

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: P722471

Luminaire Tested: **IFLD-M-SA4E-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722471
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-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:	36513.1 lumens	Max Intensity:	25490.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.0 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:	23293.8 lumens	Field Lumens:	34423.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

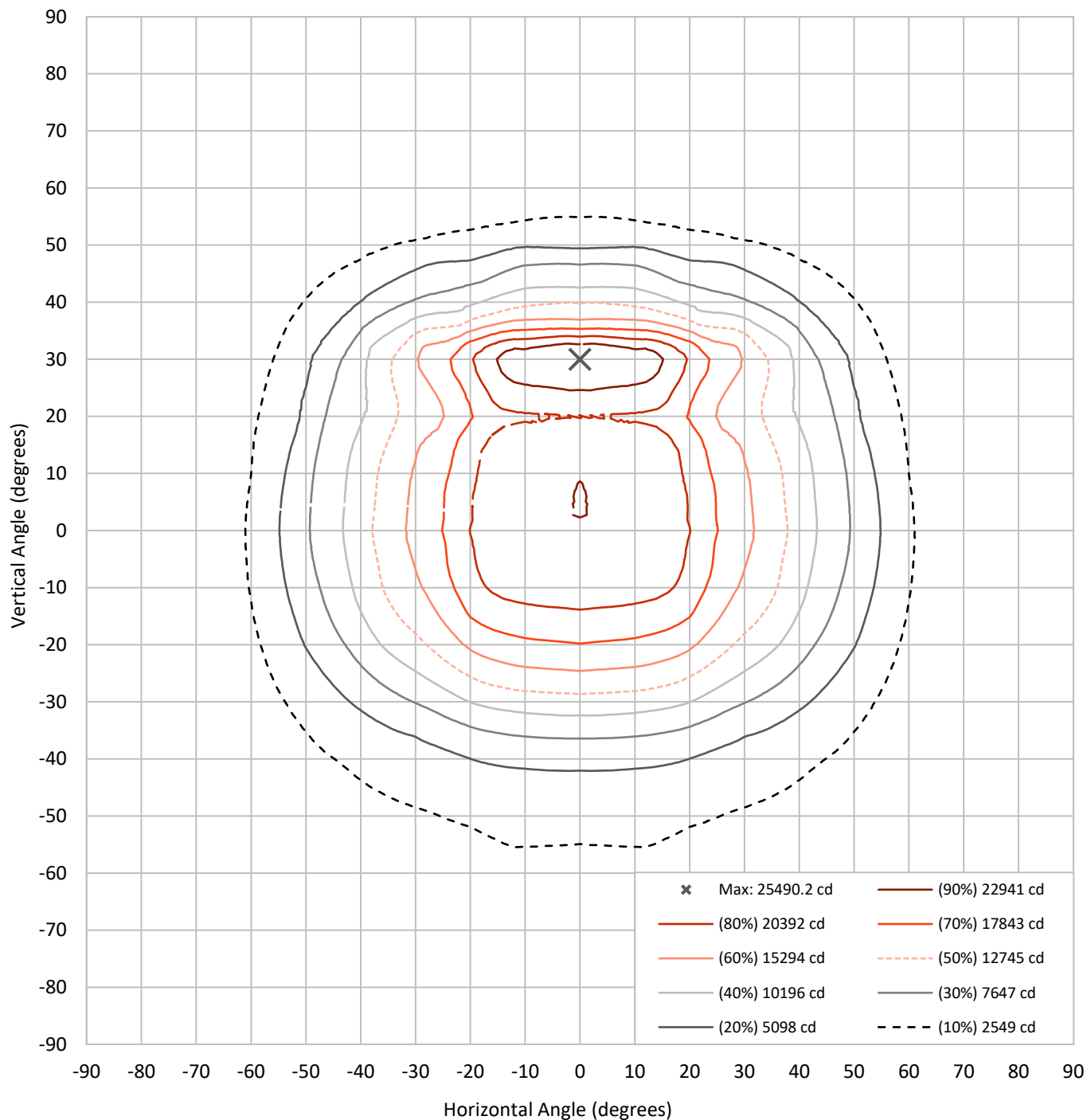
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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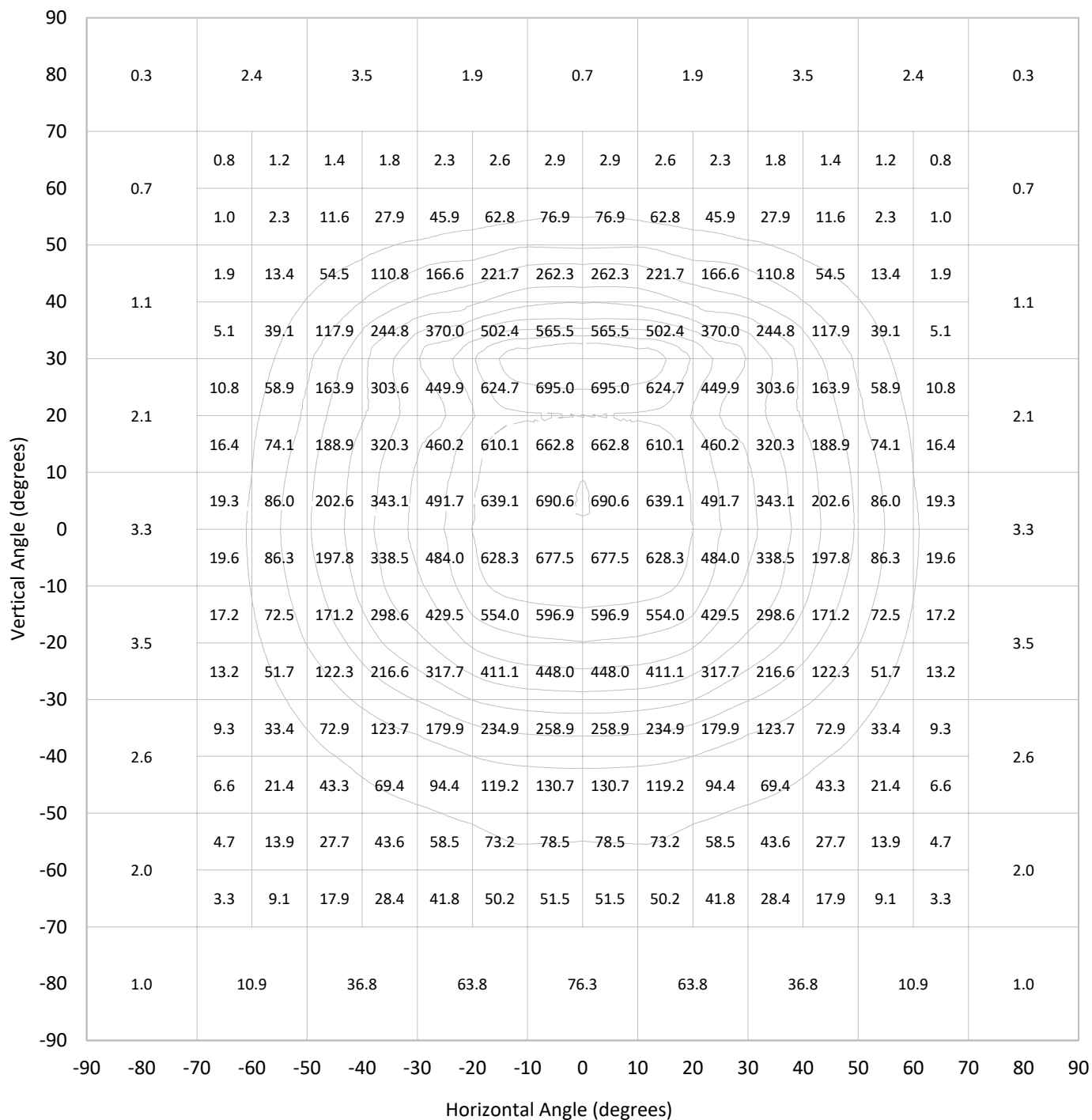
Iso-Candela Plot



