

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: P722397

Luminaire Tested: **IFLD-S-SA2D-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722397
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

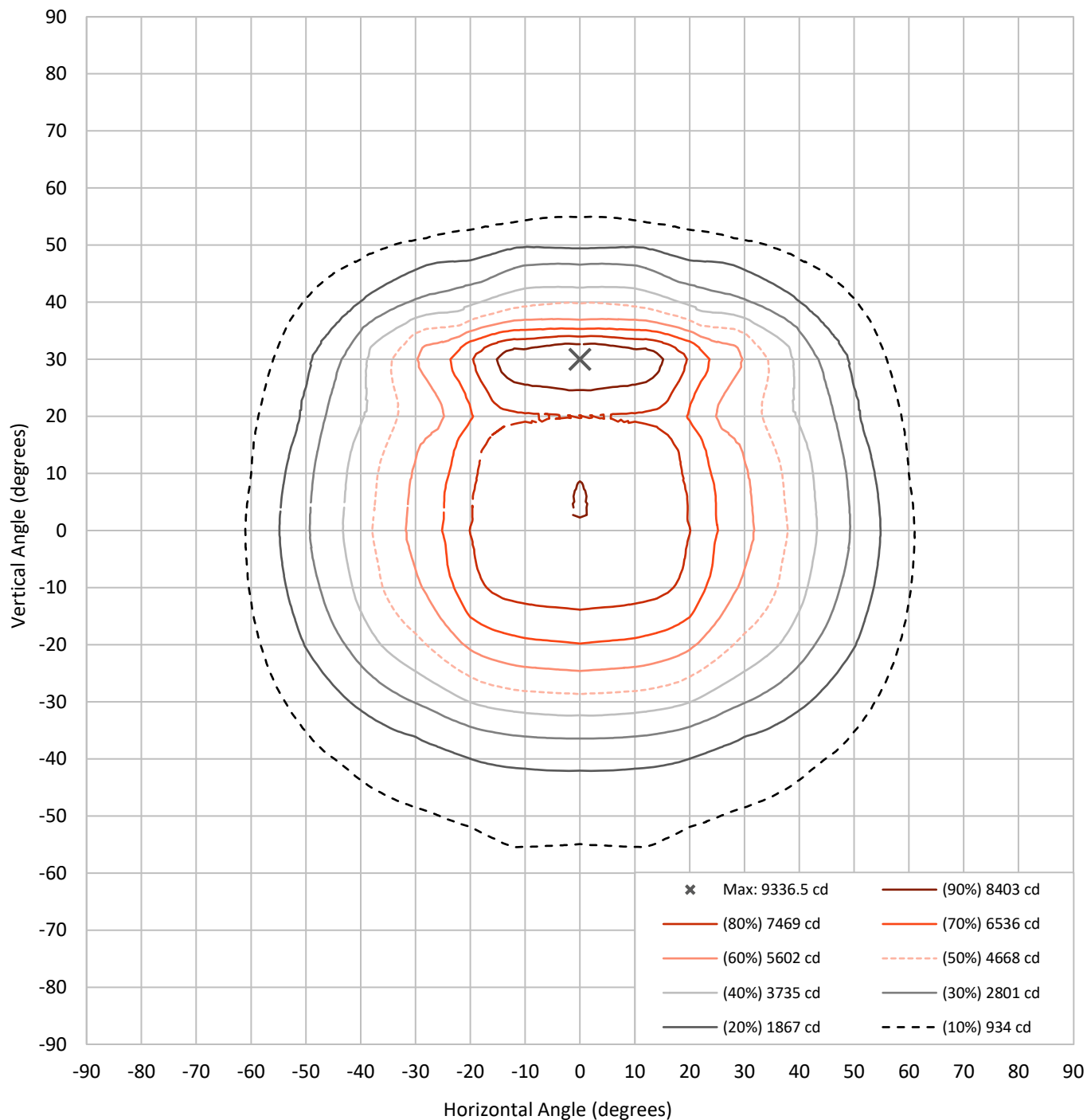
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13374 lumens	Max Intensity:	9336.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8532 lumens	Field Lumens:	12608.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	123.9		
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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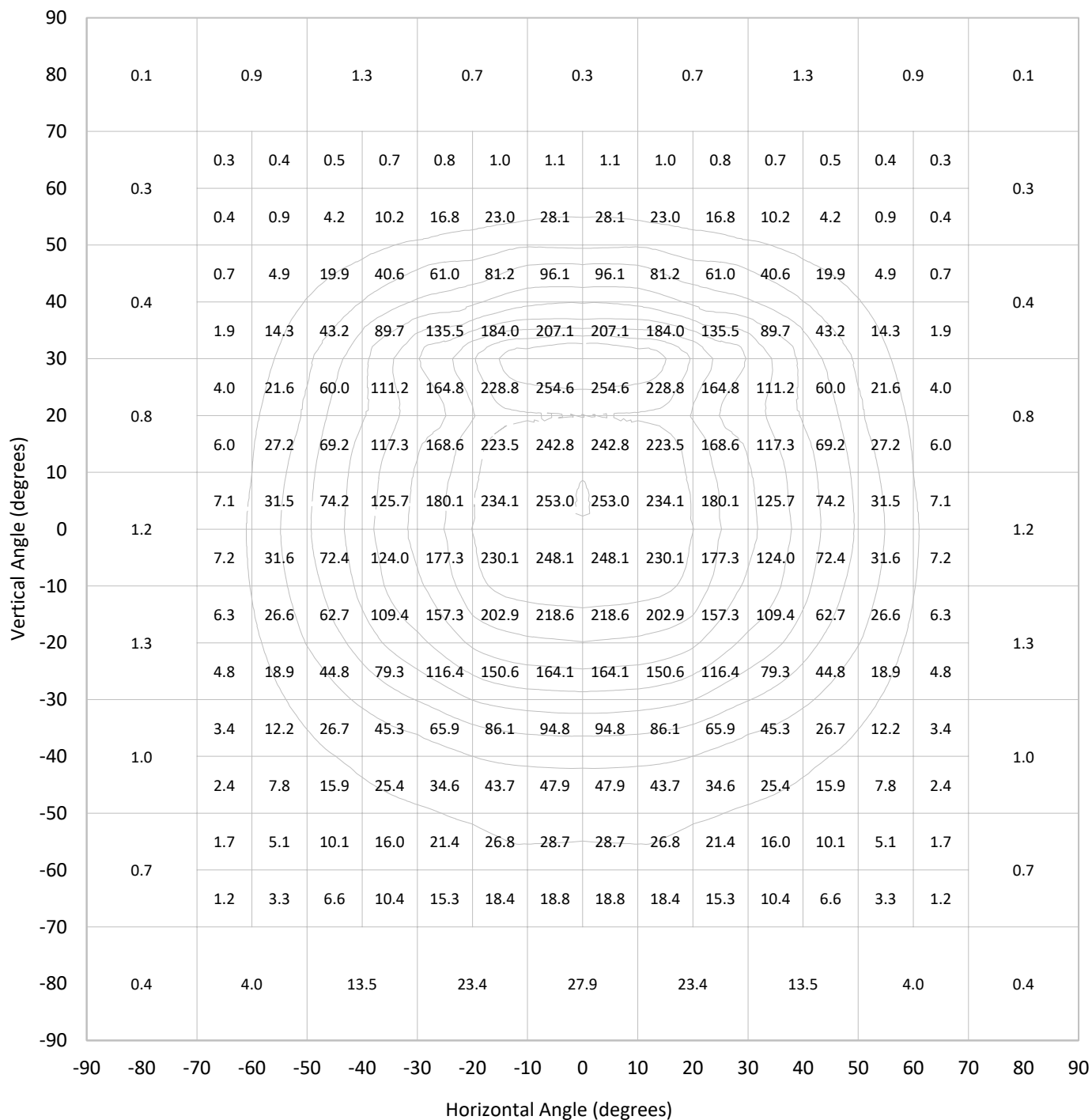
Iso-Candela Plot



