

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: P722443

Luminaire Tested: **IFLD-L-SA7A-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722443
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

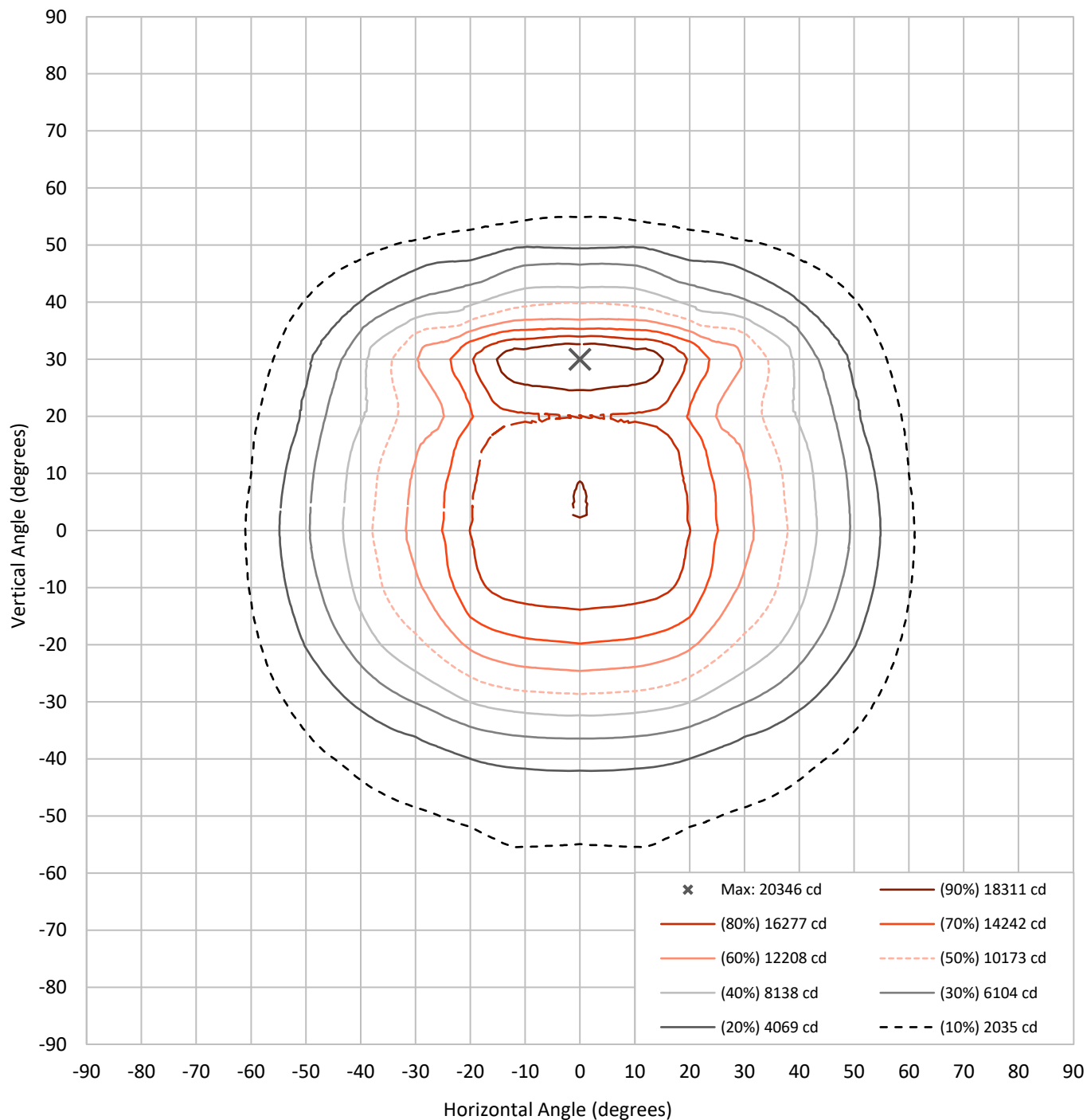
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	29144.4 lumens	Max Intensity:	20346 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	133.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	18592.9 lumens	Field Lumens:	27476.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	217.6		
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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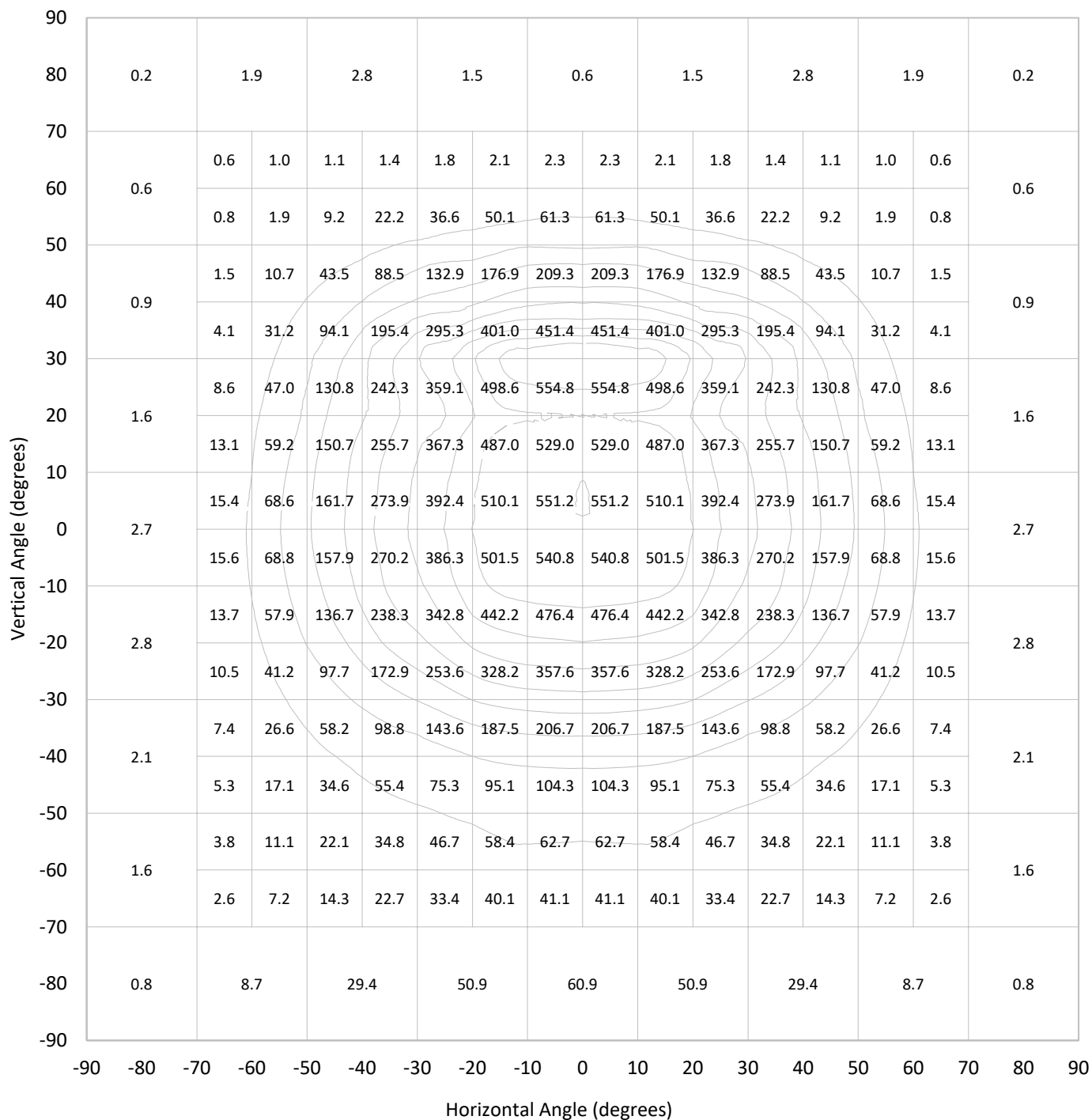
Iso-Candela Plot