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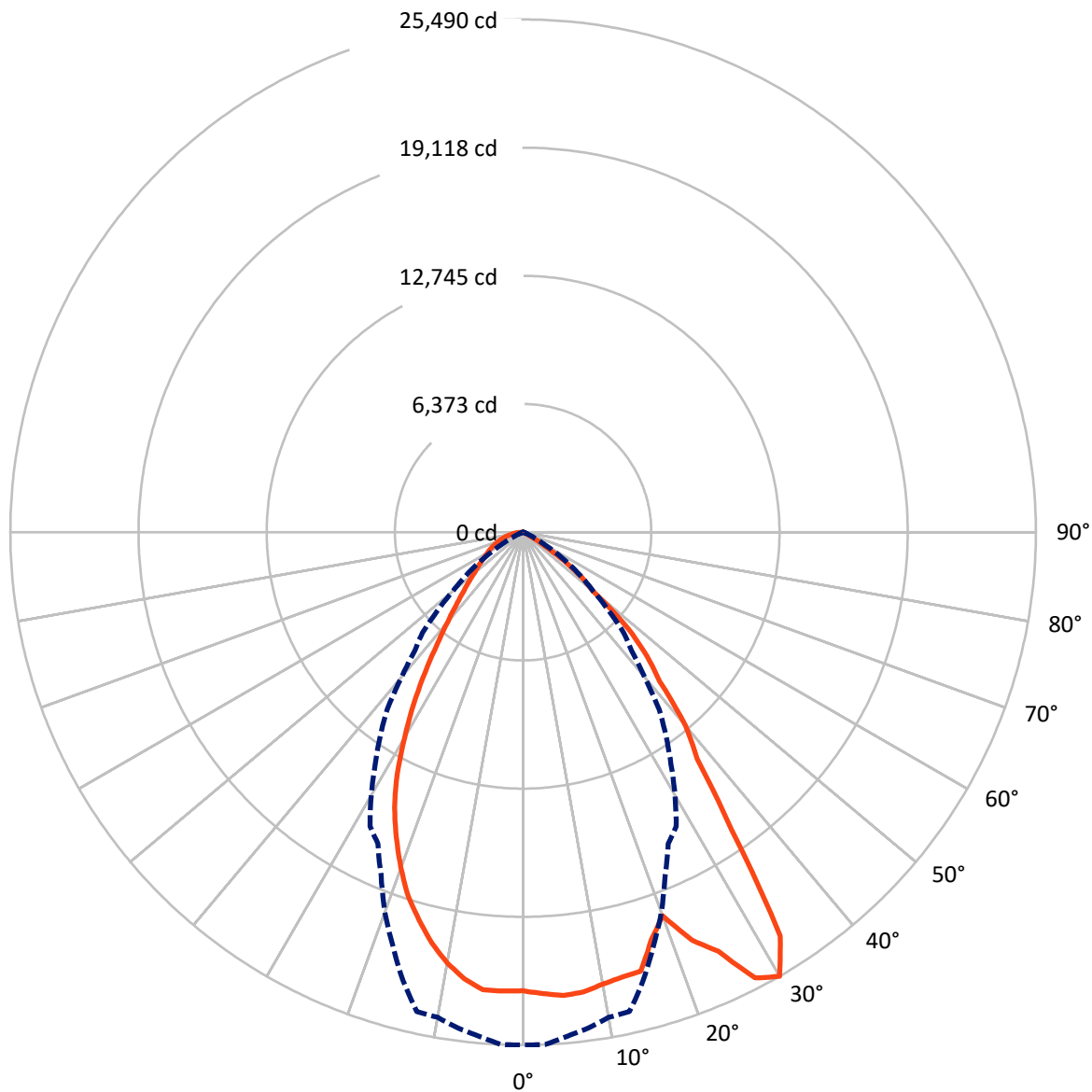
Lumen Table



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Luminous Intensity Polar Plot



