

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: P722600

Luminaire Tested: **IFLD-S-SA2D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722600
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

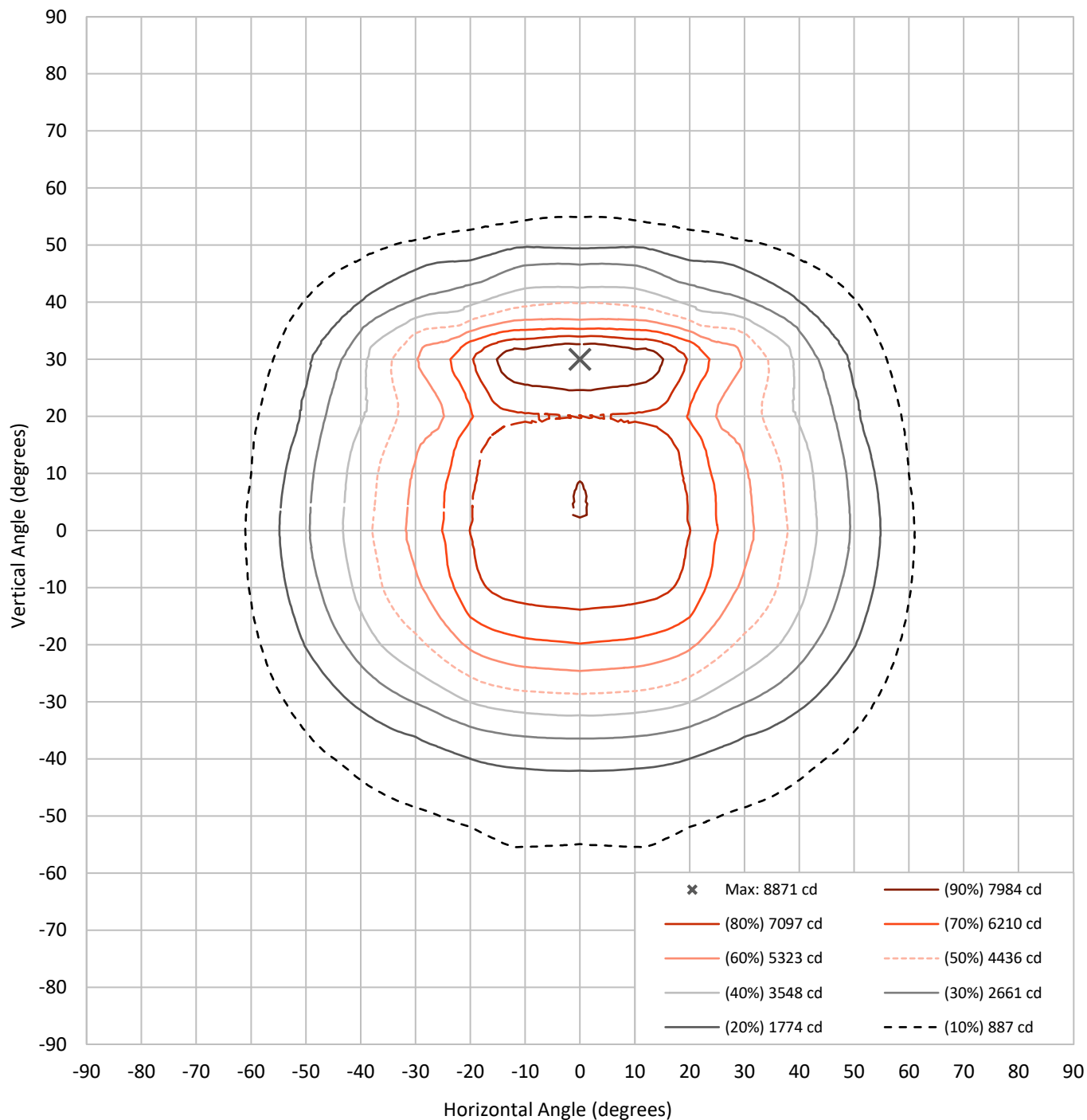
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12707.1 lumens	Max Intensity:	8871 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8106.6 lumens	Field Lumens:	11980 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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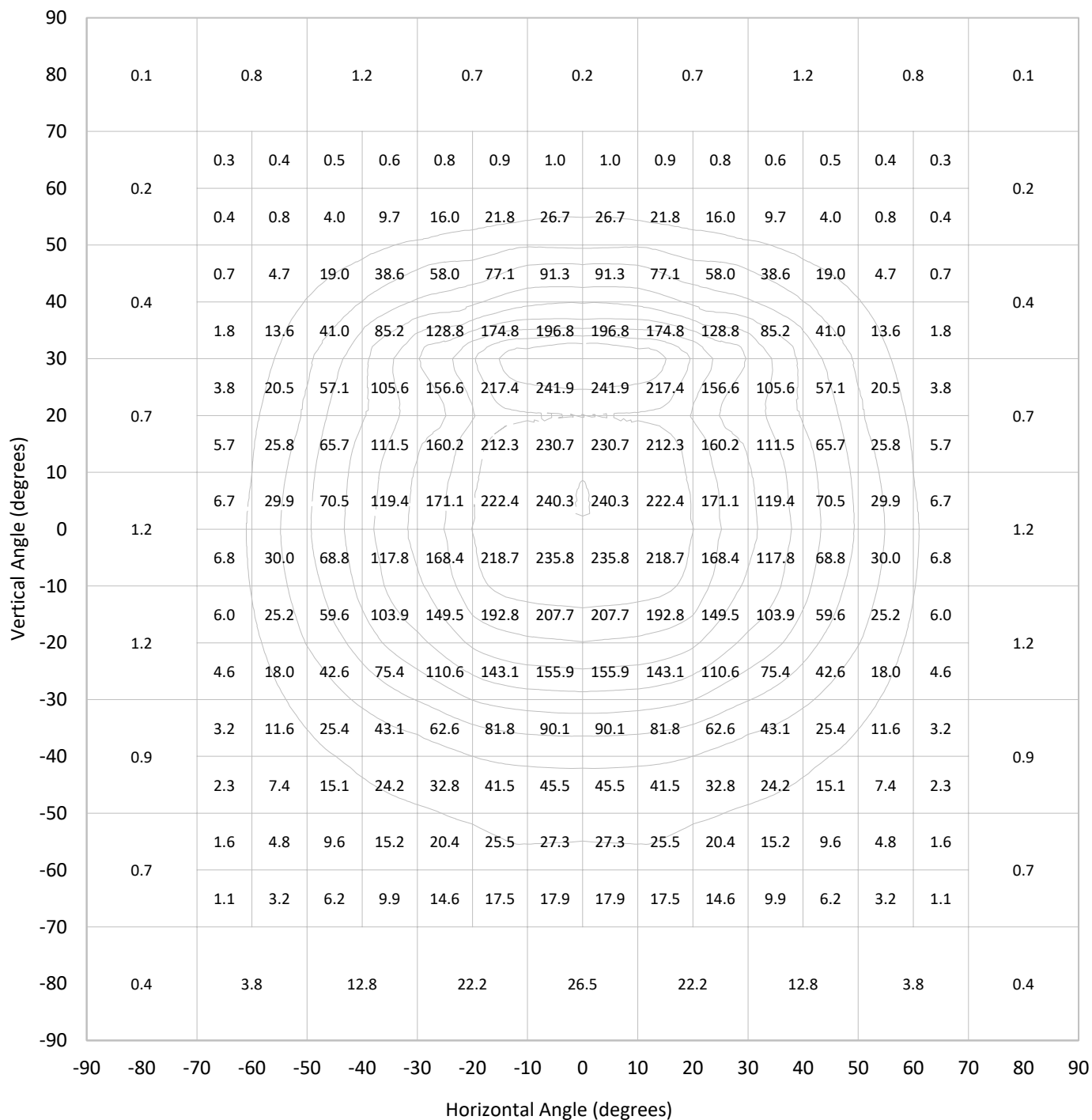
Iso-Candela Plot



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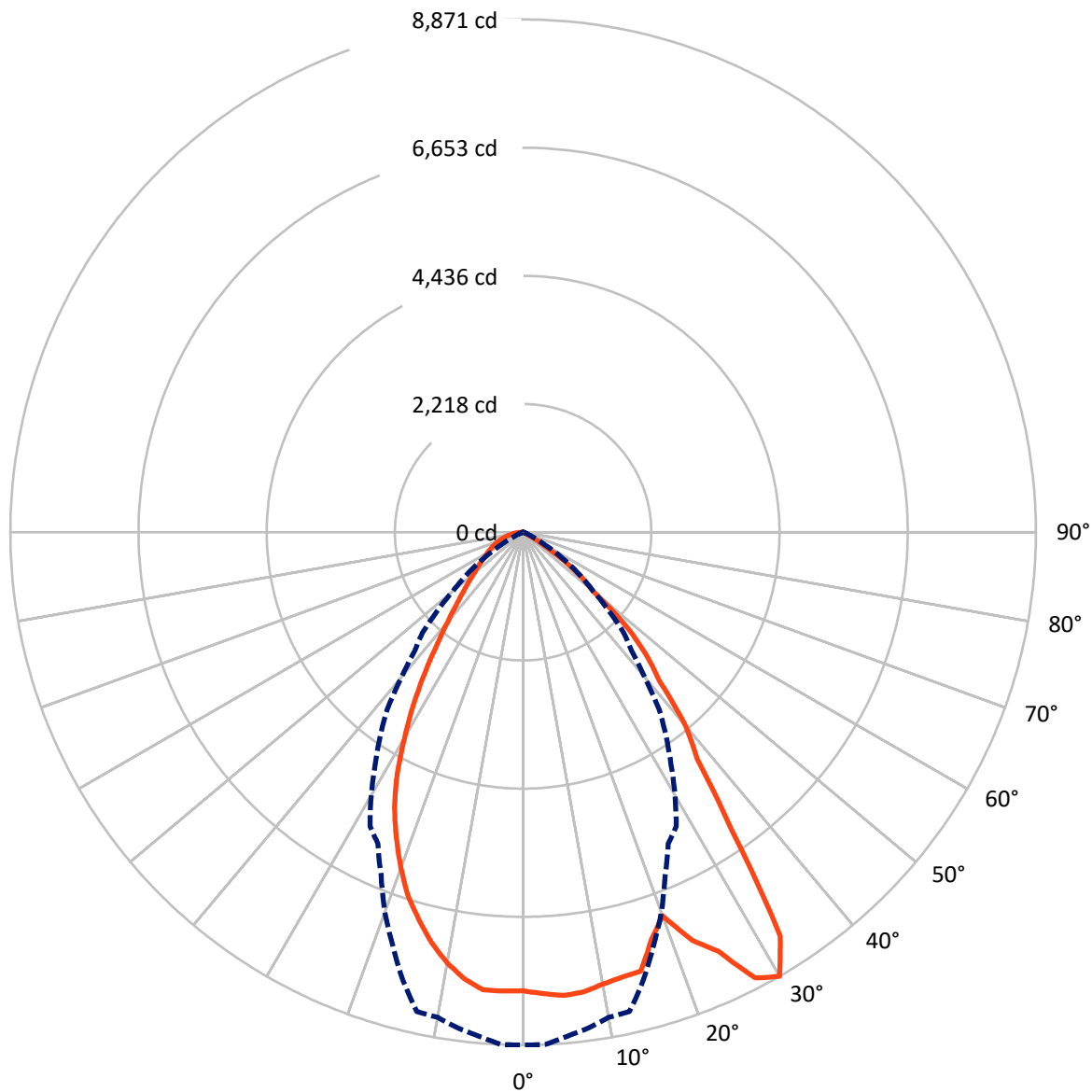
Lumen Table



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Luminous Intensity Polar Plot



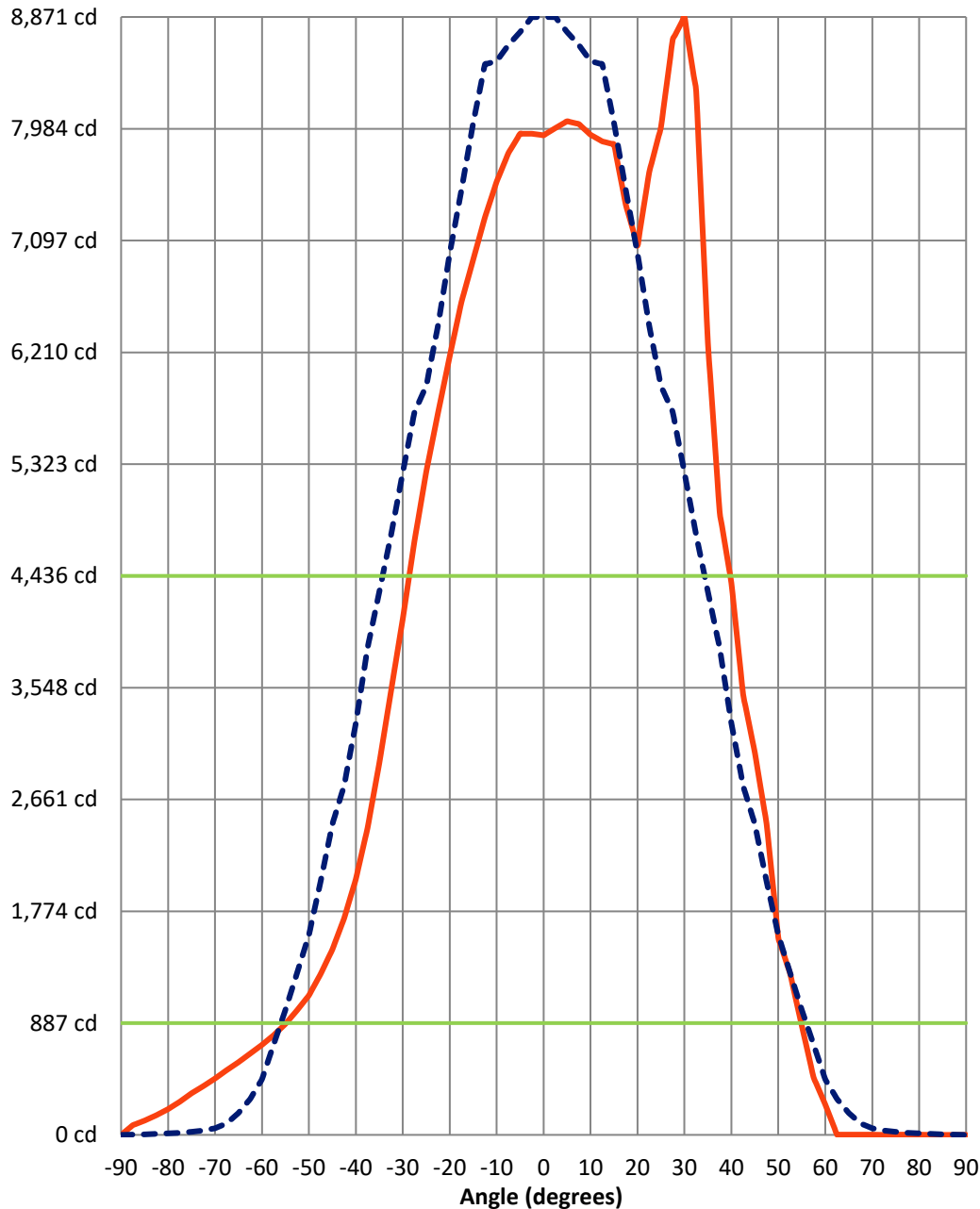
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg



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Luminous Intensity Plot



Beam:
H Angle: 68.6°
V Angle: 68.4°
Lumens: 8106.6
Efficiency: 63.8%

Field:
H Angle: 111.9°
V Angle: 109.7°
Lumens: 11980
Efficiency: 94.3%

Spill:
Lumens: 727.2
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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	6.1
82.5°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	6.1	6.1	8.1
80°	2.0	2.0	2.0	2.0	4.0	4.0	4.0	6.1	6.1	8.1	8.1
77.5°	2.0	2.0	2.0	4.0	4.0	4.0	6.1	6.1	8.1	8.1	10.1
75°	2.0	2.0	2.0	4.0	4.0	6.1	6.1	6.1	8.1	8.1	10.1
72.5°	0.0	2.0	2.0	4.0	4.0	6.1	6.1	6.1	8.1	8.1	8.1
70°	2.0	2.0	2.0	4.0	4.0	6.1	6.1	6.1	8.1	8.1	8.1
67.5°	2.0	2.0	2.0	4.0	4.0	6.1	6.1	8.1	8.1	8.1	10.1
65°	2.0	2.0	2.0	4.0	6.1	6.1	8.1	10.1	10.1	12.1	14.2
62.5°	2.0	4.0	4.0	6.1	8.1	10.1	22.3	34.4	34.4	24.3	20.2
60°	240.7	261.0	258.9	234.7	204.3	172.0	165.9	159.8	147.7	129.5	135.5
