

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: P722635

Luminaire Tested: **IFLD-S-SA3E-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722635
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17461.6 lumens	Max Intensity:	12190.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	11139.7 lumens	Field Lumens:	16462.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

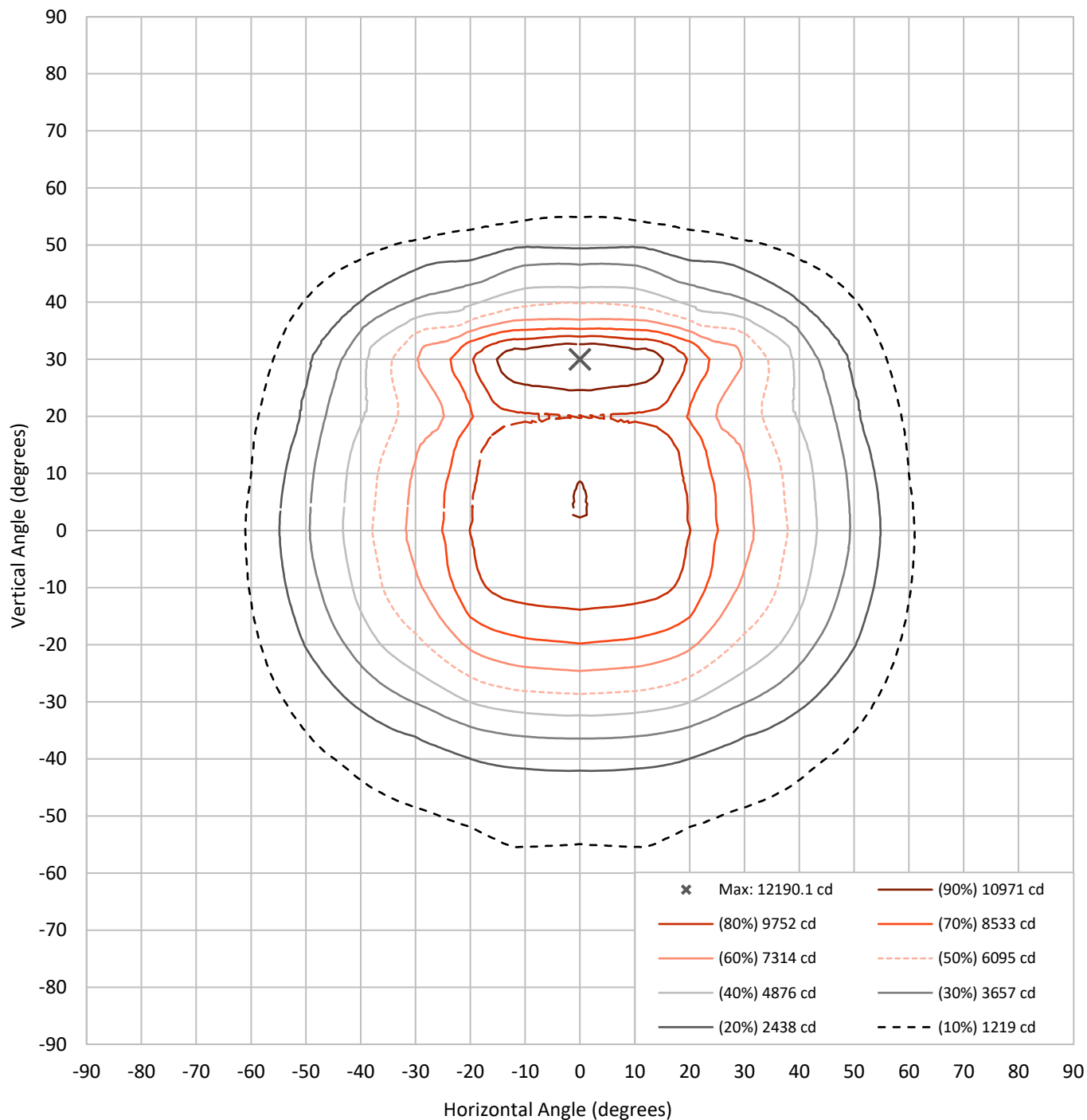
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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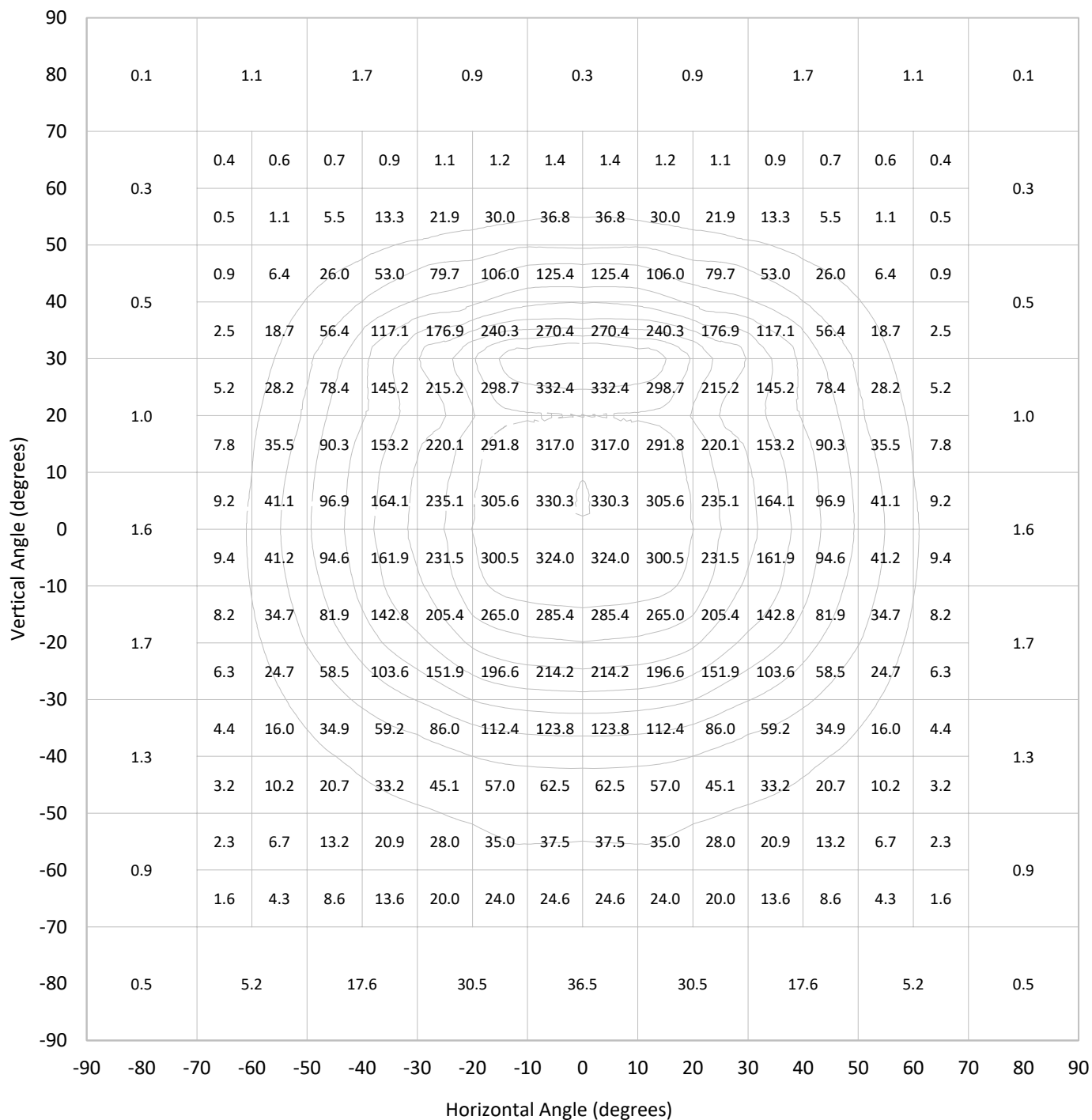
Iso-Candela Plot



