

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: P722413

Luminaire Tested: **IFLD-M-SA4E-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722413
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30960 lumens	Max Intensity:	21613.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.3 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:	19751.2 lumens	Field Lumens:	29188.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

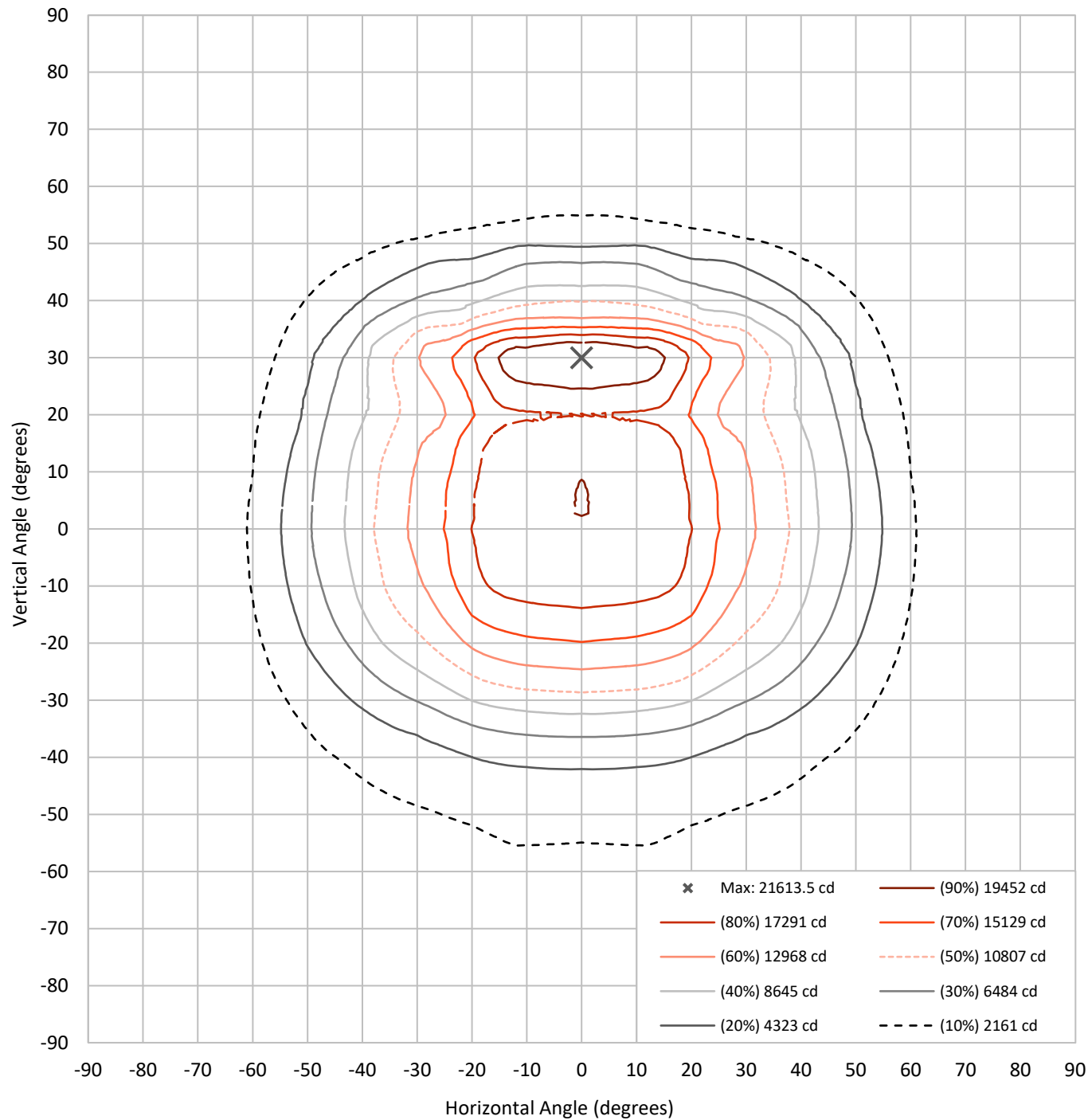
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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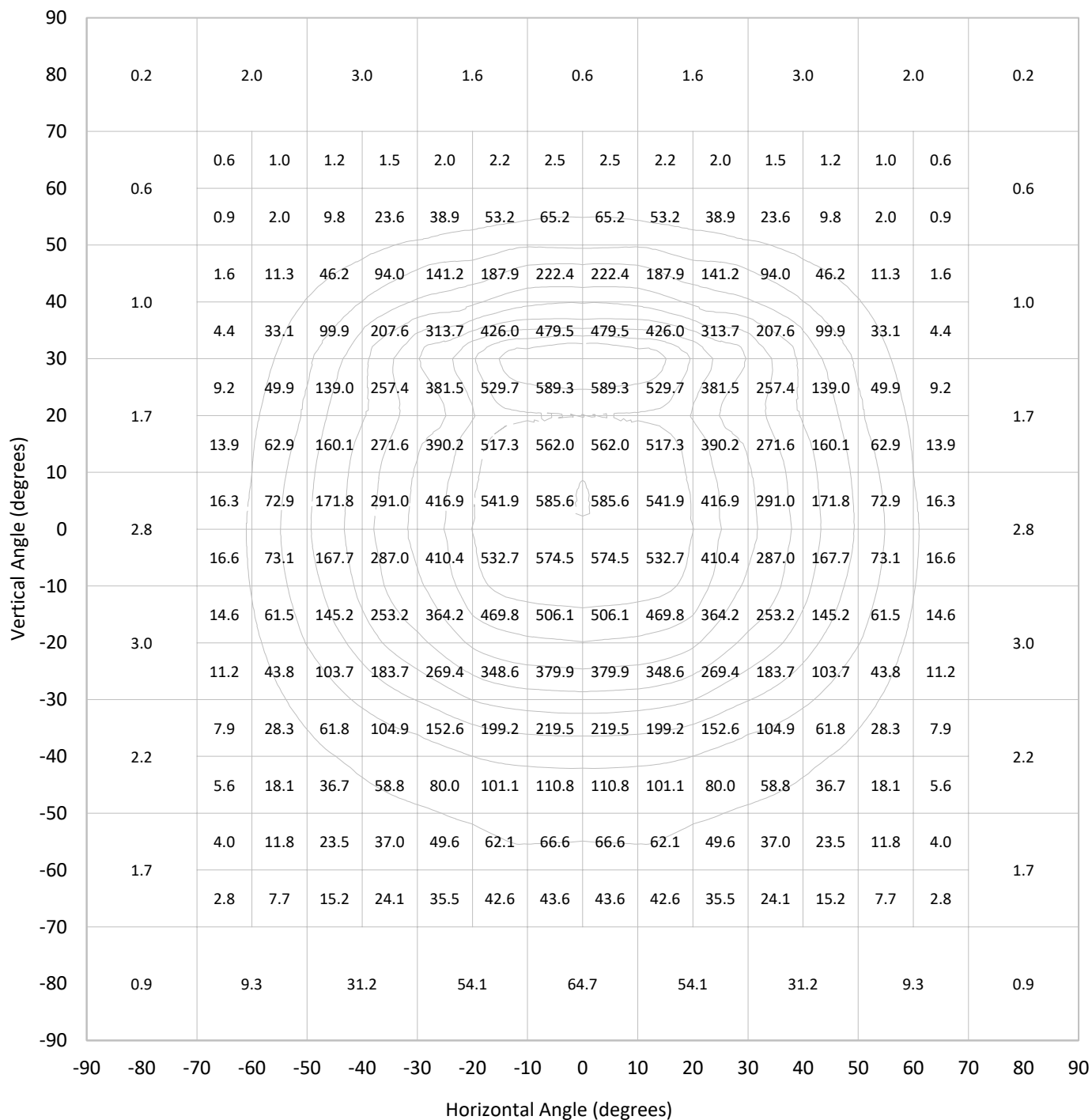
Iso-Candela Plot



