

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: P722764

Luminaire Tested: **IFLD-L-SA7C-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722764
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	32755.2 lumens	Max Intensity:	22866.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	20896.4 lumens	Field Lumens:	30880.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

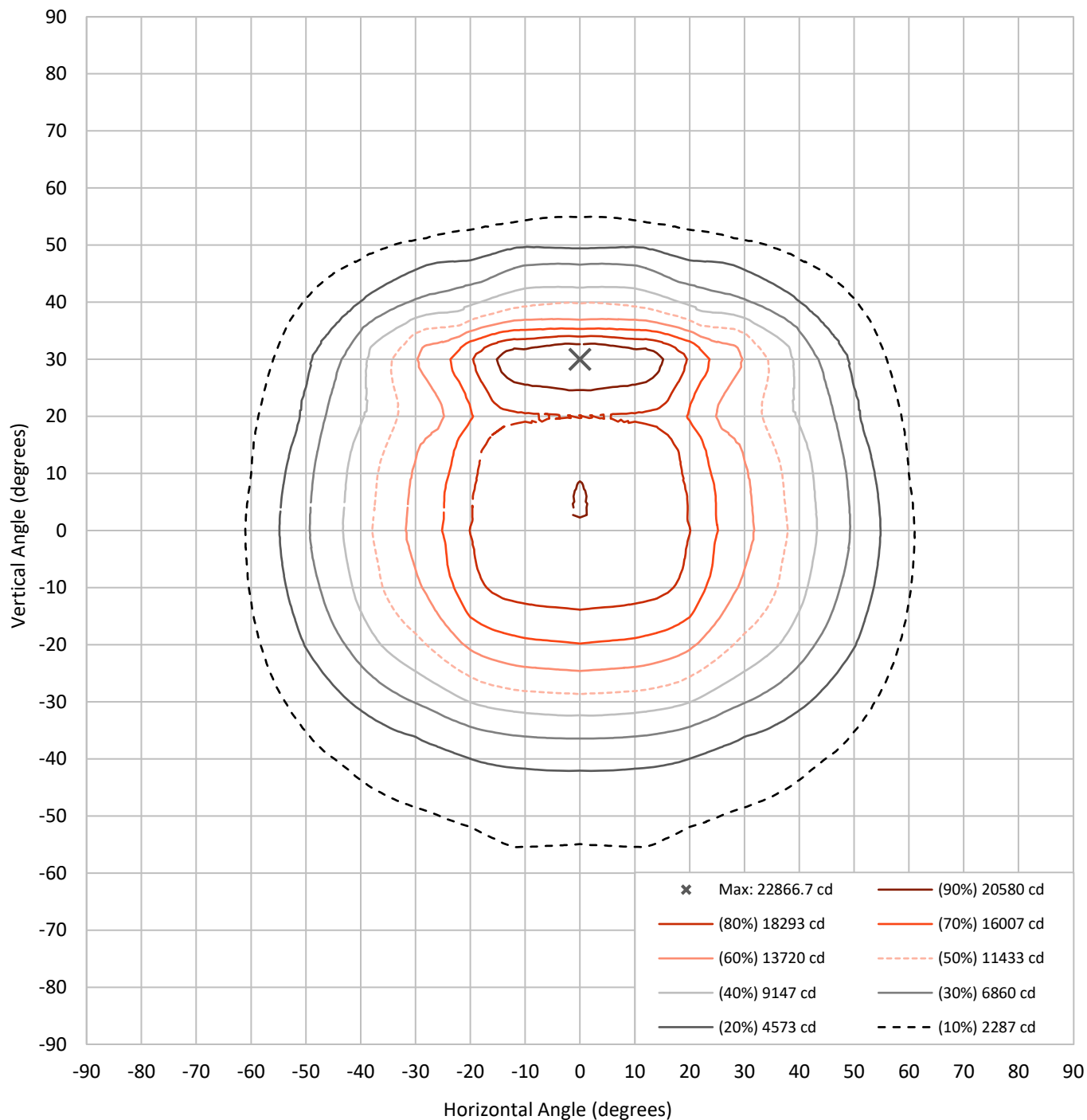
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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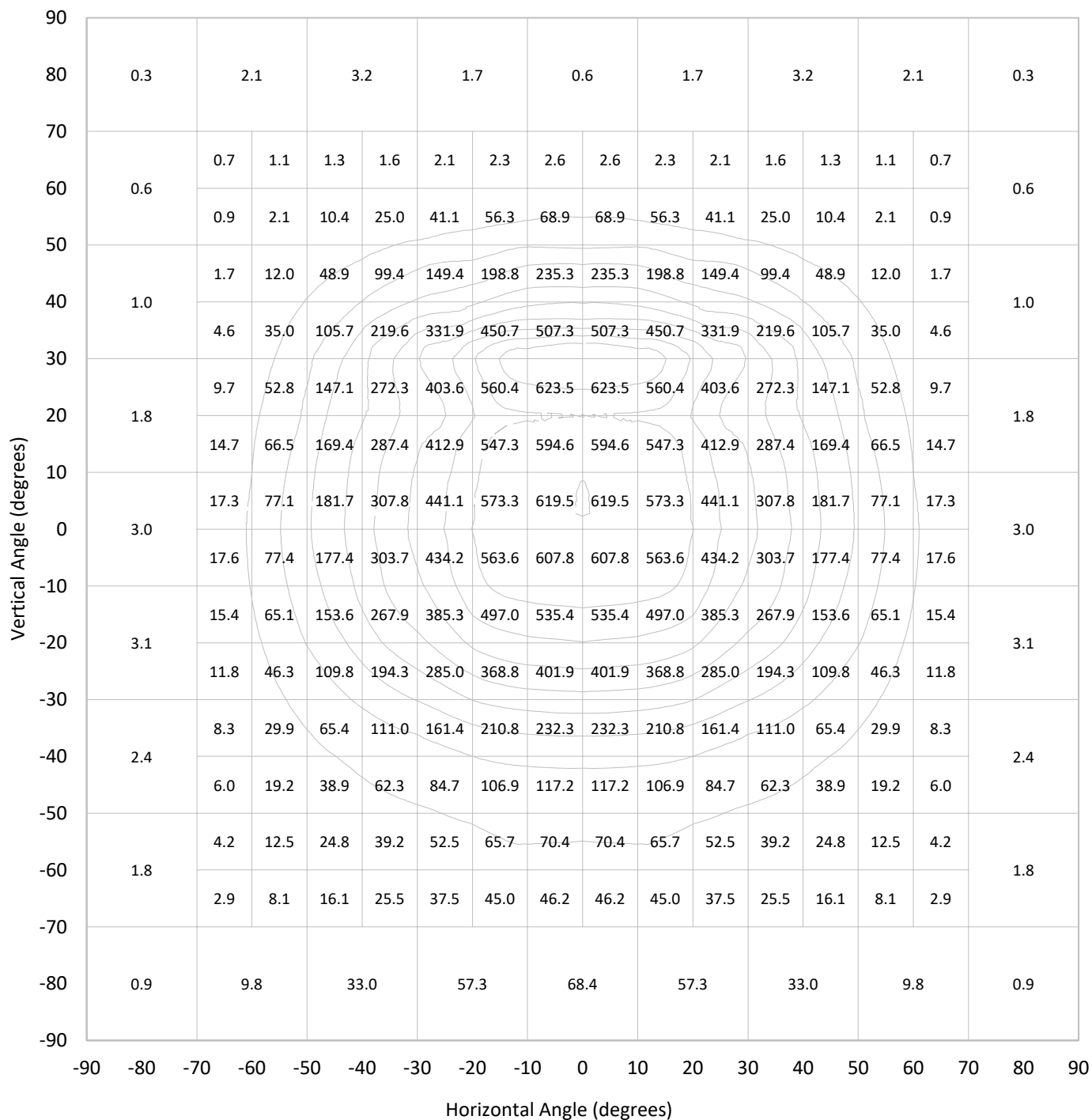
Iso-Candela Plot



