

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: P722544

Luminaire Tested: **IFLD-S-SA3A-760-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722544
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-760-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14390.7 lumens	Max Intensity:	10046.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	151.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	9180.6 lumens	Field Lumens:	13567.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

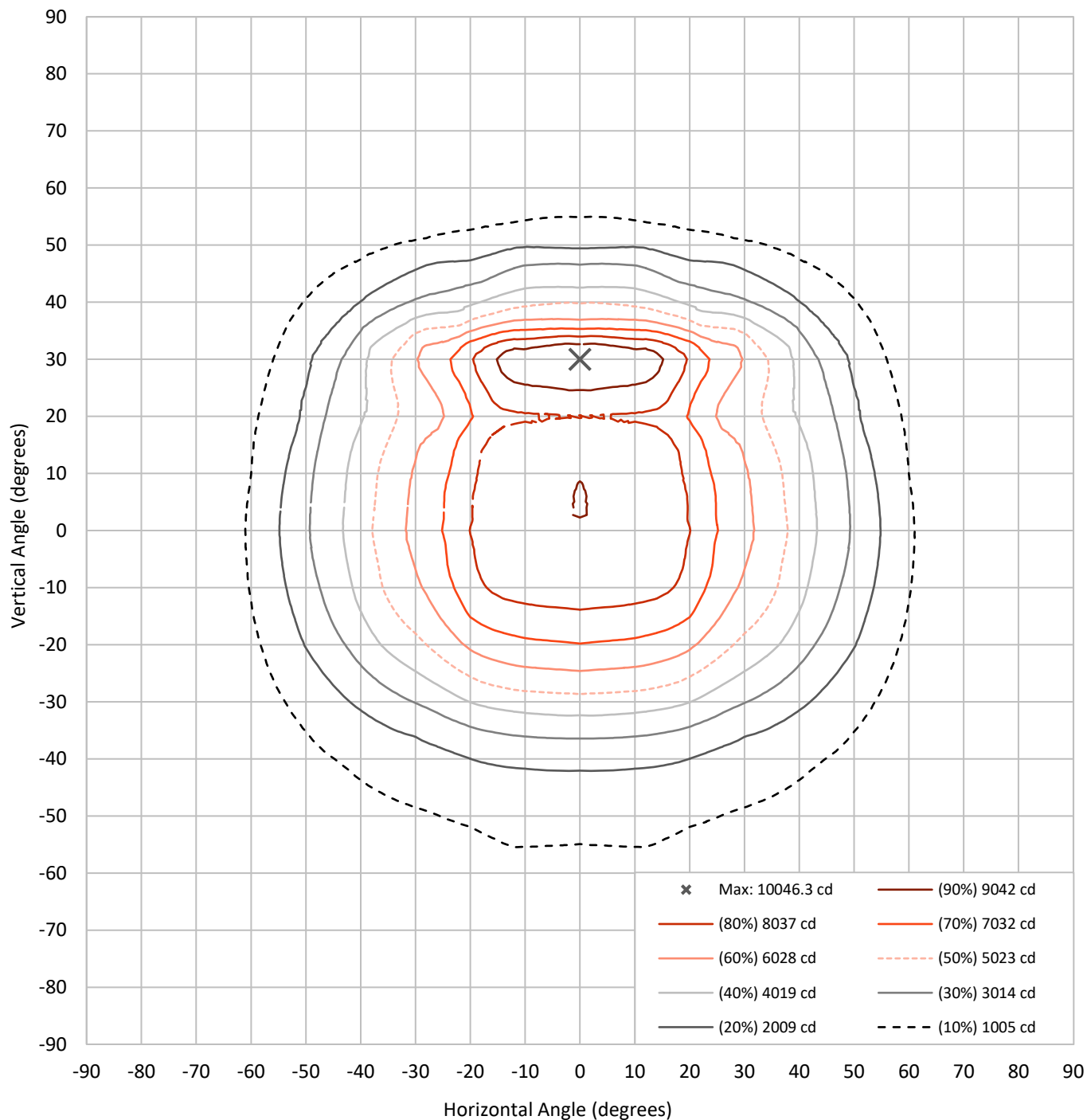
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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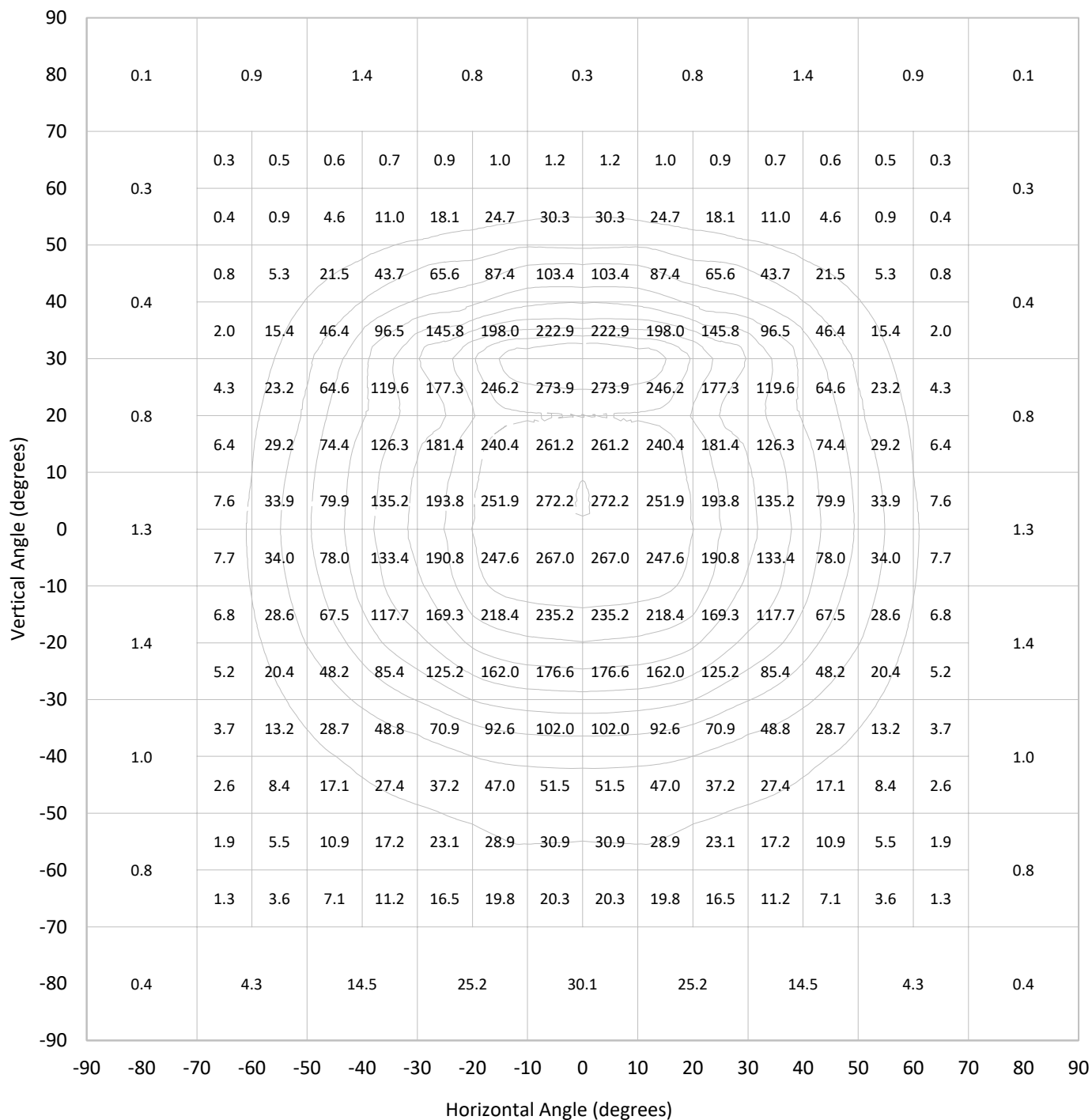
Iso-Candela Plot