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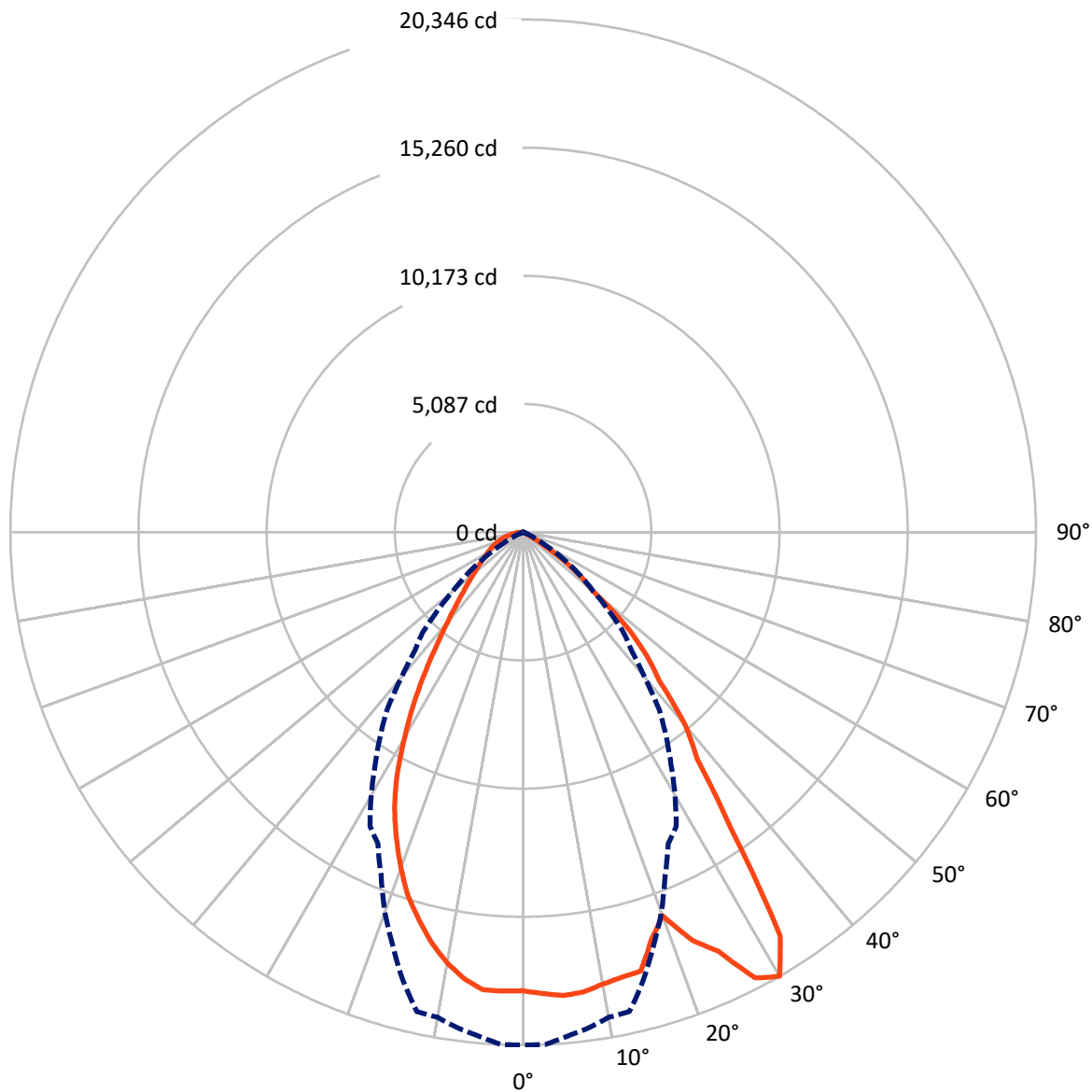
Lumen Table



