

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: P722554

Luminaire Tested: **IFLD-M-SA4A-760-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722554
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-760-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19315.9 lumens	Max Intensity:	13484.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	150.2 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:	12322.7 lumens	Field Lumens:	18210.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

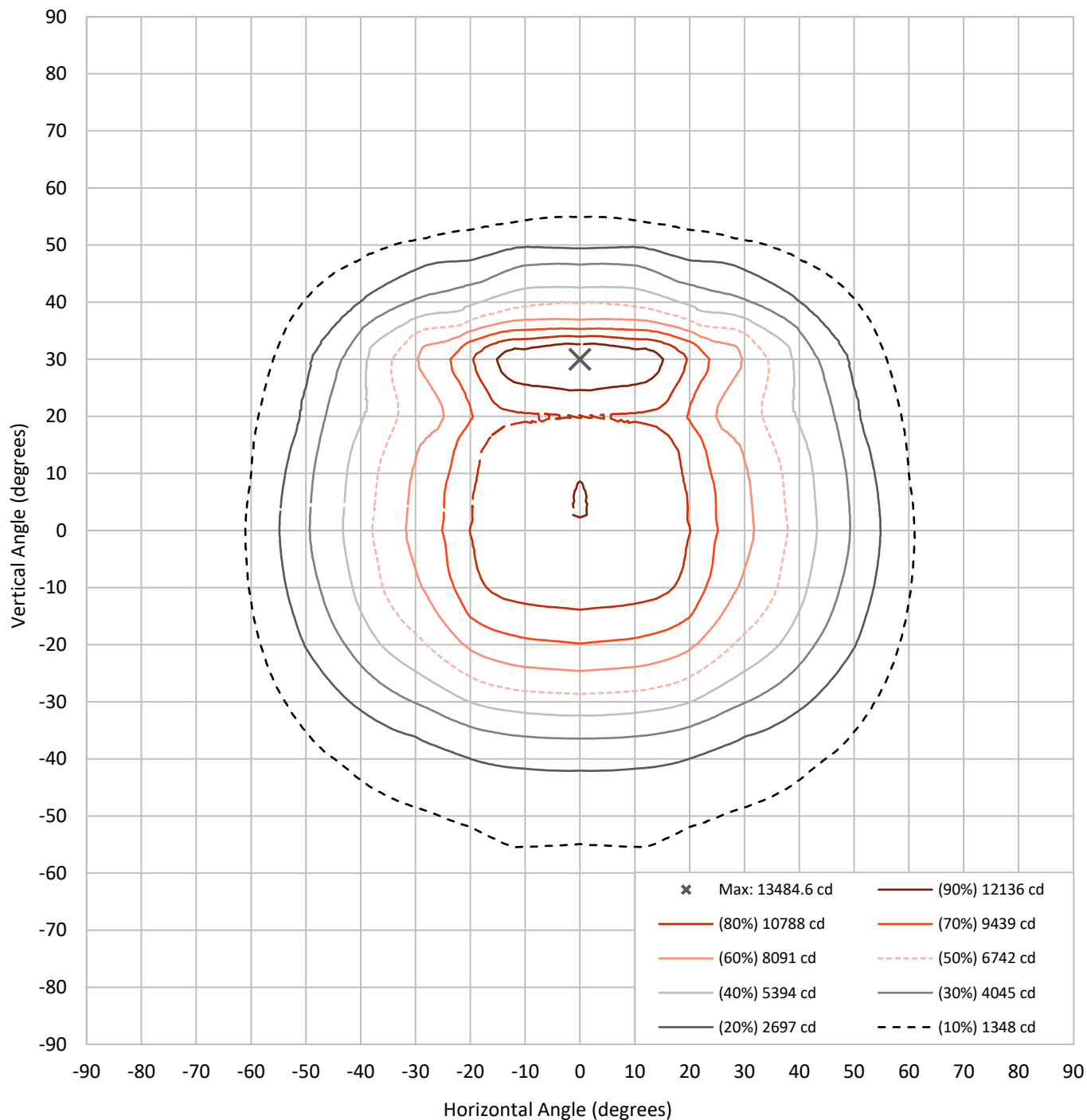
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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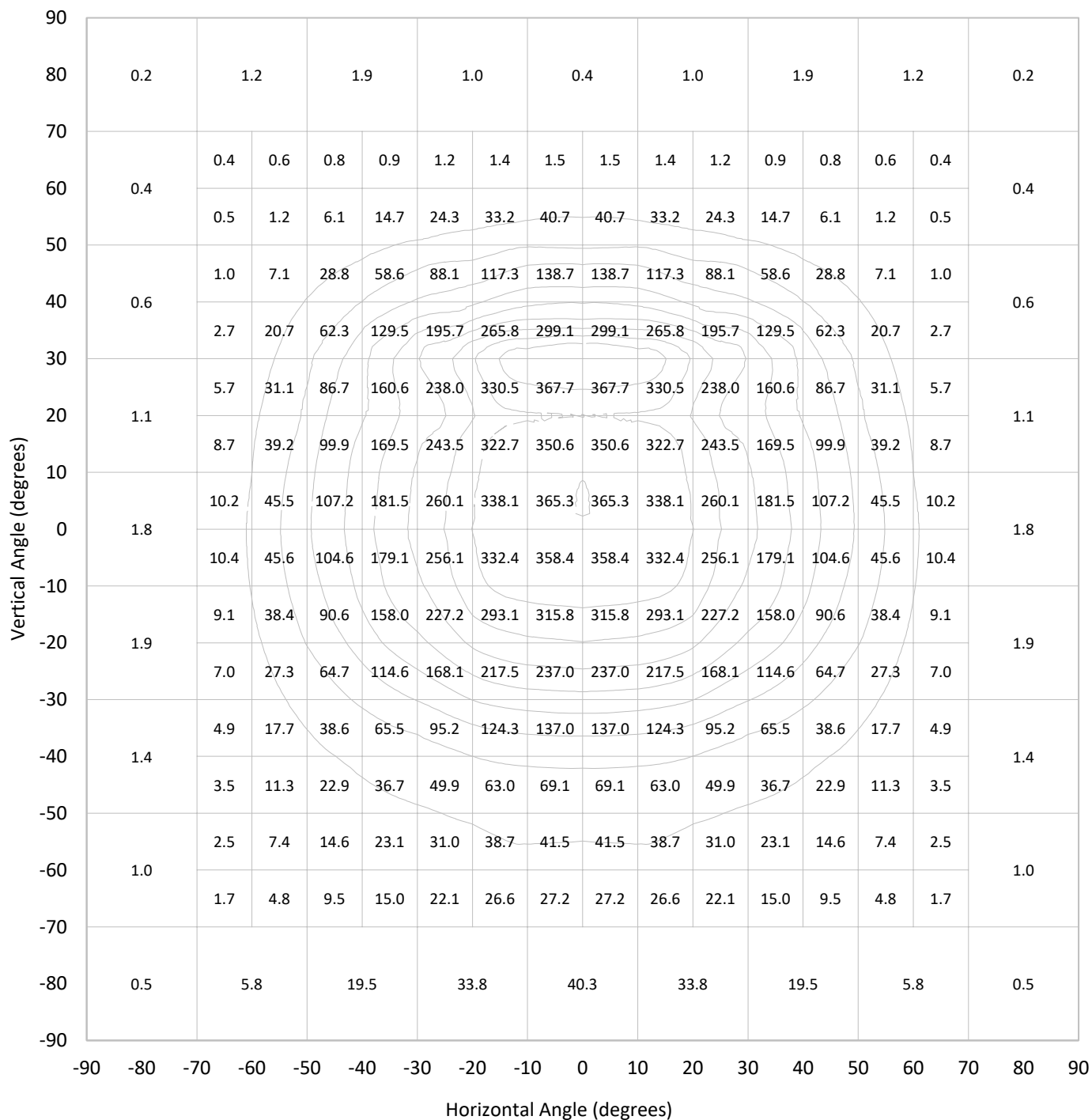
Iso-Candela Plot