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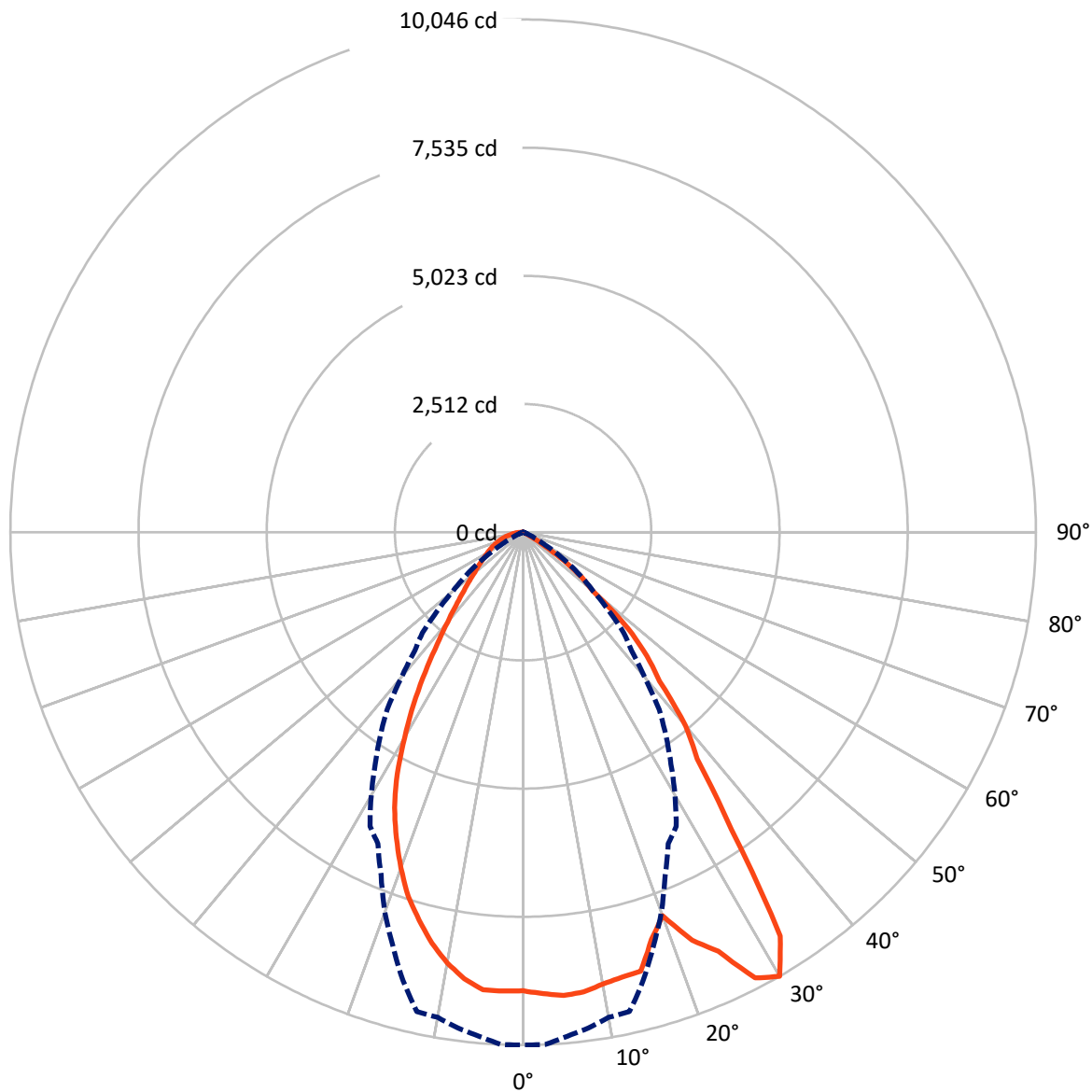
Lumen Table



