

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: P722673

Luminaire Tested: **IFLD-M-SA4D-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722673
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20472.8 lumens	Max Intensity:	14292.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	13060.7 lumens	Field Lumens:	19301.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

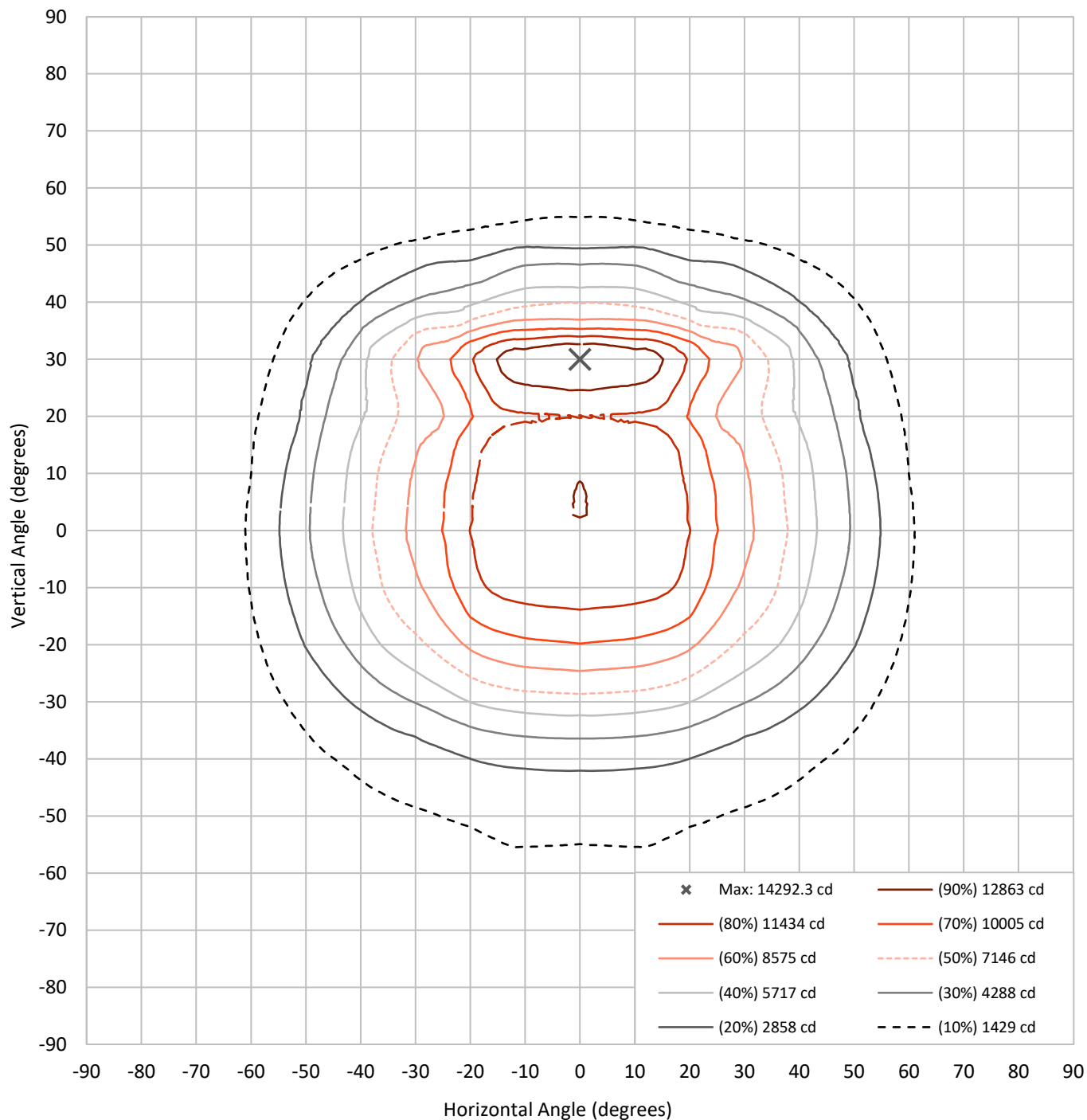
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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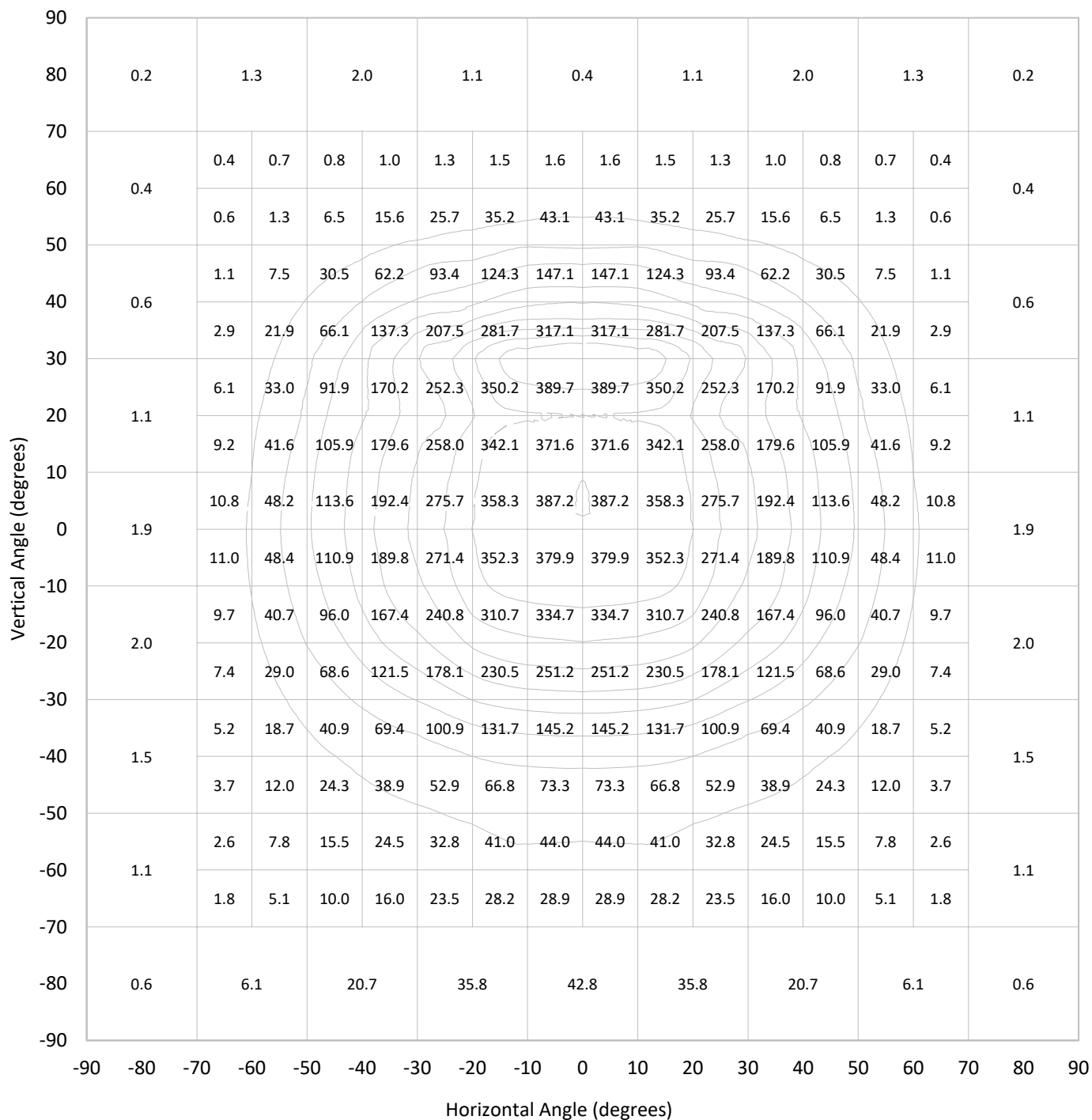
Iso-Candela Plot



