

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: P722469

Luminaire Tested: **IFLD-M-SA4C-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722469
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28673.9 lumens	Max Intensity:	20017.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	131.5 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:	18292.7 lumens	Field Lumens:	27033.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

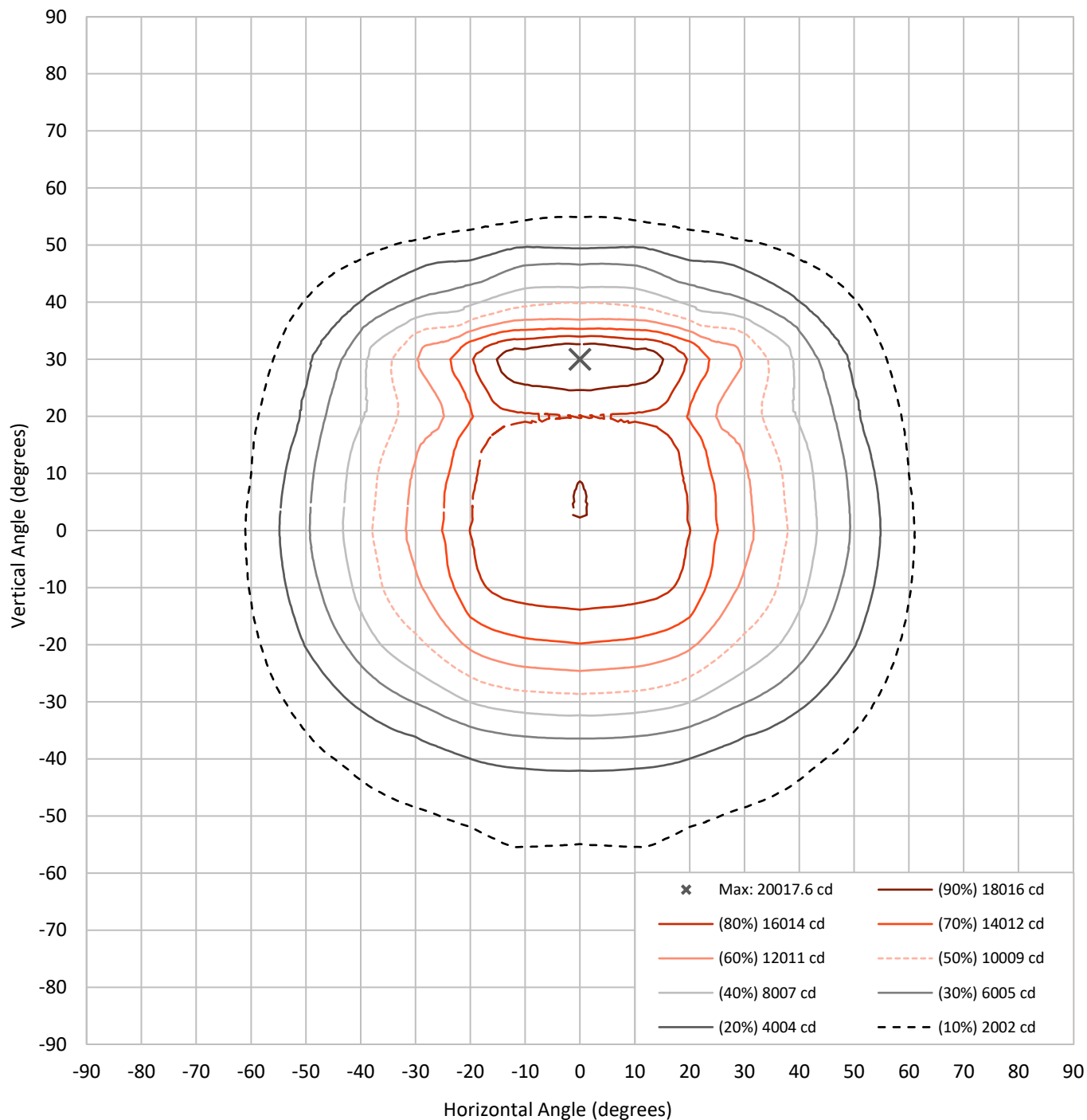
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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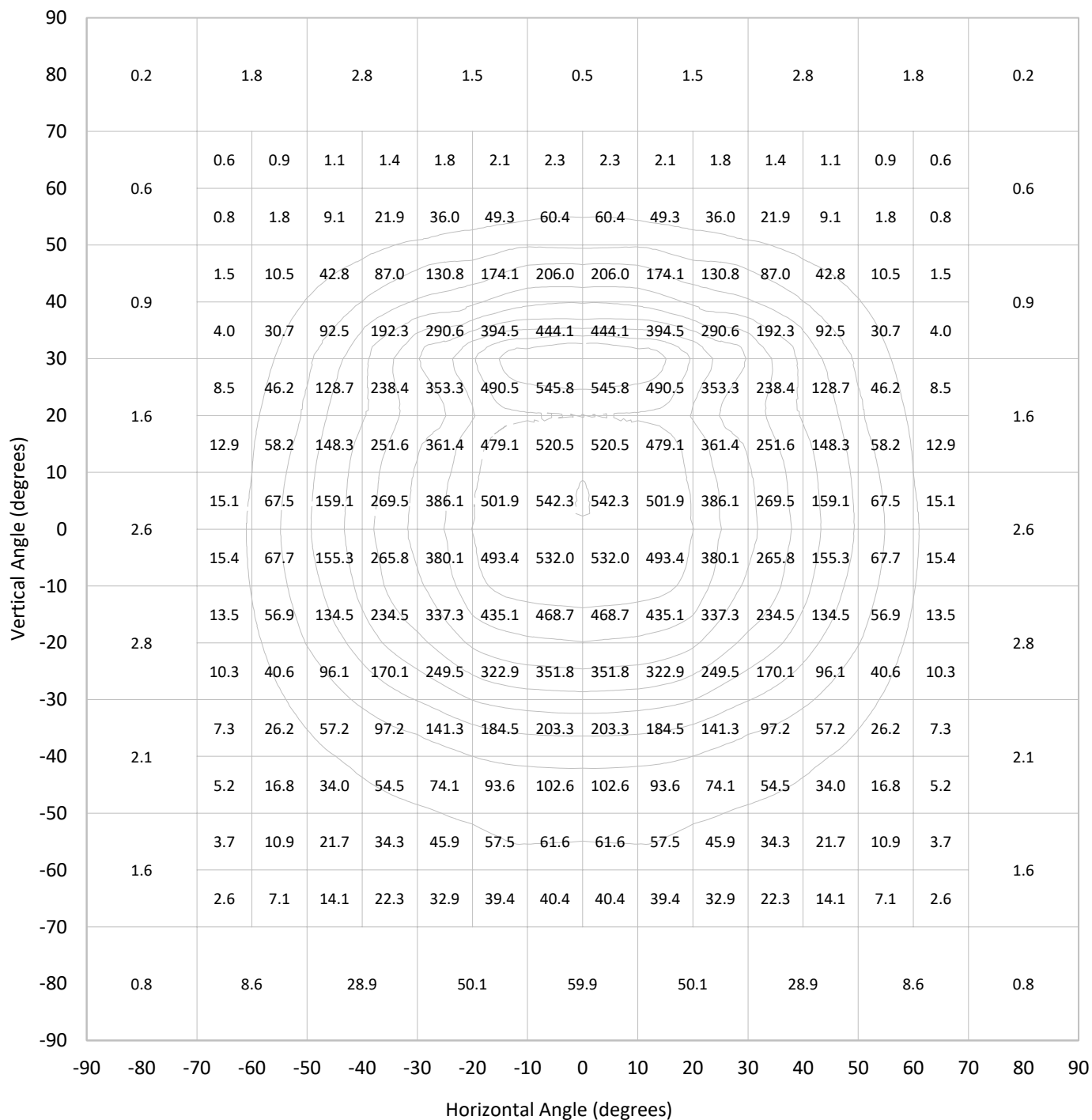
Iso-Candela Plot