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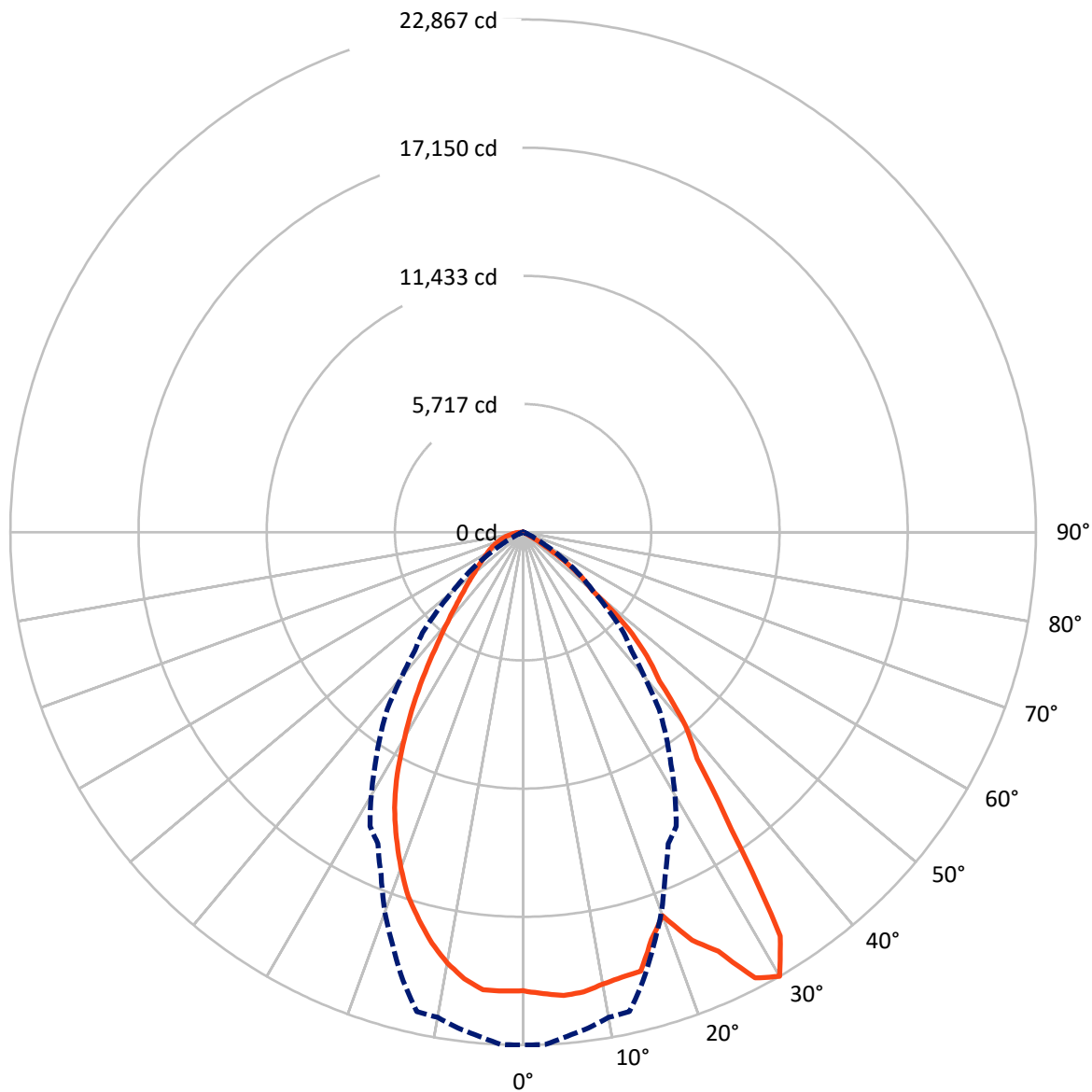
Lumen Table