57.5°	457.2	481.5	491.6	485.5	469.3	441.0	424.8	406.6	382.4	354.0	321.7
55°	865.9	876.0	853.7	811.2	764.7	718.2	702.0	677.7	641.3	604.9	556.3
52.5°	1280.6	1315.0	1304.9	1262.4	1199.7	1116.7	1025.7	954.9	912.4	871.9	823.4
50°	1563.8	1578.0	1606.3	1656.9	1675.1	1618.4	1470.7	1280.6	1145.0	1213.8	1161.2
47.5°	2468.1	2538.9	2524.7	2488.3	2427.6	2273.9	2067.5	1897.6	1756.0	1709.5	1717.6
45°	3032.5	3060.8	3050.7	3034.5	3006.2	2862.6	2634.0	2373.0	2241.5	2188.9	2134.3
42.5°	3495.8	3526.1	3532.2	3534.2	3503.9	3372.4	3166.0	2905.1	2773.6	2621.8	2502.5
40°	4379.9	4424.4	4373.8	4307.0	4205.9	4056.2	3853.9	3613.1	3380.5	3194.4	3052.8
37.5°	4944.3	4998.9	5019.1	5015.1	4992.8	4928.1	4679.3	4450.7	4094.6	3677.9	3752.7
35°	6283.5	6340.2	6324.0	6263.3	6230.9	6162.2	5919.4	5648.3	5201.2	4748.1	4626.7
32.5°	8280.3	8403.7	8173.1	7920.2	7764.4	7819.0	7572.2	6908.7	6702.3	5885.0	5506.7
30°	8871.0	8869.0	8751.6	8648.5	8521.0	8494.7	8029.4	7499.4	6993.6	6421.1	5943.7
27.5°	8690.9	8654.5	8555.4	8480.6	8361.2	8298.5	7843.3	7422.5	6837.8	6326.0	5864.8
25°	7997.0	8025.4	7924.2	7910.1	7863.5	7742.1	7515.6	7042.2	6520.2	5953.8	5622.0
22.5°	7639.0	7628.9	7507.5	7436.7	7493.3	7363.8	7272.8	6795.4	6251.2	5773.7	5375.2
20°	7056.3	7058.4	7028.0	7021.9	6987.6	6928.9	6856.1	6518.2	6133.8	5725.2	5245.7
17.5°	7382.0	7465.0	7501.4	7200.0	7284.9	7218.2	7141.3	6669.9	6380.6	6018.5	5393.4
15°	7859.5	7829.1	7792.7	7776.5	7730.0	7667.3	7527.7	7151.4	6653.8	6279.5	5791.9
12.5°	7883.8	7825.1	7810.9	7808.9	7760.4	7673.4	7537.8	7226.3	6785.3	6330.1	5933.6
10°	7936.4	7875.7	7867.6	7877.7	7802.8	7748.2	7612.7	7323.4	6825.7	6417.1	6042.8
7.5°	8021.3	7920.2	7966.7	7936.4	7902.0	7815.0	7669.3	7386.1	6973.4	6532.4	6139.9
5°	8043.6	7932.3	7982.9	7954.6	7904.0	7819.0	7661.2	7426.6	7064.4	6578.9	6178.3
2.5°	7989.0	7956.6	7934.3	7881.7	7859.5	7766.4	7616.7	7365.9	7021.9	6558.7	6170.2
