

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: P722439

Luminaire Tested: **IFLD-M-SA4B-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722439
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21266.2 lumens	Max Intensity:	14846.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	128.0 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:	13566.9 lumens	Field Lumens:	20049.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

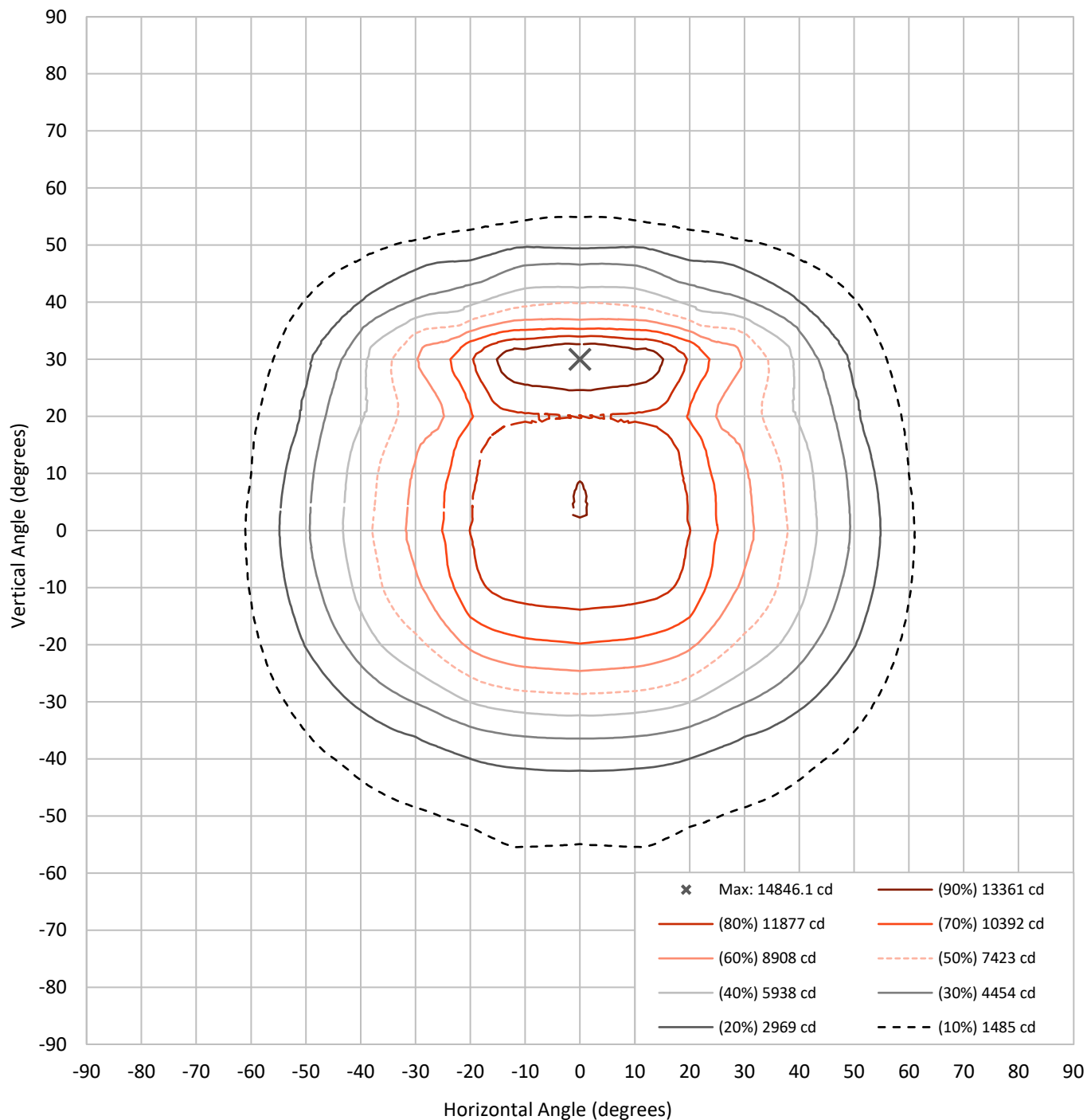
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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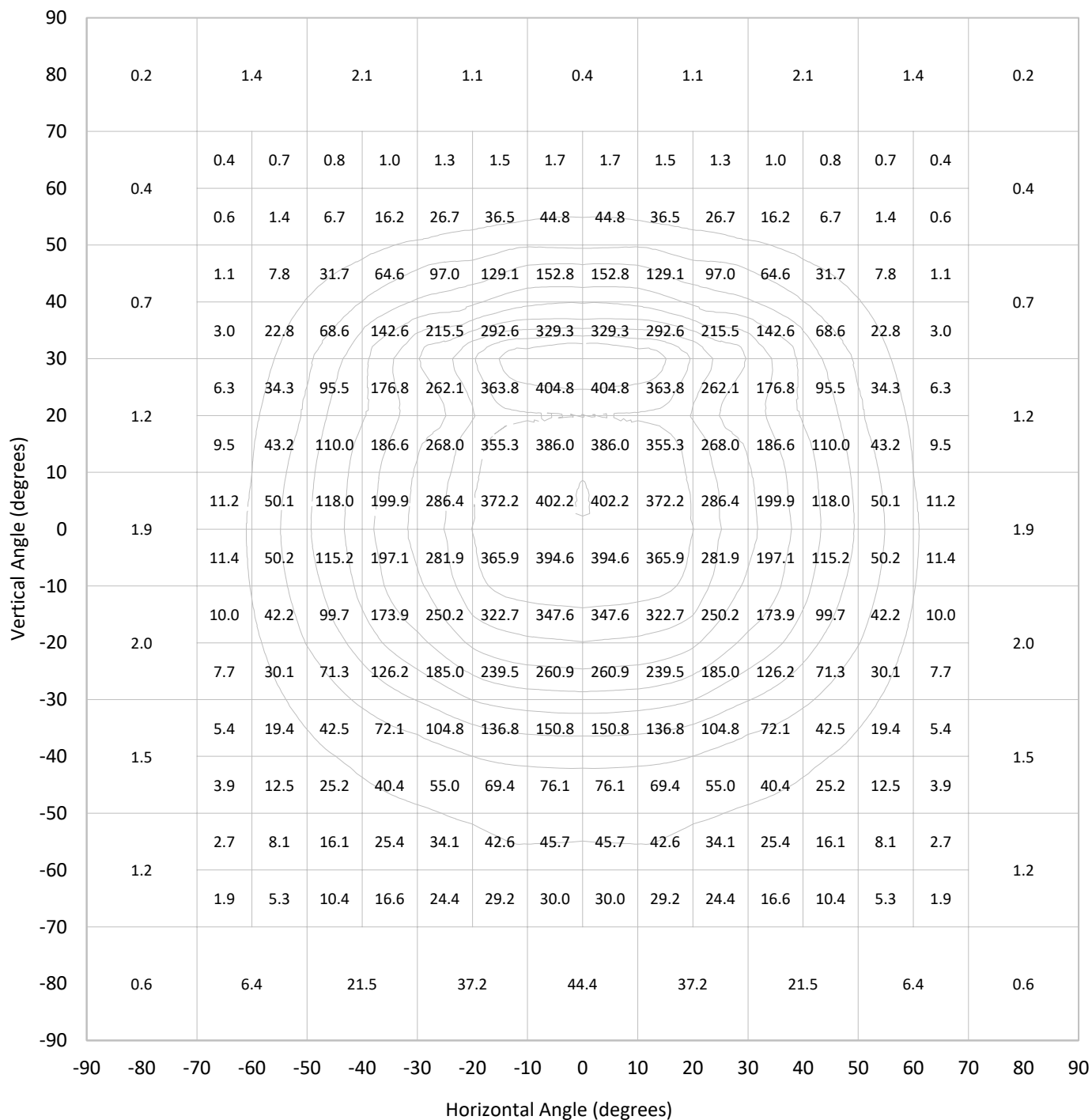
Iso-Candela Plot



