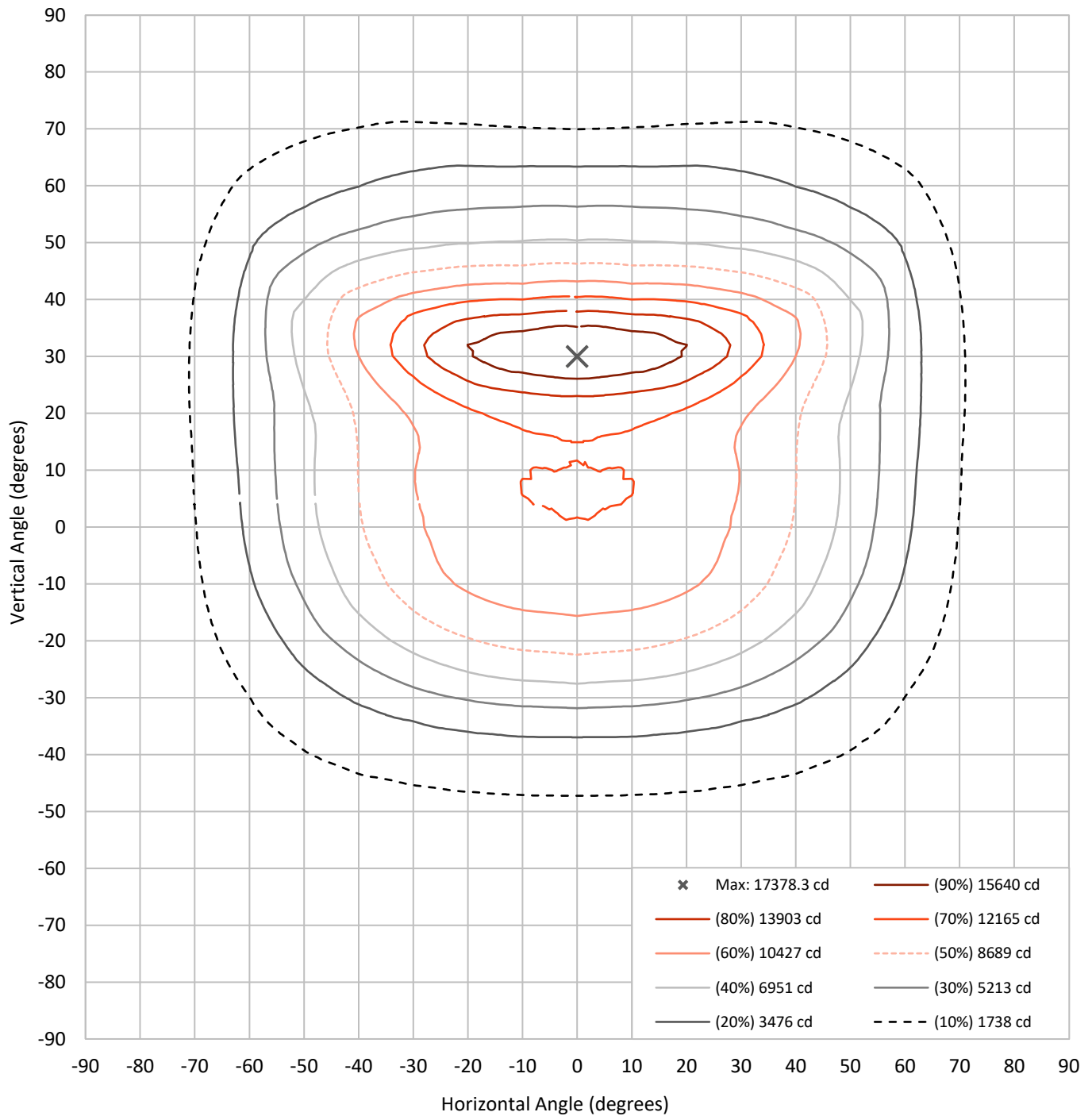
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29008.7 lumens	Max Intensity:	17378.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16868.9 lumens	Field Lumens:	27184.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369
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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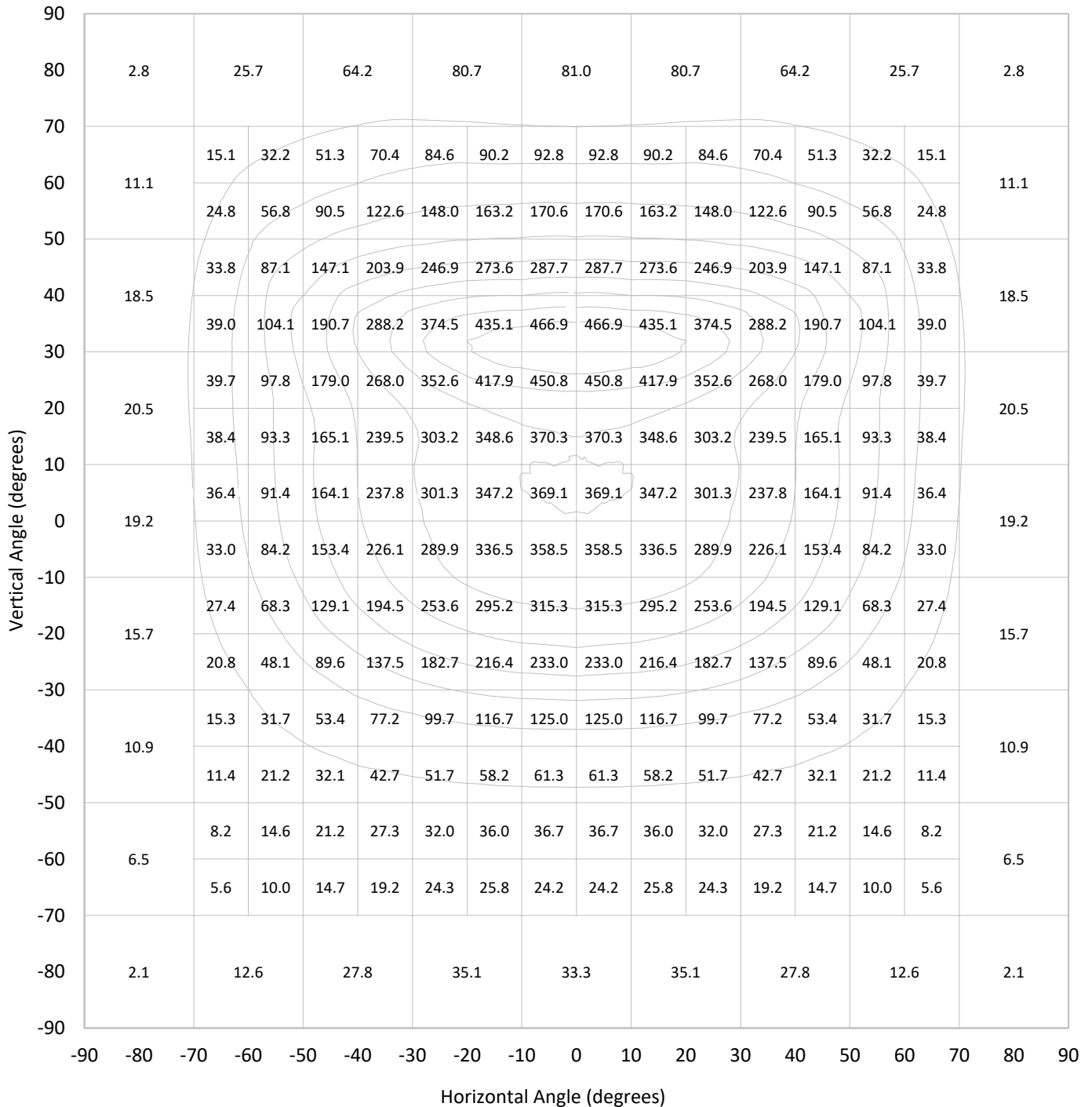
Iso-Candela Plot





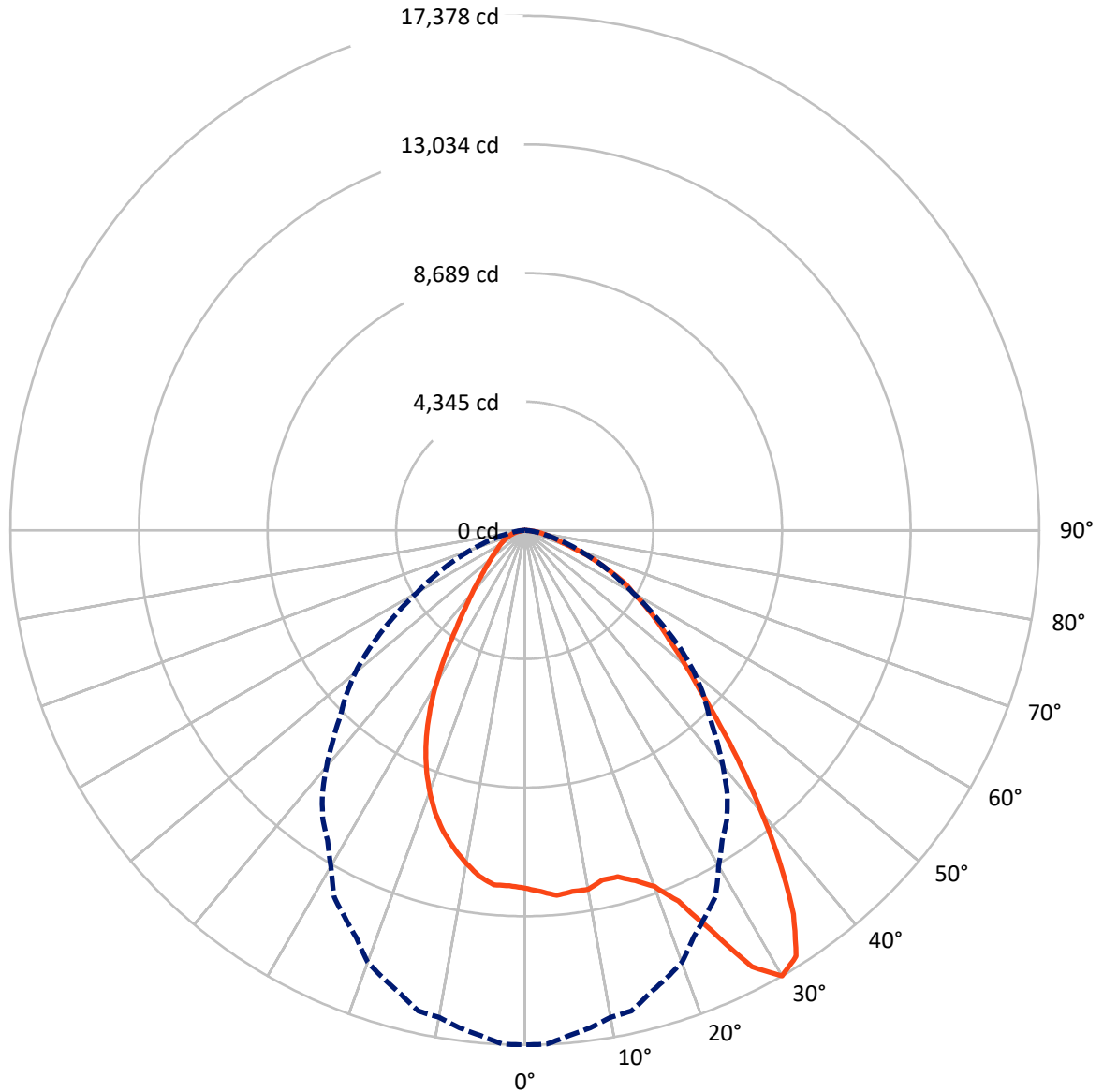
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Lumen Table



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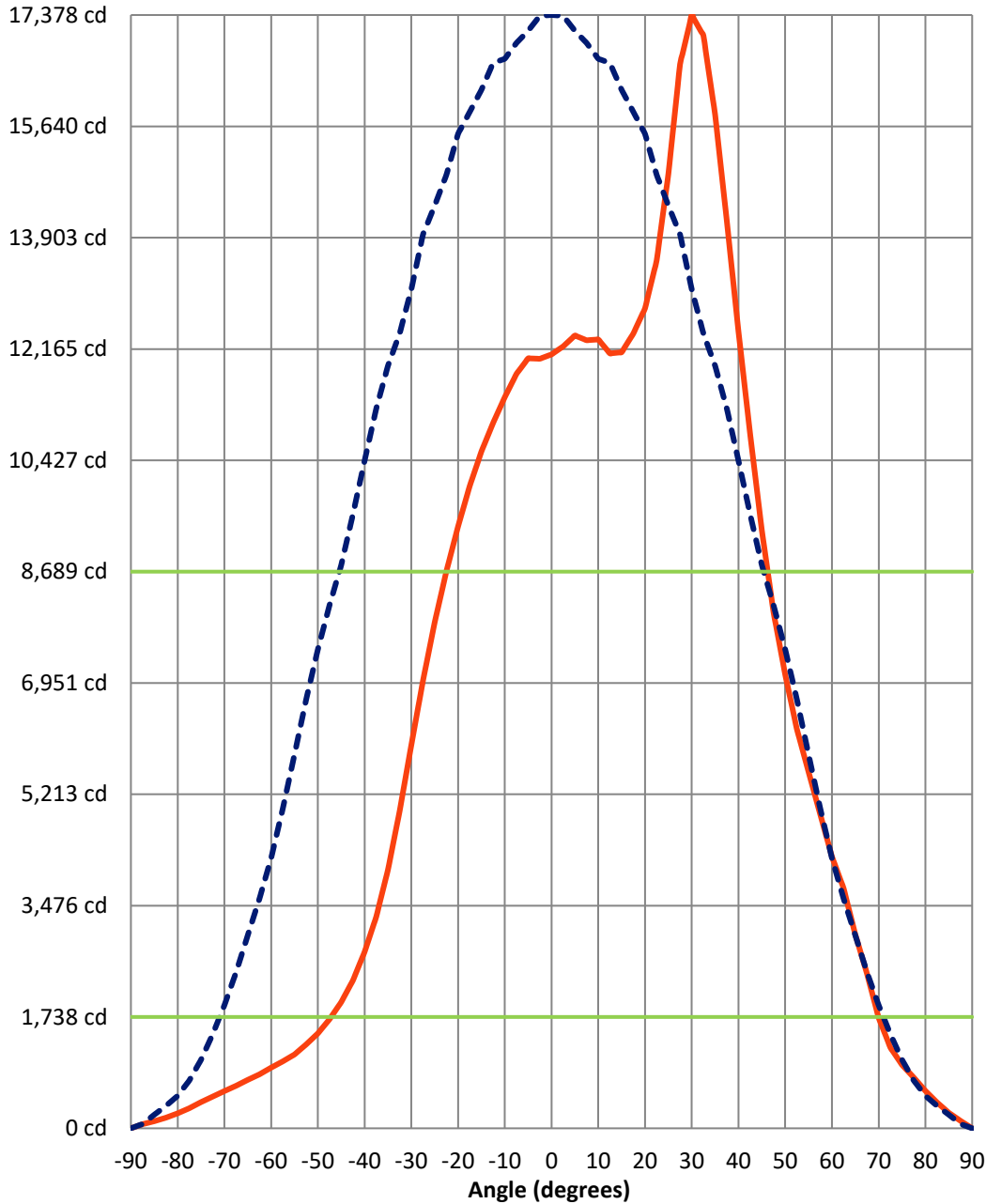
Luminous Intensity Polar Plot



— 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: 16868.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 27184.9
 Efficiency: 93.7%

Spill:
 Lumens: 1823.8
 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°	116.8	119.9	122.9	122.9	119.9	119.9	119.9	116.8	119.9	119.9	119.9
85°	242.8	248.9	255.1	252.0	248.9	242.8	236.6	239.7	242.8	245.8	245.8
82.5°	402.6	411.8	417.9	414.9	408.7	402.6	396.4	399.5	405.6	408.7	408.7
80°	583.9	587.0	590.0	596.2	587.0	587.0	583.9	596.2	602.3	608.5	614.6
77.5°	792.9	795.9	795.9	799.0	802.1	805.1	805.1	826.7	842.0	851.2	860.5
75°	989.5	998.8	1008.0	1017.2	1029.5	1035.6	1044.8	1075.6	1100.2	1118.6	1137.0
72.5°	1260.0	1272.3	1287.6	1309.1	1330.6	1346.0	1367.5	1404.4	1432.1	1450.5	1472.0
70°	1724.0	1736.3	1751.7	1767.0	1788.5	1803.9	1825.4	1871.5	1899.2	1911.5	1923.7
67.5°	2412.4	2443.1	2470.8	2440.0	2424.7	2403.1	2409.3	2452.3	2480.0	2498.4	2495.3
65°	3023.9	3045.4	3045.4	3042.3	3030.1	3002.4	3017.8	3070.0	3100.7	3116.1	3070.0
62.5°	3743.0	3743.0	3727.6	3752.2	3755.3	3736.9	3727.6	3730.7	3733.8	3743.0	3666.2
60°	4240.9	4271.6	4280.8	4302.3	4308.5	4308.5	4323.8	4336.1	4336.1	4317.7	4228.6
57.5°	4898.5	4956.9	4969.2	4953.8	4923.1	4883.1	4877.0	4858.5	4821.7	4784.8	4741.8
55°	5562.3	5593.0	5589.9	5580.7	5550.0	5503.9	5510.0	5485.4	5427.1	5381.0	5322.6
52.5°	6229.1	6302.9	6315.2	6296.7	6253.7	6204.5	6207.6	6180.0	6121.6	6072.4	5992.5
50°	7080.4	7141.8	7135.7	7105.0	7043.5	7006.6	7009.7	6957.5	6889.8	6874.5	6770.0
47.5°	8054.5	8125.2	8112.9	8069.9	7986.9	7971.6	7986.9	7919.3	7879.4	7845.6	7722.7
45°	9332.9	9415.9	9369.8	9286.8	9154.7	9170.1	9191.6	9179.3	9093.2	9004.1	8847.4
42.5°	10832.6	10884.8	10829.5	10746.6	10580.6	10611.3	10599.1	10525.3	10473.1	10325.5	10125.8
40°	12436.8	12550.5	12464.4	12335.3	12163.3	12209.3	12175.5	12080.3	11957.4	11773.0	11521.0
37.5°	14166.9	14256.0	14157.7	14007.1	13853.4	13838.1	13770.5	13623.0	13447.8	13245.0	12842.4