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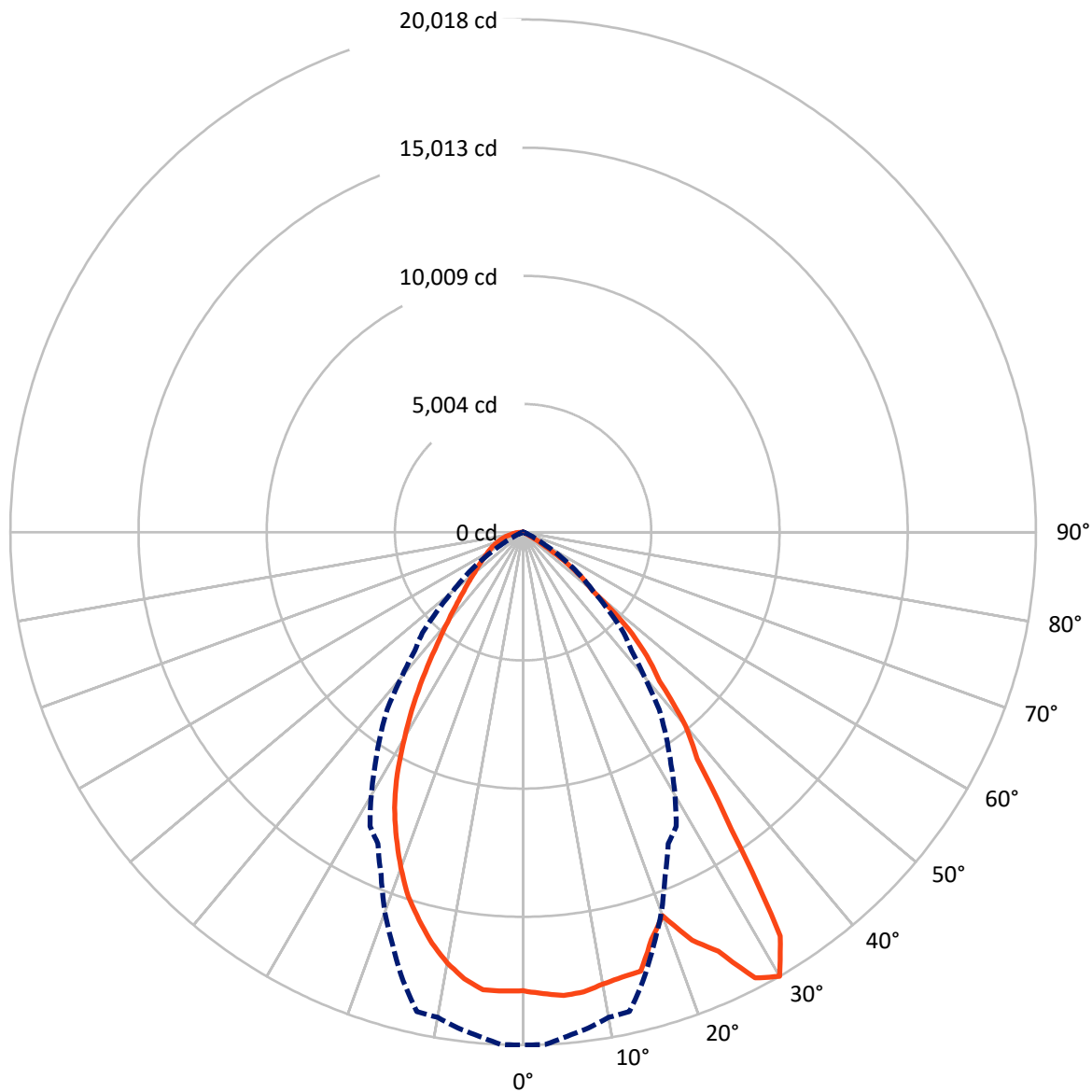
Lumen Table