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Luminous Intensity Polar Plot

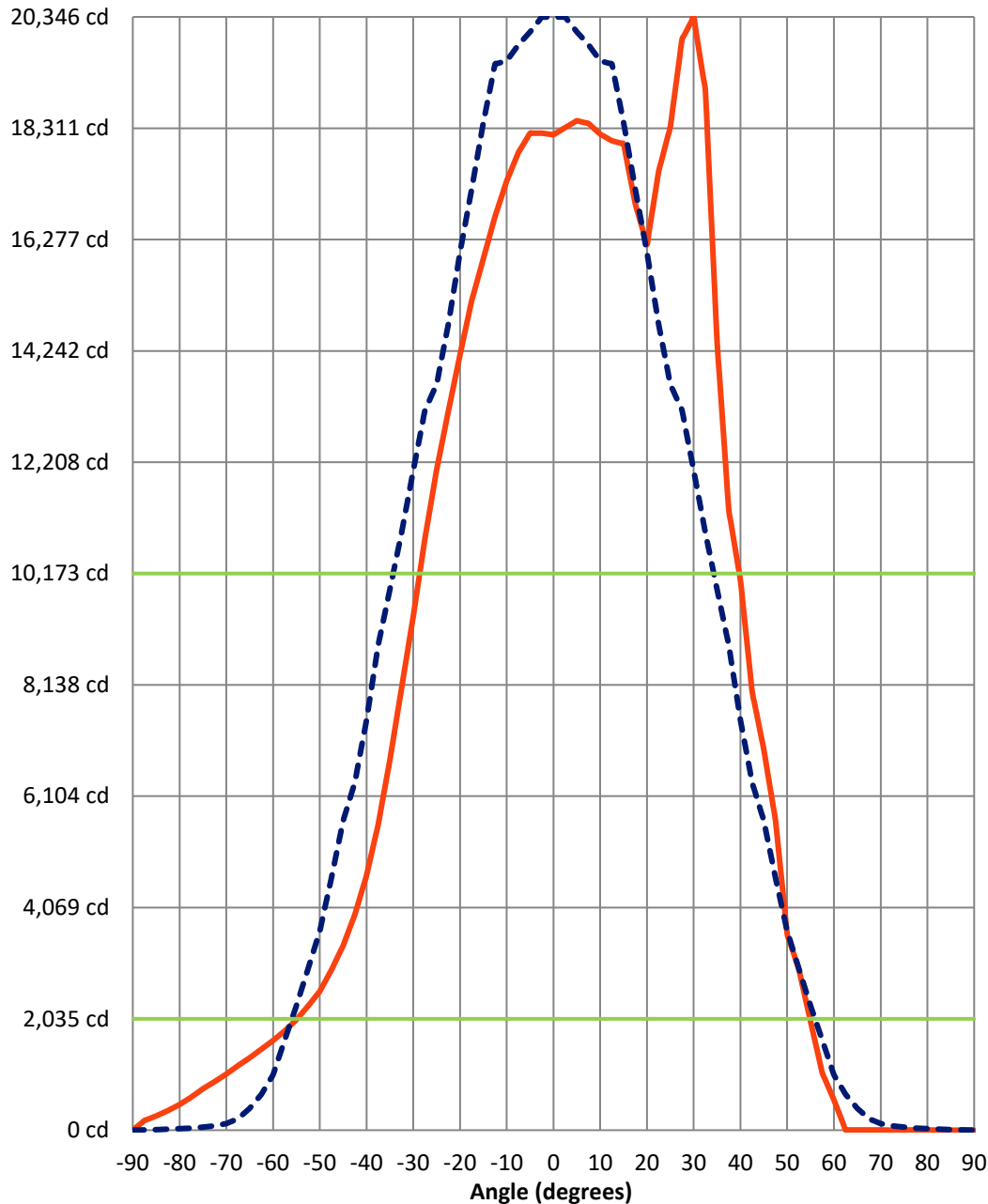


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 18592.9
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 27476.6
Efficiency: 94.3%

Spill:

Lumens: 1667.8
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	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	4.6	9.3	9.3	9.3	9.3	9.3	9.3	13.9
82.5°	0.0	4.6	4.6	4.6	9.3	9.3	9.3	9.3	13.9	13.9	18.6
80°	4.6	4.6	4.6	4.6	9.3	9.3	9.3	13.9	13.9	18.6	18.6
77.5°	4.6	4.6	4.6	9.3	9.3	9.3	13.9	13.9	18.6	18.6	23.2
75°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.6	18.6	23.2
72.5°	0.0	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.6	18.6	18.6
70°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.6	18.6	18.6
67.5°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	18.6	18.6	18.6	23.2
65°	4.6	4.6	4.6	9.3	13.9	13.9	18.6	23.2	23.2	27.8	32.5
62.5°	4.6	9.3	9.3	13.9	18.6	23.2	51.0	78.9	78.9	55.7	46.4
60°	552.1	598.5	593.9	538.2	468.6	394.4	380.5	366.6	338.7	297.0	310.9
57.5°	1048.6	1104.3	1127.5	1113.6	1076.5	1011.5	974.4	932.6	876.9	812.0	737.7
55°	1985.9	2009.1	1958.0	1860.6	1753.9	1647.2	1610.1	1554.4	1470.9	1387.3	1276.0
52.5°	2937.1	3015.9	2992.7	2895.3	2751.5	2561.2	2352.4	2190.0	2092.6	1999.8	1888.4
50°	3586.7	3619.1	3684.1	3800.1	3841.8	3711.9	3373.2	2937.1	2626.2	2783.9	2663.3
47.5°	5660.7	5823.1	5790.6	5707.1	5567.9	5215.3	4742.0	4352.2	4027.4	3920.7	3939.3
45°	6955.2	7020.2	6997.0	6959.9	6894.9	6565.5	6041.2	5442.6	5141.0	5020.4	4895.1
42.5°	8017.8	8087.4	8101.3	8105.9	8036.3	7734.7	7261.5	6662.9	6361.3	6013.3	5739.6
40°	10045.4	10147.5	10031.5	9878.4	9646.4	9303.0	8839.0	8286.9	7753.3	7326.4	7001.6
37.5°	11340.0	11465.2	11511.6	11502.3	11451.3	11302.8	10732.1	10207.8	9391.2	8435.4	8607.0
35°	14411.6	14541.5	14504.4	14365.2	14290.9	14133.2	13576.4	12954.6	11929.2	10889.9	10611.5
32.5°	18991.2	19274.2	18745.3	18165.3	17808.0	17933.3	17367.2	15845.3	15372.0	13497.5	12629.8
30°	20346.0	20341.4	20072.3	19835.6	19543.3	19483.0	18415.8	17200.2	16040.2	14727.1	13632.1
27.5°	19933.1	19849.6	19622.2	19450.5	19176.8	19032.9	17988.9	17023.8	15682.9	14509.0	13451.1
25°	18341.6	18406.5	18174.5	18142.1	18035.3	17757.0	17237.3	16151.5	14954.4	13655.3	12894.3
22.5°	17520.3	17497.1	17218.7	17056.3	17186.2	16889.3	16680.5	15585.5	14337.3	13242.3	12328.3
20°	16184.0	16188.7	16119.1	16105.1	16026.3	15891.7	15724.7	14949.8	14068.2	13131.0	12031.3
17.5°	16931.0	17121.3	17204.8	16513.5	16708.3	16555.2	16378.9	15297.8	14634.3	13803.7	12370.0
15°	18026.1	17956.5	17872.9	17835.8	17729.1	17585.3	17265.1	16402.1	15260.7	14402.3	13284.1
12.5°	18081.7	17947.2	17914.7	17910.1	17798.7	17599.2	17288.3	16573.8	15562.3	14518.3	13608.9
10°	18202.4	18063.2	18044.6	18067.8	17896.1	17770.9	17460.0	16796.5	15655.1	14717.8	13859.4
7.5°	18397.3	18165.3	18272.0	18202.4	18123.5	17924.0	17589.9	16940.3	15993.8	14982.3	14082.1
5°	18448.3	18193.1	18309.1	18244.1	18128.1	17933.3	17571.4	17033.1	16202.6	15089.0	14170.3
2.5°	18323.0	18248.8	18197.7	18077.1	18026.1	17812.6	17469.3	16893.9	16105.1	15042.6	14151.7
0°	18193.1	18258.1	18142.1	18021.4	17998.2	17826.6	17534.2	17014.6	16332.5	15172.5	14309.5
-2.5°	18220.9	18169.9	18091.0	17965.7	17845.1	17599.2	17334.7	16847.5	16114.4	14889.5	14086.8
-5°	18220.9	17984.3	17993.6	17998.2	17877.6	17622.4	17302.2	16889.3	15984.5	14884.8	14021.8
-7.5°	17868.3	17664.2	17631.7	17603.8	17571.4	17334.7	17084.2	16569.1	15766.4	14764.2	13840.9
-10°	17348.6	17149.1	17167.7	17125.9	17023.8	16866.1	16675.9	16211.9	15553.0	14383.7	13474.3
-12.5°	16699.1	16610.9	16559.9	16490.3	16388.2	16249.0	16054.1	15618.0	14912.7	13915.1	13052.1
-15°	15928.8	15863.9	15817.5	15775.7	15627.2	15483.4	15228.2	14824.5	14383.7	13311.9	12430.3
-17.5°	15158.6	14996.2	14931.2	14875.6	14778.1	14546.1	14314.1	14012.5	13395.4	12546.3	11790.0
-20°	14170.3	14072.9	13994.0	13919.7	13780.5	13599.6	13409.4	13061.4	12527.8	11841.1	11056.9