35°	15823.3	16053.8	15872.5	15632.8	15445.3	15374.6	15310.1	14969.0	14769.2	14440.4	13890.3
32.5°	17055.6	17224.6	17000.3	16751.4	16524.0	16425.6	16198.2	15792.6	15685.0	14993.6	14489.6
30°	17378.3	17366.0	17132.4	16941.9	16696.0	16628.4	16210.5	15866.3	15522.1	14882.9	14403.5
27.5°	16610.0	16533.2	16308.8	16142.9	15900.1	15820.2	15408.4	15224.0	14692.4	14151.5	13745.9
25°	14898.3	14938.2	14769.2	14686.2	14526.4	14354.4	14191.5	13942.6	13610.7	13137.4	12765.6
22.5°	13549.2	13601.5	13530.8	13432.4	13309.5	13214.2	13091.3	12897.7	12578.1	12286.2	11935.8
20°	12799.4	12784.0	12722.6	12648.8	12532.0	12464.4	12329.2	12166.3	11920.5	11668.5	11290.5
17.5°	12406.0	12310.8	12252.4	12224.7	12163.3	12077.2	11917.4	11751.5	11560.9	11275.1	10998.6
15°	12114.1	12129.4	12083.4	12061.8	12012.7	11892.8	11729.9	11594.7	11336.6	11192.2	10940.2
12.5°	12095.6	12080.3	12083.4	12074.1	12012.7	11859.0	11776.0	11604.0	11438.0	11247.5	10958.6
10°	12313.8	12151.0	12163.3	12206.3	12107.9	11985.0	11895.9	11708.4	11551.7	11308.9	11023.1
7.5°	12301.5	12218.6	12243.2	12172.5	12203.2	12052.6	11929.7	11742.2	11545.6	11287.4	11029.3
5°	12375.3	12249.3	12227.8	12233.9	12157.1	12043.4	11877.5	11699.2	11514.8	11226.0	10961.7
2.5°	12206.3	12224.7	12126.4	12089.5	12080.3	11889.7	11736.1	11564.0	11373.5	11118.4	10881.8
0°	12080.3	12114.1	12012.7	11960.4	11957.4	11794.5	11696.1	11499.5	11364.3	11152.2	10866.4
-2.5°	12012.7	12052.6	12064.9	11969.6	11877.5	11751.5	11585.5	11373.5	11152.2	10906.4	10660.5
-5°	12018.8	11938.9	11905.1	11935.8	11855.9	11729.9	11545.6	11358.1	11139.9	10875.6	10568.3
-7.5°	11776.0	11696.1	11690.0	11674.6	11656.2	11536.3	11382.7	11179.9	10958.6	10712.8	10427.0
-10°	11413.4	11355.0	11339.7	11324.3	11275.1	11204.4	11060.0	10875.6	10675.9	10430.0	10125.8
-12.5°	11010.8	10983.2	10924.8	10884.8	10835.7	10752.7	10614.4	10445.4	10245.6	10027.5	9766.2
-15°	10565.2	10513.0	10454.6	10420.8	10350.1	10251.8	10113.5	9956.8	9738.6	9523.5	9277.6
-17.5°	10027.5	9962.9	9898.4	9889.2	9840.0	9689.4	9560.4	9369.8	9179.3	8973.4	8733.7
-20°	9394.4	9305.3	9262.3	9237.7	9170.1	9059.4	8921.2	8746.0	8561.6	8364.9	8088.3



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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°	8693.7	8616.9	8543.2	8497.1	8438.7	8352.6	8220.5	8066.8	7885.5	7664.3	7409.2
-25°	7897.8	7790.3	7744.2	7691.9	7661.2	7581.3	7452.2	7310.9	7123.4	6908.3	6665.5
-27.5°	6988.2	6902.1	6877.6	6803.8	6766.9	6683.9	6576.4	6444.2	6272.2	6069.3	5869.6
-30°	5983.3	5931.0	5891.1	5817.3	5789.7	5700.6	5629.9	5519.3	5362.5	5218.1	5058.3