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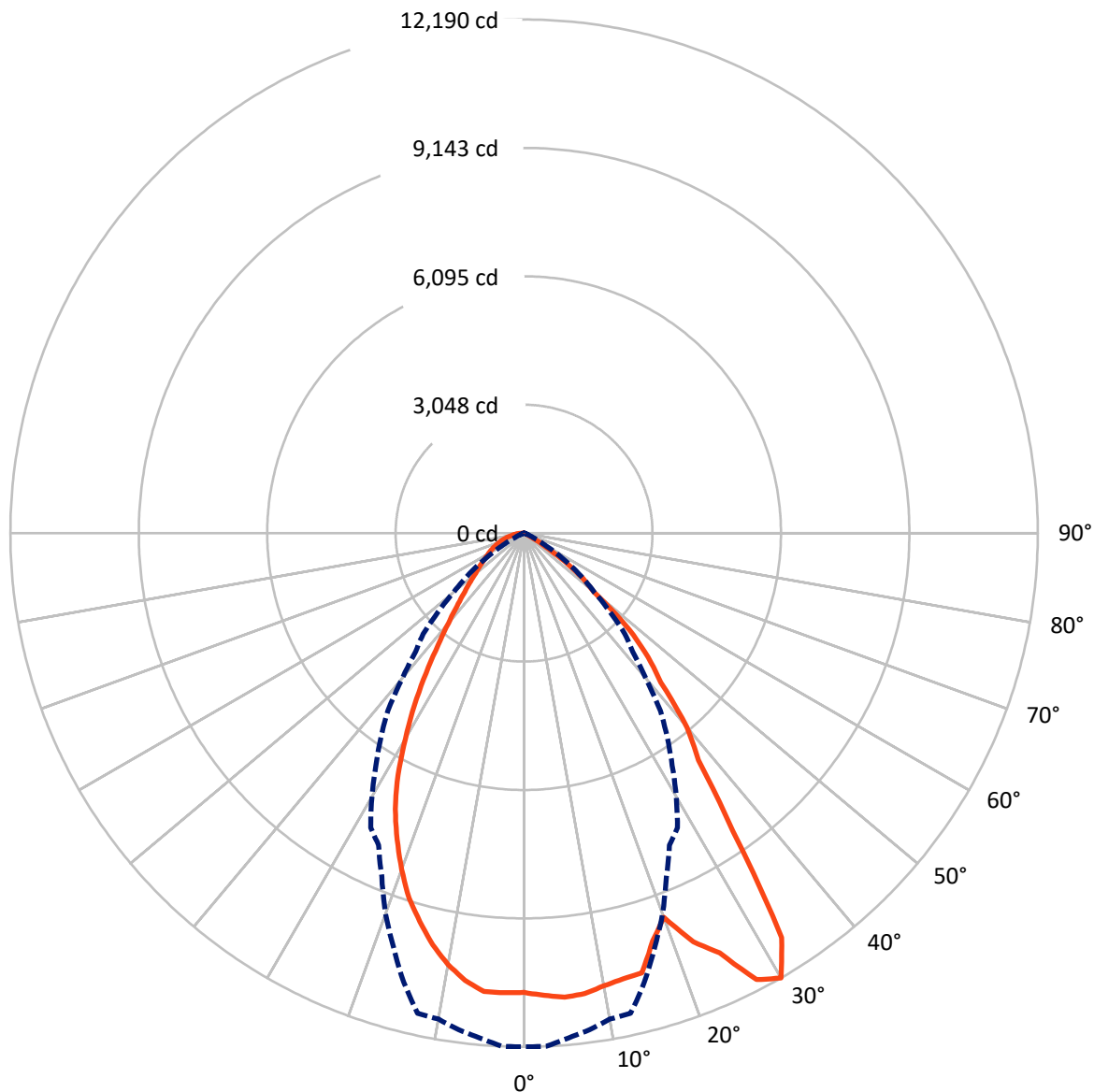
Lumen Table