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Luminous Intensity Polar Plot

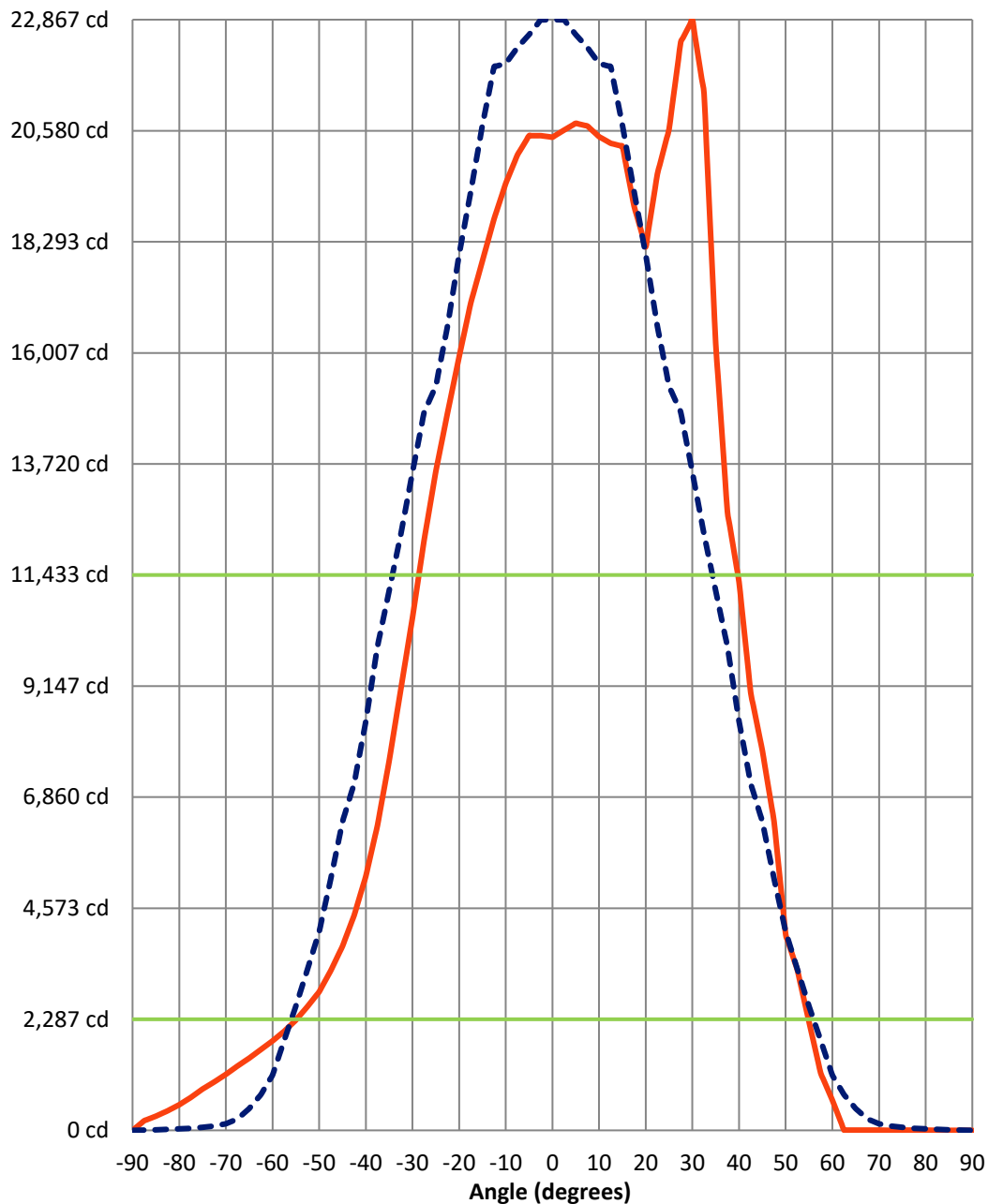


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20896.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 30880.8

Efficiency: 94.3%

Spill:

Lumens: 1874.4

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	10.4	10.4	15.6
82.5°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.6	15.6	20.9
80°	5.2	5.2	5.2	5.2	10.4	10.4	10.4	15.6	15.6	20.9	20.9
77.5°	5.2	5.2	5.2	10.4	10.4	10.4	15.6	15.6	20.9	20.9	26.1
75°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.9	20.9	26.1
72.5°	0.0	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.9	20.9	20.9
70°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.9	20.9	20.9
67.5°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	20.9	20.9	20.9	26.1
65°	5.2	5.2	5.2	10.4	15.6	15.6	20.9	26.1	26.1	31.3	36.5
62.5°	5.2	10.4	10.4	15.6	20.9	26.1	57.4	88.7	88.7	62.6	52.1
60°	620.6	672.7	667.5	604.9	526.7	443.3	427.6	412.0	380.7	333.7	349.4
57.5°	1178.5	1241.1	1267.2	1251.5	1209.8	1136.8	1095.1	1048.2	985.6	912.6	829.1
55°	2231.9	2258.0	2200.6	2091.1	1971.2	1851.2	1809.5	1746.9	1653.1	1559.2	1434.1
52.5°	3300.9	3389.6	3363.5	3254.0	3092.4	2878.6	2643.9	2461.4	2351.9	2247.6	2122.4
50°	4031.0	4067.5	4140.5	4270.9	4317.8	4171.8	3791.1	3300.9	2951.6	3128.9	2993.3
47.5°	6362.0	6544.5	6508.0	6414.2	6257.7	5861.4	5329.5	4891.5	4526.4	4406.5	4427.3
45°	7816.9	7889.9	7863.9	7822.1	7749.1	7378.9	6789.6	6116.9	5778.0	5642.4	5501.6
42.5°	9011.1	9089.3	9105.0	9110.2	9032.0	8693.0	8161.1	7488.4	7149.4	6758.3	6450.7
40°	11290.0	11404.7	11274.3	11102.2	10841.5	10455.6	9934.1	9313.6	8713.9	8234.1	7869.1
37.5°	12744.9	12885.7	12937.8	12927.4	12870.0	12703.2	12061.8	11472.5	10554.7	9480.4	9673.4
35°	16197.1	16343.1	16301.4	16144.9	16061.5	15884.2	15258.4	14559.6	13407.2	12239.1	11926.2
32.5°	21344.0	21662.1	21067.7	20415.8	20014.3	20155.1	19518.9	17808.4	17276.5	15169.8	14194.6
30°	22866.7	22861.5	22559.1	22293.1	21964.6	21896.8	20697.4	19331.1	18027.4	16551.7	15321.0
27.5°	22402.6	22308.8	22053.2	21860.3	21552.6	21391.0	20217.6	19133.0	17625.9	16306.6	15117.6
25°	20614.0	20687.0	20426.2	20389.7	20269.8	19956.9	19372.9	18152.6	16807.2	15347.1	14491.8
22.5°	19691.0	19664.9	19352.0	19169.5	19315.5	18981.7	18747.1	17516.4	16113.6	14882.9	13855.6
20°	18189.1	18194.3	18116.1	18100.5	18011.8	17860.6	17672.8	16802.0	15811.2	14757.8	13521.9
17.5°	19028.7	19242.5	19336.4	18559.4	18778.4	18606.3	18408.1	17193.1	16447.4	15513.9	13902.6
15°	20259.4	20181.1	20087.3	20045.6	19925.6	19764.0	19404.1	18434.2	17151.4	16186.6	14929.9
12.5°	20321.9	20170.7	20134.2	20129.0	20003.8	19779.6	19430.2	18627.1	17490.3	16317.0	15294.9
10°	20457.5	20301.1	20280.2	20306.3	20113.4	19972.6	19623.2	18877.5	17594.6	16541.2	15576.5
7.5°	20676.5	20415.8	20535.7	20457.5	20368.9	20144.6	19769.2	19039.1	17975.3	16838.5	15826.8
5°	20733.9	20447.1	20577.5	20504.5	20374.1	20155.1	19748.3	19143.4	18210.0	16958.4	15925.9
2.5°	20593.1	20509.7	20452.3	20316.7	20259.4	20019.5	19633.6	18987.0	18100.5	16906.3	15905.0
0°	20447.1	20520.1	20389.7	20254.1	20228.1	20035.1	19706.6	19122.5	18356.0	17052.3	16082.3
-2.5°	20478.4	20421.0	20332.4	20191.6	20056.0	19779.6	19482.4	18934.8	18110.9	16734.2	15832.0
-5°	20478.4	20212.4	20222.9	20228.1	20092.5	19805.7	19445.9	18981.7	17964.9	16729.0	15759.0
-7.5°	20082.1	19852.6	19816.1	19784.8	19748.3	19482.4	19200.8	18621.9	17719.8	16593.4	15555.6
-10°	19498.0	19273.8	19294.6	19247.7	19133.0	18955.7	18741.9	18220.4	17479.9	16165.8	15143.7
-12.5°	18767.9	18668.9	18611.5	18533.3	18418.6	18262.1	18043.1	17552.9	16760.3	15639.1	14669.1
-15°	17902.3	17829.3	17777.1	17730.2	17563.3	17401.7	17114.9	16661.2	16165.8	14961.2	13970.4
-17.5°	17036.6	16854.1	16781.1	16718.5	16609.0	16348.3	16087.6	15748.6	15055.0	14100.7	13250.7
-20°	15925.9	15816.4	15727.7	15644.3	15487.9	15284.5	15070.7	14679.6	14079.9	13308.1	12426.8

