

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: P722412

Luminaire Tested: **IFLD-M-SA4D-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722412
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

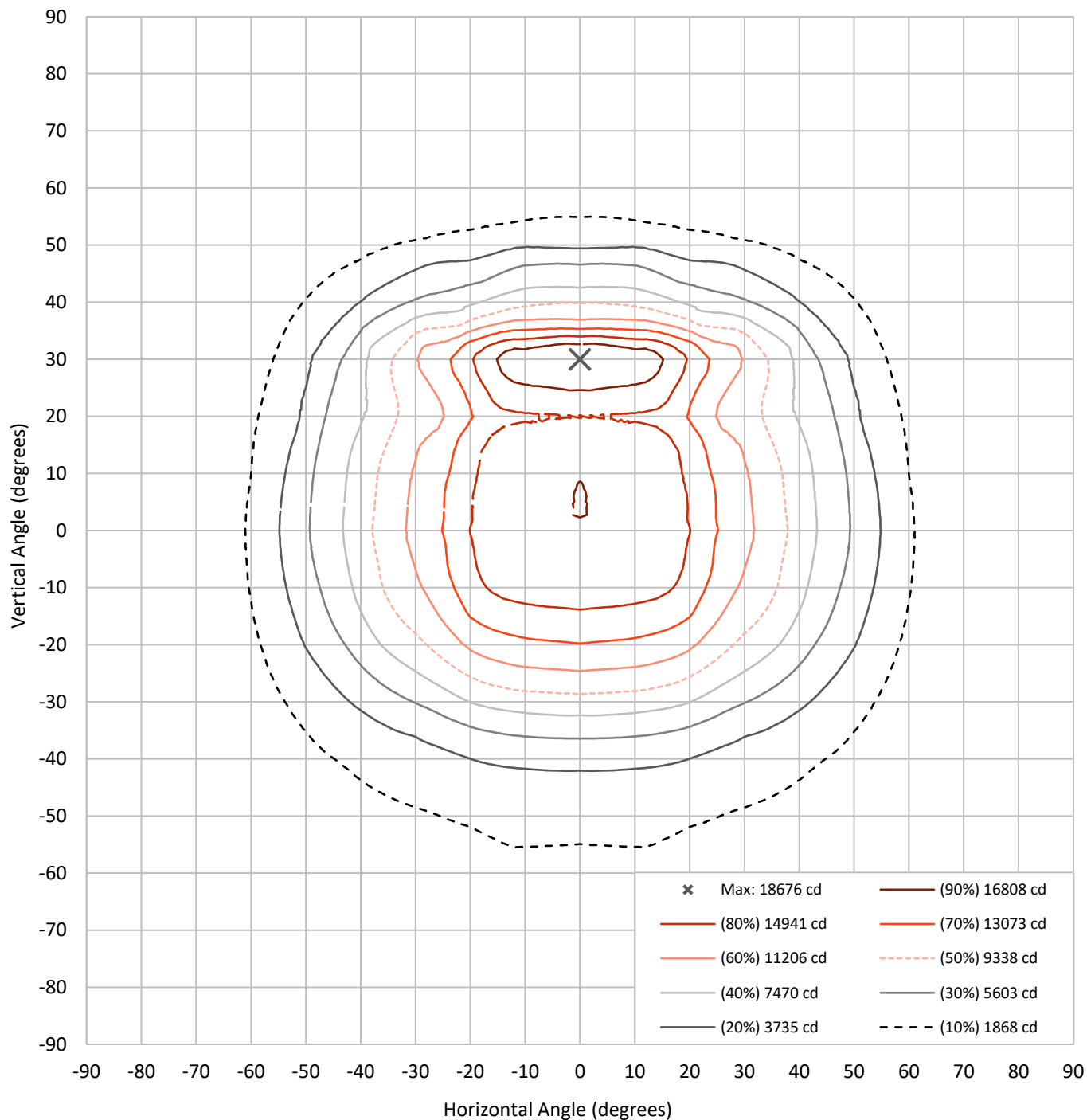
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26752.2 lumens	Max Intensity:	18676 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	17066.7 lumens	Field Lumens:	25221.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	249.7		
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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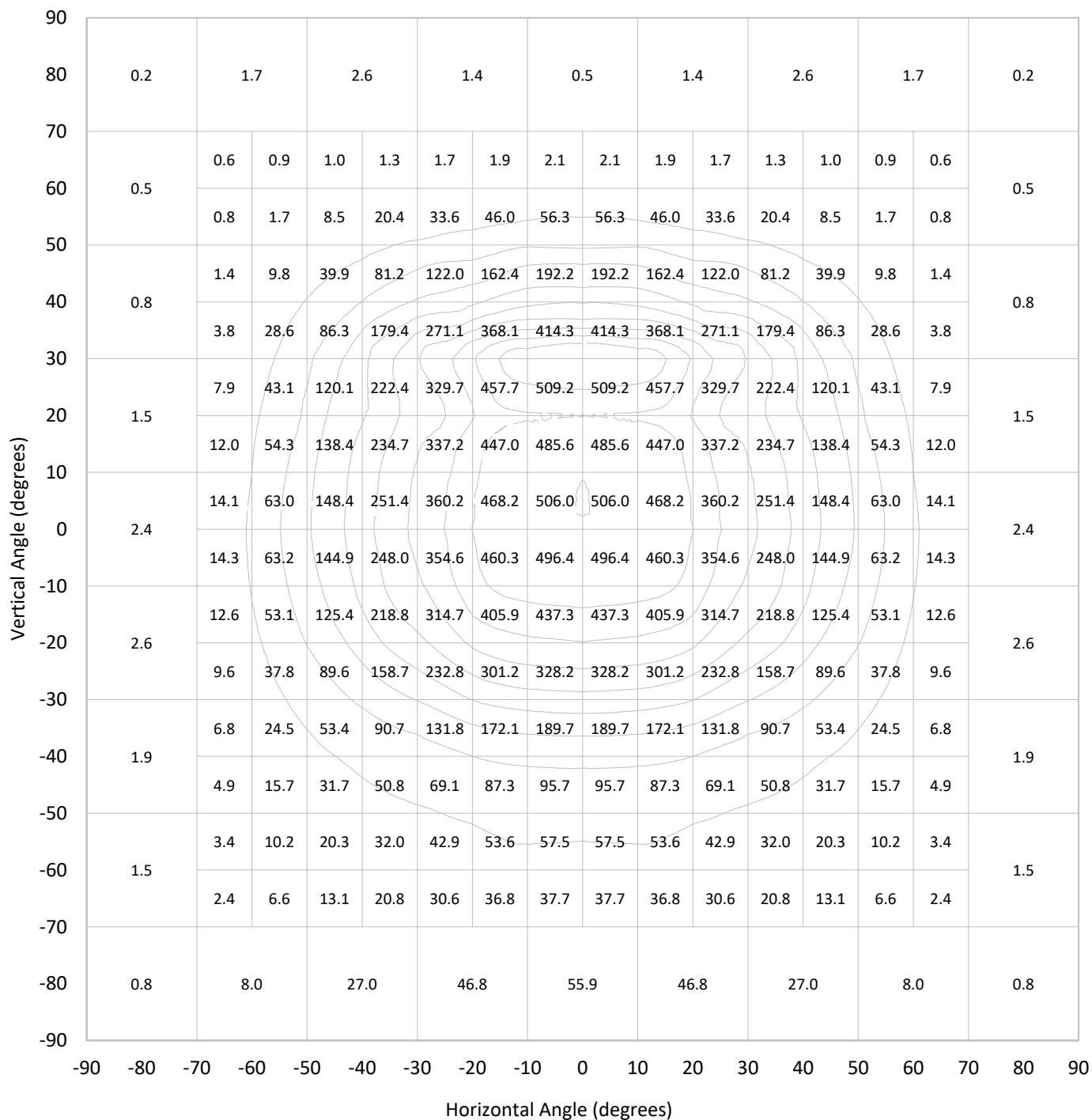
Iso-Candela Plot



