

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: P722648

Luminaire Tested: **IFLD-L-SA7C-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722648
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28698.2 lumens	Max Intensity:	20034.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	77.8 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:	18308.2 lumens	Field Lumens:	27055.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

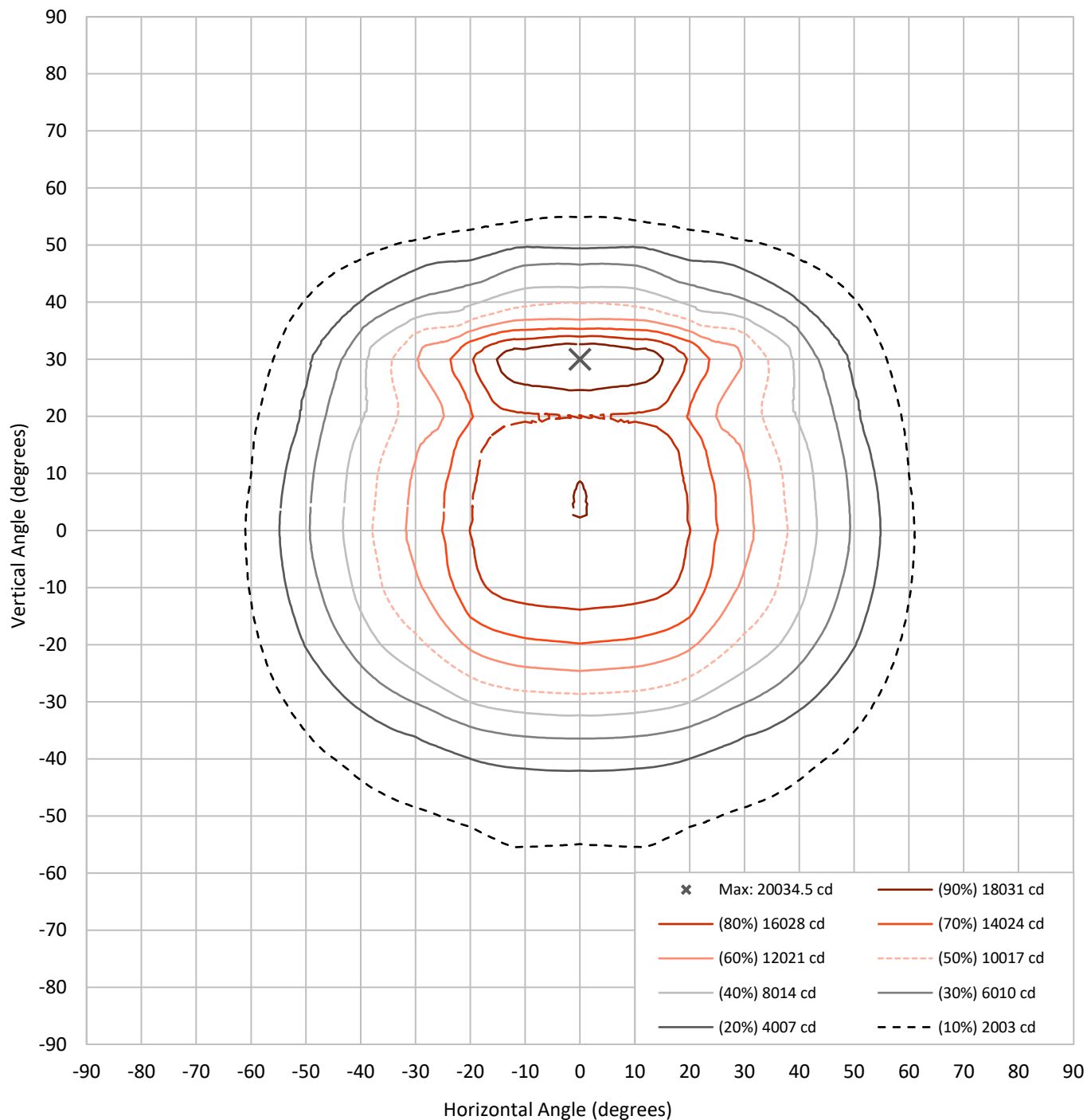
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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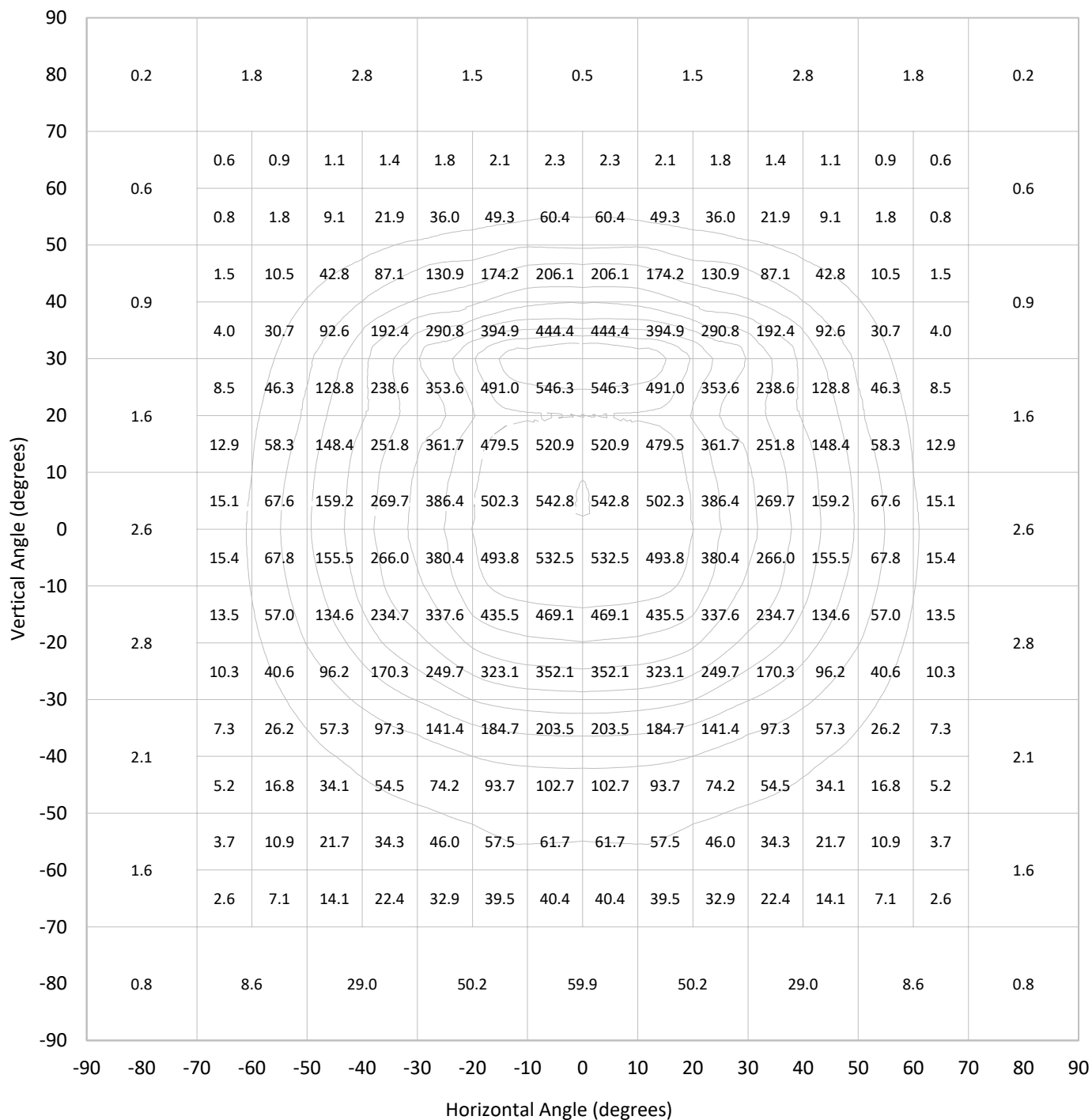
Iso-Candela Plot



