

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: P722725

Luminaire Tested: **IFLD-S-SA6C-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722725
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

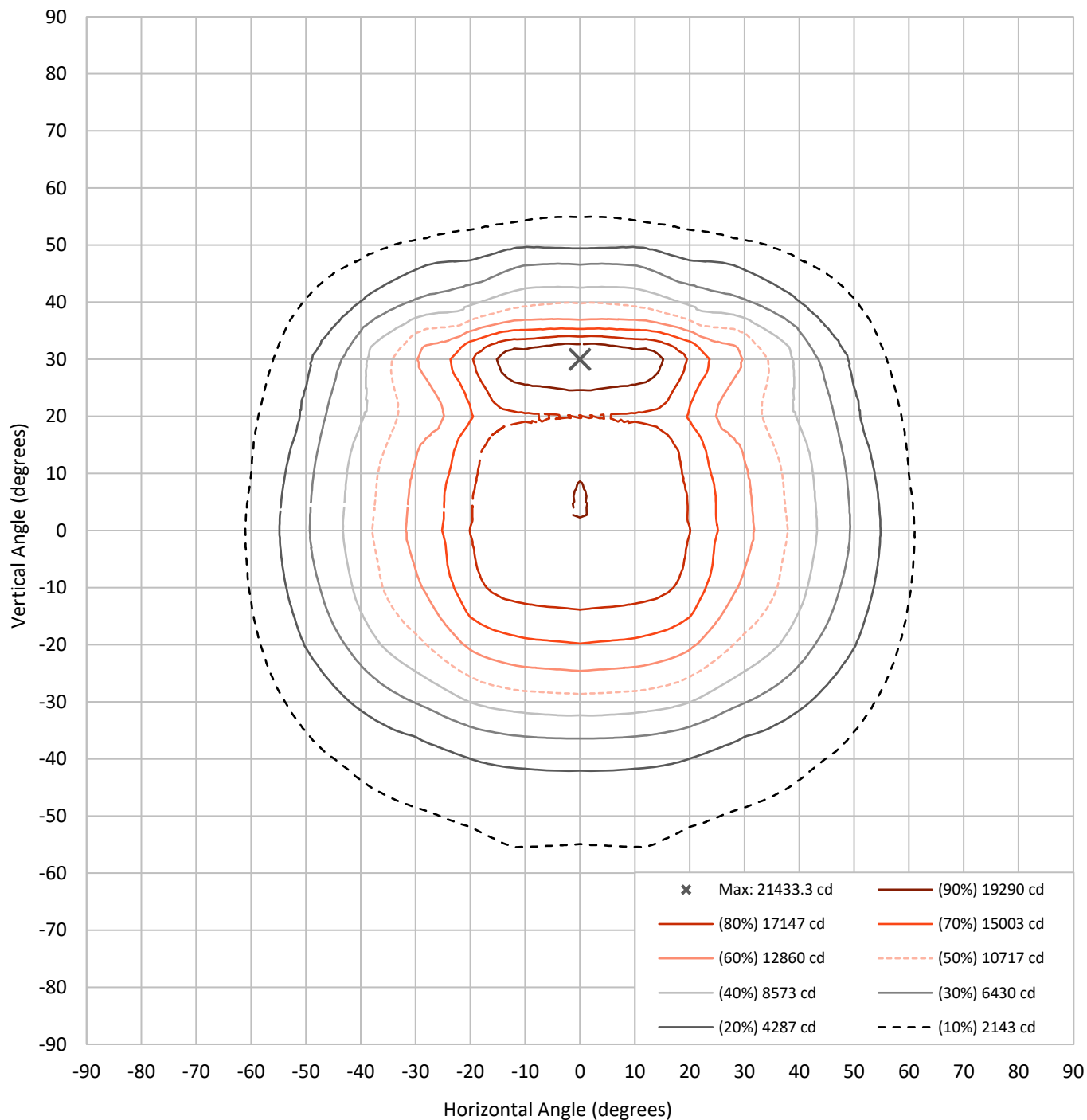
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30701.8 lumens	Max Intensity:	21433.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	19586.4 lumens	Field Lumens:	28944.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	321.5		
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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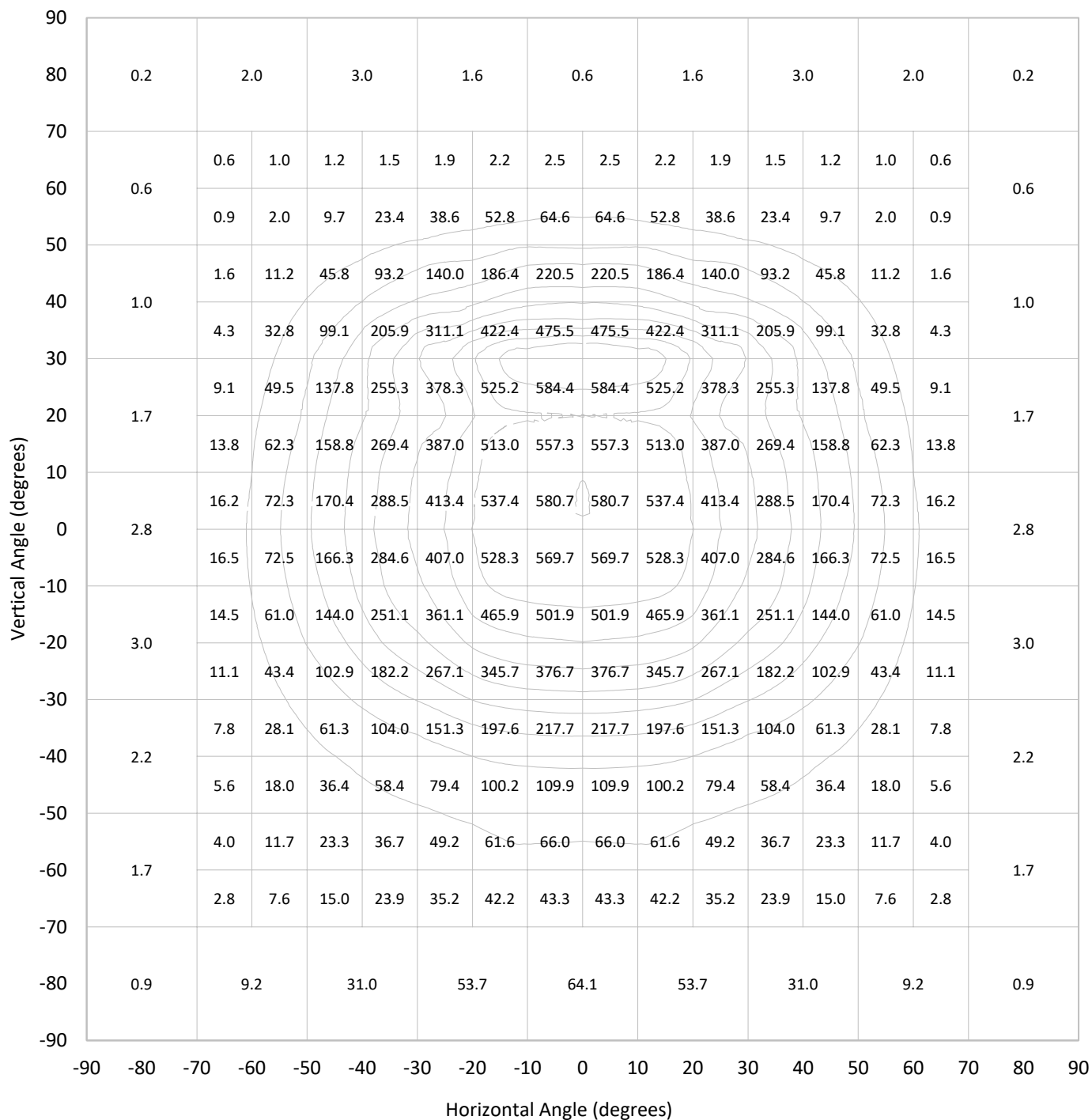
Iso-Candela Plot