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Luminous Intensity Polar Plot



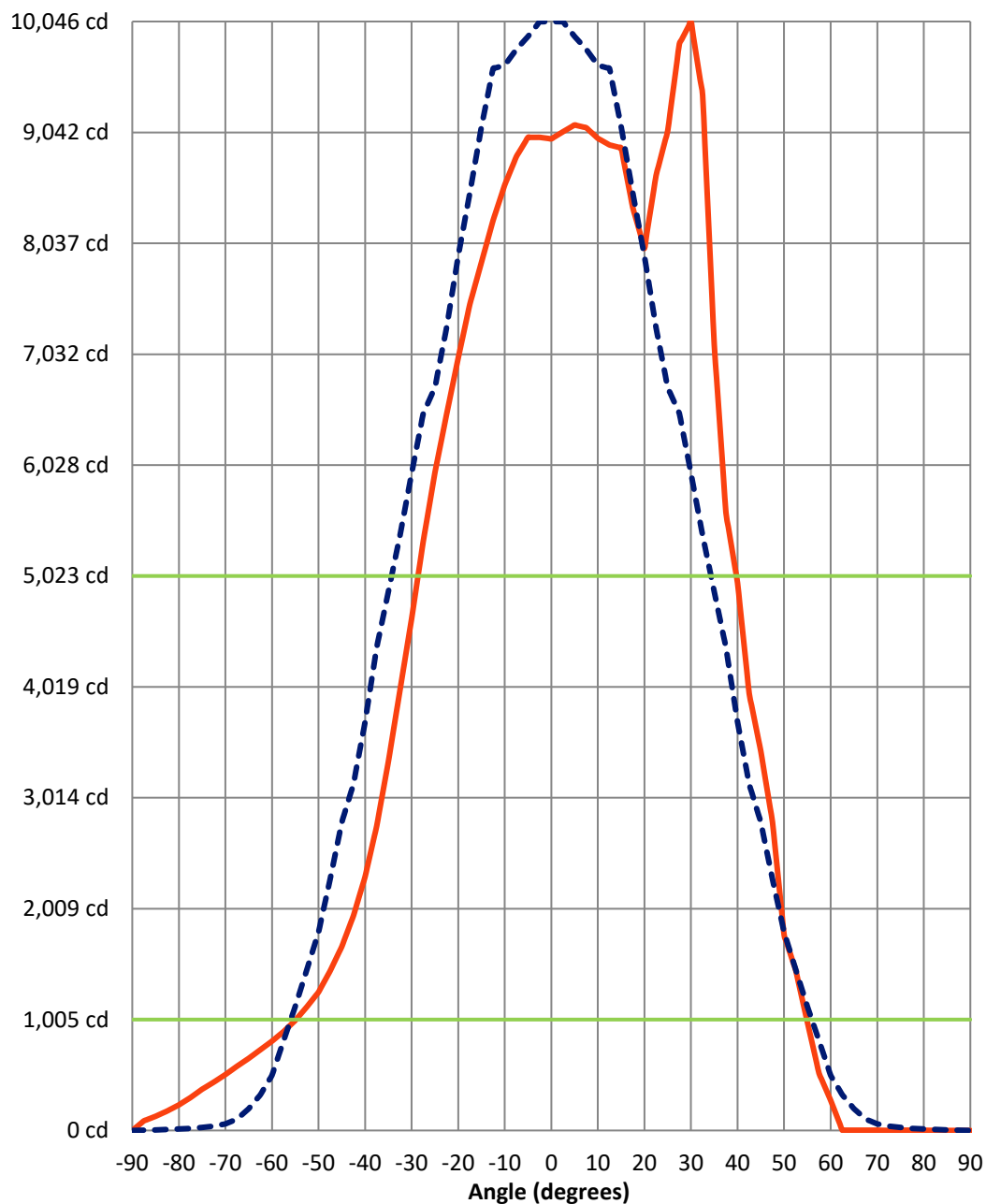
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9180.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13567.2

Efficiency: 94.3%

Spill:

Lumens: 823.5

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	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	4.6	4.6	6.9
82.5°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	9.2
80°	2.3	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.2	9.2
77.5°	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.2	9.2	11.5
75°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.2	9.2	11.5
72.5°	0.0	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.2	9.2	9.2
70°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.2	9.2	9.2
67.5°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	9.2	9.2	9.2	11.5
65°	2.3	2.3	2.3	4.6	6.9	6.9	9.2	11.5	11.5	13.7	16.0
62.5°	2.3	4.6	4.6	6.9	9.2	11.5	25.2	38.9	38.9	27.5	22.9
60°	272.6	295.5	293.3	265.8	231.4	194.7	187.9	181.0	167.2	146.6	153.5
57.5°	517.8	545.3	556.7	549.9	531.5	499.5	481.1	460.5	433.0	400.9	364.3
55°	980.6	992.0	966.8	918.7	866.0	813.3	795.0	767.5	726.3	685.0	630.0
52.5°	1450.2	1489.2	1477.7	1429.6	1358.6	1264.7	1161.6	1081.4	1033.3	987.4	932.5
50°	1771.0	1787.0	1819.1	1876.4	1897.0	1832.8	1665.6	1450.2	1296.7	1374.6	1315.1
47.5°	2795.1	2875.3	2859.2	2818.0	2749.3	2575.1	2341.5	2149.0	1988.6	1935.9	1945.1
45°	3434.3	3466.4	3454.9	3436.6	3404.5	3241.8	2983.0	2687.4	2538.5	2478.9	2417.1
42.5°	3958.9	3993.3	4000.2	4002.5	3968.1	3819.2	3585.5	3290.0	3141.0	2969.2	2834.0
40°	4960.1	5010.5	4953.3	4877.7	4763.1	4593.6	4364.5	4091.8	3828.4	3617.6	3457.2
37.5°	5599.3	5661.2	5684.1	5679.5	5654.3	5581.0	5299.2	5040.3	4637.1	4165.1	4249.9
35°	7116.0	7180.2	7161.8	7093.1	7056.5	6978.6	6703.6	6396.6	5890.3	5377.1	5239.6
32.5°	9377.3	9517.0	9255.9	8969.5	8793.1	8854.9	8575.4	7824.0	7590.3	6664.7	6236.3
30°	10046.3	10044.0	9911.1	9794.3	9649.9	9620.1	9093.2	8492.9	7920.2	7271.8	6731.1
27.5°	9842.4	9801.1	9688.9	9604.1	9468.9	9397.9	8882.4	8405.9	7743.8	7164.1	6641.8
25°	9056.5	9088.6	8974.1	8958.0	8905.3	8767.9	8511.3	7975.2	7384.1	6742.6	6366.8
22.5°	8651.0	8639.6	8502.1	8421.9	8486.1	8339.4	8236.3	7695.7	7079.4	6538.7	6087.3
20°	7991.2	7993.5	7959.1	7952.3	7913.3	7846.9	7764.4	7381.8	6946.5	6483.7	5940.7
17.5°	8360.1	8454.0	8495.2	8153.9	8250.1	8174.5	8087.4	7553.6	7226.0	6815.9	6108.0
15°	8900.8	8866.4	8825.1	8806.8	8754.1	8683.1	8525.0	8098.9	7535.3	7111.4	6559.3
12.5°	8928.2	8861.8	8845.8	8843.5	8788.5	8690.0	8536.5	8183.7	7684.2	7168.7	6719.7
10°	8987.8	8919.1	8909.9	8921.4	8836.6	8774.7	8621.2	8293.6	7730.0	7267.2	6843.4
7.5°	9084.0	8969.5	9022.2	8987.8	8948.9	8850.4	8685.4	8364.6	7897.3	7397.8	6953.4
5°	9109.2	8983.2	9040.5	9008.4	8951.2	8854.9	8676.2	8410.5	8000.4	7450.5	6996.9
2.5°	9047.4	9010.7	8985.5	8926.0	8900.8	8795.4	8625.8	8341.7	7952.3	7427.6	6987.7
0°	8983.2	9015.3	8958.0	8898.5	8887.0	8802.2	8657.9	8401.3	8064.5	7491.8	7065.6
-2.5°	8997.0	8971.8	8932.8	8871.0	8811.4	8690.0	8559.4	8318.8	7956.8	7352.0	6955.6
-5°	8997.0	8880.1	8884.7	8887.0	8827.4	8701.4	8543.3	8339.4	7892.7	7349.7	6923.6
-7.5°	8822.9	8722.1	8706.0	8692.3	8676.2	8559.4	8435.7	8181.4	7785.0	7290.1	6834.2
-10°	8566.3	8467.7	8476.9	8456.3	8405.9	8328.0	8234.1	8005.0	7679.6	7102.3	6653.2
-12.5°	8245.5	8202.0	8176.8	8142.4	8092.0	8023.3	7927.1	7711.7	7363.5	6870.9	6444.7
-15°	7865.2	7833.1	7810.2	7789.6	7716.3	7645.3	7519.2	7319.9	7102.3	6573.0	6137.7
-17.5°	7484.9	7404.7	7372.6	7345.1	7297.0	7182.5	7067.9	6919.0	6614.3	6195.0	5821.6
-20°	6996.9	6948.8	6909.8	6873.2	6804.4	6715.1	6621.2	6449.3	6185.9	5846.8	5459.6