-32.5°	4950.7	4898.5	4886.2	4852.4	4834.0	4775.6	4695.7	4615.8	4489.8	4382.2	4253.1
-35°	4035.0	3998.1	4001.2	3998.1	3979.6	3936.6	3838.3	3816.8	3724.6	3626.2	3543.3
-37.5°	3303.6	3306.6	3303.6	3300.5	3275.9	3257.5	3186.8	3159.1	3103.8	3008.5	2959.4
-40°	2753.5	2759.6	2756.6	2750.4	2722.7	2713.5	2667.4	2630.6	2609.0	2541.4	2489.2
-42.5°	2307.9	2317.1	2314.0	2311.0	2292.5	2289.4	2264.9	2221.8	2209.5	2169.6	2114.3
-45°	1969.8	1966.8	1960.6	1966.8	1957.6	1948.3	1933.0	1905.3	1889.9	1871.5	1825.4
-47.5°	1702.5	1705.6	1699.4	1699.4	1687.1	1677.9	1671.8	1653.3	1641.0	1625.7	1598.0
-50°	1481.2	1493.5	1490.4	1487.4	1478.2	1472.0	1472.0	1453.6	1435.1	1429.0	1410.5
-52.5°	1309.1	1318.4	1321.4	1327.6	1330.6	1333.7	1324.5	1306.1	1275.3	1272.3	1263.0
-55°	1152.4	1180.1	1198.5	1210.8	1223.1	1232.3	1213.9	1189.3	1158.6	1146.3	1143.2
-57.5°	1044.8	1072.5	1094.0	1112.5	1127.8	1143.2	1124.7	1100.2	1072.5	1057.1	1054.1
-60°	946.5	971.1	992.6	1017.2	1038.7	1063.3	1054.1	1035.6	1020.3	1008.0	995.7
-62.5°	842.0	866.6	891.2	921.9	949.6	974.2	977.2	974.2	971.1	974.2	952.7
-65°	756.0	768.3	783.6	817.4	848.2	875.8	891.2	900.4	915.8	931.1	909.6
-67.5°	663.8	679.2	697.6	722.2	746.8	765.2	786.7	811.3	835.9	860.5	845.1
-70°	580.8	593.1	608.5	620.8	636.1	648.4	666.9	694.5	722.2	746.8	740.6
-72.5°	494.8	507.1	516.3	522.4	531.6	537.8	547.0	571.6	590.0	602.3	602.3
-75°	408.7	421.0	430.2	433.3	439.5	442.5	448.7	457.9	467.1	470.2	473.3
-77.5°	313.5	325.7	335.0	341.1	347.3	353.4	356.5	362.6	365.7	365.7	368.8
-80°	233.6	242.8	248.9	258.1	261.2	267.4	273.5	276.6	279.7	279.7	282.7
-82.5°	165.9	172.1	178.2	184.4	190.5	193.6	199.8	202.8	205.9	209.0	212.0
-85°	110.6	116.8	122.9	129.1	132.1	135.2	138.3	141.4	144.4	147.5	150.6
-87.5°	64.5	67.6	70.7	76.8	79.9	86.0	89.1	86.0	89.1	89.1	89.1
-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°	119.9	119.9	119.9	119.9	116.8	110.6	107.6	101.4	95.3	89.1	83.0
85°	248.9	252.0	252.0	252.0	245.8	242.8	233.6	224.3	212.0	193.6	178.2
82.5°	414.9	417.9	417.9	414.9	408.7	399.5	387.2	371.8	347.3	322.7	301.2
80°	623.8	626.9	626.9	623.8	608.5	593.1	577.7	559.3	528.6	494.8	457.9
77.5°	872.8	878.9	878.9	869.7	848.2	829.7	805.1	774.4	728.3	679.2	630.0
75°	1161.6	1177.0	1180.1	1170.8	1143.2	1109.4	1069.4	1017.2	946.5	885.0	826.7
72.5°	1496.6	1512.0	1524.2	1512.0	1472.0	1425.9	1367.5	1306.1	1235.4	1152.4	1054.1
70°	1936.0	1951.4	1960.6	1920.7	1850.0	1773.2	1702.5	1631.8	1548.8	1447.4	1339.9
67.5°	2489.2	2473.8	2455.4	2375.5	2286.4	2194.2	2095.8	1991.4	1883.8	1776.2	1650.2
65°	3020.8	2977.8	2937.9	2842.6	2728.9	2609.0	2495.3	2378.6	2249.5	2114.3	1994.4