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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°	14763.0	14700.4	14627.4	14523.1	14418.8	14225.9	13928.6	13553.2	13083.8	12249.5	11425.6
-25°	13563.6	13443.7	13355.0	13255.9	13172.5	12995.2	12708.4	12348.6	11759.3	11039.7	10351.3
-27.5°	12150.4	12035.7	11988.7	11874.0	11801.0	11639.4	11352.5	11018.8	10486.9	9882.0	9183.2
-30°	10554.7	10575.5	10523.4	10413.9	10325.2	10116.6	9897.6	9616.0	9198.8	8620.0	7994.2
-32.5°	9078.9	9105.0	9042.4	8927.7	8813.0	8661.7	8458.3	8202.8	7889.9	7337.2	6794.8
-35°	7603.1	7592.7	7540.6	7472.8	7394.5	7269.4	7039.9	6847.0	6487.2	6101.3	5725.8
-37.5°	6278.6	6304.7	6289.0	6252.5	6163.9	6059.6	5871.8	5694.5	5428.6	5089.6	4797.6
-40°	5230.4	5261.7	5240.8	5204.3	5126.1	5063.5	4938.4	4781.9	4568.1	4276.1	4031.0
-42.5°	4427.3	4448.2	4422.1	4390.8	4323.0	4276.1	4177.0	4046.7	3869.4	3645.1	3426.1
-45°	3791.1	3796.3	3770.3	3749.4	3697.3	3639.9	3556.5	3452.2	3311.4	3154.9	2977.6
-47.5°	3290.5	3285.3	3259.2	3238.4	3196.7	3144.5	3076.7	2982.8	2873.3	2753.4	2612.6
-50°	2852.5	2878.6	2868.1	2847.3	2816.0	2779.5	2711.7	2612.6	2503.1	2414.4	2315.4
-52.5°	2550.0	2555.2	2550.0	2550.0	2544.8	2518.7	2440.5	2341.4	2221.5	2143.3	2059.8
-55°	2268.4	2294.5	2304.9	2315.4	2320.6	2320.6	2226.7	2122.4	2007.7	1929.5	1866.9
-57.5°	2039.0	2054.6	2065.0	2091.1	2112.0	2127.6	2044.2	1950.3	1861.7	1788.7	1731.3
-60°	1840.8	1861.7	1877.3	1903.4	1919.0	1929.5	1877.3	1814.7	1762.6	1715.7	1632.2
-62.5°	1663.5	1679.2	1694.8	1710.4	1726.1	1736.5	1715.7	1684.4	1658.3	1637.4	1533.1
-65°	1486.2	1501.9	1517.5	1538.4	1554.0	1564.4	1559.2	1538.4	1517.5	1496.6	1402.8
-67.5°	1324.6	1340.2	1361.1	1366.3	1376.7	1381.9	1371.5	1355.8	1329.8	1303.7	1230.7
-70°	1152.5	1162.9	1173.3	1173.3	1173.3	1168.1	1157.7	1136.8	1110.7	1074.2	1016.9
-72.5°	996.0	1006.4	1016.9	1001.2	990.8	975.2	959.5	933.4	907.4	881.3	850.0
-75°	850.0	855.2	855.2	834.4	818.7	803.1	782.2	766.6	740.5	719.6	693.6
-77.5°	677.9	677.9	677.9	662.3	651.8	641.4	625.8	610.1	589.3	573.6	552.8
-80°	526.7	526.7	526.7	521.5	505.8	495.4	485.0	474.5	458.9	448.5	438.0
-82.5°	401.5	401.5	401.5	396.3	385.9	380.7	370.2	359.8	354.6	344.2	339.0
-85°	292.0	297.2	297.2	292.0	286.8	276.4	271.2	266.0	260.7	255.5	245.1
-87.5°	198.2	198.2	198.2	192.9	187.7	187.7	182.5	172.1	161.7	156.4	151.2
-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	15.6	15.6	15.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9	15.6
82.5°	26.1	26.1	31.3	31.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5
80°	26.1	31.3	36.5	41.7	46.9	52.1	52.1	52.1	52.1	46.9	46.9
77.5°	31.3	31.3	36.5	41.7	46.9	52.1	57.4	62.6	57.4	57.4	57.4
75°	31.3	36.5	36.5	41.7	46.9	52.1	57.4	62.6	62.6	62.6	62.6
72.5°	26.1	31.3	36.5	41.7	41.7	46.9	52.1	52.1	57.4	57.4	62.6
70°	26.1	31.3	36.5	36.5	41.7	41.7	46.9	52.1	52.1	57.4	57.4
67.5°	31.3	36.5	36.5	41.7	46.9	46.9	46.9	52.1	52.1	57.4	57.4
65°	36.5	41.7	41.7	46.9	52.1	52.1	57.4	57.4	57.4	62.6	62.6
62.5°	62.6	62.6	62.6	57.4	62.6	62.6	62.6	67.8	67.8	62.6	67.8
60°	323.3	234.7	161.7	203.4	182.5	83.4	83.4	83.4	78.2	78.2	73.0
57.5°	761.4	709.2	610.1	516.3	464.1	412.0	255.5	104.3	104.3	93.9	83.4
55°	1272.4	1100.3	1027.3	902.2	766.6	704.0	584.1	396.3	187.7	125.2	109.5
52.5°	1971.2	1809.5	1621.8	1366.3	1183.8	1037.7	938.7	745.7	500.6	266.0	166.9
50°	2638.7	2565.7	2450.9	2200.6	1820.0	1574.9	1413.2	1194.2	896.9	547.6	312.9
47.5°	4250.0	3639.9	3269.7	3076.7	2758.6	2294.5	1981.6	1736.5	1376.7	923.0	552.8
45°	5350.3	4964.5	4375.2	3968.4	3499.1	3008.9	2602.2	2320.6	1893.0	1381.9	865.7
42.5°	6294.2	5960.5	5428.6	4834.1	4338.7	3697.3	3175.8	2805.5	2445.7	1887.7	1293.3
40°	7509.3	7112.9	6601.9	6023.1	5444.2	4625.5	3780.7	3332.2	2935.9	2440.5	1746.9
37.5°	9511.7	8813.0	7978.6	7337.2	6581.0	5887.5	4729.8	3937.1	3467.8	2951.6	2278.9
35°	11921.0	11154.4	9762.0	8912.0	7900.4	6867.8	5824.9	4651.6	3984.1	3436.5	2769.0
32.5°	14163.3	13042.1	11258.7	10262.7	9590.0	7686.6	6607.1	5590.2	4516.0	3843.3	3050.6
30°	14783.9	13548.0	12270.3	11107.5	9960.2	8421.8	7144.2	6351.6	5183.5	4088.4	3316.6
27.5°	14158.1	13308.1	12317.3	11237.8	9996.7	8677.4	7472.8	6716.6	5673.7	4255.2	3525.2
25°	13521.9	12635.4	11941.8	11039.7	9892.4	8661.7	7483.2	6946.1	6054.3	4578.6	3639.9
22.5°	12849.2	12296.4	11722.8	10716.3	9631.7	8708.7	7822.1	7144.2	6252.5	4943.6	3686.8
20°	12885.7	12525.9	11894.9	10549.5	9584.7	8985.0	8228.9	7394.5	6466.3	5261.7	3723.3
17.5°	13469.7	13000.4	12207.8	11039.7	10007.1	9266.6	8567.9	7738.7	6685.3	5543.3	4166.6
15°	14189.4	13475.0	12645.8	11618.5	10450.4	9574.3	8828.6	7978.6	6935.6	5804.0	4562.9
12.5°	14710.9	13694.0	12917.0	11988.7	10930.1	9908.1	9000.7	8161.1	7170.3	6017.8	4860.2
10°	14888.2	13965.1	13047.3	12218.2	11175.2	10085.4	9131.1	8275.8	7373.7	6184.7	5079.2
7.5°	14982.0	14199.8	13136.0	12322.5	11321.3	10194.9	9235.3	8338.4	7535.3	6299.4	5220.0
5°	14971.6	14325.0	13203.8	12353.8	11399.5	10241.8	9308.4	8354.1	7650.1	6398.5	5303.4
2.5°	14924.7	14408.4	13313.3	12405.9	11555.9	10330.5	9449.2	8385.3	7691.8	6508.0	5360.8
0°	15096.7	14413.6	13428.0	12421.6	11660.2	10361.7	9511.7	8359.3	7634.4	6539.3	5355.6
-2.5°	14726.5	14105.9	13401.9	12286.0	11519.4	10288.7	9397.0	8275.8	7509.3	6502.8	5334.7
-5°	14663.9	13881.7	13182.9	12160.8	11284.8	10137.5	9183.2	8119.4	7311.1	6382.9	5251.3
-7.5°	14497.0	13667.9	12969.1	12061.8	11065.7	9981.1	8979.8	7957.7	7097.3	6195.1	5131.3
-10°	14132.0	13339.4	12739.7	11847.9	10799.8	9756.8	8734.7	7743.9	6847.0	5939.6	4943.6
-12.5°	13610.5	12817.9	12223.4	11394.3	10466.0	9454.4	8442.7	7467.5	6560.2	5668.5	4719.4
-15°	13021.3	12218.2	11623.7	10867.6	9970.6	8985.0	8072.5	7118.2	6231.6	5381.6	4453.4
-17.5°	12353.8	11592.4	11018.8	10283.5	9391.8	8453.1	7545.8	6680.1	5851.0	5084.4	4145.7
-20°	11582.0	10841.5	10314.8	9579.5	8760.8	7848.2	6966.9	6148.2	5402.5	4682.9	3806.8