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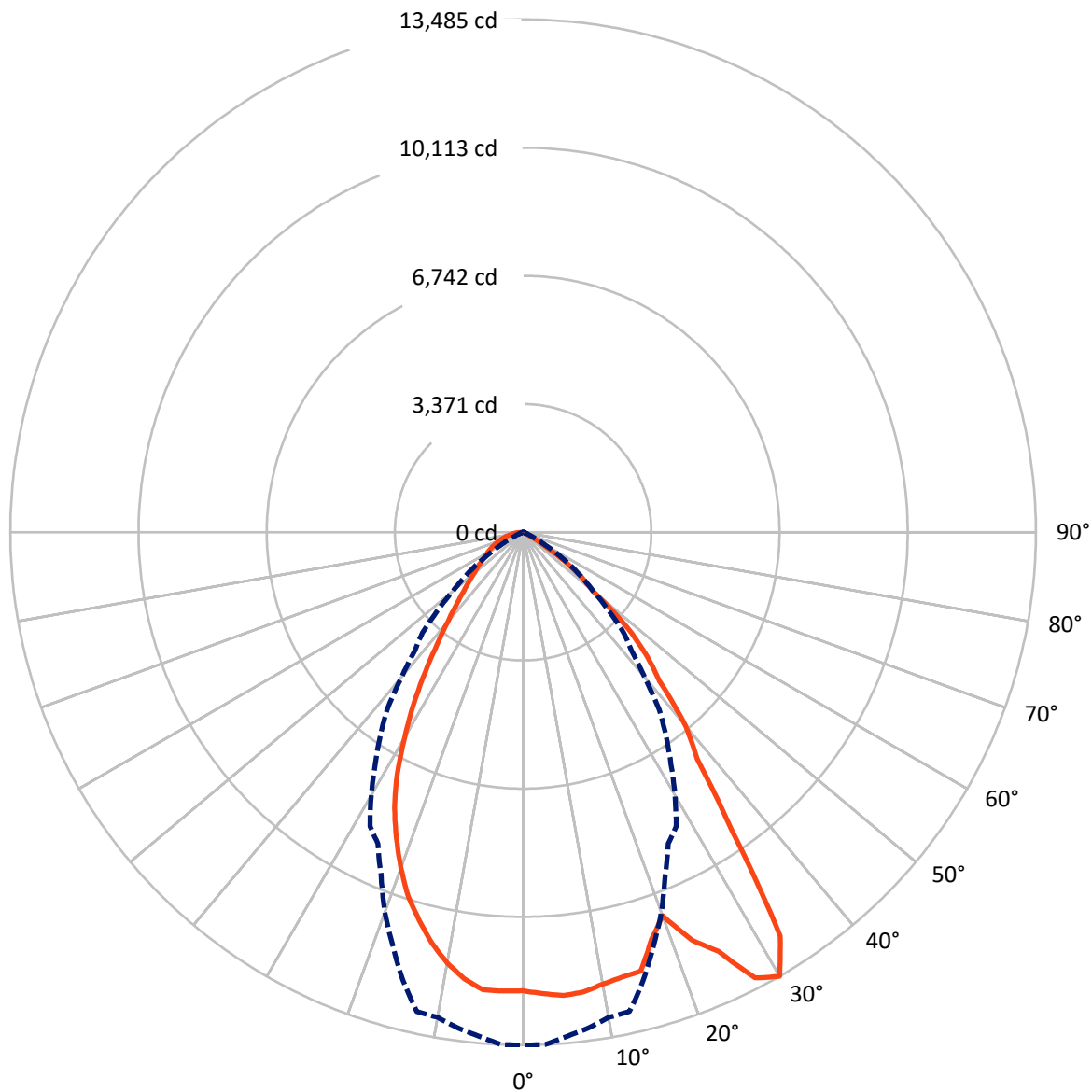
Lumen Table