62.5°	3580.1	3487.9	3389.6	3272.8	3156.1	3023.9	2910.2	2771.9	2627.5	2461.5	2307.9
60°	4130.2	4019.6	3921.3	3776.8	3623.2	3444.9	3322.0	3186.8	3017.8	2839.5	2658.2
57.5°	4661.9	4542.0	4434.5	4308.5	4142.5	3948.9	3813.7	3638.5	3460.3	3236.0	3051.6
55°	5227.3	5107.5	5021.4	4880.1	4698.7	4520.5	4373.0	4188.6	3939.7	3700.0	3472.6
52.5°	5875.7	5780.5	5688.3	5543.8	5325.6	5144.3	4981.5	4775.6	4514.4	4219.3	3945.8
50°	6601.0	6551.8	6453.5	6284.4	6035.5	5875.7	5660.6	5387.1	5107.5	4797.1	4456.0
47.5°	7562.9	7482.9	7344.7	7160.3	6951.3	6711.6	6422.7	6103.1	5706.7	5362.5	4999.9
45°	8712.2	8564.7	8386.4	8137.5	7879.4	7608.9	7292.4	6886.8	6355.1	5906.5	5525.4
42.5°	9956.8	9757.0	9514.3	9188.5	8853.5	8521.7	8180.5	7627.4	6963.6	6447.3	6017.1
40°	11256.7	11001.6	10697.4	10224.1	9852.3	9425.1	9034.9	8208.2	7501.4	6942.1	6484.2
37.5°	12528.9	12206.3	11696.1	11121.5	10688.2	10337.8	9480.5	8595.4	7962.4	7347.7	6883.7
35°	13503.1	13229.6	12329.2	11733.0	11361.2	10808.0	9735.5	8829.0	8159.0	7648.9	6926.7
32.5°	14080.9	13374.0	12584.3	11981.9	11674.6	10768.1	9754.0	8896.6	8251.2	7679.6	6816.1
30°	13951.8	13097.5	12406.0	11902.0	11235.2	10420.8	9581.9	8792.1	8165.2	7473.7	6693.2
27.5°	13174.3	12513.6	11895.9	11370.4	10715.8	9984.4	9210.0	8515.5	7931.6	7261.7	6524.1
25°	12295.4	11696.1	11238.3	10780.4	10159.6	9462.0	8779.8	8278.9	7691.9	7031.2	6302.9
22.5°	11487.2	11056.9	10697.4	10218.0	9612.6	9004.1	8580.0	8060.7	7458.4	6788.4	6075.5
20°	10970.9	10679.0	10267.2	9738.6	9262.3	8881.2	8411.0	7860.9	7240.2	6539.5	5881.9
17.5°	10722.0	10383.9	9926.0	9581.9	9216.2	8798.2	8272.7	7688.8	7028.1	6425.8	5903.4
15°	10592.9	10236.4	9935.3	9597.2	9185.4	8746.0	8162.1	7556.7	7028.1	6471.9	5918.8
12.5°	10620.6	10313.3	9984.4	9615.7	9173.1	8703.0	8174.4	7612.0	7065.0	6505.7	5921.8
10°	10706.6	10383.9	10033.6	9624.9	9179.3	8715.3	8208.2	7645.8	7083.4	6521.1	5915.7
7.5°	10737.3	10387.0	10012.1	9600.3	9163.9	8709.1	8214.3	7655.0	7086.5	6518.0	5897.2
5°	10642.1	10325.5	9962.9	9548.1	9120.9	8678.4	8189.8	7642.8	7061.9	6487.3	5851.1
2.5°	10513.0	10257.9	9910.7	9511.2	9077.9	8635.4	8149.8	7587.4	7006.6	6432.0	5792.8
0°	10491.5	10175.0	9824.6	9468.2	9007.2	8540.1	8057.6	7482.9	6905.2	6327.5	5691.3
-2.5°	10350.1	10015.2	9664.8	9277.6	8872.0	8401.8	7894.7	7332.4	6760.8	6192.3	5580.7
-5°	10242.6	9870.7	9498.9	9081.0	8672.2	8202.1	7676.6	7129.5	6570.2	6017.1	5427.1
-7.5°	10098.1	9717.1	9326.8	8890.4	8447.9	7968.5	7449.1	6902.1	6352.1	5802.0	5236.5
-10°	9806.2	9471.2	9105.5	8653.8	8186.7	7707.3	7191.0	6653.2	6103.1	5546.9	4978.4