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Luminous Intensity Polar Plot



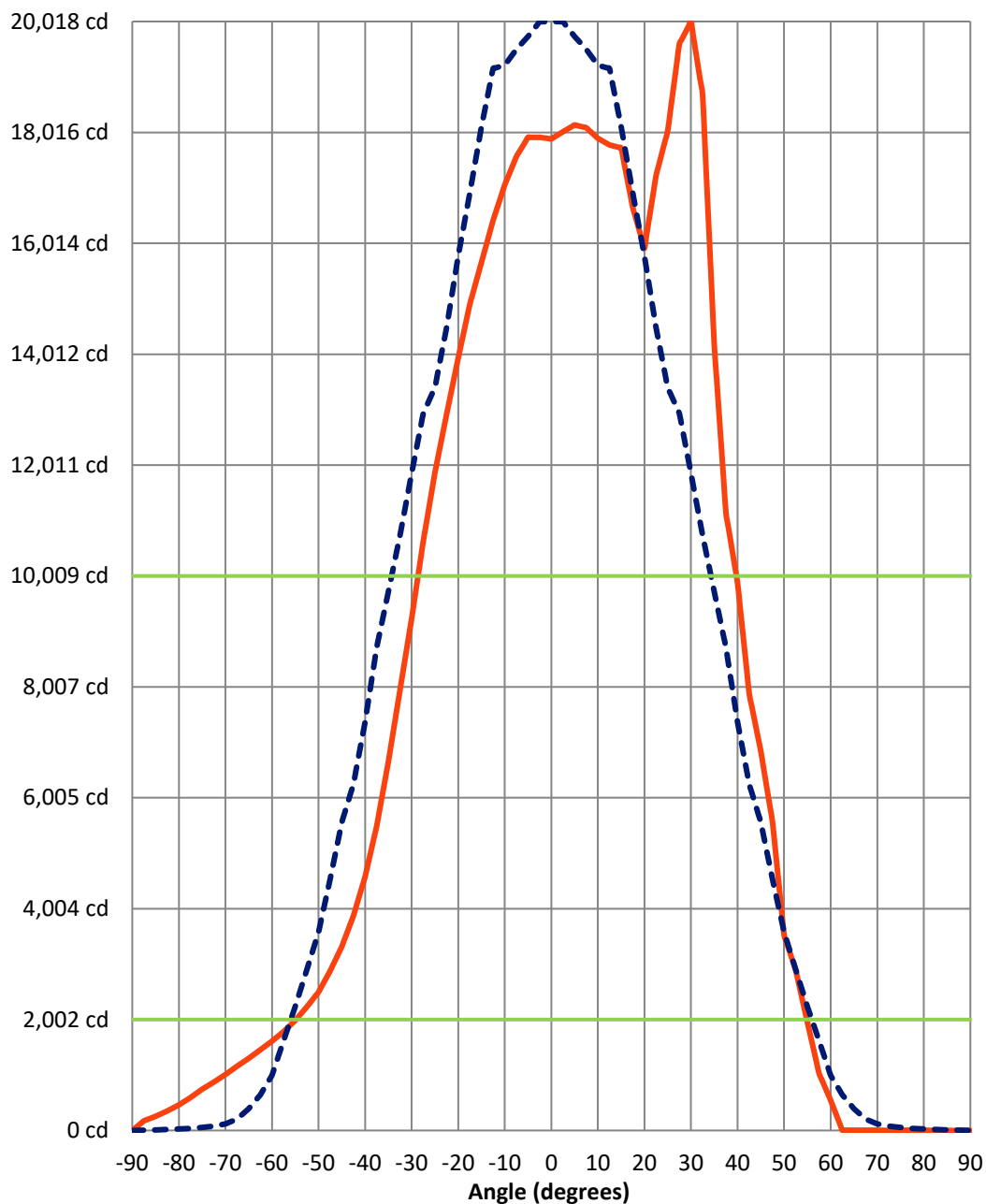
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18292.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27033.1

Efficiency: 94.3%

Spill:

Lumens: 1640.9

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	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	9.1	9.1	9.1	13.7
82.5°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	9.1	13.7	13.7	18.3
80°	4.6	4.6	4.6	4.6	9.1	9.1	9.1	13.7	13.7	18.3	18.3
77.5°	4.6	4.6	4.6	9.1	9.1	9.1	13.7	13.7	18.3	18.3	22.8
75°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	22.8
72.5°	0.0	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	18.3
70°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	18.3
67.5°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	18.3	18.3	18.3	22.8
65°	4.6	4.6	4.6	9.1	13.7	13.7	18.3	22.8	22.8	27.4	32.0
62.5°	4.6	9.1	9.1	13.7	18.3	22.8	50.2	77.6	77.6	54.8	45.7
60°	543.2	588.9	584.3	529.5	461.1	388.0	374.3	360.6	333.2	292.2	305.9
57.5°	1031.7	1086.5	1109.3	1095.6	1059.1	995.2	958.7	917.6	862.8	798.9	725.8
55°	1953.8	1976.7	1926.4	1830.6	1725.6	1620.6	1584.1	1529.3	1447.1	1364.9	1255.4
52.5°	2889.7	2967.3	2944.4	2848.6	2707.1	2519.9	2314.5	2154.7	2058.8	1967.5	1858.0
50°	3528.8	3560.7	3624.6	3738.7	3779.8	3652.0	3318.8	2889.7	2583.8	2739.0	2620.3
47.5°	5569.3	5729.1	5697.1	5615.0	5478.0	5131.1	4665.4	4282.0	3962.4	3857.4	3875.7
45°	6843.0	6906.9	6884.0	6847.5	6783.6	6459.5	5943.7	5354.8	5058.0	4939.3	4816.1
42.5°	7888.3	7956.8	7970.5	7975.1	7906.6	7609.9	7144.2	6555.4	6258.6	5916.3	5646.9
40°	9883.3	9983.7	9869.6	9718.9	9490.7	9152.9	8696.4	8153.1	7628.1	7208.2	6888.6
37.5°	11156.9	11280.2	11325.8	11316.7	11266.5	11120.4	10558.9	10043.0	9239.6	8299.2	8468.1
35°	14178.9	14306.8	14270.2	14133.3	14060.2	13905.0	13357.2	12745.5	11736.7	10714.1	10440.2
32.5°	18684.6	18963.1	18442.7	17872.0	17520.5	17643.8	17086.9	15589.5	15123.9	13279.6	12426.0
30°	20017.6	20013.0	19748.3	19515.4	19227.8	19168.5	18118.5	16922.5	15781.3	14489.4	13412.0
27.5°	19611.3	19529.1	19305.5	19136.5	18867.2	18725.7	17698.6	16749.0	15429.8	14274.8	13234.0
25°	18045.5	18109.4	17881.2	17849.2	17744.2	17470.3	16959.0	15890.8	14713.0	13434.8	12686.2
22.5°	17237.5	17214.7	16940.8	16781.0	16908.8	16616.7	16411.2	15333.9	14105.9	13028.6	12129.2
20°	15922.8	15927.3	15858.9	15845.2	15767.6	15635.2	15470.8	14708.5	13841.1	12919.0	11837.1
17.5°	16657.7	16844.9	16927.1	16246.9	16438.6	16288.0	16114.5	15050.9	14398.1	13580.9	12170.3
15°	17735.1	17666.6	17584.4	17547.9	17442.9	17301.4	16986.4	16137.3	15014.3	14169.8	13069.6
12.5°	17789.9	17657.5	17625.5	17621.0	17511.4	17315.1	17009.2	16306.2	15311.1	14283.9	13389.2
10°	17908.6	17771.6	17753.3	17776.2	17607.3	17484.0	17178.2	16525.4	15402.4	14480.2	13635.7
7.5°	18100.3	17872.0	17977.0	17908.6	17831.0	17634.7	17306.0	16666.9	15735.6	14740.4	13854.8
5°	18150.5	17899.4	18013.6	17949.6	17835.5	17643.8	17287.7	16758.2	15941.0	14845.4	13941.6
2.5°	18027.2	17954.2	17904.0	17785.3	17735.1	17525.1	17187.3	16621.2	15845.2	14799.8	13923.3
0°	17899.4	17963.3	17849.2	17730.5	17707.7	17538.8	17251.2	16739.9	16068.9	14927.6	14078.5
-2.5°	17926.8	17876.6	17799.0	17675.7	17557.1	17315.1	17054.9	16575.6	15854.3	14649.1	13859.4
-5°	17926.8	17694.0	17703.1	17707.7	17589.0	17337.9	17022.9	16616.7	15726.5	14644.6	13795.5
-7.5°	17579.9	17379.0	17347.1	17319.7	17287.7	17054.9	16808.4	16301.7	15511.9	14525.9	13617.4
-10°	17068.6	16872.3	16890.6	16849.5	16749.0	16593.8	16406.7	15950.2	15301.9	14151.5	13256.8
-12.5°	16429.5	16342.8	16292.5	16224.1	16123.6	15986.7	15795.0	15365.8	14672.0	13690.5	12841.4
-15°	15671.7	15607.8	15562.1	15521.1	15375.0	15233.5	14982.4	14585.2	14151.5	13097.0	12229.7
-17.5°	14913.9	14754.1	14690.2	14635.4	14539.6	14311.3	14083.1	13786.3	13179.2	12343.8	11599.7
-20°	13941.6	13845.7	13768.1	13695.0	13558.1	13380.1	13192.9	12850.5	12325.5	11649.9	10878.4