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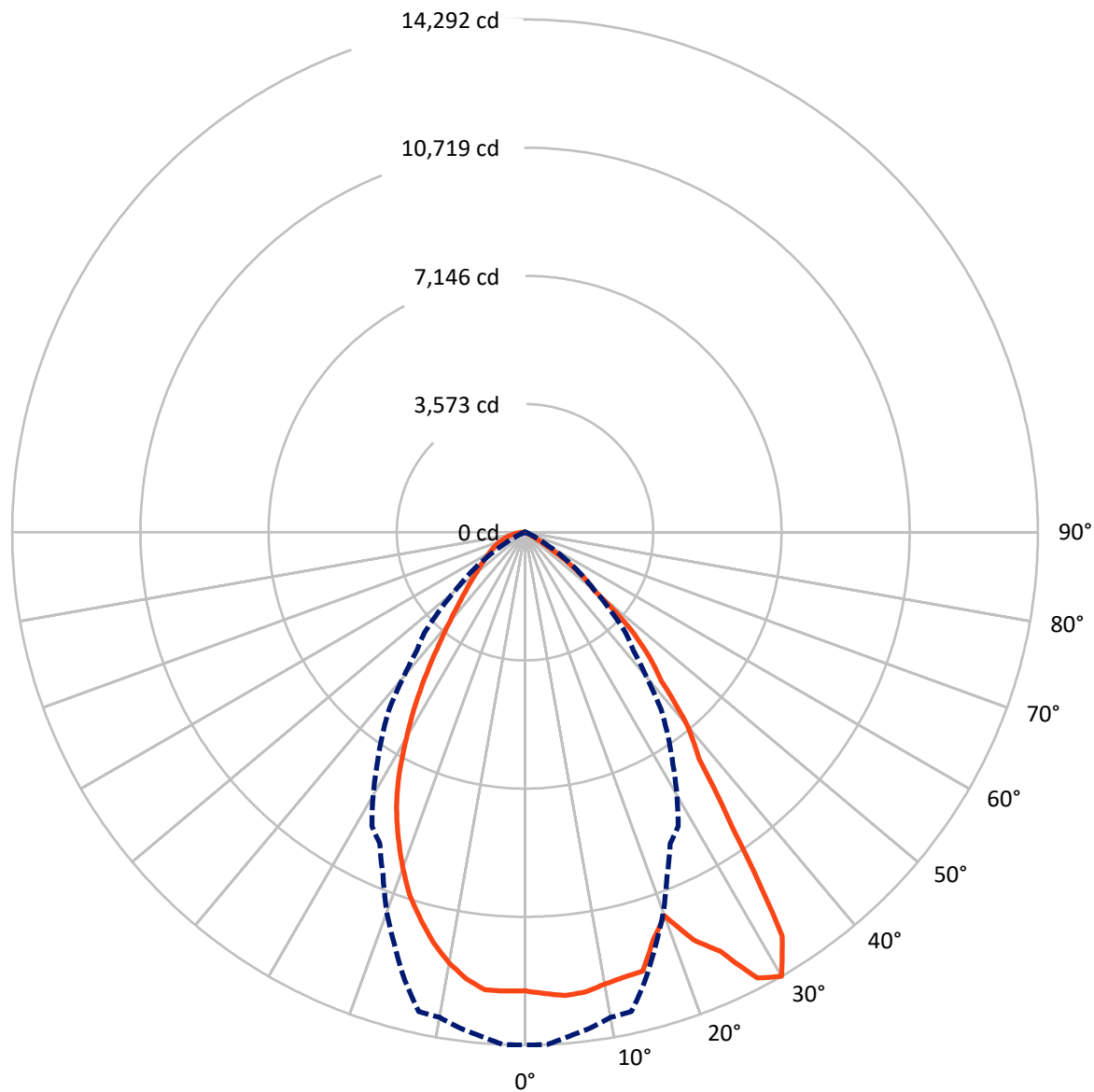
Lumen Table