0°	7932.3	7960.6	7910.1	7857.5	7847.3	7772.5	7645.0	7418.5	7121.1	6615.3	6239.0
-2.5°	7944.4	7922.2	7887.8	7833.2	7780.6	7673.4	7558.0	7345.6	7026.0	6491.9	6141.9
-5°	7944.4	7841.3	7845.3	7847.3	7794.7	7683.5	7543.9	7363.8	6969.3	6489.9	6113.6
-7.5°	7790.7	7701.7	7687.5	7675.4	7661.2	7558.0	7448.8	7224.2	6874.3	6437.3	6034.7
-10°	7564.1	7477.1	7485.2	7467.0	7422.5	7353.7	7270.8	7068.5	6781.2	6271.4	5874.9
-12.5°	7280.9	7242.5	7220.2	7189.9	7145.3	7084.7	6999.7	6809.5	6502.0	6067.1	5690.8
-15°	6945.1	6916.7	6896.5	6878.3	6813.6	6750.9	6639.6	6463.6	6271.4	5804.1	5419.7
-17.5°	6609.2	6538.4	6510.1	6485.8	6443.4	6342.2	6241.1	6109.6	5840.5	5470.3	5140.5
-20°	6178.3	6135.9	6101.5	6069.1	6008.4	5929.5	5846.6	5694.8	5462.2	5162.8	4820.9

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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°	5727.2	5702.9	5674.6	5634.1	5593.7	5518.8	5403.5	5257.9	5075.8	4752.1	4432.5
-25°	5261.9	5215.4	5181.0	5142.5	5110.2	5041.4	4930.1	4790.5	4561.9	4282.8	4015.7
-27.5°	4713.7	4669.2	4651.0	4606.4	4578.1	4515.4	4404.1	4274.7	4068.3	3833.6	3562.6
-30°	4094.6	4102.7	4082.5	4040.0	4005.6	3924.7	3839.7	3730.5	3568.6	3344.1	3101.3
-32.5°	3522.1	3532.2	3507.9	3463.4	3418.9	3360.3	3281.4	3182.2	3060.8	2846.4	2636.0
-35°	2949.6	2945.5	2925.3	2899.0	2868.7	2820.1	2731.1	2656.2	2516.7	2366.9	2221.3
-37.5°	2435.7	2445.8	2439.8	2425.6	2391.2	2350.8	2277.9	2209.2	2106.0	1974.5	1861.2
-40°	2029.1	2041.2	2033.1	2019.0	1988.6	1964.4	1915.8	1855.1	1772.2	1658.9	1563.8
-42.5°	1717.6	1725.6	1715.5	1703.4	1677.1	1658.9	1620.4	1569.9	1501.1	1414.1	1329.1
-45°	1470.7	1472.8	1462.7	1454.6	1434.3	1412.1	1379.7	1339.2	1284.6	1223.9	1155.2
-47.5°	1276.5	1274.5	1264.4	1256.3	1240.1	1219.9	1193.6	1157.2	1114.7	1068.2	1013.5
-50°	1106.6	1116.7	1112.7	1104.6	1092.4	1078.3	1052.0	1013.5	971.1	936.7	898.2