-12.5°	9452.8	9099.4	8699.9	8285.0	7867.1	7421.5	6905.2	6376.6	5823.5	5264.2	4698.7
-15°	8994.9	8647.6	8238.9	7833.3	7430.7	7003.5	6548.7	6072.4	5510.0	4960.0	4394.5
-17.5°	8423.3	8097.6	7731.9	7344.7	6945.2	6514.9	6072.4	5669.8	5144.3	4628.1	4068.8
-20°	7808.7	7504.5	7175.6	6809.9	6410.4	5989.4	5571.5	5150.5	4695.7	4240.9	3721.5



REPORT NUMBER: P722271

CATALOG NUMBER: IFLD-L-SA7C-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°	7169.5	6862.2	6530.3	6189.2	5820.4	5430.1	5042.9	4640.4	4240.9	3829.1	3389.6
-25°	6432.0	6161.5	5857.3	5525.4	5196.6	4855.5	4486.7	4121.0	3779.9	3423.4	3063.9
-27.5°	5660.6	5411.7	5135.1	4846.2	4563.5	4277.7	3958.1	3620.1	3337.4	3042.3	2744.3
-30°	4849.3	4649.6	4425.2	4173.2	3955.1	3724.6	3457.2	3177.6	2919.4	2695.1	2455.4
-32.5°	4081.1	3912.0	3752.2	3586.3	3371.2	3192.9	3008.5	2802.6	2575.2	2363.2	2191.1
-35°	3420.3	3239.0	3171.4	3048.5	2894.8	2738.1	2602.9	2455.4	2283.3	2095.8	1954.5
-37.5°	2864.1	2756.6	2661.3	2593.7	2492.3	2366.3	2258.7	2151.2	2019.0	1877.7	1736.3
-40°	2430.8	2357.1	2252.6	2218.8	2154.2	2068.2	1957.6	1874.6	1785.5	1677.9	1558.1
-42.5°	2083.5	2028.2	1960.6	1902.2	1874.6	1813.1	1727.1	1647.2	1576.5	1502.7	1410.5
-45°	1797.8	1760.9	1717.9	1665.6	1644.1	1594.9	1533.5	1444.3	1404.4	1342.9	1275.3
-47.5°	1567.3	1548.8	1518.1	1484.3	1453.6	1416.7	1361.4	1306.1	1250.7	1210.8	1158.6
-50°	1386.0	1373.7	1355.2	1327.6	1287.6	1263.0	1226.2	1177.0	1124.7	1090.9	1054.1
-52.5°	1241.5	1229.2	1216.9	1195.4	1164.7	1140.1	1109.4	1069.4	1026.4	992.6	961.9
-55°	1130.9	1112.5	1103.2	1084.8	1060.2	1032.6	1004.9	977.2	940.4	909.6	878.9
-57.5°	1044.8	1020.3	1008.0	992.6	968.0	940.4	918.9	891.2	866.6	832.8	805.1
-60°	977.2	949.6	925.0	909.6	888.1	860.5	839.0	817.4	792.9	765.2	731.4
-62.5°	921.9	888.1	854.3	835.9	814.4	789.8	768.3	746.8	722.2	694.5	663.8
-65°	869.7	829.7	786.7	768.3	746.8	722.2	694.5	679.2	657.6	633.1	602.3
-67.5°	805.1	762.1	725.2	703.7	682.2	660.7	636.1	620.8	599.3	568.5	537.8
-70°	709.9	682.2	657.6	639.2	620.8	602.3	577.7	553.2	528.6	500.9	473.3
-72.5°	590.0	580.8	577.7	568.5	547.0	525.5	500.9	476.3	454.8	433.3	411.8
-75°	476.3	482.5	488.6	485.5	464.0	442.5	421.0	399.5	384.1	365.7	347.3
-77.5°	378.0	384.1	390.3	390.3	374.9	362.6	347.3	331.9	319.6	304.2	285.8
-80°	291.9	301.2	310.4	316.5	304.2	295.0	282.7	270.4	258.1	245.8	233.6
-82.5°	221.3	230.5	239.7	245.8	236.6	230.5	221.3	212.0	202.8	190.5	181.3
-85°	159.8	165.9	172.1	175.2	169.0	162.9	156.7	150.6	144.4	135.2	129.1
-87.5°	92.2	95.3	98.3	101.4	95.3	89.1	86.0	79.9	76.8	70.7	67.6