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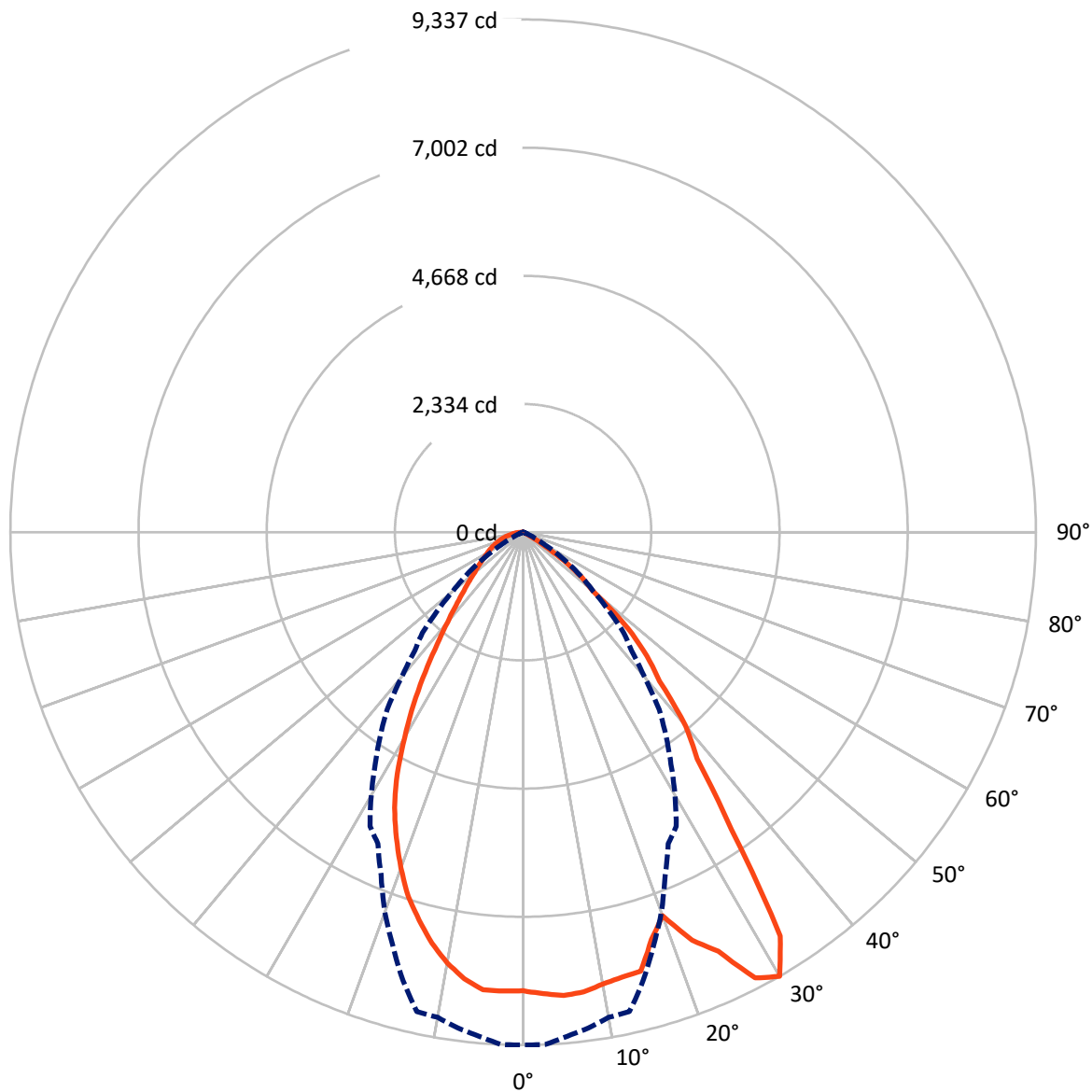
Lumen Table