-52.5°	989.3	991.3	989.3	989.3	987.2	977.1	946.8	908.3	861.8	831.5	799.1
-55°	880.0	890.1	894.2	898.2	900.2	900.2	863.8	823.4	778.9	748.5	724.2
-57.5°	791.0	797.1	801.1	811.2	819.3	825.4	793.0	756.6	722.2	693.9	671.6
-60°	714.1	722.2	728.3	738.4	744.5	748.5	728.3	704.0	683.8	665.6	633.2
-62.5°	645.3	651.4	657.5	663.6	669.6	673.7	665.6	653.4	643.3	635.2	594.8
-65°	576.6	582.6	588.7	596.8	602.9	606.9	604.9	596.8	588.7	580.6	544.2
-67.5°	513.9	519.9	528.0	530.0	534.1	536.1	532.1	526.0	515.9	505.8	477.4
-70°	447.1	451.1	455.2	455.2	455.2	453.2	449.1	441.0	430.9	416.7	394.5
-72.5°	386.4	390.4	394.5	388.4	384.4	378.3	372.2	362.1	352.0	341.9	329.8
-75°	329.8	331.8	331.8	323.7	317.6	311.5	303.5	297.4	287.3	279.2	269.1
-77.5°	263.0	263.0	263.0	256.9	252.9	248.8	242.8	236.7	228.6	222.5	214.4
-80°	204.3	204.3	204.3	202.3	196.2	192.2	188.1	184.1	178.0	174.0	169.9
-82.5°	155.8	155.8	155.8	153.8	149.7	147.7	143.6	139.6	137.6	133.5	131.5
-85°	113.3	115.3	115.3	113.3	111.3	107.2	105.2	103.2	101.2	99.1	95.1
-87.5°	76.9	76.9	76.9	74.9	72.8	72.8	70.8	66.8	62.7	60.7	58.7
-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.1	6.1	6.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	6.1
82.5°	10.1	10.1	12.1	12.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2
80°	10.1	12.1	14.2	16.2	18.2	20.2	20.2	20.2	20.2	18.2	18.2
77.5°	12.1	12.1	14.2	16.2	18.2	20.2	22.3	24.3	22.3	22.3	22.3
75°	12.1	14.2	14.2	16.2	18.2	20.2	22.3	24.3	24.3	24.3	24.3
72.5°	10.1	12.1	14.2	16.2	16.2	18.2	20.2	20.2	22.3	22.3	24.3
70°	10.1	12.1	14.2	14.2	16.2	16.2	18.2	20.2	20.2	22.3	22.3
67.5°	12.1	14.2	14.2	16.2	18.2	18.2	18.2	20.2	20.2	22.3	22.3
65°	14.2	16.2	16.2	18.2	20.2	20.2	22.3	22.3	22.3	24.3	24.3
62.5°	24.3	24.3	24.3	22.3	24.3	24.3	24.3	26.3	26.3	24.3	26.3
60°	125.4	91.0	62.7	78.9	70.8	32.4	32.4	32.4	30.3	30.3	28.3