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Luminous Intensity Polar Plot

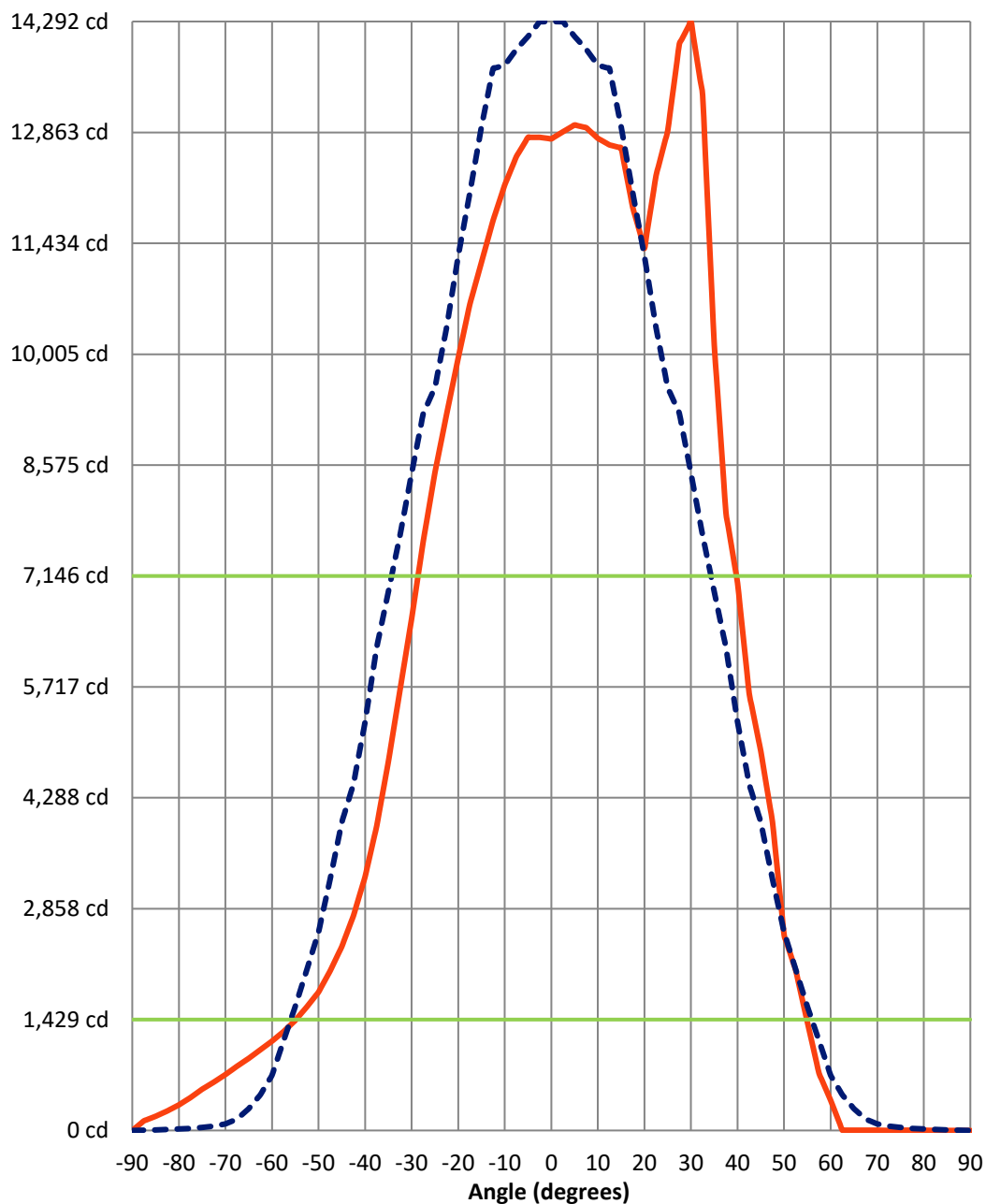


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13060.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19301.2

Efficiency: 94.3%

Spill:

Lumens: 1171.5

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	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	6.5	6.5	9.8
82.5°	0.0	3.3	3.3	3.3	6.5	6.5	6.5	6.5	9.8	9.8	13.0
80°	3.3	3.3	3.3	3.3	6.5	6.5	6.5	9.8	9.8	13.0	13.0
77.5°	3.3	3.3	3.3	6.5	6.5	6.5	9.8	9.8	13.0	13.0	16.3
75°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	16.3
72.5°	0.0	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	13.0
70°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	9.8	13.0	13.0	13.0
67.5°	3.3	3.3	3.3	6.5	6.5	9.8	9.8	13.0	13.0	13.0	16.3
65°	3.3	3.3	3.3	6.5	9.8	9.8	13.0	16.3	16.3	19.6	22.8
62.5°	3.3	6.5	6.5	9.8	13.0	16.3	35.9	55.4	55.4	39.1	32.6
60°	387.9	420.5	417.2	378.1	329.2	277.0	267.3	257.5	237.9	208.6	218.4
57.5°	736.6	775.7	792.0	782.2	756.2	710.5	684.5	655.1	616.0	570.4	518.2
55°	1395.0	1411.3	1375.4	1307.0	1232.0	1157.1	1131.0	1091.9	1033.2	974.5	896.3
52.5°	2063.2	2118.6	2102.3	2033.8	1932.8	1799.2	1652.5	1538.4	1470.0	1404.8	1326.6
50°	2519.5	2542.3	2587.9	2669.4	2698.7	2607.5	2369.6	2063.2	1844.8	1955.6	1870.9
47.5°	3976.4	4090.5	4067.7	4009.0	3911.2	3663.5	3331.1	3057.3	2829.1	2754.2	2767.2
45°	4885.8	4931.4	4915.1	4889.0	4843.4	4612.0	4243.7	3823.2	3611.4	3526.6	3438.6
42.5°	5632.2	5681.1	5690.8	5694.1	5645.2	5433.3	5100.9	4680.4	4468.6	4224.1	4031.8
40°	7056.5	7128.2	7046.7	6939.2	6776.2	6535.0	6209.1	5821.2	5446.4	5146.5	4918.4
37.5°	7965.9	8053.9	8086.5	8079.9	8044.1	7939.8	7538.9	7170.6	6596.9	5925.5	6046.1
35°	10123.6	10214.8	10188.8	10091.0	10038.8	9928.0	9536.9	9100.1	8379.8	7649.7	7454.2
32.5°	13340.5	13539.4	13167.8	12760.4	12509.4	12597.4	12199.8	11130.7	10798.3	9481.5	8872.0
30°	14292.3	14289.0	14100.0	13933.8	13728.4	13686.0	12936.4	12082.4	11267.6	10345.2	9576.0
27.5°	14002.2	13943.5	13783.8	13663.2	13470.9	13369.9	12636.5	11958.6	11016.6	10192.0	9448.9
25°	12884.2	12929.9	12766.9	12744.1	12669.1	12473.6	12108.5	11345.8	10504.9	9592.3	9057.8
22.5°	12307.3	12291.0	12095.5	11981.4	12072.7	11864.1	11717.4	10948.2	10071.4	9302.2	8660.1
20°	11368.6	11371.9	11323.0	11313.2	11257.8	11163.3	11046.0	10501.6	9882.4	9224.0	8451.5
17.5°	11893.4	12027.0	12085.7	11600.1	11736.9	11629.4	11505.5	10746.1	10280.0	9696.6	8689.4
15°	12662.6	12613.7	12555.0	12529.0	12454.0	12353.0	12128.1	11521.8	10720.0	10117.0	9331.5
12.5°	12701.7	12607.2	12584.4	12581.1	12502.9	12362.7	12144.4	11642.4	10931.9	10198.5	9559.7
10°	12786.5	12688.7	12675.6	12691.9	12571.3	12483.3	12265.0	11798.9	10997.1	10338.7	9735.7
7.5°	12923.4	12760.4	12835.3	12786.5	12731.0	12590.9	12356.2	11899.9	11235.0	10524.5	9892.1
5°	12959.2	12779.9	12861.4	12815.8	12734.3	12597.4	12343.2	11965.1	11381.7	10599.4	9954.1
2.5°	12871.2	12819.1	12783.2	12698.5	12662.6	12512.7	12271.5	11867.3	11313.2	10566.8	9941.0
0°	12779.9	12825.6	12744.1	12659.3	12643.0	12522.5	12317.1	11952.1	11472.9	10658.1	10051.9
-2.5°	12799.5	12763.6	12708.2	12620.2	12535.5	12362.7	12177.0	11834.7	11319.7	10459.3	9895.4
-5°	12799.5	12633.3	12639.8	12643.0	12558.3	12379.0	12154.1	11864.1	11228.5	10456.0	9849.8
-7.5°	12551.8	12408.4	12385.6	12366.0	12343.2	12177.0	12001.0	11639.2	11075.3	10371.3	9722.7
-10°	12186.7	12046.6	12059.6	12030.3	11958.6	11847.8	11714.1	11388.2	10925.4	10104.0	9465.2
-12.5°	11730.4	11668.5	11632.6	11583.8	11512.0	11414.3	11277.4	10971.0	10475.6	9774.8	9168.6
-15°	11189.4	11143.7	11111.1	11081.8	10977.5	10876.5	10697.2	10413.6	10104.0	9351.1	8731.8
-17.5°	10648.3	10534.2	10488.6	10449.5	10381.1	10218.1	10055.1	9843.3	9409.8	8813.3	8282.0
-20°	9954.1	9885.6	9830.2	9778.1	9680.3	9553.2	9419.5	9175.1	8800.3	8317.9	7767.0