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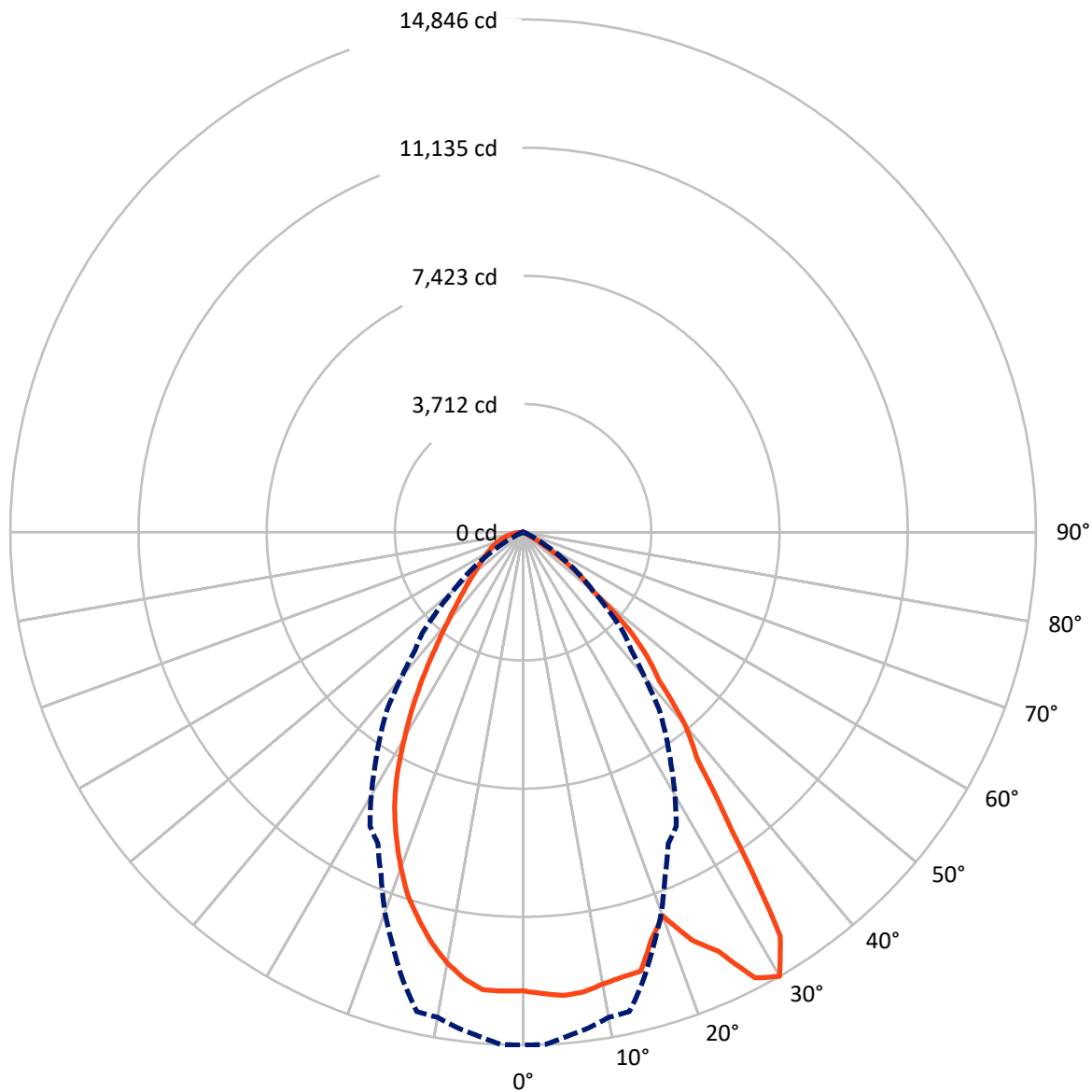
Lumen Table