57.5°	295.4	275.1	236.7	200.3	180.0	159.8	99.1	40.5	40.5	36.4	32.4
55°	493.6	426.9	398.5	350.0	297.4	273.1	226.6	153.8	72.8	48.6	42.5
52.5°	764.7	702.0	629.2	530.0	459.2	402.6	364.1	289.3	194.2	103.2	64.7
50°	1023.7	995.3	950.8	853.7	706.0	611.0	548.2	463.3	348.0	212.4	121.4
47.5°	1648.8	1412.1	1268.4	1193.6	1070.2	890.1	768.8	673.7	534.1	358.1	214.4
45°	2075.6	1925.9	1697.3	1539.5	1357.5	1167.3	1009.5	900.2	734.4	536.1	335.8
42.5°	2441.8	2312.3	2106.0	1875.4	1683.2	1434.3	1232.0	1088.4	948.8	732.3	501.7
40°	2913.2	2759.4	2561.2	2336.6	2112.0	1794.4	1466.7	1292.7	1139.0	946.8	677.7
37.5°	3690.0	3418.9	3095.2	2846.4	2553.1	2284.0	1834.9	1527.4	1345.3	1145.0	884.1
35°	4624.7	4327.3	3787.1	3457.4	3064.9	2664.3	2259.7	1804.5	1545.6	1333.2	1074.2
32.5°	5494.6	5059.6	4367.7	3981.3	3720.4	2981.9	2563.2	2168.7	1751.9	1491.0	1183.5
30°	5735.3	5255.8	4760.2	4309.1	3864.0	3267.2	2771.6	2464.1	2010.9	1586.1	1286.6
27.5°	5492.5	5162.8	4778.4	4359.6	3878.2	3366.3	2899.0	2605.7	2201.1	1650.8	1367.6
25°	5245.7	4901.8	4632.7	4282.8	3837.7	3360.3	2903.1	2694.7	2348.7	1776.2	1412.1
22.5°	4984.8	4770.3	4547.8	4157.3	3736.5	3378.5	3034.5	2771.6	2425.6	1917.8	1430.3
20°	4998.9	4859.3	4614.5	4092.6	3718.3	3485.7	3192.3	2868.7	2508.6	2041.2	1444.4
17.5°	5225.5	5043.4	4735.9	4282.8	3882.2	3594.9	3323.8	3002.2	2593.5	2150.5	1616.4
15°	5504.7	5227.5	4905.9	4507.3	4054.2	3714.3	3425.0	3095.2	2690.6	2251.6	1770.2
12.5°	5707.0	5312.5	5011.1	4651.0	4240.3	3843.8	3491.8	3166.0	2781.7	2334.6	1885.5
10°	5775.8	5417.7	5061.6	4740.0	4335.4	3912.5	3542.3	3210.6	2860.6	2399.3	1970.4
7.5°	5812.2	5508.7	5096.0	4780.4	4392.0	3955.0	3582.8	3234.8	2923.3	2443.8	2025.1
5°	5808.1	5557.3	5122.3	4792.6	4422.3	3973.2	3611.1	3240.9	2967.8	2482.3	2057.4
2.5°	5789.9	5589.6	5164.8	4812.8	4483.0	4007.6	3665.7	3253.0	2984.0	2524.7	2079.7