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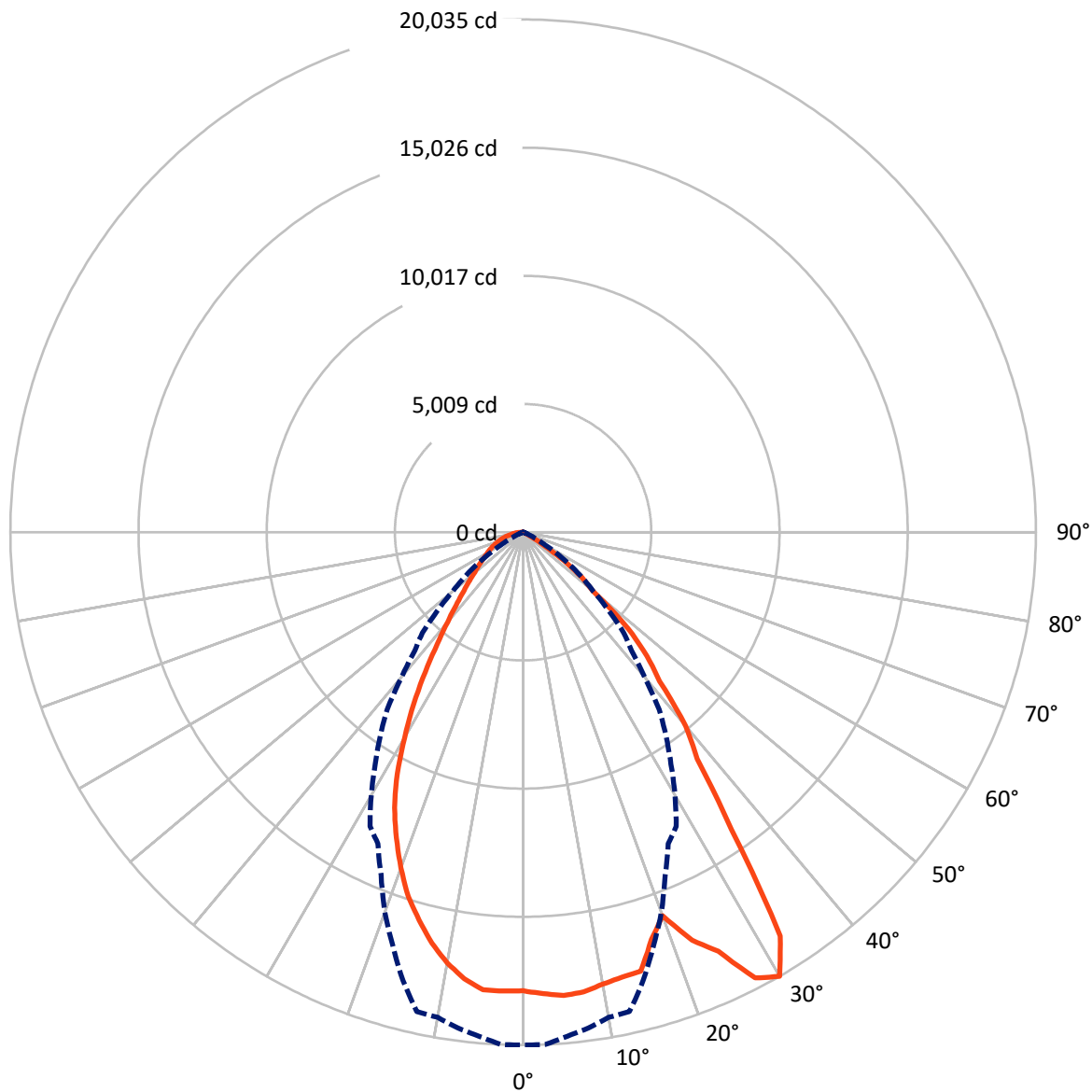
Lumen Table