-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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 CATALOG NUMBER: IFLD-L-SA7C-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°	76.8	70.7	64.5	61.5	55.3	46.1	40.0	33.8	27.7	21.5	18.4
85°	162.9	147.5	129.1	119.9	107.6	95.3	83.0	70.7	58.4	46.1	33.8
82.5°	279.7	261.2	242.8	221.3	193.6	159.8	126.0	104.5	86.0	67.6	52.2
80°	421.0	387.2	356.5	328.8	298.1	255.1	209.0	165.9	116.8	89.1	67.6
77.5°	583.9	543.9	500.9	454.8	405.6	347.3	295.0	239.7	181.3	122.9	86.0
75°	768.3	716.0	657.6	593.1	528.6	451.7	378.0	313.5	245.8	172.1	104.5
72.5°	974.2	909.6	839.0	752.9	651.5	562.4	473.3	387.2	307.3	218.2	141.4
70°	1238.5	1137.0	1032.6	940.4	811.3	669.9	565.4	467.1	365.7	267.4	178.2
67.5°	1521.2	1398.3	1272.3	1137.0	974.2	808.2	657.6	547.0	427.2	313.5	212.0
65°	1828.5	1674.8	1515.0	1364.4	1140.1	943.4	774.4	623.8	485.5	356.5	245.8
62.5°	2145.0	1963.7	1779.3	1582.6	1324.5	1081.7	885.0	709.9	540.9	396.4	276.6
60°	2483.0	2271.0	2046.7	1800.8	1499.7	1232.3	989.5	799.0	599.3	436.4	310.4
57.5°	2839.5	2609.0	2344.8	2012.9	1681.0	1376.7	1109.4	878.9	651.5	473.3	335.0
55°	3226.7	2962.4	2673.6	2234.1	1859.2	1521.2	1229.2	958.8	706.8	504.0	359.6
52.5°	3644.7	3337.4	2971.7	2467.7	2046.7	1668.7	1339.9	1029.5	759.1	537.8	381.1
50°	4111.8	3724.6	3232.9	2682.8	2209.5	1807.0	1450.5	1106.3	802.1	574.7	399.5
47.5°	4597.3	4179.4	3466.4	2882.5	2375.5	1942.2	1564.2	1173.9	845.1	605.4	417.9
45°	5104.4	4495.9	3709.2	3060.8	2519.9	2065.1	1650.2	1235.4	897.3	633.1	433.3
42.5°	5605.3	4735.6	3921.3	3239.0	2655.1	2175.7	1720.9	1293.8	940.4	660.7	448.7
40°	5841.9	4916.9	4090.3	3361.9	2768.8	2274.1	1782.4	1346.0	977.2	679.2	464.0
37.5°	5940.3	5027.6	4200.9	3478.7	2858.0	2326.3	1834.6	1392.1	1008.0	697.6	476.3
35°	5961.8	5067.5	4256.2	3558.6	2931.7	2375.5	1874.6	1425.9	1032.6	716.0	488.6
32.5°	5921.8	5055.2	4271.6	3586.3	2977.8	2412.4	1902.2	1450.5	1051.0	734.5	500.9
30°	5832.7	4990.7	4216.3	3583.2	3011.6	2433.9	1920.7	1468.9	1069.4	746.8	507.1
27.5°	5688.3	4877.0	4145.6	3586.3	3030.1	2443.1	1929.9	1478.2	1081.7	756.0	519.4
25°	5510.0	4723.3	4148.7	3580.1	3033.1	2446.2	1929.9	1478.2	1084.8	759.1	528.6
22.5°	5304.1	4723.3	4148.7	3570.9	3014.7	2440.0	1920.7	1472.0	1084.8	765.2	537.8
20°	5316.4	4726.4	4139.4	3552.5	2987.0	2421.6	1899.2	1456.6	1075.6	774.4	543.9
17.5°	5325.6	4720.3	4121.0	3527.9	2950.2	2390.9	1871.5	1435.1	1075.6	783.6	547.0
15°	5325.6	4701.8	4093.3	3491.0	2904.1	2347.8	1831.6	1416.7	1078.7	786.7	553.2
12.5°	5316.4	4668.0	4050.3	3441.8	2848.7	2295.6	1807.0	1410.5	1078.7	789.8	553.2
10°	5298.0	4621.9	3995.0	3380.4	2796.5	2277.2	1794.7	1398.3	1072.5	789.8	553.2