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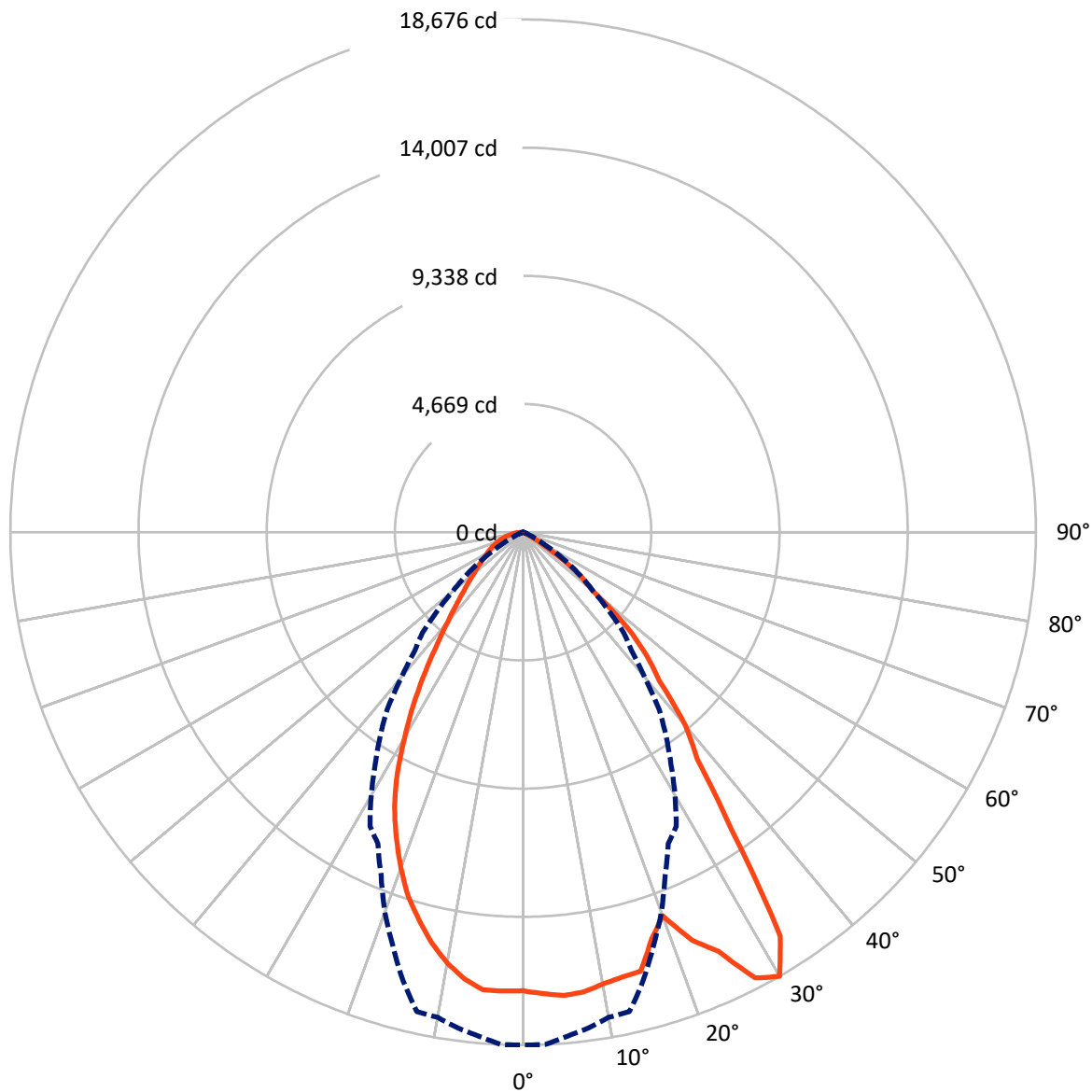
Lumen Table