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Luminous Intensity Polar Plot



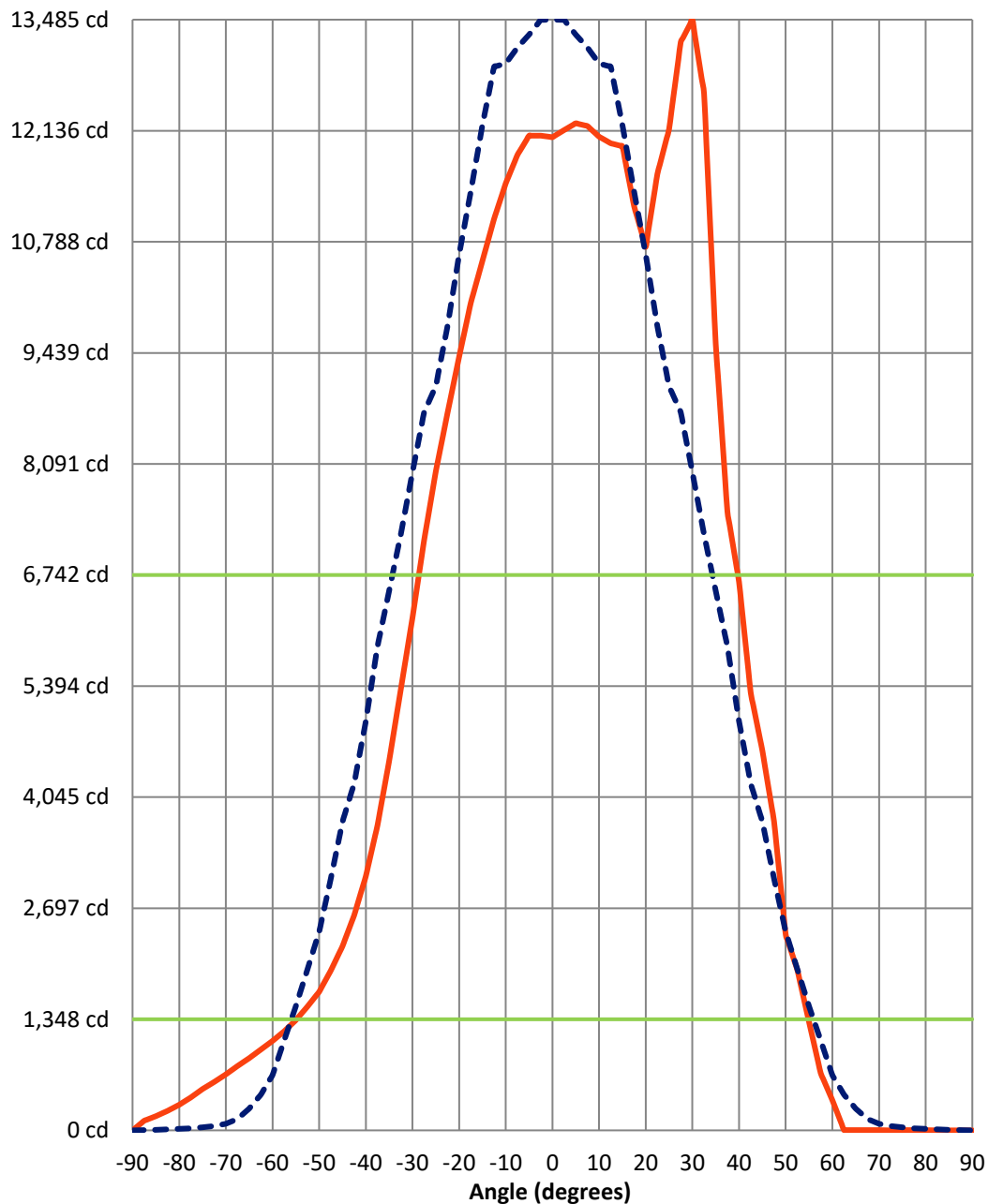
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12322.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 18210.5

Efficiency: 94.3%

Spill:

Lumens: 1105.4

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	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	6.2	9.2
82.5°	0.0	3.1	3.1	3.1	6.2	6.2	6.2	6.2	9.2	9.2	12.3
80°	3.1	3.1	3.1	3.1	6.2	6.2	6.2	9.2	9.2	12.3	12.3
77.5°	3.1	3.1	3.1	6.2	6.2	6.2	9.2	9.2	12.3	12.3	15.4
75°	3.1	3.1	3.1	6.2	6.2	9.2	9.2	9.2	12.3	12.3	15.4
72.5°	0.0	3.1	3.1	6.2	6.2	9.2	9.2	9.2	12.3	12.3	12.3
70°	3.1	3.1	3.1	6.2	6.2	9.2	9.2	9.2	12.3	12.3	12.3
67.5°	3.1	3.1	3.1	6.2	6.2	9.2	9.2	12.3	12.3	12.3	15.4
65°	3.1	3.1	3.1	6.2	9.2	9.2	12.3	15.4	15.4	18.5	21.5
62.5°	3.1	6.2	6.2	9.2	12.3	15.4	33.8	52.3	52.3	36.9	30.8
60°	365.9	396.7	393.6	356.7	310.6	261.4	252.2	242.9	224.5	196.8	206.0
57.5°	695.0	731.9	747.3	738.0	713.4	670.4	645.8	618.1	581.2	538.2	489.0
55°	1316.2	1331.5	1297.7	1233.1	1162.4	1091.7	1067.1	1030.2	974.8	919.5	845.7
52.5°	1946.6	1998.9	1983.5	1918.9	1823.6	1697.5	1559.1	1451.5	1386.9	1325.4	1251.6
50°	2377.1	2398.6	2441.7	2518.6	2546.2	2460.1	2235.6	1946.6	1740.5	1845.1	1765.1
47.5°	3751.7	3859.3	3837.8	3782.5	3690.2	3456.5	3142.8	2884.5	2669.2	2598.5	2610.8
45°	4609.7	4652.7	4637.4	4612.8	4569.7	4351.4	4003.9	3607.2	3407.3	3327.3	3244.3
42.5°	5313.9	5360.0	5369.2	5372.3	5326.2	5126.3	4812.6	4415.9	4216.1	3985.4	3804.0
40°	6657.7	6725.4	6648.5	6547.0	6393.3	6165.7	5858.2	5492.3	5138.6	4855.7	4640.4
37.5°	7515.7	7598.7	7629.5	7623.3	7589.5	7491.1	7112.9	6765.4	6224.1	5590.7	5704.4
35°	9551.5	9637.6	9613.0	9520.7	9471.5	9367.0	8997.9	8585.9	7906.3	7217.4	7032.9
32.5°	12586.7	12774.2	12423.7	12039.3	11802.5	11885.5	11510.4	10501.7	10188.0	8945.7	8370.6
30°	13484.6	13481.5	13303.2	13146.3	12952.6	12912.6	12205.3	11399.6	10630.9	9760.6	9034.8
27.5°	13210.9	13155.6	13004.9	12891.1	12709.7	12614.3	11922.4	11282.8	10394.1	9616.1	8914.9
25°	12156.1	12199.2	12045.4	12023.9	11953.2	11768.7	11424.2	10704.7	9911.3	9050.2	8545.9
22.5°	11611.8	11596.5	11411.9	11304.3	11390.4	11193.6	11055.2	10329.5	9502.3	8776.5	8170.7
20°	10726.2	10729.3	10683.1	10673.9	10621.6	10532.5	10421.7	9908.2	9323.9	8702.7	7973.9
17.5°	11221.3	11347.4	11402.7	10944.5	11073.7	10972.2	10855.3	10138.8	9699.1	9148.6	8198.4
15°	11947.0	11900.9	11845.5	11820.9	11750.2	11654.9	11442.7	10870.7	10114.2	9545.3	8804.2
12.5°	11983.9	11894.8	11873.2	11870.1	11796.3	11664.1	11458.1	10984.5	10314.1	9622.2	9019.5
10°	12063.9	11971.6	11959.3	11974.7	11860.9	11777.9	11571.9	11132.1	10375.6	9754.4	9185.5
7.5°	12193.0	12039.3	12110.0	12063.9	12011.6	11879.4	11658.0	11227.4	10600.1	9929.7	9333.1
5°	12226.9	12057.7	12134.6	12091.6	12014.7	11885.5	11645.7	11288.9	10738.5	10000.4	9391.6
2.5°	12143.8	12094.6	12060.8	11980.9	11947.0	11805.6	11578.0	11196.7	10673.9	9969.7	9379.3
0°	12057.7	12100.8	12023.9	11944.0	11928.6	11814.8	11621.1	11276.6	10824.6	10055.8	9483.8
-2.5°	12076.2	12042.4	11990.1	11907.1	11827.1	11664.1	11488.8	11165.9	10680.1	9868.2	9336.2
-5°	12076.2	11919.4	11925.5	11928.6	11848.6	11679.5	11467.3	11193.6	10594.0	9865.1	9293.2
-7.5°	11842.5	11707.2	11685.6	11667.2	11645.7	11488.8	11322.8	10981.4	10449.4	9785.2	9173.2
-10°	11498.1	11365.8	11378.1	11350.4	11282.8	11178.2	11052.2	10744.6	10308.0	9533.0	8930.3
-12.5°	11067.5	11009.1	10975.3	10929.1	10861.5	10769.2	10640.1	10351.0	9883.6	9222.4	8650.4
-15°	10557.1	10514.0	10483.2	10455.6	10357.2	10261.8	10092.7	9825.2	9533.0	8822.7	8238.4
-17.5°	10046.6	9938.9	9895.9	9859.0	9794.4	9640.7	9486.9	9287.0	8878.0	8315.3	7814.0
-20°	9391.6	9327.0	9274.7	9225.5	9133.2	9013.3	8887.2	8656.6	8303.0	7847.8	7328.1