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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°	12923.6	12868.8	12804.9	12713.6	12622.3	12453.4	12193.2	11864.5	11453.6	10723.2	10001.9
-25°	11873.6	11768.6	11691.0	11604.3	11531.2	11376.0	11124.9	10810.0	10294.1	9664.1	9061.6
-27.5°	10636.5	10536.1	10495.0	10394.5	10330.6	10189.1	9938.0	9645.9	9180.2	8650.7	8039.0
-30°	9239.6	9257.9	9212.2	9116.3	9038.7	8856.1	8664.4	8417.9	8052.7	7546.0	6998.2
-32.5°	7947.7	7970.5	7915.7	7815.3	7714.9	7582.5	7404.5	7180.8	6906.9	6423.0	5948.2
-35°	6655.8	6646.7	6601.0	6541.7	6473.2	6363.6	6162.8	5993.9	5678.9	5341.1	5012.4
-37.5°	5496.3	5519.1	5505.4	5473.5	5395.8	5304.5	5140.2	4985.0	4752.2	4455.5	4199.8
-40°	4578.7	4606.1	4587.8	4555.9	4487.4	4432.6	4323.1	4186.1	3999.0	3743.3	3528.8
-42.5°	3875.7	3894.0	3871.1	3843.7	3784.4	3743.3	3656.6	3542.5	3387.2	3190.9	2999.2
-45°	3318.8	3323.3	3300.5	3282.2	3236.6	3186.4	3113.3	3022.0	2898.8	2761.8	2606.6
-47.5°	2880.5	2876.0	2853.1	2834.9	2798.4	2752.7	2693.4	2611.2	2515.3	2410.3	2287.1
-50°	2497.1	2519.9	2510.8	2492.5	2465.1	2433.2	2373.8	2287.1	2191.2	2113.6	2026.9
-52.5°	2232.3	2236.9	2232.3	2232.3	2227.7	2204.9	2136.4	2049.7	1944.7	1876.2	1803.2
-55°	1985.8	2008.6	2017.7	2026.9	2031.4	2031.4	1949.3	1858.0	1757.5	1689.1	1634.3
-57.5°	1784.9	1798.6	1807.7	1830.6	1848.8	1862.5	1789.5	1707.3	1629.7	1565.8	1515.6
-60°	1611.5	1629.7	1643.4	1666.2	1679.9	1689.1	1643.4	1588.6	1543.0	1501.9	1428.8
-62.5°	1456.2	1469.9	1483.6	1497.3	1511.0	1520.2	1501.9	1474.5	1451.7	1433.4	1342.1
-65°	1301.0	1314.7	1328.4	1346.7	1360.4	1369.5	1364.9	1346.7	1328.4	1310.2	1228.0
-67.5°	1159.5	1173.2	1191.5	1196.0	1205.2	1209.7	1200.6	1186.9	1164.1	1141.3	1077.3
-70°	1008.9	1018.0	1027.1	1027.1	1027.1	1022.6	1013.4	995.2	972.3	940.4	890.2
-72.5°	871.9	881.0	890.2	876.5	867.4	853.7	840.0	817.1	794.3	771.5	744.1
-75°	744.1	748.7	748.7	730.4	716.7	703.0	684.8	671.1	648.2	630.0	607.1
-77.5°	593.5	593.5	593.5	579.8	570.6	561.5	547.8	534.1	515.8	502.2	483.9
-80°	461.1	461.1	461.1	456.5	442.8	433.7	424.5	415.4	401.7	392.6	383.5
-82.5°	351.5	351.5	351.5	346.9	337.8	333.2	324.1	315.0	310.4	301.3	296.7
-85°	255.6	260.2	260.2	255.6	251.1	241.9	237.4	232.8	228.3	223.7	214.6
-87.5°	173.5	173.5	173.5	168.9	164.3	164.3	159.8	150.6	141.5	137.0	132.4
-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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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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	13.7	13.7	13.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3	13.7
82.5°	22.8	22.8	27.4	27.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0
80°	22.8	27.4	32.0	36.5	41.1	45.7	45.7	45.7	45.7	41.1	41.1
77.5°	27.4	27.4	32.0	36.5	41.1	45.7	50.2	54.8	50.2	50.2	50.2
75°	27.4	32.0	32.0	36.5	41.1	45.7	50.2	54.8	54.8	54.8	54.8
72.5°	22.8	27.4	32.0	36.5	36.5	41.1	45.7	45.7	50.2	50.2	54.8
70°	22.8	27.4	32.0	32.0	36.5	36.5	41.1	45.7	45.7	50.2	50.2