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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°	9227.2	9188.1	9142.5	9077.3	9012.1	8891.5	8705.7	8471.1	8177.7	7656.2	7141.3
-25°	8477.6	8402.6	8347.2	8285.3	8233.1	8122.3	7943.1	7718.2	7349.9	6900.1	6469.8
-27.5°	7594.3	7522.6	7493.3	7421.6	7375.9	7274.9	7095.6	6887.0	6554.6	6176.5	5739.7
-30°	6596.9	6610.0	6577.4	6508.9	6453.5	6323.2	6186.3	6010.3	5749.5	5387.7	4996.6
-32.5°	5674.5	5690.8	5651.7	5580.0	5508.3	5413.8	5286.7	5127.0	4931.4	4585.9	4246.9
-35°	4752.1	4745.6	4713.0	4670.7	4621.8	4543.5	4400.1	4279.5	4054.6	3813.4	3578.8
-37.5°	3924.3	3940.6	3930.8	3908.0	3852.6	3787.4	3670.0	3559.2	3393.0	3181.1	2998.6
-40°	3269.1	3288.7	3275.7	3252.8	3203.9	3164.8	3086.6	2988.8	2855.2	2672.7	2519.5
-42.5°	2767.2	2780.2	2763.9	2744.4	2702.0	2672.7	2610.7	2529.3	2418.4	2278.3	2141.4
-45°	2369.6	2372.8	2356.5	2343.5	2310.9	2275.0	2222.9	2157.7	2069.7	1971.9	1861.1
-47.5°	2056.7	2053.4	2037.1	2024.1	1998.0	1965.4	1923.0	1864.4	1795.9	1720.9	1632.9
-50°	1782.9	1799.2	1792.6	1779.6	1760.1	1737.2	1694.9	1632.9	1564.5	1509.1	1447.2
-52.5°	1593.8	1597.1	1593.8	1593.8	1590.6	1574.3	1525.4	1463.5	1388.5	1339.6	1287.4
-55°	1417.8	1434.1	1440.6	1447.2	1450.4	1450.4	1391.7	1326.6	1254.9	1206.0	1166.8
-57.5°	1274.4	1284.2	1290.7	1307.0	1320.0	1329.8	1277.7	1219.0	1163.6	1118.0	1082.1
-60°	1150.6	1163.6	1173.4	1189.7	1199.4	1206.0	1173.4	1134.3	1101.7	1072.3	1020.2
-62.5°	1039.7	1049.5	1059.3	1069.1	1078.8	1085.4	1072.3	1052.8	1036.5	1023.4	958.3
-65°	928.9	938.7	948.5	961.5	971.3	977.8	974.5	961.5	948.5	935.4	876.8
-67.5°	827.9	837.7	850.7	854.0	860.5	863.7	857.2	847.4	831.1	814.8	769.2
-70°	720.3	726.8	733.4	733.4	733.4	730.1	723.6	710.5	694.2	671.4	635.6
-72.5°	622.5	629.1	635.6	625.8	619.3	609.5	599.7	583.4	567.1	550.8	531.3
-75°	531.3	534.5	534.5	521.5	511.7	501.9	488.9	479.1	462.8	449.8	433.5
-77.5°	423.7	423.7	423.7	413.9	407.4	400.9	391.1	381.3	368.3	358.5	345.5
-80°	329.2	329.2	329.2	325.9	316.2	309.6	303.1	296.6	286.8	280.3	273.8
-82.5°	251.0	251.0	251.0	247.7	241.2	237.9	231.4	224.9	221.6	215.1	211.9
-85°	182.5	185.8	185.8	182.5	179.3	172.7	169.5	166.2	163.0	159.7	153.2
-87.5°	123.9	123.9	123.9	120.6	117.3	117.3	114.1	107.6	101.0	97.8	94.5
-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	9.8	9.8	9.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	9.8
82.5°	16.3	16.3	19.6	19.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8
80°	16.3	19.6	22.8	26.1	29.3	32.6	32.6	32.6	32.6	29.3	29.3
77.5°	19.6	19.6	22.8	26.1	29.3	32.6	35.9	39.1	35.9	35.9	35.9
75°	19.6	22.8	22.8	26.1	29.3	32.6	35.9	39.1	39.1	39.1	39.1
72.5°	16.3	19.6	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9	39.1
70°	16.3	19.6	22.8	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9
67.5°	19.6	22.8	22.8	26.1	29.3	29.3	29.3	32.6	32.6	35.9	35.9