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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°	8705.8	8668.9	8625.8	8564.3	8502.8	8389.1	8213.8	7992.4	7715.6	7223.6	6737.7
-25°	7998.5	7927.8	7875.5	7817.1	7767.9	7663.3	7494.2	7282.0	6934.5	6510.1	6104.2
-27.5°	7165.1	7097.5	7069.8	7002.2	6959.1	6863.8	6694.6	6497.8	6184.2	5827.4	5415.4
-30°	6224.1	6236.4	6205.7	6141.1	6088.8	5965.8	5836.7	5670.6	5424.6	5083.3	4714.2
-32.5°	5353.9	5369.2	5332.3	5264.7	5197.0	5107.9	4987.9	4837.2	4652.7	4326.8	4006.9
-35°	4483.6	4477.4	4446.7	4406.7	4360.6	4286.8	4151.5	4037.7	3825.5	3597.9	3376.5
-37.5°	3702.5	3717.9	3708.7	3687.1	3634.8	3573.3	3462.6	3358.1	3201.3	3001.4	2829.2
-40°	3084.4	3102.8	3090.5	3069.0	3022.9	2986.0	2912.2	2819.9	2693.8	2521.6	2377.1
-42.5°	2610.8	2623.1	2607.7	2589.3	2549.3	2521.6	2463.2	2386.3	2281.8	2149.5	2020.4
-45°	2235.6	2238.7	2223.3	2211.0	2180.3	2146.5	2097.3	2035.8	1952.7	1860.5	1755.9
-47.5°	1940.4	1937.4	1922.0	1909.7	1885.1	1854.3	1814.3	1759.0	1694.4	1623.7	1540.7
-50°	1682.1	1697.5	1691.3	1679.0	1660.6	1639.1	1599.1	1540.7	1476.1	1423.8	1365.4
-52.5°	1503.8	1506.8	1503.8	1503.8	1500.7	1485.3	1439.2	1380.8	1310.0	1263.9	1214.7
-55°	1337.7	1353.1	1359.2	1365.4	1368.4	1368.4	1313.1	1251.6	1183.9	1137.8	1100.9
-57.5°	1202.4	1211.6	1217.8	1233.1	1245.4	1254.7	1205.5	1150.1	1097.8	1054.8	1021.0
-60°	1085.5	1097.8	1107.1	1122.4	1131.7	1137.8	1107.1	1070.2	1039.4	1011.7	962.5
-62.5°	981.0	990.2	999.4	1008.7	1017.9	1024.0	1011.7	993.3	977.9	965.6	904.1
-65°	876.4	885.6	894.9	907.2	916.4	922.6	919.5	907.2	894.9	882.6	827.2
-67.5°	781.1	790.3	802.6	805.7	811.8	814.9	808.8	799.5	784.2	768.8	725.7
-70°	679.6	685.8	691.9	691.9	691.9	688.8	682.7	670.4	655.0	633.5	599.7
-72.5°	587.4	593.5	599.7	590.4	584.3	575.1	565.8	550.5	535.1	519.7	501.3
-75°	501.3	504.3	504.3	492.0	482.8	473.6	461.3	452.0	436.7	424.4	409.0
-77.5°	399.8	399.8	399.8	390.5	384.4	378.2	369.0	359.8	347.5	338.3	326.0
-80°	310.6	310.6	310.6	307.5	298.3	292.1	286.0	279.8	270.6	264.5	258.3
-82.5°	236.8	236.8	236.8	233.7	227.6	224.5	218.3	212.2	209.1	203.0	199.9
-85°	172.2	175.3	175.3	172.2	169.1	163.0	159.9	156.8	153.8	150.7	144.5
-87.5°	116.9	116.9	116.9	113.8	110.7	110.7	107.6	101.5	95.3	92.3	89.2
-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	9.2	9.2	9.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	9.2
82.5°	15.4	15.4	18.5	18.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
80°	15.4	18.5	21.5	24.6	27.7	30.8	30.8	30.8	30.8	27.7	27.7
77.5°	18.5	18.5	21.5	24.6	27.7	30.8	33.8	36.9	33.8	33.8	33.8
75°	18.5	21.5	21.5	24.6	27.7	30.8	33.8	36.9	36.9	36.9	36.9
72.5°	15.4	18.5	21.5	24.6	24.6	27.7	30.8	30.8	33.8	33.8	36.9
70°	15.4	18.5	21.5	21.5	24.6	24.6	27.7	30.8	30.8	33.8	33.8
67.5°	18.5	21.5	21.5	24.6	27.7	27.7	27.7	30.8	30.8	33.8	33.8
65°	21.5	24.6	24.6	27.7	30.8	30.8	33.8	33.8	33.8	36.9	36.9
62.5°	36.9	36.9	36.9	33.8	36.9	36.9	36.9	40.0	40.0	36.9	40.0
60°	190.7	138.4	95.3	119.9	107.6	49.2	49.2	49.2	46.1	46.1	43.1
57.5°	449.0	418.2	359.8	304.4	273.7	242.9	150.7	61.5	61.5	55.4	49.2
55°	750.3	648.9	605.8	532.0	452.0	415.1	344.4	233.7	110.7	73.8	64.6
52.5°	1162.4	1067.1	956.4	805.7	698.1	612.0	553.5	439.7	295.2	156.8	98.4
50°	1556.0	1513.0	1445.3	1297.7	1073.2	928.7	833.4	704.2	528.9	322.9	184.5
47.5°	2506.3	2146.5	1928.1	1814.3	1626.8	1353.1	1168.6	1024.0	811.8	544.3	326.0
45°	3155.1	2927.6	2580.1	2340.2	2063.4	1774.4	1534.5	1368.4	1116.3	814.9	510.5
42.5°	3711.7	3514.9	3201.3	2850.7	2558.5	2180.3	1872.8	1654.4	1442.3	1113.2	762.6
40°	4428.2	4194.5	3893.2	3551.8	3210.5	2727.7	2229.5	1965.0	1731.3	1439.2	1030.2
37.5°	5609.1	5197.0	4705.0	4326.8	3880.9	3471.9	2789.2	2321.8	2045.0	1740.5	1343.8
35°	7029.8	6577.8	5756.7	5255.5	4658.9	4050.0	3435.0	2743.0	2349.4	2026.5	1632.9
32.5°	8352.2	7691.0	6639.3	6051.9	5655.2	4532.8	3896.2	3296.6	2663.1	2266.4	1799.0
30°	8718.1	7989.3	7235.9	6550.1	5873.6	4966.4	4213.0	3745.6	3056.7	2410.9	1955.8
27.5°	8349.1	7847.8	7263.5	6627.0	5895.1	5117.1	4406.7	3960.8	3345.8	2509.3	2078.8
25°	7973.9	7451.1	7042.1	6510.1	5833.6	5107.9	4412.9	4096.1	3570.3	2700.0	2146.5
22.5°	7577.2	7251.2	6913.0	6319.5	5679.8	5135.5	4612.8	4213.0	3687.1	2915.3	2174.1
20°	7598.7	7386.6	7014.5	6221.1	5652.2	5298.5	4852.6	4360.6	3813.2	3102.8	2195.7
17.5°	7943.2	7666.4	7199.0	6510.1	5901.2	5464.6	5052.5	4563.5	3942.4	3268.9	2457.1
15°	8367.5	7946.2	7457.3	6851.5	6162.6	5646.0	5206.3	4705.0	4090.0	3422.7	2690.8
12.5°	8675.0	8075.4	7617.2	7069.8	6445.6	5842.8	5307.7	4812.6	4228.4	3548.7	2866.1
10°	8779.6	8235.3	7694.1	7205.1	6590.1	5947.4	5384.6	4880.3	4348.3	3647.1	2995.2
7.5°	8835.0	8373.7	7746.3	7266.6	6676.2	6012.0	5446.1	4917.2	4443.6	3714.8	3078.2
5°	8828.8	8447.5	7786.3	7285.1	6722.3	6039.6	5489.2	4926.4	4511.3	3773.2	3127.4
2.5°	8801.1	8496.7	7850.9	7315.8	6814.6	6091.9	5572.2	4944.9	4535.9	3837.8	3161.3
0°	8902.6	8499.8	7918.6	7325.1	6876.1	6110.4	5609.1	4929.5	4502.0	3856.3	3158.2
-2.5°	8684.3	8318.3	7903.2	7245.1	6793.0	6067.3	5541.5	4880.3	4428.2	3834.7	3145.9
-5°	8647.4	8186.1	7774.0	7171.3	6654.7	5978.1	5415.4	4788.0	4311.4	3764.0	3096.7
-7.5°	8549.0	8060.0	7647.9	7112.9	6525.5	5885.9	5295.4	4692.7	4185.3	3653.3	3026.0
-10°	8333.7	7866.3	7512.6	6986.8	6368.7	5753.6	5150.9	4566.6	4037.7	3502.6	2915.3
-12.5°	8026.2	7558.8	7208.2	6719.2	6171.9	5575.3	4978.7	4403.6	3868.6	3342.7	2783.0
-15°	7678.7	7205.1	6854.5	6408.7	5879.7	5298.5	4760.4	4197.6	3674.8	3173.6	2626.2
-17.5°	7285.1	6836.1	6497.8	6064.2	5538.4	4984.8	4449.8	3939.3	3450.3	2998.3	2444.8
-20°	6829.9	6393.3	6082.7	5649.1	5166.3	4628.1	4108.4	3625.6	3185.9	2761.5	2244.9