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Luminous Intensity Polar Plot



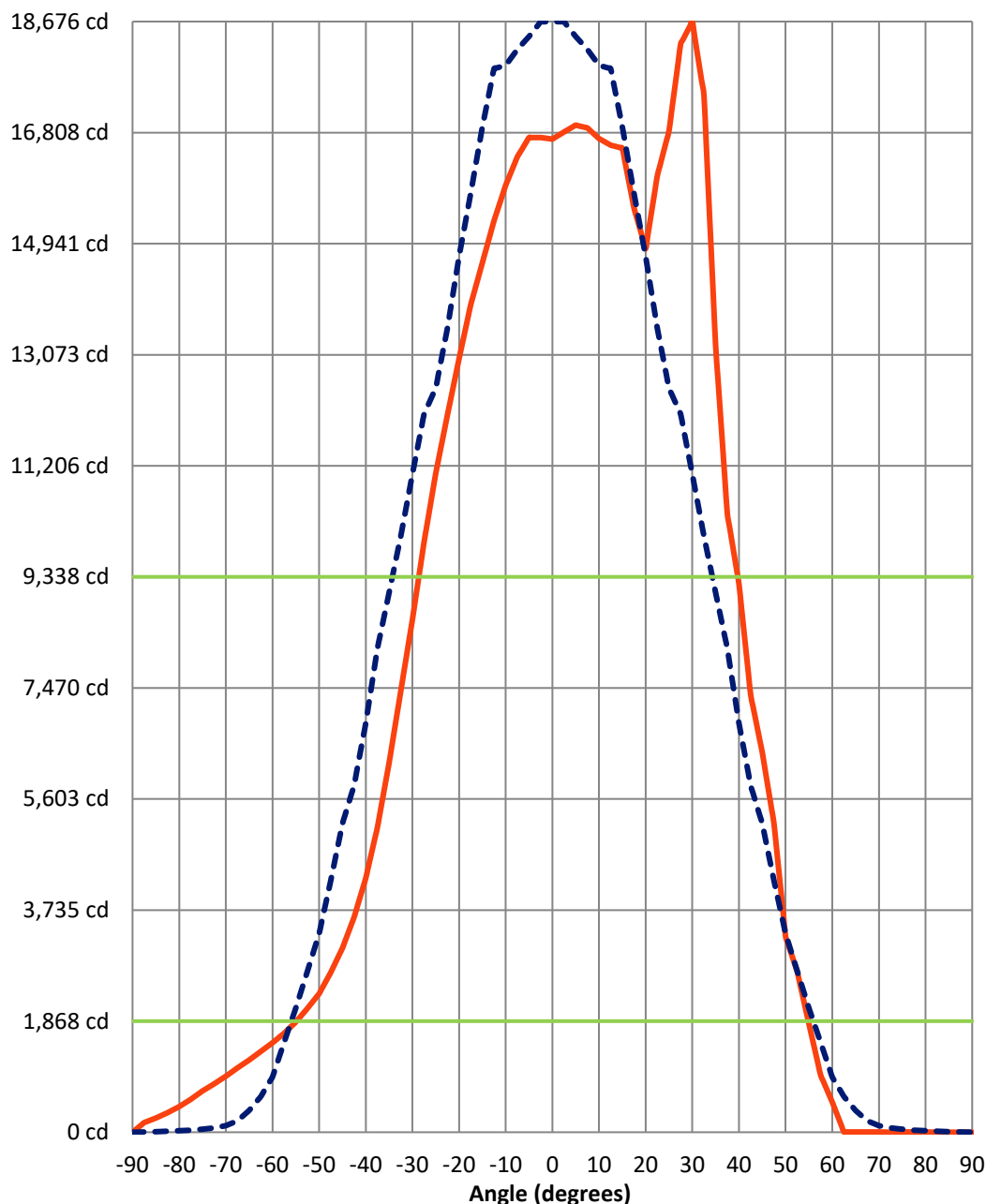
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17066.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25221.3

Efficiency: 94.3%

Spill:

Lumens: 1530.9

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	8.5	8.5	12.8
82.5°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	12.8	12.8	17.0
80°	4.3	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0
77.5°	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0	21.3
75°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	21.3
72.5°	0.0	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
70°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
67.5°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	17.0	17.0	17.0	21.3
65°	4.3	4.3	4.3	8.5	12.8	12.8	17.0	21.3	21.3	25.6	29.8
62.5°	4.3	8.5	8.5	12.8	17.0	21.3	46.8	72.4	72.4	51.1	42.6
60°	506.8	549.4	545.2	494.1	430.2	362.0	349.2	336.5	310.9	272.6	285.4
57.5°	962.5	1013.7	1035.0	1022.2	988.1	928.5	894.4	856.1	805.0	745.3	677.2
55°	1822.9	1844.2	1797.3	1707.9	1609.9	1512.0	1477.9	1426.8	1350.1	1273.5	1171.2
52.5°	2696.0	2768.4	2747.1	2657.7	2525.6	2351.0	2159.3	2010.3	1920.8	1835.7	1733.4
50°	3292.3	3322.1	3381.7	3488.2	3526.5	3407.3	3096.3	2696.0	2410.6	2555.4	2444.7
47.5°	5196.1	5345.1	5315.3	5238.6	5110.9	4787.2	4352.8	3995.0	3696.9	3598.9	3615.9
45°	6384.3	6444.0	6422.7	6388.6	6329.0	6026.6	5545.3	4995.9	4719.0	4608.3	4493.3
42.5°	7359.7	7423.5	7436.3	7440.6	7376.7	7099.9	6665.4	6116.0	5839.2	5519.7	5268.5
40°	9220.9	9314.6	9208.1	9067.5	8854.6	8539.4	8113.5	7606.7	7116.9	6725.1	6426.9
37.5°	10409.2	10524.1	10566.7	10558.2	10511.4	10375.1	9851.2	9369.9	8620.3	7743.0	7900.6
35°	13228.7	13347.9	13313.8	13186.1	13117.9	12973.1	12462.0	11891.3	10950.1	9996.0	9740.5
32.5°	17432.3	17692.1	17206.6	16674.2	16346.3	16461.3	15941.7	14544.7	14110.3	12389.6	11593.2
30°	18676.0	18671.7	18424.7	18207.5	17939.2	17883.8	16904.2	15788.3	14723.6	13518.3	12513.1
27.5°	18296.9	18220.3	18011.6	17854.0	17602.7	17470.7	16512.4	15626.5	14395.6	13318.1	12347.0
25°	16836.1	16895.7	16682.8	16652.9	16555.0	16299.4	15822.4	14825.8	13727.0	12534.4	11835.9
22.5°	16082.2	16060.9	15805.4	15656.3	15775.6	15503.0	15311.3	14306.2	13160.5	12155.4	11316.3
20°	14855.6	14859.9	14796.0	14783.2	14710.8	14587.3	14434.0	13722.7	12913.5	12053.1	11043.8
17.5°	15541.3	15715.9	15792.6	15158.0	15336.9	15196.3	15034.5	14042.1	13433.1	12670.7	11354.7
15°	16546.5	16482.6	16405.9	16371.8	16273.9	16141.8	15848.0	15055.8	14008.1	13220.1	12193.7
12.5°	16597.6	16474.1	16444.2	16440.0	16337.8	16154.6	15869.3	15213.4	14284.9	13326.6	12491.8
10°	16708.3	16580.5	16563.5	16584.8	16427.2	16312.2	16026.9	15417.8	14370.1	13509.7	12721.8
7.5°	16887.2	16674.2	16772.2	16708.3	16635.9	16452.8	16146.1	15549.8	14681.0	13752.5	12926.3
5°	16934.0	16699.8	16806.3	16746.6	16640.2	16461.3	16129.1	15635.0	14872.6	13850.5	13007.2
2.5°	16819.0	16750.9	16704.0	16593.3	16546.5	16350.5	16035.4	15507.2	14783.2	13807.9	12990.1
0°	16699.8	16759.4	16652.9	16542.2	16520.9	16363.3	16095.0	15618.0	14991.9	13927.1	13135.0
-2.5°	16725.3	16678.5	16606.1	16491.1	16380.4	16154.6	15911.9	15464.7	14791.7	13667.3	12930.5
-5°	16725.3	16508.1	16516.6	16520.9	16410.2	16175.9	15882.0	15503.0	14672.5	13663.1	12870.9
-7.5°	16401.7	16214.3	16184.4	16158.9	16129.1	15911.9	15681.9	15209.1	14472.3	13552.3	12704.8
-10°	15924.6	15741.5	15758.5	15720.2	15626.5	15481.7	15307.1	14881.2	14276.4	13203.1	12368.3
-12.5°	15328.4	15247.4	15200.6	15136.7	15043.0	14915.2	14736.4	14336.0	13688.6	12772.9	11980.7
-15°	14621.4	14561.7	14519.1	14480.8	14344.5	14212.5	13978.2	13607.7	13203.1	12219.3	11410.0
-17.5°	13914.4	13765.3	13705.7	13654.6	13565.1	13352.2	13139.2	12862.4	12295.9	11516.5	10822.3
-20°	13007.2	12917.7	12845.3	12777.2	12649.4	12483.3	12308.7	11989.3	11499.5	10869.1	10149.3

