

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: P722467

Luminaire Tested: **IFLD-M-SA4A-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722467
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-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:	18624.7 lumens	Max Intensity:	13002.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	144.8 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:	11881.8 lumens	Field Lumens:	17558.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

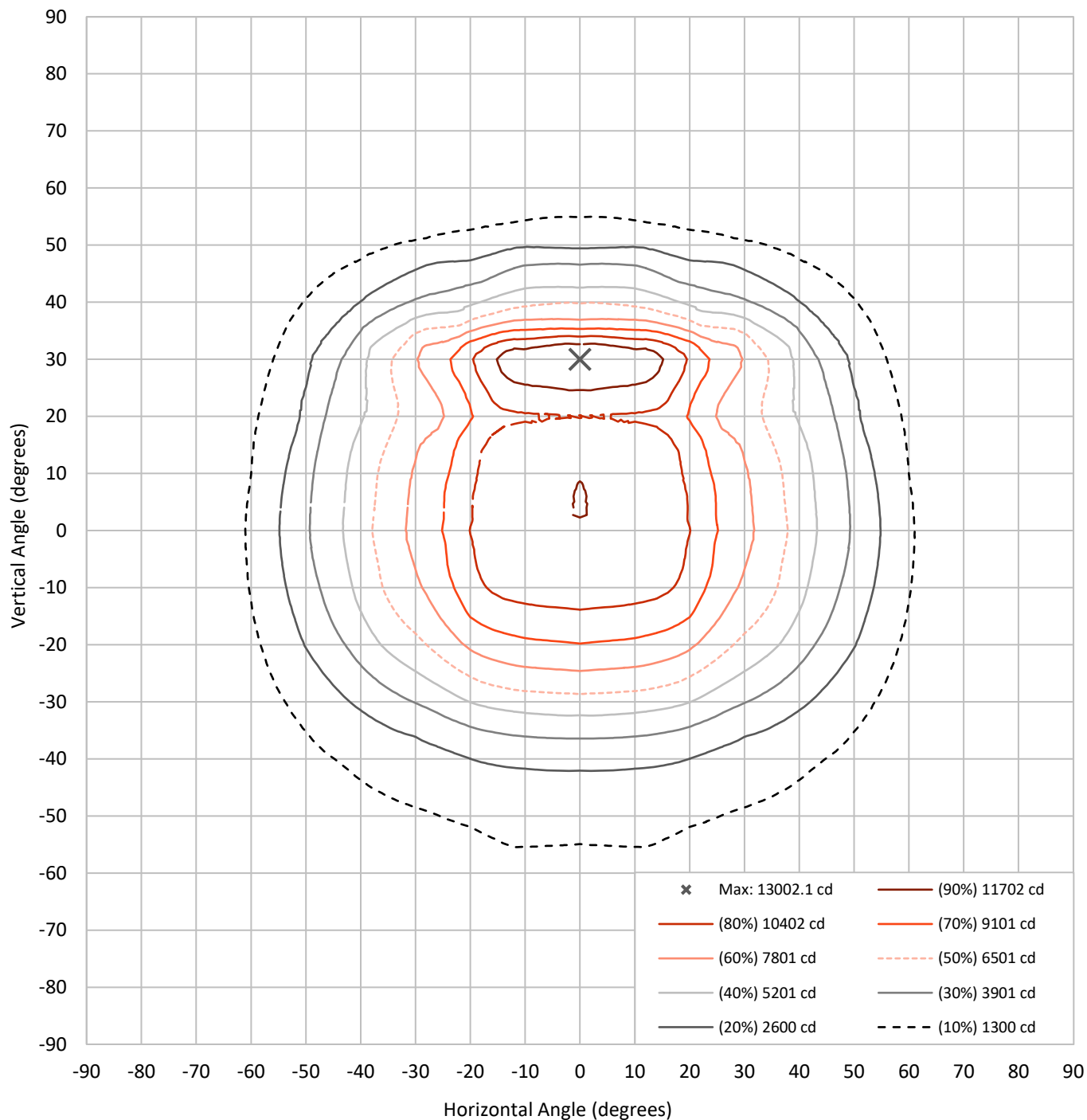
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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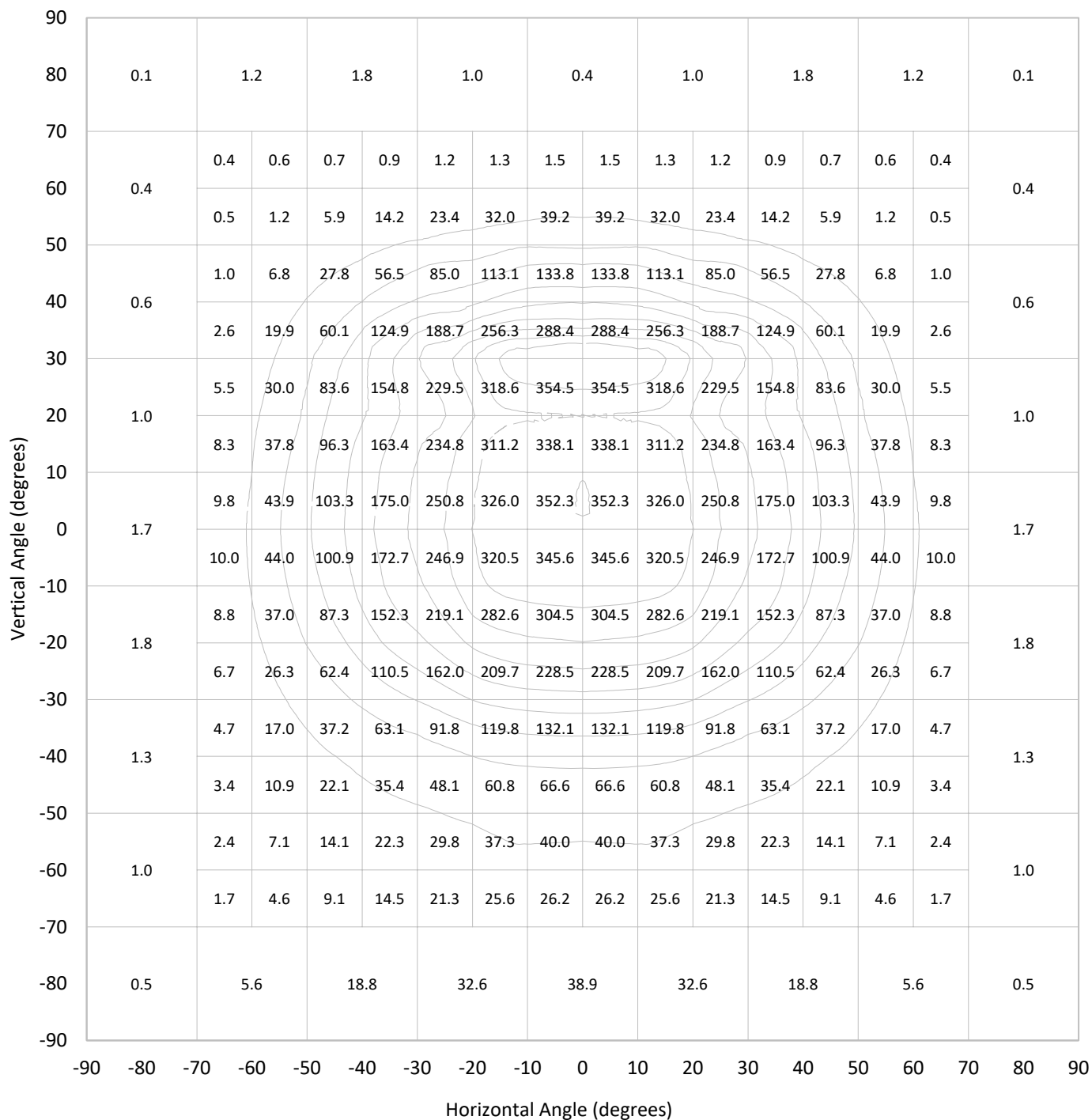
Iso-Candela Plot