0°	5856.7	5591.7	5209.3	4818.9	4523.5	4019.8	3690.0	3242.9	2961.7	2536.9	2077.7
-2.5°	5713.0	5472.3	5199.2	4766.3	4468.9	3991.4	3645.5	3210.6	2913.2	2522.7	2069.6
-5°	5688.8	5385.3	5114.2	4717.7	4377.8	3932.8	3562.6	3149.9	2836.3	2476.2	2037.2
-7.5°	5624.0	5302.4	5031.3	4679.3	4292.9	3872.1	3483.7	3087.1	2753.3	2403.4	1990.7
-10°	5482.4	5174.9	4942.3	4596.3	4189.7	3785.1	3388.6	3004.2	2656.2	2304.2	1917.8
-12.5°	5280.1	4972.6	4742.0	4420.3	4060.2	3667.8	3275.3	2897.0	2545.0	2199.0	1830.8
-15°	5051.5	4740.0	4509.3	4216.0	3868.0	3485.7	3131.7	2761.4	2417.5	2087.8	1727.7
-17.5°	4792.6	4497.2	4274.7	3989.4	3643.5	3279.3	2927.3	2591.5	2269.8	1972.5	1608.3
-20°	4493.2	4205.9	4001.6	3716.3	3398.7	3044.7	2702.8	2385.2	2095.9	1816.7	1476.8

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CATALOG NUMBER: IFLD-S-SA2D-830-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°	4122.9	3870.1	3637.4	3382.5	3105.4	2781.7	2464.1	2182.9	1905.7	1632.6	1341.3
-25°	3744.6	3499.8	3273.3	3040.6	2775.6	2496.4	2225.3	1970.4	1699.3	1452.5	1209.8
-27.5°	3323.8	3105.4	2903.1	2688.6	2445.8	2205.1	1982.6	1733.7	1499.1	1288.7	1080.3
-30°	2874.7	2696.7	2520.7	2330.5	2134.3	1932.0	1733.7	1499.1	1315.0	1147.1	971.1
-32.5°	2443.8	2284.0	2142.4	2000.8	1830.8	1665.0	1489.0	1315.0	1161.2	1013.5	865.9
-35°	2065.5	1895.6	1816.7	1703.4	1567.8	1418.1	1274.5	1153.1	1029.7	896.2	764.7
-37.5°	1737.8	1628.5	1535.5	1450.5	1343.3	1213.8	1110.6	1011.5	908.3	787.0	673.7
-40°	1480.9	1402.0	1308.9	1246.2	1159.2	1066.1	963.0	880.0	793.0	693.9	600.8
-42.5°	1274.5	1209.8	1149.1	1082.3	1017.6	938.7	849.7	770.8	691.9	619.0	542.2
-45°	1104.6	1058.0	1009.5	954.9	898.2	829.4	756.6	675.7	619.0	554.3	489.6
-47.5°	965.0	930.6	890.1	847.7	799.1	738.4	671.6	613.0	554.3	499.7	437.0
-50°	853.7	821.4	789.0	752.6	710.1	657.5	606.9	552.3	497.7	445.1	386.4