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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°	12057.4	12006.3	11946.7	11861.5	11776.3	11618.7	11376.0	11069.3	10686.0	10004.5	9331.6
-25°	11077.8	10979.9	10907.5	10826.5	10758.4	10613.6	10379.3	10085.5	9604.2	9016.4	8454.2
-27.5°	9923.6	9829.9	9791.6	9697.9	9638.3	9506.2	9272.0	8999.4	8565.0	8070.9	7500.2
-30°	8620.3	8637.4	8594.8	8505.3	8432.9	8262.6	8083.7	7853.7	7513.0	7040.2	6529.1
-32.5°	7415.0	7436.3	7385.2	7291.5	7197.8	7074.3	6908.2	6699.5	6444.0	5992.5	5549.6
-35°	6209.7	6201.2	6158.6	6103.2	6039.4	5937.1	5749.7	5592.2	5298.3	4983.1	4676.5
-37.5°	5127.9	5149.2	5136.4	5106.6	5034.2	4949.0	4795.7	4650.9	4433.7	4156.8	3918.3
-40°	4271.8	4297.4	4280.4	4250.5	4186.7	4135.6	4033.3	3905.6	3730.9	3492.4	3292.3
-42.5°	3615.9	3633.0	3611.7	3586.1	3530.8	3492.4	3411.5	3305.0	3160.2	2977.1	2798.2
-45°	3096.3	3100.6	3079.3	3062.3	3019.7	2972.8	2904.7	2819.5	2704.5	2576.7	2431.9
-47.5°	2687.5	2683.2	2661.9	2644.9	2610.8	2568.2	2512.8	2436.2	2346.7	2248.8	2133.8
-50°	2329.7	2351.0	2342.5	2325.4	2299.9	2270.1	2214.7	2133.8	2044.4	1971.9	1891.0
-52.5°	2082.7	2086.9	2082.7	2082.7	2078.4	2057.1	1993.2	1912.3	1814.4	1750.5	1682.3
-55°	1852.7	1874.0	1882.5	1891.0	1895.3	1895.3	1818.6	1733.4	1639.7	1575.9	1524.7
-57.5°	1665.3	1678.1	1686.6	1707.9	1724.9	1737.7	1669.6	1592.9	1520.5	1460.9	1414.0
-60°	1503.4	1520.5	1533.3	1554.6	1567.3	1575.9	1533.3	1482.2	1439.6	1401.2	1333.1
-62.5°	1358.6	1371.4	1384.2	1397.0	1409.7	1418.3	1401.2	1375.7	1354.4	1337.3	1252.2
-65°	1213.8	1226.6	1239.4	1256.4	1269.2	1277.7	1273.5	1256.4	1239.4	1222.4	1145.7
-67.5°	1081.8	1094.6	1111.6	1115.9	1124.4	1128.7	1120.1	1107.4	1086.1	1064.8	1005.1
-70°	941.3	949.8	958.3	958.3	958.3	954.0	945.5	928.5	907.2	877.4	830.5
-72.5°	813.5	822.0	830.5	817.7	809.2	796.4	783.7	762.4	741.1	719.8	694.2
-75°	694.2	698.5	698.5	681.5	668.7	655.9	638.9	626.1	604.8	587.8	566.5
-77.5°	553.7	553.7	553.7	540.9	532.4	523.9	511.1	498.3	481.3	468.5	451.5
-80°	430.2	430.2	430.2	425.9	413.1	404.6	396.1	387.6	374.8	366.3	357.8
-82.5°	327.9	327.9	327.9	323.7	315.2	310.9	302.4	293.9	289.6	281.1	276.8
-85°	238.5	242.8	242.8	238.5	234.2	225.7	221.5	217.2	213.0	208.7	200.2
-87.5°	161.8	161.8	161.8	157.6	153.3	153.3	149.1	140.5	132.0	127.8	123.5
-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	12.8	12.8	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	12.8
82.5°	21.3	21.3	25.6	25.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
80°	21.3	25.6	29.8	34.1	38.3	42.6	42.6	42.6	42.6	38.3	38.3
77.5°	25.6	25.6	29.8	34.1	38.3	42.6	46.8	51.1	46.8	46.8	46.8
75°	25.6	29.8	29.8	34.1	38.3	42.6	46.8	51.1	51.1	51.1	51.1
72.5°	21.3	25.6	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8	51.1
70°	21.3	25.6	29.8	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8
67.5°	25.6	29.8	29.8	34.1	38.3	38.3	38.3	42.6	42.6	46.8	46.8