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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°	13135.6	13079.9	13015.0	12922.2	12829.4	12657.7	12393.2	12059.1	11641.5	10899.2	10166.1
-25°	12068.4	11961.7	11882.8	11794.7	11720.4	11562.7	11307.5	10987.3	10463.0	9822.7	9210.2
-27.5°	10811.0	10708.9	10667.2	10565.1	10500.1	10356.3	10101.1	9804.1	9330.9	8792.6	8170.9
-30°	9391.2	9409.7	9363.3	9265.9	9187.0	9001.4	8806.6	8556.0	8184.8	7669.8	7113.0
-32.5°	8078.1	8101.3	8045.6	7943.5	7841.5	7706.9	7525.9	7298.6	7020.2	6528.4	6045.8
-35°	6765.0	6755.7	6709.3	6649.0	6579.4	6468.0	6263.9	6092.2	5772.1	5428.7	5094.6
-37.5°	5586.5	5609.7	5595.7	5563.3	5484.4	5391.6	5224.5	5066.8	4830.2	4528.6	4268.7
-40°	4653.8	4681.7	4663.1	4630.6	4561.0	4505.4	4394.0	4254.8	4064.6	3804.7	3586.7
-42.5°	3939.3	3957.8	3934.6	3906.8	3846.5	3804.7	3716.6	3600.6	3442.8	3243.3	3048.4
-45°	3373.2	3377.9	3354.7	3336.1	3289.7	3238.7	3164.4	3071.6	2946.3	2807.1	2649.4
-47.5°	2927.8	2923.1	2899.9	2881.4	2844.3	2797.9	2737.5	2654.0	2556.6	2449.9	2324.6
-50°	2538.0	2561.2	2552.0	2533.4	2505.6	2473.1	2412.8	2324.6	2227.2	2148.3	2060.1
-52.5°	2268.9	2273.6	2268.9	2268.9	2264.3	2241.1	2171.5	2083.3	1976.6	1907.0	1832.8
-55°	2018.4	2041.6	2050.8	2060.1	2064.8	2064.8	1981.2	1888.4	1786.4	1716.8	1661.1
-57.5°	1814.2	1828.1	1837.4	1860.6	1879.2	1893.1	1818.8	1735.3	1656.4	1591.5	1540.5
-60°	1637.9	1656.4	1670.4	1693.6	1707.5	1716.8	1670.4	1614.7	1568.3	1526.5	1452.3
-62.5°	1480.1	1494.1	1508.0	1521.9	1535.8	1545.1	1526.5	1498.7	1475.5	1456.9	1364.1
-65°	1322.4	1336.3	1350.2	1368.8	1382.7	1392.0	1387.3	1368.8	1350.2	1331.7	1248.1
-67.5°	1178.5	1192.5	1211.0	1215.7	1224.9	1229.6	1220.3	1206.4	1183.2	1160.0	1095.0
-70°	1025.4	1034.7	1044.0	1044.0	1044.0	1039.3	1030.1	1011.5	988.3	955.8	904.8
-72.5°	886.2	895.5	904.8	890.9	881.6	867.7	853.7	830.5	807.3	784.1	756.3
-75°	756.3	760.9	760.9	742.4	728.5	714.5	696.0	682.1	658.9	640.3	617.1
-77.5°	603.2	603.2	603.2	589.3	580.0	570.7	556.8	542.9	524.3	510.4	491.8
-80°	468.6	468.6	468.6	464.0	450.1	440.8	431.5	422.2	408.3	399.0	389.8
-82.5°	357.3	357.3	357.3	352.6	343.4	338.7	329.4	320.2	315.5	306.2	301.6
-85°	259.8	264.5	264.5	259.8	255.2	245.9	241.3	236.6	232.0	227.4	218.1
-87.5°	176.3	176.3	176.3	171.7	167.0	167.0	162.4	153.1	143.8	139.2	134.6
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	13.9	13.9	13.9	18.6	18.6	18.6	18.6	18.6	18.6	18.6	13.9
82.5°	23.2	23.2	27.8	27.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
80°	23.2	27.8	32.5	37.1	41.8	46.4	46.4	46.4	46.4	41.8	41.8
77.5°	27.8	27.8	32.5	37.1	41.8	46.4	51.0	55.7	51.0	51.0	51.0
75°	27.8	32.5	32.5	37.1	41.8	46.4	51.0	55.7	55.7	55.7	55.7
72.5°	23.2	27.8	32.5	37.1	37.1	41.8	46.4	46.4	51.0	51.0	55.7
70°	23.2	27.8	32.5	32.5	37.1	37.1	41.8	46.4	46.4	51.0	51.0
67.5°	27.8	32.5	32.5	37.1	41.8	41.8	41.8	46.4	46.4	51.0	51.0