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Luminous Intensity Polar Plot



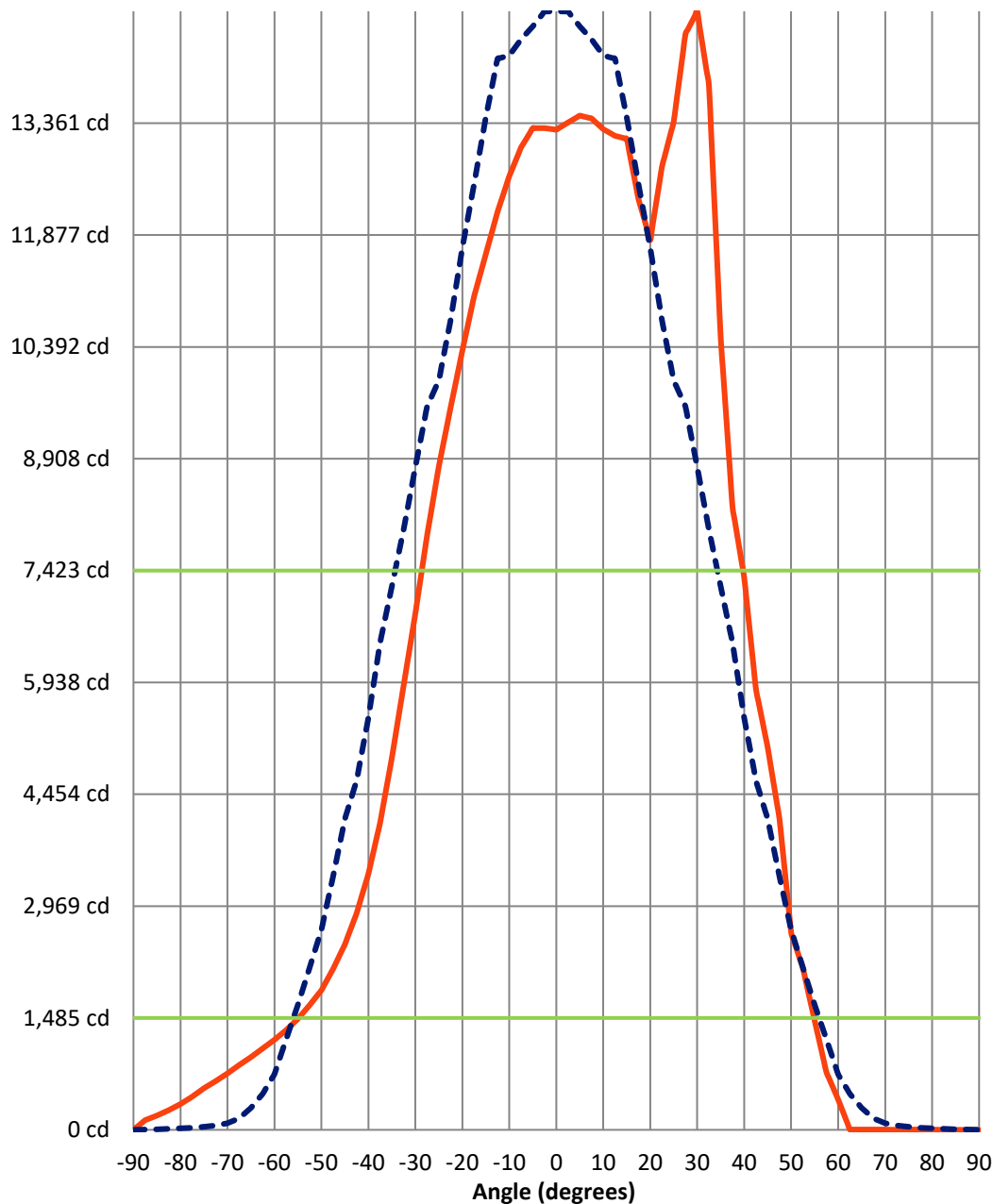
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13566.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20049.2

Efficiency: 94.3%

Spill:

Lumens: 1216.9

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	10.2
82.5°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	10.2	10.2	13.5
80°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.5	13.5
77.5°	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.5	13.5	16.9
75°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	16.9
72.5°	0.0	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	13.5
70°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.5	13.5	13.5
67.5°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.5	13.5	13.5	16.9
65°	3.4	3.4	3.4	6.8	10.2	10.2	13.5	16.9	16.9	20.3	23.7
62.5°	3.4	6.8	6.8	10.2	13.5	16.9	37.2	57.6	57.6	40.6	33.9
60°	402.9	436.8	433.4	392.7	342.0	287.8	277.6	267.5	247.2	216.7	226.8
57.5°	765.2	805.8	822.7	812.6	785.5	738.1	711.0	680.5	639.9	592.5	538.3
55°	1449.1	1466.0	1428.8	1357.7	1279.8	1201.9	1174.8	1134.2	1073.3	1012.3	931.1
52.5°	2143.1	2200.7	2183.8	2112.7	2007.7	1868.9	1716.5	1598.0	1526.9	1459.2	1378.0
50°	2617.1	2640.8	2688.2	2772.9	2803.3	2708.5	2461.4	2143.1	1916.3	2031.4	1943.4
47.5°	4130.5	4249.0	4225.3	4164.4	4062.8	3805.5	3460.1	3175.8	2938.8	2860.9	2874.4
45°	5075.1	5122.5	5105.6	5078.5	5031.1	4790.7	4408.1	3971.4	3751.3	3663.3	3571.9
42.5°	5850.4	5901.2	5911.4	5914.8	5864.0	5643.9	5298.6	4861.8	4641.7	4387.8	4188.1
40°	7330.0	7404.4	7319.8	7208.1	7038.8	6788.3	6449.7	6046.8	5657.4	5346.0	5109.0
37.5°	8274.6	8366.0	8399.8	8393.1	8355.8	8247.5	7831.0	7448.5	6852.6	6155.1	6280.4
35°	10515.9	10610.7	10583.6	10482.0	10427.8	10312.7	9906.5	9452.8	8704.5	7946.2	7743.0
32.5°	13857.5	14064.0	13678.1	13254.9	12994.2	13085.6	12672.5	11562.0	11216.7	9848.9	9215.8
30°	14846.1	14842.8	14646.4	14473.7	14260.4	14216.4	13437.7	12550.7	11704.2	10746.1	9947.1
27.5°	14544.8	14483.9	14318.0	14192.7	13993.0	13888.0	13126.2	12422.0	11443.5	10587.0	9815.0
25°	13383.5	13430.9	13261.6	13237.9	13160.1	12956.9	12577.7	11785.5	10912.0	9964.0	9408.8
22.5°	12784.3	12767.3	12564.2	12445.7	12540.5	12323.8	12171.5	11372.4	10461.7	9662.7	8995.7
20°	11809.2	11812.6	11761.8	11751.6	11694.1	11595.9	11474.0	10908.6	10265.3	9581.4	8779.0
17.5°	12354.3	12493.1	12554.0	12049.6	12191.8	12080.1	11951.4	11162.5	10678.4	10072.4	9026.2
15°	13153.3	13102.5	13041.6	13014.5	12936.6	12831.7	12598.1	11968.3	11135.4	10509.1	9693.2
12.5°	13193.9	13095.7	13072.0	13068.7	12987.4	12841.8	12615.0	12093.6	11355.5	10593.7	9930.2
10°	13282.0	13180.4	13166.8	13183.8	13058.5	12967.1	12740.3	12256.1	11423.2	10739.3	10113.0
7.5°	13424.2	13254.9	13332.7	13282.0	13224.4	13078.8	12835.1	12361.1	11670.4	10932.3	10275.5
5°	13461.4	13275.2	13359.8	13312.4	13227.8	13085.6	12821.5	12428.8	11822.7	11010.2	10339.8
2.5°	13370.0	13315.8	13278.6	13190.5	13153.3	12997.6	12747.0	12327.2	11751.6	10976.3	10326.3
0°	13275.2	13322.6	13237.9	13149.9	13133.0	13007.7	12794.4	12415.2	11917.5	11071.1	10441.4
-2.5°	13295.5	13258.3	13200.7	13109.3	13021.3	12841.8	12648.8	12293.3	11758.4	10864.6	10278.9
-5°	13295.5	13122.8	13129.6	13133.0	13045.0	12858.8	12625.1	12323.8	11663.6	10861.2	10231.5
-7.5°	13038.2	12889.2	12865.5	12845.2	12821.5	12648.8	12466.0	12090.2	11504.5	10773.2	10099.4
-10°	12659.0	12513.4	12527.0	12496.5	12422.0	12306.9	12168.1	11829.5	11348.7	10495.6	9832.0
-12.5°	12185.0	12120.7	12083.4	12032.7	11958.2	11856.6	11714.4	11396.1	10881.5	10153.6	9523.9
-15°	11623.0	11575.6	11541.7	11511.3	11402.9	11298.0	11111.8	10817.2	10495.6	9713.5	9070.2
-17.5°	11061.0	10942.5	10895.1	10854.4	10783.3	10614.1	10444.8	10224.7	9774.4	9154.8	8603.0
-20°	10339.8	10268.7	10211.2	10157.0	10055.4	9923.4	9784.6	9530.6	9141.3	8640.2	8068.0