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Luminous Intensity Polar Plot

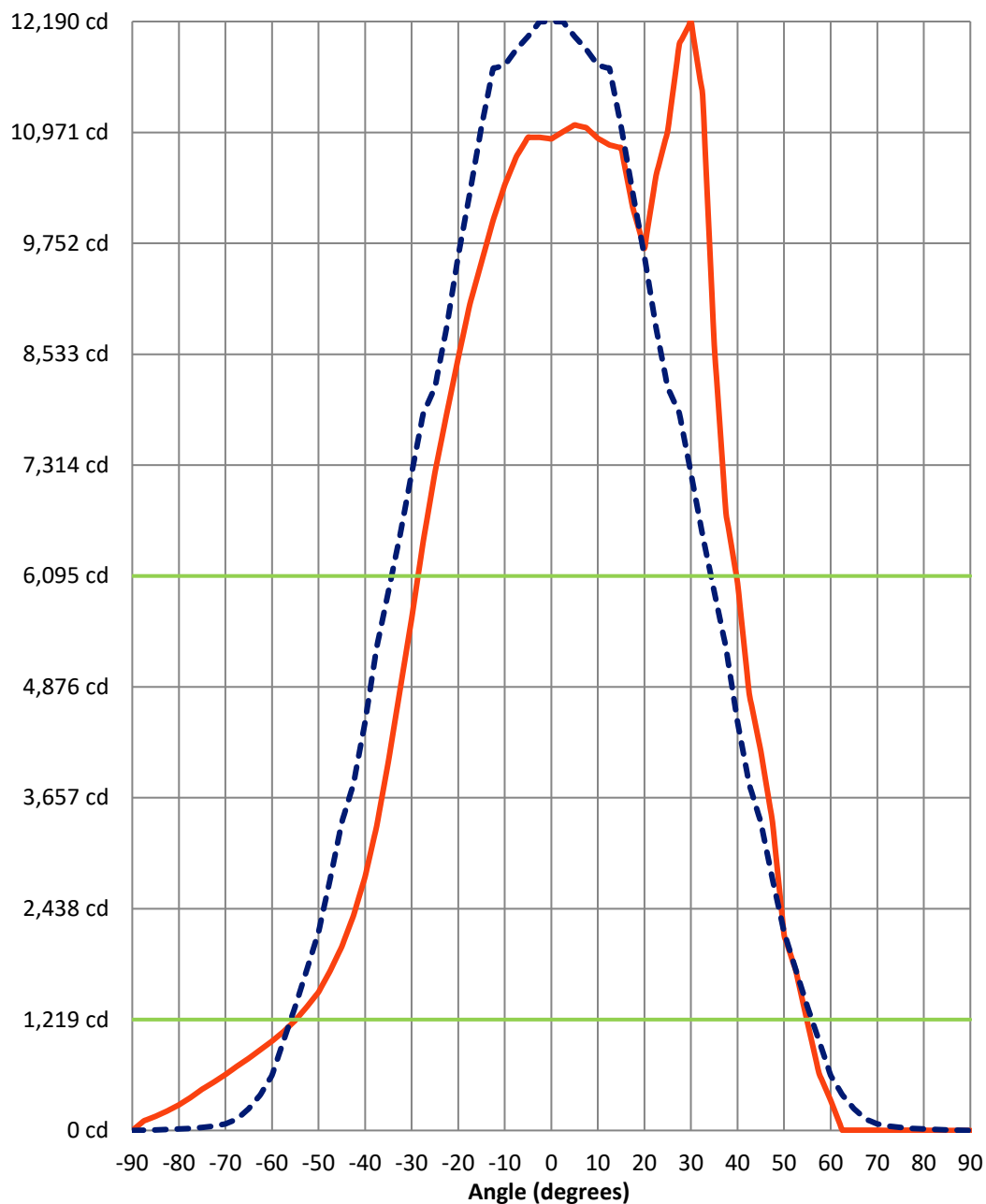


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11139.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16462.3

Efficiency: 94.3%

Spill:

Lumens: 999.2

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	5.6	8.3
82.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.3	8.3	11.1
80°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	8.3	8.3	11.1	11.1
77.5°	2.8	2.8	2.8	5.6	5.6	5.6	8.3	8.3	11.1	11.1	13.9
75°	2.8	2.8	2.8	5.6	5.6	8.3	8.3	8.3	11.1	11.1	13.9
72.5°	0.0	2.8	2.8	5.6	5.6	8.3	8.3	8.3	11.1	11.1	11.1
70°	2.8	2.8	2.8	5.6	5.6	8.3	8.3	8.3	11.1	11.1	11.1
67.5°	2.8	2.8	2.8	5.6	5.6	8.3	8.3	11.1	11.1	11.1	13.9
65°	2.8	2.8	2.8	5.6	8.3	8.3	11.1	13.9	13.9	16.7	19.5
62.5°	2.8	5.6	5.6	8.3	11.1	13.9	30.6	47.3	47.3	33.4	27.8
60°	330.8	358.6	355.8	322.5	280.8	236.3	228.0	219.6	202.9	177.9	186.3
57.5°	628.3	661.6	675.5	667.2	644.9	606.0	583.8	558.8	525.4	486.5	442.0
55°	1189.8	1203.7	1173.1	1114.8	1050.8	986.9	964.6	931.3	881.2	831.2	764.5
52.5°	1759.7	1807.0	1793.1	1734.7	1648.5	1534.5	1409.4	1312.1	1253.8	1198.2	1131.4
50°	2148.9	2168.4	2207.3	2276.8	2301.8	2224.0	2021.0	1759.7	1573.5	1668.0	1595.7
47.5°	3391.5	3488.8	3469.4	3419.3	3335.9	3124.7	2841.1	2607.6	2413.0	2349.1	2360.2
45°	4167.2	4206.1	4192.2	4169.9	4131.0	3933.6	3619.5	3260.9	3080.2	3007.9	2932.9
42.5°	4803.8	4845.5	4853.8	4856.6	4814.9	4634.2	4350.6	3992.0	3811.3	3602.8	3438.8
40°	6018.6	6079.8	6010.3	5918.5	5779.5	5573.8	5295.8	4965.0	4645.3	4389.5	4195.0
37.5°	6794.2	6869.3	6897.1	6891.5	6860.9	6772.0	6430.0	6115.9	5626.6	5054.0	5156.8
35°	8634.5	8712.4	8690.1	8606.7	8562.3	8467.7	8134.2	7761.6	7147.3	6524.6	6357.8
32.5°	11378.4	11547.9	11231.0	10883.5	10669.5	10744.5	10405.4	9493.5	9210.0	8086.9	7567.0
30°	12190.1	12187.3	12026.1	11884.3	11709.2	11673.0	11033.6	10305.3	9610.3	8823.6	8167.5
27.5°	11942.7	11892.7	11756.4	11653.6	11489.6	11403.4	10777.9	10199.7	9396.3	8692.9	8059.1
25°	10989.2	11028.1	10889.1	10869.6	10805.7	10638.9	10327.5	9677.0	8959.8	8181.4	7725.5
22.5°	10497.1	10483.2	10316.4	10219.1	10297.0	10119.0	9993.9	9337.9	8590.1	7934.0	7386.3
20°	9696.5	9699.3	9657.6	9649.2	9602.0	9521.3	9421.3	8957.0	8428.8	7867.3	7208.4
17.5°	10144.1	10258.0	10308.1	9893.9	10010.6	9918.9	9813.2	9165.5	8768.0	8270.4	7411.4
15°	10800.1	10758.4	10708.4	10686.1	10622.2	10536.0	10344.2	9827.1	9143.3	8629.0	7959.0
12.5°	10833.5	10752.9	10733.4	10730.6	10663.9	10544.4	10358.1	9930.0	9324.0	8698.5	8153.6
10°	10905.8	10822.4	10811.2	10825.1	10722.3	10647.2	10461.0	10063.4	9379.6	8818.0	8303.7
7.5°	11022.5	10883.5	10947.5	10905.8	10858.5	10739.0	10538.8	10149.6	9582.5	8976.5	8437.2
5°	11053.1	10900.2	10969.7	10930.8	10861.3	10744.5	10527.7	10205.2	9707.6	9040.4	8490.0
2.5°	10978.0	10933.6	10903.0	10830.7	10800.1	10672.2	10466.5	10121.8	9649.2	9012.6	8478.9
0°	10900.2	10939.1	10869.6	10797.3	10783.4	10680.6	10505.5	10194.1	9785.4	9090.5	8573.4
-2.5°	10916.9	10886.3	10839.0	10764.0	10691.7	10544.4	10385.9	10094.0	9654.8	8920.9	8439.9
-5°	10916.9	10775.1	10780.7	10783.4	10711.2	10558.3	10366.5	10119.0	9576.9	8918.1	8401.0
-7.5°	10705.6	10583.3	10563.8	10547.2	10527.7	10385.9	10235.8	9927.2	9446.3	8845.8	8292.6
-10°	10394.3	10274.7	10285.8	10260.8	10199.7	10105.1	9991.2	9713.2	9318.4	8617.9	8073.0
-12.5°	10005.1	9952.2	9921.7	9880.0	9818.8	9735.4	9618.6	9357.3	8934.8	8337.1	7820.0
-15°	9543.6	9504.7	9476.9	9451.8	9362.9	9276.7	9123.8	8882.0	8617.9	7975.7	7447.5
-17.5°	9082.1	8984.8	8945.9	8912.5	8854.2	8715.2	8576.2	8395.5	8025.7	7517.0	7063.9
-20°	8490.0	8431.6	8384.3	8339.9	8256.5	8148.0	8034.1	7825.6	7505.9	7094.4	6624.6