65°	32.5	37.1	37.1	41.8	46.4	46.4	51.0	51.0	51.0	55.7	55.7
62.5°	55.7	55.7	55.7	51.0	55.7	55.7	55.7	60.3	60.3	55.7	60.3
60°	287.7	208.8	143.8	181.0	162.4	74.2	74.2	74.2	69.6	69.6	65.0
57.5°	677.4	631.0	542.9	459.4	413.0	366.6	227.4	92.8	92.8	83.5	74.2
55°	1132.1	979.0	914.1	802.7	682.1	626.4	519.7	352.6	167.0	111.4	97.4
52.5°	1753.9	1610.1	1443.0	1215.7	1053.3	923.3	835.2	663.5	445.4	236.6	148.5
50°	2347.8	2282.8	2180.8	1958.0	1619.3	1401.3	1257.4	1062.5	798.1	487.2	278.4
47.5°	3781.5	3238.7	2909.2	2737.5	2454.5	2041.6	1763.2	1545.1	1224.9	821.3	491.8
45°	4760.6	4417.2	3892.9	3531.0	3113.4	2677.2	2315.3	2064.8	1684.3	1229.6	770.2
42.5°	5600.4	5303.4	4830.2	4301.2	3860.4	3289.7	2825.7	2496.3	2176.1	1679.6	1150.7
40°	6681.5	6328.8	5874.1	5359.1	4844.1	4115.6	3363.9	2964.9	2612.3	2171.5	1554.4
37.5°	8463.2	7841.5	7099.1	6528.4	5855.6	5238.5	4208.4	3503.1	3085.5	2626.2	2027.6
35°	10606.8	9924.8	8685.9	7929.6	7029.5	6110.8	5182.8	4138.8	3544.9	3057.7	2463.8
32.5°	12602.0	11604.4	10017.6	9131.4	8532.8	6839.2	5878.8	4974.0	4018.2	3419.6	2714.3
30°	13154.2	12054.5	10917.7	9883.0	8862.2	7493.5	6356.7	5651.4	4612.1	3637.7	2951.0
27.5°	12597.4	11841.1	10959.5	9999.0	8894.7	7720.8	6649.0	5976.2	5048.2	3786.2	3136.6
25°	12031.3	11242.5	10625.4	9822.7	8801.9	7706.9	6658.3	6180.4	5386.9	4073.8	3238.7
22.5°	11432.7	10940.9	10430.5	9535.0	8569.9	7748.7	6959.9	6356.7	5563.3	4398.6	3280.4
20°	11465.2	11145.1	10583.6	9386.5	8528.2	7994.6	7321.8	6579.4	5753.5	4681.7	3312.9
17.5°	11984.9	11567.3	10862.0	9822.7	8904.0	8245.1	7623.4	6885.6	5948.4	4932.2	3707.3
15°	12625.2	11989.5	11251.8	10337.7	9298.4	8518.9	7855.4	7099.1	6171.1	5164.2	4059.9
12.5°	13089.2	12184.4	11493.1	10667.2	9725.3	8815.8	8008.5	7261.5	6379.9	5354.5	4324.4
10°	13247.0	12425.7	11609.1	10871.3	9943.3	8973.6	8124.5	7363.5	6560.8	5502.9	4519.3
7.5°	13330.5	12634.5	11687.9	10964.1	10073.3	9071.0	8217.3	7419.2	6704.7	5605.0	4644.6
5°	13321.2	12745.8	11748.3	10992.0	10142.9	9112.8	8282.2	7433.1	6806.8	5693.2	4718.8
2.5°	13279.4	12820.1	11845.7	11038.4	10282.0	9191.7	8407.5	7461.0	6843.9	5790.6	4769.8
0°	13432.6	12824.7	11947.8	11052.3	10374.8	9219.5	8463.2	7437.8	6792.8	5818.5	4765.2
-2.5°	13103.1	12551.0	11924.6	10931.6	10249.6	9154.6	8361.1	7363.5	6681.5	5786.0	4746.6
-5°	13047.4	12351.5	11729.7	10820.3	10040.8	9020.0	8170.9	7224.3	6505.2	5679.3	4672.4
-7.5°	12899.0	12161.2	11539.5	10732.1	9845.9	8880.8	7989.9	7080.5	6314.9	5512.2	4565.7
-10°	12574.2	11868.9	11335.3	10541.9	9609.3	8681.3	7771.9	6890.3	6092.2	5284.9	4398.6
-12.5°	12110.2	11404.9	10876.0	10138.2	9312.3	8412.2	7512.0	6644.4	5837.0	5043.6	4199.1
-15°	11585.9	10871.3	10342.4	9669.6	8871.5	7994.6	7182.6	6333.5	5544.7	4788.4	3962.5
-17.5°	10992.0	10314.5	9804.1	9149.9	8356.5	7521.3	6714.0	5943.7	5206.0	4523.9	3688.7
-20°	10305.2	9646.4	9177.8	8523.5	7795.1	6983.1	6198.9	5470.5	4807.0	4166.6	3387.1

