

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: P722409

Luminaire Tested: **IFLD-M-SA4A-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722409
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-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

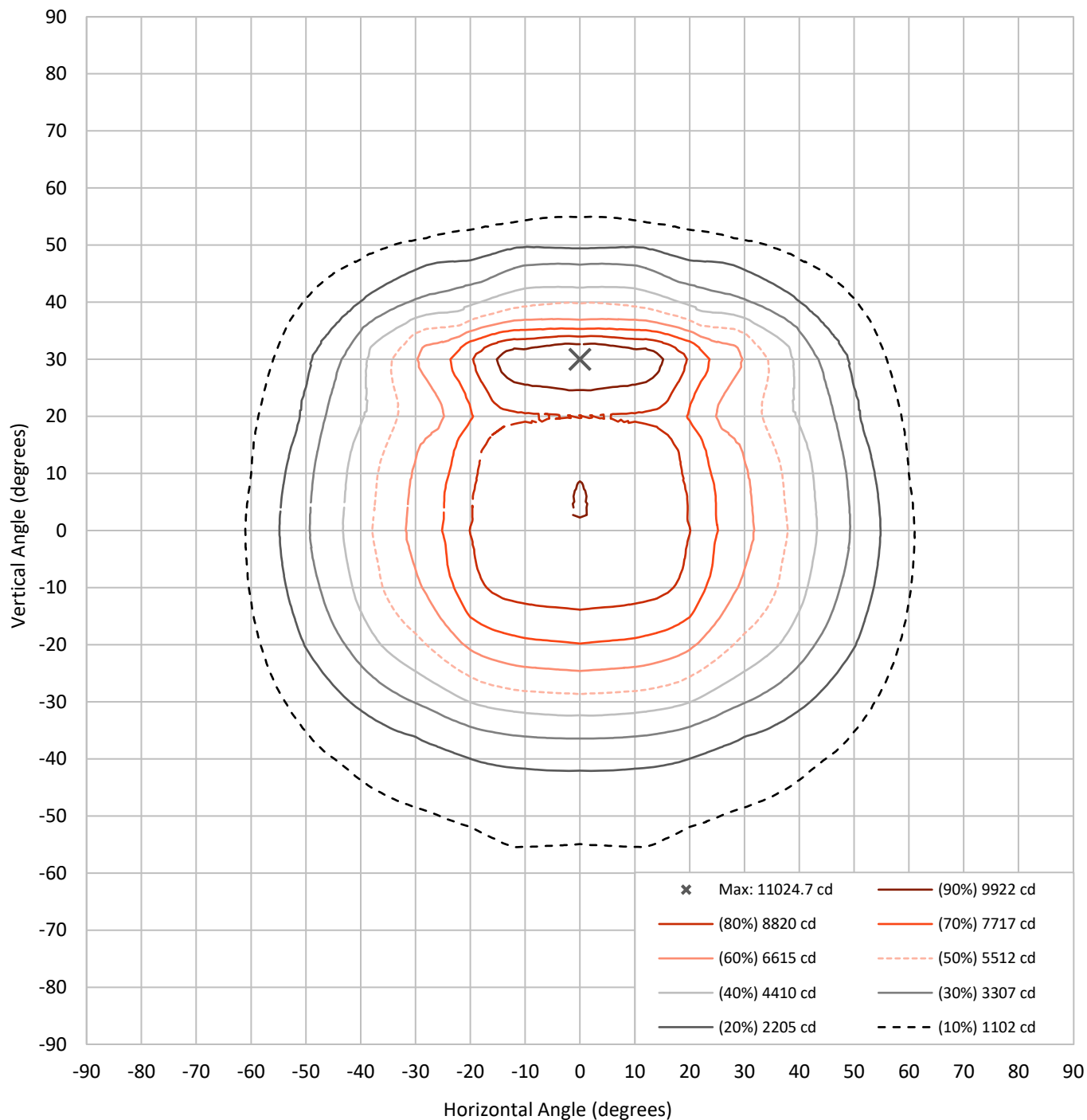
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15792.2 lumens	Max Intensity:	11024.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	122.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10074.7 lumens	Field Lumens:	14888.5 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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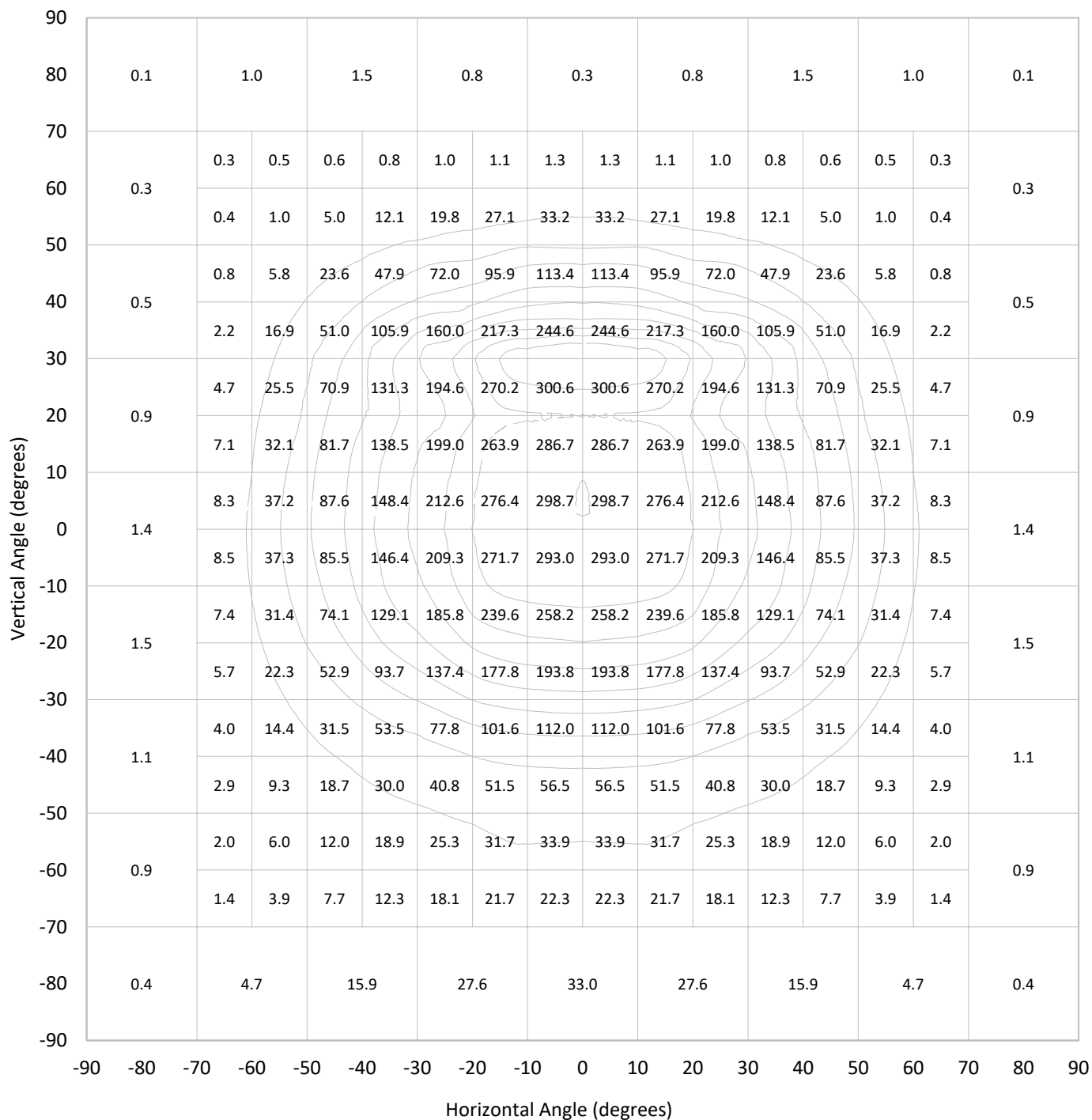
Iso-Candela Plot