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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°	9584.8	9544.2	9496.8	9429.1	9361.4	9236.1	9043.1	8799.3	8494.6	7952.9	7418.0
-25°	8806.1	8728.2	8670.7	8606.4	8552.2	8437.1	8250.9	8017.3	7634.7	7167.5	6720.5
-27.5°	7888.6	7814.1	7783.6	7709.2	7661.8	7556.8	7370.6	7153.9	6808.6	6415.8	5962.2
-30°	6852.6	6866.1	6832.3	6761.2	6703.6	6568.2	6426.0	6243.2	5972.3	5596.5	5190.2
-32.5°	5894.4	5911.4	5870.7	5796.3	5721.8	5623.6	5491.5	5325.6	5122.5	4763.6	4411.5
-35°	4936.3	4929.5	4895.7	4851.7	4800.9	4719.6	4570.6	4445.4	4211.8	3961.2	3717.5
-37.5°	4076.3	4093.3	4083.1	4059.4	4001.9	3934.1	3812.3	3697.1	3524.5	3304.4	3114.8
-40°	3395.8	3416.1	3402.6	3378.9	3328.1	3287.5	3206.2	3104.7	2965.8	2776.2	2617.1
-42.5°	2874.4	2888.0	2871.0	2850.7	2806.7	2776.2	2711.9	2627.3	2512.2	2366.6	2224.4
-45°	2461.4	2464.8	2447.8	2434.3	2400.4	2363.2	2309.0	2241.3	2149.9	2048.3	1933.2
-47.5°	2136.4	2133.0	2116.0	2102.5	2075.4	2041.6	1997.5	1936.6	1865.5	1787.6	1696.2
-50°	1852.0	1868.9	1862.1	1848.6	1828.3	1804.6	1760.5	1696.2	1625.1	1567.6	1503.2
-52.5°	1655.6	1659.0	1655.6	1655.6	1652.2	1635.3	1584.5	1520.2	1442.3	1391.5	1337.3
-55°	1472.8	1489.7	1496.5	1503.2	1506.6	1506.6	1445.7	1378.0	1303.5	1252.7	1212.1
-57.5°	1323.8	1334.0	1340.7	1357.7	1371.2	1381.4	1327.2	1266.2	1208.7	1161.3	1124.0
-60°	1195.1	1208.7	1218.8	1235.8	1245.9	1252.7	1218.8	1178.2	1144.4	1113.9	1059.7
-62.5°	1080.0	1090.2	1100.3	1110.5	1120.7	1127.4	1113.9	1093.6	1076.6	1063.1	995.4
-65°	964.9	975.1	985.2	998.8	1008.9	1015.7	1012.3	998.8	985.2	971.7	910.7
-67.5°	860.0	870.1	883.7	887.0	893.8	897.2	890.4	880.3	863.3	846.4	799.0
-70°	748.2	755.0	761.8	761.8	761.8	758.4	751.6	738.1	721.1	697.4	660.2
-72.5°	646.7	653.4	660.2	650.0	643.3	633.1	623.0	606.0	589.1	572.2	551.9
-75°	551.9	555.2	555.2	541.7	531.5	521.4	507.8	497.7	480.8	467.2	450.3
-77.5°	440.1	440.1	440.1	430.0	423.2	416.4	406.3	396.1	382.6	372.4	358.9
-80°	342.0	342.0	342.0	338.6	328.4	321.6	314.9	308.1	297.9	291.2	284.4
-82.5°	260.7	260.7	260.7	257.3	250.5	247.2	240.4	233.6	230.2	223.5	220.1
-85°	189.6	193.0	193.0	189.6	186.2	179.4	176.1	172.7	169.3	165.9	159.1
-87.5°	128.7	128.7	128.7	125.3	121.9	121.9	118.5	111.7	105.0	101.6	98.2
-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	10.2	10.2	10.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	10.2
82.5°	16.9	16.9	20.3	20.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7
80°	16.9	20.3	23.7	27.1	30.5	33.9	33.9	33.9	33.9	30.5	30.5
77.5°	20.3	20.3	23.7	27.1	30.5	33.9	37.2	40.6	37.2	37.2	37.2
75°	20.3	23.7	23.7	27.1	30.5	33.9	37.2	40.6	40.6	40.6	40.6
72.5°	16.9	20.3	23.7	27.1	27.1	30.5	33.9	33.9	37.2	37.2	40.6
70°	16.9	20.3	23.7	23.7	27.1	27.1	30.5	33.9	33.9	37.2	37.2
67.5°	20.3	23.7	23.7	27.1	30.5	30.5	30.5	33.9	33.9	37.2	37.2
65°	23.7	27.1	27.1	30.5	33.9	33.9	37.2	37.2	37.2	40.6	40.6
62.5°	40.6	40.6	40.6	37.2	40.6	40.6	40.6	44.0	44.0	40.6	44.0
60°	209.9	152.4	105.0	132.0	118.5	54.2	54.2	54.2	50.8	50.8	47.4
57.5°	494.3	460.5	396.1	335.2	301.3	267.5	165.9	67.7	67.7	60.9	54.2
55°	826.1	714.4	667.0	585.7	497.7	457.1	379.2	257.3	121.9	81.3	71.1
52.5°	1279.8	1174.8	1052.9	887.0	768.5	673.7	609.4	484.1	325.0	172.7	108.3
50°	1713.1	1665.7	1591.3	1428.8	1181.6	1022.5	917.5	775.3	582.3	355.5	203.1
47.5°	2759.3	2363.2	2122.8	1997.5	1791.0	1489.7	1286.6	1127.4	893.8	599.3	358.9
45°	3473.7	3223.2	2840.6	2576.5	2271.8	1953.5	1689.4	1506.6	1229.0	897.2	562.0
42.5°	4086.5	3869.8	3524.5	3138.5	2816.9	2400.4	2061.9	1821.5	1587.9	1225.6	839.6
40°	4875.4	4618.0	4286.3	3910.4	3534.6	3003.1	2454.6	2163.4	1906.1	1584.5	1134.2
37.5°	6175.5	5721.8	5180.1	4763.6	4272.7	3822.4	3070.8	2556.2	2251.5	1916.3	1479.5
35°	7739.6	7241.9	6338.0	5786.1	5129.3	4458.9	3781.8	3020.0	2586.6	2231.2	1797.8
32.5°	9195.5	8467.5	7309.6	6663.0	6226.2	4990.5	4289.6	3629.4	2932.0	2495.2	1980.6
30°	9598.4	8796.0	7966.5	7211.5	6466.6	5467.8	4638.4	4123.7	3365.4	2654.4	2153.3
27.5°	9192.1	8640.2	7996.9	7296.1	6490.3	5633.7	4851.7	4360.7	3683.6	2762.7	2288.7
25°	8779.0	8203.5	7753.2	7167.5	6422.6	5623.6	4858.4	4509.7	3930.8	2972.6	2363.2
22.5°	8342.3	7983.4	7611.0	6957.5	6253.3	5654.1	5078.5	4638.4	4059.4	3209.6	2393.7
20°	8366.0	8132.4	7722.7	6849.2	6222.9	5833.5	5342.6	4800.9	4198.2	3416.1	2417.4
17.5°	8745.2	8440.5	7925.8	7167.5	6497.1	6016.3	5562.6	5024.3	4340.4	3599.0	2705.1
15°	9212.4	8748.6	8210.2	7543.3	6784.9	6216.1	5731.9	5180.1	4502.9	3768.2	2962.5
12.5°	9551.0	8890.8	8386.3	7783.6	7096.4	6432.8	5843.7	5298.6	4655.3	3907.1	3155.4
10°	9666.1	9066.8	8470.9	7932.6	7255.5	6547.9	5928.3	5373.0	4787.3	4015.4	3297.6
7.5°	9727.0	9219.2	8528.5	8000.3	7350.3	6619.0	5996.0	5413.7	4892.3	4089.9	3389.0
5°	9720.2	9300.4	8572.5	8020.6	7401.1	6649.4	6043.4	5423.8	4966.8	4154.2	3443.2
2.5°	9689.8	9354.6	8643.6	8054.5	7502.6	6707.0	6134.8	5444.1	4993.9	4225.3	3480.5
0°	9801.5	9358.0	8718.1	8064.7	7570.3	6727.3	6175.5	5427.2	4956.6	4245.6	3477.1
-2.5°	9561.1	9158.2	8701.2	7976.6	7478.9	6679.9	6101.0	5373.0	4875.4	4221.9	3463.5
-5°	9520.5	9012.6	8559.0	7895.4	7326.6	6581.7	5962.2	5271.5	4746.7	4144.1	3409.4
-7.5°	9412.1	8873.8	8420.1	7831.0	7184.4	6480.2	5830.1	5166.5	4607.9	4022.2	3331.5
-10°	9175.2	8660.5	8271.2	7692.2	7011.7	6334.6	5671.0	5027.7	4445.4	3856.3	3209.6
-12.5°	8836.6	8322.0	7936.0	7397.7	6795.0	6138.2	5481.4	4848.3	4259.2	3680.2	3064.0
-15°	8454.0	7932.6	7546.6	7055.7	6473.4	5833.5	5241.0	4621.4	4045.9	3494.0	2891.4
-17.5°	8020.6	7526.3	7153.9	6676.5	6097.6	5488.2	4899.1	4337.0	3798.7	3301.0	2691.6
-20°	7519.6	7038.8	6696.8	6219.5	5687.9	5095.4	4523.2	3991.7	3507.5	3040.3	2471.5