65°	29.8	34.1	34.1	38.3	42.6	42.6	46.8	46.8	46.8	51.1	51.1
62.5°	51.1	51.1	51.1	46.8	51.1	51.1	51.1	55.4	55.4	51.1	55.4
60°	264.1	191.7	132.0	166.1	149.1	68.1	68.1	68.1	63.9	63.9	59.6
57.5°	621.8	579.2	498.3	421.6	379.1	336.5	208.7	85.2	85.2	76.7	68.1
55°	1039.2	898.7	839.0	736.8	626.1	575.0	477.0	323.7	153.3	102.2	89.4
52.5°	1609.9	1477.9	1324.6	1115.9	966.8	847.6	766.6	609.0	408.9	217.2	136.3
50°	2155.1	2095.5	2001.8	1797.3	1486.4	1286.2	1154.2	975.3	732.6	447.2	255.5
47.5°	3471.1	2972.8	2670.4	2512.8	2253.0	1874.0	1618.4	1418.3	1124.4	753.9	451.5
45°	4369.8	4054.6	3573.4	3241.1	2857.8	2457.5	2125.3	1895.3	1546.0	1128.7	707.0
42.5°	5140.7	4868.1	4433.7	3948.2	3543.5	3019.7	2593.8	2291.4	1997.5	1541.8	1056.2
40°	6133.1	5809.4	5392.0	4919.2	4446.5	3777.8	3087.8	2721.5	2397.9	1993.2	1426.8
37.5°	7768.5	7197.8	6516.4	5992.5	5374.9	4808.5	3863.0	3215.6	2832.3	2410.6	1861.2
35°	9736.2	9110.1	7973.0	7278.7	6452.5	5609.2	4757.4	3799.1	3253.9	2806.7	2261.6
32.5°	11567.6	10651.9	9195.3	8381.8	7832.4	6277.9	5396.2	4565.7	3688.3	3138.9	2491.6
30°	12074.4	11065.0	10021.6	9071.8	8134.8	6878.4	5834.9	5187.5	4233.5	3339.1	2708.8
27.5°	11563.4	10869.1	10059.9	9178.3	8164.6	7087.1	6103.2	5485.7	4633.9	3475.4	2879.1
25°	11043.8	10319.7	9753.3	9016.4	8079.4	7074.3	6111.8	5673.1	4944.8	3739.5	2972.8
22.5°	10494.3	10042.9	9574.4	8752.4	7866.5	7112.6	6388.6	5834.9	5106.6	4037.6	3011.2
20°	10524.1	10230.3	9714.9	8616.1	7828.2	7338.4	6720.8	6039.4	5281.2	4297.4	3041.0
17.5°	11001.2	10617.8	9970.5	9016.4	8173.1	7568.4	6997.6	6320.4	5460.1	4527.4	3403.0
15°	11588.9	11005.4	10328.2	9489.2	8535.2	7819.6	7210.6	6516.4	5664.6	4740.3	3726.7
12.5°	12014.8	11184.3	10549.7	9791.6	8927.0	8092.2	7351.1	6665.4	5856.2	4915.0	3969.4
10°	12159.6	11405.8	10656.2	9979.0	9127.2	8237.0	7457.6	6759.1	6022.3	5051.2	4148.3
7.5°	12236.3	11597.4	10728.6	10064.2	9246.4	8326.5	7542.8	6810.2	6154.3	5144.9	4263.3
5°	12227.8	11699.6	10783.9	10089.7	9310.3	8364.8	7602.4	6823.0	6248.0	5225.9	4331.5
2.5°	12189.4	11767.8	10873.4	10132.3	9438.1	8437.2	7717.4	6848.6	6282.1	5315.3	4378.3
0°	12330.0	11772.1	10967.1	10145.1	9523.3	8462.8	7768.5	6827.3	6235.3	5340.9	4374.1
-2.5°	12027.6	11520.8	10945.8	10034.4	9408.3	8403.1	7674.8	6759.1	6133.1	5311.1	4357.0
-5°	11976.5	11337.6	10766.9	9932.1	9216.6	8279.6	7500.2	6631.4	5971.2	5213.1	4288.9
-7.5°	11840.2	11163.0	10592.3	9851.2	9037.7	8151.8	7334.1	6499.3	5796.6	5059.8	4190.9
-10°	11542.1	10894.7	10404.9	9676.6	8820.5	7968.7	7133.9	6324.7	5592.2	4851.1	4037.6
-12.5°	11116.2	10468.8	9983.2	9306.1	8547.9	7721.7	6895.4	6099.0	5357.9	4629.6	3854.5
-15°	10634.9	9979.0	9493.5	8875.9	8143.3	7338.4	6593.0	5813.6	5089.6	4395.4	3637.2
-17.5°	10089.7	9467.9	8999.4	8398.9	7670.6	6903.9	6162.9	5455.9	4778.7	4152.6	3386.0
-20°	9459.4	8854.6	8424.4	7823.9	7155.2	6409.9	5690.1	5021.4	4412.4	3824.6	3109.1