65°	22.8	26.1	26.1	29.3	32.6	32.6	35.9	35.9	35.9	39.1	39.1
62.5°	39.1	39.1	39.1	35.9	39.1	39.1	39.1	42.4	42.4	39.1	42.4
60°	202.1	146.7	101.0	127.1	114.1	52.1	52.1	52.1	48.9	48.9	45.6
57.5°	475.9	443.3	381.3	322.7	290.1	257.5	159.7	65.2	65.2	58.7	52.1
55°	795.3	687.7	642.1	563.9	479.1	440.0	365.0	247.7	117.3	78.2	68.4
52.5°	1232.0	1131.0	1013.7	854.0	739.9	648.6	586.7	466.1	312.9	166.2	104.3
50°	1649.2	1603.6	1531.9	1375.4	1137.5	984.3	883.3	746.4	560.6	342.2	195.6
47.5°	2656.4	2275.0	2043.6	1923.0	1724.2	1434.1	1238.6	1085.4	860.5	576.9	345.5
45°	3344.1	3102.9	2734.6	2480.4	2187.0	1880.6	1626.4	1450.4	1183.1	863.7	541.1
42.5°	3934.0	3725.4	3393.0	3021.4	2711.8	2310.9	1984.9	1753.5	1528.6	1179.9	808.3
40°	4693.5	4445.8	4126.3	3764.6	3402.8	2891.0	2363.0	2082.7	1835.0	1525.4	1091.9
37.5°	5945.1	5508.3	4986.8	4585.9	4113.3	3679.8	2956.2	2460.8	2167.5	1844.8	1424.3
35°	7450.9	6971.8	6101.5	5570.2	4937.9	4292.6	3640.7	2907.3	2490.1	2147.9	1730.7
32.5°	8852.4	8151.7	7037.0	6414.4	5994.0	4804.3	4129.6	3494.0	2822.6	2402.1	1906.7
30°	9240.3	8467.8	7669.3	6942.4	6225.4	5263.9	4465.3	3969.9	3239.8	2555.3	2073.0
27.5°	8849.2	8317.9	7698.6	7023.9	6248.2	5423.6	4670.7	4198.1	3546.2	2659.6	2203.3
25°	8451.5	7897.4	7463.9	6900.1	6183.0	5413.8	4677.2	4341.5	3784.1	2861.7	2275.0
22.5°	8031.1	7685.6	7327.0	6698.0	6020.0	5443.1	4889.0	4465.3	3908.0	3089.9	2304.4
20°	8053.9	7829.0	7434.6	6593.7	5990.7	5615.9	5143.3	4621.8	4041.6	3288.7	2327.2
17.5°	8418.9	8125.6	7630.2	6900.1	6254.7	5791.9	5355.1	4836.9	4178.5	3464.7	2604.2
15°	8868.7	8422.2	7903.9	7261.8	6531.8	5984.2	5518.1	4986.8	4334.9	3627.7	2851.9
12.5°	9194.6	8559.1	8073.4	7493.3	6831.6	6192.8	5625.7	5100.9	4481.6	3761.3	3037.7
10°	9305.5	8728.6	8154.9	7636.7	6984.8	6303.6	5707.1	5172.6	4608.7	3865.6	3174.6
7.5°	9364.1	8875.2	8210.3	7701.9	7076.1	6372.0	5772.3	5211.7	4709.8	3937.3	3262.6
5°	9357.6	8953.5	8252.7	7721.4	7125.0	6401.4	5818.0	5221.5	4781.5	3999.2	3314.8
2.5°	9328.3	9005.6	8321.1	7754.0	7222.7	6456.8	5906.0	5241.0	4807.6	4067.7	3350.6
0°	9435.8	9008.9	8392.8	7763.8	7287.9	6476.3	5945.1	5224.7	4771.7	4087.2	3347.4
-2.5°	9204.4	8816.6	8376.5	7679.0	7199.9	6430.7	5873.4	5172.6	4693.5	4064.4	3334.3
-5°	9165.3	8676.4	8239.7	7600.8	7053.2	6336.2	5739.7	5074.8	4569.6	3989.5	3282.2
-7.5°	9061.0	8542.8	8106.0	7538.9	6916.4	6238.4	5612.6	4973.8	4436.0	3872.1	3207.2
-10°	8832.9	8337.4	7962.6	7405.3	6750.1	6098.3	5459.4	4840.1	4279.5	3712.4	3089.9
-12.5°	8506.9	8011.5	7639.9	7121.7	6541.5	5909.2	5276.9	4667.4	4100.3	3542.9	2949.7
-15°	8138.6	7636.7	7265.1	6792.5	6231.9	5615.9	5045.5	4449.0	3894.9	3363.7	2783.5
-17.5°	7721.4	7245.6	6887.0	6427.5	5870.1	5283.4	4716.3	4175.2	3657.0	3177.9	2591.2
-20°	7239.0	6776.2	6447.0	5987.4	5475.7	4905.3	4354.5	3842.8	3376.7	2926.9	2379.3