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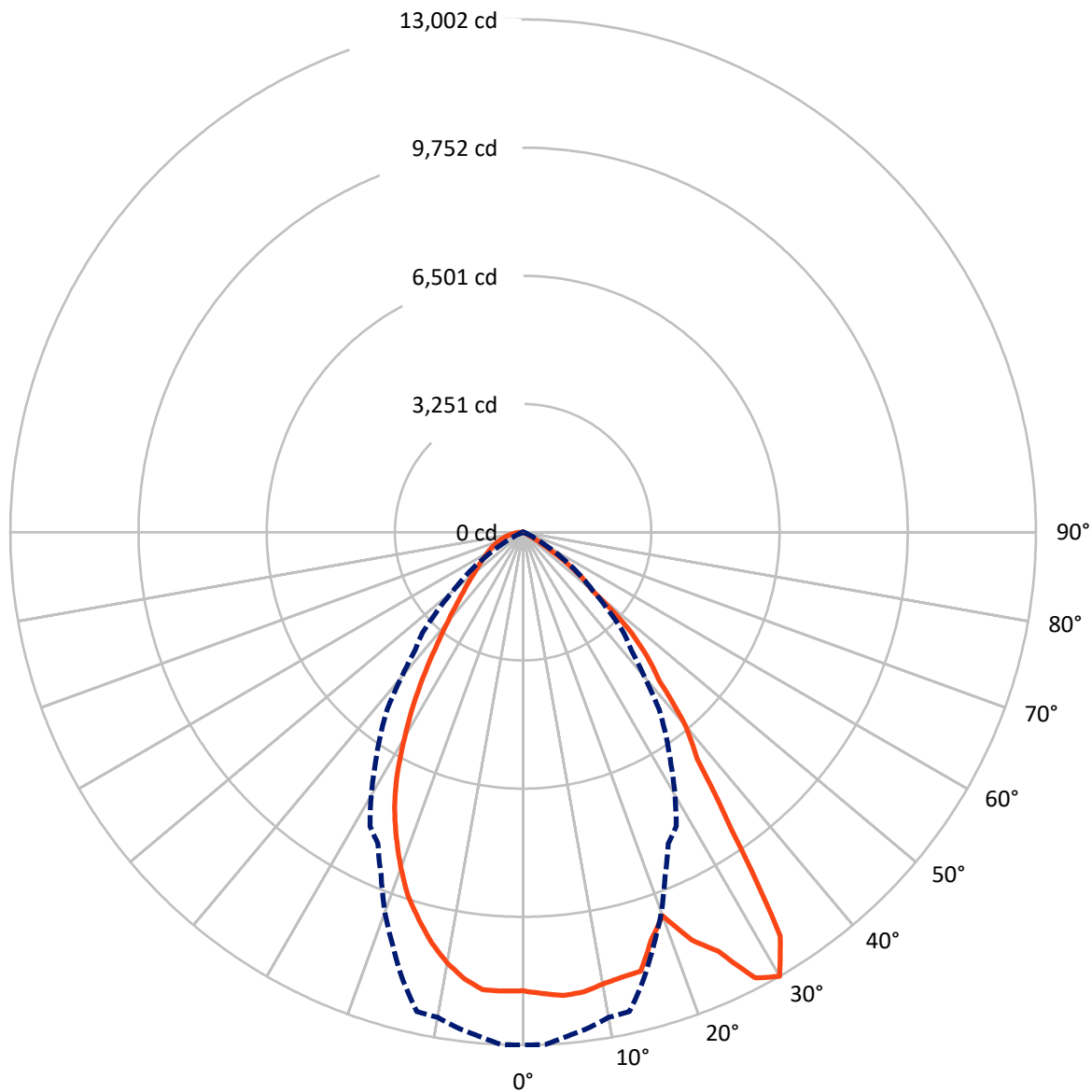
Lumen Table