REPORT NUMBER: P722412

CATALOG NUMBER: IFLD-M-SA4D-727-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°	8680.0	8147.6	7657.8	7121.2	6537.7	5856.2	5187.5	4595.5	4012.0	3437.1	2823.8
-25°	7883.5	7368.2	6891.2	6401.4	5843.4	5255.7	4685.0	4148.3	3577.6	3058.0	2546.9
-27.5°	6997.6	6537.7	6111.8	5660.3	5149.2	4642.4	4173.9	3650.0	3156.0	2713.0	2274.3
-30°	6052.1	5677.3	5306.8	4906.4	4493.3	4067.4	3650.0	3156.0	2768.4	2414.9	2044.4
-32.5°	5144.9	4808.5	4510.3	4212.2	3854.5	3505.2	3134.7	2768.4	2444.7	2133.8	1822.9
-35°	4348.5	3990.7	3824.6	3586.1	3300.8	2985.6	2683.2	2427.7	2167.9	1886.8	1609.9
-37.5°	3658.5	3428.5	3232.6	3053.7	2828.0	2555.4	2338.2	2129.5	1912.3	1656.8	1418.3
-40°	3117.6	2951.5	2755.6	2623.6	2440.4	2244.5	2027.3	1852.7	1669.6	1460.9	1264.9
-42.5°	2683.2	2546.9	2419.1	2278.6	2142.3	1976.2	1788.8	1622.7	1456.6	1303.3	1141.4
-45°	2325.4	2227.5	2125.3	2010.3	1891.0	1746.2	1592.9	1422.5	1303.3	1167.0	1030.7
-47.5°	2031.6	1959.2	1874.0	1784.5	1682.3	1554.6	1414.0	1290.5	1167.0	1052.0	920.0
-50°	1797.3	1729.2	1661.0	1584.4	1494.9	1384.2	1277.7	1162.7	1047.7	937.0	813.5
-52.5°	1601.4	1541.8	1486.4	1422.5	1337.3	1243.6	1145.7	1043.5	937.0	826.3	728.3
-55°	1465.1	1397.0	1341.6	1277.7	1201.1	1111.6	1022.2	928.5	826.3	741.1	660.2
-57.5°	1354.4	1277.7	1213.8	1145.7	1069.0	992.4	911.4	826.3	749.6	668.7	592.0
-60°	1260.7	1171.2	1098.8	1030.7	958.3	885.9	817.7	745.3	672.9	600.5	523.9
-62.5°	1162.7	1069.0	979.6	915.7	860.3	796.4	736.8	668.7	604.8	532.4	477.0
-65°	1052.0	962.5	877.4	822.0	770.9	715.5	660.2	600.5	545.2	489.8	438.7
-67.5°	928.5	851.8	792.2	741.1	690.0	643.1	592.0	540.9	494.1	438.7	387.6
-70°	779.4	736.8	702.7	664.4	617.6	575.0	528.1	481.3	430.2	383.3	336.5
-72.5°	664.4	638.9	613.3	575.0	532.4	494.1	455.7	413.1	370.5	327.9	289.6
-75°	545.2	523.9	502.6	477.0	442.9	413.1	379.1	340.7	306.7	276.8	247.0
-77.5°	438.7	421.6	408.9	387.6	362.0	336.5	315.2	289.6	264.1	234.2	204.4
-80°	349.2	340.7	336.5	327.9	306.7	285.4	268.3	247.0	221.5	200.2	178.9
-82.5°	272.6	272.6	268.3	264.1	247.0	230.0	217.2	200.2	183.1	166.1	144.8
-85°	200.2	195.9	195.9	191.7	178.9	170.4	157.6	149.1	136.3	119.3	110.7
-87.5°	119.3	115.0	110.7	106.5	98.0	93.7	85.2	80.9	72.4	63.9	59.6
-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-M-SA4D-727-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	12.8	8.5	8.5	8.5	8.5	8.5	4.3	4.3	4.3	4.3	4.3
82.5°	25.6	25.6	21.3	21.3	17.0	12.8	8.5	8.5	8.5	4.3	4.3
80°	38.3	38.3	38.3	34.1	29.8	21.3	17.0	12.8	8.5	4.3	4.3
77.5°	46.8	42.6	42.6	38.3	38.3	34.1	25.6	21.3	12.8	8.5	4.3
75°	46.8	46.8	46.8	42.6	42.6	38.3	34.1	25.6	21.3	12.8	8.5
72.5°	51.1	46.8	46.8	46.8	42.6	38.3	34.1	29.8	25.6	17.0	8.5
70°	46.8	46.8	46.8	46.8	42.6	42.6	34.1	29.8	29.8	17.0	12.8
67.5°	46.8	46.8	46.8	42.6	42.6	38.3	34.1	29.8	29.8	21.3	12.8
65°	51.1	46.8	46.8	46.8	42.6	38.3	34.1	29.8	29.8	25.6	17.0
62.5°	55.4	51.1	51.1	46.8	42.6	38.3	34.1	29.8	29.8	25.6	17.0
60°	59.6	55.4	51.1	51.1	46.8	42.6	34.1	34.1	29.8	25.6	17.0
57.5°	63.9	59.6	59.6	55.4	51.1	46.8	38.3	34.1	29.8	25.6	21.3
55°	76.7	68.1	63.9	63.9	59.6	51.1	42.6	34.1	29.8	25.6	21.3
52.5°	102.2	80.9	72.4	72.4	68.1	59.6	46.8	38.3	29.8	25.6	21.3
50°	161.8	102.2	85.2	76.7	76.7	68.1	55.4	42.6	29.8	25.6	21.3
47.5°	255.5	170.4	102.2	89.4	85.2	80.9	63.9	42.6	34.1	25.6	21.3
45°	421.6	251.3	166.1	106.5	89.4	85.2	72.4	46.8	34.1	29.8	21.3
42.5°	579.2	391.8	255.5	127.8	106.5	93.7	76.7	51.1	38.3	29.8	21.3
40°	911.4	536.6	357.8	208.7	123.5	98.0	85.2	59.6	38.3	29.8	21.3
37.5°	1235.1	711.3	481.3	306.7	140.5	110.7	89.4	63.9	42.6	29.8	25.6
35°	1558.8	996.6	596.3	408.9	187.4	132.0	93.7	68.1	42.6	29.8	25.6
32.5°	1848.4	1264.9	715.5	511.1	281.1	157.6	102.2	72.4	46.8	34.1	25.6
30°	2086.9	1512.0	928.5	600.5	366.3	191.7	110.7	72.4	51.1	34.1	25.6
27.5°	2265.8	1703.6	1145.7	694.2	438.7	225.7	127.8	80.9	51.1	34.1	25.6
25°	2410.6	1852.7	1337.3	792.2	502.6	281.1	153.3	85.2	55.4	38.3	25.6
22.5°	2525.6	1976.2	1494.9	924.2	579.2	336.5	187.4	93.7	55.4	38.3	25.6
20°	2683.2	2099.7	1601.4	1064.8	660.2	387.6	217.2	102.2	55.4	38.3	29.8
17.5°	2819.5	2223.2	1686.6	1184.0	741.1	425.9	251.3	110.7	59.6	38.3	29.8
15°	2977.1	2342.5	1763.3	1277.7	817.7	460.0	281.1	119.3	59.6	42.6	29.8
12.5°	3147.4	2453.2	1818.6	1354.4	898.7	489.8	306.7	136.3	63.9	42.6	29.8
10°	3322.1	2546.9	1865.5	1409.7	958.3	519.6	323.7	153.3	68.1	42.6	29.8
7.5°	3496.7	2632.1	1925.1	1435.3	983.8	553.7	332.2	170.4	68.1	46.8	29.8
5°	3615.9	2687.5	2010.3	1452.3	996.6	592.0	345.0	191.7	72.4	46.8	29.8
2.5°	3718.2	2721.5	2099.7	1465.1	1000.9	613.3	340.7	204.4	76.7	46.8	29.8
0°	3765.0	2721.5	2159.3	1456.6	988.1	634.6	340.7	217.2	76.7	46.8	29.8
-2.5°	3692.6	2798.2	2142.3	1460.9	992.4	634.6	357.8	221.5	85.2	51.1	29.8
-5°	3577.6	2828.0	2091.2	1439.6	983.8	634.6	379.1	225.7	89.4	51.1	34.1
-7.5°	3466.9	2840.8	2031.6	1418.3	971.1	617.6	383.3	221.5	98.0	55.4	34.1
-10°	3322.1	2700.2	1954.9	1379.9	945.5	604.8	391.8	221.5	102.2	55.4	34.1
-12.5°	3156.0	2529.9	1861.2	1324.6	915.7	592.0	396.1	221.5	106.5	59.6	34.1
-15°	2964.3	2355.3	1754.7	1264.9	873.1	575.0	387.6	217.2	110.7	59.6	38.3
-17.5°	2747.1	2184.9	1644.0	1192.5	826.3	553.7	370.5	213.0	110.7	59.6	38.3
-20°	2500.1	2014.5	1520.5	1120.1	770.9	528.1	353.5	204.4	110.7	59.6	38.3