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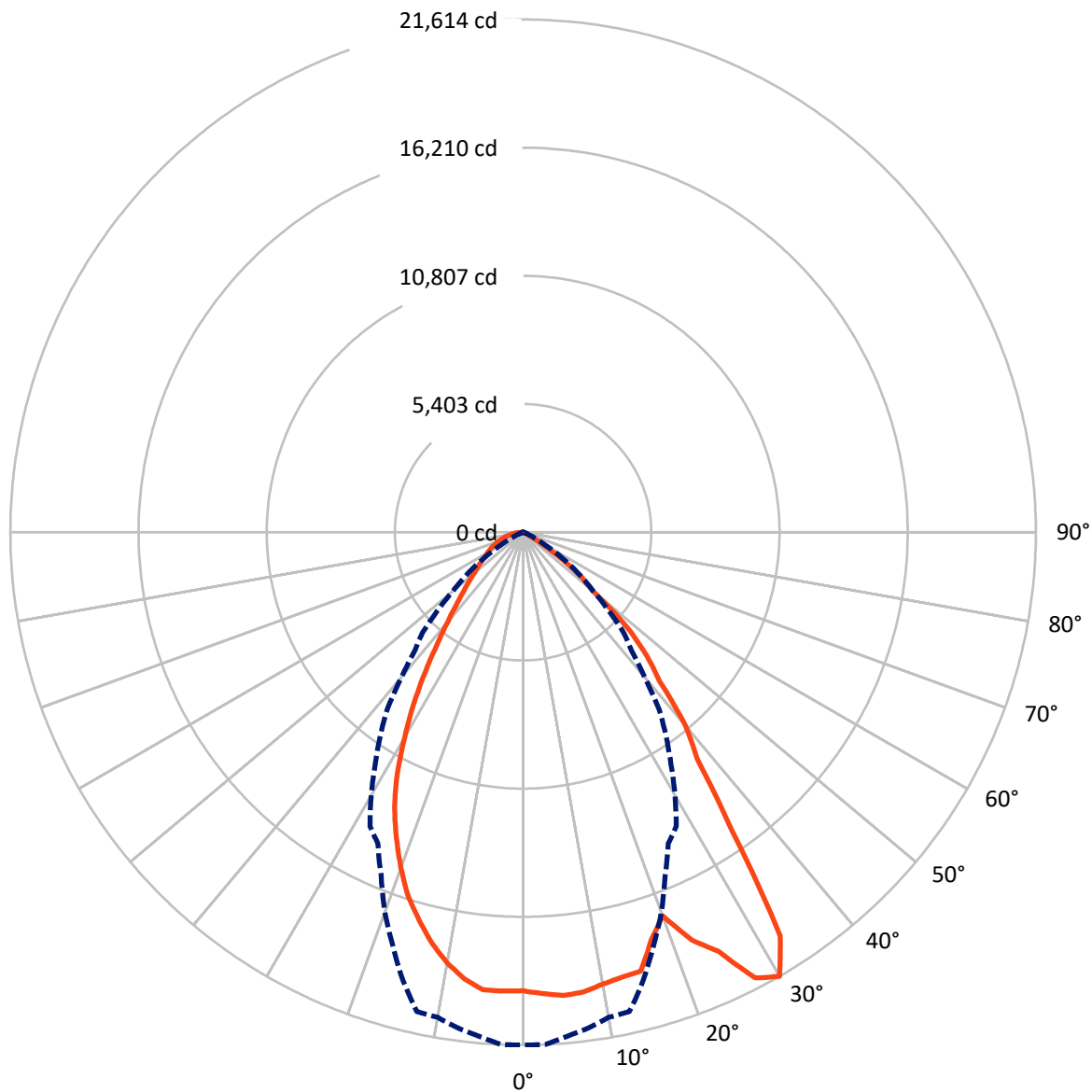
Lumen Table



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Luminous Intensity Polar Plot