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Luminous Intensity Polar Plot



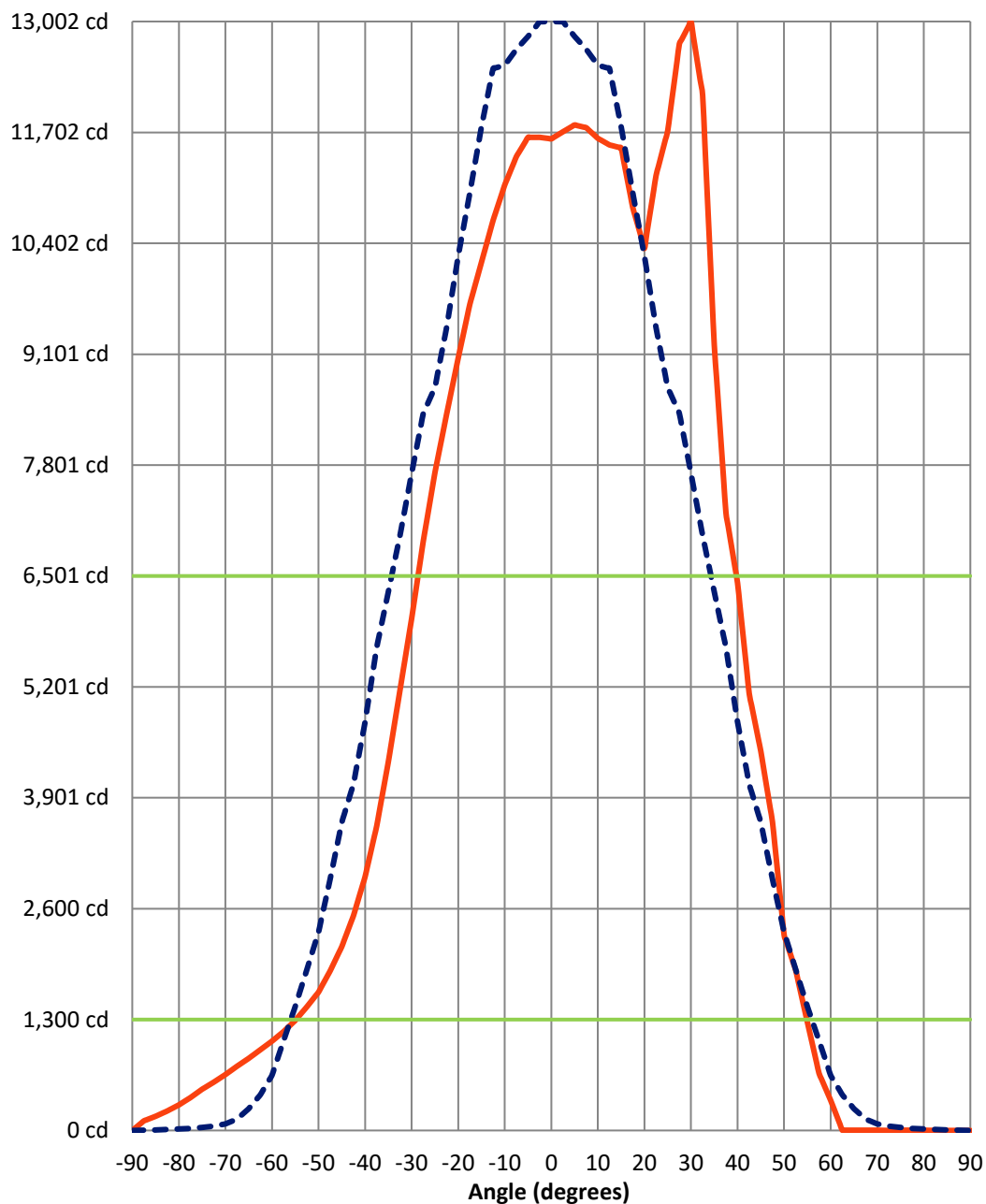
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11881.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17558.9

Efficiency: 94.3%

Spill:

Lumens: 1065.8

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	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	0.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	5.9	5.9	8.9
82.5°	0.0	3.0	3.0	3.0	5.9	5.9	5.9	5.9	8.9	8.9	11.9
80°	3.0	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.9	11.9
77.5°	3.0	3.0	3.0	5.9	5.9	5.9	8.9	8.9	11.9	11.9	14.8
75°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.9	11.9	14.8
72.5°	0.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.9	11.9	11.9
70°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	8.9	11.9	11.9	11.9
67.5°	3.0	3.0	3.0	5.9	5.9	8.9	8.9	11.9	11.9	11.9	14.8
65°	3.0	3.0	3.0	5.9	8.9	8.9	11.9	14.8	14.8	17.8	20.8
62.5°	3.0	5.9	5.9	8.9	11.9	14.8	32.6	50.4	50.4	35.6	29.7
60°	352.9	382.5	379.5	344.0	299.5	252.0	243.1	234.2	216.5	189.8	198.7
57.5°	670.1	705.7	720.5	711.6	687.9	646.4	622.7	596.0	560.4	518.9	471.5
55°	1269.1	1283.9	1251.3	1189.0	1120.8	1052.6	1028.9	993.3	939.9	886.6	815.4
52.5°	1876.9	1927.3	1912.5	1850.2	1758.3	1636.8	1503.3	1399.5	1337.3	1278.0	1206.8
50°	2292.1	2312.8	2354.3	2428.4	2455.1	2372.1	2155.7	1876.9	1678.3	1779.1	1702.0
47.5°	3617.5	3721.2	3700.5	3647.1	3558.2	3332.8	3030.4	2781.3	2573.7	2505.5	2517.4
45°	4444.7	4486.3	4471.4	4447.7	4406.2	4195.7	3860.6	3478.1	3285.4	3208.3	3128.2
42.5°	5123.8	5168.2	5177.1	5180.1	5135.6	4942.9	4640.4	4257.9	4065.2	3842.8	3667.9
40°	6419.5	6484.8	6410.6	6312.8	6164.5	5945.1	5648.6	5295.7	4954.7	4682.0	4474.4
37.5°	7246.8	7326.9	7356.5	7350.6	7318.0	7223.1	6858.4	6523.3	6001.4	5390.6	5500.3
35°	9209.7	9292.7	9269.0	9180.1	9132.6	9031.8	8676.0	8278.7	7623.4	6959.2	6781.3
32.5°	12136.3	12317.2	11979.2	11608.5	11380.2	11460.3	11098.5	10125.9	9823.5	8625.6	8071.1
30°	13002.1	12999.2	12827.2	12676.0	12489.2	12450.6	11768.6	10991.8	10250.5	9411.3	8711.6
27.5°	12738.2	12684.9	12539.6	12429.9	12254.9	12163.0	11495.8	10879.1	10022.2	9272.0	8595.9
25°	11721.2	11762.7	11614.4	11593.7	11525.5	11347.6	11015.5	10321.6	9556.6	8726.4	8240.1
22.5°	11196.4	11181.5	11003.6	10899.8	10982.9	10793.1	10659.7	9959.9	9162.3	8462.5	7878.4
20°	10342.4	10345.4	10300.9	10292.0	10241.6	10155.6	10048.8	9553.7	8990.3	8391.3	7688.6
17.5°	10819.8	10941.4	10994.7	10552.9	10677.5	10579.6	10466.9	9776.1	9352.0	8821.3	7905.1
15°	11519.6	11475.1	11421.7	11398.0	11329.8	11237.9	11033.3	10481.8	9752.3	9203.8	8489.2
12.5°	11555.1	11469.1	11448.4	11445.4	11374.3	11246.8	11048.1	10591.5	9945.1	9277.9	8696.7
10°	11632.2	11543.3	11531.4	11546.2	11436.5	11356.5	11157.8	10733.8	10004.4	9405.4	8856.9
7.5°	11756.8	11608.5	11676.7	11632.2	11581.8	11454.3	11240.8	10825.7	10220.8	9574.4	8999.2
5°	11789.4	11626.3	11700.4	11658.9	11584.8	11460.3	11229.0	10885.0	10354.3	9642.6	9055.5
2.5°	11709.3	11661.9	11629.3	11552.2	11519.6	11383.2	11163.7	10796.1	10292.0	9613.0	9043.7
0°	11626.3	11667.8	11593.7	11516.6	11501.8	11392.1	11205.3	10873.2	10437.3	9696.0	9144.5
-2.5°	11644.1	11611.5	11561.1	11481.0	11403.9	11246.8	11077.8	10766.4	10297.9	9515.1	9002.2
-5°	11644.1	11492.9	11498.8	11501.8	11424.7	11261.6	11057.0	10793.1	10214.9	9512.2	8960.6
-7.5°	11418.7	11288.3	11267.5	11249.7	11229.0	11077.8	10917.6	10588.5	10075.5	9435.1	8845.0
-10°	11086.6	10959.1	10971.0	10944.3	10879.1	10778.3	10656.7	10360.2	9939.1	9191.9	8610.8
-12.5°	10671.5	10615.2	10582.6	10538.1	10472.9	10383.9	10259.4	9980.7	9529.9	8892.4	8340.9
-15°	10179.3	10137.8	10108.2	10081.5	9986.6	9894.7	9731.6	9473.6	9191.9	8507.0	7943.6
-17.5°	9687.1	9583.3	9541.8	9506.2	9444.0	9295.7	9147.4	8954.7	8560.3	8017.7	7534.4
-20°	9055.5	8993.3	8942.9	8895.4	8806.5	8690.8	8569.2	8346.9	8005.9	7567.0	7065.9