7.5°	5264.2	4566.6	3948.9	3343.5	2765.8	2255.6	1776.2	1379.8	1063.3	783.6	559.3
5°	5211.9	4535.9	3912.0	3300.5	2722.7	2240.3	1763.9	1364.4	1057.1	783.6	553.2
2.5°	5144.3	4499.0	3869.0	3245.2	2673.6	2188.0	1724.0	1330.6	1035.6	771.3	547.0
0°	5033.7	4425.2	3795.3	3168.3	2606.0	2135.8	1684.0	1296.8	1014.1	759.1	540.9
-2.5°	4932.3	4326.9	3700.0	3088.4	2541.4	2089.7	1653.3	1278.4	1004.9	756.0	537.8
-5°	4790.9	4191.7	3574.0	2984.0	2455.4	2043.6	1622.6	1256.9	995.7	749.8	537.8
-7.5°	4634.2	4050.3	3441.8	2876.4	2369.3	1963.7	1564.2	1223.1	974.2	737.5	534.7
-10°	4391.4	3838.3	3275.9	2753.5	2277.2	1893.0	1515.0	1192.4	955.7	725.2	522.4
-12.5°	4133.3	3604.7	3085.4	2602.9	2172.7	1819.3	1459.7	1158.6	934.2	713.0	516.3
-15°	3859.8	3365.0	2885.6	2446.2	2059.0	1730.1	1401.3	1121.7	912.7	697.6	507.1
-17.5°	3574.0	3113.0	2679.7	2286.4	1945.3	1638.0	1339.9	1087.9	888.1	682.2	497.8
-20°	3272.8	2854.9	2470.8	2123.5	1825.4	1545.8	1275.3	1047.9	860.5	663.8	485.5



REPORT NUMBER: P722271
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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°	2974.7	2599.8	2255.6	1963.7	1702.5	1450.5	1210.8	1008.0	829.7	642.3	476.3
-25°	2710.5	2360.1	2065.1	1810.0	1582.6	1358.3	1143.2	968.0	795.9	620.8	464.0
-27.5°	2452.3	2154.2	1877.7	1665.6	1465.9	1269.2	1078.7	925.0	762.1	596.2	451.7
-30°	2212.6	1957.6	1730.1	1524.2	1355.2	1189.3	1023.3	882.0	725.2	571.6	436.4
-32.5°	1994.4	1788.5	1598.0	1401.3	1250.7	1109.4	971.1	839.0	688.4	547.0	421.0
-35°	1791.6	1631.8	1465.9	1299.9	1146.3	1035.6	915.8	792.9	654.6	519.4	405.6
-37.5°	1610.3	1481.2	1349.1	1207.7	1075.6	964.9	863.5	746.8	620.8	494.8	390.3
-40°	1453.6	1349.1	1232.3	1118.6	1008.0	903.5	811.3	700.7	587.0	476.3	374.9
-42.5°	1309.1	1229.2	1134.0	1038.7	940.4	848.2	759.1	651.5	553.2	454.8	359.6
-45°	1198.5	1118.6	1041.8	955.7	872.8	792.9	703.7	608.5	522.4	430.2	344.2
-47.5°	1094.0	1023.3	952.7	882.0	814.4	740.6	651.5	571.6	488.6	408.7	331.9
-50°	1001.8	934.2	872.8	811.3	752.9	682.2	599.3	534.7	461.0	387.2	316.5
-52.5°	915.8	857.4	795.9	746.8	697.6	626.9	559.3	497.8	433.3	362.6	301.2
-55°	839.0	783.6	728.3	682.2	636.1	574.7	519.4	467.1	405.6	344.2	285.8
-57.5°	765.2	719.1	666.9	623.8	577.7	528.6	482.5	433.3	378.0	325.7	270.4
-60°	697.6	654.6	608.5	565.4	525.5	485.5	442.5	402.6	353.4	304.2	255.1
-62.5°	630.0	593.1	553.2	510.1	479.4	442.5	408.7	368.8	328.8	285.8	227.4
-65°	568.5	534.7	497.8	461.0	433.3	405.6	374.9	338.0	304.2	264.3	202.8
-67.5°	507.1	476.3	445.6	414.9	390.3	368.8	338.0	310.4	282.7	239.7	178.2
-70°	448.7	424.1	396.4	371.8	353.4	328.8	307.3	282.7	258.1	209.0	150.6