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CATALOG NUMBER: IFLD-M-SA4A-760-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°	6267.2	5882.8	5529.2	5141.7	4720.4	4228.4	3745.6	3318.1	2896.8	2481.7	2038.8
-25°	5692.1	5320.0	4975.6	4622.0	4219.1	3794.8	3382.7	2995.2	2583.1	2208.0	1839.0
-27.5°	5052.5	4720.4	4412.9	4086.9	3717.9	3351.9	3013.7	2635.4	2278.7	1958.9	1642.1
-30°	4369.8	4099.2	3831.7	3542.6	3244.3	2936.8	2635.4	2278.7	1998.9	1743.6	1476.1
-32.5°	3714.8	3471.9	3256.6	3041.3	2783.0	2530.9	2263.3	1998.9	1765.1	1540.7	1316.2
-35°	3139.7	2881.4	2761.5	2589.3	2383.3	2155.7	1937.4	1752.8	1565.3	1362.3	1162.4
-37.5°	2641.6	2475.5	2334.1	2204.9	2041.9	1845.1	1688.3	1537.6	1380.8	1196.2	1024.0
-40°	2251.0	2131.1	1989.6	1894.3	1762.1	1620.6	1463.8	1337.7	1205.5	1054.8	913.3
-42.5°	1937.4	1839.0	1746.7	1645.2	1546.8	1426.9	1291.6	1171.6	1051.7	941.0	824.1
-45°	1679.0	1608.3	1534.5	1451.5	1365.4	1260.8	1150.1	1027.1	941.0	842.6	744.2
-47.5°	1466.9	1414.6	1353.1	1288.5	1214.7	1122.4	1021.0	931.8	842.6	759.6	664.2
-50°	1297.7	1248.5	1199.3	1144.0	1079.4	999.4	922.6	839.5	756.5	676.5	587.4
-52.5°	1156.3	1113.2	1073.2	1027.1	965.6	897.9	827.2	753.4	676.5	596.6	525.9
-55°	1057.9	1008.7	968.7	922.6	867.2	802.6	738.0	670.4	596.6	535.1	476.7
-57.5°	977.9	922.6	876.4	827.2	771.9	716.5	658.1	596.6	541.2	482.8	427.4
-60°	910.2	845.7	793.4	744.2	691.9	639.6	590.4	538.2	485.9	433.6	378.2
-62.5°	839.5	771.9	707.3	661.2	621.2	575.1	532.0	482.8	436.7	384.4	344.4
-65°	759.6	695.0	633.5	593.5	556.6	516.6	476.7	433.6	393.6	353.6	316.7
-67.5°	670.4	615.0	572.0	535.1	498.2	464.4	427.4	390.5	356.7	316.7	279.8
-70°	562.8	532.0	507.4	479.7	445.9	415.1	381.3	347.5	310.6	276.8	242.9
-72.5°	479.7	461.3	442.8	415.1	384.4	356.7	329.0	298.3	267.5	236.8	209.1
-75°	393.6	378.2	362.9	344.4	319.8	298.3	273.7	246.0	221.4	199.9	178.4
-77.5°	316.7	304.4	295.2	279.8	261.4	242.9	227.6	209.1	190.7	169.1	147.6
-80°	252.2	246.0	242.9	236.8	221.4	206.0	193.7	178.4	159.9	144.5	129.2
-82.5°	196.8	196.8	193.7	190.7	178.4	166.1	156.8	144.5	132.2	119.9	104.6
-85°	144.5	141.5	141.5	138.4	129.2	123.0	113.8	107.6	98.4	86.1	80.0
-87.5°	86.1	83.0	80.0	76.9	70.7	67.7	61.5	58.4	52.3	46.1	43.1
-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-M-SA4A-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	0.0	0.0
85°	9.2	6.2	6.2	6.2	6.2	6.2	3.1	3.1	3.1	3.1	3.1
82.5°	18.5	18.5	15.4	15.4	12.3	9.2	6.2	6.2	6.2	3.1	3.1
80°	27.7	27.7	27.7	24.6	21.5	15.4	12.3	9.2	6.2	3.1	3.1
77.5°	33.8	30.8	30.8	27.7	27.7	24.6	18.5	15.4	9.2	6.2	3.1
75°	33.8	33.8	33.8	30.8	30.8	27.7	24.6	18.5	15.4	9.2	6.2
72.5°	36.9	33.8	33.8	33.8	30.8	27.7	24.6	21.5	18.5	12.3	6.2
70°	33.8	33.8	33.8	33.8	30.8	30.8	24.6	21.5	21.5	12.3	9.2
67.5°	33.8	33.8	33.8	30.8	30.8	27.7	24.6	21.5	21.5	15.4	9.2
65°	36.9	33.8	33.8	33.8	30.8	27.7	24.6	21.5	21.5	18.5	12.3
62.5°	40.0	36.9	36.9	33.8	30.8	27.7	24.6	21.5	21.5	18.5	12.3
60°	43.1	40.0	36.9	36.9	33.8	30.8	24.6	24.6	21.5	18.5	12.3
57.5°	46.1	43.1	43.1	40.0	36.9	33.8	27.7	24.6	21.5	18.5	15.4
55°	55.4	49.2	46.1	46.1	43.1	36.9	30.8	24.6	21.5	18.5	15.4
52.5°	73.8	58.4	52.3	52.3	49.2	43.1	33.8	27.7	21.5	18.5	15.4
50°	116.9	73.8	61.5	55.4	55.4	49.2	40.0	30.8	21.5	18.5	15.4
47.5°	184.5	123.0	73.8	64.6	61.5	58.4	46.1	30.8	24.6	18.5	15.4
45°	304.4	181.4	119.9	76.9	64.6	61.5	52.3	33.8	24.6	21.5	15.4
42.5°	418.2	282.9	184.5	92.3	76.9	67.7	55.4	36.9	27.7	21.5	15.4
40°	658.1	387.5	258.3	150.7	89.2	70.7	61.5	43.1	27.7	21.5	15.4
37.5°	891.8	513.6	347.5	221.4	101.5	80.0	64.6	46.1	30.8	21.5	18.5
35°	1125.5	719.6	430.5	295.2	135.3	95.3	67.7	49.2	30.8	21.5	18.5
32.5°	1334.6	913.3	516.6	369.0	203.0	113.8	73.8	52.3	33.8	24.6	18.5
30°	1506.8	1091.7	670.4	433.6	264.5	138.4	80.0	52.3	36.9	24.6	18.5
27.5°	1636.0	1230.1	827.2	501.3	316.7	163.0	92.3	58.4	36.9	24.6	18.5
25°	1740.5	1337.7	965.6	572.0	362.9	203.0	110.7	61.5	40.0	27.7	18.5
22.5°	1823.6	1426.9	1079.4	667.3	418.2	242.9	135.3	67.7	40.0	27.7	18.5
20°	1937.4	1516.1	1156.3	768.8	476.7	279.8	156.8	73.8	40.0	27.7	21.5
17.5°	2035.8	1605.2	1217.8	854.9	535.1	307.5	181.4	80.0	43.1	27.7	21.5
15°	2149.5	1691.3	1273.1	922.6	590.4	332.1	203.0	86.1	43.1	30.8	21.5
12.5°	2272.5	1771.3	1313.1	977.9	648.9	353.6	221.4	98.4	46.1	30.8	21.5
10°	2398.6	1839.0	1346.9	1017.9	691.9	375.2	233.7	110.7	49.2	30.8	21.5
7.5°	2524.7	1900.5	1390.0	1036.3	710.4	399.8	239.9	123.0	49.2	33.8	21.5
5°	2610.8	1940.4	1451.5	1048.6	719.6	427.4	249.1	138.4	52.3	33.8	21.5
2.5°	2684.6	1965.0	1516.1	1057.9	722.7	442.8	246.0	147.6	55.4	33.8	21.5
0°	2718.4	1965.0	1559.1	1051.7	713.4	458.2	246.0	156.8	55.4	33.8	21.5
-2.5°	2666.2	2020.4	1546.8	1054.8	716.5	458.2	258.3	159.9	61.5	36.9	21.5
-5°	2583.1	2041.9	1509.9	1039.4	710.4	458.2	273.7	163.0	64.6	36.9	24.6
-7.5°	2503.2	2051.1	1466.9	1024.0	701.1	445.9	276.8	159.9	70.7	40.0	24.6
-10°	2398.6	1949.7	1411.5	996.4	682.7	436.7	282.9	159.9	73.8	40.0	24.6
-12.5°	2278.7	1826.6	1343.8	956.4	661.2	427.4	286.0	159.9	76.9	43.1	24.6
-15°	2140.3	1700.6	1267.0	913.3	630.4	415.1	279.8	156.8	80.0	43.1	27.7
-17.5°	1983.5	1577.6	1187.0	861.0	596.6	399.8	267.5	153.8	80.0	43.1	27.7
-20°	1805.1	1454.6	1097.8	808.8	556.6	381.3	255.2	147.6	80.0	43.1	27.7