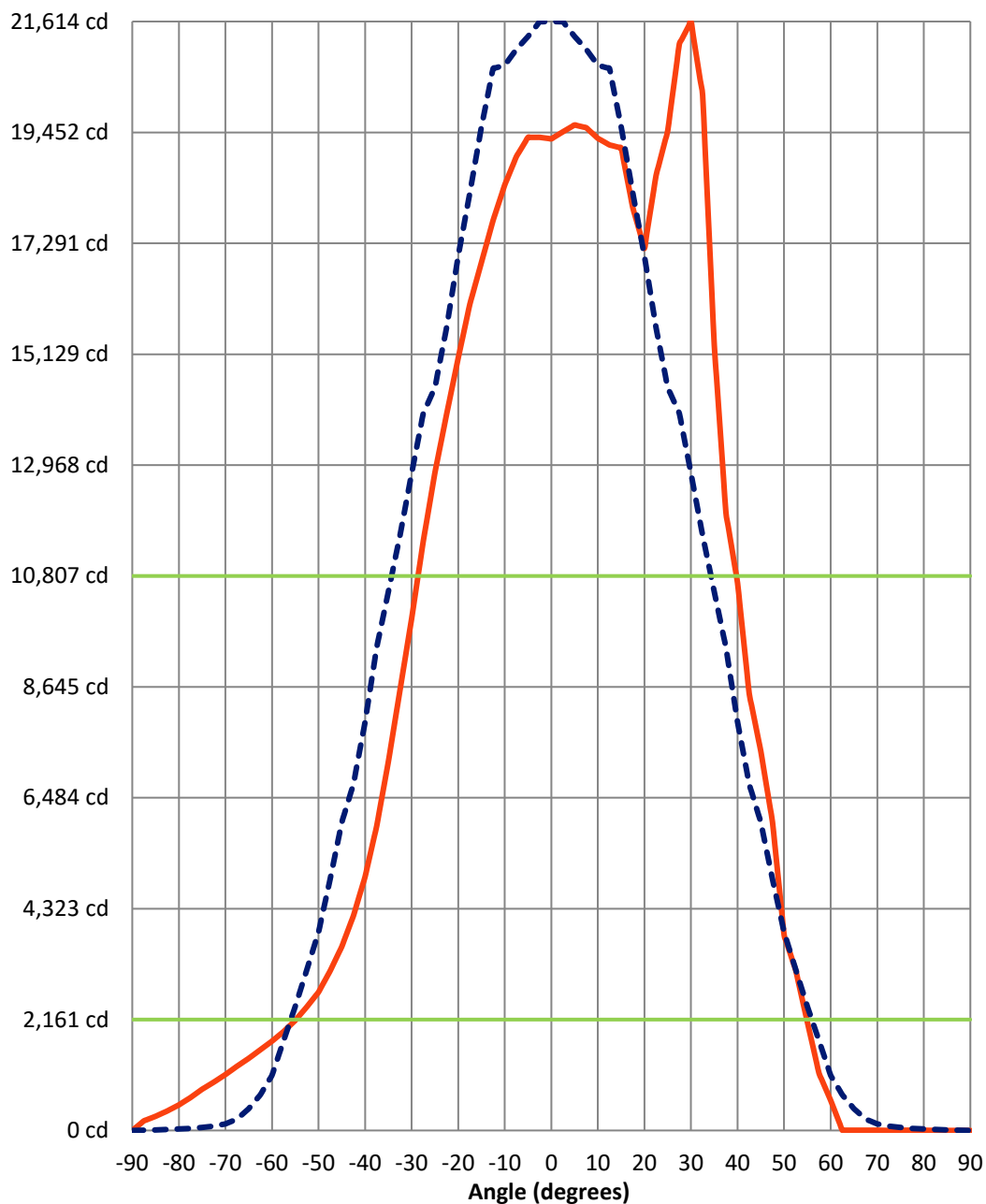
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19751.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 29188.4

Efficiency: 94.3%

Spill:

Lumens: 1771.7

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	9.9	9.9	9.9	9.9	9.9	9.9	14.8
82.5°	0.0	4.9	4.9	4.9	9.9	9.9	9.9	9.9	14.8	14.8	19.7
80°	4.9	4.9	4.9	4.9	9.9	9.9	9.9	14.8	14.8	19.7	19.7
77.5°	4.9	4.9	4.9	9.9	9.9	9.9	14.8	14.8	19.7	19.7	24.6
75°	4.9	4.9	4.9	9.9	9.9	14.8	14.8	14.8	19.7	19.7	24.6
72.5°	0.0	4.9	4.9	9.9	9.9	14.8	14.8	14.8	19.7	19.7	19.7
70°	4.9	4.9	4.9	9.9	9.9	14.8	14.8	14.8	19.7	19.7	19.7
67.5°	4.9	4.9	4.9	9.9	9.9	14.8	14.8	19.7	19.7	19.7	24.6
65°	4.9	4.9	4.9	9.9	14.8	14.8	19.7	24.6	24.6	29.6	34.5
62.5°	4.9	9.9	9.9	14.8	19.7	24.6	54.2	83.8	83.8	59.1	49.3
60°	586.5	635.8	630.9	571.8	497.8	419.0	404.2	389.4	359.8	315.5	330.2
57.5°	1113.9	1173.1	1197.7	1183.0	1143.5	1074.5	1035.1	990.7	931.6	862.6	783.7
55°	2109.6	2134.2	2080.0	1976.5	1863.2	1749.8	1710.4	1651.2	1562.5	1473.8	1355.5
52.5°	3120.0	3203.8	3179.2	3075.7	2922.9	2720.8	2499.0	2326.5	2223.0	2124.4	2006.1
50°	3810.1	3844.6	3913.6	4036.8	4081.2	3943.2	3583.4	3120.0	2789.8	2957.4	2829.2
47.5°	6013.3	6185.9	6151.4	6062.6	5914.8	5540.2	5037.4	4623.4	4278.3	4165.0	4184.7
45°	7388.5	7457.5	7432.9	7393.5	7324.5	6974.5	6417.5	5781.7	5461.3	5333.1	5200.1
42.5°	8517.3	8591.2	8606.0	8610.9	8537.0	8216.6	7713.8	7078.0	6757.6	6387.9	6097.1
40°	10671.2	10779.7	10656.4	10493.8	10247.3	9882.6	9389.7	8803.1	8236.3	7782.8	7437.8
37.5°	12046.4	12179.5	12228.8	12218.9	12164.7	12007.0	11400.7	10843.7	9976.2	8960.9	9143.2
35°	15309.4	15447.4	15408.0	15260.1	15181.2	15013.7	14422.2	13761.7	12672.4	11568.3	11272.6
32.5°	20174.3	20475.0	19913.1	19296.9	18917.4	19050.5	18449.1	16832.4	16329.7	14338.4	13416.7
30°	21613.5	21608.6	21322.7	21071.4	20760.8	20696.8	19563.1	18271.7	17039.5	15644.6	14481.3
27.5°	21174.9	21086.1	20844.6	20662.3	20371.4	20218.6	19109.6	18084.4	16659.9	15412.9	14289.1
25°	19484.2	19553.2	19306.8	19272.3	19158.9	18863.2	18311.1	17157.8	15886.1	14506.0	13697.6
22.5°	18611.8	18587.2	18291.4	18118.9	18256.9	17941.5	17719.7	16556.4	15230.5	14067.3	13096.3
20°	17192.3	17197.2	17123.3	17108.5	17024.7	16881.7	16704.3	15881.2	14944.6	13949.0	12780.8
17.5°	17985.8	18187.9	18276.6	17542.2	17749.2	17586.6	17399.3	16250.8	15546.0	14663.7	13140.6
15°	19149.1	19075.1	18986.4	18947.0	18833.6	18680.8	18340.7	17423.9	16211.4	15299.5	14111.6
12.5°	19208.2	19065.3	19030.8	19025.8	18907.5	18695.6	18365.4	17606.3	16531.8	15422.8	14456.7
10°	19336.4	19188.5	19168.8	19193.4	19011.0	18878.0	18547.7	17842.9	16630.4	15634.7	14722.8
7.5°	19543.4	19296.9	19410.3	19336.4	19252.6	19040.6	18685.7	17995.7	16990.2	15915.7	14959.4
5°	19597.6	19326.5	19449.7	19380.7	19257.5	19050.5	18666.0	18094.3	17212.0	16029.0	15053.1
2.5°	19464.5	19385.7	19331.4	19203.3	19149.1	18922.3	18557.6	17946.4	17108.5	15979.7	15033.4
0°	19326.5	19395.5	19272.3	19144.1	19119.5	18937.1	18626.6	18074.5	17350.0	16117.7	15201.0
-2.5°	19356.1	19301.9	19218.1	19085.0	18956.8	18695.6	18414.6	17897.1	17118.3	15817.1	14964.4
-5°	19356.1	19104.7	19114.6	19119.5	18991.3	18720.2	18380.1	17941.5	16980.3	15812.1	14895.4
-7.5°	18981.5	18764.6	18730.1	18700.5	18666.0	18414.6	18148.5	17601.4	16748.7	15684.0	14703.1
-10°	18429.4	18217.5	18237.2	18192.8	18084.4	17916.8	17714.7	17221.8	16521.9	15279.8	14313.7
-12.5°	17739.4	17645.7	17591.5	17517.6	17409.1	17261.3	17054.2	16590.9	15841.7	14782.0	13865.2
-15°	16921.2	16852.2	16802.9	16758.5	16600.8	16448.0	16176.9	15748.1	15279.8	14141.2	13204.7
-17.5°	16103.0	15930.4	15861.4	15802.3	15698.8	15452.3	15205.9	14885.5	14229.9	13327.9	12524.5
-20°	15053.1	14949.6	14865.8	14786.9	14639.0	14446.8	14244.7	13875.1	13308.2	12578.7	11745.7