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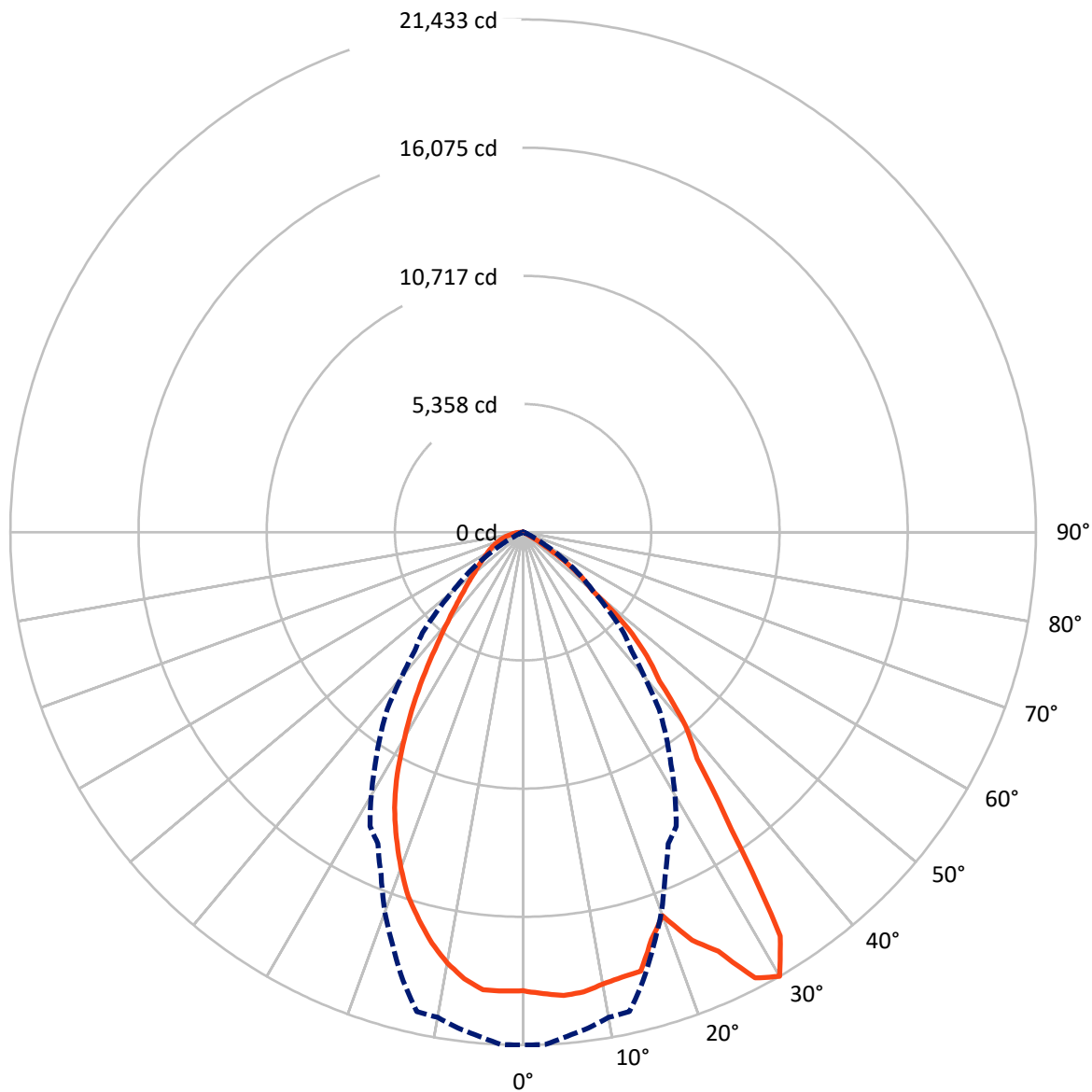
Lumen Table



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Luminous Intensity Polar Plot