REPORT NUMBER: P722764

CATALOG NUMBER: IFLD-L-SA7C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10627.7	9975.8	9376.1	8719.1	8004.7	7170.3	6351.6	5626.7	4912.3	4208.3	3457.4
-25°	9652.5	9021.5	8437.5	7837.8	7154.7	6435.0	5736.2	5079.2	4380.4	3744.2	3118.4
-27.5°	8567.9	8004.7	7483.2	6930.4	6304.7	5684.1	5110.5	4469.1	3864.1	3321.8	2784.7
-30°	7410.2	6951.3	6497.6	6007.4	5501.6	4980.1	4469.1	3864.1	3389.6	2956.8	2503.1
-32.5°	6299.4	5887.5	5522.4	5157.4	4719.4	4291.8	3838.1	3389.6	2993.3	2612.6	2231.9
-35°	5324.3	4886.2	4682.9	4390.8	4041.4	3655.6	3285.3	2972.4	2654.3	2310.1	1971.2
-37.5°	4479.5	4197.9	3958.0	3739.0	3462.6	3128.9	2862.9	2607.4	2341.4	2028.5	1736.5
-40°	3817.2	3613.8	3374.0	3212.3	2988.1	2748.2	2482.2	2268.4	2044.2	1788.7	1548.8
-42.5°	3285.3	3118.4	2962.0	2789.9	2623.0	2419.7	2190.2	1986.8	1783.4	1595.7	1397.6
-45°	2847.3	2727.3	2602.2	2461.4	2315.4	2138.1	1950.3	1741.7	1595.7	1428.8	1262.0
-47.5°	2487.4	2398.8	2294.5	2185.0	2059.8	1903.4	1731.3	1580.1	1428.8	1288.0	1126.4
-50°	2200.6	2117.2	2033.8	1939.9	1830.4	1694.8	1564.4	1423.6	1282.8	1147.2	996.0
-52.5°	1960.8	1887.7	1820.0	1741.7	1637.4	1522.7	1402.8	1277.6	1147.2	1011.7	891.7
-55°	1793.9	1710.4	1642.7	1564.4	1470.6	1361.1	1251.5	1136.8	1011.7	907.4	808.3
-57.5°	1658.3	1564.4	1486.2	1402.8	1308.9	1215.0	1116.0	1011.7	917.8	818.7	724.9
-60°	1543.6	1434.1	1345.4	1262.0	1173.3	1084.7	1001.2	912.6	823.9	735.3	641.4
-62.5°	1423.6	1308.9	1199.4	1121.2	1053.4	975.2	902.2	818.7	740.5	651.8	584.1
-65°	1288.0	1178.5	1074.2	1006.4	943.9	876.1	808.3	735.3	667.5	599.7	537.1
-67.5°	1136.8	1043.0	969.9	907.4	844.8	787.4	724.9	662.3	604.9	537.1	474.5
-70°	954.3	902.2	860.4	813.5	756.1	704.0	646.6	589.3	526.7	469.3	412.0
-72.5°	813.5	782.2	750.9	704.0	651.8	604.9	558.0	505.8	453.7	401.5	354.6
-75°	667.5	641.4	615.3	584.1	542.3	505.8	464.1	417.2	375.5	339.0	302.5
-77.5°	537.1	516.3	500.6	474.5	443.3	412.0	385.9	354.6	323.3	286.8	250.3
-80°	427.6	417.2	412.0	401.5	375.5	349.4	328.5	302.5	271.2	245.1	219.0
-82.5°	333.7	333.7	328.5	323.3	302.5	281.6	266.0	245.1	224.2	203.4	177.3
-85°	245.1	239.9	239.9	234.7	219.0	208.6	192.9	182.5	166.9	146.0	135.6
-87.5°	146.0	140.8	135.6	130.4	119.9	114.7	104.3	99.1	88.7	78.2	73.0
-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-950-U-76-VI