REPORT NUMBER: P722439

CATALOG NUMBER: IFLD-M-SA4B-730-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°	6900.0	6476.8	6087.4	5660.8	5197.0	4655.3	4123.7	3653.1	3189.3	2732.2	2244.7
-25°	6266.9	5857.2	5478.0	5088.7	4645.1	4177.9	3724.2	3297.6	2844.0	2430.9	2024.6
-27.5°	5562.6	5197.0	4858.4	4499.5	4093.3	3690.4	3318.0	2901.5	2508.8	2156.7	1807.9
-30°	4811.0	4513.1	4218.5	3900.3	3571.9	3233.3	2901.5	2508.8	2200.7	1919.7	1625.1
-32.5°	4089.9	3822.4	3585.4	3348.4	3064.0	2786.4	2491.8	2200.7	1943.4	1696.2	1449.1
-35°	3456.8	3172.4	3040.3	2850.7	2623.9	2373.4	2133.0	1929.8	1723.3	1499.8	1279.8
-37.5°	2908.3	2725.5	2569.7	2427.5	2248.1	2031.4	1858.7	1692.8	1520.2	1317.0	1127.4
-40°	2478.3	2346.3	2190.5	2085.6	1940.0	1784.2	1611.6	1472.8	1327.2	1161.3	1005.5
-42.5°	2133.0	2024.6	1923.1	1811.3	1703.0	1570.9	1422.0	1289.9	1157.9	1036.0	907.4
-45°	1848.6	1770.7	1689.4	1598.0	1503.2	1388.1	1266.2	1130.8	1036.0	927.7	819.3
-47.5°	1615.0	1557.4	1489.7	1418.6	1337.3	1235.8	1124.0	1025.9	927.7	836.3	731.3
-50°	1428.8	1374.6	1320.4	1259.5	1188.4	1100.3	1015.7	924.3	832.9	744.8	646.7
-52.5°	1273.0	1225.6	1181.6	1130.8	1063.1	988.6	910.7	829.5	744.8	656.8	578.9
-55°	1164.7	1110.5	1066.5	1015.7	954.8	883.7	812.6	738.1	656.8	589.1	524.8
-57.5°	1076.6	1015.7	964.9	910.7	849.8	788.9	724.5	656.8	595.9	531.5	470.6
-60°	1002.2	931.1	873.5	819.3	761.8	704.2	650.0	592.5	534.9	477.4	416.4
-62.5°	924.3	849.8	778.7	727.9	683.9	633.1	585.7	531.5	480.8	423.2	379.2
-65°	836.3	765.2	697.4	653.4	612.8	568.8	524.8	477.4	433.4	389.4	348.7
-67.5°	738.1	677.1	629.7	589.1	548.5	511.2	470.6	430.0	392.7	348.7	308.1
-70°	619.6	585.7	558.6	528.2	490.9	457.1	419.8	382.6	342.0	304.7	267.5
-72.5°	528.2	507.8	487.5	457.1	423.2	392.7	362.3	328.4	294.6	260.7	230.2
-75°	433.4	416.4	399.5	379.2	352.1	328.4	301.3	270.9	243.8	220.1	196.4
-77.5°	348.7	335.2	325.0	308.1	287.8	267.5	250.5	230.2	209.9	186.2	162.5
-80°	277.6	270.9	267.5	260.7	243.8	226.8	213.3	196.4	176.1	159.1	142.2
-82.5°	216.7	216.7	213.3	209.9	196.4	182.8	172.7	159.1	145.6	132.0	115.1
-85°	159.1	155.7	155.7	152.4	142.2	135.4	125.3	118.5	108.3	94.8	88.0
-87.5°	94.8	91.4	88.0	84.6	77.9	74.5	67.7	64.3	57.6	50.8	47.4
-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):