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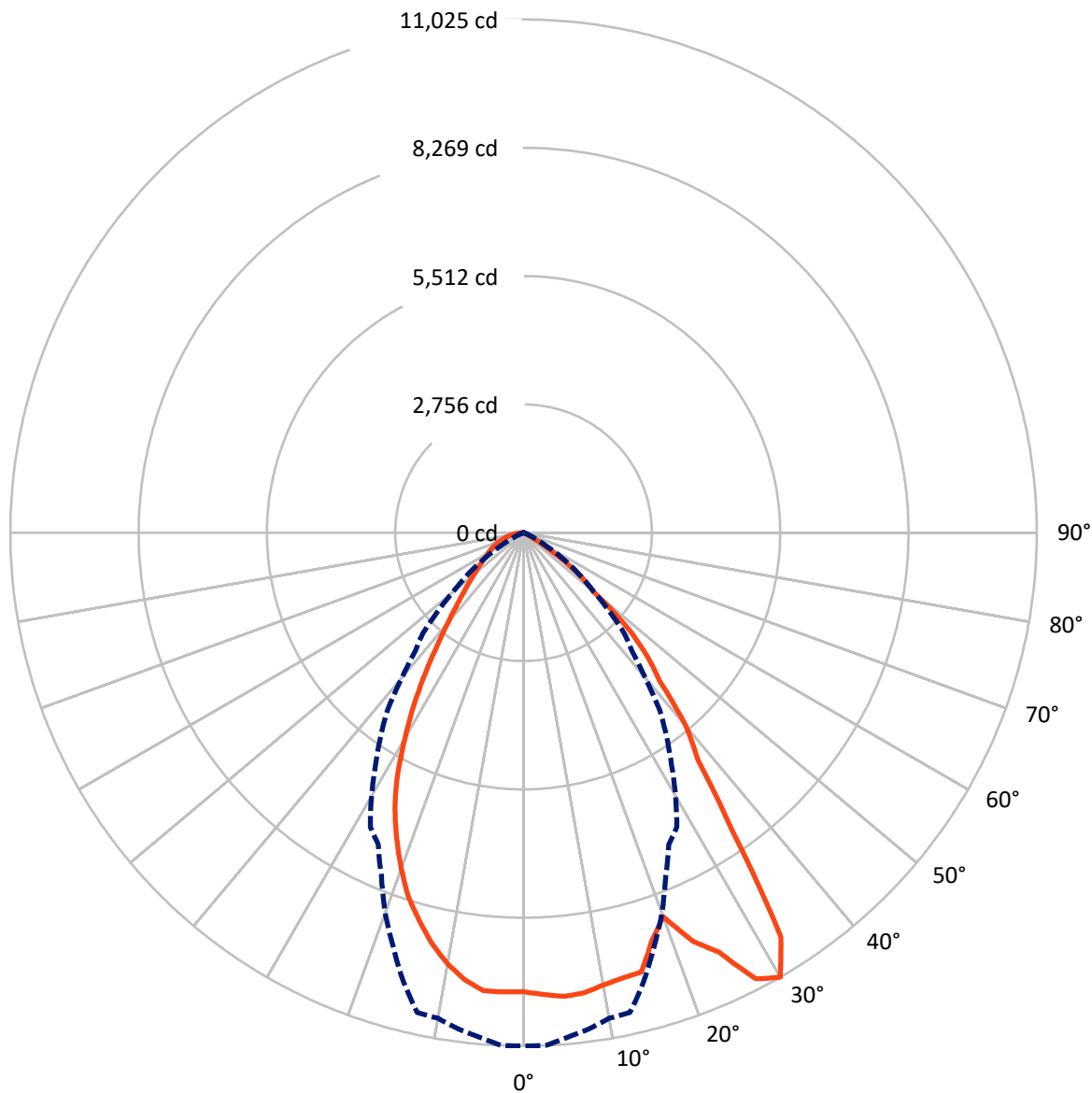
Lumen Table