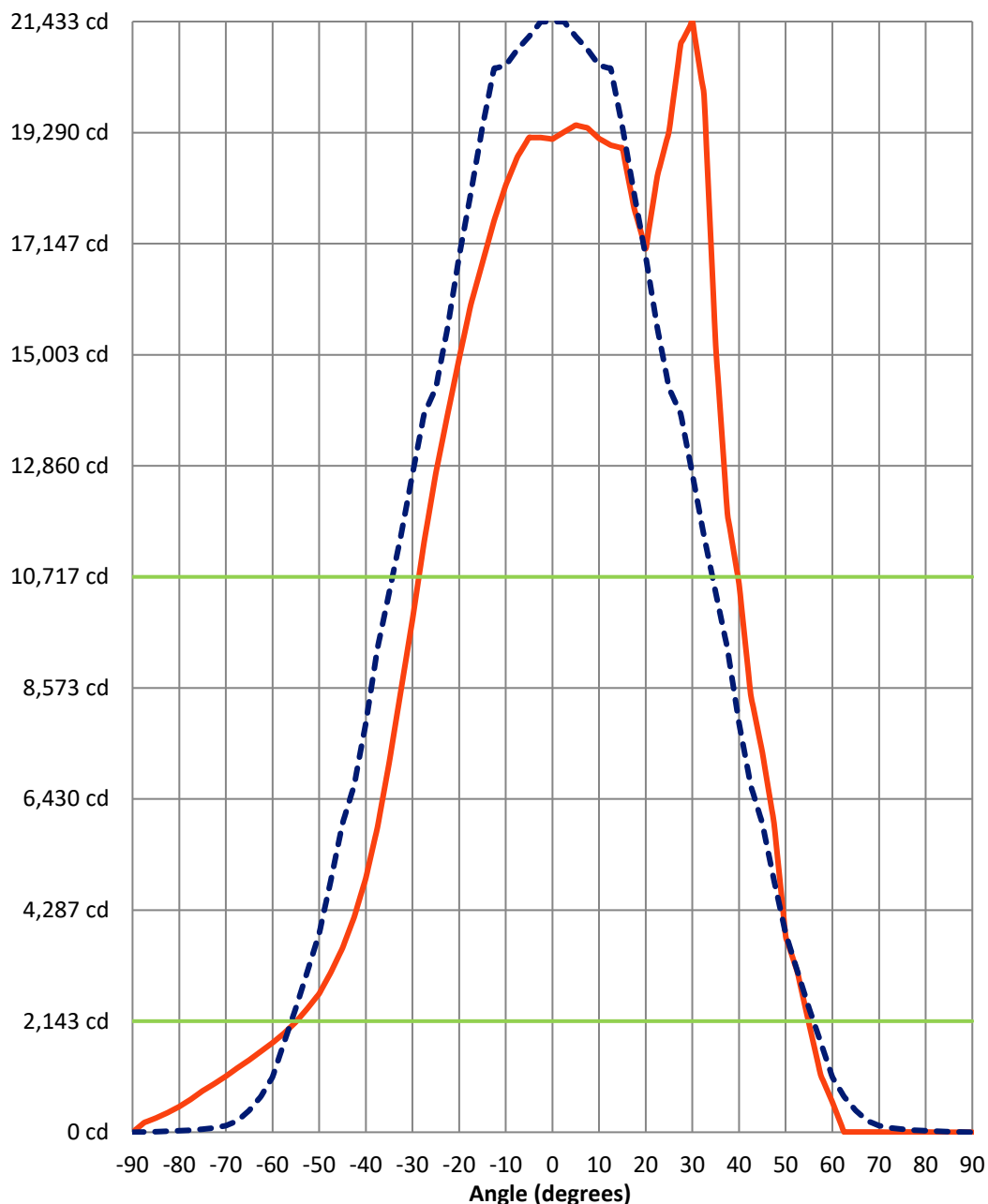
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19586.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 28944.9

Efficiency: 94.3%

Spill:

Lumens: 1756.9

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	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	0.0	4.9	4.9	4.9	9.8	9.8	9.8	9.8	9.8	9.8	14.7
82.5°	0.0	4.9	4.9	4.9	9.8	9.8	9.8	9.8	14.7	14.7	19.6
80°	4.9	4.9	4.9	4.9	9.8	9.8	9.8	14.7	14.7	19.6	19.6
77.5°	4.9	4.9	4.9	9.8	9.8	9.8	14.7	14.7	19.6	19.6	24.4
75°	4.9	4.9	4.9	9.8	9.8	14.7	14.7	14.7	19.6	19.6	24.4
72.5°	0.0	4.9	4.9	9.8	9.8	14.7	14.7	14.7	19.6	19.6	19.6
70°	4.9	4.9	4.9	9.8	9.8	14.7	14.7	14.7	19.6	19.6	19.6
67.5°	4.9	4.9	4.9	9.8	9.8	14.7	14.7	19.6	19.6	19.6	24.4
65°	4.9	4.9	4.9	9.8	14.7	14.7	19.6	24.4	24.4	29.3	34.2
62.5°	4.9	9.8	9.8	14.7	19.6	24.4	53.8	83.1	83.1	58.7	48.9
60°	581.7	630.5	625.6	567.0	493.7	415.5	400.8	386.1	356.8	312.8	327.5
57.5°	1104.7	1163.3	1187.7	1173.1	1134.0	1065.6	1026.5	982.5	923.8	855.4	777.2
55°	2092.0	2116.4	2062.7	1960.0	1847.6	1735.2	1696.1	1637.4	1549.5	1461.5	1344.2
52.5°	3094.0	3177.1	3152.7	3050.0	2898.5	2698.1	2478.1	2307.1	2204.4	2106.7	1989.4
50°	3778.3	3812.5	3881.0	4003.2	4047.1	3910.3	3553.5	3094.0	2766.5	2932.7	2805.6
47.5°	5963.2	6134.3	6100.0	6012.1	5865.4	5494.0	4995.4	4584.8	4242.7	4130.2	4149.8
45°	7326.9	7395.3	7370.9	7331.8	7263.4	6916.3	6364.0	5733.5	5415.7	5288.7	5156.7
42.5°	8446.2	8519.5	8534.2	8539.1	8465.8	8148.1	7649.5	7019.0	6701.3	6334.7	6046.3
40°	10582.2	10689.7	10567.6	10406.3	10161.9	9800.2	9311.4	8729.7	8167.6	7717.9	7375.8
37.5°	11945.9	12077.9	12126.8	12117.0	12063.2	11906.8	11305.6	10753.3	9893.0	8886.1	9067.0
35°	15181.7	15318.6	15279.4	15132.8	15054.6	14888.4	14301.9	13646.9	12566.7	11471.8	11178.5
32.5°	20006.0	20304.2	19747.0	19136.0	18759.6	18891.6	18295.3	16692.0	16193.5	14218.8	13304.8
30°	21433.3	21428.4	21144.9	20895.6	20587.7	20524.1	19399.9	18119.3	16897.3	15514.1	14360.5
27.5°	20998.2	20910.3	20670.8	20489.9	20201.5	20050.0	18950.2	17933.6	16521.0	15284.3	14169.9
25°	19321.7	19390.1	19145.7	19111.5	18999.1	18705.8	18158.4	17014.6	15753.6	14385.0	13583.4
22.5°	18456.6	18432.1	18138.8	17967.8	18104.6	17791.8	17571.9	16418.3	15103.5	13950.0	12987.0
20°	17048.9	17053.7	16980.4	16965.8	16882.7	16740.9	16565.0	15748.7	14820.0	13832.6	12674.2
17.5°	17835.8	18036.2	18124.2	17395.9	17601.2	17439.9	17254.1	16115.3	15416.3	14541.4	13031.0
15°	18989.3	18916.0	18828.0	18788.9	18676.5	18525.0	18187.7	17278.6	16076.2	15171.9	13993.9
12.5°	19048.0	18906.2	18872.0	18867.1	18749.8	18539.7	18212.2	17459.4	16393.9	15294.1	14336.1
10°	19175.1	19028.4	19008.9	19033.3	18852.5	18720.5	18393.0	17694.1	16491.6	15504.3	14600.0
7.5°	19380.4	19136.0	19248.4	19175.1	19092.0	18881.8	18529.9	17845.6	16848.5	15782.9	14834.7
5°	19434.1	19165.3	19287.5	19219.1	19096.9	18891.6	18510.3	17943.3	17068.4	15895.3	14927.5
2.5°	19302.2	19224.0	19170.2	19043.1	18989.3	18764.5	18402.8	17796.7	16965.8	15846.4	14908.0
0°	19165.3	19233.7	19111.5	18984.4	18960.0	18779.2	18471.2	17923.8	17205.3	15983.3	15074.2
-2.5°	19194.6	19140.9	19057.8	18925.8	18798.7	18539.7	18261.0	17747.8	16975.5	15685.1	14839.5