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Luminous Intensity Polar Plot

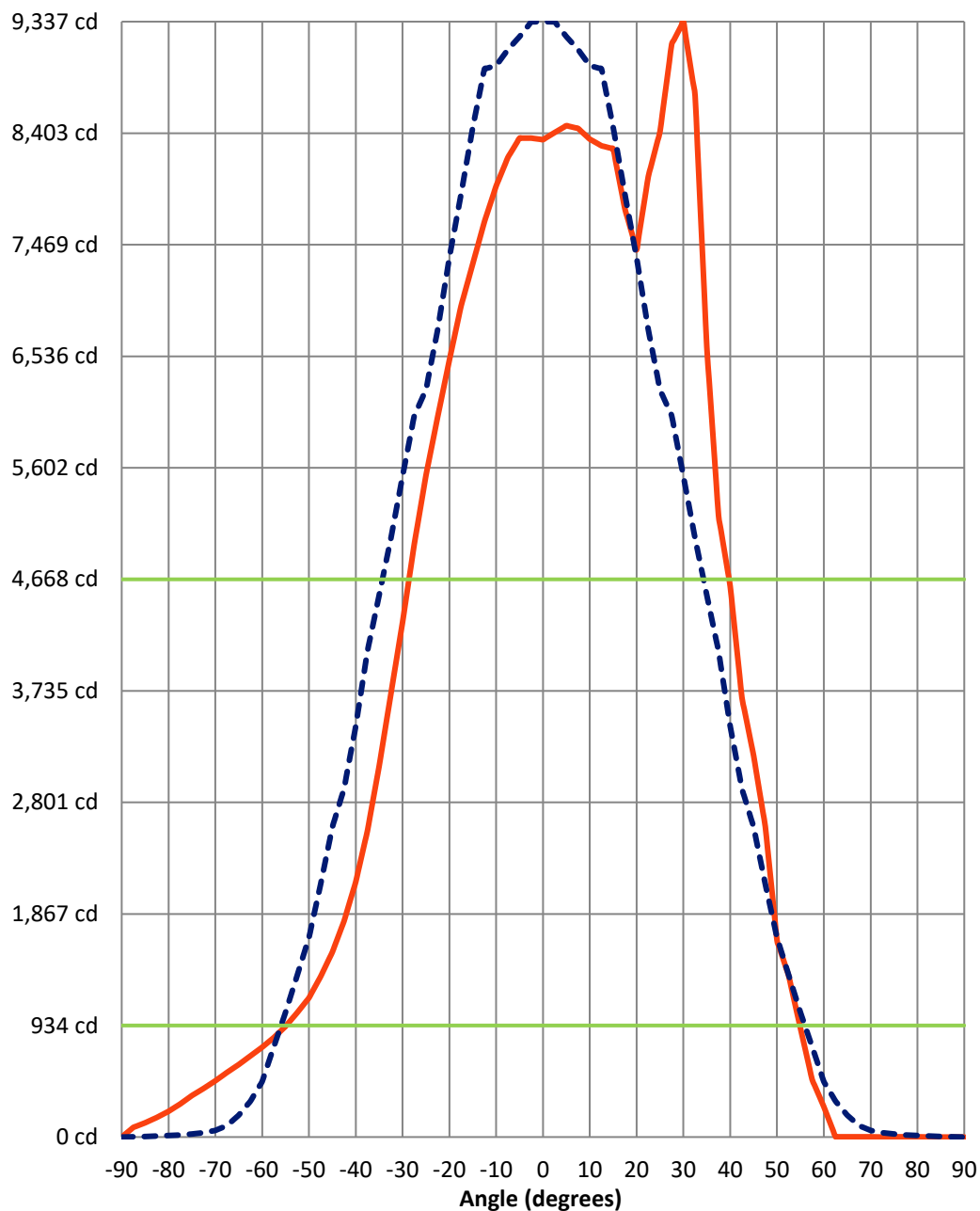


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8532

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12608.7

Efficiency: 94.3%

Spill:

Lumens: 765.3

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	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	0.0	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3	6.4
82.5°	0.0	2.1	2.1	2.1	4.3	4.3	4.3	4.3	6.4	6.4	8.5
80°	2.1	2.1	2.1	2.1	4.3	4.3	4.3	6.4	6.4	8.5	8.5
77.5°	2.1	2.1	2.1	4.3	4.3	4.3	6.4	6.4	8.5	8.5	10.6
75°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	10.6
72.5°	0.0	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	8.5
70°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	6.4	8.5	8.5	8.5
67.5°	2.1	2.1	2.1	4.3	4.3	6.4	6.4	8.5	8.5	8.5	10.6
65°	2.1	2.1	2.1	4.3	6.4	6.4	8.5	10.6	10.6	12.8	14.9
62.5°	2.1	4.3	4.3	6.4	8.5	10.6	23.4	36.2	36.2	25.6	21.3
60°	253.4	274.7	272.5	247.0	215.0	181.0	174.6	168.2	155.4	136.3	142.7
57.5°	481.2	506.7	517.4	511.0	494.0	464.2	447.1	428.0	402.4	372.6	338.5
55°	911.3	921.9	898.5	853.8	804.8	755.9	738.8	713.3	675.0	636.6	585.5
52.5°	1347.8	1384.0	1373.3	1328.6	1262.6	1175.3	1079.5	1005.0	960.3	917.7	866.6
50°	1645.9	1660.8	1690.6	1743.8	1763.0	1703.4	1547.9	1347.8	1205.1	1277.5	1222.2
47.5°	2597.6	2672.1	2657.2	2618.9	2555.0	2393.2	2176.0	1997.2	1848.1	1799.2	1807.7
45°	3191.7	3221.5	3210.8	3193.8	3164.0	3012.8	2772.2	2497.6	2359.2	2303.8	2246.3
42.5°	3679.3	3711.2	3717.6	3719.7	3687.8	3549.4	3332.2	3057.5	2919.1	2759.4	2633.8
40°	4609.7	4656.6	4603.3	4533.1	4426.6	4269.0	4056.1	3802.8	3557.9	3362.0	3213.0
37.5°	5203.8	5261.3	5282.5	5278.3	5254.9	5186.7	4924.8	4684.2	4309.5	3870.9	3949.7
35°	6613.3	6672.9	6655.9	6592.0	6557.9	6485.5	6230.0	5944.7	5474.2	4997.2	4869.5
32.5°	8714.8	8844.7	8602.0	8335.8	8171.9	8229.4	7969.6	7271.2	7054.0	6193.8	5795.7
30°	9336.5	9334.4	9210.9	9102.3	8968.2	8940.5	8450.8	7892.9	7360.6	6758.1	6255.6
27.5°	9147.0	9108.7	9004.4	8925.6	8800.0	8734.0	8254.9	7812.0	7196.7	6658.0	6172.5
25°	8416.7	8446.5	8340.1	8325.2	8276.2	8148.4	7910.0	7411.7	6862.4	6266.2	5917.0
22.5°	8039.9	8029.2	7901.5	7826.9	7886.6	7750.3	7654.5	7152.0	6579.2	6076.7	5657.3
20°	7426.6	7428.8	7396.8	7390.5	7354.3	7292.5	7215.9	6860.3	6455.7	6025.6	5521.0
17.5°	7769.4	7856.7	7895.1	7577.8	7667.2	7597.0	7516.1	7020.0	6715.5	6334.4	5676.4
15°	8271.9	8240.0	8201.7	8184.6	8135.7	8069.7	7922.8	7526.7	7002.9	6609.0	6095.9
12.5°	8297.5	8235.7	8220.8	8218.7	8167.6	8076.1	7933.4	7605.5	7141.3	6662.3	6244.9
10°	8352.8	8289.0	8280.5	8291.1	8212.3	8154.8	8012.2	7707.7	7183.9	6753.8	6359.9
7.5°	8442.3	8335.8	8384.8	8352.8	8316.7	8225.1	8071.8	7773.7	7339.4	6875.2	6462.1
5°	8465.7	8348.6	8401.8	8372.0	8318.8	8229.4	8063.3	7816.3	7435.2	6924.2	6502.6
2.5°	8408.2	8374.1	8350.7	8295.4	8271.9	8174.0	8016.4	7752.4	7390.5	6902.9	6494.1
0°	8348.6	8378.4	8325.2	8269.8	8259.2	8180.4	8046.2	7807.8	7494.8	6962.5	6566.5
-2.5°	8361.4	8337.9	8301.7	8244.3	8188.9	8076.1	7954.7	7731.1	7394.7	6832.6	6464.2
-5°	8361.4	8252.8	8257.0	8259.2	8203.8	8086.7	7939.8	7750.3	7335.1	6830.5	6434.4
-7.5°	8199.5	8105.9	8091.0	8078.2	8063.3	7954.7	7839.7	7603.4	7235.0	6775.1	6351.4
-10°	7961.1	7869.5	7878.0	7858.9	7812.0	7739.6	7652.3	7439.4	7137.1	6600.5	6183.2
-12.5°	7663.0	7622.5	7599.1	7567.2	7520.3	7456.5	7367.0	7166.9	6843.2	6385.5	5989.4
-15°	7309.5	7279.7	7258.4	7239.3	7171.1	7105.1	6988.0	6802.8	6600.5	6108.7	5704.1
-17.5°	6956.1	6881.6	6851.8	6826.2	6781.5	6675.0	6568.6	6430.2	6147.0	5757.4	5410.3
-20°	6502.6	6457.9	6421.7	6387.6	6323.7	6240.7	6153.4	5993.7	5748.8	5433.7	5073.9