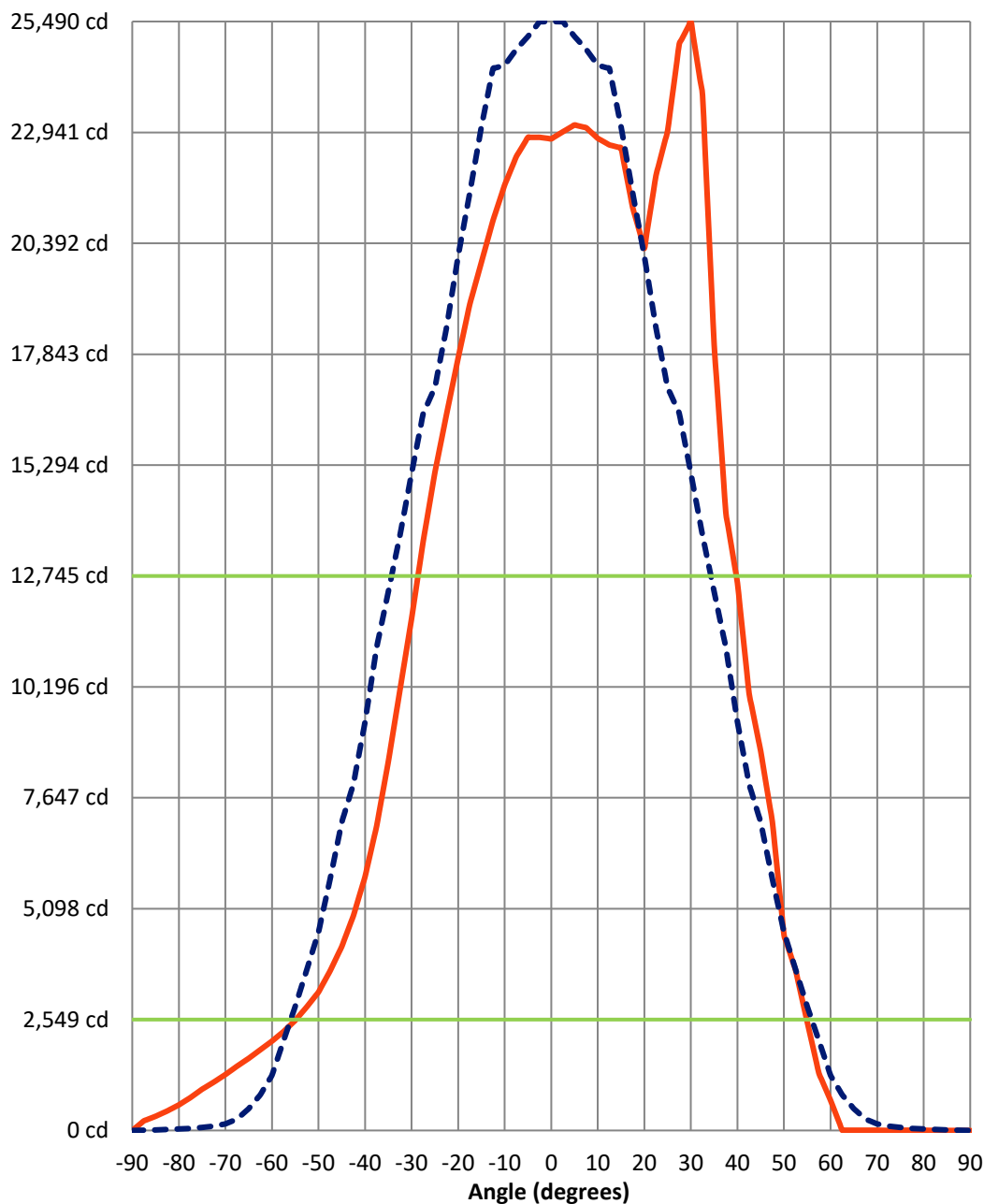
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23293.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34423.6

Efficiency: 94.3%

Spill:

Lumens: 2089.4

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	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	0.0	5.8	5.8	5.8	11.6	11.6	11.6	11.6	11.6	11.6	17.4
82.5°	0.0	5.8	5.8	5.8	11.6	11.6	11.6	11.6	17.4	17.4	23.3
80°	5.8	5.8	5.8	5.8	11.6	11.6	11.6	17.4	17.4	23.3	23.3
77.5°	5.8	5.8	5.8	11.6	11.6	11.6	17.4	17.4	23.3	23.3	29.1
75°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.3	23.3	29.1
72.5°	0.0	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.3	23.3	23.3
70°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	17.4	23.3	23.3	23.3
67.5°	5.8	5.8	5.8	11.6	11.6	17.4	17.4	23.3	23.3	23.3	29.1
65°	5.8	5.8	5.8	11.6	17.4	17.4	23.3	29.1	29.1	34.9	40.7
62.5°	5.8	11.6	11.6	17.4	23.3	29.1	63.9	98.8	98.8	69.8	58.1
60°	691.8	749.9	744.1	674.3	587.1	494.1	476.7	459.2	424.4	372.0	389.5
57.5°	1313.7	1383.5	1412.6	1395.1	1348.6	1267.2	1220.7	1168.4	1098.7	1017.3	924.3
55°	2488.0	2517.0	2453.1	2331.0	2197.3	2063.6	2017.1	1947.4	1842.7	1738.1	1598.6
52.5°	3679.7	3778.5	3749.4	3627.3	3447.1	3208.8	2947.2	2743.8	2621.7	2505.4	2365.9
50°	4493.5	4534.2	4615.6	4760.9	4813.2	4650.4	4226.1	3679.7	3290.2	3487.8	3336.7
47.5°	7091.9	7295.4	7254.7	7150.0	6975.6	6533.9	5940.9	5452.6	5045.7	4912.0	4935.3
45°	8713.7	8795.1	8766.1	8719.6	8638.2	8225.5	7568.6	6818.7	6440.8	6289.7	6132.8
42.5°	10044.9	10132.1	10149.6	10155.4	10068.2	9690.3	9097.4	8347.5	7969.7	7533.7	7190.7
40°	12585.2	12713.1	12567.8	12376.0	12085.3	11655.1	11073.8	10382.1	9713.6	9178.8	8771.9
37.5°	14207.1	14364.0	14422.2	14410.5	14346.6	14160.6	13445.6	12788.7	11765.6	10568.1	10783.2
35°	18055.3	18218.1	18171.6	17997.2	17904.2	17706.5	17009.0	16230.0	14945.3	13643.2	13294.4
32.5°	23792.8	24147.4	23484.7	22758.1	22310.5	22467.4	21758.2	19851.5	19258.6	16910.1	15823.1
30°	25490.2	25484.4	25147.2	24850.7	24484.5	24409.0	23072.0	21548.9	20095.7	18450.6	17078.7
27.5°	24972.8	24868.2	24583.3	24368.3	24025.3	23845.1	22537.2	21328.0	19648.1	18177.4	16852.0
25°	22979.0	23060.3	22769.7	22729.0	22595.3	22246.5	21595.4	20235.2	18735.4	17107.8	16154.4
22.5°	21950.0	21921.0	21572.2	21368.7	21531.5	21159.5	20897.9	19526.0	17962.3	16590.4	15445.2
20°	20275.9	20281.7	20194.5	20177.1	20078.2	19909.7	19700.4	18729.6	17625.1	16450.9	15073.2
17.5°	21211.8	21450.1	21554.8	20688.6	20932.8	20740.9	20520.0	19165.6	18334.3	17293.8	15497.6
15°	22583.7	22496.5	22391.8	22345.3	22211.6	22031.4	21630.3	20549.1	19119.1	18043.7	16642.7
12.5°	22653.4	22484.8	22444.2	22438.3	22298.8	22048.9	21659.4	20764.2	19496.9	18189.0	17049.6
10°	22804.6	22630.2	22606.9	22636.0	22420.9	22263.9	21874.5	21043.2	19613.2	18439.0	17363.6
7.5°	23048.7	22758.1	22891.8	22804.6	22705.7	22455.8	22037.2	21223.4	20037.6	18770.3	17642.6
5°	23112.7	22792.9	22938.3	22856.9	22711.6	22467.4	22014.0	21339.7	20299.1	18904.0	17753.0
2.5°	22955.7	22862.7	22798.7	22647.6	22583.7	22316.3	21886.1	21165.3	20177.1	18845.9	17729.8
0°	22792.9	22874.3	22729.0	22577.9	22548.8	22333.7	21967.5	21316.4	20461.9	19008.6	17927.4
-2.5°	22827.8	22763.9	22665.0	22508.1	22357.0	22048.9	21717.5	21107.2	20188.7	18654.0	17648.4
-5°	22827.8	22531.3	22543.0	22548.8	22397.6	22077.9	21676.8	21159.5	20025.9	18648.2	17567.0
-7.5°	22386.0	22130.2	22089.6	22054.7	22014.0	21717.5	21403.6	20758.4	19752.7	18497.1	17340.3
-10°	21735.0	21485.0	21508.3	21455.9	21328.0	21130.4	20892.1	20310.8	19485.3	18020.4	16881.1
-12.5°	20921.1	20810.7	20746.7	20659.5	20531.7	20357.3	20113.1	19566.7	18683.1	17433.3	16352.1
-15°	19956.2	19874.8	19816.7	19764.3	19578.3	19398.1	19078.4	18572.7	18020.4	16677.6	15573.1
-17.5°	18991.2	18787.7	18706.4	18636.6	18514.5	18223.9	17933.2	17555.4	16782.2	15718.5	14770.9
-20°	17753.0	17631.0	17532.1	17439.1	17264.7	17038.0	16799.7	16363.7	15695.2	14834.9	13852.5