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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
85°	15.6	10.4	10.4	10.4	10.4	10.4	5.2	5.2	5.2	5.2	5.2
82.5°	31.3	31.3	26.1	26.1	20.9	15.6	10.4	10.4	10.4	5.2	5.2
80°	46.9	46.9	46.9	41.7	36.5	26.1	20.9	15.6	10.4	5.2	5.2
77.5°	57.4	52.1	52.1	46.9	46.9	41.7	31.3	26.1	15.6	10.4	5.2
75°	57.4	57.4	57.4	52.1	52.1	46.9	41.7	31.3	26.1	15.6	10.4
72.5°	62.6	57.4	57.4	57.4	52.1	46.9	41.7	36.5	31.3	20.9	10.4
70°	57.4	57.4	57.4	57.4	52.1	52.1	41.7	36.5	36.5	20.9	15.6
67.5°	57.4	57.4	57.4	52.1	52.1	46.9	41.7	36.5	36.5	26.1	15.6
65°	62.6	57.4	57.4	57.4	52.1	46.9	41.7	36.5	36.5	31.3	20.9
62.5°	67.8	62.6	62.6	57.4	52.1	46.9	41.7	36.5	36.5	31.3	20.9
60°	73.0	67.8	62.6	62.6	57.4	52.1	41.7	41.7	36.5	31.3	20.9
57.5°	78.2	73.0	73.0	67.8	62.6	57.4	46.9	41.7	36.5	31.3	26.1
55°	93.9	83.4	78.2	78.2	73.0	62.6	52.1	41.7	36.5	31.3	26.1
52.5°	125.2	99.1	88.7	88.7	83.4	73.0	57.4	46.9	36.5	31.3	26.1
50°	198.2	125.2	104.3	93.9	93.9	83.4	67.8	52.1	36.5	31.3	26.1
47.5°	312.9	208.6	125.2	109.5	104.3	99.1	78.2	52.1	41.7	31.3	26.1
45°	516.3	307.7	203.4	130.4	109.5	104.3	88.7	57.4	41.7	36.5	26.1
42.5°	709.2	479.8	312.9	156.4	130.4	114.7	93.9	62.6	46.9	36.5	26.1
40°	1116.0	657.1	438.0	255.5	151.2	119.9	104.3	73.0	46.9	36.5	26.1
37.5°	1512.3	870.9	589.3	375.5	172.1	135.6	109.5	78.2	52.1	36.5	31.3
35°	1908.6	1220.3	730.1	500.6	229.4	161.7	114.7	83.4	52.1	36.5	31.3
32.5°	2263.2	1548.8	876.1	625.8	344.2	192.9	125.2	88.7	57.4	41.7	31.3
30°	2555.2	1851.2	1136.8	735.3	448.5	234.7	135.6	88.7	62.6	41.7	31.3
27.5°	2774.3	2085.9	1402.8	850.0	537.1	276.4	156.4	99.1	62.6	41.7	31.3
25°	2951.6	2268.4	1637.4	969.9	615.3	344.2	187.7	104.3	67.8	46.9	31.3
22.5°	3092.4	2419.7	1830.4	1131.6	709.2	412.0	229.4	114.7	67.8	46.9	31.3
20°	3285.3	2570.9	1960.8	1303.7	808.3	474.5	266.0	125.2	67.8	46.9	36.5
17.5°	3452.2	2722.1	2065.0	1449.7	907.4	521.5	307.7	135.6	73.0	46.9	36.5
15°	3645.1	2868.1	2158.9	1564.4	1001.2	563.2	344.2	146.0	73.0	52.1	36.5
12.5°	3853.7	3003.7	2226.7	1658.3	1100.3	599.7	375.5	166.9	78.2	52.1	36.5
10°	4067.5	3118.4	2284.1	1726.1	1173.3	636.2	396.3	187.7	83.4	52.1	36.5
7.5°	4281.3	3222.7	2357.1	1757.4	1204.6	677.9	406.8	208.6	83.4	57.4	36.5
5°	4427.3	3290.5	2461.4	1778.2	1220.3	724.9	422.4	234.7	88.7	57.4	36.5
2.5°	4552.5	3332.2	2570.9	1793.9	1225.5	750.9	417.2	250.3	93.9	57.4	36.5
0°	4609.9	3332.2	2643.9	1783.4	1209.8	777.0	417.2	266.0	93.9	57.4	36.5
-2.5°	4521.2	3426.1	2623.0	1788.7	1215.0	777.0	438.0	271.2	104.3	62.6	36.5
-5°	4380.4	3462.6	2560.4	1762.6	1204.6	777.0	464.1	276.4	109.5	62.6	41.7
-7.5°	4244.8	3478.2	2487.4	1736.5	1189.0	756.1	469.3	271.2	119.9	67.8	41.7
-10°	4067.5	3306.2	2393.6	1689.6	1157.7	740.5	479.8	271.2	125.2	67.8	41.7
-12.5°	3864.1	3097.6	2278.9	1621.8	1121.2	724.9	485.0	271.2	130.4	73.0	41.7
-15°	3629.5	2883.8	2148.5	1548.8	1069.0	704.0	474.5	266.0	135.6	73.0	46.9
-17.5°	3363.5	2675.2	2012.9	1460.1	1011.7	677.9	453.7	260.7	135.6	73.0	46.9
-20°	3061.1	2466.6	1861.7	1371.5	943.9	646.6	432.8	250.3	135.6	73.0	46.9