-5°	19194.6	18945.3	18955.1	18960.0	18832.9	18564.1	18226.8	17791.8	16838.7	15680.3	14771.1
-7.5°	18823.1	18608.1	18573.9	18544.5	18510.3	18261.0	17997.1	17454.5	16608.9	15553.2	14580.5
-10°	18275.7	18065.5	18085.1	18041.1	17933.6	17767.4	17567.0	17078.2	16384.1	15152.4	14194.3
-12.5°	17591.4	17498.5	17444.8	17371.5	17263.9	17117.3	16912.0	16452.5	15709.6	14658.7	13749.5
-15°	16780.0	16711.6	16662.7	16618.7	16462.3	16310.8	16042.0	15616.7	15152.4	14023.3	13094.6
-17.5°	15968.6	15797.6	15729.1	15670.5	15567.8	15323.4	15079.0	14761.3	14111.3	13216.8	12420.1
-20°	14927.5	14824.9	14741.8	14663.6	14516.9	14326.3	14125.9	13759.3	13197.2	12473.8	11647.8

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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°	13837.5	13778.9	13710.4	13612.7	13514.9	13334.1	13055.5	12703.5	12263.6	11481.6	10709.3
-25°	12713.3	12600.9	12517.8	12424.9	12346.7	12180.5	11911.7	11574.5	11022.1	10347.6	9702.4
-27.5°	11388.7	11281.2	11237.2	11129.7	11061.2	10909.7	10640.9	10328.0	9829.5	9262.5	8607.5
-30°	9893.0	9912.6	9863.7	9761.1	9678.0	9482.4	9277.2	9013.2	8622.2	8079.6	7493.1
-32.5°	8509.8	8534.2	8475.5	8368.0	8260.5	8118.7	7928.1	7688.6	7395.3	6877.2	6368.9
-35°	7126.5	7116.7	7067.8	7004.3	6931.0	6813.7	6598.6	6417.8	6080.5	5718.8	5366.9
-37.5°	5885.0	5909.4	5894.8	5860.5	5777.4	5679.7	5503.7	5337.5	5088.3	4770.6	4496.8
-40°	4902.5	4931.9	4912.3	4878.1	4804.8	4746.1	4628.8	4482.2	4281.8	4008.0	3778.3
-42.5°	4149.8	4169.3	4144.9	4115.6	4052.0	4008.0	3915.2	3793.0	3626.8	3416.6	3211.3
-45°	3553.5	3558.4	3533.9	3514.4	3465.5	3411.7	3333.5	3235.8	3103.8	2957.2	2791.0
-47.5°	3084.2	3079.4	3054.9	3035.4	2996.3	2947.4	2883.8	2795.9	2693.2	2580.8	2448.8
-50°	2673.7	2698.1	2688.3	2668.8	2639.4	2605.2	2541.7	2448.8	2346.2	2263.1	2170.2
-52.5°	2390.2	2395.1	2390.2	2390.2	2385.3	2360.8	2287.5	2194.6	2082.2	2008.9	1930.7
-55°	2126.2	2150.7	2160.4	2170.2	2175.1	2175.1	2087.1	1989.4	1881.8	1808.5	1749.9
-57.5°	1911.2	1925.8	1935.6	1960.0	1979.6	1994.2	1916.0	1828.1	1745.0	1676.5	1622.8
-60°	1725.4	1745.0	1759.6	1784.1	1798.7	1808.5	1759.6	1701.0	1652.1	1608.1	1529.9
-62.5°	1559.2	1573.9	1588.6	1603.2	1617.9	1627.7	1608.1	1578.8	1554.3	1534.8	1437.0
-65°	1393.0	1407.7	1422.4	1441.9	1456.6	1466.4	1461.5	1441.9	1422.4	1402.8	1314.8
-67.5°	1241.5	1256.2	1275.7	1280.6	1290.4	1295.3	1285.5	1270.8	1246.4	1222.0	1153.5
-70°	1080.2	1090.0	1099.8	1099.8	1099.8	1094.9	1085.1	1065.6	1041.1	1006.9	953.1
-72.5°	933.6	943.4	953.1	938.5	928.7	914.0	899.4	874.9	850.5	826.0	796.7
-75°	796.7	801.6	801.6	782.1	767.4	752.7	733.2	718.5	694.1	674.5	650.1
-77.5°	635.4	635.4	635.4	620.8	611.0	601.2	586.5	571.9	552.3	537.7	518.1
-80°	493.7	493.7	493.7	488.8	474.1	464.3	454.6	444.8	430.1	420.4	410.6
-82.5°	376.4	376.4	376.4	371.5	361.7	356.8	347.0	337.3	332.4	322.6	317.7
-85°	273.7	278.6	278.6	273.7	268.8	259.1	254.2	249.3	244.4	239.5	229.7
-87.5°	185.7	185.7	185.7	180.9	176.0	176.0	171.1	161.3	151.5	146.6	141.7
-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):