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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°	16456.7	16387.0	16305.6	16189.3	16073.1	15858.0	15526.6	15108.1	14584.9	13654.8	12736.4
-25°	15119.7	14986.0	14887.2	14776.7	14683.7	14486.1	14166.4	13765.3	13108.4	12306.2	11538.9
-27.5°	13544.4	13416.5	13364.2	13236.3	13154.9	12974.7	12655.0	12283.0	11690.0	11015.7	10236.8
-30°	11765.6	11788.8	11730.7	11608.6	11509.8	11277.3	11033.2	10719.2	10254.2	9609.0	8911.4
-32.5°	10120.5	10149.6	10079.8	9951.9	9824.0	9655.5	9428.8	9143.9	8795.1	8178.9	7574.4
-35°	8475.4	8463.8	8405.7	8330.1	8242.9	8103.4	7847.6	7632.5	7231.4	6801.3	6382.7
-37.5°	6998.9	7028.0	7010.5	6969.8	6871.0	6754.8	6545.5	6347.8	6051.4	5673.5	5348.0
-40°	5830.5	5865.4	5842.1	5801.4	5714.2	5644.5	5504.9	5330.6	5092.2	4766.7	4493.5
-42.5°	4935.3	4958.5	4929.5	4894.6	4819.0	4766.7	4656.2	4510.9	4313.3	4063.3	3819.2
-45°	4226.1	4231.9	4202.8	4179.6	4121.4	4057.5	3964.5	3848.2	3691.3	3516.9	3319.2
-47.5°	3668.0	3662.2	3633.2	3609.9	3563.4	3505.3	3429.7	3325.1	3203.0	3069.3	2912.3
-50°	3179.7	3208.8	3197.2	3173.9	3139.0	3098.4	3022.8	2912.3	2790.3	2691.4	2581.0
-52.5°	2842.6	2848.4	2842.6	2842.6	2836.8	2807.7	2720.5	2610.1	2476.4	2389.2	2296.2
-55°	2528.7	2557.7	2569.4	2581.0	2586.8	2586.8	2482.2	2365.9	2238.0	2150.8	2081.1
-57.5°	2272.9	2290.3	2302.0	2331.0	2354.3	2371.7	2278.7	2174.1	2075.3	1993.9	1929.9
-60°	2052.0	2075.3	2092.7	2121.8	2139.2	2150.8	2092.7	2022.9	1964.8	1912.5	1819.5
-62.5°	1854.4	1871.8	1889.2	1906.7	1924.1	1935.7	1912.5	1877.6	1848.5	1825.3	1709.0
-65°	1656.7	1674.2	1691.6	1714.8	1732.3	1743.9	1738.1	1714.8	1691.6	1668.3	1563.7
-67.5°	1476.5	1494.0	1517.2	1523.0	1534.6	1540.5	1528.8	1511.4	1482.3	1453.3	1371.9
-70°	1284.7	1296.3	1307.9	1307.9	1307.9	1302.1	1290.5	1267.2	1238.2	1197.5	1133.5
-72.5°	1110.3	1121.9	1133.5	1116.1	1104.5	1087.0	1069.6	1040.5	1011.5	982.4	947.5
-75°	947.5	953.3	953.3	930.1	912.6	895.2	872.0	854.5	825.5	802.2	773.1
-77.5°	755.7	755.7	755.7	738.3	726.6	715.0	697.6	680.1	656.9	639.4	616.2
-80°	587.1	587.1	587.1	581.3	563.9	552.2	540.6	529.0	511.5	499.9	488.3
-82.5°	447.6	447.6	447.6	441.8	430.2	424.4	412.7	401.1	395.3	383.7	377.8
-85°	325.5	331.3	331.3	325.5	319.7	308.1	302.3	296.5	290.7	284.8	273.2
-87.5°	220.9	220.9	220.9	215.1	209.3	209.3	203.5	191.8	180.2	174.4	168.6
-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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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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
85°	17.4	17.4	17.4	23.3	23.3	23.3	23.3	23.3	23.3	23.3	17.4
82.5°	29.1	29.1	34.9	34.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7
80°	29.1	34.9	40.7	46.5	52.3	58.1	58.1	58.1	58.1	52.3	52.3
77.5°	34.9	34.9	40.7	46.5	52.3	58.1	63.9	69.8	63.9	63.9	63.9
75°	34.9	40.7	40.7	46.5	52.3	58.1	63.9	69.8	69.8	69.8	69.8
72.5°	29.1	34.9	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9	69.8
70°	29.1	34.9	40.7	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9