	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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
85°	10.2	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4
82.5°	20.3	20.3	16.9	16.9	13.5	10.2	6.8	6.8	6.8	3.4	3.4
80°	30.5	30.5	30.5	27.1	23.7	16.9	13.5	10.2	6.8	3.4	3.4
77.5°	37.2	33.9	33.9	30.5	30.5	27.1	20.3	16.9	10.2	6.8	3.4
75°	37.2	37.2	37.2	33.9	33.9	30.5	27.1	20.3	16.9	10.2	6.8
72.5°	40.6	37.2	37.2	37.2	33.9	30.5	27.1	23.7	20.3	13.5	6.8
70°	37.2	37.2	37.2	37.2	33.9	33.9	27.1	23.7	23.7	13.5	10.2
67.5°	37.2	37.2	37.2	33.9	33.9	30.5	27.1	23.7	23.7	16.9	10.2
65°	40.6	37.2	37.2	37.2	33.9	30.5	27.1	23.7	23.7	20.3	13.5
62.5°	44.0	40.6	40.6	37.2	33.9	30.5	27.1	23.7	23.7	20.3	13.5
60°	47.4	44.0	40.6	40.6	37.2	33.9	27.1	27.1	23.7	20.3	13.5
57.5°	50.8	47.4	47.4	44.0	40.6	37.2	30.5	27.1	23.7	20.3	16.9
55°	60.9	54.2	50.8	50.8	47.4	40.6	33.9	27.1	23.7	20.3	16.9
52.5°	81.3	64.3	57.6	57.6	54.2	47.4	37.2	30.5	23.7	20.3	16.9
50°	128.7	81.3	67.7	60.9	60.9	54.2	44.0	33.9	23.7	20.3	16.9
47.5°	203.1	135.4	81.3	71.1	67.7	64.3	50.8	33.9	27.1	20.3	16.9
45°	335.2	199.8	132.0	84.6	71.1	67.7	57.6	37.2	27.1	23.7	16.9
42.5°	460.5	311.5	203.1	101.6	84.6	74.5	60.9	40.6	30.5	23.7	16.9
40°	724.5	426.6	284.4	165.9	98.2	77.9	67.7	47.4	30.5	23.7	16.9
37.5°	981.8	565.4	382.6	243.8	111.7	88.0	71.1	50.8	33.9	23.7	20.3
35°	1239.2	792.2	474.0	325.0	149.0	105.0	74.5	54.2	33.9	23.7	20.3
32.5°	1469.4	1005.5	568.8	406.3	223.5	125.3	81.3	57.6	37.2	27.1	20.3
30°	1659.0	1201.9	738.1	477.4	291.2	152.4	88.0	57.6	40.6	27.1	20.3
27.5°	1801.2	1354.3	910.7	551.9	348.7	179.4	101.6	64.3	40.6	27.1	20.3
25°	1916.3	1472.8	1063.1	629.7	399.5	223.5	121.9	67.7	44.0	30.5	20.3
22.5°	2007.7	1570.9	1188.4	734.7	460.5	267.5	149.0	74.5	44.0	30.5	20.3
20°	2133.0	1669.1	1273.0	846.4	524.8	308.1	172.7	81.3	44.0	30.5	23.7
17.5°	2241.3	1767.3	1340.7	941.2	589.1	338.6	199.8	88.0	47.4	30.5	23.7
15°	2366.6	1862.1	1401.7	1015.7	650.0	365.7	223.5	94.8	47.4	33.9	23.7
12.5°	2502.0	1950.1	1445.7	1076.6	714.4	389.4	243.8	108.3	50.8	33.9	23.7
10°	2640.8	2024.6	1482.9	1120.7	761.8	413.1	257.3	121.9	54.2	33.9	23.7
7.5°	2779.6	2092.3	1530.3	1141.0	782.1	440.1	264.1	135.4	54.2	37.2	23.7
5°	2874.4	2136.4	1598.0	1154.5	792.2	470.6	274.2	152.4	57.6	37.2	23.7
2.5°	2955.7	2163.4	1669.1	1164.7	795.6	487.5	270.9	162.5	60.9	37.2	23.7
0°	2992.9	2163.4	1716.5	1157.9	785.5	504.5	270.9	172.7	60.9	37.2	23.7
-2.5°	2935.4	2224.4	1703.0	1161.3	788.9	504.5	284.4	176.1	67.7	40.6	23.7
-5°	2844.0	2248.1	1662.4	1144.4	782.1	504.5	301.3	179.4	71.1	40.6	27.1
-7.5°	2755.9	2258.2	1615.0	1127.4	771.9	490.9	304.7	176.1	77.9	44.0	27.1
-10°	2640.8	2146.5	1554.0	1097.0	751.6	480.8	311.5	176.1	81.3	44.0	27.1
-12.5°	2508.8	2011.1	1479.5	1052.9	727.9	470.6	314.9	176.1	84.6	47.4	27.1
-15°	2356.4	1872.3	1394.9	1005.5	694.1	457.1	308.1	172.7	88.0	47.4	30.5
-17.5°	2183.8	1736.8	1306.9	948.0	656.8	440.1	294.6	169.3	88.0	47.4	30.5
-20°	1987.4	1601.4	1208.7	890.4	612.8	419.8	281.0	162.5	88.0	47.4	30.5