	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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	14.7	14.7	14.7	19.6	19.6	19.6	19.6	19.6	19.6	19.6	14.7
82.5°	24.4	24.4	29.3	29.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2
80°	24.4	29.3	34.2	39.1	44.0	48.9	48.9	48.9	48.9	44.0	44.0
77.5°	29.3	29.3	34.2	39.1	44.0	48.9	53.8	58.7	53.8	53.8	53.8
75°	29.3	34.2	34.2	39.1	44.0	48.9	53.8	58.7	58.7	58.7	58.7
72.5°	24.4	29.3	34.2	39.1	39.1	44.0	48.9	48.9	53.8	53.8	58.7
70°	24.4	29.3	34.2	34.2	39.1	39.1	44.0	48.9	48.9	53.8	53.8
67.5°	29.3	34.2	34.2	39.1	44.0	44.0	44.0	48.9	48.9	53.8	53.8
65°	34.2	39.1	39.1	44.0	48.9	48.9	53.8	53.8	53.8	58.7	58.7
62.5°	58.7	58.7	58.7	53.8	58.7	58.7	58.7	63.5	63.5	58.7	63.5
60°	303.0	220.0	151.5	190.6	171.1	78.2	78.2	78.2	73.3	73.3	68.4
57.5°	713.6	664.7	571.9	483.9	435.0	386.1	239.5	97.8	97.8	88.0	78.2
55°	1192.6	1031.3	962.9	845.6	718.5	659.9	547.4	371.5	176.0	117.3	102.6
52.5°	1847.6	1696.1	1520.1	1280.6	1109.5	972.7	879.8	699.0	469.2	249.3	156.4
50°	2473.3	2404.8	2297.3	2062.7	1705.9	1476.1	1324.6	1119.3	840.7	513.2	293.3
47.5°	3983.6	3411.7	3064.7	2883.8	2585.7	2150.7	1857.4	1627.7	1290.4	865.2	518.1
45°	5014.9	4653.2	4100.9	3719.7	3279.8	2820.3	2439.0	2175.1	1774.3	1295.3	811.4
42.5°	5899.6	5586.8	5088.3	4531.0	4066.7	3465.5	2976.7	2629.7	2292.4	1769.4	1212.2
40°	7038.5	6667.0	6188.0	5645.5	5102.9	4335.5	3543.7	3123.3	2751.9	2287.5	1637.4
37.5°	8915.5	8260.5	7478.4	6877.2	6168.5	5518.4	4433.3	3690.3	3250.4	2766.5	2136.0
35°	11173.6	10455.1	9150.1	8353.4	7405.1	6437.3	5459.7	4360.0	3734.3	3221.1	2595.5
32.5°	13275.4	12224.5	10552.9	9619.3	8988.8	7204.7	6192.9	5239.8	4232.9	3602.4	2859.4
30°	13857.1	12698.7	11501.1	10411.1	9335.8	7893.9	6696.4	5953.4	4858.5	3832.1	3108.7
27.5°	13270.5	12473.8	11545.1	10533.3	9370.0	8133.4	7004.3	6295.6	5318.0	3988.5	3304.2
25°	12674.2	11843.3	11193.2	10347.6	9272.3	8118.7	7014.1	6510.6	5674.8	4291.5	3411.7
22.5°	12043.7	11525.6	10987.9	10044.6	9027.9	8162.7	7331.8	6696.4	5860.5	4633.7	3455.7
20°	12077.9	11740.6	11149.2	9888.1	8983.9	8421.8	7713.0	6931.0	6060.9	4931.9	3489.9
17.5°	12625.3	12185.4	11442.5	10347.6	9379.8	8685.7	8030.8	7253.6	6266.2	5195.8	3905.4
15°	13299.9	12630.2	11853.1	10890.2	9795.3	8974.1	8275.1	7478.4	6500.9	5440.2	4276.9
12.5°	13788.7	12835.5	12107.2	11237.2	10245.0	9286.9	8436.4	7649.5	6720.8	5640.6	4555.5
10°	13954.8	13089.7	12229.4	11452.3	10474.7	9453.1	8558.6	7757.0	6911.4	5797.0	4760.8
7.5°	14042.8	13309.6	12312.5	11550.0	10611.5	9555.8	8656.4	7815.7	7063.0	5904.5	4892.7
5°	14033.0	13427.0	12376.1	11579.3	10684.9	9599.8	8724.8	7830.4	7170.5	5997.4	4971.0
2.5°	13989.1	13505.2	12478.7	11628.2	10831.5	9682.8	8856.8	7859.7	7209.6	6100.0	5024.7
0°	14150.4	13510.0	12586.2	11642.9	10929.3	9712.2	8915.5	7835.2	7155.8	6129.4	5019.8
-2.5°	13803.3	13221.7	12561.8	11515.8	10797.3	9643.7	8807.9	7757.0	7038.5	6095.2	5000.3
-5°	13744.7	13011.5	12356.5	11398.5	10577.3	9502.0	8607.5	7610.4	6852.8	5982.7	4922.1
-7.5°	13588.2	12811.1	12156.1	11305.6	10372.0	9355.4	8416.9	7458.9	6652.4	5806.8	4809.7
-10°	13246.1	12503.1	11941.0	11105.2	10122.8	9145.2	8187.2	7258.5	6417.8	5567.3	4633.7
-12.5°	12757.3	12014.4	11457.1	10680.0	9809.9	8861.7	7913.4	6999.4	6148.9	5313.1	4423.5
-15°	12205.0	11452.3	10895.0	10186.3	9345.6	8421.8	7566.4	6671.9	5841.0	5044.3	4174.2
-17.5°	11579.3	10865.7	10328.0	9638.9	8803.0	7923.2	7072.7	6261.3	5484.2	4765.7	3885.8
-20°	10855.9	10161.9	9668.2	8979.0	8211.6	7356.2	6530.2	5762.8	5063.8	4389.3	3568.1