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Luminous Intensity Polar Plot



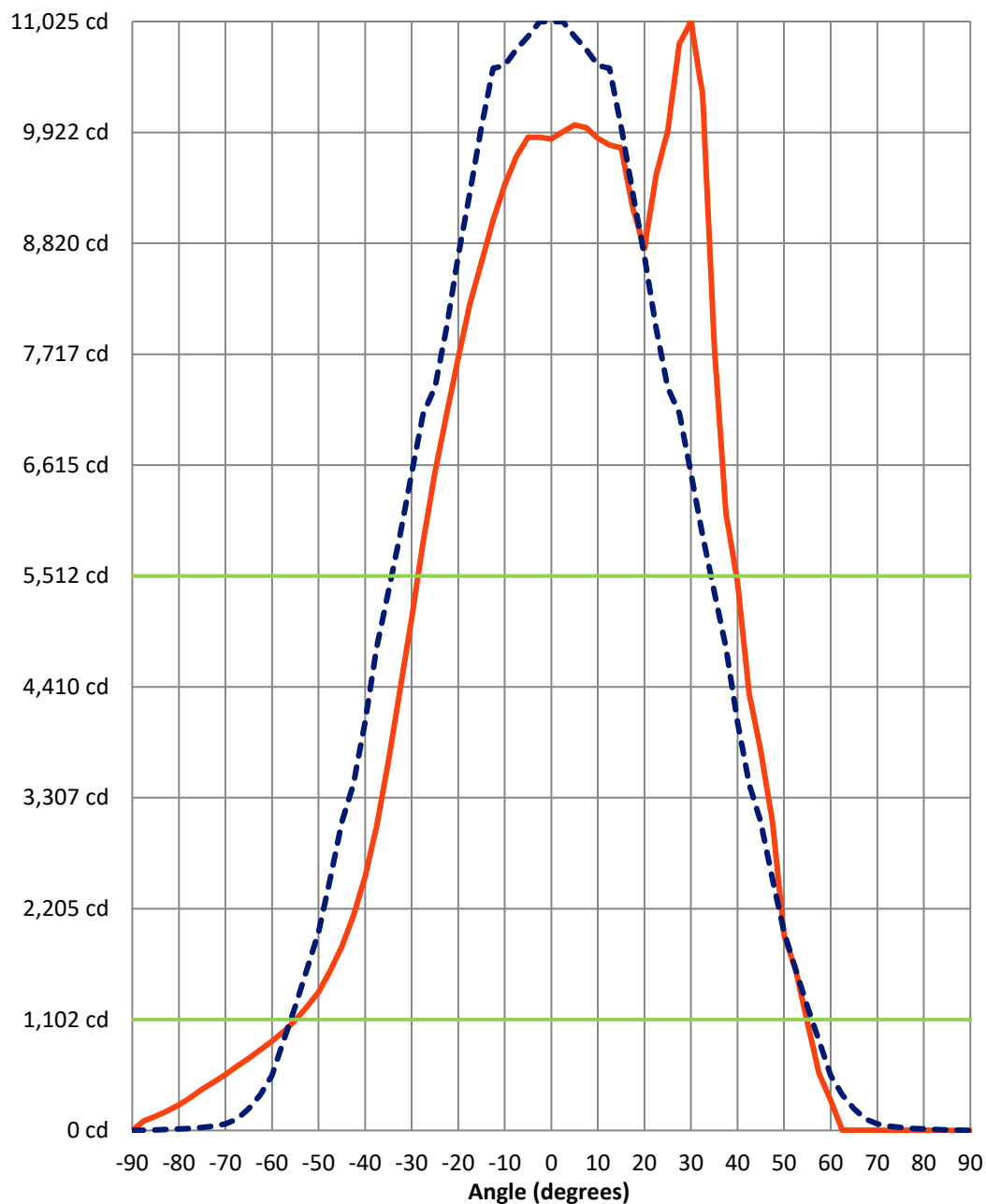
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10074.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14888.5

Efficiency: 94.3%

Spill:

Lumens: 903.7

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	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	7.5
82.5°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	10.1
80°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.1	10.1
77.5°	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.1	10.1	12.6
75°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.1	10.1	12.6
72.5°	0.0	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.1	10.1	10.1
70°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.1	10.1	10.1
67.5°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.1	10.1	10.1	12.6
65°	2.5	2.5	2.5	5.0	7.5	7.5	10.1	12.6	12.6	15.1	17.6
62.5°	2.5	5.0	5.0	7.5	10.1	12.6	27.7	42.7	42.7	30.2	25.1
60°	299.2	324.3	321.8	291.6	253.9	213.7	206.2	198.6	183.5	160.9	168.5
57.5°	568.2	598.4	610.9	603.4	583.3	548.1	528.0	505.4	475.2	440.0	399.8
55°	1076.1	1088.6	1061.0	1008.2	950.4	892.5	872.4	842.3	797.0	751.7	691.4
52.5°	1591.5	1634.2	1621.7	1568.9	1490.9	1387.8	1274.7	1186.7	1133.9	1083.6	1023.3
50°	1943.5	1961.1	1996.3	2059.1	2081.7	2011.4	1827.8	1591.5	1423.0	1508.5	1443.1
47.5°	3067.3	3155.3	3137.7	3092.5	3017.0	2825.9	2569.5	2358.3	2182.3	2124.5	2134.5
45°	3768.8	3804.0	3791.4	3771.3	3736.1	3557.6	3273.5	2949.1	2785.7	2720.4	2652.5
42.5°	4344.5	4382.2	4389.8	4392.3	4354.6	4191.2	3934.7	3610.4	3447.0	3258.4	3110.1
40°	5443.2	5498.5	5435.7	5352.7	5227.0	5040.9	4789.5	4490.3	4201.2	3969.9	3793.9
37.5°	6144.7	6212.6	6237.7	6232.7	6205.0	6124.6	5815.3	5531.2	5088.7	4570.8	4663.8
35°	7809.1	7879.5	7859.4	7783.9	7743.7	7658.2	7356.5	7019.6	6464.0	5900.8	5749.9
32.5°	10290.6	10443.9	10157.3	9843.0	9649.5	9717.3	9410.6	8586.0	8329.5	7313.8	6843.6
30°	11024.7	11022.2	10876.4	10748.2	10589.8	10557.1	9978.8	9320.1	8691.5	7980.0	7386.7
27.5°	10801.0	10755.7	10632.5	10539.5	10391.1	10313.2	9747.5	9224.6	8498.0	7861.9	7288.6
25°	9938.6	9973.8	9848.1	9830.5	9772.6	9621.8	9340.2	8751.9	8103.2	7399.3	6986.9
22.5°	9493.6	9481.0	9330.2	9242.2	9312.6	9151.6	9038.5	8445.2	7768.8	7175.5	6680.2
20°	8769.5	8772.0	8734.3	8726.7	8684.0	8611.1	8520.6	8100.7	7623.0	7115.2	6519.3
17.5°	9174.3	9277.4	9322.6	8948.0	9053.6	8970.6	8875.1	8289.3	7929.7	7479.7	6702.8
15°	9767.6	9729.9	9684.7	9664.5	9606.7	9528.8	9355.3	8887.7	8269.2	7804.0	7198.1
12.5°	9797.8	9724.9	9707.3	9704.8	9644.4	9536.3	9367.9	8980.7	8432.6	7866.9	7374.1
10°	9863.2	9787.7	9777.7	9790.2	9697.2	9629.3	9460.9	9101.4	8482.9	7975.0	7509.9
7.5°	9968.8	9843.0	9900.9	9863.2	9820.4	9712.3	9531.3	9179.3	8666.4	8118.3	7630.6
5°	9996.4	9858.1	9921.0	9885.8	9822.9	9717.3	9521.2	9229.6	8779.5	8176.1	7678.3
2.5°	9928.5	9888.3	9860.6	9795.3	9767.6	9652.0	9465.9	9154.2	8726.7	8151.0	7668.3
0°	9858.1	9893.3	9830.5	9765.1	9752.5	9659.5	9501.1	9219.5	8849.9	8221.4	7753.8
-2.5°	9873.2	9845.6	9802.8	9734.9	9669.6	9536.3	9393.0	9129.0	8731.8	8068.0	7633.1
-5°	9873.2	9745.0	9750.0	9752.5	9687.2	9548.9	9375.4	9151.6	8661.4	8065.5	7597.9
-7.5°	9682.1	9571.5	9553.9	9538.8	9521.2	9393.0	9257.2	8978.2	8543.2	8000.1	7499.8
-10°	9400.5	9292.4	9302.5	9279.9	9224.6	9139.1	9036.0	8784.6	8427.6	7794.0	7301.2
-12.5°	9048.6	9000.8	8973.1	8935.4	8880.1	8804.7	8699.1	8462.8	8080.6	7540.1	7072.4
-15°	8631.2	8596.0	8570.9	8548.2	8467.8	8389.8	8251.6	8032.8	7794.0	7213.2	6735.5
-17.5°	8213.9	8125.9	8090.7	8060.5	8007.7	7882.0	7756.3	7592.8	7258.5	6798.4	6388.6
-20°	7678.3	7625.5	7582.8	7542.6	7467.1	7369.1	7266.0	7077.4	6788.3	6416.2	5991.3