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Luminous Intensity Polar Plot

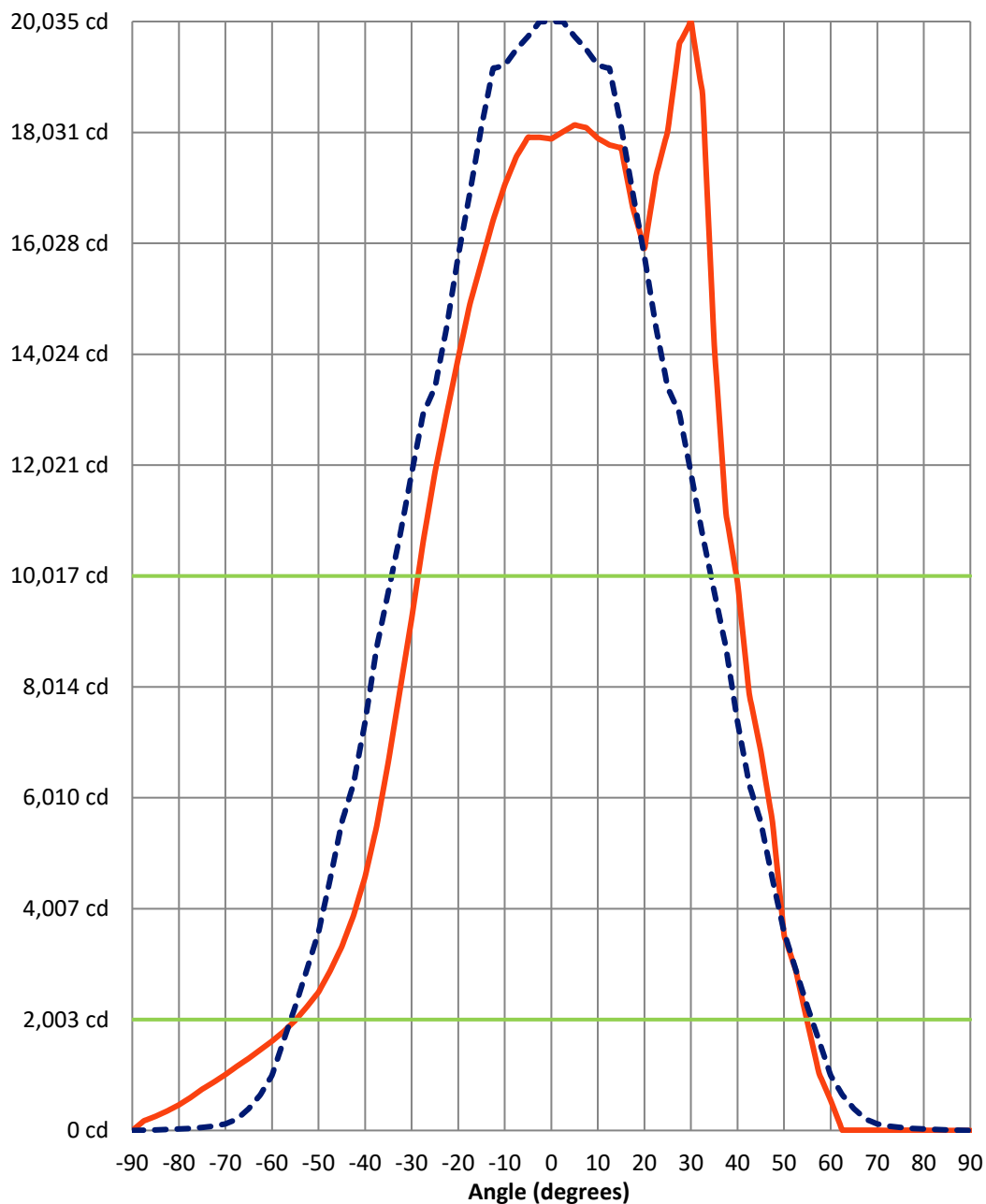


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18308.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27055.9

Efficiency: 94.3%

Spill:

Lumens: 1642.2

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	9.1	9.1	9.1	9.1	9.1	9.1	13.7
82.5°	0.0	4.6	4.6	4.6	9.1	9.1	9.1	9.1	13.7	13.7	18.3
80°	4.6	4.6	4.6	4.6	9.1	9.1	9.1	13.7	13.7	18.3	18.3
77.5°	4.6	4.6	4.6	9.1	9.1	9.1	13.7	13.7	18.3	18.3	22.8
75°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	22.8
72.5°	0.0	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	18.3
70°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	13.7	18.3	18.3	18.3
67.5°	4.6	4.6	4.6	9.1	9.1	13.7	13.7	18.3	18.3	18.3	22.8
65°	4.6	4.6	4.6	9.1	13.7	13.7	18.3	22.8	22.8	27.4	32.0
62.5°	4.6	9.1	9.1	13.7	18.3	22.8	50.3	77.7	77.7	54.8	45.7
60°	543.7	589.4	584.8	530.0	461.5	388.4	374.6	360.9	333.5	292.4	306.1
57.5°	1032.6	1087.4	1110.2	1096.5	1060.0	996.0	959.5	918.3	863.5	799.6	726.5
55°	1955.5	1978.3	1928.1	1832.1	1727.0	1622.0	1585.4	1530.6	1448.3	1366.1	1256.4
52.5°	2892.1	2969.8	2946.9	2851.0	2709.3	2522.0	2316.4	2156.5	2060.6	1969.2	1859.5
50°	3531.7	3563.7	3627.7	3741.9	3783.0	3655.1	3321.6	2892.1	2586.0	2741.3	2622.5
47.5°	5574.0	5733.9	5702.0	5619.7	5482.6	5135.4	4669.4	4285.6	3965.8	3860.7	3879.0
45°	6848.7	6912.7	6889.9	6853.3	6789.3	6465.0	5948.7	5359.3	5062.3	4943.5	4820.2
42.5°	7895.0	7963.5	7977.3	7981.8	7913.3	7616.3	7150.3	6560.9	6263.9	5921.3	5651.7
40°	9891.6	9992.1	9877.9	9727.1	9498.7	9160.6	8703.7	8160.0	7634.6	7214.3	6894.4
37.5°	11166.3	11289.7	11335.4	11326.2	11276.0	11129.8	10567.8	10051.5	9247.4	8306.2	8475.3
35°	14190.9	14318.8	14282.3	14145.2	14072.1	13916.8	13368.5	12756.3	11746.6	10723.1	10449.0
32.5°	18700.4	18979.1	18458.2	17887.1	17535.3	17658.7	17101.3	15602.7	15136.7	13290.9	12436.5
30°	20034.5	20029.9	19764.9	19531.9	19244.1	19184.7	18133.9	16936.8	15794.6	14501.6	13423.4
27.5°	19627.9	19545.6	19321.8	19152.7	18883.2	18741.5	17713.5	16763.2	15442.8	14286.9	13245.2
25°	18060.8	18124.7	17896.3	17864.3	17759.2	17485.1	16973.4	15904.2	14725.5	13446.2	12696.9
22.5°	17252.1	17229.2	16955.1	16795.2	16923.1	16630.7	16425.1	15346.8	14117.8	13039.6	12139.5
20°	15936.2	15940.8	15872.3	15858.6	15780.9	15648.4	15483.9	14720.9	13852.8	12929.9	11847.1
17.5°	16671.8	16859.1	16941.4	16260.6	16452.5	16301.7	16128.1	15063.6	14410.2	13592.4	12180.6
15°	17750.1	17681.5	17599.3	17562.8	17457.7	17316.0	17000.8	16151.0	15027.0	14181.8	13080.7
12.5°	17804.9	17672.4	17640.4	17635.9	17526.2	17329.7	17023.6	16320.0	15324.0	14296.0	13400.5
10°	17923.7	17786.6	17768.3	17791.2	17622.1	17498.8	17192.7	16539.3	15415.4	14492.5	13647.2
7.5°	18115.6	17887.1	17992.2	17923.7	17846.0	17649.6	17320.6	16681.0	15748.9	14752.9	13866.5
5°	18165.8	17914.6	18028.8	17964.8	17850.6	17658.7	17302.3	16772.3	15954.5	14858.0	13953.3
2.5°	18042.5	17969.4	17919.1	17800.3	17750.1	17539.9	17201.8	16635.3	15858.6	14812.3	13935.1
0°	17914.6	17978.5	17864.3	17745.5	17722.7	17553.6	17265.8	16754.1	16082.4	14940.2	14090.4
-2.5°	17942.0	17891.7	17814.0	17690.7	17571.9	17329.7	17069.3	16589.6	15867.7	14661.5	13871.1
-5°	17942.0	17709.0	17718.1	17722.7	17603.9	17352.6	17037.3	16630.7	15739.8	14656.9	13807.1
-7.5°	17594.7	17393.7	17361.7	17334.3	17302.3	17069.3	16822.6	16315.4	15525.0	14538.2	13628.9
-10°	17083.0	16886.6	16904.8	16863.7	16763.2	16607.9	16420.5	15963.6	15314.9	14163.5	13268.0
-12.5°	16443.4	16356.6	16306.3	16237.8	16137.3	16000.2	15808.3	15378.8	14684.4	13702.1	12852.2
-15°	15684.9	15621.0	15575.3	15534.2	15388.0	15246.3	14995.0	14597.6	14163.5	13108.1	12240.0
-17.5°	14926.5	14766.6	14702.6	14647.8	14551.9	14323.4	14095.0	13798.0	13190.3	12354.2	11609.5
-20°	13953.3	13857.4	13779.7	13706.6	13569.6	13391.4	13204.0	12861.4	12336.0	11659.8	10887.6