67.5°	34.9	40.7	40.7	46.5	52.3	52.3	52.3	58.1	58.1	63.9	63.9
65°	40.7	46.5	46.5	52.3	58.1	58.1	63.9	63.9	63.9	69.8	69.8
62.5°	69.8	69.8	69.8	63.9	69.8	69.8	69.8	75.6	75.6	69.8	75.6
60°	360.4	261.6	180.2	226.7	203.5	93.0	93.0	93.0	87.2	87.2	81.4
57.5°	848.7	790.6	680.1	575.5	517.4	459.2	284.8	116.3	116.3	104.6	93.0
55°	1418.4	1226.6	1145.2	1005.7	854.5	784.8	651.1	441.8	209.3	139.5	122.1
52.5°	2197.3	2017.1	1807.9	1523.0	1319.6	1156.8	1046.3	831.3	558.1	296.5	186.0
50°	2941.4	2860.0	2732.1	2453.1	2028.8	1755.5	1575.3	1331.2	999.8	610.4	348.8
47.5°	4737.6	4057.5	3644.8	3429.7	3075.1	2557.7	2209.0	1935.7	1534.6	1028.9	616.2
45°	5964.2	5534.0	4877.1	4423.7	3900.6	3354.1	2900.7	2586.8	2110.1	1540.5	965.0
42.5°	7016.3	6644.3	6051.4	5388.7	4836.5	4121.4	3540.1	3127.4	2726.3	2104.3	1441.6
40°	8370.8	7929.0	7359.3	6714.1	6068.8	5156.2	4214.5	3714.5	3272.7	2720.5	1947.4
37.5°	10603.0	9824.0	8894.0	8178.9	7336.1	6562.9	5272.4	4388.8	3865.7	3290.2	2540.3
35°	13288.6	12434.1	10882.0	9934.5	8806.8	7655.8	6493.2	5185.2	4441.2	3830.8	3086.7
32.5°	15788.2	14538.4	12550.4	11440.1	10690.2	8568.4	7365.1	6231.6	5034.1	4284.2	3400.6
30°	16480.0	15102.3	13678.1	12381.8	11102.9	9388.1	7963.9	7080.3	5778.2	4557.4	3697.1
27.5°	15782.4	14834.9	13730.4	12527.1	11143.6	9672.9	8330.1	7487.2	6324.6	4743.4	3929.6
25°	15073.2	14085.0	13311.9	12306.2	11027.3	9655.5	8341.7	7743.0	6748.9	5103.8	4057.5
22.5°	14323.3	13707.2	13067.7	11945.8	10736.7	9707.8	8719.6	7963.9	6969.8	5510.8	4109.8
20°	14364.0	13962.9	13259.5	11759.8	10684.4	10015.9	9173.0	8242.9	7208.2	5865.4	4150.5
17.5°	15015.1	14491.9	13608.3	12306.2	11155.2	10329.8	9550.8	8626.6	7452.3	6179.3	4644.6
15°	15817.3	15020.9	14096.6	12951.5	11649.3	10672.7	9841.5	8894.0	7731.3	6469.9	5086.4
12.5°	16398.6	15265.0	14398.9	13364.2	12184.1	11044.8	10033.3	9097.4	7992.9	6708.2	5417.8
10°	16596.2	15567.3	14544.2	13620.0	12457.3	11242.4	10178.6	9225.3	8219.6	6894.3	5661.9
7.5°	16700.9	15828.9	14643.1	13736.2	12620.1	11364.5	10294.9	9295.1	8399.8	7022.2	5818.9
5°	16689.2	15968.4	14718.6	13771.1	12707.3	11416.8	10376.3	9312.5	8527.7	7132.6	5911.9
2.5°	16636.9	16061.4	14840.7	13829.2	12881.7	11515.6	10533.2	9347.4	8574.2	7254.7	5975.8
0°	16828.8	16067.2	14968.6	13846.7	12998.0	11550.5	10603.0	9318.3	8510.3	7289.6	5970.0
-2.5°	16416.0	15724.3	14939.5	13695.5	12841.0	11469.1	10475.1	9225.3	8370.8	7248.9	5946.7
-5°	16346.3	15474.3	14695.4	13556.0	12579.4	11300.6	10236.8	9050.9	8149.9	7115.2	5853.7
-7.5°	16160.3	15236.0	14457.0	13445.6	12335.3	11126.2	10010.1	8870.7	7911.5	6905.9	5720.0
-10°	15753.3	14869.8	14201.3	13207.2	12038.8	10876.2	9736.8	8632.4	7632.5	6621.1	5510.8
-12.5°	15172.0	14288.5	13625.8	12701.5	11666.8	10539.0	9411.3	8324.3	7312.8	6318.8	5260.8
-15°	14515.2	13620.0	12957.3	12114.4	11114.5	10015.9	8998.6	7934.8	6946.6	5999.1	4964.3
-17.5°	13771.1	12922.4	12283.0	11463.3	10469.3	9422.9	8411.5	7446.5	6522.2	5667.7	4621.4
-20°	12910.8	12085.3	11498.2	10678.6	9765.9	8748.6	7766.2	6853.6	6022.3	5220.1	4243.5