67.5°	27.4	32.0	32.0	36.5	41.1	41.1	41.1	45.7	45.7	50.2	50.2
65°	32.0	36.5	36.5	41.1	45.7	45.7	50.2	50.2	50.2	54.8	54.8
62.5°	54.8	54.8	54.8	50.2	54.8	54.8	54.8	59.3	59.3	54.8	59.3
60°	283.0	205.4	141.5	178.0	159.8	73.0	73.0	73.0	68.5	68.5	63.9
57.5°	666.5	620.8	534.1	451.9	406.3	360.6	223.7	91.3	91.3	82.2	73.0
55°	1113.9	963.2	899.3	789.7	671.1	616.3	511.3	346.9	164.3	109.6	95.9
52.5°	1725.6	1584.1	1419.7	1196.0	1036.3	908.4	821.7	652.8	438.2	232.8	146.1
50°	2309.9	2246.0	2145.6	1926.4	1593.2	1378.6	1237.1	1045.4	785.2	479.3	273.9
47.5°	3720.5	3186.4	2862.3	2693.4	2414.9	2008.6	1734.7	1520.2	1205.2	808.0	483.9
45°	4683.7	4345.9	3830.0	3474.0	3063.1	2634.0	2277.9	2031.4	1657.1	1209.7	757.8
42.5°	5510.0	5217.8	4752.2	4231.8	3798.1	3236.6	2780.1	2456.0	2141.0	1652.5	1132.1
40°	6573.6	6226.7	5779.3	5272.6	4765.9	4049.2	3309.6	2917.0	2570.1	2136.4	1529.3
37.5°	8326.6	7714.9	6984.5	6423.0	5761.1	5153.9	4140.5	3446.6	3035.7	2583.8	1994.9
35°	10435.6	9764.6	8545.7	7801.6	6916.0	6012.1	5099.1	4072.0	3487.7	3008.3	2424.0
32.5°	12398.6	11417.1	9855.9	8984.0	8395.1	6728.8	5783.9	4893.7	3953.3	3364.4	2670.5
30°	12941.8	11859.9	10741.5	9723.5	8719.2	7372.5	6254.1	5560.2	4537.6	3579.0	2903.4
27.5°	12394.0	11649.9	10782.6	9837.6	8751.1	7596.2	6541.7	5879.7	4966.7	3725.1	3086.0
25°	11837.1	11061.0	10453.9	9664.1	8659.8	7582.5	6550.8	6080.6	5300.0	4008.1	3186.4
22.5°	11248.2	10764.3	10262.2	9381.1	8431.6	7623.6	6847.5	6254.1	5473.5	4327.6	3227.5
20°	11280.2	10965.2	10412.8	9235.0	8390.5	7865.5	7203.6	6473.2	5660.6	4606.1	3259.4
17.5°	11791.4	11380.6	10686.7	9664.1	8760.3	8112.0	7500.3	6774.5	5852.4	4852.6	3647.4
15°	12421.4	11796.0	11070.2	10170.9	9148.3	8381.4	7728.6	6984.5	6071.5	5080.9	3994.4
12.5°	12877.9	11987.7	11307.5	10495.0	9568.3	8673.5	7879.2	7144.2	6276.9	5268.0	4254.6
10°	13033.1	12225.1	11421.7	10695.8	9782.8	8828.7	7993.3	7244.7	6454.9	5414.1	4446.3
7.5°	13115.3	12430.5	11499.3	10787.1	9910.6	8924.6	8084.6	7299.5	6596.4	5514.5	4569.6
5°	13106.2	12540.1	11558.6	10814.5	9979.1	8965.7	8148.6	7313.2	6696.9	5601.3	4642.6
2.5°	13065.1	12613.1	11654.5	10860.2	10116.1	9043.3	8271.8	7340.5	6733.4	5697.1	4692.8
0°	13215.7	12617.7	11754.9	10873.9	10207.4	9070.7	8326.6	7317.7	6683.2	5724.5	4688.3
-2.5°	12891.6	12348.4	11732.1	10755.2	10084.1	9006.8	8226.2	7244.7	6573.6	5692.6	4670.0
-5°	12836.8	12152.1	11540.4	10645.6	9878.7	8874.4	8039.0	7107.7	6400.2	5587.6	4597.0
-7.5°	12690.7	11964.9	11353.2	10558.9	9687.0	8737.4	7861.0	6966.2	6213.0	5423.2	4492.0
-10°	12371.2	11677.3	11152.3	10371.7	9454.1	8541.1	7646.4	6779.0	5993.9	5199.6	4327.6
-12.5°	11914.7	11220.8	10700.4	9974.6	9162.0	8276.4	7390.8	6537.1	5742.8	4962.2	4131.3
-15°	11398.8	10695.8	10175.4	9513.5	8728.3	7865.5	7066.6	6231.2	5455.2	4711.1	3898.5
-17.5°	10814.5	10148.0	9645.9	9002.2	8221.6	7399.9	6605.6	5847.8	5121.9	4450.9	3629.2
-20°	10138.9	9490.7	9029.6	8385.9	7669.2	6870.3	6098.9	5382.2	4729.4	4099.4	3332.5