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CATALOG NUMBER: IFLD-L-SA7C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2789.9	2273.6	1705.2	1272.4	870.9	610.1	406.8	239.9	135.6	78.2	46.9
-25°	2565.7	2085.9	1585.3	1173.3	792.6	568.4	380.7	229.4	135.6	78.2	46.9
-27.5°	2331.0	1882.5	1460.1	1079.5	740.5	531.9	354.6	219.0	130.4	78.2	46.9
-30°	2091.1	1684.4	1329.8	975.2	688.3	495.4	333.7	203.4	130.4	78.2	46.9
-32.5°	1872.1	1522.7	1209.8	870.9	631.0	458.9	312.9	198.2	125.2	78.2	46.9
-35°	1658.3	1376.7	1084.7	787.4	568.4	422.4	292.0	192.9	125.2	78.2	46.9
-37.5°	1481.0	1241.1	969.9	730.1	531.9	391.1	271.2	182.5	119.9	78.2	46.9
-40°	1335.0	1116.0	860.4	667.5	500.6	359.8	250.3	177.3	119.9	78.2	46.9
-42.5°	1199.4	996.0	792.6	615.3	469.3	339.0	234.7	172.1	114.7	78.2	46.9
-45°	1079.5	891.7	724.9	568.4	432.8	312.9	224.2	161.7	109.5	78.2	52.1
-47.5°	959.5	818.7	662.3	526.7	396.3	281.6	213.8	156.4	104.3	73.0	52.1
-50°	865.7	740.5	610.1	479.8	359.8	271.2	203.4	146.0	104.3	73.0	52.1
-52.5°	782.2	667.5	552.8	432.8	328.5	255.5	192.9	135.6	99.1	73.0	52.1
-55°	704.0	599.7	495.4	385.9	307.7	239.9	177.3	125.2	99.1	73.0	52.1
-57.5°	625.8	537.1	438.0	349.4	281.6	224.2	166.9	125.2	99.1	73.0	52.1
-60°	563.2	479.8	396.3	323.3	260.7	203.4	151.2	119.9	93.9	73.0	52.1
-62.5°	511.0	432.8	359.8	292.0	239.9	182.5	146.0	119.9	93.9	73.0	46.9
-65°	458.9	391.1	323.3	266.0	213.8	172.1	140.8	114.7	93.9	73.0	46.9
-67.5°	406.8	344.2	292.0	234.7	198.2	166.9	135.6	114.7	88.7	67.8	46.9
-70°	354.6	302.5	255.5	219.0	187.7	156.4	130.4	109.5	88.7	62.6	41.7
-72.5°	312.9	266.0	229.4	203.4	177.3	151.2	125.2	104.3	83.4	57.4	36.5
-75°	266.0	234.7	208.6	182.5	161.7	140.8	119.9	93.9	73.0	52.1	36.5
-77.5°	224.2	203.4	182.5	166.9	146.0	125.2	104.3	83.4	67.8	46.9	31.3
-80°	192.9	177.3	161.7	146.0	130.4	109.5	93.9	73.0	57.4	41.7	26.1
-82.5°	156.4	146.0	130.4	119.9	109.5	93.9	78.2	62.6	41.7	31.3	20.9
-85°	119.9	109.5	104.3	93.9	83.4	67.8	52.1	41.7	31.3	20.9	10.4
-87.5°	62.6	57.4	52.1	46.9	41.7	31.3	26.1	20.9	15.6	10.4	5.2
-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: P722764

CATALOG NUMBER: IFLD-L-SA7C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.2	0.0	0.0	0.0
77.5°	5.2	0.0	0.0	0.0
75°	5.2	5.2	0.0	0.0
72.5°	5.2	5.2	0.0	0.0
70°	5.2	5.2	0.0	0.0
67.5°	10.4	5.2	0.0	0.0
65°	10.4	5.2	0.0	0.0
62.5°	10.4	5.2	0.0	0.0
60°	10.4	5.2	0.0	0.0
57.5°	15.6	5.2	5.2	0.0
55°	15.6	5.2	5.2	0.0
52.5°	15.6	5.2	5.2	0.0
50°	15.6	10.4	5.2	0.0
47.5°	15.6	10.4	5.2	0.0
45°	15.6	10.4	5.2	0.0
42.5°	15.6	10.4	5.2	0.0
40°	20.9	10.4	5.2	0.0
37.5°	20.9	10.4	5.2	0.0
35°	20.9	10.4	5.2	0.0
32.5°	20.9	10.4	5.2	0.0
30°	20.9	10.4	5.2	0.0
27.5°	20.9	15.6	5.2	0.0
25°	20.9	15.6	5.2	0.0
22.5°	26.1	15.6	5.2	0.0
20°	26.1	15.6	5.2	0.0
17.5°	26.1	15.6	5.2	0.0
15°	26.1	15.6	5.2	0.0
12.5°	26.1	15.6	5.2	0.0
10°	26.1	15.6	5.2	0.0
7.5°	26.1	15.6	5.2	0.0
5°	26.1	15.6	5.2	0.0
2.5°	26.1	15.6	5.2	0.0
0°	26.1	15.6	5.2	0.0
-2.5°	26.1	15.6	5.2	0.0
-5°	26.1	15.6	5.2	0.0
-7.5°	26.1	15.6	5.2	0.0
-10°	26.1	15.6	5.2	0.0
-12.5°	31.3	15.6	5.2	0.0
-15°	31.3	15.6	5.2	0.0
-17.5°	31.3	15.6	5.2	0.0
-20°	31.3	15.6	5.2	0.0

REPORT NUMBER: P722764

CATALOG NUMBER: IFLD-L-SA7C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	31.3	15.6	5.2	0.0
-25°	31.3	15.6	5.2	0.0
-27.5°	31.3	15.6	5.2	0.0
-30°	31.3	15.6	5.2	0.0
-32.5°	31.3	15.6	5.2	0.0
-35°	31.3	15.6	5.2	0.0
-37.5°	31.3	15.6	5.2	0.0
-40°	31.3	15.6	5.2	0.0
-42.5°	26.1	15.6	5.2	0.0
-45°	31.3	15.6	5.2	0.0
-47.5°	31.3	15.6	5.2	0.0
-50°	31.3	15.6	5.2	0.0
-52.5°	31.3	15.6	5.2	0.0
-55°	31.3	15.6	5.2	0.0
-57.5°	31.3	15.6	5.2	0.0
-60°	31.3	15.6	5.2	0.0
-62.5°	26.1	15.6	5.2	0.0
-65°	26.1	10.4	5.2	0.0
-67.5°	26.1	10.4	5.2	0.0
-70°	26.1	10.4	5.2	0.0
-72.5°	20.9	10.4	5.2	0.0
-75°	20.9	10.4	5.2	0.0
-77.5°	15.6	5.2	0.0	0.0
-80°	15.6	5.2	0.0	0.0
-82.5°	10.4	5.2	0.0	0.0
-85°	5.2	5.2	0.0	0.0
-87.5°	5.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)