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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°	6027.8	6002.2	5972.4	5929.8	5887.2	5808.5	5687.1	5533.8	5342.2	5001.5	4665.1
-25°	5538.0	5489.1	5452.9	5412.4	5378.4	5306.0	5188.9	5041.9	4801.3	4507.5	4226.5
-27.5°	4961.0	4914.2	4895.0	4848.2	4818.4	4752.4	4635.3	4499.0	4281.8	4034.8	3749.5
-30°	4309.5	4318.0	4296.7	4252.0	4215.8	4130.6	4041.2	3926.2	3755.9	3519.6	3264.1
-32.5°	3706.9	3717.6	3692.0	3645.2	3598.3	3536.6	3453.6	3349.2	3221.5	2995.8	2774.3
-35°	3104.4	3100.1	3078.8	3051.1	3019.2	2968.1	2874.4	2795.6	2648.7	2491.2	2337.9
-37.5°	2563.6	2574.2	2567.8	2552.9	2516.7	2474.1	2397.5	2325.1	2216.5	2078.1	1958.9
-40°	2135.6	2148.4	2139.8	2124.9	2093.0	2067.5	2016.4	1952.5	1865.2	1745.9	1645.9
-42.5°	1807.7	1816.2	1805.6	1792.8	1765.1	1745.9	1705.5	1652.3	1579.9	1488.3	1398.9
-45°	1547.9	1550.1	1539.4	1530.9	1509.6	1486.2	1452.1	1409.5	1352.0	1288.2	1215.8
-47.5°	1343.5	1341.4	1330.7	1322.2	1305.2	1283.9	1256.2	1217.9	1173.2	1124.2	1066.7
-50°	1164.7	1175.3	1171.1	1162.5	1149.8	1134.9	1107.2	1066.7	1022.0	985.8	945.4
-52.5°	1041.2	1043.3	1041.2	1041.2	1039.0	1028.4	996.5	956.0	907.0	875.1	841.0
-55°	926.2	936.8	941.1	945.4	947.5	947.5	909.2	866.6	819.7	787.8	762.3
-57.5°	832.5	838.9	843.2	853.8	862.3	868.7	834.6	796.3	760.1	730.3	706.9
-60°	751.6	760.1	766.5	777.2	783.5	787.8	766.5	741.0	719.7	700.5	666.4
-62.5°	679.2	685.6	692.0	698.4	704.8	709.0	700.5	687.7	677.1	668.6	626.0
-65°	606.8	613.2	619.6	628.1	634.5	638.8	636.6	628.1	619.6	611.1	572.8
-67.5°	540.8	547.2	555.7	557.9	562.1	564.2	560.0	553.6	542.9	532.3	502.5
-70°	470.6	474.8	479.1	479.1	479.1	476.9	472.7	464.2	453.5	438.6	415.2
-72.5°	406.7	410.9	415.2	408.8	404.5	398.2	391.8	381.1	370.5	359.8	347.1
-75°	347.1	349.2	349.2	340.7	334.3	327.9	319.4	313.0	302.3	293.8	283.2
-77.5°	276.8	276.8	276.8	270.4	266.1	261.9	255.5	249.1	240.6	234.2	225.7
-80°	215.0	215.0	215.0	212.9	206.5	202.3	198.0	193.8	187.4	183.1	178.9
-82.5°	163.9	163.9	163.9	161.8	157.6	155.4	151.2	146.9	144.8	140.5	138.4
-85°	119.2	121.4	121.4	119.2	117.1	112.8	110.7	108.6	106.5	104.3	100.1
-87.5°	80.9	80.9	80.9	78.8	76.7	76.7	74.5	70.3	66.0	63.9	61.7
-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	6.4	6.4	6.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.4
82.5°	10.6	10.6	12.8	12.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9
80°	10.6	12.8	14.9	17.0	19.2	21.3	21.3	21.3	21.3	19.2	19.2
77.5°	12.8	12.8	14.9	17.0	19.2	21.3	23.4	25.6	23.4	23.4	23.4
75°	12.8	14.9	14.9	17.0	19.2	21.3	23.4	25.6	25.6	25.6	25.6
72.5°	10.6	12.8	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4	25.6
70°	10.6	12.8	14.9	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4
67.5°	12.8	14.9	14.9	17.0	19.2	19.2	19.2	21.3	21.3	23.4	23.4
65°	14.9	17.0	17.0	19.2	21.3	21.3	23.4	23.4	23.4	25.6	25.6
62.5°	25.6	25.6	25.6	23.4	25.6	25.6	25.6	27.7	27.7	25.6	27.7
60°	132.0	95.8	66.0	83.0	74.5	34.1	34.1	34.1	31.9	31.9	29.8
57.5°	310.9	289.6	249.1	210.8	189.5	168.2	104.3	42.6	42.6	38.3	34.1
55°	519.5	449.3	419.5	368.4	313.0	287.4	238.5	161.8	76.7	51.1	44.7
52.5°	804.8	738.8	662.2	557.9	483.3	423.7	383.3	304.5	204.4	108.6	68.1
50°	1077.4	1047.6	1000.7	898.5	743.1	643.0	577.0	487.6	366.2	223.6	127.8
47.5°	1735.3	1486.2	1335.0	1256.2	1126.3	936.8	809.1	709.0	562.1	376.9	225.7
45°	2184.6	2027.0	1786.4	1620.3	1428.7	1228.5	1062.5	947.5	772.9	564.2	353.4
42.5°	2569.9	2433.7	2216.5	1973.8	1771.5	1509.6	1296.7	1145.5	998.6	770.8	528.0
40°	3066.0	2904.2	2695.6	2459.2	2222.9	1888.6	1543.7	1360.6	1198.7	996.5	713.3
37.5°	3883.7	3598.3	3257.7	2995.8	2687.0	2403.9	1931.2	1607.5	1415.9	1205.1	930.5
35°	4867.3	4554.4	3985.9	3638.8	3225.7	2804.2	2378.3	1899.2	1626.7	1403.1	1130.6
32.5°	5782.9	5325.1	4596.9	4190.3	3915.6	3138.4	2697.7	2282.5	1843.9	1569.2	1245.6
30°	6036.3	5531.7	5010.0	4535.2	4066.8	3438.7	2917.0	2593.4	2116.4	1669.3	1354.2
27.5°	5780.8	5433.7	5029.2	4588.4	4081.7	3543.0	3051.1	2742.4	2316.6	1737.4	1439.3
25°	5521.0	5159.1	4875.9	4507.5	4039.1	3536.6	3055.4	2836.1	2472.0	1869.4	1486.2
22.5°	5246.3	5020.7	4786.4	4375.5	3932.6	3555.8	3193.8	2917.0	2552.9	2018.5	1505.3
20°	5261.3	5114.3	4856.7	4307.4	3913.5	3668.6	3359.9	3019.2	2640.2	2148.4	1520.2
17.5°	5499.7	5308.1	4984.5	4507.5	4085.9	3783.6	3498.3	3159.7	2729.6	2263.3	1701.2
15°	5793.6	5501.9	5163.3	4743.9	4266.9	3909.2	3604.7	3257.7	2831.8	2369.8	1863.0
12.5°	6006.5	5591.3	5274.0	4895.0	4462.8	4045.5	3675.0	3332.2	2927.6	2457.1	1984.4
10°	6078.9	5702.0	5327.3	4988.7	4562.9	4117.9	3728.2	3379.0	3010.7	2525.2	2073.8
7.5°	6117.2	5797.8	5363.5	5031.3	4622.5	4162.6	3770.8	3404.6	3076.7	2572.1	2131.3
5°	6112.9	5848.9	5391.1	5044.1	4654.4	4181.7	3800.6	3411.0	3123.5	2612.5	2165.4
2.5°	6093.8	5883.0	5435.8	5065.4	4718.3	4217.9	3858.1	3423.8	3140.6	2657.2	2188.8
0°	6164.0	5885.1	5482.7	5071.8	4760.9	4230.7	3883.7	3413.1	3117.1	2670.0	2186.7
-2.5°	6012.9	5759.5	5472.0	5016.4	4703.4	4200.9	3836.8	3379.0	3066.0	2655.1	2178.2
-5°	5987.3	5667.9	5382.6	4965.3	4607.6	4139.2	3749.5	3315.2	2985.1	2606.1	2144.1
-7.5°	5919.2	5580.6	5295.3	4924.8	4518.2	4075.3	3666.5	3249.2	2897.8	2529.5	2095.1
-10°	5770.1	5446.5	5201.6	4837.5	4409.6	3983.7	3566.4	3161.9	2795.6	2425.2	2018.5
-12.5°	5557.2	5233.6	4990.8	4652.3	4273.3	3860.2	3447.2	3049.0	2678.5	2314.4	1926.9
-15°	5316.6	4988.7	4746.0	4437.3	4071.0	3668.6	3296.0	2906.4	2544.4	2197.3	1818.3
-17.5°	5044.1	4733.2	4499.0	4198.8	3834.7	3451.4	3081.0	2727.5	2389.0	2076.0	1692.7
-20°	4729.0	4426.6	4211.6	3911.3	3577.1	3204.4	2844.6	2510.3	2205.9	1912.0	1554.3