REPORT NUMBER: P722469

CATALOG NUMBER: IFLD-M-SA4C-735-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°	9303.5	8732.9	8207.9	7632.7	7007.3	6276.9	5560.2	4925.7	4300.2	3684.0	3026.6
-25°	8449.8	7897.5	7386.2	6861.2	6263.2	5633.2	5021.5	4446.3	3834.6	3277.7	2729.9
-27.5°	7500.3	7007.3	6550.8	6066.9	5519.1	4975.9	4473.7	3912.2	3382.7	2907.9	2437.7
-30°	6486.9	6085.2	5688.0	5258.9	4816.1	4359.6	3912.2	3382.7	2967.3	2588.4	2191.2
-32.5°	5514.5	5153.9	4834.4	4514.8	4131.3	3757.0	3359.9	2967.3	2620.3	2287.1	1953.8
-35°	4660.9	4277.4	4099.4	3843.7	3537.9	3200.1	2876.0	2602.1	2323.6	2022.3	1725.6
-37.5°	3921.3	3674.8	3464.8	3273.1	3031.2	2739.0	2506.2	2282.5	2049.7	1775.8	1520.2
-40°	3341.6	3163.6	2953.6	2812.0	2615.8	2405.8	2172.9	1985.8	1789.5	1565.8	1355.8
-42.5°	2876.0	2729.9	2592.9	2442.3	2296.2	2118.2	1917.3	1739.3	1561.2	1396.9	1223.4
-45°	2492.5	2387.5	2277.9	2154.7	2026.9	1871.7	1707.3	1524.7	1396.9	1250.8	1104.7
-47.5°	2177.5	2099.9	2008.6	1912.7	1803.2	1666.2	1515.6	1383.2	1250.8	1127.6	986.0
-50°	1926.4	1853.4	1780.4	1698.2	1602.3	1483.6	1369.5	1246.2	1123.0	1004.3	871.9
-52.5°	1716.4	1652.5	1593.2	1524.7	1433.4	1333.0	1228.0	1118.4	1004.3	885.6	780.6
-55°	1570.4	1497.3	1438.0	1369.5	1287.3	1191.5	1095.6	995.2	885.6	794.3	707.6
-57.5°	1451.7	1369.5	1301.0	1228.0	1145.8	1063.6	976.9	885.6	803.4	716.7	634.5
-60°	1351.2	1255.4	1177.8	1104.7	1027.1	949.5	876.5	798.9	721.3	643.7	561.5
-62.5°	1246.2	1145.8	1050.0	981.5	922.1	853.7	789.7	716.7	648.2	570.6	511.3
-65°	1127.6	1031.7	940.4	881.0	826.3	766.9	707.6	643.7	584.3	525.0	470.2
-67.5°	995.2	913.0	849.1	794.3	739.5	689.3	634.5	579.8	529.5	470.2	415.4
-70°	835.4	789.7	753.2	712.1	661.9	616.3	566.1	515.8	461.1	410.9	360.6
-72.5°	712.1	684.8	657.4	616.3	570.6	529.5	488.5	442.8	397.2	351.5	310.4
-75°	584.3	561.5	538.7	511.3	474.8	442.8	406.3	365.2	328.7	296.7	264.8
-77.5°	470.2	451.9	438.2	415.4	388.0	360.6	337.8	310.4	283.0	251.1	219.1
-80°	374.3	365.2	360.6	351.5	328.7	305.9	287.6	264.8	237.4	214.6	191.7
-82.5°	292.2	292.2	287.6	283.0	264.8	246.5	232.8	214.6	196.3	178.0	155.2
-85°	214.6	210.0	210.0	205.4	191.7	182.6	168.9	159.8	146.1	127.8	118.7
-87.5°	127.8	123.3	118.7	114.1	105.0	100.4	91.3	86.7	77.6	68.5	63.9
-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-M-SA4C-735-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	13.7	9.1	9.1	9.1	9.1	9.1	4.6	4.6	4.6	4.6	4.6
82.5°	27.4	27.4	22.8	22.8	18.3	13.7	9.1	9.1	9.1	4.6	4.6
80°	41.1	41.1	41.1	36.5	32.0	22.8	18.3	13.7	9.1	4.6	4.6
77.5°	50.2	45.7	45.7	41.1	41.1	36.5	27.4	22.8	13.7	9.1	4.6
75°	50.2	50.2	50.2	45.7	45.7	41.1	36.5	27.4	22.8	13.7	9.1
72.5°	54.8	50.2	50.2	50.2	45.7	41.1	36.5	32.0	27.4	18.3	9.1
70°	50.2	50.2	50.2	50.2	45.7	45.7	36.5	32.0	32.0	18.3	13.7
67.5°	50.2	50.2	50.2	45.7	45.7	41.1	36.5	32.0	32.0	22.8	13.7
65°	54.8	50.2	50.2	50.2	45.7	41.1	36.5	32.0	32.0	27.4	18.3
62.5°	59.3	54.8	54.8	50.2	45.7	41.1	36.5	32.0	32.0	27.4	18.3
60°	63.9	59.3	54.8	54.8	50.2	45.7	36.5	36.5	32.0	27.4	18.3
57.5°	68.5	63.9	63.9	59.3	54.8	50.2	41.1	36.5	32.0	27.4	22.8
55°	82.2	73.0	68.5	68.5	63.9	54.8	45.7	36.5	32.0	27.4	22.8
52.5°	109.6	86.7	77.6	77.6	73.0	63.9	50.2	41.1	32.0	27.4	22.8
50°	173.5	109.6	91.3	82.2	82.2	73.0	59.3	45.7	32.0	27.4	22.8
47.5°	273.9	182.6	109.6	95.9	91.3	86.7	68.5	45.7	36.5	27.4	22.8
45°	451.9	269.3	178.0	114.1	95.9	91.3	77.6	50.2	36.5	32.0	22.8
42.5°	620.8	420.0	273.9	137.0	114.1	100.4	82.2	54.8	41.1	32.0	22.8
40°	976.9	575.2	383.5	223.7	132.4	105.0	91.3	63.9	41.1	32.0	22.8
37.5°	1323.9	762.4	515.8	328.7	150.6	118.7	95.9	68.5	45.7	32.0	27.4
35°	1670.8	1068.2	639.1	438.2	200.9	141.5	100.4	73.0	45.7	32.0	27.4
32.5°	1981.2	1355.8	766.9	547.8	301.3	168.9	109.6	77.6	50.2	36.5	27.4
30°	2236.9	1620.6	995.2	643.7	392.6	205.4	118.7	77.6	54.8	36.5	27.4
27.5°	2428.6	1826.0	1228.0	744.1	470.2	241.9	137.0	86.7	54.8	36.5	27.4
25°	2583.8	1985.8	1433.4	849.1	538.7	301.3	164.3	91.3	59.3	41.1	27.4
22.5°	2707.1	2118.2	1602.3	990.6	620.8	360.6	200.9	100.4	59.3	41.1	27.4
20°	2876.0	2250.6	1716.4	1141.3	707.6	415.4	232.8	109.6	59.3	41.1	32.0
17.5°	3022.0	2382.9	1807.7	1269.1	794.3	456.5	269.3	118.7	63.9	41.1	32.0
15°	3190.9	2510.8	1889.9	1369.5	876.5	493.0	301.3	127.8	63.9	45.7	32.0
12.5°	3373.5	2629.4	1949.3	1451.7	963.2	525.0	328.7	146.1	68.5	45.7	32.0
10°	3560.7	2729.9	1999.5	1511.0	1027.1	556.9	346.9	164.3	73.0	45.7	32.0
7.5°	3747.9	2821.2	2063.4	1538.4	1054.5	593.5	356.1	182.6	73.0	50.2	32.0
5°	3875.7	2880.5	2154.7	1556.7	1068.2	634.5	369.8	205.4	77.6	50.2	32.0
2.5°	3985.3	2917.0	2250.6	1570.4	1072.8	657.4	365.2	219.1	82.2	50.2	32.0
0°	4035.5	2917.0	2314.5	1561.2	1059.1	680.2	365.2	232.8	82.2	50.2	32.0
-2.5°	3957.9	2999.2	2296.2	1565.8	1063.6	680.2	383.5	237.4	91.3	54.8	32.0
-5°	3834.6	3031.2	2241.4	1543.0	1054.5	680.2	406.3	241.9	95.9	54.8	36.5
-7.5°	3715.9	3044.9	2177.5	1520.2	1040.8	661.9	410.9	237.4	105.0	59.3	36.5
-10°	3560.7	2894.2	2095.3	1479.1	1013.4	648.2	420.0	237.4	109.6	59.3	36.5
-12.5°	3382.7	2711.6	1994.9	1419.7	981.5	634.5	424.5	237.4	114.1	63.9	36.5
-15°	3177.3	2524.5	1880.8	1355.8	935.8	616.3	415.4	232.8	118.7	63.9	41.1
-17.5°	2944.4	2341.9	1762.1	1278.2	885.6	593.5	397.2	228.3	118.7	63.9	41.1
-20°	2679.7	2159.3	1629.7	1200.6	826.3	566.1	378.9	219.1	118.7	63.9	41.1