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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°	13953.9	13894.8	13825.8	13727.2	13628.6	13446.2	13165.3	12810.4	12366.8	11578.2	10799.4
-25°	12820.3	12706.9	12623.1	12529.4	12450.6	12283.0	12011.9	11671.8	11114.8	10434.6	9784.0
-27.5°	11484.5	11376.1	11331.7	11223.3	11154.3	11001.5	10730.4	10414.9	9912.2	9340.4	8679.9
-30°	9976.2	9996.0	9946.7	9843.2	9759.4	9562.2	9355.2	9089.0	8694.7	8147.6	7556.1
-32.5°	8581.3	8606.0	8546.8	8438.4	8330.0	8187.0	7994.8	7753.3	7457.5	6935.1	6422.5
-35°	7186.4	7176.6	7127.3	7063.2	6989.3	6871.0	6654.1	6471.7	6131.6	5766.9	5412.0
-37.5°	5934.5	5959.1	5944.3	5909.8	5826.0	5727.5	5550.0	5382.4	5131.1	4810.7	4534.7
-40°	4943.8	4973.3	4953.6	4919.1	4845.2	4786.0	4667.7	4519.9	4317.8	4041.8	3810.1
-42.5°	4184.7	4204.4	4179.8	4150.2	4086.1	4041.8	3948.1	3824.9	3657.3	3445.4	3238.3
-45°	3583.4	3588.3	3563.6	3543.9	3494.6	3440.4	3361.6	3263.0	3129.9	2982.0	2814.4
-47.5°	3110.2	3105.3	3080.6	3060.9	3021.5	2972.2	2908.1	2819.4	2715.9	2602.5	2469.4
-50°	2696.1	2720.8	2710.9	2691.2	2661.6	2627.1	2563.1	2469.4	2365.9	2282.1	2188.5
-52.5°	2410.3	2415.2	2410.3	2410.3	2405.3	2380.7	2306.8	2213.1	2099.7	2025.8	1946.9
-55°	2144.1	2168.7	2178.6	2188.5	2193.4	2193.4	2104.7	2006.1	1897.7	1823.7	1764.6
-57.5°	1927.2	1942.0	1951.9	1976.5	1996.2	2011.0	1932.2	1843.4	1759.6	1690.6	1636.4
-60°	1739.9	1759.6	1774.4	1799.1	1813.9	1823.7	1774.4	1715.3	1666.0	1621.6	1542.8
-62.5°	1572.3	1587.1	1601.9	1616.7	1631.5	1641.3	1621.6	1592.1	1567.4	1547.7	1449.1
-65°	1404.8	1419.5	1434.3	1454.0	1468.8	1478.7	1473.8	1454.0	1434.3	1414.6	1325.9
-67.5°	1252.0	1266.7	1286.5	1291.4	1301.2	1306.2	1296.3	1281.5	1256.9	1232.2	1163.2
-70°	1089.3	1099.2	1109.0	1109.0	1109.0	1104.1	1094.2	1074.5	1049.9	1015.4	961.1
-72.5°	941.4	951.3	961.1	946.4	936.5	921.7	906.9	882.3	857.6	833.0	803.4
-75°	803.4	808.4	808.4	788.6	773.8	759.1	739.3	724.6	699.9	680.2	655.6
-77.5°	640.8	640.8	640.8	626.0	616.1	606.3	591.5	576.7	557.0	542.2	522.5
-80°	497.8	497.8	497.8	492.9	478.1	468.3	458.4	448.5	433.7	423.9	414.0
-82.5°	379.5	379.5	379.5	374.6	364.7	359.8	350.0	340.1	335.2	325.3	320.4
-85°	276.0	281.0	281.0	276.0	271.1	261.2	256.3	251.4	246.4	241.5	231.7
-87.5°	187.3	187.3	187.3	182.4	177.4	177.4	172.5	162.7	152.8	147.9	142.9
-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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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°	14.8	14.8	14.8	19.7	19.7	19.7	19.7	19.7	19.7	19.7	14.8
82.5°	24.6	24.6	29.6	29.6	34.5	34.5	34.5	34.5	34.5	34.5	34.5
80°	24.6	29.6	34.5	39.4	44.4	49.3	49.3	49.3	49.3	44.4	44.4
77.5°	29.6	29.6	34.5	39.4	44.4	49.3	54.2	59.1	54.2	54.2	54.2
75°	29.6	34.5	34.5	39.4	44.4	49.3	54.2	59.1	59.1	59.1	59.1
72.5°	24.6	29.6	34.5	39.4	39.4	44.4	49.3	49.3	54.2	54.2	59.1
70°	24.6	29.6	34.5	34.5	39.4	39.4	44.4	49.3	49.3	54.2	54.2