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CATALOG NUMBER: IFLD-M-SA4A-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°	1645.2	1340.8	1005.6	750.3	513.6	359.8	239.9	141.5	80.0	46.1	27.7
-25°	1513.0	1230.1	934.9	691.9	467.4	335.2	224.5	135.3	80.0	46.1	27.7
-27.5°	1374.6	1110.1	861.0	636.6	436.7	313.7	209.1	129.2	76.9	46.1	27.7
-30°	1233.1	993.3	784.2	575.1	405.9	292.1	196.8	119.9	76.9	46.1	27.7
-32.5°	1104.0	897.9	713.4	513.6	372.1	270.6	184.5	116.9	73.8	46.1	27.7
-35°	977.9	811.8	639.6	464.4	335.2	249.1	172.2	113.8	73.8	46.1	27.7
-37.5°	873.3	731.9	572.0	430.5	313.7	230.6	159.9	107.6	70.7	46.1	27.7
-40°	787.2	658.1	507.4	393.6	295.2	212.2	147.6	104.6	70.7	46.1	27.7
-42.5°	707.3	587.4	467.4	362.9	276.8	199.9	138.4	101.5	67.7	46.1	27.7
-45°	636.6	525.9	427.4	335.2	255.2	184.5	132.2	95.3	64.6	46.1	30.8
-47.5°	565.8	482.8	390.5	310.6	233.7	166.1	126.1	92.3	61.5	43.1	30.8
-50°	510.5	436.7	359.8	282.9	212.2	159.9	119.9	86.1	61.5	43.1	30.8
-52.5°	461.3	393.6	326.0	255.2	193.7	150.7	113.8	80.0	58.4	43.1	30.8
-55°	415.1	353.6	292.1	227.6	181.4	141.5	104.6	73.8	58.4	43.1	30.8
-57.5°	369.0	316.7	258.3	206.0	166.1	132.2	98.4	73.8	58.4	43.1	30.8
-60°	332.1	282.9	233.7	190.7	153.8	119.9	89.2	70.7	55.4	43.1	30.8
-62.5°	301.4	255.2	212.2	172.2	141.5	107.6	86.1	70.7	55.4	43.1	27.7
-65°	270.6	230.6	190.7	156.8	126.1	101.5	83.0	67.7	55.4	43.1	27.7
-67.5°	239.9	203.0	172.2	138.4	116.9	98.4	80.0	67.7	52.3	40.0	27.7
-70°	209.1	178.4	150.7	129.2	110.7	92.3	76.9	64.6	52.3	36.9	24.6
-72.5°	184.5	156.8	135.3	119.9	104.6	89.2	73.8	61.5	49.2	33.8	21.5
-75°	156.8	138.4	123.0	107.6	95.3	83.0	70.7	55.4	43.1	30.8	21.5
-77.5°	132.2	119.9	107.6	98.4	86.1	73.8	61.5	49.2	40.0	27.7	18.5
-80°	113.8	104.6	95.3	86.1	76.9	64.6	55.4	43.1	33.8	24.6	15.4
-82.5°	92.3	86.1	76.9	70.7	64.6	55.4	46.1	36.9	24.6	18.5	12.3
-85°	70.7	64.6	61.5	55.4	49.2	40.0	30.8	24.6	18.5	12.3	6.2
-87.5°	36.9	33.8	30.8	27.7	24.6	18.5	15.4	12.3	9.2	6.2	3.1
-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-M-SA4A-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°	3.1	0.0	0.0	0.0
77.5°	3.1	0.0	0.0	0.0
75°	3.1	3.1	0.0	0.0
72.5°	3.1	3.1	0.0	0.0
70°	3.1	3.1	0.0	0.0
67.5°	6.2	3.1	0.0	0.0
65°	6.2	3.1	0.0	0.0
62.5°	6.2	3.1	0.0	0.0
60°	6.2	3.1	0.0	0.0
57.5°	9.2	3.1	3.1	0.0
55°	9.2	3.1	3.1	0.0
52.5°	9.2	3.1	3.1	0.0
50°	9.2	6.2	3.1	0.0
47.5°	9.2	6.2	3.1	0.0
45°	9.2	6.2	3.1	0.0
42.5°	9.2	6.2	3.1	0.0
40°	12.3	6.2	3.1	0.0
37.5°	12.3	6.2	3.1	0.0
35°	12.3	6.2	3.1	0.0
32.5°	12.3	6.2	3.1	0.0
30°	12.3	6.2	3.1	0.0
27.5°	12.3	9.2	3.1	0.0
25°	12.3	9.2	3.1	0.0
22.5°	15.4	9.2	3.1	0.0
20°	15.4	9.2	3.1	0.0
17.5°	15.4	9.2	3.1	0.0
15°	15.4	9.2	3.1	0.0
12.5°	15.4	9.2	3.1	0.0
10°	15.4	9.2	3.1	0.0
7.5°	15.4	9.2	3.1	0.0
5°	15.4	9.2	3.1	0.0
2.5°	15.4	9.2	3.1	0.0
0°	15.4	9.2	3.1	0.0
-2.5°	15.4	9.2	3.1	0.0
-5°	15.4	9.2	3.1	0.0
-7.5°	15.4	9.2	3.1	0.0
-10°	15.4	9.2	3.1	0.0
-12.5°	18.5	9.2	3.1	0.0
-15°	18.5	9.2	3.1	0.0
-17.5°	18.5	9.2	3.1	0.0
-20°	18.5	9.2	3.1	0.0