REPORT NUMBER: P722469

CATALOG NUMBER: IFLD-M-SA4C-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2442.3	1990.3	1492.8	1113.9	762.4	534.1	356.1	210.0	118.7	68.5	41.1
-25°	2246.0	1826.0	1387.8	1027.1	693.9	497.6	333.2	200.9	118.7	68.5	41.1
-27.5°	2040.6	1648.0	1278.2	945.0	648.2	465.6	310.4	191.7	114.1	68.5	41.1
-30°	1830.6	1474.5	1164.1	853.7	602.6	433.7	292.2	178.0	114.1	68.5	41.1
-32.5°	1638.8	1333.0	1059.1	762.4	552.4	401.7	273.9	173.5	109.6	68.5	41.1
-35°	1451.7	1205.2	949.5	689.3	497.6	369.8	255.6	168.9	109.6	68.5	41.1
-37.5°	1296.5	1086.5	849.1	639.1	465.6	342.4	237.4	159.8	105.0	68.5	41.1
-40°	1168.6	976.9	753.2	584.3	438.2	315.0	219.1	155.2	105.0	68.5	41.1
-42.5°	1050.0	871.9	693.9	538.7	410.9	296.7	205.4	150.6	100.4	68.5	41.1
-45°	945.0	780.6	634.5	497.6	378.9	273.9	196.3	141.5	95.9	68.5	45.7
-47.5°	840.0	716.7	579.8	461.1	346.9	246.5	187.2	137.0	91.3	63.9	45.7
-50°	757.8	648.2	534.1	420.0	315.0	237.4	178.0	127.8	91.3	63.9	45.7
-52.5°	684.8	584.3	483.9	378.9	287.6	223.7	168.9	118.7	86.7	63.9	45.7
-55°	616.3	525.0	433.7	337.8	269.3	210.0	155.2	109.6	86.7	63.9	45.7
-57.5°	547.8	470.2	383.5	305.9	246.5	196.3	146.1	109.6	86.7	63.9	45.7
-60°	493.0	420.0	346.9	283.0	228.3	178.0	132.4	105.0	82.2	63.9	45.7
-62.5°	447.4	378.9	315.0	255.6	210.0	159.8	127.8	105.0	82.2	63.9	41.1
-65°	401.7	342.4	283.0	232.8	187.2	150.6	123.3	100.4	82.2	63.9	41.1
-67.5°	356.1	301.3	255.6	205.4	173.5	146.1	118.7	100.4	77.6	59.3	41.1
-70°	310.4	264.8	223.7	191.7	164.3	137.0	114.1	95.9	77.6	54.8	36.5
-72.5°	273.9	232.8	200.9	178.0	155.2	132.4	109.6	91.3	73.0	50.2	32.0
-75°	232.8	205.4	182.6	159.8	141.5	123.3	105.0	82.2	63.9	45.7	32.0
-77.5°	196.3	178.0	159.8	146.1	127.8	109.6	91.3	73.0	59.3	41.1	27.4
-80°	168.9	155.2	141.5	127.8	114.1	95.9	82.2	63.9	50.2	36.5	22.8
-82.5°	137.0	127.8	114.1	105.0	95.9	82.2	68.5	54.8	36.5	27.4	18.3
-85°	105.0	95.9	91.3	82.2	73.0	59.3	45.7	36.5	27.4	18.3	9.1
-87.5°	54.8	50.2	45.7	41.1	36.5	27.4	22.8	18.3	13.7	9.1	4.6
-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-SA4C-735-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°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	9.1	4.6	0.0	0.0
65°	9.1	4.6	0.0	0.0
62.5°	9.1	4.6	0.0	0.0
60°	9.1	4.6	0.0	0.0
57.5°	13.7	4.6	4.6	0.0
55°	13.7	4.6	4.6	0.0
52.5°	13.7	4.6	4.6	0.0
50°	13.7	9.1	4.6	0.0
47.5°	13.7	9.1	4.6	0.0
45°	13.7	9.1	4.6	0.0
42.5°	13.7	9.1	4.6	0.0
40°	18.3	9.1	4.6	0.0
37.5°	18.3	9.1	4.6	0.0
35°	18.3	9.1	4.6	0.0
32.5°	18.3	9.1	4.6	0.0
30°	18.3	9.1	4.6	0.0
27.5°	18.3	13.7	4.6	0.0
25°	18.3	13.7	4.6	0.0
22.5°	22.8	13.7	4.6	0.0
20°	22.8	13.7	4.6	0.0
17.5°	22.8	13.7	4.6	0.0
15°	22.8	13.7	4.6	0.0
12.5°	22.8	13.7	4.6	0.0
10°	22.8	13.7	4.6	0.0
7.5°	22.8	13.7	4.6	0.0
5°	22.8	13.7	4.6	0.0
2.5°	22.8	13.7	4.6	0.0
0°	22.8	13.7	4.6	0.0
-2.5°	22.8	13.7	4.6	0.0
-5°	22.8	13.7	4.6	0.0
-7.5°	22.8	13.7	4.6	0.0
-10°	22.8	13.7	4.6	0.0
-12.5°	27.4	13.7	4.6	0.0
-15°	27.4	13.7	4.6	0.0
-17.5°	27.4	13.7	4.6	0.0
-20°	27.4	13.7	4.6	0.0

REPORT NUMBER: P722469

CATALOG NUMBER: IFLD-M-SA4C-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.4	13.7	4.6	0.0
-25°	27.4	13.7	4.6	0.0
-27.5°	27.4	13.7	4.6	0.0
-30°	27.4	13.7	4.6	0.0
-32.5°	27.4	13.7	4.6	0.0
-35°	27.4	13.7	4.6	0.0
-37.5°	27.4	13.7	4.6	0.0
-40°	27.4	13.7	4.6	0.0
-42.5°	22.8	13.7	4.6	0.0
-45°	27.4	13.7	4.6	0.0
-47.5°	27.4	13.7	4.6	0.0
-50°	27.4	13.7	4.6	0.0
-52.5°	27.4	13.7	4.6	0.0
-55°	27.4	13.7	4.6	0.0
-57.5°	27.4	13.7	4.6	0.0
-60°	27.4	13.7	4.6	0.0
-62.5°	22.8	13.7	4.6	0.0
-65°	22.8	9.1	4.6	0.0
-67.5°	22.8	9.1	4.6	0.0
-70°	22.8	9.1	4.6	0.0
-72.5°	18.3	9.1	4.6	0.0
-75°	18.3	9.1	4.6	0.0
-77.5°	13.7	4.6	0.0	0.0
-80°	13.7	4.6	0.0	0.0
-82.5°	9.1	4.6	0.0	0.0
-85°	4.6	4.6	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)