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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°	8394.3	8358.7	8317.2	8257.9	8198.6	8088.9	7919.9	7706.4	7439.5	6965.1	6496.6
-25°	7712.3	7644.1	7593.7	7537.4	7489.9	7389.1	7226.0	7021.4	6686.4	6277.2	5885.8
-27.5°	6908.8	6843.5	6816.8	6751.6	6710.1	6618.2	6455.1	6265.3	5962.9	5618.9	5221.6
-30°	6001.4	6013.3	5983.6	5921.4	5871.0	5752.4	5627.8	5467.7	5230.5	4901.4	4545.6
-32.5°	5162.3	5177.1	5141.5	5076.3	5011.1	4925.1	4809.5	4664.2	4486.3	4171.9	3863.6
-35°	4323.2	4317.2	4287.6	4249.0	4204.6	4133.4	4002.9	3893.2	3688.6	3469.2	3255.7
-37.5°	3570.0	3584.9	3576.0	3555.2	3504.8	3445.5	3338.7	3237.9	3086.7	2894.0	2727.9
-40°	2974.0	2991.8	2980.0	2959.2	2914.7	2879.1	2808.0	2719.0	2597.5	2431.4	2292.1
-42.5°	2517.4	2529.3	2514.4	2496.6	2458.1	2431.4	2375.1	2300.9	2200.1	2072.6	1948.1
-45°	2155.7	2158.6	2143.8	2131.9	2102.3	2069.7	2022.2	1962.9	1882.9	1793.9	1693.1
-47.5°	1871.0	1868.0	1853.2	1841.3	1817.6	1788.0	1749.4	1696.1	1633.8	1565.6	1485.5
-50°	1621.9	1636.8	1630.8	1619.0	1601.2	1580.4	1541.9	1485.5	1423.3	1372.9	1316.5
-52.5°	1450.0	1452.9	1450.0	1450.0	1447.0	1432.2	1387.7	1331.3	1263.1	1218.7	1171.2
-55°	1289.8	1304.7	1310.6	1316.5	1319.5	1319.5	1266.1	1206.8	1141.6	1097.1	1061.5
-57.5°	1159.4	1168.3	1174.2	1189.0	1200.9	1209.8	1162.3	1109.0	1058.6	1017.0	984.4
-60°	1046.7	1058.6	1067.4	1082.3	1091.2	1097.1	1067.4	1031.9	1002.2	975.5	928.1
-62.5°	945.9	954.8	963.7	972.6	981.5	987.4	975.5	957.7	942.9	931.1	871.8
-65°	845.1	854.0	862.9	874.7	883.6	889.5	886.6	874.7	862.9	851.0	797.6
-67.5°	753.1	762.0	773.9	776.9	782.8	785.8	779.8	770.9	756.1	741.3	699.8
-70°	655.3	661.2	667.2	667.2	667.2	664.2	658.3	646.4	631.6	610.8	578.2
-72.5°	566.3	572.3	578.2	569.3	563.4	554.5	545.6	530.8	515.9	501.1	483.3
-75°	483.3	486.3	486.3	474.4	465.5	456.6	444.8	435.9	421.0	409.2	394.4
-77.5°	385.5	385.5	385.5	376.6	370.6	364.7	355.8	346.9	335.1	326.2	314.3
-80°	299.5	299.5	299.5	296.5	287.6	281.7	275.8	269.8	260.9	255.0	249.1
-82.5°	228.3	228.3	228.3	225.4	219.4	216.5	210.5	204.6	201.6	195.7	192.7
-85°	166.0	169.0	169.0	166.0	163.1	157.2	154.2	151.2	148.3	145.3	139.4
-87.5°	112.7	112.7	112.7	109.7	106.7	106.7	103.8	97.8	91.9	89.0	86.0
-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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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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	8.9	8.9	8.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	8.9
82.5°	14.8	14.8	17.8	17.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
80°	14.8	17.8	20.8	23.7	26.7	29.7	29.7	29.7	29.7	26.7	26.7
77.5°	17.8	17.8	20.8	23.7	26.7	29.7	32.6	35.6	32.6	32.6	32.6
75°	17.8	20.8	20.8	23.7	26.7	29.7	32.6	35.6	35.6	35.6	35.6
72.5°	14.8	17.8	20.8	23.7	23.7	26.7	29.7	29.7	32.6	32.6	35.6
70°	14.8	17.8	20.8	20.8	23.7	23.7	26.7	29.7	29.7	32.6	32.6
67.5°	17.8	20.8	20.8	23.7	26.7	26.7	26.7	29.7	29.7	32.6	32.6
65°	20.8	23.7	23.7	26.7	29.7	29.7	32.6	32.6	32.6	35.6	35.6
62.5°	35.6	35.6	35.6	32.6	35.6	35.6	35.6	38.5	38.5	35.6	38.5
60°	183.8	133.4	91.9	115.6	103.8	47.4	47.4	47.4	44.5	44.5	41.5
57.5°	432.9	403.3	346.9	293.5	263.9	234.2	145.3	59.3	59.3	53.4	47.4
55°	723.5	625.6	584.1	513.0	435.9	400.3	332.1	225.4	106.7	71.2	62.3
52.5°	1120.8	1028.9	922.2	776.9	673.1	590.1	533.7	424.0	284.7	151.2	94.9
50°	1500.4	1458.8	1393.6	1251.3	1034.8	895.5	803.6	679.0	510.0	311.3	177.9
47.5°	2416.6	2069.7	1859.1	1749.4	1568.6	1304.7	1126.8	987.4	782.8	524.8	314.3
45°	3042.2	2822.8	2487.7	2256.5	1989.6	1710.9	1479.6	1319.5	1076.3	785.8	492.2
42.5°	3578.9	3389.2	3086.7	2748.7	2467.0	2102.3	1805.8	1595.2	1390.6	1073.4	735.4
40°	4269.8	4044.4	3753.9	3424.7	3095.6	2630.1	2149.7	1894.7	1669.4	1387.7	993.3
37.5°	5408.4	5011.1	4536.7	4171.9	3742.0	3347.6	2689.4	2238.7	1971.8	1678.3	1295.8
35°	6778.3	6342.4	5550.7	5067.4	4492.2	3905.1	3312.1	2644.9	2265.4	1954.0	1574.5
32.5°	8053.3	7415.8	6401.7	5835.4	5452.9	4370.6	3756.8	3178.6	2567.8	2185.3	1734.6
30°	8406.2	7703.4	6977.0	6315.7	5663.4	4788.7	4062.2	3611.5	2947.3	2324.7	1885.8
27.5°	8050.3	7567.0	7003.7	6389.9	5684.2	4934.0	4249.0	3819.1	3226.1	2419.6	2004.4
25°	7688.6	7184.5	6790.2	6277.2	5624.9	4925.1	4255.0	3949.6	3442.5	2603.4	2069.7
22.5°	7306.1	6991.8	6665.6	6093.4	5476.6	4951.8	4447.7	4062.2	3555.2	2810.9	2096.4
20°	7326.9	7122.3	6763.5	5998.5	5449.9	5108.9	4679.0	4204.6	3676.8	2991.8	2117.1
17.5°	7658.9	7392.1	6941.4	6277.2	5690.1	5269.0	4871.7	4400.3	3801.3	3151.9	2369.1
15°	8068.1	7661.9	7190.5	6606.3	5942.1	5444.0	5020.0	4536.7	3943.6	3300.2	2594.5
12.5°	8364.7	7786.4	7344.6	6816.8	6214.9	5633.8	5117.8	4640.4	4077.1	3421.8	2763.5
10°	8465.5	7940.6	7418.8	6947.3	6354.3	5734.6	5192.0	4705.7	4192.7	3516.7	2888.0
7.5°	8518.8	8074.1	7469.2	7006.6	6437.3	5796.8	5251.3	4741.3	4284.6	3581.9	2968.1
5°	8512.9	8145.2	7507.7	7024.4	6481.8	5823.5	5292.8	4750.1	4349.9	3638.2	3015.5
2.5°	8486.2	8192.7	7570.0	7054.1	6570.7	5873.9	5372.8	4767.9	4373.6	3700.5	3048.2
0°	8584.1	8195.6	7635.2	7063.0	6630.0	5891.7	5408.4	4753.1	4341.0	3718.3	3045.2
-2.5°	8373.5	8020.7	7620.4	6985.9	6550.0	5850.2	5343.2	4705.7	4269.8	3697.5	3033.3
-5°	8338.0	7893.2	7495.9	6914.7	6416.6	5764.2	5221.6	4616.7	4157.1	3629.3	2985.9
-7.5°	8243.1	7771.6	7374.3	6858.4	6292.0	5675.3	5106.0	4524.8	4035.6	3522.6	2917.7
-10°	8035.5	7584.8	7243.8	6736.8	6140.8	5547.8	4966.6	4403.2	3893.2	3377.3	2810.9
-12.5°	7739.0	7288.3	6950.3	6478.8	5951.0	5375.8	4800.6	4246.1	3730.1	3223.1	2683.4
-15°	7403.9	6947.3	6609.3	6179.3	5669.3	5108.9	4590.0	4047.4	3543.3	3060.0	2532.2
-17.5°	7024.4	6591.5	6265.3	5847.2	5340.2	4806.5	4290.6	3798.3	3326.9	2891.0	2357.3
-20°	6585.6	6164.5	5865.0	5447.0	4981.4	4462.5	3961.4	3495.9	3071.9	2662.7	2164.5