REPORT NUMBER: P722554

CATALOG NUMBER: IFLD-M-SA4A-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.5	9.2	3.1	0.0
-25°	18.5	9.2	3.1	0.0
-27.5°	18.5	9.2	3.1	0.0
-30°	18.5	9.2	3.1	0.0
-32.5°	18.5	9.2	3.1	0.0
-35°	18.5	9.2	3.1	0.0
-37.5°	18.5	9.2	3.1	0.0
-40°	18.5	9.2	3.1	0.0
-42.5°	15.4	9.2	3.1	0.0
-45°	18.5	9.2	3.1	0.0
-47.5°	18.5	9.2	3.1	0.0
-50°	18.5	9.2	3.1	0.0
-52.5°	18.5	9.2	3.1	0.0
-55°	18.5	9.2	3.1	0.0
-57.5°	18.5	9.2	3.1	0.0
-60°	18.5	9.2	3.1	0.0
-62.5°	15.4	9.2	3.1	0.0
-65°	15.4	6.2	3.1	0.0
-67.5°	15.4	6.2	3.1	0.0
-70°	15.4	6.2	3.1	0.0
-72.5°	12.3	6.2	3.1	0.0
-75°	12.3	6.2	3.1	0.0
-77.5°	9.2	3.1	0.0	0.0
-80°	9.2	3.1	0.0	0.0
-82.5°	6.2	3.1	0.0	0.0
-85°	3.1	3.1	0.0	0.0
-87.5°	3.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)