REPORT NUMBER: P722673

CATALOG NUMBER: IFLD-M-SA4D-930-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°	6642.6	6235.2	5860.3	5449.6	5003.1	4481.6	3969.9	3516.8	3070.3	2630.3	2161.0
-25°	6033.1	5638.7	5273.6	4898.8	4471.8	4022.0	3585.3	3174.6	2737.9	2340.2	1949.1
-27.5°	5355.1	5003.1	4677.2	4331.7	3940.6	3552.7	3194.2	2793.3	2415.2	2076.2	1740.5
-30°	4631.5	4344.7	4061.2	3754.8	3438.6	3112.7	2793.3	2415.2	2118.6	1848.1	1564.5
-32.5°	3937.3	3679.8	3451.7	3223.5	2949.7	2682.5	2398.9	2118.6	1870.9	1632.9	1395.0
-35°	3327.8	3054.0	2926.9	2744.4	2526.0	2284.8	2053.4	1857.8	1659.0	1443.9	1232.0
-37.5°	2799.8	2623.8	2473.9	2337.0	2164.2	1955.6	1789.4	1629.7	1463.5	1267.9	1085.4
-40°	2385.8	2258.7	2108.8	2007.8	1867.6	1717.7	1551.5	1417.8	1277.7	1118.0	968.0
-42.5°	2053.4	1949.1	1851.3	1743.8	1639.5	1512.3	1368.9	1241.8	1114.7	997.4	873.5
-45°	1779.6	1704.6	1626.4	1538.4	1447.2	1336.3	1219.0	1088.6	997.4	893.1	788.8
-47.5°	1554.7	1499.3	1434.1	1365.7	1287.4	1189.7	1082.1	987.6	893.1	805.1	704.0
-50°	1375.4	1323.3	1271.1	1212.5	1144.0	1059.3	977.8	889.8	801.8	717.1	622.5
-52.5°	1225.5	1179.9	1137.5	1088.6	1023.4	951.7	876.8	798.5	717.1	632.3	557.4
-55°	1121.2	1069.1	1026.7	977.8	919.1	850.7	782.2	710.5	632.3	567.1	505.2
-57.5°	1036.5	977.8	928.9	876.8	818.1	759.4	697.5	632.3	573.6	511.7	453.1
-60°	964.8	896.3	840.9	788.8	733.4	677.9	625.8	570.4	515.0	459.6	400.9
-62.5°	889.8	818.1	749.7	700.8	658.4	609.5	563.9	511.7	462.8	407.4	365.0
-65°	805.1	736.6	671.4	629.1	589.9	547.6	505.2	459.6	417.2	374.8	335.7
-67.5°	710.5	651.9	606.2	567.1	528.0	492.2	453.1	413.9	378.1	335.7	296.6
-70°	596.5	563.9	537.8	508.5	472.6	440.0	404.2	368.3	329.2	293.3	257.5
-72.5°	508.5	488.9	469.3	440.0	407.4	378.1	348.8	316.2	283.6	251.0	221.6
-75°	417.2	400.9	384.6	365.0	339.0	316.2	290.1	260.7	234.7	211.9	189.0
-77.5°	335.7	322.7	312.9	296.6	277.0	257.5	241.2	221.6	202.1	179.3	156.4
-80°	267.3	260.7	257.5	251.0	234.7	218.4	205.3	189.0	169.5	153.2	136.9
-82.5°	208.6	208.6	205.3	202.1	189.0	176.0	166.2	153.2	140.2	127.1	110.8
-85°	153.2	149.9	149.9	146.7	136.9	130.4	120.6	114.1	104.3	91.3	84.7
-87.5°	91.3	88.0	84.7	81.5	75.0	71.7	65.2	61.9	55.4	48.9	45.6
-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-M-SA4D-930-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
85°	9.8	6.5	6.5	6.5	6.5	6.5	3.3	3.3	3.3	3.3	3.3
82.5°	19.6	19.6	16.3	16.3	13.0	9.8	6.5	6.5	6.5	3.3	3.3
80°	29.3	29.3	29.3	26.1	22.8	16.3	13.0	9.8	6.5	3.3	3.3
77.5°	35.9	32.6	32.6	29.3	29.3	26.1	19.6	16.3	9.8	6.5	3.3
75°	35.9	35.9	35.9	32.6	32.6	29.3	26.1	19.6	16.3	9.8	6.5
72.5°	39.1	35.9	35.9	35.9	32.6	29.3	26.1	22.8	19.6	13.0	6.5
70°	35.9	35.9	35.9	35.9	32.6	32.6	26.1	22.8	22.8	13.0	9.8
67.5°	35.9	35.9	35.9	32.6	32.6	29.3	26.1	22.8	22.8	16.3	9.8
65°	39.1	35.9	35.9	35.9	32.6	29.3	26.1	22.8	22.8	19.6	13.0
62.5°	42.4	39.1	39.1	35.9	32.6	29.3	26.1	22.8	22.8	19.6	13.0
60°	45.6	42.4	39.1	39.1	35.9	32.6	26.1	26.1	22.8	19.6	13.0
57.5°	48.9	45.6	45.6	42.4	39.1	35.9	29.3	26.1	22.8	19.6	16.3
55°	58.7	52.1	48.9	48.9	45.6	39.1	32.6	26.1	22.8	19.6	16.3
52.5°	78.2	61.9	55.4	55.4	52.1	45.6	35.9	29.3	22.8	19.6	16.3
50°	123.9	78.2	65.2	58.7	58.7	52.1	42.4	32.6	22.8	19.6	16.3
47.5°	195.6	130.4	78.2	68.4	65.2	61.9	48.9	32.6	26.1	19.6	16.3
45°	322.7	192.3	127.1	81.5	68.4	65.2	55.4	35.9	26.1	22.8	16.3
42.5°	443.3	299.9	195.6	97.8	81.5	71.7	58.7	39.1	29.3	22.8	16.3
40°	697.5	410.7	273.8	159.7	94.5	75.0	65.2	45.6	29.3	22.8	16.3
37.5°	945.2	544.3	368.3	234.7	107.6	84.7	68.4	48.9	32.6	22.8	19.6
35°	1192.9	762.7	456.3	312.9	143.4	101.0	71.7	52.1	32.6	22.8	19.6
32.5°	1414.6	968.0	547.6	391.1	215.1	120.6	78.2	55.4	35.9	26.1	19.6
30°	1597.1	1157.1	710.5	459.6	280.3	146.7	84.7	55.4	39.1	26.1	19.6
27.5°	1734.0	1303.7	876.8	531.3	335.7	172.7	97.8	61.9	39.1	26.1	19.6
25°	1844.8	1417.8	1023.4	606.2	384.6	215.1	117.3	65.2	42.4	29.3	19.6
22.5°	1932.8	1512.3	1144.0	707.3	443.3	257.5	143.4	71.7	42.4	29.3	19.6
20°	2053.4	1606.9	1225.5	814.8	505.2	296.6	166.2	78.2	42.4	29.3	22.8
17.5°	2157.7	1701.4	1290.7	906.1	567.1	325.9	192.3	84.7	45.6	29.3	22.8
15°	2278.3	1792.6	1349.4	977.8	625.8	352.0	215.1	91.3	45.6	32.6	22.8
12.5°	2408.7	1877.4	1391.7	1036.5	687.7	374.8	234.7	104.3	48.9	32.6	22.8
10°	2542.3	1949.1	1427.6	1078.8	733.4	397.6	247.7	117.3	52.1	32.6	22.8
7.5°	2675.9	2014.3	1473.2	1098.4	752.9	423.7	254.2	130.4	52.1	35.9	22.8
5°	2767.2	2056.7	1538.4	1111.4	762.7	453.1	264.0	146.7	55.4	35.9	22.8
2.5°	2845.4	2082.7	1606.9	1121.2	765.9	469.3	260.7	156.4	58.7	35.9	22.8
0°	2881.3	2082.7	1652.5	1114.7	756.2	485.6	260.7	166.2	58.7	35.9	22.8
-2.5°	2825.9	2141.4	1639.5	1118.0	759.4	485.6	273.8	169.5	65.2	39.1	22.8
-5°	2737.9	2164.2	1600.3	1101.7	752.9	485.6	290.1	172.7	68.4	39.1	26.1
-7.5°	2653.1	2174.0	1554.7	1085.4	743.1	472.6	293.3	169.5	75.0	42.4	26.1
-10°	2542.3	2066.4	1496.0	1056.0	723.6	462.8	299.9	169.5	78.2	42.4	26.1
-12.5°	2415.2	1936.1	1424.3	1013.7	700.8	453.1	303.1	169.5	81.5	45.6	26.1
-15°	2268.5	1802.4	1342.9	968.0	668.2	440.0	296.6	166.2	84.7	45.6	29.3
-17.5°	2102.3	1672.1	1258.1	912.6	632.3	423.7	283.6	163.0	84.7	45.6	29.3
-20°	1913.2	1541.7	1163.6	857.2	589.9	404.2	270.5	156.4	84.7	45.6	29.3