67.5°	29.6	34.5	34.5	39.4	44.4	44.4	44.4	49.3	49.3	54.2	54.2
65°	34.5	39.4	39.4	44.4	49.3	49.3	54.2	54.2	54.2	59.1	59.1
62.5°	59.1	59.1	59.1	54.2	59.1	59.1	59.1	64.1	64.1	59.1	64.1
60°	305.6	221.8	152.8	192.2	172.5	78.9	78.9	78.9	73.9	73.9	69.0
57.5°	719.6	670.3	576.7	488.0	438.7	389.4	241.5	98.6	98.6	88.7	78.9
55°	1202.7	1040.0	971.0	852.7	724.6	665.4	552.0	374.6	177.4	118.3	103.5
52.5°	1863.2	1710.4	1532.9	1291.4	1118.9	980.9	887.2	704.8	473.2	251.4	157.7
50°	2494.1	2425.1	2316.6	2080.0	1720.2	1488.5	1335.8	1128.7	847.8	517.5	295.7
47.5°	4017.1	3440.4	3090.5	2908.1	2607.4	2168.7	1873.0	1641.3	1301.2	872.4	522.5
45°	5057.1	4692.4	4135.4	3750.9	3307.3	2844.0	2459.6	2193.4	1789.2	1306.2	818.2
42.5°	5949.3	5633.8	5131.1	4569.2	4100.9	3494.6	3001.7	2651.8	2311.7	1784.3	1222.4
40°	7097.7	6723.1	6240.1	5693.0	5145.8	4372.0	3573.5	3149.6	2775.0	2306.8	1651.2
37.5°	8990.4	8330.0	7541.3	6935.1	6220.4	5564.8	4470.6	3721.4	3277.8	2789.8	2154.0
35°	11267.6	10543.1	9227.0	8423.6	7467.4	6491.5	5505.7	4396.6	3765.7	3248.2	2617.3
32.5°	13387.1	12327.4	10641.7	9700.2	9064.4	7265.3	6245.0	5283.9	4268.5	3632.7	2883.4
30°	13973.6	12805.5	11597.9	10498.7	9414.3	7960.3	6752.7	6003.5	4899.4	3864.3	3134.8
27.5°	13382.2	12578.7	11642.2	10621.9	9448.8	8201.8	7063.2	6348.5	5362.7	4022.0	3332.0
25°	12780.8	11942.9	11287.3	10434.6	9350.3	8187.0	7073.1	6565.4	5722.5	4327.6	3440.4
22.5°	12145.0	11622.5	11080.3	10129.0	9103.8	8231.4	7393.5	6752.7	5909.8	4672.7	3484.8
20°	12179.5	11839.4	11243.0	9971.3	9059.5	8492.6	7777.9	6989.3	6111.9	4973.3	3519.3
17.5°	12731.5	12287.9	11538.7	10434.6	9458.7	8758.8	8098.3	7314.6	6318.9	5239.5	3938.2
15°	13411.7	12736.5	11952.8	10981.8	9877.7	9049.6	8344.8	7541.3	6555.5	5485.9	4312.9
12.5°	13904.6	12943.5	12209.1	11331.7	10331.1	9365.0	8507.4	7713.8	6777.3	5688.0	4593.8
10°	14072.2	13199.8	12332.3	11548.6	10562.8	9532.6	8630.6	7822.3	6969.6	5845.8	4800.8
7.5°	14160.9	13421.6	12416.1	11647.2	10700.8	9636.1	8729.2	7881.4	7122.4	5954.2	4933.9
5°	14151.1	13539.9	12480.2	11676.7	10774.7	9680.5	8798.2	7896.2	7230.8	6047.8	5012.8
2.5°	14106.7	13618.8	12583.7	11726.0	10922.6	9764.3	8931.3	7925.8	7270.2	6151.4	5067.0
0°	14269.4	13623.7	12692.1	11740.8	11021.2	9793.9	8990.4	7901.1	7216.0	6180.9	5062.1
-2.5°	13919.4	13332.9	12667.5	11612.7	10888.1	9724.9	8882.0	7822.3	7097.7	6146.4	5042.3
-5°	13860.3	13120.9	12460.4	11494.4	10666.3	9581.9	8679.9	7674.4	6910.4	6033.1	4963.5
-7.5°	13702.5	12918.8	12258.4	11400.7	10459.3	9434.1	8487.7	7521.6	6708.3	5855.6	4850.1
-10°	13357.5	12608.3	12041.5	11198.6	10207.9	9222.1	8256.0	7319.5	6471.7	5614.1	4672.7
-12.5°	12864.6	12115.4	11553.5	10769.8	9892.4	8936.2	7980.0	7058.3	6200.6	5357.8	4460.7
-15°	12307.6	11548.6	10986.7	10272.0	9424.2	8492.6	7630.1	6728.0	5890.1	5086.7	4209.3
-17.5°	11676.7	10957.1	10414.9	9719.9	8877.1	7989.9	7132.2	6314.0	5530.3	4805.7	3918.5
-20°	10947.2	10247.3	9749.5	9054.5	8280.7	7418.1	6585.1	5811.3	5106.4	4426.2	3598.2