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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°	7870.1	7836.7	7797.8	7742.2	7686.6	7583.7	7425.3	7225.1	6974.9	6530.1	6090.9
-25°	7230.7	7166.7	7119.5	7066.6	7022.2	6927.6	6774.8	6582.9	6268.8	5885.2	5518.2
-27.5°	6477.3	6416.1	6391.1	6330.0	6291.0	6204.9	6052.0	5874.0	5590.5	5268.0	4895.5
-30°	5626.6	5637.8	5610.0	5551.6	5504.3	5393.1	5276.4	5126.2	4903.8	4595.3	4261.7
-32.5°	4839.9	4853.8	4820.4	4759.3	4698.1	4617.5	4509.1	4372.9	4206.1	3911.4	3622.3
-35°	4053.2	4047.6	4019.8	3983.7	3942.0	3875.3	3752.9	3650.1	3458.3	3252.5	3052.4
-37.5°	3347.1	3361.0	3352.6	3333.2	3285.9	3230.3	3130.2	3035.7	2893.9	2713.2	2557.6
-40°	2788.3	2805.0	2793.9	2774.4	2732.7	2699.3	2632.6	2549.2	2435.2	2279.6	2148.9
-42.5°	2360.2	2371.3	2357.4	2340.7	2304.6	2279.6	2226.7	2157.2	2062.7	1943.2	1826.4
-45°	2021.0	2023.8	2009.9	1998.8	1971.0	1940.4	1895.9	1840.3	1765.3	1681.9	1587.4
-47.5°	1754.2	1751.4	1737.5	1726.4	1704.1	1676.3	1640.2	1590.1	1531.8	1467.8	1392.8
-50°	1520.6	1534.5	1529.0	1517.9	1501.2	1481.7	1445.6	1392.8	1334.4	1287.1	1234.3
-52.5°	1359.4	1362.2	1359.4	1359.4	1356.6	1342.7	1301.0	1248.2	1184.3	1142.6	1098.1
-55°	1209.3	1223.2	1228.7	1234.3	1237.1	1237.1	1187.0	1131.4	1070.3	1028.6	995.2
-57.5°	1087.0	1095.3	1100.9	1114.8	1125.9	1134.2	1089.7	1039.7	992.4	953.5	922.9
-60°	981.3	992.4	1000.8	1014.7	1023.0	1028.6	1000.8	967.4	939.6	914.6	870.1
-62.5°	886.8	895.1	903.5	911.8	920.2	925.7	914.6	897.9	884.0	872.9	817.3
-65°	792.3	800.6	809.0	820.1	828.4	834.0	831.2	820.1	809.0	797.8	747.8
-67.5°	706.1	714.4	725.6	728.3	733.9	736.7	731.1	722.8	708.9	695.0	656.1
-70°	614.4	619.9	625.5	625.5	625.5	622.7	617.2	606.0	592.1	572.7	542.1
-72.5°	531.0	536.5	542.1	533.8	528.2	519.9	511.5	497.6	483.7	469.8	453.1
-75°	453.1	455.9	455.9	444.8	436.5	428.1	417.0	408.7	394.8	383.6	369.7
-77.5°	361.4	361.4	361.4	353.1	347.5	341.9	333.6	325.3	314.1	305.8	294.7
-80°	280.8	280.8	280.8	278.0	269.7	264.1	258.5	253.0	244.6	239.1	233.5
-82.5°	214.1	214.1	214.1	211.3	205.7	202.9	197.4	191.8	189.0	183.5	180.7
-85°	155.7	158.5	158.5	155.7	152.9	147.3	144.6	141.8	139.0	136.2	130.7
-87.5°	105.6	105.6	105.6	102.9	100.1	100.1	97.3	91.7	86.2	83.4	80.6
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	8.3	8.3	8.3	11.1	11.1	11.1	11.1	11.1	11.1	11.1	8.3
82.5°	13.9	13.9	16.7	16.7	19.5	19.5	19.5	19.5	19.5	19.5	19.5
80°	13.9	16.7	19.5	22.2	25.0	27.8	27.8	27.8	27.8	25.0	25.0
77.5°	16.7	16.7	19.5	22.2	25.0	27.8	30.6	33.4	30.6	30.6	30.6
75°	16.7	19.5	19.5	22.2	25.0	27.8	30.6	33.4	33.4	33.4	33.4
72.5°	13.9	16.7	19.5	22.2	22.2	25.0	27.8	27.8	30.6	30.6	33.4
70°	13.9	16.7	19.5	19.5	22.2	22.2	25.0	27.8	27.8	30.6	30.6
67.5°	16.7	19.5	19.5	22.2	25.0	25.0	25.0	27.8	27.8	30.6	30.6
65°	19.5	22.2	22.2	25.0	27.8	27.8	30.6	30.6	30.6	33.4	33.4
62.5°	33.4	33.4	33.4	30.6	33.4	33.4	33.4	36.1	36.1	33.4	36.1
60°	172.4	125.1	86.2	108.4	97.3	44.5	44.5	44.5	41.7	41.7	38.9
57.5°	405.9	378.1	325.3	275.2	247.4	219.6	136.2	55.6	55.6	50.0	44.5
55°	678.3	586.6	547.7	480.9	408.7	375.3	311.4	211.3	100.1	66.7	58.4
52.5°	1050.8	964.6	864.6	728.3	631.0	553.2	500.4	397.5	266.9	141.8	89.0
50°	1406.7	1367.7	1306.6	1173.1	970.2	839.5	753.4	636.6	478.2	291.9	166.8
47.5°	2265.7	1940.4	1743.0	1640.2	1470.6	1223.2	1056.4	925.7	733.9	492.1	294.7
45°	2852.2	2646.5	2332.4	2115.5	1865.4	1604.0	1387.2	1237.1	1009.1	736.7	461.5
42.5°	3355.4	3177.5	2893.9	2577.0	2312.9	1971.0	1693.0	1495.6	1303.8	1006.3	689.4
40°	4003.1	3791.9	3519.4	3210.8	2902.3	2465.8	2015.5	1776.4	1565.1	1301.0	931.3
37.5°	5070.6	4698.1	4253.3	3911.4	3508.3	3138.6	2521.4	2098.9	1848.7	1573.5	1214.8
35°	6355.0	5946.3	5204.1	4750.9	4211.6	3661.2	3105.2	2479.7	2123.9	1832.0	1476.2
32.5°	7550.4	6952.7	6001.9	5471.0	5112.3	4097.7	3522.2	2980.1	2407.4	2048.8	1626.3
30°	7881.2	7222.3	6541.2	5921.3	5309.7	4489.6	3808.5	3386.0	2763.3	2179.5	1768.1
27.5°	7547.6	7094.4	6566.3	5990.8	5329.2	4625.8	3983.7	3580.6	3024.6	2268.4	1879.3
25°	7208.4	6735.8	6366.1	5885.2	5273.6	4617.5	3989.2	3702.9	3227.5	2440.8	1940.4
22.5°	6849.8	6555.1	6249.3	5712.8	5134.6	4642.5	4169.9	3808.5	3333.2	2635.4	1965.4
20°	6869.3	6677.5	6341.1	5623.9	5109.6	4789.9	4386.8	3942.0	3447.1	2805.0	1984.9
17.5°	7180.6	6930.4	6507.9	5885.2	5334.7	4940.0	4567.5	4125.5	3563.9	2955.1	2221.2
15°	7564.3	7183.4	6741.4	6193.7	5571.0	5104.0	4706.5	4253.3	3697.3	3094.1	2432.5
12.5°	7842.3	7300.2	6886.0	6391.1	5826.8	5281.9	4798.2	4350.6	3822.4	3208.1	2590.9
10°	7936.8	7444.7	6955.4	6513.4	5957.4	5376.4	4867.7	4411.8	3930.9	3297.0	2707.7
7.5°	7986.8	7569.8	7002.7	6569.0	6035.3	5434.8	4923.3	4445.1	4017.0	3358.2	2782.7
5°	7981.3	7636.5	7038.8	6585.7	6077.0	5459.8	4962.2	4453.5	4078.2	3411.0	2827.2
2.5°	7956.2	7681.0	7097.2	6613.5	6160.4	5507.1	5037.3	4470.2	4100.4	3469.4	2857.8
0°	8048.0	7683.8	7158.4	6621.9	6216.0	5523.8	5070.6	4456.3	4069.9	3486.1	2855.0
-2.5°	7850.6	7519.8	7144.5	6549.6	6140.9	5484.9	5009.5	4411.8	4003.1	3466.6	2843.9
-5°	7817.2	7400.2	7027.7	6482.9	6015.8	5404.2	4895.5	4328.4	3897.5	3402.7	2799.4
-7.5°	7728.3	7286.3	6913.7	6430.0	5899.1	5320.8	4787.1	4242.2	3783.5	3302.6	2735.5
-10°	7533.7	7111.1	6791.4	6316.1	5757.3	5201.3	4656.4	4128.2	3650.1	3166.4	2635.4
-12.5°	7255.7	6833.1	6516.2	6074.2	5579.4	5040.1	4500.7	3980.9	3497.2	3021.8	2515.9
-15°	6941.5	6513.4	6196.5	5793.4	5315.3	4789.9	4303.4	3794.6	3322.0	2868.9	2374.1
-17.5°	6585.7	6179.8	5874.0	5482.1	5006.7	4506.3	4022.6	3561.1	3119.1	2710.5	2210.1
-20°	6174.3	5779.5	5498.8	5106.8	4670.3	4183.8	3714.0	3277.6	2880.0	2496.4	2029.4