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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°	12934.5	12879.7	12815.7	12724.3	12632.9	12463.9	12203.5	11874.5	11463.3	10732.3	10010.4
-25°	11883.6	11778.6	11700.9	11614.1	11541.0	11385.6	11134.3	10819.1	10302.8	9672.3	9069.2
-27.5°	10645.5	10545.0	10503.8	10403.3	10339.4	10197.7	9946.4	9654.0	9188.0	8658.0	8045.8
-30°	9247.4	9265.7	9220.0	9124.0	9046.4	8863.6	8671.7	8425.0	8059.5	7552.3	7004.1
-32.5°	7954.4	7977.3	7922.4	7821.9	7721.4	7588.9	7410.7	7186.8	6912.7	6428.4	5953.2
-35°	6661.4	6652.3	6606.6	6547.2	6478.7	6369.0	6168.0	5998.9	5683.7	5345.6	5016.6
-37.5°	5500.9	5523.8	5510.1	5478.1	5400.4	5309.0	5144.6	4989.2	4756.2	4459.2	4203.4
-40°	4582.6	4610.0	4591.7	4559.7	4491.2	4436.4	4326.7	4189.7	4002.3	3746.5	3531.7
-42.5°	3879.0	3897.2	3874.4	3847.0	3787.6	3746.5	3659.7	3545.4	3390.1	3193.6	3001.7
-45°	3321.6	3326.1	3303.3	3285.0	3239.3	3189.1	3116.0	3024.6	2901.2	2764.2	2608.8
-47.5°	2883.0	2878.4	2855.5	2837.3	2800.7	2755.0	2695.6	2613.4	2517.4	2412.4	2289.0
-50°	2499.2	2522.0	2512.9	2494.6	2467.2	2435.2	2375.8	2289.0	2193.1	2115.4	2028.6
-52.5°	2234.2	2238.7	2234.2	2234.2	2229.6	2206.8	2138.2	2051.4	1946.3	1877.8	1804.7
-55°	1987.5	2010.3	2019.4	2028.6	2033.1	2033.1	1950.9	1859.5	1759.0	1690.5	1635.7
-57.5°	1786.4	1800.1	1809.3	1832.1	1850.4	1864.1	1791.0	1708.8	1631.1	1567.1	1516.9
-60°	1612.8	1631.1	1644.8	1667.6	1681.3	1690.5	1644.8	1590.0	1544.3	1503.2	1430.1
-62.5°	1457.5	1471.2	1484.9	1498.6	1512.3	1521.4	1503.2	1475.7	1452.9	1434.6	1343.2
-65°	1302.1	1315.8	1329.5	1347.8	1361.5	1370.7	1366.1	1347.8	1329.5	1311.3	1229.0
-67.5°	1160.5	1174.2	1192.5	1197.0	1206.2	1210.8	1201.6	1187.9	1165.1	1142.2	1078.3
-70°	1009.7	1018.9	1028.0	1028.0	1028.0	1023.4	1014.3	996.0	973.2	941.2	890.9
-72.5°	872.7	881.8	890.9	877.2	868.1	854.4	840.7	817.8	795.0	772.1	744.7
-75°	744.7	749.3	749.3	731.0	717.3	703.6	685.3	671.6	648.8	630.5	607.7
-77.5°	594.0	594.0	594.0	580.2	571.1	562.0	548.3	534.6	516.3	502.6	484.3
-80°	461.5	461.5	461.5	456.9	443.2	434.0	424.9	415.8	402.1	392.9	383.8
-82.5°	351.8	351.8	351.8	347.2	338.1	333.5	324.4	315.3	310.7	301.5	297.0
-85°	255.9	260.4	260.4	255.9	251.3	242.2	237.6	233.0	228.4	223.9	214.7
-87.5°	173.6	173.6	173.6	169.0	164.5	164.5	159.9	150.8	141.6	137.1	132.5
-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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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°	13.7	13.7	13.7	18.3	18.3	18.3	18.3	18.3	18.3	18.3	13.7
82.5°	22.8	22.8	27.4	27.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0
80°	22.8	27.4	32.0	36.6	41.1	45.7	45.7	45.7	45.7	41.1	41.1
77.5°	27.4	27.4	32.0	36.6	41.1	45.7	50.3	54.8	50.3	50.3	50.3
75°	27.4	32.0	32.0	36.6	41.1	45.7	50.3	54.8	54.8	54.8	54.8
72.5°	22.8	27.4	32.0	36.6	36.6	41.1	45.7	45.7	50.3	50.3	54.8
70°	22.8	27.4	32.0	32.0	36.6	36.6	41.1	45.7	45.7	50.3	50.3
67.5°	27.4	32.0	32.0	36.6	41.1	41.1	41.1	45.7	45.7	50.3	50.3
65°	32.0	36.6	36.6	41.1	45.7	45.7	50.3	50.3	50.3	54.8	54.8
62.5°	54.8	54.8	54.8	50.3	54.8	54.8	54.8	59.4	59.4	54.8	59.4
60°	283.3	205.6	141.6	178.2	159.9	73.1	73.1	73.1	68.5	68.5	64.0
57.5°	667.1	621.4	534.6	452.3	406.6	360.9	223.9	91.4	91.4	82.2	73.1
55°	1114.8	964.0	900.1	790.4	671.6	616.8	511.7	347.2	164.5	109.7	95.9
52.5°	1727.0	1585.4	1420.9	1197.0	1037.1	909.2	822.4	653.3	438.6	233.0	146.2
50°	2311.9	2247.9	2147.4	1928.1	1594.5	1379.8	1238.2	1046.3	785.8	479.7	274.1
47.5°	3723.6	3189.1	2864.7	2695.6	2416.9	2010.3	1736.2	1521.4	1206.2	808.7	484.3
45°	4687.7	4349.6	3833.3	3476.9	3065.7	2636.2	2279.9	2033.1	1658.5	1210.8	758.4
42.5°	5514.6	5222.2	4756.2	4235.3	3801.3	3239.3	2782.4	2458.1	2142.8	1653.9	1133.1
40°	6579.2	6231.9	5784.2	5277.0	4769.9	4052.6	3312.4	2919.5	2572.3	2138.2	1530.6
37.5°	8333.6	7721.4	6990.4	6428.4	5765.9	5158.3	4144.0	3449.5	3038.3	2586.0	1996.6
35°	10444.4	9772.8	8552.9	7808.2	6921.8	6017.2	5103.4	4075.4	3490.6	3010.9	2426.1
32.5°	12409.1	11426.8	9864.2	8991.5	8402.2	6734.5	5788.8	4897.8	3956.6	3367.3	2672.8
30°	12952.8	11869.9	10750.6	9731.7	8726.5	7378.7	6259.4	5564.9	4541.5	3582.0	2905.8
27.5°	12404.5	11659.8	10791.7	9845.9	8758.5	7602.6	6547.2	5884.7	4970.9	3728.2	3088.6
25°	11847.1	11070.4	10462.7	9672.3	8667.2	7588.9	6556.3	6085.7	5304.5	4011.5	3189.1
22.5°	11257.7	10773.4	10270.8	9389.0	8438.7	7630.0	6853.3	6259.4	5478.1	4331.3	3230.2
20°	11289.7	10974.4	10421.6	9242.8	8397.6	7872.2	7209.7	6478.7	5665.4	4610.0	3262.2
17.5°	11801.4	11390.2	10695.7	9672.3	8767.7	8118.9	7506.7	6780.2	5857.3	4856.7	3650.5
15°	12431.9	11806.0	11079.5	10179.5	9156.0	8388.5	7735.1	6990.4	6076.6	5085.2	3997.8
12.5°	12888.8	11997.9	11317.1	10503.8	9576.4	8680.9	7885.9	7150.3	6282.2	5272.5	4258.2
10°	13044.1	12235.4	11431.3	10704.9	9791.1	8836.2	8000.1	7250.8	6460.4	5418.7	4450.1
7.5°	13126.4	12441.0	11509.0	10796.2	9919.0	8932.1	8091.5	7305.6	6602.0	5519.2	4573.4
5°	13117.2	12550.7	11568.4	10823.7	9987.6	8973.3	8155.4	7319.3	6702.5	5606.0	4646.5
2.5°	13076.1	12623.8	11664.3	10869.4	10124.6	9050.9	8278.8	7346.7	6739.1	5702.0	4696.8
0°	13226.9	12628.4	11764.8	10883.1	10216.0	9078.4	8333.6	7323.9	6688.8	5729.4	4692.2
-2.5°	12902.5	12358.8	11742.0	10764.3	10092.6	9014.4	8233.1	7250.8	6579.2	5697.4	4674.0
-5°	12847.7	12162.3	11550.1	10654.6	9887.0	8881.9	8045.8	7113.7	6405.6	5592.3	4600.9
-7.5°	12701.5	11975.0	11362.8	10567.8	9695.1	8744.8	7867.6	6972.1	6218.2	5427.8	4495.8
-10°	12381.6	11687.2	11161.8	10380.5	9462.1	8548.4	7652.9	6784.8	5998.9	5203.9	4331.3
-12.5°	11924.8	11230.3	10709.4	9983.0	9169.7	8283.4	7397.0	6542.6	5747.6	4966.4	4134.8
-15°	11408.5	10704.9	10184.0	9521.5	8735.7	7872.2	7072.6	6236.5	5459.8	4715.1	3901.8
-17.5°	10823.7	10156.6	9654.0	9009.8	8228.5	7406.1	6611.2	5852.7	5126.3	4454.7	3632.3
-20°	10147.5	9498.7	9037.2	8393.0	7675.7	6876.2	6104.0	5386.7	4733.4	4102.8	3335.3