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CATALOG NUMBER: IFLD-S-SA2D-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°	4339.3	4073.2	3828.3	3560.0	3268.3	2927.6	2593.4	2297.4	2005.7	1718.3	1411.7
-25°	3941.1	3683.5	3445.0	3200.2	2921.3	2627.4	2342.1	2073.8	1788.5	1528.8	1273.3
-27.5°	3498.3	3268.3	3055.4	2829.7	2574.2	2320.8	2086.6	1824.7	1577.7	1356.3	1137.0
-30°	3025.6	2838.2	2653.0	2452.8	2246.3	2033.4	1824.7	1577.7	1384.0	1207.3	1022.0
-32.5°	2572.1	2403.9	2254.8	2105.8	1926.9	1752.3	1567.1	1384.0	1222.2	1066.7	911.3
-35°	2173.9	1995.1	1912.0	1792.8	1650.1	1492.6	1341.4	1213.6	1083.8	943.2	804.8
-37.5°	1829.0	1714.0	1616.1	1526.6	1413.8	1277.5	1168.9	1064.6	956.0	828.3	709.0
-40°	1558.6	1475.5	1377.6	1311.6	1220.0	1122.1	1013.5	926.2	834.6	730.3	632.4
-42.5°	1341.4	1273.3	1209.4	1139.1	1071.0	987.9	894.3	811.2	728.2	651.5	570.6
-45°	1162.5	1113.6	1062.5	1005.0	945.4	873.0	796.3	711.2	651.5	583.4	515.3
-47.5°	1015.6	979.4	936.8	892.1	841.0	777.2	706.9	645.1	583.4	525.9	459.9
-50°	898.5	864.5	830.4	792.1	747.3	692.0	638.8	581.3	523.8	468.4	406.7
-52.5°	800.6	770.8	743.1	711.2	668.6	621.7	572.8	521.7	468.4	413.1	364.1
-55°	732.4	698.4	670.7	638.8	600.4	555.7	511.0	464.2	413.1	370.5	330.0
-57.5°	677.1	638.8	606.8	572.8	534.4	496.1	455.6	413.1	374.7	334.3	296.0
-60°	630.2	585.5	549.3	515.3	479.1	442.9	408.8	372.6	336.4	300.2	261.9
-62.5°	581.3	534.4	489.7	457.8	430.1	398.2	368.4	334.3	302.3	266.1	238.5
-65°	525.9	481.2	438.6	410.9	385.4	357.7	330.0	300.2	272.5	244.9	219.3
-67.5°	464.2	425.8	396.0	370.5	344.9	321.5	296.0	270.4	247.0	219.3	193.8
-70°	389.6	368.4	351.3	332.2	308.7	287.4	264.0	240.6	215.0	191.6	168.2
-72.5°	332.2	319.4	306.6	287.4	266.1	247.0	227.8	206.5	185.2	163.9	144.8
-75°	272.5	261.9	251.2	238.5	221.4	206.5	189.5	170.3	153.3	138.4	123.5
-77.5°	219.3	210.8	204.4	193.8	181.0	168.2	157.6	144.8	132.0	117.1	102.2
-80°	174.6	170.3	168.2	163.9	153.3	142.7	134.1	123.5	110.7	100.1	89.4
-82.5°	136.3	136.3	134.1	132.0	123.5	115.0	108.6	100.1	91.6	83.0	72.4
-85°	100.1	97.9	97.9	95.8	89.4	85.2	78.8	74.5	68.1	59.6	55.4
-87.5°	59.6	57.5	55.4	53.2	49.0	46.8	42.6	40.5	36.2	31.9	29.8
-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-SA2D-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0
85°	6.4	4.3	4.3	4.3	4.3	4.3	2.1	2.1	2.1	2.1	2.1
82.5°	12.8	12.8	10.6	10.6	8.5	6.4	4.3	4.3	4.3	2.1	2.1
80°	19.2	19.2	19.2	17.0	14.9	10.6	8.5	6.4	4.3	2.1	2.1
77.5°	23.4	21.3	21.3	19.2	19.2	17.0	12.8	10.6	6.4	4.3	2.1
75°	23.4	23.4	23.4	21.3	21.3	19.2	17.0	12.8	10.6	6.4	4.3
72.5°	25.6	23.4	23.4	23.4	21.3	19.2	17.0	14.9	12.8	8.5	4.3
70°	23.4	23.4	23.4	23.4	21.3	21.3	17.0	14.9	14.9	8.5	6.4
67.5°	23.4	23.4	23.4	21.3	21.3	19.2	17.0	14.9	14.9	10.6	6.4
65°	25.6	23.4	23.4	23.4	21.3	19.2	17.0	14.9	14.9	12.8	8.5
62.5°	27.7	25.6	25.6	23.4	21.3	19.2	17.0	14.9	14.9	12.8	8.5
60°	29.8	27.7	25.6	25.6	23.4	21.3	17.0	17.0	14.9	12.8	8.5
57.5°	31.9	29.8	29.8	27.7	25.6	23.4	19.2	17.0	14.9	12.8	10.6
55°	38.3	34.1	31.9	31.9	29.8	25.6	21.3	17.0	14.9	12.8	10.6
52.5°	51.1	40.5	36.2	36.2	34.1	29.8	23.4	19.2	14.9	12.8	10.6
50°	80.9	51.1	42.6	38.3	38.3	34.1	27.7	21.3	14.9	12.8	10.6
47.5°	127.8	85.2	51.1	44.7	42.6	40.5	31.9	21.3	17.0	12.8	10.6
45°	210.8	125.6	83.0	53.2	44.7	42.6	36.2	23.4	17.0	14.9	10.6
42.5°	289.6	195.9	127.8	63.9	53.2	46.8	38.3	25.6	19.2	14.9	10.6
40°	455.6	268.3	178.9	104.3	61.7	49.0	42.6	29.8	19.2	14.9	10.6
37.5°	617.5	355.6	240.6	153.3	70.3	55.4	44.7	31.9	21.3	14.9	12.8
35°	779.3	498.2	298.1	204.4	93.7	66.0	46.8	34.1	21.3	14.9	12.8
32.5°	924.1	632.4	357.7	255.5	140.5	78.8	51.1	36.2	23.4	17.0	12.8
30°	1043.3	755.9	464.2	300.2	183.1	95.8	55.4	36.2	25.6	17.0	12.8
27.5°	1132.7	851.7	572.8	347.1	219.3	112.8	63.9	40.5	25.6	17.0	12.8
25°	1205.1	926.2	668.6	396.0	251.2	140.5	76.7	42.6	27.7	19.2	12.8
22.5°	1262.6	987.9	747.3	462.0	289.6	168.2	93.7	46.8	27.7	19.2	12.8
20°	1341.4	1049.7	800.6	532.3	330.0	193.8	108.6	51.1	27.7	19.2	14.9
17.5°	1409.5	1111.4	843.2	591.9	370.5	212.9	125.6	55.4	29.8	19.2	14.9
15°	1488.3	1171.1	881.5	638.8	408.8	230.0	140.5	59.6	29.8	21.3	14.9
12.5°	1573.5	1226.4	909.2	677.1	449.3	244.9	153.3	68.1	31.9	21.3	14.9
10°	1660.8	1273.3	932.6	704.8	479.1	259.8	161.8	76.7	34.1	21.3	14.9
7.5°	1748.1	1315.8	962.4	717.5	491.8	276.8	166.1	85.2	34.1	23.4	14.9
5°	1807.7	1343.5	1005.0	726.1	498.2	296.0	172.5	95.8	36.2	23.4	14.9
2.5°	1858.8	1360.6	1049.7	732.4	500.4	306.6	170.3	102.2	38.3	23.4	14.9
0°	1882.2	1360.6	1079.5	728.2	494.0	317.3	170.3	108.6	38.3	23.4	14.9
-2.5°	1846.0	1398.9	1071.0	730.3	496.1	317.3	178.9	110.7	42.6	25.6	14.9
-5°	1788.5	1413.8	1045.4	719.7	491.8	317.3	189.5	112.8	44.7	25.6	17.0
-7.5°	1733.2	1420.2	1015.6	709.0	485.5	308.7	191.6	110.7	49.0	27.7	17.0
-10°	1660.8	1349.9	977.3	689.9	472.7	302.3	195.9	110.7	51.1	27.7	17.0
-12.5°	1577.7	1264.7	930.5	662.2	457.8	296.0	198.0	110.7	53.2	29.8	17.0
-15°	1481.9	1177.4	877.2	632.4	436.5	287.4	193.8	108.6	55.4	29.8	19.2
-17.5°	1373.3	1092.3	821.9	596.2	413.1	276.8	185.2	106.5	55.4	29.8	19.2
-20°	1249.8	1007.1	760.1	560.0	385.4	264.0	176.7	102.2	55.4	29.8	19.2