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CATALOG NUMBER: IFLD-M-SA4B-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1811.3	1476.1	1107.1	826.1	565.4	396.1	264.1	155.7	88.0	50.8	30.5
-25°	1665.7	1354.3	1029.2	761.8	514.6	369.0	247.2	149.0	88.0	50.8	30.5
-27.5°	1513.4	1222.2	948.0	700.8	480.8	345.3	230.2	142.2	84.6	50.8	30.5
-30°	1357.7	1093.6	863.3	633.1	446.9	321.6	216.7	132.0	84.6	50.8	30.5
-32.5°	1215.5	988.6	785.5	565.4	409.7	297.9	203.1	128.7	81.3	50.8	30.5
-35°	1076.6	893.8	704.2	511.2	369.0	274.2	189.6	125.3	81.3	50.8	30.5
-37.5°	961.5	805.8	629.7	474.0	345.3	253.9	176.1	118.5	77.9	50.8	30.5
-40°	866.7	724.5	558.6	433.4	325.0	233.6	162.5	115.1	77.9	50.8	30.5
-42.5°	778.7	646.7	514.6	399.5	304.7	220.1	152.4	111.7	74.5	50.8	30.5
-45°	700.8	578.9	470.6	369.0	281.0	203.1	145.6	105.0	71.1	50.8	33.9
-47.5°	623.0	531.5	430.0	342.0	257.3	182.8	138.8	101.6	67.7	47.4	33.9
-50°	562.0	480.8	396.1	311.5	233.6	176.1	132.0	94.8	67.7	47.4	33.9
-52.5°	507.8	433.4	358.9	281.0	213.3	165.9	125.3	88.0	64.3	47.4	33.9
-55°	457.1	389.4	321.6	250.5	199.8	155.7	115.1	81.3	64.3	47.4	33.9
-57.5°	406.3	348.7	284.4	226.8	182.8	145.6	108.3	81.3	64.3	47.4	33.9
-60°	365.7	311.5	257.3	209.9	169.3	132.0	98.2	77.9	60.9	47.4	33.9
-62.5°	331.8	281.0	233.6	189.6	155.7	118.5	94.8	77.9	60.9	47.4	30.5
-65°	297.9	253.9	209.9	172.7	138.8	111.7	91.4	74.5	60.9	47.4	30.5
-67.5°	264.1	223.5	189.6	152.4	128.7	108.3	88.0	74.5	57.6	44.0	30.5
-70°	230.2	196.4	165.9	142.2	121.9	101.6	84.6	71.1	57.6	40.6	27.1
-72.5°	203.1	172.7	149.0	132.0	115.1	98.2	81.3	67.7	54.2	37.2	23.7
-75°	172.7	152.4	135.4	118.5	105.0	91.4	77.9	60.9	47.4	33.9	23.7
-77.5°	145.6	132.0	118.5	108.3	94.8	81.3	67.7	54.2	44.0	30.5	20.3
-80°	125.3	115.1	105.0	94.8	84.6	71.1	60.9	47.4	37.2	27.1	16.9
-82.5°	101.6	94.8	84.6	77.9	71.1	60.9	50.8	40.6	27.1	20.3	13.5
-85°	77.9	71.1	67.7	60.9	54.2	44.0	33.9	27.1	20.3	13.5	6.8
-87.5°	40.6	37.2	33.9	30.5	27.1	20.3	16.9	13.5	10.2	6.8	3.4
-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-SA4B-730-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°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	3.4	3.4	0.0	0.0
67.5°	6.8	3.4	0.0	0.0
65°	6.8	3.4	0.0	0.0
62.5°	6.8	3.4	0.0	0.0
60°	6.8	3.4	0.0	0.0
57.5°	10.2	3.4	3.4	0.0
55°	10.2	3.4	3.4	0.0
52.5°	10.2	3.4	3.4	0.0
50°	10.2	6.8	3.4	0.0
47.5°	10.2	6.8	3.4	0.0
45°	10.2	6.8	3.4	0.0
42.5°	10.2	6.8	3.4	0.0
40°	13.5	6.8	3.4	0.0
37.5°	13.5	6.8	3.4	0.0
35°	13.5	6.8	3.4	0.0
32.5°	13.5	6.8	3.4	0.0
30°	13.5	6.8	3.4	0.0
27.5°	13.5	10.2	3.4	0.0
25°	13.5	10.2	3.4	0.0
22.5°	16.9	10.2	3.4	0.0
20°	16.9	10.2	3.4	0.0
17.5°	16.9	10.2	3.4	0.0
15°	16.9	10.2	3.4	0.0
12.5°	16.9	10.2	3.4	0.0
10°	16.9	10.2	3.4	0.0
7.5°	16.9	10.2	3.4	0.0
5°	16.9	10.2	3.4	0.0
2.5°	16.9	10.2	3.4	0.0
0°	16.9	10.2	3.4	0.0
-2.5°	16.9	10.2	3.4	0.0
-5°	16.9	10.2	3.4	0.0
-7.5°	16.9	10.2	3.4	0.0
-10°	16.9	10.2	3.4	0.0
-12.5°	20.3	10.2	3.4	0.0
-15°	20.3	10.2	3.4	0.0
-17.5°	20.3	10.2	3.4	0.0
-20°	20.3	10.2	3.4	0.0

REPORT NUMBER: P722439

CATALOG NUMBER: IFLD-M-SA4B-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.3	10.2	3.4	0.0
-25°	20.3	10.2	3.4	0.0
-27.5°	20.3	10.2	3.4	0.0
-30°	20.3	10.2	3.4	0.0
-32.5°	20.3	10.2	3.4	0.0
-35°	20.3	10.2	3.4	0.0
-37.5°	20.3	10.2	3.4	0.0
-40°	20.3	10.2	3.4	0.0
-42.5°	16.9	10.2	3.4	0.0
-45°	20.3	10.2	3.4	0.0
-47.5°	20.3	10.2	3.4	0.0
-50°	20.3	10.2	3.4	0.0
-52.5°	20.3	10.2	3.4	0.0
-55°	20.3	10.2	3.4	0.0
-57.5°	20.3	10.2	3.4	0.0
-60°	20.3	10.2	3.4	0.0
-62.5°	16.9	10.2	3.4	0.0
-65°	16.9	6.8	3.4	0.0
-67.5°	16.9	6.8	3.4	0.0
-70°	16.9	6.8	3.4	0.0
-72.5°	13.5	6.8	3.4	0.0
-75°	13.5	6.8	3.4	0.0
-77.5°	10.2	3.4	0.0	0.0
-80°	10.2	3.4	0.0	0.0
-82.5°	6.8	3.4	0.0	0.0
-85°	3.4	3.4	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)