REPORT NUMBER: P722443

CATALOG NUMBER: IFLD-L-SA7A-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°	9456.1	8876.2	8342.6	7757.9	7122.3	6379.9	5651.4	5006.5	4370.8	3744.4	3076.3
-25°	8588.5	8027.1	7507.4	6973.8	6366.0	5725.7	5103.9	4519.3	3897.5	3331.5	2774.7
-27.5°	7623.4	7122.3	6658.3	6166.4	5609.7	5057.5	4547.1	3976.4	3438.2	2955.6	2477.7
-30°	6593.3	6185.0	5781.3	5345.2	4895.1	4431.1	3976.4	3438.2	3015.9	2630.8	2227.2
-32.5°	5605.0	5238.5	4913.7	4588.9	4199.1	3818.6	3415.0	3015.9	2663.3	2324.6	1985.9
-35°	4737.4	4347.6	4166.6	3906.8	3595.9	3252.6	2923.1	2644.8	2361.7	2055.5	1753.9
-37.5°	3985.7	3735.1	3521.7	3326.8	3080.9	2783.9	2547.3	2320.0	2083.3	1804.9	1545.1
-40°	3396.4	3215.5	3002.0	2858.2	2658.7	2445.2	2208.6	2018.4	1818.8	1591.5	1378.1
-42.5°	2923.1	2774.7	2635.5	2482.4	2333.9	2152.9	1948.8	1767.8	1586.9	1419.8	1243.5
-45°	2533.4	2426.7	2315.3	2190.0	2060.1	1902.4	1735.3	1549.7	1419.8	1271.3	1122.9
-47.5°	2213.2	2134.4	2041.6	1944.1	1832.8	1693.6	1540.5	1405.9	1271.3	1146.1	1002.2
-50°	1958.0	1883.8	1809.6	1726.0	1628.6	1508.0	1392.0	1266.7	1141.4	1020.8	886.2
-52.5°	1744.6	1679.6	1619.3	1549.7	1456.9	1354.9	1248.1	1136.8	1020.8	900.1	793.4
-55°	1596.1	1521.9	1461.6	1392.0	1308.5	1211.0	1113.6	1011.5	900.1	807.3	719.2
-57.5°	1475.5	1392.0	1322.4	1248.1	1164.6	1081.1	992.9	900.1	816.6	728.5	644.9
-60°	1373.4	1276.0	1197.1	1122.9	1044.0	965.1	890.9	812.0	733.1	654.2	570.7
-62.5°	1266.7	1164.6	1067.2	997.6	937.3	867.7	802.7	728.5	658.9	580.0	519.7
-65°	1146.1	1048.6	955.8	895.5	839.8	779.5	719.2	654.2	593.9	533.6	477.9
-67.5°	1011.5	928.0	863.0	807.3	751.7	700.6	644.9	589.3	538.2	477.9	422.2
-70°	849.1	802.7	765.6	723.8	672.8	626.4	575.3	524.3	468.6	417.6	366.6
-72.5°	723.8	696.0	668.1	626.4	580.0	538.2	496.5	450.1	403.7	357.3	315.5
-75°	593.9	570.7	547.5	519.7	482.6	450.1	413.0	371.2	334.1	301.6	269.1
-77.5°	477.9	459.4	445.4	422.2	394.4	366.6	343.4	315.5	287.7	255.2	222.7
-80°	380.5	371.2	366.6	357.3	334.1	310.9	292.3	269.1	241.3	218.1	194.9
-82.5°	297.0	297.0	292.3	287.7	269.1	250.6	236.6	218.1	199.5	181.0	157.8
-85°	218.1	213.4	213.4	208.8	194.9	185.6	171.7	162.4	148.5	129.9	120.6
-87.5°	129.9	125.3	120.6	116.0	106.7	102.1	92.8	88.2	78.9	69.6	65.0
-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-L-SA7A-730-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	13.9	9.3	9.3	9.3	9.3	9.3	4.6	4.6	4.6	4.6	4.6
82.5°	27.8	27.8	23.2	23.2	18.6	13.9	9.3	9.3	9.3	4.6	4.6
80°	41.8	41.8	41.8	37.1	32.5	23.2	18.6	13.9	9.3	4.6	4.6
77.5°	51.0	46.4	46.4	41.8	41.8	37.1	27.8	23.2	13.9	9.3	4.6
75°	51.0	51.0	51.0	46.4	46.4	41.8	37.1	27.8	23.2	13.9	9.3
72.5°	55.7	51.0	51.0	51.0	46.4	41.8	37.1	32.5	27.8	18.6	9.3
70°	51.0	51.0	51.0	51.0	46.4	46.4	37.1	32.5	32.5	18.6	13.9
67.5°	51.0	51.0	51.0	46.4	46.4	41.8	37.1	32.5	32.5	23.2	13.9
65°	55.7	51.0	51.0	51.0	46.4	41.8	37.1	32.5	32.5	27.8	18.6
62.5°	60.3	55.7	55.7	51.0	46.4	41.8	37.1	32.5	32.5	27.8	18.6
60°	65.0	60.3	55.7	55.7	51.0	46.4	37.1	37.1	32.5	27.8	18.6
57.5°	69.6	65.0	65.0	60.3	55.7	51.0	41.8	37.1	32.5	27.8	23.2
55°	83.5	74.2	69.6	69.6	65.0	55.7	46.4	37.1	32.5	27.8	23.2
52.5°	111.4	88.2	78.9	78.9	74.2	65.0	51.0	41.8	32.5	27.8	23.2
50°	176.3	111.4	92.8	83.5	83.5	74.2	60.3	46.4	32.5	27.8	23.2
47.5°	278.4	185.6	111.4	97.4	92.8	88.2	69.6	46.4	37.1	27.8	23.2
45°	459.4	273.8	181.0	116.0	97.4	92.8	78.9	51.0	37.1	32.5	23.2
42.5°	631.0	426.9	278.4	139.2	116.0	102.1	83.5	55.7	41.8	32.5	23.2
40°	992.9	584.6	389.8	227.4	134.6	106.7	92.8	65.0	41.8	32.5	23.2
37.5°	1345.6	774.9	524.3	334.1	153.1	120.6	97.4	69.6	46.4	32.5	27.8
35°	1698.2	1085.7	649.6	445.4	204.2	143.8	102.1	74.2	46.4	32.5	27.8
32.5°	2013.7	1378.1	779.5	556.8	306.2	171.7	111.4	78.9	51.0	37.1	27.8
30°	2273.6	1647.2	1011.5	654.2	399.0	208.8	120.6	78.9	55.7	37.1	27.8
27.5°	2468.4	1856.0	1248.1	756.3	477.9	245.9	139.2	88.2	55.7	37.1	27.8
25°	2626.2	2018.4	1456.9	863.0	547.5	306.2	167.0	92.8	60.3	41.8	27.8
22.5°	2751.5	2152.9	1628.6	1006.9	631.0	366.6	204.2	102.1	60.3	41.8	27.8
20°	2923.1	2287.5	1744.6	1160.0	719.2	422.2	236.6	111.4	60.3	41.8	32.5
17.5°	3071.6	2422.0	1837.4	1289.9	807.3	464.0	273.8	120.6	65.0	41.8	32.5
15°	3243.3	2552.0	1920.9	1392.0	890.9	501.1	306.2	129.9	65.0	46.4	32.5
12.5°	3428.9	2672.6	1981.2	1475.5	979.0	533.6	334.1	148.5	69.6	46.4	32.5
10°	3619.1	2774.7	2032.3	1535.8	1044.0	566.1	352.6	167.0	74.2	46.4	32.5
7.5°	3809.4	2867.5	2097.2	1563.7	1071.8	603.2	361.9	185.6	74.2	51.0	32.5
5°	3939.3	2927.8	2190.0	1582.2	1085.7	644.9	375.8	208.8	78.9	51.0	32.5
2.5°	4050.6	2964.9	2287.5	1596.1	1090.4	668.1	371.2	222.7	83.5	51.0	32.5
0°	4101.7	2964.9	2352.4	1586.9	1076.5	691.3	371.2	236.6	83.5	51.0	32.5
-2.5°	4022.8	3048.4	2333.9	1591.5	1081.1	691.3	389.8	241.3	92.8	55.7	32.5
-5°	3897.5	3080.9	2278.2	1568.3	1071.8	691.3	413.0	245.9	97.4	55.7	37.1
-7.5°	3776.9	3094.8	2213.2	1545.1	1057.9	672.8	417.6	241.3	106.7	60.3	37.1
-10°	3619.1	2941.7	2129.7	1503.3	1030.1	658.9	426.9	241.3	111.4	60.3	37.1
-12.5°	3438.2	2756.1	2027.6	1443.0	997.6	644.9	431.5	241.3	116.0	65.0	37.1
-15°	3229.4	2565.9	1911.6	1378.1	951.2	626.4	422.2	236.6	120.6	65.0	41.8
-17.5°	2992.7	2380.3	1791.0	1299.2	900.1	603.2	403.7	232.0	120.6	65.0	41.8
-20°	2723.6	2194.7	1656.4	1220.3	839.8	575.3	385.1	222.7	120.6	65.0	41.8