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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°	7117.7	7087.5	7052.3	7002.0	6951.7	6858.7	6715.4	6534.4	6308.1	5905.8	5508.6
-25°	6539.4	6481.6	6438.8	6391.1	6350.8	6265.4	6127.1	5953.6	5669.5	5322.5	4990.7
-27.5°	5858.1	5802.7	5780.1	5724.8	5689.6	5611.7	5473.4	5312.5	5056.0	4764.4	4427.5
-30°	5088.7	5098.8	5073.6	5020.8	4978.1	4877.5	4771.9	4636.2	4435.0	4156.0	3854.3
-32.5°	4377.2	4389.8	4359.6	4304.3	4249.0	4176.1	4078.0	3954.8	3804.0	3537.5	3276.0
-35°	3665.7	3660.7	3635.5	3602.8	3565.1	3504.8	3394.2	3301.1	3127.7	2941.6	2760.6
-37.5°	3027.1	3039.7	3032.1	3014.5	2971.8	2921.5	2831.0	2745.5	2617.3	2453.8	2313.1
-40°	2521.7	2536.8	2526.8	2509.2	2471.4	2441.3	2380.9	2305.5	2202.4	2061.6	1943.5
-42.5°	2134.5	2144.6	2132.0	2116.9	2084.3	2061.6	2013.9	1951.0	1865.5	1757.4	1651.8
-45°	1827.8	1830.3	1817.8	1807.7	1782.6	1754.9	1714.7	1664.4	1596.5	1521.1	1435.6
-47.5°	1586.5	1583.9	1571.4	1561.3	1541.2	1516.1	1483.4	1438.1	1385.3	1327.5	1259.6
-50°	1375.3	1387.8	1382.8	1372.7	1357.7	1340.1	1307.4	1259.6	1206.8	1164.1	1116.3
-52.5°	1229.4	1232.0	1229.4	1229.4	1226.9	1214.4	1176.6	1128.9	1071.0	1033.3	993.1
-55°	1093.7	1106.2	1111.3	1116.3	1118.8	1118.8	1073.6	1023.3	968.0	930.2	900.1
-57.5°	983.0	990.6	995.6	1008.2	1018.2	1025.8	985.6	940.3	897.6	862.4	834.7
-60°	887.5	897.6	905.1	917.7	925.2	930.2	905.1	874.9	849.8	827.2	786.9
-62.5°	802.0	809.6	817.1	824.7	832.2	837.2	827.2	812.1	799.5	789.5	739.2
-65°	716.5	724.1	731.6	741.7	749.2	754.3	751.7	741.7	731.6	721.6	676.3
-67.5°	638.6	646.1	656.2	658.7	663.7	666.3	661.2	653.7	641.1	628.5	593.3
-70°	555.6	560.7	565.7	565.7	565.7	563.2	558.1	548.1	535.5	517.9	490.3
-72.5°	480.2	485.2	490.3	482.7	477.7	470.2	462.6	450.0	437.5	424.9	409.8
-75°	409.8	412.3	412.3	402.3	394.7	387.2	377.1	369.6	357.0	347.0	334.4
-77.5°	326.8	326.8	326.8	319.3	314.3	309.2	301.7	294.2	284.1	276.6	266.5
-80°	253.9	253.9	253.9	251.4	243.9	238.8	233.8	228.8	221.2	216.2	211.2
-82.5°	193.6	193.6	193.6	191.1	186.0	183.5	178.5	173.5	171.0	165.9	163.4
-85°	140.8	143.3	143.3	140.8	138.3	133.3	130.7	128.2	125.7	123.2	118.2
-87.5°	95.5	95.5	95.5	93.0	90.5	90.5	88.0	83.0	77.9	75.4	72.9
-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.5	7.5	7.5	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.5
82.5°	12.6	12.6	15.1	15.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
80°	12.6	15.1	17.6	20.1	22.6	25.1	25.1	25.1	25.1	22.6	22.6
77.5°	15.1	15.1	17.6	20.1	22.6	25.1	27.7	30.2	27.7	27.7	27.7
75°	15.1	17.6	17.6	20.1	22.6	25.1	27.7	30.2	30.2	30.2	30.2
72.5°	12.6	15.1	17.6	20.1	20.1	22.6	25.1	25.1	27.7	27.7	30.2
70°	12.6	15.1	17.6	17.6	20.1	20.1	22.6	25.1	25.1	27.7	27.7
67.5°	15.1	17.6	17.6	20.1	22.6	22.6	22.6	25.1	25.1	27.7	27.7
65°	17.6	20.1	20.1	22.6	25.1	25.1	27.7	27.7	27.7	30.2	30.2
62.5°	30.2	30.2	30.2	27.7	30.2	30.2	30.2	32.7	32.7	30.2	32.7
60°	155.9	113.1	77.9	98.1	88.0	40.2	40.2	40.2	37.7	37.7	35.2
57.5°	367.1	341.9	294.2	248.9	223.8	198.6	123.2	50.3	50.3	45.3	40.2
55°	613.5	530.5	495.3	435.0	369.6	339.4	281.6	191.1	90.5	60.3	52.8
52.5°	950.4	872.4	781.9	658.7	570.7	500.3	452.6	359.5	241.4	128.2	80.5
50°	1272.2	1237.0	1181.7	1061.0	877.5	759.3	681.3	575.7	432.4	264.0	150.9
47.5°	2049.1	1754.9	1576.4	1483.4	1330.0	1106.2	955.4	837.2	663.7	445.0	266.5
45°	2579.6	2393.5	2109.4	1913.3	1687.0	1450.7	1254.6	1118.8	912.7	666.3	417.4
42.5°	3034.6	2873.7	2617.3	2330.7	2091.8	1782.6	1531.1	1352.6	1179.2	910.1	623.5
40°	3620.4	3429.4	3183.0	2903.9	2624.8	2230.1	1822.8	1606.6	1415.5	1176.6	842.3
37.5°	4585.9	4249.0	3846.7	3537.5	3172.9	2838.5	2280.4	1898.2	1671.9	1423.0	1098.7
35°	5747.4	5377.8	4706.6	4296.7	3809.0	3311.2	2808.3	2242.7	1920.8	1656.9	1335.0
32.5°	6828.5	6288.0	5428.1	4947.9	4623.6	3705.9	3185.5	2695.2	2177.3	1853.0	1470.8
30°	7127.7	6531.9	5915.9	5355.2	4802.1	4060.4	3444.4	3062.3	2499.1	1971.1	1599.0
27.5°	6826.0	6416.2	5938.5	5418.1	4819.7	4183.6	3602.8	3238.3	2735.4	2051.6	1699.6
25°	6519.3	6091.9	5757.5	5322.5	4769.4	4176.1	3607.9	3348.9	2919.0	2207.5	1754.9
22.5°	6195.0	5928.5	5651.9	5166.7	4643.7	4198.7	3771.3	3444.4	3014.5	2383.5	1777.5
20°	6212.6	6039.1	5734.9	5086.2	4621.1	4331.9	3967.4	3565.1	3117.6	2536.8	1795.1
17.5°	6494.1	6267.9	5885.7	5322.5	4824.7	4467.7	4130.8	3731.1	3223.2	2672.6	2008.8
15°	6841.1	6496.7	6096.9	5601.6	5038.4	4616.0	4256.5	3846.7	3343.9	2798.3	2199.9
12.5°	7092.5	6602.3	6227.6	5780.1	5269.7	4777.0	4339.5	3934.7	3457.0	2901.4	2343.2
10°	7178.0	6733.0	6290.5	5890.7	5387.9	4862.4	4402.3	3990.0	3555.1	2981.8	2448.8
7.5°	7223.3	6846.1	6333.2	5941.0	5458.3	4915.2	4452.6	4020.2	3633.0	3037.1	2516.7
5°	7218.2	6906.5	6365.9	5956.1	5496.0	4937.9	4487.8	4027.7	3688.3	3084.9	2556.9
2.5°	7195.6	6946.7	6418.7	5981.3	5571.4	4980.6	4555.7	4042.8	3708.4	3137.7	2584.6
0°	7278.6	6949.2	6474.0	5988.8	5621.7	4995.7	4585.9	4030.2	3680.8	3152.8	2582.1
-2.5°	7100.1	6800.9	6461.5	5923.4	5553.8	4960.5	4530.6	3990.0	3620.4	3135.2	2572.0
-5°	7069.9	6692.8	6355.9	5863.1	5440.7	4887.6	4427.5	3914.6	3524.9	3077.4	2531.8
-7.5°	6989.4	6589.7	6252.8	5815.3	5335.1	4812.2	4329.4	3836.7	3421.8	2986.9	2474.0
-10°	6813.5	6431.3	6142.2	5712.2	5206.9	4704.0	4211.3	3733.6	3301.1	2863.7	2383.5
-12.5°	6562.0	6179.9	5893.3	5493.5	5046.0	4558.2	4070.5	3600.3	3162.8	2732.9	2275.3
-15°	6277.9	5890.7	5604.1	5239.6	4807.1	4331.9	3892.0	3431.9	3004.5	2594.6	2147.1
-17.5°	5956.1	5589.0	5312.5	4958.0	4528.1	4075.5	3638.0	3220.7	2820.9	2451.3	1998.8
-20°	5584.0	5227.0	4973.1	4618.6	4223.8	3783.9	3359.0	2964.2	2604.7	2257.7	1835.4