REPORT NUMBER: P722471

CATALOG NUMBER: IFLD-M-SA4E-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°	11847.0	11120.3	10451.8	9719.4	8923.0	7992.9	7080.3	6272.3	5475.9	4691.1	3854.0
-25°	10759.9	10056.6	9405.5	8737.0	7975.5	7173.3	6394.3	5661.9	4883.0	4173.8	3476.2
-27.5°	9550.8	8923.0	8341.7	7725.5	7028.0	6336.2	5696.8	4981.8	4307.5	3702.9	3104.2
-30°	8260.3	7748.8	7243.0	6696.6	6132.8	5551.5	4981.8	4307.5	3778.5	3296.0	2790.3
-32.5°	7022.2	6562.9	6156.0	5749.1	5260.8	4784.1	4278.4	3778.5	3336.7	2912.3	2488.0
-35°	5935.1	5446.8	5220.1	4894.6	4505.1	4074.9	3662.2	3313.4	2958.8	2575.2	2197.3
-37.5°	4993.4	4679.5	4412.1	4168.0	3859.9	3487.8	3191.4	2906.5	2610.1	2261.3	1935.7
-40°	4255.1	4028.4	3761.0	3580.8	3330.9	3063.5	2767.0	2528.7	2278.7	1993.9	1726.5
-42.5°	3662.2	3476.2	3301.8	3110.0	2924.0	2697.3	2441.5	2214.8	1988.1	1778.8	1557.9
-45°	3173.9	3040.2	2900.7	2743.8	2581.0	2383.3	2174.1	1941.6	1778.8	1592.8	1406.8
-47.5°	2772.8	2674.0	2557.7	2435.7	2296.2	2121.8	1929.9	1761.4	1592.8	1435.8	1255.6
-50°	2453.1	2360.1	2267.1	2162.5	2040.4	1889.2	1743.9	1587.0	1430.0	1278.9	1110.3
-52.5°	2185.7	2104.3	2028.8	1941.6	1825.3	1697.4	1563.7	1424.2	1278.9	1127.7	994.0
-55°	1999.7	1906.7	1831.1	1743.9	1639.3	1517.2	1395.1	1267.2	1127.7	1011.5	901.0
-57.5°	1848.5	1743.9	1656.7	1563.7	1459.1	1354.4	1244.0	1127.7	1023.1	912.6	808.0
-60°	1720.7	1598.6	1499.8	1406.8	1307.9	1209.1	1116.1	1017.3	918.5	819.6	715.0
-62.5°	1587.0	1459.1	1337.0	1249.8	1174.2	1087.0	1005.7	912.6	825.5	726.6	651.1
-65°	1435.8	1313.7	1197.5	1121.9	1052.2	976.6	901.0	819.6	744.1	668.5	598.7
-67.5°	1267.2	1162.6	1081.2	1011.5	941.7	877.8	808.0	738.3	674.3	598.7	529.0
-70°	1063.8	1005.7	959.2	906.8	842.9	784.8	720.8	656.9	587.1	523.2	459.2
-72.5°	906.8	872.0	837.1	784.8	726.6	674.3	622.0	563.9	505.7	447.6	395.3
-75°	744.1	715.0	685.9	651.1	604.6	563.9	517.4	465.0	418.5	377.8	337.2
-77.5°	598.7	575.5	558.1	529.0	494.1	459.2	430.2	395.3	360.4	319.7	279.0
-80°	476.7	465.0	459.2	447.6	418.5	389.5	366.2	337.2	302.3	273.2	244.1
-82.5°	372.0	372.0	366.2	360.4	337.2	313.9	296.5	273.2	250.0	226.7	197.6
-85°	273.2	267.4	267.4	261.6	244.1	232.5	215.1	203.5	186.0	162.8	151.1
-87.5°	162.8	157.0	151.1	145.3	133.7	127.9	116.3	110.4	98.8	87.2	81.4
-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-M-SA4E-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	0.0	0.0
85°	17.4	11.6	11.6	11.6	11.6	11.6	5.8	5.8	5.8	5.8	5.8
82.5°	34.9	34.9	29.1	29.1	23.3	17.4	11.6	11.6	11.6	5.8	5.8
80°	52.3	52.3	52.3	46.5	40.7	29.1	23.3	17.4	11.6	5.8	5.8
77.5°	63.9	58.1	58.1	52.3	52.3	46.5	34.9	29.1	17.4	11.6	5.8
75°	63.9	63.9	63.9	58.1	58.1	52.3	46.5	34.9	29.1	17.4	11.6
72.5°	69.8	63.9	63.9	63.9	58.1	52.3	46.5	40.7	34.9	23.3	11.6
70°	63.9	63.9	63.9	63.9	58.1	58.1	46.5	40.7	40.7	23.3	17.4
67.5°	63.9	63.9	63.9	58.1	58.1	52.3	46.5	40.7	40.7	29.1	17.4
65°	69.8	63.9	63.9	63.9	58.1	52.3	46.5	40.7	40.7	34.9	23.3
62.5°	75.6	69.8	69.8	63.9	58.1	52.3	46.5	40.7	40.7	34.9	23.3
60°	81.4	75.6	69.8	69.8	63.9	58.1	46.5	46.5	40.7	34.9	23.3
57.5°	87.2	81.4	81.4	75.6	69.8	63.9	52.3	46.5	40.7	34.9	29.1
55°	104.6	93.0	87.2	87.2	81.4	69.8	58.1	46.5	40.7	34.9	29.1
52.5°	139.5	110.4	98.8	98.8	93.0	81.4	63.9	52.3	40.7	34.9	29.1
50°	220.9	139.5	116.3	104.6	104.6	93.0	75.6	58.1	40.7	34.9	29.1
47.5°	348.8	232.5	139.5	122.1	116.3	110.4	87.2	58.1	46.5	34.9	29.1
45°	575.5	343.0	226.7	145.3	122.1	116.3	98.8	63.9	46.5	40.7	29.1
42.5°	790.6	534.8	348.8	174.4	145.3	127.9	104.6	69.8	52.3	40.7	29.1
40°	1244.0	732.4	488.3	284.8	168.6	133.7	116.3	81.4	52.3	40.7	29.1
37.5°	1685.8	970.8	656.9	418.5	191.8	151.1	122.1	87.2	58.1	40.7	34.9
35°	2127.6	1360.3	813.8	558.1	255.8	180.2	127.9	93.0	58.1	40.7	34.9
32.5°	2522.9	1726.5	976.6	697.6	383.7	215.1	139.5	98.8	63.9	46.5	34.9
30°	2848.4	2063.6	1267.2	819.6	499.9	261.6	151.1	98.8	69.8	46.5	34.9
27.5°	3092.5	2325.2	1563.7	947.5	598.7	308.1	174.4	110.4	69.8	46.5	34.9
25°	3290.2	2528.7	1825.3	1081.2	685.9	383.7	209.3	116.3	75.6	52.3	34.9
22.5°	3447.1	2697.3	2040.4	1261.4	790.6	459.2	255.8	127.9	75.6	52.3	34.9
20°	3662.2	2865.8	2185.7	1453.3	901.0	529.0	296.5	139.5	75.6	52.3	40.7
17.5°	3848.2	3034.4	2302.0	1616.0	1011.5	581.3	343.0	151.1	81.4	52.3	40.7
15°	4063.3	3197.2	2406.6	1743.9	1116.1	627.8	383.7	162.8	81.4	58.1	40.7
12.5°	4295.8	3348.3	2482.2	1848.5	1226.6	668.5	418.5	186.0	87.2	58.1	40.7
10°	4534.2	3476.2	2546.1	1924.1	1307.9	709.2	441.8	209.3	93.0	58.1	40.7
7.5°	4772.5	3592.5	2627.5	1959.0	1342.8	755.7	453.4	232.5	93.0	63.9	40.7
5°	4935.3	3668.0	2743.8	1982.2	1360.3	808.0	470.9	261.6	98.8	63.9	40.7
2.5°	5074.8	3714.5	2865.8	1999.7	1366.1	837.1	465.0	279.0	104.6	63.9	40.7
0°	5138.7	3714.5	2947.2	1988.1	1348.6	866.1	465.0	296.5	104.6	63.9	40.7
-2.5°	5039.9	3819.2	2924.0	1993.9	1354.4	866.1	488.3	302.3	116.3	69.8	40.7
-5°	4883.0	3859.9	2854.2	1964.8	1342.8	866.1	517.4	308.1	122.1	69.8	46.5
-7.5°	4731.8	3877.3	2772.8	1935.7	1325.4	842.9	523.2	302.3	133.7	75.6	46.5
-10°	4534.2	3685.5	2668.2	1883.4	1290.5	825.5	534.8	302.3	139.5	75.6	46.5
-12.5°	4307.5	3452.9	2540.3	1807.9	1249.8	808.0	540.6	302.3	145.3	81.4	46.5
-15°	4045.9	3214.6	2395.0	1726.5	1191.7	784.8	529.0	296.5	151.1	81.4	52.3
-17.5°	3749.4	2982.1	2243.8	1627.7	1127.7	755.7	505.7	290.7	151.1	81.4	52.3
-20°	3412.3	2749.6	2075.3	1528.8	1052.2	720.8	482.5	279.0	151.1	81.4	52.3