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CATALOG NUMBER: IFLD-L-SA7C-927-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°	9311.4	8740.3	8214.8	7639.2	7013.2	6282.2	5564.9	4929.8	4303.9	3687.1	3029.2
-25°	8457.0	7904.2	7392.4	6867.0	6268.5	5638.0	5025.8	4450.1	3837.9	3280.5	2732.2
-27.5°	7506.7	7013.2	6556.3	6072.0	5523.8	4980.1	4477.5	3915.5	3385.5	2910.4	2439.8
-30°	6492.4	6090.3	5692.8	5263.3	4820.2	4363.3	3915.5	3385.5	2969.8	2590.6	2193.1
-32.5°	5519.2	5158.3	4838.4	4518.6	4134.8	3760.2	3362.7	2969.8	2622.5	2289.0	1955.5
-35°	4664.8	4281.0	4102.8	3847.0	3540.9	3202.8	2878.4	2604.3	2325.6	2024.0	1727.0
-37.5°	3924.7	3677.9	3467.8	3275.9	3033.7	2741.3	2508.3	2284.4	2051.4	1777.3	1521.4
-40°	3344.4	3166.2	2956.1	2814.4	2618.0	2407.8	2174.8	1987.5	1791.0	1567.1	1357.0
-42.5°	2878.4	2732.2	2595.1	2444.3	2298.1	2120.0	1918.9	1740.7	1562.6	1398.1	1224.5
-45°	2494.6	2389.5	2279.9	2156.5	2028.6	1873.2	1708.8	1526.0	1398.1	1251.9	1105.7
-47.5°	2179.4	2101.7	2010.3	1914.4	1804.7	1667.6	1516.9	1384.4	1251.9	1128.5	986.9
-50°	1928.1	1855.0	1781.9	1699.6	1603.7	1484.9	1370.7	1247.3	1123.9	1005.2	872.7
-52.5°	1717.9	1653.9	1594.5	1526.0	1434.6	1334.1	1229.0	1119.4	1005.2	886.4	781.3
-55°	1571.7	1498.6	1439.2	1370.7	1288.4	1192.5	1096.5	996.0	886.4	795.0	708.2
-57.5°	1452.9	1370.7	1302.1	1229.0	1146.8	1064.5	977.7	886.4	804.1	717.3	635.1
-60°	1352.4	1256.4	1178.8	1105.7	1028.0	950.3	877.2	799.6	721.9	644.2	562.0
-62.5°	1247.3	1146.8	1050.8	982.3	922.9	854.4	790.4	717.3	648.8	571.1	511.7
-65°	1128.5	1032.6	941.2	881.8	827.0	767.6	708.2	644.2	584.8	525.4	470.6
-67.5°	996.0	913.8	849.8	795.0	740.2	689.9	635.1	580.2	530.0	470.6	415.8
-70°	836.1	790.4	753.9	712.7	662.5	616.8	566.5	516.3	461.5	411.2	360.9
-72.5°	712.7	685.3	657.9	616.8	571.1	530.0	488.9	443.2	397.5	351.8	310.7
-75°	584.8	562.0	539.1	511.7	475.2	443.2	406.6	365.5	329.0	297.0	265.0
-77.5°	470.6	452.3	438.6	415.8	388.4	360.9	338.1	310.7	283.3	251.3	219.3
-80°	374.6	365.5	360.9	351.8	329.0	306.1	287.8	265.0	237.6	214.7	191.9
-82.5°	292.4	292.4	287.8	283.3	265.0	246.7	233.0	214.7	196.5	178.2	155.3
-85°	214.7	210.2	210.2	205.6	191.9	182.8	169.0	159.9	146.2	127.9	118.8
-87.5°	127.9	123.4	118.8	114.2	105.1	100.5	91.4	86.8	77.7	68.5	64.0
-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-SA7C-927-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°	13.7	9.1	9.1	9.1	9.1	9.1	4.6	4.6	4.6	4.6	4.6
82.5°	27.4	27.4	22.8	22.8	18.3	13.7	9.1	9.1	9.1	4.6	4.6
80°	41.1	41.1	41.1	36.6	32.0	22.8	18.3	13.7	9.1	4.6	4.6
77.5°	50.3	45.7	45.7	41.1	41.1	36.6	27.4	22.8	13.7	9.1	4.6
75°	50.3	50.3	50.3	45.7	45.7	41.1	36.6	27.4	22.8	13.7	9.1
72.5°	54.8	50.3	50.3	50.3	45.7	41.1	36.6	32.0	27.4	18.3	9.1
70°	50.3	50.3	50.3	50.3	45.7	45.7	36.6	32.0	32.0	18.3	13.7
67.5°	50.3	50.3	50.3	45.7	45.7	41.1	36.6	32.0	32.0	22.8	13.7
65°	54.8	50.3	50.3	50.3	45.7	41.1	36.6	32.0	32.0	27.4	18.3
62.5°	59.4	54.8	54.8	50.3	45.7	41.1	36.6	32.0	32.0	27.4	18.3
60°	64.0	59.4	54.8	54.8	50.3	45.7	36.6	36.6	32.0	27.4	18.3
57.5°	68.5	64.0	64.0	59.4	54.8	50.3	41.1	36.6	32.0	27.4	22.8
55°	82.2	73.1	68.5	68.5	64.0	54.8	45.7	36.6	32.0	27.4	22.8
52.5°	109.7	86.8	77.7	77.7	73.1	64.0	50.3	41.1	32.0	27.4	22.8
50°	173.6	109.7	91.4	82.2	82.2	73.1	59.4	45.7	32.0	27.4	22.8
47.5°	274.1	182.8	109.7	95.9	91.4	86.8	68.5	45.7	36.6	27.4	22.8
45°	452.3	269.6	178.2	114.2	95.9	91.4	77.7	50.3	36.6	32.0	22.8
42.5°	621.4	420.3	274.1	137.1	114.2	100.5	82.2	54.8	41.1	32.0	22.8
40°	977.7	575.7	383.8	223.9	132.5	105.1	91.4	64.0	41.1	32.0	22.8
37.5°	1325.0	763.0	516.3	329.0	150.8	118.8	95.9	68.5	45.7	32.0	27.4
35°	1672.2	1069.1	639.6	438.6	201.0	141.6	100.5	73.1	45.7	32.0	27.4
32.5°	1982.9	1357.0	767.6	548.3	301.5	169.0	109.7	77.7	50.3	36.6	27.4
30°	2238.7	1622.0	996.0	644.2	392.9	205.6	118.8	77.7	54.8	36.6	27.4
27.5°	2430.6	1827.5	1229.0	744.7	470.6	242.2	137.1	86.8	54.8	36.6	27.4
25°	2586.0	1987.5	1434.6	849.8	539.1	301.5	164.5	91.4	59.4	41.1	27.4
22.5°	2709.3	2120.0	1603.7	991.4	621.4	360.9	201.0	100.5	59.4	41.1	27.4
20°	2878.4	2252.5	1717.9	1142.2	708.2	415.8	233.0	109.7	59.4	41.1	32.0
17.5°	3024.6	2385.0	1809.3	1270.1	795.0	456.9	269.6	118.8	64.0	41.1	32.0
15°	3193.6	2512.9	1891.5	1370.7	877.2	493.4	301.5	127.9	64.0	45.7	32.0
12.5°	3376.4	2631.7	1950.9	1452.9	964.0	525.4	329.0	146.2	68.5	45.7	32.0
10°	3563.7	2732.2	2001.2	1512.3	1028.0	557.4	347.2	164.5	73.1	45.7	32.0
7.5°	3751.0	2823.6	2065.1	1539.7	1055.4	594.0	356.4	182.8	73.1	50.3	32.0
5°	3879.0	2883.0	2156.5	1558.0	1069.1	635.1	370.1	205.6	77.7	50.3	32.0
2.5°	3988.6	2919.5	2252.5	1571.7	1073.7	657.9	365.5	219.3	82.2	50.3	32.0
0°	4038.9	2919.5	2316.4	1562.6	1060.0	680.8	365.5	233.0	82.2	50.3	32.0
-2.5°	3961.2	3001.7	2298.1	1567.1	1064.5	680.8	383.8	237.6	91.4	54.8	32.0
-5°	3837.9	3033.7	2243.3	1544.3	1055.4	680.8	406.6	242.2	95.9	54.8	36.6
-7.5°	3719.1	3047.4	2179.4	1521.4	1041.7	662.5	411.2	237.6	105.1	59.4	36.6
-10°	3563.7	2896.7	2097.1	1480.3	1014.3	648.8	420.3	237.6	109.7	59.4	36.6
-12.5°	3385.5	2713.9	1996.6	1420.9	982.3	635.1	424.9	237.6	114.2	64.0	36.6
-15°	3179.9	2526.6	1882.4	1357.0	936.6	616.8	415.8	233.0	118.8	64.0	41.1
-17.5°	2946.9	2343.8	1763.6	1279.3	886.4	594.0	397.5	228.4	118.8	64.0	41.1
-20°	2681.9	2161.1	1631.1	1201.6	827.0	566.5	379.2	219.3	118.8	64.0	41.1