REPORT NUMBER: P722413

CATALOG NUMBER: IFLD-M-SA4E-727-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°	10045.2	9429.1	8862.3	8241.2	7566.0	6777.3	6003.5	5318.4	4643.1	3977.7	3267.9
-25°	9123.5	8527.1	7975.1	7408.2	6762.6	6082.4	5421.9	4800.8	4140.3	3539.0	2947.5
-27.5°	8098.3	7566.0	7073.1	6550.6	5959.1	5372.6	4830.4	4224.1	3652.4	3139.8	2632.1
-30°	7004.1	6570.3	6141.5	5678.2	5200.1	4707.2	4224.1	3652.4	3203.8	2794.7	2365.9
-32.5°	5954.2	5564.8	5219.8	4874.8	4460.7	4056.5	3627.7	3203.8	2829.2	2469.4	2109.6
-35°	5032.5	4618.4	4426.2	4150.2	3820.0	3455.2	3105.3	2809.5	2508.8	2183.5	1863.2
-37.5°	4234.0	3967.8	3741.1	3534.1	3272.8	2957.4	2706.0	2464.5	2213.1	1917.4	1641.3
-40°	3608.0	3415.8	3189.0	3036.2	2824.3	2597.6	2346.2	2144.1	1932.2	1690.6	1463.9
-42.5°	3105.3	2947.5	2799.7	2637.0	2479.3	2287.0	2070.2	1877.9	1685.7	1508.3	1321.0
-45°	2691.2	2577.9	2459.6	2326.5	2188.5	2020.9	1843.4	1646.3	1508.3	1350.5	1192.8
-47.5°	2351.1	2267.3	2168.7	2065.2	1946.9	1799.1	1636.4	1493.5	1350.5	1217.5	1064.7
-50°	2080.0	2001.2	1922.3	1833.6	1730.1	1601.9	1478.7	1345.6	1212.5	1084.4	941.4
-52.5°	1853.3	1784.3	1720.2	1646.3	1547.7	1439.3	1325.9	1207.6	1084.4	956.2	842.9
-55°	1695.6	1616.7	1552.6	1478.7	1390.0	1286.5	1183.0	1074.5	956.2	857.6	764.0
-57.5°	1567.4	1478.7	1404.8	1325.9	1237.2	1148.5	1054.8	956.2	867.5	773.8	685.1
-60°	1459.0	1355.5	1271.7	1192.8	1109.0	1025.2	946.4	862.6	778.8	695.0	606.3
-62.5°	1345.6	1237.2	1133.7	1059.7	995.7	921.7	852.7	773.8	699.9	616.1	552.0
-65°	1217.5	1113.9	1015.4	951.3	892.1	828.1	764.0	695.0	630.9	566.8	507.7
-67.5°	1074.5	985.8	916.8	857.6	798.5	744.3	685.1	626.0	571.8	507.7	448.5
-70°	902.0	852.7	813.3	768.9	714.7	665.4	611.2	557.0	497.8	443.6	389.4
-72.5°	768.9	739.3	709.8	665.4	616.1	571.8	527.4	478.1	428.8	379.5	335.2
-75°	630.9	606.3	581.6	552.0	512.6	478.1	438.7	394.3	354.9	320.4	285.9
-77.5°	507.7	488.0	473.2	448.5	419.0	389.4	364.7	335.2	305.6	271.1	236.6
-80°	404.2	394.3	389.4	379.5	354.9	330.2	310.5	285.9	256.3	231.7	207.0
-82.5°	315.5	315.5	310.5	305.6	285.9	266.2	251.4	231.7	211.9	192.2	167.6
-85°	231.7	226.7	226.7	221.8	207.0	197.2	182.4	172.5	157.7	138.0	128.2
-87.5°	138.0	133.1	128.2	123.2	113.4	108.4	98.6	93.7	83.8	73.9	69.0
-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-M-SA4E-727-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°	14.8	9.9	9.9	9.9	9.9	9.9	4.9	4.9	4.9	4.9	4.9
82.5°	29.6	29.6	24.6	24.6	19.7	14.8	9.9	9.9	9.9	4.9	4.9
80°	44.4	44.4	44.4	39.4	34.5	24.6	19.7	14.8	9.9	4.9	4.9
77.5°	54.2	49.3	49.3	44.4	44.4	39.4	29.6	24.6	14.8	9.9	4.9
75°	54.2	54.2	54.2	49.3	49.3	44.4	39.4	29.6	24.6	14.8	9.9
72.5°	59.1	54.2	54.2	54.2	49.3	44.4	39.4	34.5	29.6	19.7	9.9
70°	54.2	54.2	54.2	54.2	49.3	49.3	39.4	34.5	34.5	19.7	14.8
67.5°	54.2	54.2	54.2	49.3	49.3	44.4	39.4	34.5	34.5	24.6	14.8
65°	59.1	54.2	54.2	54.2	49.3	44.4	39.4	34.5	34.5	29.6	19.7
62.5°	64.1	59.1	59.1	54.2	49.3	44.4	39.4	34.5	34.5	29.6	19.7
60°	69.0	64.1	59.1	59.1	54.2	49.3	39.4	39.4	34.5	29.6	19.7
57.5°	73.9	69.0	69.0	64.1	59.1	54.2	44.4	39.4	34.5	29.6	24.6
55°	88.7	78.9	73.9	73.9	69.0	59.1	49.3	39.4	34.5	29.6	24.6
52.5°	118.3	93.7	83.8	83.8	78.9	69.0	54.2	44.4	34.5	29.6	24.6
50°	187.3	118.3	98.6	88.7	88.7	78.9	64.1	49.3	34.5	29.6	24.6
47.5°	295.7	197.2	118.3	103.5	98.6	93.7	73.9	49.3	39.4	29.6	24.6
45°	488.0	290.8	192.2	123.2	103.5	98.6	83.8	54.2	39.4	34.5	24.6
42.5°	670.3	453.5	295.7	147.9	123.2	108.4	88.7	59.1	44.4	34.5	24.6
40°	1054.8	621.1	414.0	241.5	142.9	113.4	98.6	69.0	44.4	34.5	24.6
37.5°	1429.4	823.1	557.0	354.9	162.7	128.2	103.5	73.9	49.3	34.5	29.6
35°	1804.0	1153.4	690.1	473.2	216.9	152.8	108.4	78.9	49.3	34.5	29.6
32.5°	2139.2	1463.9	828.1	591.5	325.3	182.4	118.3	83.8	54.2	39.4	29.6
30°	2415.2	1749.8	1074.5	695.0	423.9	221.8	128.2	83.8	59.1	39.4	29.6
27.5°	2622.2	1971.6	1325.9	803.4	507.7	261.2	147.9	93.7	59.1	39.4	29.6
25°	2789.8	2144.1	1547.7	916.8	581.6	325.3	177.4	98.6	64.1	44.4	29.6
22.5°	2922.9	2287.0	1730.1	1069.6	670.3	389.4	216.9	108.4	64.1	44.4	29.6
20°	3105.3	2430.0	1853.3	1232.2	764.0	448.5	251.4	118.3	64.1	44.4	34.5
17.5°	3263.0	2572.9	1951.9	1370.3	857.6	492.9	290.8	128.2	69.0	44.4	34.5
15°	3445.4	2710.9	2040.6	1478.7	946.4	532.3	325.3	138.0	69.0	49.3	34.5
12.5°	3642.5	2839.1	2104.7	1567.4	1040.0	566.8	354.9	157.7	73.9	49.3	34.5
10°	3844.6	2947.5	2158.9	1631.5	1109.0	601.3	374.6	177.4	78.9	49.3	34.5
7.5°	4046.7	3046.1	2227.9	1661.1	1138.6	640.8	384.5	197.2	78.9	54.2	34.5
5°	4184.7	3110.2	2326.5	1680.8	1153.4	685.1	399.2	221.8	83.8	54.2	34.5
2.5°	4303.0	3149.6	2430.0	1695.6	1158.3	709.8	394.3	236.6	88.7	54.2	34.5
0°	4357.2	3149.6	2499.0	1685.7	1143.5	734.4	394.3	251.4	88.7	54.2	34.5
-2.5°	4273.4	3238.3	2479.3	1690.6	1148.5	734.4	414.0	256.3	98.6	59.1	34.5
-5°	4140.3	3272.8	2420.1	1666.0	1138.6	734.4	438.7	261.2	103.5	59.1	39.4
-7.5°	4012.2	3287.6	2351.1	1641.3	1123.8	714.7	443.6	256.3	113.4	64.1	39.4
-10°	3844.6	3125.0	2262.4	1597.0	1094.2	699.9	453.5	256.3	118.3	64.1	39.4
-12.5°	3652.4	2927.8	2154.0	1532.9	1059.7	685.1	458.4	256.3	123.2	69.0	39.4
-15°	3430.6	2725.7	2030.7	1463.9	1010.4	665.4	448.5	251.4	128.2	69.0	44.4
-17.5°	3179.2	2528.6	1902.6	1380.1	956.2	640.8	428.8	246.4	128.2	69.0	44.4
-20°	2893.3	2331.4	1759.6	1296.3	892.1	611.2	409.1	236.6	128.2	69.0	44.4