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CATALOG NUMBER: IFLD-M-SA4D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1743.8	1421.1	1065.8	795.3	544.3	381.3	254.2	149.9	84.7	48.9	29.3
-25°	1603.6	1303.7	990.8	733.4	495.4	355.3	237.9	143.4	84.7	48.9	29.3
-27.5°	1456.9	1176.6	912.6	674.7	462.8	332.5	221.6	136.9	81.5	48.9	29.3
-30°	1307.0	1052.8	831.1	609.5	430.2	309.6	208.6	127.1	81.5	48.9	29.3
-32.5°	1170.1	951.7	756.2	544.3	394.4	286.8	195.6	123.9	78.2	48.9	29.3
-35°	1036.5	860.5	677.9	492.2	355.3	264.0	182.5	120.6	78.2	48.9	29.3
-37.5°	925.7	775.7	606.2	456.3	332.5	244.5	169.5	114.1	75.0	48.9	29.3
-40°	834.4	697.5	537.8	417.2	312.9	224.9	156.4	110.8	75.0	48.9	29.3
-42.5°	749.7	622.5	495.4	384.6	293.3	211.9	146.7	107.6	71.7	48.9	29.3
-45°	674.7	557.4	453.1	355.3	270.5	195.6	140.2	101.0	68.4	48.9	32.6
-47.5°	599.7	511.7	413.9	329.2	247.7	176.0	133.6	97.8	65.2	45.6	32.6
-50°	541.1	462.8	381.3	299.9	224.9	169.5	127.1	91.3	65.2	45.6	32.6
-52.5°	488.9	417.2	345.5	270.5	205.3	159.7	120.6	84.7	61.9	45.6	32.6
-55°	440.0	374.8	309.6	241.2	192.3	149.9	110.8	78.2	61.9	45.6	32.6
-57.5°	391.1	335.7	273.8	218.4	176.0	140.2	104.3	78.2	61.9	45.6	32.6
-60°	352.0	299.9	247.7	202.1	163.0	127.1	94.5	75.0	58.7	45.6	32.6
-62.5°	319.4	270.5	224.9	182.5	149.9	114.1	91.3	75.0	58.7	45.6	29.3
-65°	286.8	244.5	202.1	166.2	133.6	107.6	88.0	71.7	58.7	45.6	29.3
-67.5°	254.2	215.1	182.5	146.7	123.9	104.3	84.7	71.7	55.4	42.4	29.3
-70°	221.6	189.0	159.7	136.9	117.3	97.8	81.5	68.4	55.4	39.1	26.1
-72.5°	195.6	166.2	143.4	127.1	110.8	94.5	78.2	65.2	52.1	35.9	22.8
-75°	166.2	146.7	130.4	114.1	101.0	88.0	75.0	58.7	45.6	32.6	22.8
-77.5°	140.2	127.1	114.1	104.3	91.3	78.2	65.2	52.1	42.4	29.3	19.6
-80°	120.6	110.8	101.0	91.3	81.5	68.4	58.7	45.6	35.9	26.1	16.3
-82.5°	97.8	91.3	81.5	75.0	68.4	58.7	48.9	39.1	26.1	19.6	13.0
-85°	75.0	68.4	65.2	58.7	52.1	42.4	32.6	26.1	19.6	13.0	6.5
-87.5°	39.1	35.9	32.6	29.3	26.1	19.6	16.3	13.0	9.8	6.5	3.3
-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: P722673

CATALOG NUMBER: IFLD-M-SA4D-930-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°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	3.3	3.3	0.0	0.0
67.5°	6.5	3.3	0.0	0.0
65°	6.5	3.3	0.0	0.0
62.5°	6.5	3.3	0.0	0.0
60°	6.5	3.3	0.0	0.0
57.5°	9.8	3.3	3.3	0.0
55°	9.8	3.3	3.3	0.0
52.5°	9.8	3.3	3.3	0.0
50°	9.8	6.5	3.3	0.0
47.5°	9.8	6.5	3.3	0.0
45°	9.8	6.5	3.3	0.0
42.5°	9.8	6.5	3.3	0.0
40°	13.0	6.5	3.3	0.0
37.5°	13.0	6.5	3.3	0.0
35°	13.0	6.5	3.3	0.0
32.5°	13.0	6.5	3.3	0.0
30°	13.0	6.5	3.3	0.0
27.5°	13.0	9.8	3.3	0.0
25°	13.0	9.8	3.3	0.0
22.5°	16.3	9.8	3.3	0.0
20°	16.3	9.8	3.3	0.0
17.5°	16.3	9.8	3.3	0.0
15°	16.3	9.8	3.3	0.0
12.5°	16.3	9.8	3.3	0.0
10°	16.3	9.8	3.3	0.0
7.5°	16.3	9.8	3.3	0.0
5°	16.3	9.8	3.3	0.0
2.5°	16.3	9.8	3.3	0.0
0°	16.3	9.8	3.3	0.0
-2.5°	16.3	9.8	3.3	0.0
-5°	16.3	9.8	3.3	0.0
-7.5°	16.3	9.8	3.3	0.0
-10°	16.3	9.8	3.3	0.0
-12.5°	19.6	9.8	3.3	0.0
-15°	19.6	9.8	3.3	0.0
-17.5°	19.6	9.8	3.3	0.0
-20°	19.6	9.8	3.3	0.0

REPORT NUMBER: P722673

CATALOG NUMBER: IFLD-M-SA4D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.6	9.8	3.3	0.0
-25°	19.6	9.8	3.3	0.0
-27.5°	19.6	9.8	3.3	0.0
-30°	19.6	9.8	3.3	0.0
-32.5°	19.6	9.8	3.3	0.0
-35°	19.6	9.8	3.3	0.0
-37.5°	19.6	9.8	3.3	0.0
-40°	19.6	9.8	3.3	0.0
-42.5°	16.3	9.8	3.3	0.0
-45°	19.6	9.8	3.3	0.0
-47.5°	19.6	9.8	3.3	0.0
-50°	19.6	9.8	3.3	0.0
-52.5°	19.6	9.8	3.3	0.0
-55°	19.6	9.8	3.3	0.0
-57.5°	19.6	9.8	3.3	0.0
-60°	19.6	9.8	3.3	0.0
-62.5°	16.3	9.8	3.3	0.0
-65°	16.3	6.5	3.3	0.0
-67.5°	16.3	6.5	3.3	0.0
-70°	16.3	6.5	3.3	0.0
-72.5°	13.0	6.5	3.3	0.0
-75°	13.0	6.5	3.3	0.0
-77.5°	9.8	3.3	0.0	0.0
-80°	9.8	3.3	0.0	0.0
-82.5°	6.5	3.3	0.0	0.0
-85°	3.3	3.3	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)