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CATALOG NUMBER: IFLD-L-SA7C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2444.3	1992.0	1494.0	1114.8	763.0	534.6	356.4	210.2	118.8	68.5	41.1
-25°	2247.9	1827.5	1388.9	1028.0	694.5	498.0	333.5	201.0	118.8	68.5	41.1
-27.5°	2042.3	1649.4	1279.3	945.8	648.8	466.0	310.7	191.9	114.2	68.5	41.1
-30°	1832.1	1475.7	1165.1	854.4	603.1	434.0	292.4	178.2	114.2	68.5	41.1
-32.5°	1640.2	1334.1	1060.0	763.0	552.8	402.1	274.1	173.6	109.7	68.5	41.1
-35°	1452.9	1206.2	950.3	689.9	498.0	370.1	255.9	169.0	109.7	68.5	41.1
-37.5°	1297.6	1087.4	849.8	639.6	466.0	342.7	237.6	159.9	105.1	68.5	41.1
-40°	1169.6	977.7	753.9	584.8	438.6	315.3	219.3	155.3	105.1	68.5	41.1
-42.5°	1050.8	872.7	694.5	539.1	411.2	297.0	205.6	150.8	100.5	68.5	41.1
-45°	945.8	781.3	635.1	498.0	379.2	274.1	196.5	141.6	95.9	68.5	45.7
-47.5°	840.7	717.3	580.2	461.5	347.2	246.7	187.3	137.1	91.4	64.0	45.7
-50°	758.4	648.8	534.6	420.3	315.3	237.6	178.2	127.9	91.4	64.0	45.7
-52.5°	685.3	584.8	484.3	379.2	287.8	223.9	169.0	118.8	86.8	64.0	45.7
-55°	616.8	525.4	434.0	338.1	269.6	210.2	155.3	109.7	86.8	64.0	45.7
-57.5°	548.3	470.6	383.8	306.1	246.7	196.5	146.2	109.7	86.8	64.0	45.7
-60°	493.4	420.3	347.2	283.3	228.4	178.2	132.5	105.1	82.2	64.0	45.7
-62.5°	447.7	379.2	315.3	255.9	210.2	159.9	127.9	105.1	82.2	64.0	41.1
-65°	402.1	342.7	283.3	233.0	187.3	150.8	123.4	100.5	82.2	64.0	41.1
-67.5°	356.4	301.5	255.9	205.6	173.6	146.2	118.8	100.5	77.7	59.4	41.1
-70°	310.7	265.0	223.9	191.9	164.5	137.1	114.2	95.9	77.7	54.8	36.6
-72.5°	274.1	233.0	201.0	178.2	155.3	132.5	109.7	91.4	73.1	50.3	32.0
-75°	233.0	205.6	182.8	159.9	141.6	123.4	105.1	82.2	64.0	45.7	32.0
-77.5°	196.5	178.2	159.9	146.2	127.9	109.7	91.4	73.1	59.4	41.1	27.4
-80°	169.0	155.3	141.6	127.9	114.2	95.9	82.2	64.0	50.3	36.6	22.8
-82.5°	137.1	127.9	114.2	105.1	95.9	82.2	68.5	54.8	36.6	27.4	18.3
-85°	105.1	95.9	91.4	82.2	73.1	59.4	45.7	36.6	27.4	18.3	9.1
-87.5°	54.8	50.3	45.7	41.1	36.6	27.4	22.8	18.3	13.7	9.1	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