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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°	6486.0	6458.5	6426.4	6380.6	6334.8	6250.0	6119.4	5954.5	5748.3	5381.7	5019.7
-25°	5959.0	5906.3	5867.4	5823.9	5787.2	5709.3	5583.3	5425.2	5166.3	4850.2	4547.7
-27.5°	5338.2	5287.8	5267.1	5216.7	5184.7	5113.6	4987.6	4841.0	4607.3	4341.6	4034.6
-30°	4637.1	4646.3	4623.4	4575.2	4536.3	4444.6	4348.4	4224.7	4041.4	3787.1	3512.2
-32.5°	3988.7	4000.2	3972.7	3922.3	3871.9	3805.4	3716.1	3603.8	3466.4	3223.5	2985.2
-35°	3340.4	3335.8	3312.9	3283.1	3248.7	3193.7	3092.9	3008.2	2850.1	2680.5	2515.6
-37.5°	2758.4	2769.9	2763.0	2747.0	2708.0	2662.2	2579.7	2501.8	2385.0	2236.1	2107.8
-40°	2297.9	2311.7	2302.5	2286.5	2252.1	2224.6	2169.6	2100.9	2007.0	1878.7	1771.0
-42.5°	1945.1	1954.3	1942.8	1929.1	1899.3	1878.7	1835.1	1777.9	1700.0	1601.4	1505.2
-45°	1665.6	1667.9	1656.4	1647.3	1624.4	1599.2	1562.5	1516.7	1454.8	1386.1	1308.2
-47.5°	1445.7	1443.4	1431.9	1422.7	1404.4	1381.5	1351.7	1310.5	1262.4	1209.7	1147.8
-50°	1253.2	1264.7	1260.1	1250.9	1237.2	1221.1	1191.3	1147.8	1099.7	1060.8	1017.2
-52.5°	1120.3	1122.6	1120.3	1120.3	1118.0	1106.6	1072.2	1028.7	976.0	941.6	905.0
-55°	996.6	1008.1	1012.6	1017.2	1019.5	1019.5	978.3	932.5	882.1	847.7	820.2
-57.5°	895.8	902.7	907.3	918.7	927.9	934.8	898.1	856.9	817.9	785.8	760.6
-60°	808.7	817.9	824.8	836.2	843.1	847.7	824.8	797.3	774.4	753.8	717.1
-62.5°	730.8	737.7	744.6	751.5	758.3	762.9	753.8	740.0	728.6	719.4	673.6
-65°	653.0	659.8	666.7	675.9	682.7	687.3	685.0	675.9	666.7	657.5	616.3
-67.5°	581.9	588.8	598.0	600.3	604.8	607.1	602.5	595.7	584.2	572.8	540.7
-70°	506.3	510.9	515.5	515.5	515.5	513.2	508.6	499.5	488.0	472.0	446.8
-72.5°	437.6	442.2	446.8	439.9	435.3	428.4	421.6	410.1	398.6	387.2	373.4
-75°	373.4	375.7	375.7	366.6	359.7	352.8	343.7	336.8	325.3	316.2	304.7
-77.5°	297.8	297.8	297.8	291.0	286.4	281.8	274.9	268.1	258.9	252.0	242.9
-80°	231.4	231.4	231.4	229.1	222.2	217.7	213.1	208.5	201.6	197.0	192.4
-82.5°	176.4	176.4	176.4	174.1	169.5	167.2	162.7	158.1	155.8	151.2	148.9
-85°	128.3	130.6	130.6	128.3	126.0	121.4	119.1	116.8	114.6	112.3	107.7
-87.5°	87.1	87.1	87.1	84.8	82.5	82.5	80.2	75.6	71.0	68.7	66.4
-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	6.9	6.9	6.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	6.9
82.5°	11.5	11.5	13.7	13.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0
80°	11.5	13.7	16.0	18.3	20.6	22.9	22.9	22.9	22.9	20.6	20.6
77.5°	13.7	13.7	16.0	18.3	20.6	22.9	25.2	27.5	25.2	25.2	25.2
75°	13.7	16.0	16.0	18.3	20.6	22.9	25.2	27.5	27.5	27.5	27.5
72.5°	11.5	13.7	16.0	18.3	18.3	20.6	22.9	22.9	25.2	25.2	27.5
70°	11.5	13.7	16.0	16.0	18.3	18.3	20.6	22.9	22.9	25.2	25.2
67.5°	13.7	16.0	16.0	18.3	20.6	20.6	20.6	22.9	22.9	25.2	25.2
65°	16.0	18.3	18.3	20.6	22.9	22.9	25.2	25.2	25.2	27.5	27.5
62.5°	27.5	27.5	27.5	25.2	27.5	27.5	27.5	29.8	29.8	27.5	29.8
60°	142.0	103.1	71.0	89.4	80.2	36.7	36.7	36.7	34.4	34.4	32.1
57.5°	334.5	311.6	268.1	226.8	203.9	181.0	112.3	45.8	45.8	41.2	36.7
55°	559.0	483.4	451.3	396.4	336.8	309.3	256.6	174.1	82.5	55.0	48.1
52.5°	866.0	795.0	712.5	600.3	520.1	455.9	412.4	327.6	219.9	116.8	73.3
50°	1159.3	1127.2	1076.8	966.8	799.6	691.9	620.9	524.7	394.1	240.6	137.5
47.5°	1867.2	1599.2	1436.5	1351.7	1212.0	1008.1	870.6	762.9	604.8	405.5	242.9
45°	2350.6	2181.1	1922.2	1743.5	1537.3	1321.9	1143.2	1019.5	831.7	607.1	380.3
42.5°	2765.3	2618.7	2385.0	2123.8	1906.2	1624.4	1395.3	1232.6	1074.5	829.4	568.2
40°	3299.1	3125.0	2900.5	2646.2	2391.9	2032.2	1661.0	1464.0	1289.9	1072.2	767.5
37.5°	4178.9	3871.9	3505.3	3223.5	2891.3	2586.6	2078.0	1729.7	1523.6	1296.7	1001.2
35°	5237.4	4900.6	4288.9	3915.4	3471.0	3017.3	2559.1	2043.6	1750.4	1509.8	1216.6
32.5°	6222.5	5729.9	4946.4	4508.8	4213.3	3377.0	2902.8	2456.0	1984.1	1688.5	1340.3
30°	6495.1	5952.2	5390.9	4880.0	4375.9	3700.1	3138.7	2790.5	2277.3	1796.2	1457.1
27.5°	6220.2	5846.8	5411.5	4937.2	4392.0	3812.3	3283.1	2950.9	2492.7	1869.5	1548.8
25°	5940.7	5551.2	5246.5	4850.2	4346.1	3805.4	3287.7	3051.7	2659.9	2011.5	1599.2
22.5°	5645.2	5402.3	5150.3	4708.1	4231.6	3826.1	3436.6	3138.7	2747.0	2171.9	1619.8
20°	5661.2	5503.1	5225.9	4634.8	4211.0	3947.5	3615.3	3248.7	2840.9	2311.7	1635.8
17.5°	5917.8	5711.6	5363.4	4850.2	4396.5	4071.2	3764.2	3399.9	2937.1	2435.4	1830.6
15°	6234.0	5920.1	5555.8	5104.5	4591.3	4206.4	3878.8	3505.3	3047.1	2549.9	2004.7
12.5°	6463.1	6016.3	5674.9	5267.1	4802.1	4353.0	3954.4	3585.5	3150.2	2643.9	2135.3
10°	6541.0	6135.4	5732.2	5367.9	4909.7	4430.9	4011.6	3635.9	3239.6	2717.2	2231.5
7.5°	6582.2	6238.5	5771.2	5413.8	4973.9	4479.0	4057.5	3663.4	3310.6	2767.6	2293.3
5°	6577.6	6293.5	5801.0	5427.5	5008.2	4499.6	4089.5	3670.3	3361.0	2811.1	2330.0
2.5°	6557.0	6330.2	5849.1	5450.4	5077.0	4538.6	4151.4	3684.0	3379.3	2859.2	2355.2
0°	6632.6	6332.5	5899.5	5457.3	5122.8	4552.3	4178.9	3672.6	3354.1	2873.0	2352.9
-2.5°	6469.9	6197.3	5888.0	5397.7	5060.9	4520.3	4128.5	3635.9	3299.1	2856.9	2343.8
-5°	6442.5	6098.8	5791.8	5342.7	4957.8	4453.8	4034.6	3567.2	3212.1	2804.3	2307.1
-7.5°	6369.1	6004.9	5697.9	5299.2	4861.6	4385.1	3945.2	3496.2	3118.1	2721.8	2254.4
-10°	6208.8	5860.5	5597.1	5205.3	4744.8	4286.6	3837.5	3402.2	3008.2	2609.5	2171.9
-12.5°	5979.7	5631.4	5370.2	5006.0	4598.2	4153.7	3709.2	3280.8	2882.1	2490.4	2073.4
-15°	5720.8	5367.9	5106.8	4774.6	4380.5	3947.5	3546.6	3127.3	2737.8	2364.4	1956.6
-17.5°	5427.5	5093.0	4841.0	4518.0	4126.2	3713.8	3315.2	2934.8	2570.6	2233.8	1821.4
-20°	5088.4	4763.1	4531.7	4208.7	3849.0	3448.0	3060.9	2701.2	2373.5	2057.4	1672.5