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CATALOG NUMBER: IFLD-S-SA2D-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°	1139.1	928.3	696.2	519.5	355.6	249.1	166.1	97.9	55.4	31.9	19.2
-25°	1047.6	851.7	647.3	479.1	323.6	232.1	155.4	93.7	55.4	31.9	19.2
-27.5°	951.8	768.6	596.2	440.7	302.3	217.2	144.8	89.4	53.2	31.9	19.2
-30°	853.8	687.7	542.9	398.2	281.1	202.3	136.3	83.0	53.2	31.9	19.2
-32.5°	764.4	621.7	494.0	355.6	257.6	187.4	127.8	80.9	51.1	31.9	19.2
-35°	677.1	562.1	442.9	321.5	232.1	172.5	119.2	78.8	51.1	31.9	19.2
-37.5°	604.7	506.7	396.0	298.1	217.2	159.7	110.7	74.5	49.0	31.9	19.2
-40°	545.1	455.6	351.3	272.5	204.4	146.9	102.2	72.4	49.0	31.9	19.2
-42.5°	489.7	406.7	323.6	251.2	191.6	138.4	95.8	70.3	46.8	31.9	19.2
-45°	440.7	364.1	296.0	232.1	176.7	127.8	91.6	66.0	44.7	31.9	21.3
-47.5°	391.8	334.3	270.4	215.0	161.8	115.0	87.3	63.9	42.6	29.8	21.3
-50°	353.4	302.3	249.1	195.9	146.9	110.7	83.0	59.6	42.6	29.8	21.3
-52.5°	319.4	272.5	225.7	176.7	134.1	104.3	78.8	55.4	40.5	29.8	21.3
-55°	287.4	244.9	202.3	157.6	125.6	97.9	72.4	51.1	40.5	29.8	21.3
-57.5°	255.5	219.3	178.9	142.7	115.0	91.6	68.1	51.1	40.5	29.8	21.3
-60°	230.0	195.9	161.8	132.0	106.5	83.0	61.7	49.0	38.3	29.8	21.3
-62.5°	208.7	176.7	146.9	119.2	97.9	74.5	59.6	49.0	38.3	29.8	19.2
-65°	187.4	159.7	132.0	108.6	87.3	70.3	57.5	46.8	38.3	29.8	19.2
-67.5°	166.1	140.5	119.2	95.8	80.9	68.1	55.4	46.8	36.2	27.7	19.2
-70°	144.8	123.5	104.3	89.4	76.7	63.9	53.2	44.7	36.2	25.6	17.0
-72.5°	127.8	108.6	93.7	83.0	72.4	61.7	51.1	42.6	34.1	23.4	14.9
-75°	108.6	95.8	85.2	74.5	66.0	57.5	49.0	38.3	29.8	21.3	14.9
-77.5°	91.6	83.0	74.5	68.1	59.6	51.1	42.6	34.1	27.7	19.2	12.8
-80°	78.8	72.4	66.0	59.6	53.2	44.7	38.3	29.8	23.4	17.0	10.6
-82.5°	63.9	59.6	53.2	49.0	44.7	38.3	31.9	25.6	17.0	12.8	8.5
-85°	49.0	44.7	42.6	38.3	34.1	27.7	21.3	17.0	12.8	8.5	4.3
-87.5°	25.6	23.4	21.3	19.2	17.0	12.8	10.6	8.5	6.4	4.3	2.1
-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-S-SA2D-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°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	2.1	2.1	0.0	0.0
67.5°	4.3	2.1	0.0	0.0
65°	4.3	2.1	0.0	0.0
62.5°	4.3	2.1	0.0	0.0
60°	4.3	2.1	0.0	0.0
57.5°	6.4	2.1	2.1	0.0
55°	6.4	2.1	2.1	0.0
52.5°	6.4	2.1	2.1	0.0
50°	6.4	4.3	2.1	0.0
47.5°	6.4	4.3	2.1	0.0
45°	6.4	4.3	2.1	0.0
42.5°	6.4	4.3	2.1	0.0
40°	8.5	4.3	2.1	0.0
37.5°	8.5	4.3	2.1	0.0
35°	8.5	4.3	2.1	0.0
32.5°	8.5	4.3	2.1	0.0
30°	8.5	4.3	2.1	0.0
27.5°	8.5	6.4	2.1	0.0
25°	8.5	6.4	2.1	0.0
22.5°	10.6	6.4	2.1	0.0
20°	10.6	6.4	2.1	0.0
17.5°	10.6	6.4	2.1	0.0
15°	10.6	6.4	2.1	0.0
12.5°	10.6	6.4	2.1	0.0
10°	10.6	6.4	2.1	0.0
7.5°	10.6	6.4	2.1	0.0
5°	10.6	6.4	2.1	0.0
2.5°	10.6	6.4	2.1	0.0
0°	10.6	6.4	2.1	0.0
-2.5°	10.6	6.4	2.1	0.0
-5°	10.6	6.4	2.1	0.0
-7.5°	10.6	6.4	2.1	0.0
-10°	10.6	6.4	2.1	0.0
-12.5°	12.8	6.4	2.1	0.0
-15°	12.8	6.4	2.1	0.0
-17.5°	12.8	6.4	2.1	0.0
-20°	12.8	6.4	2.1	0.0