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CATALOG NUMBER: IFLD-L-SA7A-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°	2482.4	2023.0	1517.3	1132.1	774.9	542.9	361.9	213.4	120.6	69.6	41.8
-25°	2282.8	1856.0	1410.5	1044.0	705.3	505.8	338.7	204.2	120.6	69.6	41.8
-27.5°	2074.0	1675.0	1299.2	960.5	658.9	473.3	315.5	194.9	116.0	69.6	41.8
-30°	1860.6	1498.7	1183.2	867.7	612.5	440.8	297.0	181.0	116.0	69.6	41.8
-32.5°	1665.7	1354.9	1076.5	774.9	561.4	408.3	278.4	176.3	111.4	69.6	41.8
-35°	1475.5	1224.9	965.1	700.6	505.8	375.8	259.8	171.7	111.4	69.6	41.8
-37.5°	1317.7	1104.3	863.0	649.6	473.3	348.0	241.3	162.4	106.7	69.6	41.8
-40°	1187.8	992.9	765.6	593.9	445.4	320.2	222.7	157.8	106.7	69.6	41.8
-42.5°	1067.2	886.2	705.3	547.5	417.6	301.6	208.8	153.1	102.1	69.6	41.8
-45°	960.5	793.4	644.9	505.8	385.1	278.4	199.5	143.8	97.4	69.6	46.4
-47.5°	853.7	728.5	589.3	468.6	352.6	250.6	190.2	139.2	92.8	65.0	46.4
-50°	770.2	658.9	542.9	426.9	320.2	241.3	181.0	129.9	92.8	65.0	46.4
-52.5°	696.0	593.9	491.8	385.1	292.3	227.4	171.7	120.6	88.2	65.0	46.4
-55°	626.4	533.6	440.8	343.4	273.8	213.4	157.8	111.4	88.2	65.0	46.4
-57.5°	556.8	477.9	389.8	310.9	250.6	199.5	148.5	111.4	88.2	65.0	46.4
-60°	501.1	426.9	352.6	287.7	232.0	181.0	134.6	106.7	83.5	65.0	46.4
-62.5°	454.7	385.1	320.2	259.8	213.4	162.4	129.9	106.7	83.5	65.0	41.8
-65°	408.3	348.0	287.7	236.6	190.2	153.1	125.3	102.1	83.5	65.0	41.8
-67.5°	361.9	306.2	259.8	208.8	176.3	148.5	120.6	102.1	78.9	60.3	41.8
-70°	315.5	269.1	227.4	194.9	167.0	139.2	116.0	97.4	78.9	55.7	37.1
-72.5°	278.4	236.6	204.2	181.0	157.8	134.6	111.4	92.8	74.2	51.0	32.5
-75°	236.6	208.8	185.6	162.4	143.8	125.3	106.7	83.5	65.0	46.4	32.5
-77.5°	199.5	181.0	162.4	148.5	129.9	111.4	92.8	74.2	60.3	41.8	27.8
-80°	171.7	157.8	143.8	129.9	116.0	97.4	83.5	65.0	51.0	37.1	23.2
-82.5°	139.2	129.9	116.0	106.7	97.4	83.5	69.6	55.7	37.1	27.8	18.6
-85°	106.7	97.4	92.8	83.5	74.2	60.3	46.4	37.1	27.8	18.6	9.3
-87.5°	55.7	51.0	46.4	41.8	37.1	27.8	23.2	18.6	13.9	9.3	4.6
-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: P722443

CATALOG NUMBER: IFLD-L-SA7A-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°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	9.3	4.6	0.0	0.0
65°	9.3	4.6	0.0	0.0
62.5°	9.3	4.6	0.0	0.0
60°	9.3	4.6	0.0	0.0
57.5°	13.9	4.6	4.6	0.0
55°	13.9	4.6	4.6	0.0
52.5°	13.9	4.6	4.6	0.0
50°	13.9	9.3	4.6	0.0
47.5°	13.9	9.3	4.6	0.0
45°	13.9	9.3	4.6	0.0
42.5°	13.9	9.3	4.6	0.0
40°	18.6	9.3	4.6	0.0
37.5°	18.6	9.3	4.6	0.0
35°	18.6	9.3	4.6	0.0
32.5°	18.6	9.3	4.6	0.0
30°	18.6	9.3	4.6	0.0
27.5°	18.6	13.9	4.6	0.0
25°	18.6	13.9	4.6	0.0
22.5°	23.2	13.9	4.6	0.0
20°	23.2	13.9	4.6	0.0
17.5°	23.2	13.9	4.6	0.0
15°	23.2	13.9	4.6	0.0
12.5°	23.2	13.9	4.6	0.0
10°	23.2	13.9	4.6	0.0
7.5°	23.2	13.9	4.6	0.0
5°	23.2	13.9	4.6	0.0
2.5°	23.2	13.9	4.6	0.0
0°	23.2	13.9	4.6	0.0
-2.5°	23.2	13.9	4.6	0.0
-5°	23.2	13.9	4.6	0.0
-7.5°	23.2	13.9	4.6	0.0
-10°	23.2	13.9	4.6	0.0
-12.5°	27.8	13.9	4.6	0.0
-15°	27.8	13.9	4.6	0.0
-17.5°	27.8	13.9	4.6	0.0
-20°	27.8	13.9	4.6	0.0



REPORT NUMBER: P722443

CATALOG NUMBER: IFLD-L-SA7A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.8	13.9	4.6	0.0
-25°	27.8	13.9	4.6	0.0
-27.5°	27.8	13.9	4.6	0.0
-30°	27.8	13.9	4.6	0.0
-32.5°	27.8	13.9	4.6	0.0
-35°	27.8	13.9	4.6	0.0
-37.5°	27.8	13.9	4.6	0.0
-40°	27.8	13.9	4.6	0.0
-42.5°	23.2	13.9	4.6	0.0
-45°	27.8	13.9	4.6	0.0
-47.5°	27.8	13.9	4.6	0.0
-50°	27.8	13.9	4.6	0.0
-52.5°	27.8	13.9	4.6	0.0
-55°	27.8	13.9	4.6	0.0
-57.5°	27.8	13.9	4.6	0.0
-60°	27.8	13.9	4.6	0.0
-62.5°	23.2	13.9	4.6	0.0
-65°	23.2	9.3	4.6	0.0
-67.5°	23.2	9.3	4.6	0.0
-70°	23.2	9.3	4.6	0.0
-72.5°	18.6	9.3	4.6	0.0
-75°	18.6	9.3	4.6	0.0
-77.5°	13.9	4.6	0.0	0.0
-80°	13.9	4.6	0.0	0.0
-82.5°	9.3	4.6	0.0	0.0
-85°	4.6	4.6	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)