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CATALOG NUMBER: IFLD-S-SA3E-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°	5665.5	5318.1	4998.4	4648.1	4267.2	3822.4	3386.0	2999.6	2618.7	2243.4	1843.1
-25°	5145.7	4809.3	4498.0	4178.3	3814.1	3430.5	3058.0	2707.7	2335.2	1996.0	1662.4
-27.5°	4567.5	4267.2	3989.2	3694.6	3361.0	3030.2	2724.4	2382.4	2059.9	1770.8	1484.5
-30°	3950.3	3705.7	3463.8	3202.5	2932.9	2654.9	2382.4	2059.9	1807.0	1576.2	1334.4
-32.5°	3358.2	3138.6	2944.0	2749.4	2515.9	2287.9	2046.0	1807.0	1595.7	1392.8	1189.8
-35°	2838.3	2604.8	2496.4	2340.7	2154.5	1948.7	1751.4	1584.6	1415.0	1231.5	1050.8
-37.5°	2388.0	2237.9	2110.0	1993.2	1845.9	1668.0	1526.2	1390.0	1248.2	1081.4	925.7
-40°	2034.9	1926.5	1798.6	1712.5	1592.9	1465.0	1323.3	1209.3	1089.7	953.5	825.6
-42.5°	1751.4	1662.4	1579.0	1487.3	1398.3	1289.9	1167.6	1059.2	950.7	850.7	745.0
-45°	1517.9	1453.9	1387.2	1312.1	1234.3	1139.8	1039.7	928.5	850.7	761.7	672.7
-47.5°	1326.0	1278.8	1223.2	1164.8	1098.1	1014.7	922.9	842.3	761.7	686.6	600.5
-50°	1173.1	1128.7	1084.2	1034.1	975.8	903.5	834.0	758.9	683.9	611.6	531.0
-52.5°	1045.3	1006.3	970.2	928.5	872.9	811.7	747.8	681.1	611.6	539.3	475.4
-55°	956.3	911.8	875.7	834.0	783.9	725.6	667.2	606.0	539.3	483.7	430.9
-57.5°	884.0	834.0	792.3	747.8	697.8	647.7	594.9	539.3	489.3	436.5	386.4
-60°	822.9	764.5	717.2	672.7	625.5	578.2	533.8	486.5	439.2	392.0	341.9
-62.5°	758.9	697.8	639.4	597.7	561.6	519.9	480.9	436.5	394.8	347.5	311.4
-65°	686.6	628.3	572.7	536.5	503.2	467.0	430.9	392.0	355.8	319.7	286.3
-67.5°	606.0	556.0	517.1	483.7	450.4	419.8	386.4	353.1	322.5	286.3	253.0
-70°	508.7	480.9	458.7	433.7	403.1	375.3	344.7	314.1	280.8	250.2	219.6
-72.5°	433.7	417.0	400.3	375.3	347.5	322.5	297.5	269.7	241.9	214.1	189.0
-75°	355.8	341.9	328.0	311.4	289.1	269.7	247.4	222.4	200.2	180.7	161.2
-77.5°	286.3	275.2	266.9	253.0	236.3	219.6	205.7	189.0	172.4	152.9	133.4
-80°	228.0	222.4	219.6	214.1	200.2	186.3	175.1	161.2	144.6	130.7	116.8
-82.5°	177.9	177.9	175.1	172.4	161.2	150.1	141.8	130.7	119.5	108.4	94.5
-85°	130.7	127.9	127.9	125.1	116.8	111.2	102.9	97.3	89.0	77.8	72.3
-87.5°	77.8	75.1	72.3	69.5	63.9	61.2	55.6	52.8	47.3	41.7	38.9
-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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CATALOG NUMBER: IFLD-S-SA3E-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	8.3	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8	2.8	2.8
82.5°	16.7	16.7	13.9	13.9	11.1	8.3	5.6	5.6	5.6	2.8	2.8
80°	25.0	25.0	25.0	22.2	19.5	13.9	11.1	8.3	5.6	2.8	2.8
77.5°	30.6	27.8	27.8	25.0	25.0	22.2	16.7	13.9	8.3	5.6	2.8
75°	30.6	30.6	30.6	27.8	27.8	25.0	22.2	16.7	13.9	8.3	5.6
72.5°	33.4	30.6	30.6	30.6	27.8	25.0	22.2	19.5	16.7	11.1	5.6
70°	30.6	30.6	30.6	30.6	27.8	27.8	22.2	19.5	19.5	11.1	8.3
67.5°	30.6	30.6	30.6	27.8	27.8	25.0	22.2	19.5	19.5	13.9	8.3
65°	33.4	30.6	30.6	30.6	27.8	25.0	22.2	19.5	19.5	16.7	11.1
62.5°	36.1	33.4	33.4	30.6	27.8	25.0	22.2	19.5	19.5	16.7	11.1
60°	38.9	36.1	33.4	33.4	30.6	27.8	22.2	22.2	19.5	16.7	11.1
57.5°	41.7	38.9	38.9	36.1	33.4	30.6	25.0	22.2	19.5	16.7	13.9
55°	50.0	44.5	41.7	41.7	38.9	33.4	27.8	22.2	19.5	16.7	13.9
52.5°	66.7	52.8	47.3	47.3	44.5	38.9	30.6	25.0	19.5	16.7	13.9
50°	105.6	66.7	55.6	50.0	50.0	44.5	36.1	27.8	19.5	16.7	13.9
47.5°	166.8	111.2	66.7	58.4	55.6	52.8	41.7	27.8	22.2	16.7	13.9
45°	275.2	164.0	108.4	69.5	58.4	55.6	47.3	30.6	22.2	19.5	13.9
42.5°	378.1	255.8	166.8	83.4	69.5	61.2	50.0	33.4	25.0	19.5	13.9
40°	594.9	350.3	233.5	136.2	80.6	63.9	55.6	38.9	25.0	19.5	13.9
37.5°	806.2	464.3	314.1	200.2	91.7	72.3	58.4	41.7	27.8	19.5	16.7
35°	1017.5	650.5	389.2	266.9	122.3	86.2	61.2	44.5	27.8	19.5	16.7
32.5°	1206.5	825.6	467.0	333.6	183.5	102.9	66.7	47.3	30.6	22.2	16.7
30°	1362.2	986.9	606.0	392.0	239.1	125.1	72.3	47.3	33.4	22.2	16.7
27.5°	1478.9	1112.0	747.8	453.1	286.3	147.3	83.4	52.8	33.4	22.2	16.7
25°	1573.5	1209.3	872.9	517.1	328.0	183.5	100.1	55.6	36.1	25.0	16.7
22.5°	1648.5	1289.9	975.8	603.3	378.1	219.6	122.3	61.2	36.1	25.0	16.7
20°	1751.4	1370.5	1045.3	695.0	430.9	253.0	141.8	66.7	36.1	25.0	19.5
17.5°	1840.3	1451.1	1100.9	772.8	483.7	278.0	164.0	72.3	38.9	25.0	19.5
15°	1943.2	1529.0	1150.9	834.0	533.8	300.2	183.5	77.8	38.9	27.8	19.5
12.5°	2054.4	1601.3	1187.0	884.0	586.6	319.7	200.2	89.0	41.7	27.8	19.5
10°	2168.4	1662.4	1217.6	920.2	625.5	339.2	211.3	100.1	44.5	27.8	19.5
7.5°	2282.3	1718.0	1256.5	936.8	642.2	361.4	216.8	111.2	44.5	30.6	19.5
5°	2360.2	1754.2	1312.1	948.0	650.5	386.4	225.2	125.1	47.3	30.6	19.5
2.5°	2426.9	1776.4	1370.5	956.3	653.3	400.3	222.4	133.4	50.0	30.6	19.5
0°	2457.5	1776.4	1409.4	950.7	644.9	414.2	222.4	141.8	50.0	30.6	19.5
-2.5°	2410.2	1826.4	1398.3	953.5	647.7	414.2	233.5	144.6	55.6	33.4	19.5
-5°	2335.2	1845.9	1365.0	939.6	642.2	414.2	247.4	147.3	58.4	33.4	22.2
-7.5°	2262.9	1854.2	1326.0	925.7	633.8	403.1	250.2	144.6	63.9	36.1	22.2
-10°	2168.4	1762.5	1276.0	900.7	617.2	394.8	255.8	144.6	66.7	36.1	22.2
-12.5°	2059.9	1651.3	1214.8	864.6	597.7	386.4	258.5	144.6	69.5	38.9	22.2
-15°	1934.8	1537.3	1145.3	825.6	569.9	375.3	253.0	141.8	72.3	38.9	25.0
-17.5°	1793.1	1426.1	1073.1	778.4	539.3	361.4	241.9	139.0	72.3	38.9	25.0
-20°	1631.8	1314.9	992.4	731.1	503.2	344.7	230.7	133.4	72.3	38.9	25.0