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4669.2	4382.8	4119.3	3830.6	3516.8	3150.2	2790.5	2472.0	2158.2	1848.9	1519.0
-25°	4240.7	3963.5	3706.9	3443.5	3143.3	2827.2	2520.2	2231.5	1924.5	1645.0	1370.1
-27.5°	3764.2	3516.8	3287.7	3044.8	2769.9	2497.3	2245.2	1963.4	1697.7	1459.4	1223.4
-30°	3255.6	3054.0	2854.7	2639.3	2417.1	2188.0	1963.4	1697.7	1489.2	1299.0	1099.7
-32.5°	2767.6	2586.6	2426.2	2265.9	2073.4	1885.5	1686.2	1489.2	1315.1	1147.8	980.6
-35°	2339.2	2146.7	2057.4	1929.1	1775.6	1606.0	1443.4	1305.9	1166.1	1014.9	866.0
-37.5°	1968.0	1844.3	1738.9	1642.7	1521.3	1374.6	1257.8	1145.5	1028.7	891.2	762.9
-40°	1677.1	1587.7	1482.3	1411.3	1312.8	1207.4	1090.5	996.6	898.1	785.8	680.4
-42.5°	1443.4	1370.1	1301.3	1225.7	1152.4	1063.1	962.2	872.9	783.5	701.1	614.0
-45°	1250.9	1198.2	1143.2	1081.4	1017.2	939.3	856.9	765.2	701.1	627.7	554.4
-47.5°	1092.8	1053.9	1008.1	960.0	905.0	836.2	760.6	694.2	627.7	565.9	494.9
-50°	966.8	930.2	893.5	852.3	804.2	744.6	687.3	625.5	563.6	504.0	437.6
-52.5°	861.4	829.4	799.6	765.2	719.4	669.0	616.3	561.3	504.0	444.5	391.8
-55°	788.1	751.5	721.7	687.3	646.1	598.0	549.9	499.5	444.5	398.6	355.1
-57.5°	728.6	687.3	653.0	616.3	575.1	533.8	490.3	444.5	403.2	359.7	318.5
-60°	678.2	630.0	591.1	554.4	515.5	476.5	439.9	400.9	362.0	323.0	281.8
-62.5°	625.5	575.1	526.9	492.6	462.8	428.4	396.4	359.7	325.3	286.4	256.6
-65°	565.9	517.8	472.0	442.2	414.7	384.9	355.1	323.0	293.3	263.5	236.0
-67.5°	499.5	458.2	426.1	398.6	371.2	345.9	318.5	291.0	265.8	236.0	208.5
-70°	419.3	396.4	378.0	357.4	332.2	309.3	284.1	258.9	231.4	206.2	181.0
-72.5°	357.4	343.7	329.9	309.3	286.4	265.8	245.1	222.2	199.3	176.4	155.8
-75°	293.3	281.8	270.3	256.6	238.3	222.2	203.9	183.3	165.0	148.9	132.9
-77.5°	236.0	226.8	219.9	208.5	194.7	181.0	169.5	155.8	142.0	126.0	110.0
-80°	187.9	183.3	181.0	176.4	165.0	153.5	144.3	132.9	119.1	107.7	96.2
-82.5°	146.6	146.6	144.3	142.0	132.9	123.7	116.8	107.7	98.5	89.4	77.9
-85°	107.7	105.4	105.4	103.1	96.2	91.6	84.8	80.2	73.3	64.1	59.6
-87.5°	64.1	61.9	59.6	57.3	52.7	50.4	45.8	43.5	38.9	34.4	32.1
-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-S-SA3A-760-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	6.9	4.6	4.6	4.6	4.6	4.6	2.3	2.3	2.3	2.3	2.3
82.5°	13.7	13.7	11.5	11.5	9.2	6.9	4.6	4.6	4.6	2.3	2.3
80°	20.6	20.6	20.6	18.3	16.0	11.5	9.2	6.9	4.6	2.3	2.3
77.5°	25.2	22.9	22.9	20.6	20.6	18.3	13.7	11.5	6.9	4.6	2.3
75°	25.2	25.2	25.2	22.9	22.9	20.6	18.3	13.7	11.5	6.9	4.6
72.5°	27.5	25.2	25.2	25.2	22.9	20.6	18.3	16.0	13.7	9.2	4.6
70°	25.2	25.2	25.2	25.2	22.9	22.9	18.3	16.0	16.0	9.2	6.9
67.5°	25.2	25.2	25.2	22.9	22.9	20.6	18.3	16.0	16.0	11.5	6.9
65°	27.5	25.2	25.2	25.2	22.9	20.6	18.3	16.0	16.0	13.7	9.2
62.5°	29.8	27.5	27.5	25.2	22.9	20.6	18.3	16.0	16.0	13.7	9.2
60°	32.1	29.8	27.5	27.5	25.2	22.9	18.3	18.3	16.0	13.7	9.2
57.5°	34.4	32.1	32.1	29.8	27.5	25.2	20.6	18.3	16.0	13.7	11.5
55°	41.2	36.7	34.4	34.4	32.1	27.5	22.9	18.3	16.0	13.7	11.5
52.5°	55.0	43.5	38.9	38.9	36.7	32.1	25.2	20.6	16.0	13.7	11.5
50°	87.1	55.0	45.8	41.2	41.2	36.7	29.8	22.9	16.0	13.7	11.5
47.5°	137.5	91.6	55.0	48.1	45.8	43.5	34.4	22.9	18.3	13.7	11.5
45°	226.8	135.2	89.4	57.3	48.1	45.8	38.9	25.2	18.3	16.0	11.5
42.5°	311.6	210.8	137.5	68.7	57.3	50.4	41.2	27.5	20.6	16.0	11.5
40°	490.3	288.7	192.4	112.3	66.4	52.7	45.8	32.1	20.6	16.0	11.5
37.5°	664.4	382.6	258.9	165.0	75.6	59.6	48.1	34.4	22.9	16.0	13.7
35°	838.5	536.1	320.7	219.9	100.8	71.0	50.4	36.7	22.9	16.0	13.7
32.5°	994.3	680.4	384.9	274.9	151.2	84.8	55.0	38.9	25.2	18.3	13.7
30°	1122.6	813.3	499.5	323.0	197.0	103.1	59.6	38.9	27.5	18.3	13.7
27.5°	1218.8	916.4	616.3	373.4	236.0	121.4	68.7	43.5	27.5	18.3	13.7
25°	1296.7	996.6	719.4	426.1	270.3	151.2	82.5	45.8	29.8	20.6	13.7
22.5°	1358.6	1063.1	804.2	497.2	311.6	181.0	100.8	50.4	29.8	20.6	13.7
20°	1443.4	1129.5	861.4	572.8	355.1	208.5	116.8	55.0	29.8	20.6	16.0
17.5°	1516.7	1195.9	907.3	636.9	398.6	229.1	135.2	59.6	32.1	20.6	16.0
15°	1601.4	1260.1	948.5	687.3	439.9	247.4	151.2	64.1	32.1	22.9	16.0
12.5°	1693.1	1319.6	978.3	728.6	483.4	263.5	165.0	73.3	34.4	22.9	16.0
10°	1787.0	1370.1	1003.5	758.3	515.5	279.5	174.1	82.5	36.7	22.9	16.0
7.5°	1881.0	1415.9	1035.6	772.1	529.2	297.8	178.7	91.6	36.7	25.2	16.0
5°	1945.1	1445.7	1081.4	781.3	536.1	318.5	185.6	103.1	38.9	25.2	16.0
2.5°	2000.1	1464.0	1129.5	788.1	538.4	329.9	183.3	110.0	41.2	25.2	16.0
0°	2025.3	1464.0	1161.6	783.5	531.5	341.4	183.3	116.8	41.2	25.2	16.0
-2.5°	1986.3	1505.2	1152.4	785.8	533.8	341.4	192.4	119.1	45.8	27.5	16.0
-5°	1924.5	1521.3	1124.9	774.4	529.2	341.4	203.9	121.4	48.1	27.5	18.3
-7.5°	1864.9	1528.1	1092.8	762.9	522.4	332.2	206.2	119.1	52.7	29.8	18.3
-10°	1787.0	1452.5	1051.6	742.3	508.6	325.3	210.8	119.1	55.0	29.8	18.3
-12.5°	1697.7	1360.9	1001.2	712.5	492.6	318.5	213.1	119.1	57.3	32.1	18.3
-15°	1594.6	1267.0	943.9	680.4	469.7	309.3	208.5	116.8	59.6	32.1	20.6
-17.5°	1477.7	1175.3	884.3	641.5	444.5	297.8	199.3	114.6	59.6	32.1	20.6
-20°	1344.9	1083.7	817.9	602.5	414.7	284.1	190.2	110.0	59.6	32.1	20.6