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CATALOG NUMBER: IFLD-M-SA4A-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°	5123.9	4809.6	4520.5	4203.7	3859.3	3457.0	3062.3	2712.8	2368.4	2028.9	1666.9
-25°	4653.8	4349.5	4068.0	3778.8	3449.5	3102.5	2765.6	2448.8	2111.9	1805.2	1503.5
-27.5°	4130.8	3859.3	3607.9	3341.4	3039.7	2740.5	2463.9	2154.7	1863.0	1601.5	1342.6
-30°	3572.7	3351.4	3132.7	2896.3	2652.5	2401.0	2154.7	1863.0	1634.2	1425.5	1206.8
-32.5°	3037.1	2838.5	2662.5	2486.5	2275.3	2069.2	1850.4	1634.2	1443.1	1259.6	1076.1
-35°	2567.0	2355.8	2257.7	2116.9	1948.5	1762.4	1583.9	1433.1	1279.7	1113.8	950.4
-37.5°	2159.7	2023.9	1908.3	1802.7	1669.4	1508.5	1380.3	1257.1	1128.9	978.0	837.2
-40°	1840.4	1742.3	1626.7	1548.7	1440.6	1325.0	1196.8	1093.7	985.6	862.4	746.7
-42.5°	1583.9	1503.5	1428.1	1345.1	1264.6	1166.6	1056.0	957.9	859.9	769.3	673.8
-45°	1372.7	1314.9	1254.6	1186.7	1116.3	1030.8	940.3	839.7	769.3	688.9	608.4
-47.5°	1199.3	1156.5	1106.2	1053.4	993.1	917.7	834.7	761.8	688.9	621.0	543.1
-50°	1061.0	1020.8	980.5	935.3	882.5	817.1	754.3	686.4	618.5	553.1	480.2
-52.5°	945.3	910.1	877.5	839.7	789.5	734.1	676.3	616.0	553.1	487.8	429.9
-55°	864.9	824.7	792.0	754.3	709.0	656.2	603.4	548.1	487.8	437.5	389.7
-57.5°	799.5	754.3	716.5	676.3	631.1	585.8	538.0	487.8	442.5	394.7	349.5
-60°	744.2	691.4	648.7	608.4	565.7	523.0	482.7	440.0	397.2	354.5	309.2
-62.5°	686.4	631.1	578.3	540.6	507.9	470.2	435.0	394.7	357.0	314.3	281.6
-65°	621.0	568.2	517.9	485.2	455.1	422.4	389.7	354.5	321.8	289.1	259.0
-67.5°	548.1	502.8	467.6	437.5	407.3	379.6	349.5	319.3	291.6	259.0	228.8
-70°	460.1	435.0	414.8	392.2	364.6	339.4	311.8	284.1	253.9	226.3	198.6
-72.5°	392.2	377.1	362.0	339.4	314.3	291.6	269.0	243.9	218.7	193.6	171.0
-75°	321.8	309.2	296.7	281.6	261.5	243.9	223.8	201.1	181.0	163.4	145.8
-77.5°	259.0	248.9	241.4	228.8	213.7	198.6	186.0	171.0	155.9	138.3	120.7
-80°	206.2	201.1	198.6	193.6	181.0	168.5	158.4	145.8	130.7	118.2	105.6
-82.5°	160.9	160.9	158.4	155.9	145.8	135.8	128.2	118.2	108.1	98.1	85.5
-85°	118.2	115.7	115.7	113.1	105.6	100.6	93.0	88.0	80.5	70.4	65.4
-87.5°	70.4	67.9	65.4	62.9	57.8	55.3	50.3	47.8	42.7	37.7	35.2
-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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CATALOG NUMBER: IFLD-M-SA4A-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5
82.5°	15.1	15.1	12.6	12.6	10.1	7.5	5.0	5.0	5.0	2.5	2.5
80°	22.6	22.6	22.6	20.1	17.6	12.6	10.1	7.5	5.0	2.5	2.5
77.5°	27.7	25.1	25.1	22.6	22.6	20.1	15.1	12.6	7.5	5.0	2.5
75°	27.7	27.7	27.7	25.1	25.1	22.6	20.1	15.1	12.6	7.5	5.0
72.5°	30.2	27.7	27.7	27.7	25.1	22.6	20.1	17.6	15.1	10.1	5.0
70°	27.7	27.7	27.7	27.7	25.1	25.1	20.1	17.6	17.6	10.1	7.5
67.5°	27.7	27.7	27.7	25.1	25.1	22.6	20.1	17.6	17.6	12.6	7.5
65°	30.2	27.7	27.7	27.7	25.1	22.6	20.1	17.6	17.6	15.1	10.1
62.5°	32.7	30.2	30.2	27.7	25.1	22.6	20.1	17.6	17.6	15.1	10.1
60°	35.2	32.7	30.2	30.2	27.7	25.1	20.1	20.1	17.6	15.1	10.1
57.5°	37.7	35.2	35.2	32.7	30.2	27.7	22.6	20.1	17.6	15.1	12.6
55°	45.3	40.2	37.7	37.7	35.2	30.2	25.1	20.1	17.6	15.1	12.6
52.5°	60.3	47.8	42.7	42.7	40.2	35.2	27.7	22.6	17.6	15.1	12.6
50°	95.5	60.3	50.3	45.3	45.3	40.2	32.7	25.1	17.6	15.1	12.6
47.5°	150.9	100.6	60.3	52.8	50.3	47.8	37.7	25.1	20.1	15.1	12.6
45°	248.9	148.3	98.1	62.9	52.8	50.3	42.7	27.7	20.1	17.6	12.6
42.5°	341.9	231.3	150.9	75.4	62.9	55.3	45.3	30.2	22.6	17.6	12.6
40°	538.0	316.8	211.2	123.2	72.9	57.8	50.3	35.2	22.6	17.6	12.6
37.5°	729.1	419.9	284.1	181.0	83.0	65.4	52.8	37.7	25.1	17.6	15.1
35°	920.2	588.3	352.0	241.4	110.6	77.9	55.3	40.2	25.1	17.6	15.1
32.5°	1091.2	746.7	422.4	301.7	165.9	93.0	60.3	42.7	27.7	20.1	15.1
30°	1232.0	892.5	548.1	354.5	216.2	113.1	65.4	42.7	30.2	20.1	15.1
27.5°	1337.5	1005.7	676.3	409.8	259.0	133.3	75.4	47.8	30.2	20.1	15.1
25°	1423.0	1093.7	789.5	467.6	296.7	165.9	90.5	50.3	32.7	22.6	15.1
22.5°	1490.9	1166.6	882.5	545.6	341.9	198.6	110.6	55.3	32.7	22.6	15.1
20°	1583.9	1239.5	945.3	628.5	389.7	228.8	128.2	60.3	32.7	22.6	17.6
17.5°	1664.4	1312.4	995.6	698.9	437.5	251.4	148.3	65.4	35.2	22.6	17.6
15°	1757.4	1382.8	1040.9	754.3	482.7	271.5	165.9	70.4	35.2	25.1	17.6
12.5°	1858.0	1448.2	1073.6	799.5	530.5	289.1	181.0	80.5	37.7	25.1	17.6
10°	1961.1	1503.5	1101.2	832.2	565.7	306.7	191.1	90.5	40.2	25.1	17.6
7.5°	2064.1	1553.8	1136.4	847.3	580.8	326.8	196.1	100.6	40.2	27.7	17.6
5°	2134.5	1586.5	1186.7	857.3	588.3	349.5	203.6	113.1	42.7	27.7	17.6
2.5°	2194.9	1606.6	1239.5	864.9	590.8	362.0	201.1	120.7	45.3	27.7	17.6
0°	2222.5	1606.6	1274.7	859.9	583.3	374.6	201.1	128.2	45.3	27.7	17.6
-2.5°	2179.8	1651.8	1264.6	862.4	585.8	374.6	211.2	130.7	50.3	30.2	17.6
-5°	2111.9	1669.4	1234.5	849.8	580.8	374.6	223.8	133.3	52.8	30.2	20.1
-7.5°	2046.5	1677.0	1199.3	837.2	573.2	364.6	226.3	130.7	57.8	32.7	20.1
-10°	1961.1	1594.0	1154.0	814.6	558.1	357.0	231.3	130.7	60.3	32.7	20.1
-12.5°	1863.0	1493.4	1098.7	781.9	540.6	349.5	233.8	130.7	62.9	35.2	20.1
-15°	1749.9	1390.3	1035.8	746.7	515.4	339.4	228.8	128.2	65.4	35.2	22.6
-17.5°	1621.7	1289.8	970.5	704.0	487.8	326.8	218.7	125.7	65.4	35.2	22.6
-20°	1475.8	1189.2	897.6	661.2	455.1	311.8	208.7	120.7	65.4	35.2	22.6