REPORT NUMBER: P722725

CATALOG NUMBER: IFLD-S-SA6C-940-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°	9961.5	9350.5	8788.4	8172.5	7502.9	6720.8	5953.4	5274.0	4604.4	3944.5	3240.7
-25°	9047.4	8456.0	7908.6	7346.5	6706.1	6031.6	5376.6	4760.8	4105.8	3509.5	2922.9
-27.5°	8030.8	7502.9	7014.1	6496.0	5909.4	5327.8	4790.1	4188.9	3621.9	3113.6	2610.1
-30°	6945.6	6515.5	6090.3	5630.8	5156.7	4667.9	4188.9	3621.9	3177.1	2771.4	2346.2
-32.5°	5904.5	5518.4	5176.2	4834.1	4423.5	4022.7	3597.5	3177.1	2805.6	2448.8	2092.0
-35°	4990.5	4579.9	4389.3	4115.6	3788.1	3426.4	3079.4	2786.1	2487.9	2165.3	1847.6
-37.5°	4198.7	3934.7	3709.9	3504.6	3245.5	2932.7	2683.4	2443.9	2194.6	1901.4	1627.7
-40°	3577.9	3387.3	3162.4	3010.9	2800.7	2575.9	2326.6	2126.2	1916.0	1676.5	1451.7
-42.5°	3079.4	2922.9	2776.3	2615.0	2458.6	2268.0	2052.9	1862.3	1671.6	1495.7	1309.9
-45°	2668.8	2556.4	2439.0	2307.1	2170.2	2004.0	1828.1	1632.5	1495.7	1339.3	1182.9
-47.5°	2331.5	2248.4	2150.7	2048.0	1930.7	1784.1	1622.8	1481.0	1339.3	1207.3	1055.8
-50°	2062.7	1984.5	1906.3	1818.3	1715.6	1588.6	1466.4	1334.4	1202.4	1075.3	933.6
-52.5°	1837.8	1769.4	1705.9	1632.5	1534.8	1427.3	1314.8	1197.5	1075.3	948.2	835.8
-55°	1681.4	1603.2	1539.7	1466.4	1378.4	1275.7	1173.1	1065.6	948.2	850.5	757.6
-57.5°	1554.3	1466.4	1393.0	1314.8	1226.9	1138.9	1046.0	948.2	860.3	767.4	679.4
-60°	1446.8	1344.2	1261.1	1182.9	1099.8	1016.7	938.5	855.4	772.3	689.2	601.2
-62.5°	1334.4	1226.9	1124.2	1050.9	987.3	914.0	845.6	767.4	694.1	611.0	547.4
-65°	1207.3	1104.7	1006.9	943.4	884.7	821.2	757.6	689.2	625.6	562.1	503.4
-67.5°	1065.6	977.6	909.1	850.5	791.8	738.1	679.4	620.8	567.0	503.4	444.8
-70°	894.5	845.6	806.5	762.5	708.7	659.9	606.1	552.3	493.7	439.9	386.1
-72.5°	762.5	733.2	703.9	659.9	611.0	567.0	523.0	474.1	425.2	376.4	332.4
-75°	625.6	601.2	576.8	547.4	508.3	474.1	435.0	391.0	351.9	317.7	283.5
-77.5°	503.4	483.9	469.2	444.8	415.5	386.1	361.7	332.4	303.0	268.8	234.6
-80°	400.8	391.0	386.1	376.4	351.9	327.5	307.9	283.5	254.2	229.7	205.3
-82.5°	312.8	312.8	307.9	303.0	283.5	263.9	249.3	229.7	210.2	190.6	166.2
-85°	229.7	224.8	224.8	220.0	205.3	195.5	180.9	171.1	156.4	136.9	127.1
-87.5°	136.9	132.0	127.1	122.2	112.4	107.5	97.8	92.9	83.1	73.3	68.4
-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-S-SA6C-940-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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.0	0.0
85°	14.7	9.8	9.8	9.8	9.8	9.8	4.9	4.9	4.9	4.9	4.9
82.5°	29.3	29.3	24.4	24.4	19.6	14.7	9.8	9.8	9.8	4.9	4.9
80°	44.0	44.0	44.0	39.1	34.2	24.4	19.6	14.7	9.8	4.9	4.9
77.5°	53.8	48.9	48.9	44.0	44.0	39.1	29.3	24.4	14.7	9.8	4.9
75°	53.8	53.8	53.8	48.9	48.9	44.0	39.1	29.3	24.4	14.7	9.8
72.5°	58.7	53.8	53.8	53.8	48.9	44.0	39.1	34.2	29.3	19.6	9.8
70°	53.8	53.8	53.8	53.8	48.9	48.9	39.1	34.2	34.2	19.6	14.7
67.5°	53.8	53.8	53.8	48.9	48.9	44.0	39.1	34.2	34.2	24.4	14.7
65°	58.7	53.8	53.8	53.8	48.9	44.0	39.1	34.2	34.2	29.3	19.6
62.5°	63.5	58.7	58.7	53.8	48.9	44.0	39.1	34.2	34.2	29.3	19.6
60°	68.4	63.5	58.7	58.7	53.8	48.9	39.1	39.1	34.2	29.3	19.6
57.5°	73.3	68.4	68.4	63.5	58.7	53.8	44.0	39.1	34.2	29.3	24.4
55°	88.0	78.2	73.3	73.3	68.4	58.7	48.9	39.1	34.2	29.3	24.4
52.5°	117.3	92.9	83.1	83.1	78.2	68.4	53.8	44.0	34.2	29.3	24.4
50°	185.7	117.3	97.8	88.0	88.0	78.2	63.5	48.9	34.2	29.3	24.4
47.5°	293.3	195.5	117.3	102.6	97.8	92.9	73.3	48.9	39.1	29.3	24.4
45°	483.9	288.4	190.6	122.2	102.6	97.8	83.1	53.8	39.1	34.2	24.4
42.5°	664.7	449.7	293.3	146.6	122.2	107.5	88.0	58.7	44.0	34.2	24.4
40°	1046.0	615.9	410.6	239.5	141.7	112.4	97.8	68.4	44.0	34.2	24.4
37.5°	1417.5	816.3	552.3	351.9	161.3	127.1	102.6	73.3	48.9	34.2	29.3
35°	1789.0	1143.8	684.3	469.2	215.1	151.5	107.5	78.2	48.9	34.2	29.3
32.5°	2121.3	1451.7	821.2	586.5	322.6	180.9	117.3	83.1	53.8	39.1	29.3
30°	2395.1	1735.2	1065.6	689.2	420.4	220.0	127.1	83.1	58.7	39.1	29.3
27.5°	2600.3	1955.1	1314.8	796.7	503.4	259.1	146.6	92.9	58.7	39.1	29.3
25°	2766.5	2126.2	1534.8	909.1	576.8	322.6	176.0	97.8	63.5	44.0	29.3
22.5°	2898.5	2268.0	1715.6	1060.7	664.7	386.1	215.1	107.5	63.5	44.0	29.3
20°	3079.4	2409.7	1837.8	1222.0	757.6	444.8	249.3	117.3	63.5	44.0	34.2
17.5°	3235.8	2551.5	1935.6	1358.8	850.5	488.8	288.4	127.1	68.4	44.0	34.2
15°	3416.6	2688.3	2023.6	1466.4	938.5	527.9	322.6	136.9	68.4	48.9	34.2
12.5°	3612.1	2815.4	2087.1	1554.3	1031.3	562.1	351.9	156.4	73.3	48.9	34.2
10°	3812.5	2922.9	2140.9	1617.9	1099.8	596.3	371.5	176.0	78.2	48.9	34.2
7.5°	4012.9	3020.7	2209.3	1647.2	1129.1	635.4	381.3	195.5	78.2	53.8	34.2
5°	4149.8	3084.2	2307.1	1666.8	1143.8	679.4	395.9	220.0	83.1	53.8	34.2
2.5°	4267.1	3123.3	2409.7	1681.4	1148.6	703.9	391.0	234.6	88.0	53.8	34.2
0°	4320.9	3123.3	2478.1	1671.6	1134.0	728.3	391.0	249.3	88.0	53.8	34.2
-2.5°	4237.8	3211.3	2458.6	1676.5	1138.9	728.3	410.6	254.2	97.8	58.7	34.2
-5°	4105.8	3245.5	2399.9	1652.1	1129.1	728.3	435.0	259.1	102.6	58.7	39.1
-7.5°	3978.7	3260.2	2331.5	1627.7	1114.4	708.7	439.9	254.2	112.4	63.5	39.1
-10°	3812.5	3098.9	2243.5	1583.7	1085.1	694.1	449.7	254.2	117.3	63.5	39.1
-12.5°	3621.9	2903.4	2136.0	1520.1	1050.9	679.4	454.6	254.2	122.2	68.4	39.1
-15°	3402.0	2703.0	2013.8	1451.7	1002.0	659.9	444.8	249.3	127.1	68.4	44.0
-17.5°	3152.7	2507.5	1886.7	1368.6	948.2	635.4	425.2	244.4	127.1	68.4	44.0
-20°	2869.2	2312.0	1745.0	1285.5	884.7	606.1	405.7	234.6	127.1	68.4	44.0