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CATALOG NUMBER: IFLD-S-SA3E-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°	1487.3	1212.1	909.0	678.3	464.3	325.3	216.8	127.9	72.3	41.7	25.0
-25°	1367.7	1112.0	845.1	625.5	422.6	303.0	202.9	122.3	72.3	41.7	25.0
-27.5°	1242.6	1003.6	778.4	575.5	394.8	283.6	189.0	116.8	69.5	41.7	25.0
-30°	1114.8	897.9	708.9	519.9	367.0	264.1	177.9	108.4	69.5	41.7	25.0
-32.5°	998.0	811.7	644.9	464.3	336.4	244.6	166.8	105.6	66.7	41.7	25.0
-35°	884.0	733.9	578.2	419.8	303.0	225.2	155.7	102.9	66.7	41.7	25.0
-37.5°	789.5	661.6	517.1	389.2	283.6	208.5	144.6	97.3	63.9	41.7	25.0
-40°	711.7	594.9	458.7	355.8	266.9	191.8	133.4	94.5	63.9	41.7	25.0
-42.5°	639.4	531.0	422.6	328.0	250.2	180.7	125.1	91.7	61.2	41.7	25.0
-45°	575.5	475.4	386.4	303.0	230.7	166.8	119.5	86.2	58.4	41.7	27.8
-47.5°	511.5	436.5	353.1	280.8	211.3	150.1	114.0	83.4	55.6	38.9	27.8
-50°	461.5	394.8	325.3	255.8	191.8	144.6	108.4	77.8	55.6	38.9	27.8
-52.5°	417.0	355.8	294.7	230.7	175.1	136.2	102.9	72.3	52.8	38.9	27.8
-55°	375.3	319.7	264.1	205.7	164.0	127.9	94.5	66.7	52.8	38.9	27.8
-57.5°	333.6	286.3	233.5	186.3	150.1	119.5	89.0	66.7	52.8	38.9	27.8
-60°	300.2	255.8	211.3	172.4	139.0	108.4	80.6	63.9	50.0	38.9	27.8
-62.5°	272.4	230.7	191.8	155.7	127.9	97.3	77.8	63.9	50.0	38.9	25.0
-65°	244.6	208.5	172.4	141.8	114.0	91.7	75.1	61.2	50.0	38.9	25.0
-67.5°	216.8	183.5	155.7	125.1	105.6	89.0	72.3	61.2	47.3	36.1	25.0
-70°	189.0	161.2	136.2	116.8	100.1	83.4	69.5	58.4	47.3	33.4	22.2
-72.5°	166.8	141.8	122.3	108.4	94.5	80.6	66.7	55.6	44.5	30.6	19.5
-75°	141.8	125.1	111.2	97.3	86.2	75.1	63.9	50.0	38.9	27.8	19.5
-77.5°	119.5	108.4	97.3	89.0	77.8	66.7	55.6	44.5	36.1	25.0	16.7
-80°	102.9	94.5	86.2	77.8	69.5	58.4	50.0	38.9	30.6	22.2	13.9
-82.5°	83.4	77.8	69.5	63.9	58.4	50.0	41.7	33.4	22.2	16.7	11.1
-85°	63.9	58.4	55.6	50.0	44.5	36.1	27.8	22.2	16.7	11.1	5.6
-87.5°	33.4	30.6	27.8	25.0	22.2	16.7	13.9	11.1	8.3	5.6	2.8
-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: P722635