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CATALOG NUMBER: IFLD-M-SA4A-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°	6042.9	5672.3	5331.3	4957.7	4551.5	4077.1	3611.5	3199.4	2793.2	2392.9	1965.9
-25°	5488.5	5129.7	4797.6	4456.6	4068.2	3659.0	3261.7	2888.0	2490.7	2129.0	1773.2
-27.5°	4871.7	4551.5	4255.0	3940.7	3584.9	3232.0	2905.8	2541.1	2197.2	1888.8	1583.4
-30°	4213.5	3952.5	3694.6	3415.8	3128.2	2831.7	2541.1	2197.2	1927.3	1681.2	1423.3
-32.5°	3581.9	3347.6	3140.1	2932.5	2683.4	2440.3	2182.3	1927.3	1702.0	1485.5	1269.1
-35°	3027.4	2778.3	2662.7	2496.6	2298.0	2078.6	1868.0	1690.1	1509.3	1313.6	1120.8
-37.5°	2547.1	2386.9	2250.5	2126.0	1968.9	1779.1	1627.9	1482.6	1331.3	1153.4	987.4
-40°	2170.5	2054.8	1918.4	1826.5	1699.0	1562.6	1411.4	1289.8	1162.3	1017.0	880.6
-42.5°	1868.0	1773.2	1684.2	1586.3	1491.5	1375.8	1245.4	1129.7	1014.1	907.3	794.7
-45°	1619.0	1550.8	1479.6	1399.5	1316.5	1215.7	1109.0	990.4	907.3	812.4	717.6
-47.5°	1414.4	1364.0	1304.7	1242.4	1171.2	1082.3	984.4	898.4	812.4	732.4	640.5
-50°	1251.3	1203.8	1156.4	1103.0	1040.8	963.7	889.5	809.5	729.4	652.3	566.3
-52.5°	1114.9	1073.4	1034.8	990.4	931.1	865.8	797.6	726.5	652.3	575.2	507.0
-55°	1020.0	972.6	934.0	889.5	836.2	773.9	711.6	646.4	575.2	515.9	459.6
-57.5°	942.9	889.5	845.1	797.6	744.2	690.9	634.5	575.2	521.9	465.5	412.2
-60°	877.7	815.4	765.0	717.6	667.2	616.7	569.3	518.9	468.5	418.1	364.7
-62.5°	809.5	744.2	682.0	637.5	599.0	554.5	513.0	465.5	421.0	370.6	332.1
-65°	732.4	670.1	610.8	572.3	536.7	498.1	459.6	418.1	379.5	341.0	305.4
-67.5°	646.4	593.0	551.5	515.9	480.4	447.7	412.2	376.6	344.0	305.4	269.8
-70°	542.6	513.0	489.2	462.6	429.9	400.3	367.7	335.1	299.5	266.9	234.2
-72.5°	462.6	444.8	427.0	400.3	370.6	344.0	317.3	287.6	258.0	228.3	201.6
-75°	379.5	364.7	349.9	332.1	308.4	287.6	263.9	237.2	213.5	192.7	172.0
-77.5°	305.4	293.5	284.7	269.8	252.0	234.2	219.4	201.6	183.8	163.1	142.3
-80°	243.1	237.2	234.2	228.3	213.5	198.7	186.8	172.0	154.2	139.4	124.5
-82.5°	189.8	189.8	186.8	183.8	172.0	160.1	151.2	139.4	127.5	115.6	100.8
-85°	139.4	136.4	136.4	133.4	124.5	118.6	109.7	103.8	94.9	83.0	77.1
-87.5°	83.0	80.1	77.1	74.1	68.2	65.2	59.3	56.3	50.4	44.5	41.5
-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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CATALOG NUMBER: IFLD-M-SA4A-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0
85°	8.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0	3.0	3.0
82.5°	17.8	17.8	14.8	14.8	11.9	8.9	5.9	5.9	5.9	3.0	3.0
80°	26.7	26.7	26.7	23.7	20.8	14.8	11.9	8.9	5.9	3.0	3.0
77.5°	32.6	29.7	29.7	26.7	26.7	23.7	17.8	14.8	8.9	5.9	3.0
75°	32.6	32.6	32.6	29.7	29.7	26.7	23.7	17.8	14.8	8.9	5.9
72.5°	35.6	32.6	32.6	32.6	29.7	26.7	23.7	20.8	17.8	11.9	5.9
70°	32.6	32.6	32.6	32.6	29.7	29.7	23.7	20.8	20.8	11.9	8.9
67.5°	32.6	32.6	32.6	29.7	29.7	26.7	23.7	20.8	20.8	14.8	8.9
65°	35.6	32.6	32.6	32.6	29.7	26.7	23.7	20.8	20.8	17.8	11.9
62.5°	38.5	35.6	35.6	32.6	29.7	26.7	23.7	20.8	20.8	17.8	11.9
60°	41.5	38.5	35.6	35.6	32.6	29.7	23.7	23.7	20.8	17.8	11.9
57.5°	44.5	41.5	41.5	38.5	35.6	32.6	26.7	23.7	20.8	17.8	14.8
55°	53.4	47.4	44.5	44.5	41.5	35.6	29.7	23.7	20.8	17.8	14.8
52.5°	71.2	56.3	50.4	50.4	47.4	41.5	32.6	26.7	20.8	17.8	14.8
50°	112.7	71.2	59.3	53.4	53.4	47.4	38.5	29.7	20.8	17.8	14.8
47.5°	177.9	118.6	71.2	62.3	59.3	56.3	44.5	29.7	23.7	17.8	14.8
45°	293.5	174.9	115.6	74.1	62.3	59.3	50.4	32.6	23.7	20.8	14.8
42.5°	403.3	272.8	177.9	89.0	74.1	65.2	53.4	35.6	26.7	20.8	14.8
40°	634.5	373.6	249.1	145.3	86.0	68.2	59.3	41.5	26.7	20.8	14.8
37.5°	859.9	495.2	335.1	213.5	97.8	77.1	62.3	44.5	29.7	20.8	17.8
35°	1085.2	693.8	415.1	284.7	130.5	91.9	65.2	47.4	29.7	20.8	17.8
32.5°	1286.9	880.6	498.1	355.8	195.7	109.7	71.2	50.4	32.6	23.7	17.8
30°	1452.9	1052.6	646.4	418.1	255.0	133.4	77.1	50.4	35.6	23.7	17.8
27.5°	1577.5	1186.1	797.6	483.3	305.4	157.2	89.0	56.3	35.6	23.7	17.8
25°	1678.3	1289.8	931.1	551.5	349.9	195.7	106.7	59.3	38.5	26.7	17.8
22.5°	1758.3	1375.8	1040.8	643.4	403.3	234.2	130.5	65.2	38.5	26.7	17.8
20°	1868.0	1461.8	1114.9	741.3	459.6	269.8	151.2	71.2	38.5	26.7	20.8
17.5°	1962.9	1547.8	1174.2	824.3	515.9	296.5	174.9	77.1	41.5	26.7	20.8
15°	2072.6	1630.8	1227.6	889.5	569.3	320.2	195.7	83.0	41.5	29.7	20.8
12.5°	2191.2	1707.9	1266.1	942.9	625.6	341.0	213.5	94.9	44.5	29.7	20.8
10°	2312.8	1773.2	1298.7	981.5	667.2	361.7	225.4	106.7	47.4	29.7	20.8
7.5°	2434.4	1832.5	1340.2	999.3	684.9	385.5	231.3	118.6	47.4	32.6	20.8
5°	2517.4	1871.0	1399.5	1011.1	693.8	412.2	240.2	133.4	50.4	32.6	20.8
2.5°	2588.6	1894.7	1461.8	1020.0	696.8	427.0	237.2	142.3	53.4	32.6	20.8
0°	2621.2	1894.7	1503.3	1014.1	687.9	441.8	237.2	151.2	53.4	32.6	20.8
-2.5°	2570.8	1948.1	1491.5	1017.0	690.9	441.8	249.1	154.2	59.3	35.6	20.8
-5°	2490.7	1968.9	1455.9	1002.2	684.9	441.8	263.9	157.2	62.3	35.6	23.7
-7.5°	2413.6	1977.7	1414.4	987.4	676.1	429.9	266.9	154.2	68.2	38.5	23.7
-10°	2312.8	1879.9	1361.0	960.7	658.3	421.0	272.8	154.2	71.2	38.5	23.7
-12.5°	2197.2	1761.3	1295.8	922.2	637.5	412.2	275.8	154.2	74.1	41.5	23.7
-15°	2063.7	1639.7	1221.6	880.6	607.9	400.3	269.8	151.2	77.1	41.5	26.7
-17.5°	1912.5	1521.1	1144.5	830.2	575.2	385.5	258.0	148.3	77.1	41.5	26.7
-20°	1740.5	1402.5	1058.6	779.8	536.7	367.7	246.1	142.3	77.1	41.5	26.7