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CATALOG NUMBER: IFLD-S-SA3A-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1225.7	998.9	749.2	559.0	382.6	268.1	178.7	105.4	59.6	34.4	20.6
-25°	1127.2	916.4	696.5	515.5	348.2	249.7	167.2	100.8	59.6	34.4	20.6
-27.5°	1024.1	827.1	641.5	474.2	325.3	233.7	155.8	96.2	57.3	34.4	20.6
-30°	918.7	740.0	584.2	428.4	302.4	217.7	146.6	89.4	57.3	34.4	20.6
-32.5°	822.5	669.0	531.5	382.6	277.2	201.6	137.5	87.1	55.0	34.4	20.6
-35°	728.6	604.8	476.5	345.9	249.7	185.6	128.3	84.8	55.0	34.4	20.6
-37.5°	650.7	545.3	426.1	320.7	233.7	171.8	119.1	80.2	52.7	34.4	20.6
-40°	586.5	490.3	378.0	293.3	219.9	158.1	110.0	77.9	52.7	34.4	20.6
-42.5°	526.9	437.6	348.2	270.3	206.2	148.9	103.1	75.6	50.4	34.4	20.6
-45°	474.2	391.8	318.5	249.7	190.2	137.5	98.5	71.0	48.1	34.4	22.9
-47.5°	421.6	359.7	291.0	231.4	174.1	123.7	93.9	68.7	45.8	32.1	22.9
-50°	380.3	325.3	268.1	210.8	158.1	119.1	89.4	64.1	45.8	32.1	22.9
-52.5°	343.7	293.3	242.9	190.2	144.3	112.3	84.8	59.6	43.5	32.1	22.9
-55°	309.3	263.5	217.7	169.5	135.2	105.4	77.9	55.0	43.5	32.1	22.9
-57.5°	274.9	236.0	192.4	153.5	123.7	98.5	73.3	55.0	43.5	32.1	22.9
-60°	247.4	210.8	174.1	142.0	114.6	89.4	66.4	52.7	41.2	32.1	22.9
-62.5°	224.5	190.2	158.1	128.3	105.4	80.2	64.1	52.7	41.2	32.1	20.6
-65°	201.6	171.8	142.0	116.8	93.9	75.6	61.9	50.4	41.2	32.1	20.6
-67.5°	178.7	151.2	128.3	103.1	87.1	73.3	59.6	50.4	38.9	29.8	20.6
-70°	155.8	132.9	112.3	96.2	82.5	68.7	57.3	48.1	38.9	27.5	18.3
-72.5°	137.5	116.8	100.8	89.4	77.9	66.4	55.0	45.8	36.7	25.2	16.0
-75°	116.8	103.1	91.6	80.2	71.0	61.9	52.7	41.2	32.1	22.9	16.0
-77.5°	98.5	89.4	80.2	73.3	64.1	55.0	45.8	36.7	29.8	20.6	13.7
-80°	84.8	77.9	71.0	64.1	57.3	48.1	41.2	32.1	25.2	18.3	11.5
-82.5°	68.7	64.1	57.3	52.7	48.1	41.2	34.4	27.5	18.3	13.7	9.2
-85°	52.7	48.1	45.8	41.2	36.7	29.8	22.9	18.3	13.7	9.2	4.6
-87.5°	27.5	25.2	22.9	20.6	18.3	13.7	11.5	9.2	6.9	4.6	2.3
-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-S-SA3A-760-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°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	2.3	2.3	0.0	0.0
67.5°	4.6	2.3	0.0	0.0
65°	4.6	2.3	0.0	0.0
62.5°	4.6	2.3	0.0	0.0
60°	4.6	2.3	0.0	0.0
57.5°	6.9	2.3	2.3	0.0
55°	6.9	2.3	2.3	0.0
52.5°	6.9	2.3	2.3	0.0
50°	6.9	4.6	2.3	0.0
47.5°	6.9	4.6	2.3	0.0
45°	6.9	4.6	2.3	0.0
42.5°	6.9	4.6	2.3	0.0
40°	9.2	4.6	2.3	0.0
37.5°	9.2	4.6	2.3	0.0
35°	9.2	4.6	2.3	0.0
32.5°	9.2	4.6	2.3	0.0
30°	9.2	4.6	2.3	0.0
27.5°	9.2	6.9	2.3	0.0
25°	9.2	6.9	2.3	0.0
22.5°	11.5	6.9	2.3	0.0
20°	11.5	6.9	2.3	0.0
17.5°	11.5	6.9	2.3	0.0
15°	11.5	6.9	2.3	0.0
12.5°	11.5	6.9	2.3	0.0
10°	11.5	6.9	2.3	0.0
7.5°	11.5	6.9	2.3	0.0
5°	11.5	6.9	2.3	0.0
2.5°	11.5	6.9	2.3	0.0
0°	11.5	6.9	2.3	0.0
-2.5°	11.5	6.9	2.3	0.0
-5°	11.5	6.9	2.3	0.0
-7.5°	11.5	6.9	2.3	0.0
-10°	11.5	6.9	2.3	0.0
-12.5°	13.7	6.9	2.3	0.0
-15°	13.7	6.9	2.3	0.0
-17.5°	13.7	6.9	2.3	0.0
-20°	13.7	6.9	2.3	0.0