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CATALOG NUMBER: IFLD-M-SA4E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2637.0	2149.0	1611.8	1202.7	823.1	576.7	384.5	226.7	128.2	73.9	44.4
-25°	2425.1	1971.6	1498.4	1109.0	749.2	537.3	359.8	216.9	128.2	73.9	44.4
-27.5°	2203.3	1779.4	1380.1	1020.3	699.9	502.8	335.2	207.0	123.2	73.9	44.4
-30°	1976.5	1592.1	1256.9	921.7	650.6	468.3	315.5	192.2	123.2	73.9	44.4
-32.5°	1769.5	1439.3	1143.5	823.1	596.4	433.7	295.7	187.3	118.3	73.9	44.4
-35°	1567.4	1301.2	1025.2	744.3	537.3	399.2	276.0	182.4	118.3	73.9	44.4
-37.5°	1399.8	1173.1	916.8	690.1	502.8	369.7	256.3	172.5	113.4	73.9	44.4
-40°	1261.8	1054.8	813.3	630.9	473.2	340.1	236.6	167.6	113.4	73.9	44.4
-42.5°	1133.7	941.4	749.2	581.6	443.6	320.4	221.8	162.7	108.4	73.9	44.4
-45°	1020.3	842.9	685.1	537.3	409.1	295.7	211.9	152.8	103.5	73.9	49.3
-47.5°	906.9	773.8	626.0	497.8	374.6	266.2	202.1	147.9	98.6	69.0	49.3
-50°	818.2	699.9	576.7	453.5	340.1	256.3	192.2	138.0	98.6	69.0	49.3
-52.5°	739.3	630.9	522.5	409.1	310.5	241.5	182.4	128.2	93.7	69.0	49.3
-55°	665.4	566.8	468.3	364.7	290.8	226.7	167.6	118.3	93.7	69.0	49.3
-57.5°	591.5	507.7	414.0	330.2	266.2	211.9	157.7	118.3	93.7	69.0	49.3
-60°	532.3	453.5	374.6	305.6	246.4	192.2	142.9	113.4	88.7	69.0	49.3
-62.5°	483.0	409.1	340.1	276.0	226.7	172.5	138.0	113.4	88.7	69.0	44.4
-65°	433.7	369.7	305.6	251.4	202.1	162.7	133.1	108.4	88.7	69.0	44.4
-67.5°	384.5	325.3	276.0	221.8	187.3	157.7	128.2	108.4	83.8	64.1	44.4
-70°	335.2	285.9	241.5	207.0	177.4	147.9	123.2	103.5	83.8	59.1	39.4
-72.5°	295.7	251.4	216.9	192.2	167.6	142.9	118.3	98.6	78.9	54.2	34.5
-75°	251.4	221.8	197.2	172.5	152.8	133.1	113.4	88.7	69.0	49.3	34.5
-77.5°	211.9	192.2	172.5	157.7	138.0	118.3	98.6	78.9	64.1	44.4	29.6
-80°	182.4	167.6	152.8	138.0	123.2	103.5	88.7	69.0	54.2	39.4	24.6
-82.5°	147.9	138.0	123.2	113.4	103.5	88.7	73.9	59.1	39.4	29.6	19.7
-85°	113.4	103.5	98.6	88.7	78.9	64.1	49.3	39.4	29.6	19.7	9.9
-87.5°	59.1	54.2	49.3	44.4	39.4	29.6	24.6	19.7	14.8	9.9	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

REPORT NUMBER: P722413

CATALOG NUMBER: IFLD-M-SA4E-727-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°	9.9	4.9	0.0	0.0
65°	9.9	4.9	0.0	0.0
62.5°	9.9	4.9	0.0	0.0
60°	9.9	4.9	0.0	0.0
57.5°	14.8	4.9	4.9	0.0
55°	14.8	4.9	4.9	0.0
52.5°	14.8	4.9	4.9	0.0
50°	14.8	9.9	4.9	0.0
47.5°	14.8	9.9	4.9	0.0
45°	14.8	9.9	4.9	0.0
42.5°	14.8	9.9	4.9	0.0
40°	19.7	9.9	4.9	0.0
37.5°	19.7	9.9	4.9	0.0
35°	19.7	9.9	4.9	0.0
32.5°	19.7	9.9	4.9	0.0
30°	19.7	9.9	4.9	0.0
27.5°	19.7	14.8	4.9	0.0
25°	19.7	14.8	4.9	0.0
22.5°	24.6	14.8	4.9	0.0
20°	24.6	14.8	4.9	0.0
17.5°	24.6	14.8	4.9	0.0
15°	24.6	14.8	4.9	0.0
12.5°	24.6	14.8	4.9	0.0
10°	24.6	14.8	4.9	0.0
7.5°	24.6	14.8	4.9	0.0
5°	24.6	14.8	4.9	0.0
2.5°	24.6	14.8	4.9	0.0
0°	24.6	14.8	4.9	0.0
-2.5°	24.6	14.8	4.9	0.0
-5°	24.6	14.8	4.9	0.0
-7.5°	24.6	14.8	4.9	0.0
-10°	24.6	14.8	4.9	0.0
-12.5°	29.6	14.8	4.9	0.0
-15°	29.6	14.8	4.9	0.0
-17.5°	29.6	14.8	4.9	0.0
-20°	29.6	14.8	4.9	0.0

REPORT NUMBER: P722413

CATALOG NUMBER: IFLD-M-SA4E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	29.6	14.8	4.9	0.0
-25°	29.6	14.8	4.9	0.0
-27.5°	29.6	14.8	4.9	0.0
-30°	29.6	14.8	4.9	0.0
-32.5°	29.6	14.8	4.9	0.0
-35°	29.6	14.8	4.9	0.0
-37.5°	29.6	14.8	4.9	0.0
-40°	29.6	14.8	4.9	0.0
-42.5°	24.6	14.8	4.9	0.0
-45°	29.6	14.8	4.9	0.0
-47.5°	29.6	14.8	4.9	0.0
-50°	29.6	14.8	4.9	0.0
-52.5°	29.6	14.8	4.9	0.0
-55°	29.6	14.8	4.9	0.0
-57.5°	29.6	14.8	4.9	0.0
-60°	29.6	14.8	4.9	0.0
-62.5°	24.6	14.8	4.9	0.0
-65°	24.6	9.9	4.9	0.0
-67.5°	24.6	9.9	4.9	0.0
-70°	24.6	9.9	4.9	0.0
-72.5°	19.7	9.9	4.9	0.0
-75°	19.7	9.9	4.9	0.0
-77.5°	14.8	4.9	0.0	0.0
-80°	14.8	4.9	0.0	0.0
-82.5°	9.9	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)