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CATALOG NUMBER: IFLD-M-SA4A-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°	1586.3	1292.8	969.6	723.5	495.2	346.9	231.3	136.4	77.1	44.5	26.7
-25°	1458.8	1186.1	901.4	667.2	450.7	323.2	216.5	130.5	77.1	44.5	26.7
-27.5°	1325.4	1070.4	830.2	613.8	421.0	302.4	201.6	124.5	74.1	44.5	26.7
-30°	1189.0	957.7	756.1	554.5	391.4	281.7	189.8	115.6	74.1	44.5	26.7
-32.5°	1064.5	865.8	687.9	495.2	358.8	260.9	177.9	112.7	71.2	44.5	26.7
-35°	942.9	782.8	616.7	447.7	323.2	240.2	166.0	109.7	71.2	44.5	26.7
-37.5°	842.1	705.7	551.5	415.1	302.4	222.4	154.2	103.8	68.2	44.5	26.7
-40°	759.1	634.5	489.2	379.5	284.7	204.6	142.3	100.8	68.2	44.5	26.7
-42.5°	682.0	566.3	450.7	349.9	266.9	192.7	133.4	97.8	65.2	44.5	26.7
-45°	613.8	507.0	412.2	323.2	246.1	177.9	127.5	91.9	62.3	44.5	29.7
-47.5°	545.6	465.5	376.6	299.5	225.4	160.1	121.6	89.0	59.3	41.5	29.7
-50°	492.2	421.0	346.9	272.8	204.6	154.2	115.6	83.0	59.3	41.5	29.7
-52.5°	444.8	379.5	314.3	246.1	186.8	145.3	109.7	77.1	56.3	41.5	29.7
-55°	400.3	341.0	281.7	219.4	174.9	136.4	100.8	71.2	56.3	41.5	29.7
-57.5°	355.8	305.4	249.1	198.7	160.1	127.5	94.9	71.2	56.3	41.5	29.7
-60°	320.2	272.8	225.4	183.8	148.3	115.6	86.0	68.2	53.4	41.5	29.7
-62.5°	290.6	246.1	204.6	166.0	136.4	103.8	83.0	68.2	53.4	41.5	26.7
-65°	260.9	222.4	183.8	151.2	121.6	97.8	80.1	65.2	53.4	41.5	26.7
-67.5°	231.3	195.7	166.0	133.4	112.7	94.9	77.1	65.2	50.4	38.5	26.7
-70°	201.6	172.0	145.3	124.5	106.7	89.0	74.1	62.3	50.4	35.6	23.7
-72.5°	177.9	151.2	130.5	115.6	100.8	86.0	71.2	59.3	47.4	32.6	20.8
-75°	151.2	133.4	118.6	103.8	91.9	80.1	68.2	53.4	41.5	29.7	20.8
-77.5°	127.5	115.6	103.8	94.9	83.0	71.2	59.3	47.4	38.5	26.7	17.8
-80°	109.7	100.8	91.9	83.0	74.1	62.3	53.4	41.5	32.6	23.7	14.8
-82.5°	89.0	83.0	74.1	68.2	62.3	53.4	44.5	35.6	23.7	17.8	11.9
-85°	68.2	62.3	59.3	53.4	47.4	38.5	29.7	23.7	17.8	11.9	5.9
-87.5°	35.6	32.6	29.7	26.7	23.7	17.8	14.8	11.9	8.9	5.9	3.0
-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-SA4A-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°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	3.0	3.0	0.0	0.0
67.5°	5.9	3.0	0.0	0.0
65°	5.9	3.0	0.0	0.0
62.5°	5.9	3.0	0.0	0.0
60°	5.9	3.0	0.0	0.0
57.5°	8.9	3.0	3.0	0.0
55°	8.9	3.0	3.0	0.0
52.5°	8.9	3.0	3.0	0.0
50°	8.9	5.9	3.0	0.0
47.5°	8.9	5.9	3.0	0.0
45°	8.9	5.9	3.0	0.0
42.5°	8.9	5.9	3.0	0.0
40°	11.9	5.9	3.0	0.0
37.5°	11.9	5.9	3.0	0.0
35°	11.9	5.9	3.0	0.0
32.5°	11.9	5.9	3.0	0.0
30°	11.9	5.9	3.0	0.0
27.5°	11.9	8.9	3.0	0.0
25°	11.9	8.9	3.0	0.0
22.5°	14.8	8.9	3.0	0.0
20°	14.8	8.9	3.0	0.0
17.5°	14.8	8.9	3.0	0.0
15°	14.8	8.9	3.0	0.0
12.5°	14.8	8.9	3.0	0.0
10°	14.8	8.9	3.0	0.0
7.5°	14.8	8.9	3.0	0.0
5°	14.8	8.9	3.0	0.0
2.5°	14.8	8.9	3.0	0.0
0°	14.8	8.9	3.0	0.0
-2.5°	14.8	8.9	3.0	0.0
-5°	14.8	8.9	3.0	0.0
-7.5°	14.8	8.9	3.0	0.0
-10°	14.8	8.9	3.0	0.0
-12.5°	17.8	8.9	3.0	0.0
-15°	17.8	8.9	3.0	0.0
-17.5°	17.8	8.9	3.0	0.0
-20°	17.8	8.9	3.0	0.0