-52.5°	760.7	732.3	706.0	675.7	635.2	590.7	544.2	495.6	445.1	392.5	345.9
-55°	695.9	663.6	637.3	606.9	570.5	528.0	485.5	441.0	392.5	352.0	313.6
-57.5°	643.3	606.9	576.6	544.2	507.8	471.4	432.9	392.5	356.1	317.6	281.2
-60°	598.8	556.3	521.9	489.6	455.2	420.8	388.4	354.0	319.6	285.2	248.8
-62.5°	552.3	507.8	465.3	435.0	408.7	378.3	350.0	317.6	287.3	252.9	226.6
-65°	499.7	457.2	416.7	390.4	366.2	339.9	313.6	285.2	258.9	232.6	208.4
-67.5°	441.0	404.6	376.3	352.0	327.7	305.5	281.2	256.9	234.7	208.4	184.1
-70°	370.2	350.0	333.8	315.6	293.3	273.1	250.9	228.6	204.3	182.1	159.8
-72.5°	315.6	303.5	291.3	273.1	252.9	234.7	216.5	196.2	176.0	155.8	137.6
-75°	258.9	248.8	238.7	226.6	210.4	196.2	180.0	161.8	145.7	131.5	117.3
-77.5°	208.4	200.3	194.2	184.1	172.0	159.8	149.7	137.6	125.4	111.3	97.1
-80°	165.9	161.8	159.8	155.8	145.7	135.5	127.5	117.3	105.2	95.1	85.0
-82.5°	129.5	129.5	127.5	125.4	117.3	109.2	103.2	95.1	87.0	78.9	68.8
-85°	95.1	93.1	93.1	91.0	85.0	80.9	74.9	70.8	64.7	56.6	52.6
-87.5°	56.6	54.6	52.6	50.6	46.5	44.5	40.5	38.4	34.4	30.3	28.3
-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-S-SA2D-830-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
85°	6.1	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0
82.5°	12.1	12.1	10.1	10.1	8.1	6.1	4.0	4.0	4.0	2.0	2.0
80°	18.2	18.2	18.2	16.2	14.2	10.1	8.1	6.1	4.0	2.0	2.0
77.5°	22.3	20.2	20.2	18.2	18.2	16.2	12.1	10.1	6.1	4.0	2.0
75°	22.3	22.3	22.3	20.2	20.2	18.2	16.2	12.1	10.1	6.1	4.0
72.5°	24.3	22.3	22.3	22.3	20.2	18.2	16.2	14.2	12.1	8.1	4.0
70°	22.3	22.3	22.3	22.3	20.2	20.2	16.2	14.2	14.2	8.1	6.1
67.5°	22.3	22.3	22.3	20.2	20.2	18.2	16.2	14.2	14.2	10.1	6.1
65°	24.3	22.3	22.3	22.3	20.2	18.2	16.2	14.2	14.2	12.1	8.1
62.5°	26.3	24.3	24.3	22.3	20.2	18.2	16.2	14.2	14.2	12.1	8.1
60°	28.3	26.3	24.3	24.3	22.3	20.2	16.2	16.2	14.2	12.1	8.1