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CATALOG NUMBER: IFLD-M-SA4A-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°	1345.1	1096.2	822.1	613.5	419.9	294.2	196.1	115.7	65.4	37.7	22.6
-25°	1237.0	1005.7	764.3	565.7	382.2	274.0	183.5	110.6	65.4	37.7	22.6
-27.5°	1123.8	907.6	704.0	520.4	357.0	256.4	171.0	105.6	62.9	37.7	22.6
-30°	1008.2	812.1	641.1	470.2	331.9	238.8	160.9	98.1	62.9	37.7	22.6
-32.5°	902.6	734.1	583.3	419.9	304.2	221.2	150.9	95.5	60.3	37.7	22.6
-35°	799.5	663.7	523.0	379.6	274.0	203.6	140.8	93.0	60.3	37.7	22.6
-37.5°	714.0	598.4	467.6	352.0	256.4	188.6	130.7	88.0	57.8	37.7	22.6
-40°	643.6	538.0	414.8	321.8	241.4	173.5	120.7	85.5	57.8	37.7	22.6
-42.5°	578.3	480.2	382.2	296.7	226.3	163.4	113.1	83.0	55.3	37.7	22.6
-45°	520.4	429.9	349.5	274.0	208.7	150.9	108.1	77.9	52.8	37.7	25.1
-47.5°	462.6	394.7	319.3	253.9	191.1	135.8	103.1	75.4	50.3	35.2	25.1
-50°	417.4	357.0	294.2	231.3	173.5	130.7	98.1	70.4	50.3	35.2	25.1
-52.5°	377.1	321.8	266.5	208.7	158.4	123.2	93.0	65.4	47.8	35.2	25.1
-55°	339.4	289.1	238.8	186.0	148.3	115.7	85.5	60.3	47.8	35.2	25.1
-57.5°	301.7	259.0	211.2	168.5	135.8	108.1	80.5	60.3	47.8	35.2	25.1
-60°	271.5	231.3	191.1	155.9	125.7	98.1	72.9	57.8	45.3	35.2	25.1
-62.5°	246.4	208.7	173.5	140.8	115.7	88.0	70.4	57.8	45.3	35.2	22.6
-65°	221.2	188.6	155.9	128.2	103.1	83.0	67.9	55.3	45.3	35.2	22.6
-67.5°	196.1	165.9	140.8	113.1	95.5	80.5	65.4	55.3	42.7	32.7	22.6
-70°	171.0	145.8	123.2	105.6	90.5	75.4	62.9	52.8	42.7	30.2	20.1
-72.5°	150.9	128.2	110.6	98.1	85.5	72.9	60.3	50.3	40.2	27.7	17.6
-75°	128.2	113.1	100.6	88.0	77.9	67.9	57.8	45.3	35.2	25.1	17.6
-77.5°	108.1	98.1	88.0	80.5	70.4	60.3	50.3	40.2	32.7	22.6	15.1
-80°	93.0	85.5	77.9	70.4	62.9	52.8	45.3	35.2	27.7	20.1	12.6
-82.5°	75.4	70.4	62.9	57.8	52.8	45.3	37.7	30.2	20.1	15.1	10.1
-85°	57.8	52.8	50.3	45.3	40.2	32.7	25.1	20.1	15.1	10.1	5.0
-87.5°	30.2	27.7	25.1	22.6	20.1	15.1	12.6	10.1	7.5	5.0	2.5
-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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CATALOG NUMBER: IFLD-M-SA4A-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°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.0	2.5	0.0	0.0
65°	5.0	2.5	0.0	0.0
62.5°	5.0	2.5	0.0	0.0
60°	5.0	2.5	0.0	0.0
57.5°	7.5	2.5	2.5	0.0
55°	7.5	2.5	2.5	0.0
52.5°	7.5	2.5	2.5	0.0
50°	7.5	5.0	2.5	0.0
47.5°	7.5	5.0	2.5	0.0
45°	7.5	5.0	2.5	0.0
42.5°	7.5	5.0	2.5	0.0
40°	10.1	5.0	2.5	0.0
37.5°	10.1	5.0	2.5	0.0
35°	10.1	5.0	2.5	0.0
32.5°	10.1	5.0	2.5	0.0
30°	10.1	5.0	2.5	0.0
27.5°	10.1	7.5	2.5	0.0
25°	10.1	7.5	2.5	0.0
22.5°	12.6	7.5	2.5	0.0
20°	12.6	7.5	2.5	0.0
17.5°	12.6	7.5	2.5	0.0
15°	12.6	7.5	2.5	0.0
12.5°	12.6	7.5	2.5	0.0
10°	12.6	7.5	2.5	0.0
7.5°	12.6	7.5	2.5	0.0
5°	12.6	7.5	2.5	0.0
2.5°	12.6	7.5	2.5	0.0
0°	12.6	7.5	2.5	0.0
-2.5°	12.6	7.5	2.5	0.0
-5°	12.6	7.5	2.5	0.0
-7.5°	12.6	7.5	2.5	0.0
-10°	12.6	7.5	2.5	0.0
-12.5°	15.1	7.5	2.5	0.0
-15°	15.1	7.5	2.5	0.0
-17.5°	15.1	7.5	2.5	0.0
-20°	15.1	7.5	2.5	0.0