REPORT NUMBER: P722467

CATALOG NUMBER: IFLD-M-SA4A-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.8	8.9	3.0	0.0
-25°	17.8	8.9	3.0	0.0
-27.5°	17.8	8.9	3.0	0.0
-30°	17.8	8.9	3.0	0.0
-32.5°	17.8	8.9	3.0	0.0
-35°	17.8	8.9	3.0	0.0
-37.5°	17.8	8.9	3.0	0.0
-40°	17.8	8.9	3.0	0.0
-42.5°	14.8	8.9	3.0	0.0
-45°	17.8	8.9	3.0	0.0
-47.5°	17.8	8.9	3.0	0.0
-50°	17.8	8.9	3.0	0.0
-52.5°	17.8	8.9	3.0	0.0
-55°	17.8	8.9	3.0	0.0
-57.5°	17.8	8.9	3.0	0.0
-60°	17.8	8.9	3.0	0.0
-62.5°	14.8	8.9	3.0	0.0
-65°	14.8	5.9	3.0	0.0
-67.5°	14.8	5.9	3.0	0.0
-70°	14.8	5.9	3.0	0.0
-72.5°	11.9	5.9	3.0	0.0
-75°	11.9	5.9	3.0	0.0
-77.5°	8.9	3.0	0.0	0.0
-80°	8.9	3.0	0.0	0.0
-82.5°	5.9	3.0	0.0	0.0
-85°	3.0	3.0	0.0	0.0
-87.5°	3.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)