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CATALOG NUMBER: IFLD-L-SA7C-927-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°	9.1	4.6	0.0	0.0
65°	9.1	4.6	0.0	0.0
62.5°	9.1	4.6	0.0	0.0
60°	9.1	4.6	0.0	0.0
57.5°	13.7	4.6	4.6	0.0
55°	13.7	4.6	4.6	0.0
52.5°	13.7	4.6	4.6	0.0
50°	13.7	9.1	4.6	0.0
47.5°	13.7	9.1	4.6	0.0
45°	13.7	9.1	4.6	0.0
42.5°	13.7	9.1	4.6	0.0
40°	18.3	9.1	4.6	0.0
37.5°	18.3	9.1	4.6	0.0
35°	18.3	9.1	4.6	0.0
32.5°	18.3	9.1	4.6	0.0
30°	18.3	9.1	4.6	0.0
27.5°	18.3	13.7	4.6	0.0
25°	18.3	13.7	4.6	0.0
22.5°	22.8	13.7	4.6	0.0
20°	22.8	13.7	4.6	0.0
17.5°	22.8	13.7	4.6	0.0
15°	22.8	13.7	4.6	0.0
12.5°	22.8	13.7	4.6	0.0
10°	22.8	13.7	4.6	0.0
7.5°	22.8	13.7	4.6	0.0
5°	22.8	13.7	4.6	0.0
2.5°	22.8	13.7	4.6	0.0
0°	22.8	13.7	4.6	0.0
-2.5°	22.8	13.7	4.6	0.0
-5°	22.8	13.7	4.6	0.0
-7.5°	22.8	13.7	4.6	0.0
-10°	22.8	13.7	4.6	0.0
-12.5°	27.4	13.7	4.6	0.0
-15°	27.4	13.7	4.6	0.0
-17.5°	27.4	13.7	4.6	0.0
-20°	27.4	13.7	4.6	0.0

REPORT NUMBER: P722648

CATALOG NUMBER: IFLD-L-SA7C-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.4	13.7	4.6	0.0
-25°	27.4	13.7	4.6	0.0
-27.5°	27.4	13.7	4.6	0.0
-30°	27.4	13.7	4.6	0.0
-32.5°	27.4	13.7	4.6	0.0
-35°	27.4	13.7	4.6	0.0
-37.5°	27.4	13.7	4.6	0.0
-40°	27.4	13.7	4.6	0.0
-42.5°	22.8	13.7	4.6	0.0
-45°	27.4	13.7	4.6	0.0
-47.5°	27.4	13.7	4.6	0.0
-50°	27.4	13.7	4.6	0.0
-52.5°	27.4	13.7	4.6	0.0
-55°	27.4	13.7	4.6	0.0
-57.5°	27.4	13.7	4.6	0.0
-60°	27.4	13.7	4.6	0.0
-62.5°	22.8	13.7	4.6	0.0
-65°	22.8	9.1	4.6	0.0
-67.5°	22.8	9.1	4.6	0.0
-70°	22.8	9.1	4.6	0.0
-72.5°	18.3	9.1	4.6	0.0
-75°	18.3	9.1	4.6	0.0
-77.5°	13.7	4.6	0.0	0.0
-80°	13.7	4.6	0.0	0.0
-82.5°	9.1	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)