REPORT NUMBER: P722409

CATALOG NUMBER: IFLD-M-SA4A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.1	7.5	2.5	0.0
-25°	15.1	7.5	2.5	0.0
-27.5°	15.1	7.5	2.5	0.0
-30°	15.1	7.5	2.5	0.0
-32.5°	15.1	7.5	2.5	0.0
-35°	15.1	7.5	2.5	0.0
-37.5°	15.1	7.5	2.5	0.0
-40°	15.1	7.5	2.5	0.0
-42.5°	12.6	7.5	2.5	0.0
-45°	15.1	7.5	2.5	0.0
-47.5°	15.1	7.5	2.5	0.0
-50°	15.1	7.5	2.5	0.0
-52.5°	15.1	7.5	2.5	0.0
-55°	15.1	7.5	2.5	0.0
-57.5°	15.1	7.5	2.5	0.0
-60°	15.1	7.5	2.5	0.0
-62.5°	12.6	7.5	2.5	0.0
-65°	12.6	5.0	2.5	0.0
-67.5°	12.6	5.0	2.5	0.0
-70°	12.6	5.0	2.5	0.0
-72.5°	10.1	5.0	2.5	0.0
-75°	10.1	5.0	2.5	0.0
-77.5°	7.5	2.5	0.0	0.0
-80°	7.5	2.5	0.0	0.0
-82.5°	5.0	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)