REPORT NUMBER: P722544

CATALOG NUMBER: IFLD-S-SA3A-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.7	6.9	2.3	0.0
-25°	13.7	6.9	2.3	0.0
-27.5°	13.7	6.9	2.3	0.0
-30°	13.7	6.9	2.3	0.0
-32.5°	13.7	6.9	2.3	0.0
-35°	13.7	6.9	2.3	0.0
-37.5°	13.7	6.9	2.3	0.0
-40°	13.7	6.9	2.3	0.0
-42.5°	11.5	6.9	2.3	0.0
-45°	13.7	6.9	2.3	0.0
-47.5°	13.7	6.9	2.3	0.0
-50°	13.7	6.9	2.3	0.0
-52.5°	13.7	6.9	2.3	0.0
-55°	13.7	6.9	2.3	0.0
-57.5°	13.7	6.9	2.3	0.0
-60°	13.7	6.9	2.3	0.0
-62.5°	11.5	6.9	2.3	0.0
-65°	11.5	4.6	2.3	0.0
-67.5°	11.5	4.6	2.3	0.0
-70°	11.5	4.6	2.3	0.0
-72.5°	9.2	4.6	2.3	0.0
-75°	9.2	4.6	2.3	0.0
-77.5°	6.9	2.3	0.0	0.0
-80°	6.9	2.3	0.0	0.0
-82.5°	4.6	2.3	0.0	0.0
-85°	2.3	2.3	0.0	0.0
-87.5°	2.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)