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CATALOG NUMBER: IFLD-S-SA2D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.8	6.4	2.1	0.0
-25°	12.8	6.4	2.1	0.0
-27.5°	12.8	6.4	2.1	0.0
-30°	12.8	6.4	2.1	0.0
-32.5°	12.8	6.4	2.1	0.0
-35°	12.8	6.4	2.1	0.0
-37.5°	12.8	6.4	2.1	0.0
-40°	12.8	6.4	2.1	0.0
-42.5°	10.6	6.4	2.1	0.0
-45°	12.8	6.4	2.1	0.0
-47.5°	12.8	6.4	2.1	0.0
-50°	12.8	6.4	2.1	0.0
-52.5°	12.8	6.4	2.1	0.0
-55°	12.8	6.4	2.1	0.0
-57.5°	12.8	6.4	2.1	0.0
-60°	12.8	6.4	2.1	0.0
-62.5°	10.6	6.4	2.1	0.0
-65°	10.6	4.3	2.1	0.0
-67.5°	10.6	4.3	2.1	0.0
-70°	10.6	4.3	2.1	0.0
-72.5°	8.5	4.3	2.1	0.0
-75°	8.5	4.3	2.1	0.0
-77.5°	6.4	2.1	0.0	0.0
-80°	6.4	2.1	0.0	0.0
-82.5°	4.3	2.1	0.0	0.0
-85°	2.1	2.1	0.0	0.0
-87.5°	2.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)