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CATALOG NUMBER: IFLD-M-SA4D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2278.6	1857.0	1392.7	1039.2	711.3	498.3	332.2	195.9	110.7	63.9	38.3
-25°	2095.5	1703.6	1294.8	958.3	647.4	464.2	310.9	187.4	110.7	63.9	38.3
-27.5°	1903.8	1537.5	1192.5	881.6	604.8	434.4	289.6	178.9	106.5	63.9	38.3
-30°	1707.9	1375.7	1086.1	796.4	562.2	404.6	272.6	166.1	106.5	63.9	38.3
-32.5°	1529.0	1243.6	988.1	711.3	515.3	374.8	255.5	161.8	102.2	63.9	38.3
-35°	1354.4	1124.4	885.9	643.1	464.2	345.0	238.5	157.6	102.2	63.9	38.3
-37.5°	1209.6	1013.7	792.2	596.3	434.4	319.4	221.5	149.1	98.0	63.9	38.3
-40°	1090.3	911.4	702.7	545.2	408.9	293.9	204.4	144.8	98.0	63.9	38.3
-42.5°	979.6	813.5	647.4	502.6	383.3	276.8	191.7	140.5	93.7	63.9	38.3
-45°	881.6	728.3	592.0	464.2	353.5	255.5	183.1	132.0	89.4	63.9	42.6
-47.5°	783.7	668.7	540.9	430.2	323.7	230.0	174.6	127.8	85.2	59.6	42.6
-50°	707.0	604.8	498.3	391.8	293.9	221.5	166.1	119.3	85.2	59.6	42.6
-52.5°	638.9	545.2	451.5	353.5	268.3	208.7	157.6	110.7	80.9	59.6	42.6
-55°	575.0	489.8	404.6	315.2	251.3	195.9	144.8	102.2	80.9	59.6	42.6
-57.5°	511.1	438.7	357.8	285.4	230.0	183.1	136.3	102.2	80.9	59.6	42.6
-60°	460.0	391.8	323.7	264.1	213.0	166.1	123.5	98.0	76.7	59.6	42.6
-62.5°	417.4	353.5	293.9	238.5	195.9	149.1	119.3	98.0	76.7	59.6	38.3
-65°	374.8	319.4	264.1	217.2	174.6	140.5	115.0	93.7	76.7	59.6	38.3
-67.5°	332.2	281.1	238.5	191.7	161.8	136.3	110.7	93.7	72.4	55.4	38.3
-70°	289.6	247.0	208.7	178.9	153.3	127.8	106.5	89.4	72.4	51.1	34.1
-72.5°	255.5	217.2	187.4	166.1	144.8	123.5	102.2	85.2	68.1	46.8	29.8
-75°	217.2	191.7	170.4	149.1	132.0	115.0	98.0	76.7	59.6	42.6	29.8
-77.5°	183.1	166.1	149.1	136.3	119.3	102.2	85.2	68.1	55.4	38.3	25.6
-80°	157.6	144.8	132.0	119.3	106.5	89.4	76.7	59.6	46.8	34.1	21.3
-82.5°	127.8	119.3	106.5	98.0	89.4	76.7	63.9	51.1	34.1	25.6	17.0
-85°	98.0	89.4	85.2	76.7	68.1	55.4	42.6	34.1	25.6	17.0	8.5
-87.5°	51.1	46.8	42.6	38.3	34.1	25.6	21.3	17.0	12.8	8.5	4.3
-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-M-SA4D-727-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.5	4.3	0.0	0.0
65°	8.5	4.3	0.0	0.0
62.5°	8.5	4.3	0.0	0.0
60°	8.5	4.3	0.0	0.0
57.5°	12.8	4.3	4.3	0.0
55°	12.8	4.3	4.3	0.0
52.5°	12.8	4.3	4.3	0.0
50°	12.8	8.5	4.3	0.0
47.5°	12.8	8.5	4.3	0.0
45°	12.8	8.5	4.3	0.0
42.5°	12.8	8.5	4.3	0.0
40°	17.0	8.5	4.3	0.0
37.5°	17.0	8.5	4.3	0.0
35°	17.0	8.5	4.3	0.0
32.5°	17.0	8.5	4.3	0.0
30°	17.0	8.5	4.3	0.0
27.5°	17.0	12.8	4.3	0.0
25°	17.0	12.8	4.3	0.0
22.5°	21.3	12.8	4.3	0.0
20°	21.3	12.8	4.3	0.0
17.5°	21.3	12.8	4.3	0.0
15°	21.3	12.8	4.3	0.0
12.5°	21.3	12.8	4.3	0.0
10°	21.3	12.8	4.3	0.0
7.5°	21.3	12.8	4.3	0.0
5°	21.3	12.8	4.3	0.0
2.5°	21.3	12.8	4.3	0.0
0°	21.3	12.8	4.3	0.0
-2.5°	21.3	12.8	4.3	0.0
-5°	21.3	12.8	4.3	0.0
-7.5°	21.3	12.8	4.3	0.0
-10°	21.3	12.8	4.3	0.0
-12.5°	25.6	12.8	4.3	0.0
-15°	25.6	12.8	4.3	0.0
-17.5°	25.6	12.8	4.3	0.0
-20°	25.6	12.8	4.3	0.0

REPORT NUMBER: P722412

CATALOG NUMBER: IFLD-M-SA4D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.6	12.8	4.3	0.0
-25°	25.6	12.8	4.3	0.0
-27.5°	25.6	12.8	4.3	0.0
-30°	25.6	12.8	4.3	0.0
-32.5°	25.6	12.8	4.3	0.0
-35°	25.6	12.8	4.3	0.0
-37.5°	25.6	12.8	4.3	0.0
-40°	25.6	12.8	4.3	0.0
-42.5°	21.3	12.8	4.3	0.0
-45°	25.6	12.8	4.3	0.0
-47.5°	25.6	12.8	4.3	0.0
-50°	25.6	12.8	4.3	0.0
-52.5°	25.6	12.8	4.3	0.0
-55°	25.6	12.8	4.3	0.0
-57.5°	25.6	12.8	4.3	0.0
-60°	25.6	12.8	4.3	0.0
-62.5°	21.3	12.8	4.3	0.0
-65°	21.3	8.5	4.3	0.0
-67.5°	21.3	8.5	4.3	0.0
-70°	21.3	8.5	4.3	0.0
-72.5°	17.0	8.5	4.3	0.0
-75°	17.0	8.5	4.3	0.0
-77.5°	12.8	4.3	0.0	0.0
-80°	12.8	4.3	0.0	0.0
-82.5°	8.5	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)