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CATALOG NUMBER: IFLD-M-SA4E-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°	3110.0	2534.5	1900.9	1418.4	970.8	680.1	453.4	267.4	151.1	87.2	52.3
-25°	2860.0	2325.2	1767.2	1307.9	883.6	633.6	424.4	255.8	151.1	87.2	52.3
-27.5°	2598.4	2098.5	1627.7	1203.3	825.5	592.9	395.3	244.1	145.3	87.2	52.3
-30°	2331.0	1877.6	1482.3	1087.0	767.3	552.2	372.0	226.7	145.3	87.2	52.3
-32.5°	2086.9	1697.4	1348.6	970.8	703.4	511.5	348.8	220.9	139.5	87.2	52.3
-35°	1848.5	1534.6	1209.1	877.8	633.6	470.9	325.5	215.1	139.5	87.2	52.3
-37.5°	1650.9	1383.5	1081.2	813.8	592.9	436.0	302.3	203.5	133.7	87.2	52.3
-40°	1488.1	1244.0	959.2	744.1	558.1	401.1	279.0	197.6	133.7	87.2	52.3
-42.5°	1337.0	1110.3	883.6	685.9	523.2	377.8	261.6	191.8	127.9	87.2	52.3
-45°	1203.3	994.0	808.0	633.6	482.5	348.8	250.0	180.2	122.1	87.2	58.1
-47.5°	1069.6	912.6	738.3	587.1	441.8	313.9	238.3	174.4	116.3	81.4	58.1
-50°	965.0	825.5	680.1	534.8	401.1	302.3	226.7	162.8	116.3	81.4	58.1
-52.5°	872.0	744.1	616.2	482.5	366.2	284.8	215.1	151.1	110.4	81.4	58.1
-55°	784.8	668.5	552.2	430.2	343.0	267.4	197.6	139.5	110.4	81.4	58.1
-57.5°	697.6	598.7	488.3	389.5	313.9	250.0	186.0	139.5	110.4	81.4	58.1
-60°	627.8	534.8	441.8	360.4	290.7	226.7	168.6	133.7	104.6	81.4	58.1
-62.5°	569.7	482.5	401.1	325.5	267.4	203.5	162.8	133.7	104.6	81.4	52.3
-65°	511.5	436.0	360.4	296.5	238.3	191.8	157.0	127.9	104.6	81.4	52.3
-67.5°	453.4	383.7	325.5	261.6	220.9	186.0	151.1	127.9	98.8	75.6	52.3
-70°	395.3	337.2	284.8	244.1	209.3	174.4	145.3	122.1	98.8	69.8	46.5
-72.5°	348.8	296.5	255.8	226.7	197.6	168.6	139.5	116.3	93.0	63.9	40.7
-75°	296.5	261.6	232.5	203.5	180.2	157.0	133.7	104.6	81.4	58.1	40.7
-77.5°	250.0	226.7	203.5	186.0	162.8	139.5	116.3	93.0	75.6	52.3	34.9
-80°	215.1	197.6	180.2	162.8	145.3	122.1	104.6	81.4	63.9	46.5	29.1
-82.5°	174.4	162.8	145.3	133.7	122.1	104.6	87.2	69.8	46.5	34.9	23.3
-85°	133.7	122.1	116.3	104.6	93.0	75.6	58.1	46.5	34.9	23.3	11.6
-87.5°	69.8	63.9	58.1	52.3	46.5	34.9	29.1	23.3	17.4	11.6	5.8
-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: P722471

CATALOG NUMBER: IFLD-M-SA4E-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°	5.8	0.0	0.0	0.0
77.5°	5.8	0.0	0.0	0.0
75°	5.8	5.8	0.0	0.0
72.5°	5.8	5.8	0.0	0.0
70°	5.8	5.8	0.0	0.0
67.5°	11.6	5.8	0.0	0.0
65°	11.6	5.8	0.0	0.0
62.5°	11.6	5.8	0.0	0.0
60°	11.6	5.8	0.0	0.0
57.5°	17.4	5.8	5.8	0.0
55°	17.4	5.8	5.8	0.0
52.5°	17.4	5.8	5.8	0.0
50°	17.4	11.6	5.8	0.0
47.5°	17.4	11.6	5.8	0.0
45°	17.4	11.6	5.8	0.0
42.5°	17.4	11.6	5.8	0.0
40°	23.3	11.6	5.8	0.0
37.5°	23.3	11.6	5.8	0.0
35°	23.3	11.6	5.8	0.0
32.5°	23.3	11.6	5.8	0.0
30°	23.3	11.6	5.8	0.0
27.5°	23.3	17.4	5.8	0.0
25°	23.3	17.4	5.8	0.0
22.5°	29.1	17.4	5.8	0.0
20°	29.1	17.4	5.8	0.0
17.5°	29.1	17.4	5.8	0.0
15°	29.1	17.4	5.8	0.0
12.5°	29.1	17.4	5.8	0.0
10°	29.1	17.4	5.8	0.0
7.5°	29.1	17.4	5.8	0.0
5°	29.1	17.4	5.8	0.0
2.5°	29.1	17.4	5.8	0.0
0°	29.1	17.4	5.8	0.0
-2.5°	29.1	17.4	5.8	0.0
-5°	29.1	17.4	5.8	0.0
-7.5°	29.1	17.4	5.8	0.0
-10°	29.1	17.4	5.8	0.0
-12.5°	34.9	17.4	5.8	0.0
-15°	34.9	17.4	5.8	0.0
-17.5°	34.9	17.4	5.8	0.0
-20°	34.9	17.4	5.8	0.0

REPORT NUMBER: P722471

CATALOG NUMBER: IFLD-M-SA4E-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.9	17.4	5.8	0.0
-25°	34.9	17.4	5.8	0.0
-27.5°	34.9	17.4	5.8	0.0
-30°	34.9	17.4	5.8	0.0
-32.5°	34.9	17.4	5.8	0.0
-35°	34.9	17.4	5.8	0.0
-37.5°	34.9	17.4	5.8	0.0
-40°	34.9	17.4	5.8	0.0
-42.5°	29.1	17.4	5.8	0.0
-45°	34.9	17.4	5.8	0.0
-47.5°	34.9	17.4	5.8	0.0
-50°	34.9	17.4	5.8	0.0
-52.5°	34.9	17.4	5.8	0.0
-55°	34.9	17.4	5.8	0.0
-57.5°	34.9	17.4	5.8	0.0
-60°	34.9	17.4	5.8	0.0
-62.5°	29.1	17.4	5.8	0.0
-65°	29.1	11.6	5.8	0.0
-67.5°	29.1	11.6	5.8	0.0
-70°	29.1	11.6	5.8	0.0
-72.5°	23.3	11.6	5.8	0.0
-75°	23.3	11.6	5.8	0.0
-77.5°	17.4	5.8	0.0	0.0
-80°	17.4	5.8	0.0	0.0
-82.5°	11.6	5.8	0.0	0.0
-85°	5.8	5.8	0.0	0.0
-87.5°	5.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)