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CATALOG NUMBER: IFLD-S-SA6C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2615.0	2131.1	1598.3	1192.6	816.3	571.9	381.3	224.8	127.1	73.3	44.0
-25°	2404.8	1955.1	1485.9	1099.8	743.0	532.8	356.8	215.1	127.1	73.3	44.0
-27.5°	2184.9	1764.5	1368.6	1011.8	694.1	498.6	332.4	205.3	122.2	73.3	44.0
-30°	1960.0	1578.8	1246.4	914.0	645.2	464.3	312.8	190.6	122.2	73.3	44.0
-32.5°	1754.7	1427.3	1134.0	816.3	591.4	430.1	293.3	185.7	117.3	73.3	44.0
-35°	1554.3	1290.4	1016.7	738.1	532.8	395.9	273.7	180.9	117.3	73.3	44.0
-37.5°	1388.2	1163.3	909.1	684.3	498.6	366.6	254.2	171.1	112.4	73.3	44.0
-40°	1251.3	1046.0	806.5	625.6	469.2	337.3	234.6	166.2	112.4	73.3	44.0
-42.5°	1124.2	933.6	743.0	576.8	439.9	317.7	220.0	161.3	107.5	73.3	44.0
-45°	1011.8	835.8	679.4	532.8	405.7	293.3	210.2	151.5	102.6	73.3	48.9
-47.5°	899.4	767.4	620.8	493.7	371.5	263.9	200.4	146.6	97.8	68.4	48.9
-50°	811.4	694.1	571.9	449.7	337.3	254.2	190.6	136.9	97.8	68.4	48.9
-52.5°	733.2	625.6	518.1	405.7	307.9	239.5	180.9	127.1	92.9	68.4	48.9
-55°	659.9	562.1	464.3	361.7	288.4	224.8	166.2	117.3	92.9	68.4	48.9
-57.5°	586.5	503.4	410.6	327.5	263.9	210.2	156.4	117.3	92.9	68.4	48.9
-60°	527.9	449.7	371.5	303.0	244.4	190.6	141.7	112.4	88.0	68.4	48.9
-62.5°	479.0	405.7	337.3	273.7	224.8	171.1	136.9	112.4	88.0	68.4	44.0
-65°	430.1	366.6	303.0	249.3	200.4	161.3	132.0	107.5	88.0	68.4	44.0
-67.5°	381.3	322.6	273.7	220.0	185.7	156.4	127.1	107.5	83.1	63.5	44.0
-70°	332.4	283.5	239.5	205.3	176.0	146.6	122.2	102.6	83.1	58.7	39.1
-72.5°	293.3	249.3	215.1	190.6	166.2	141.7	117.3	97.8	78.2	53.8	34.2
-75°	249.3	220.0	195.5	171.1	151.5	132.0	112.4	88.0	68.4	48.9	34.2
-77.5°	210.2	190.6	171.1	156.4	136.9	117.3	97.8	78.2	63.5	44.0	29.3
-80°	180.9	166.2	151.5	136.9	122.2	102.6	88.0	68.4	53.8	39.1	24.4
-82.5°	146.6	136.9	122.2	112.4	102.6	88.0	73.3	58.7	39.1	29.3	19.6
-85°	112.4	102.6	97.8	88.0	78.2	63.5	48.9	39.1	29.3	19.6	9.8
-87.5°	58.7	53.8	48.9	44.0	39.1	29.3	24.4	19.6	14.7	9.8	4.9
-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-SA6C-940-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°	4.9	0.0	0.0	0.0
77.5°	4.9	0.0	0.0	0.0
75°	4.9	4.9	0.0	0.0
72.5°	4.9	4.9	0.0	0.0
70°	4.9	4.9	0.0	0.0
67.5°	9.8	4.9	0.0	0.0
65°	9.8	4.9	0.0	0.0
62.5°	9.8	4.9	0.0	0.0
60°	9.8	4.9	0.0	0.0
57.5°	14.7	4.9	4.9	0.0
55°	14.7	4.9	4.9	0.0
52.5°	14.7	4.9	4.9	0.0
50°	14.7	9.8	4.9	0.0
47.5°	14.7	9.8	4.9	0.0
45°	14.7	9.8	4.9	0.0
42.5°	14.7	9.8	4.9	0.0
40°	19.6	9.8	4.9	0.0
37.5°	19.6	9.8	4.9	0.0
35°	19.6	9.8	4.9	0.0
32.5°	19.6	9.8	4.9	0.0
30°	19.6	9.8	4.9	0.0
27.5°	19.6	14.7	4.9	0.0
25°	19.6	14.7	4.9	0.0
22.5°	24.4	14.7	4.9	0.0
20°	24.4	14.7	4.9	0.0
17.5°	24.4	14.7	4.9	0.0
15°	24.4	14.7	4.9	0.0
12.5°	24.4	14.7	4.9	0.0
10°	24.4	14.7	4.9	0.0
7.5°	24.4	14.7	4.9	0.0
5°	24.4	14.7	4.9	0.0
2.5°	24.4	14.7	4.9	0.0
0°	24.4	14.7	4.9	0.0
-2.5°	24.4	14.7	4.9	0.0
-5°	24.4	14.7	4.9	0.0
-7.5°	24.4	14.7	4.9	0.0
-10°	24.4	14.7	4.9	0.0
-12.5°	29.3	14.7	4.9	0.0
-15°	29.3	14.7	4.9	0.0
-17.5°	29.3	14.7	4.9	0.0
-20°	29.3	14.7	4.9	0.0

REPORT NUMBER: P722725

CATALOG NUMBER: IFLD-S-SA6C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	29.3	14.7	4.9	0.0
-25°	29.3	14.7	4.9	0.0
-27.5°	29.3	14.7	4.9	0.0
-30°	29.3	14.7	4.9	0.0
-32.5°	29.3	14.7	4.9	0.0
-35°	29.3	14.7	4.9	0.0
-37.5°	29.3	14.7	4.9	0.0
-40°	29.3	14.7	4.9	0.0
-42.5°	24.4	14.7	4.9	0.0
-45°	29.3	14.7	4.9	0.0
-47.5°	29.3	14.7	4.9	0.0
-50°	29.3	14.7	4.9	0.0
-52.5°	29.3	14.7	4.9	0.0
-55°	29.3	14.7	4.9	0.0
-57.5°	29.3	14.7	4.9	0.0
-60°	29.3	14.7	4.9	0.0
-62.5°	24.4	14.7	4.9	0.0
-65°	24.4	9.8	4.9	0.0
-67.5°	24.4	9.8	4.9	0.0
-70°	24.4	9.8	4.9	0.0
-72.5°	19.6	9.8	4.9	0.0
-75°	19.6	9.8	4.9	0.0
-77.5°	14.7	4.9	0.0	0.0
-80°	14.7	4.9	0.0	0.0
-82.5°	9.8	4.9	0.0	0.0
-85°	4.9	4.9	0.0	0.0
-87.5°	4.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)