CATALOG NUMBER: IFLD-S-SA3E-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	5.6	2.8	0.0	0.0
65°	5.6	2.8	0.0	0.0
62.5°	5.6	2.8	0.0	0.0
60°	5.6	2.8	0.0	0.0
57.5°	8.3	2.8	2.8	0.0
55°	8.3	2.8	2.8	0.0
52.5°	8.3	2.8	2.8	0.0
50°	8.3	5.6	2.8	0.0
47.5°	8.3	5.6	2.8	0.0
45°	8.3	5.6	2.8	0.0
42.5°	8.3	5.6	2.8	0.0
40°	11.1	5.6	2.8	0.0
37.5°	11.1	5.6	2.8	0.0
35°	11.1	5.6	2.8	0.0
32.5°	11.1	5.6	2.8	0.0
30°	11.1	5.6	2.8	0.0
27.5°	11.1	8.3	2.8	0.0
25°	11.1	8.3	2.8	0.0
22.5°	13.9	8.3	2.8	0.0
20°	13.9	8.3	2.8	0.0
17.5°	13.9	8.3	2.8	0.0
15°	13.9	8.3	2.8	0.0
12.5°	13.9	8.3	2.8	0.0
10°	13.9	8.3	2.8	0.0
7.5°	13.9	8.3	2.8	0.0
5°	13.9	8.3	2.8	0.0
2.5°	13.9	8.3	2.8	0.0
0°	13.9	8.3	2.8	0.0
-2.5°	13.9	8.3	2.8	0.0
-5°	13.9	8.3	2.8	0.0
-7.5°	13.9	8.3	2.8	0.0
-10°	13.9	8.3	2.8	0.0
-12.5°	16.7	8.3	2.8	0.0
-15°	16.7	8.3	2.8	0.0
-17.5°	16.7	8.3	2.8	0.0
-20°	16.7	8.3	2.8	0.0

REPORT NUMBER: P722635

CATALOG NUMBER: IFLD-S-SA3E-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.7	8.3	2.8	0.0
-25°	16.7	8.3	2.8	0.0
-27.5°	16.7	8.3	2.8	0.0
-30°	16.7	8.3	2.8	0.0
-32.5°	16.7	8.3	2.8	0.0
-35°	16.7	8.3	2.8	0.0
-37.5°	16.7	8.3	2.8	0.0
-40°	16.7	8.3	2.8	0.0
-42.5°	13.9	8.3	2.8	0.0
-45°	16.7	8.3	2.8	0.0
-47.5°	16.7	8.3	2.8	0.0
-50°	16.7	8.3	2.8	0.0
-52.5°	16.7	8.3	2.8	0.0
-55°	16.7	8.3	2.8	0.0
-57.5°	16.7	8.3	2.8	0.0
-60°	16.7	8.3	2.8	0.0
-62.5°	13.9	8.3	2.8	0.0
-65°	13.9	5.6	2.8	0.0
-67.5°	13.9	5.6	2.8	0.0
-70°	13.9	5.6	2.8	0.0
-72.5°	11.1	5.6	2.8	0.0
-75°	11.1	5.6	2.8	0.0
-77.5°	8.3	2.8	0.0	0.0
-80°	8.3	2.8	0.0	0.0
-82.5°	5.6	2.8	0.0	0.0
-85°	2.8	2.8	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)