-72.5°	393.4	368.8	347.3	328.8	313.5	291.9	273.5	255.1	221.3	175.2	126.0
-75°	328.8	313.5	301.2	285.8	270.4	255.1	239.7	218.2	184.4	141.4	98.3
-77.5°	270.4	261.2	252.0	239.7	227.4	215.1	196.7	175.2	147.5	110.6	79.9
-80°	221.3	212.0	205.9	193.6	184.4	172.1	153.7	135.2	107.6	86.0	64.5
-82.5°	169.0	162.9	156.7	150.6	141.4	129.1	110.6	95.3	79.9	64.5	49.2
-85°	119.9	116.8	110.6	104.5	95.3	86.0	73.8	64.5	55.3	43.0	33.8
-87.5°	61.5	58.4	55.3	52.2	49.2	43.0	36.9	30.7	27.7	21.5	15.4
-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-SA7C-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.3	9.2	3.1	0.0
85°	24.6	15.4	6.1	0.0
82.5°	36.9	24.6	9.2	0.0
80°	49.2	30.7	15.4	0.0
77.5°	61.5	36.9	18.4	0.0
75°	73.8	46.1	21.5	0.0
72.5°	83.0	52.2	24.6	0.0
70°	98.3	61.5	27.7	0.0
67.5°	122.9	67.6	30.7	0.0
65°	144.4	73.8	33.8	0.0
62.5°	169.0	79.9	36.9	0.0
60°	190.5	86.0	40.0	0.0
57.5°	212.0	101.4	43.0	0.0
55°	230.5	113.7	46.1	0.0
52.5°	252.0	126.0	49.2	0.0
50°	270.4	138.3	52.2	0.0
47.5°	285.8	150.6	52.2	0.0
45°	298.1	159.8	55.3	0.0
42.5°	307.3	169.0	58.4	0.0
40°	316.5	178.2	61.5	0.0
37.5°	325.7	187.5	61.5	0.0
35°	335.0	196.7	64.5	0.0
32.5°	344.2	205.9	64.5	0.0
30°	350.3	212.0	67.6	0.0
27.5°	359.6	218.2	67.6	0.0
25°	362.6	224.3	70.7	0.0
22.5°	368.8	227.4	70.7	0.0
20°	374.9	233.6	70.7	0.0
17.5°	378.0	236.6	73.8	0.0
15°	378.0	239.7	76.8	0.0
12.5°	381.1	242.8	76.8	0.0
10°	381.1	248.9	73.8	0.0
7.5°	387.2	245.8	73.8	0.0
5°	384.1	245.8	73.8	0.0
2.5°	381.1	242.8	73.8	0.0
0°	378.0	242.8	73.8	0.0
-2.5°	378.0	242.8	73.8	0.0
-5°	378.0	242.8	73.8	0.0
-7.5°	374.9	245.8	73.8	0.0
-10°	368.8	245.8	73.8	0.0
-12.5°	365.7	236.6	73.8	0.0
-15°	362.6	233.6	73.8	0.0
-17.5°	356.5	230.5	70.7	0.0
-20°	350.3	227.4	70.7	0.0



REPORT NUMBER: P722271

CATALOG NUMBER: IFLD-L-SA7C-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	344.2	221.3	70.7	0.0
-25°	338.0	215.1	67.6	0.0
-27.5°	331.9	209.0	67.6	0.0
-30°	322.7	202.8	64.5	0.0
-32.5°	313.5	196.7	64.5	0.0
-35°	307.3	187.5	61.5	0.0
-37.5°	298.1	178.2	61.5	0.0
-40°	288.9	169.0	58.4	0.0
-42.5°	279.7	159.8	55.3	0.0
-45°	267.4	150.6	55.3	0.0
-47.5°	258.1	141.4	52.2	0.0
-50°	242.8	129.1	49.2	0.0
-52.5°	224.3	116.8	46.1	0.0
-55°	205.9	107.6	43.0	0.0
-57.5°	187.5	95.3	43.0	0.0
-60°	169.0	83.0	40.0	0.0
-62.5°	150.6	76.8	36.9	0.0
-65°	132.1	70.7	33.8	0.0
-67.5°	110.6	61.5	30.7	0.0
-70°	92.2	55.3	27.7	0.0
-72.5°	79.9	49.2	24.6	0.0
-75°	67.6	43.0	21.5	0.0
-77.5°	58.4	36.9	18.4	0.0
-80°	46.1	27.7	12.3	0.0
-82.5°	33.8	21.5	9.2	0.0
-85°	21.5	15.4	6.1	0.0
-87.5°	12.3	6.1	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)