57.5°	30.3	28.3	28.3	26.3	24.3	22.3	18.2	16.2	14.2	12.1	10.1
55°	36.4	32.4	30.3	30.3	28.3	24.3	20.2	16.2	14.2	12.1	10.1
52.5°	48.6	38.4	34.4	34.4	32.4	28.3	22.3	18.2	14.2	12.1	10.1
50°	76.9	48.6	40.5	36.4	36.4	32.4	26.3	20.2	14.2	12.1	10.1
47.5°	121.4	80.9	48.6	42.5	40.5	38.4	30.3	20.2	16.2	12.1	10.1
45°	200.3	119.4	78.9	50.6	42.5	40.5	34.4	22.3	16.2	14.2	10.1
42.5°	275.1	186.1	121.4	60.7	50.6	44.5	36.4	24.3	18.2	14.2	10.1
40°	432.9	254.9	169.9	99.1	58.7	46.5	40.5	28.3	18.2	14.2	10.1
37.5°	586.7	337.8	228.6	145.7	66.8	52.6	42.5	30.3	20.2	14.2	12.1
35°	740.4	473.4	283.2	194.2	89.0	62.7	44.5	32.4	20.2	14.2	12.1
32.5°	878.0	600.8	339.9	242.8	133.5	74.9	48.6	34.4	22.3	16.2	12.1
30°	991.3	718.2	441.0	285.2	174.0	91.0	52.6	34.4	24.3	16.2	12.1
27.5°	1076.3	809.2	544.2	329.8	208.4	107.2	60.7	38.4	24.3	16.2	12.1
25°	1145.0	880.0	635.2	376.3	238.7	133.5	72.8	40.5	26.3	18.2	12.1
22.5°	1199.7	938.7	710.1	439.0	275.1	159.8	89.0	44.5	26.3	18.2	12.1
20°	1274.5	997.4	760.7	505.8	313.6	184.1	103.2	48.6	26.3	18.2	14.2
17.5°	1339.2	1056.0	801.1	562.4	352.0	202.3	119.4	52.6	28.3	18.2	14.2
15°	1414.1	1112.7	837.5	606.9	388.4	218.5	133.5	56.6	28.3	20.2	14.2
12.5°	1495.0	1165.3	863.8	643.3	426.9	232.6	145.7	64.7	30.3	20.2	14.2
10°	1578.0	1209.8	886.1	669.6	455.2	246.8	153.8	72.8	32.4	20.2	14.2
7.5°	1660.9	1250.2	914.4	681.8	467.3	263.0	157.8	80.9	32.4	22.3	14.2
5°	1717.6	1276.5	954.9	689.9	473.4	281.2	163.9	91.0	34.4	22.3	14.2
2.5°	1766.1	1292.7	997.4	695.9	475.4	291.3	161.8	97.1	36.4	22.3	14.2
0°	1788.4	1292.7	1025.7	691.9	469.3	301.4	161.8	103.2	36.4	22.3	14.2
-2.5°	1754.0	1329.1	1017.6	693.9	471.4	301.4	169.9	105.2	40.5	24.3	14.2
-5°	1699.3	1343.3	993.3	683.8	467.3	301.4	180.0	107.2	42.5	24.3	16.2
-7.5°	1646.7	1349.4	965.0	673.7	461.3	293.3	182.1	105.2	46.5	26.3	16.2
-10°	1578.0	1282.6	928.6	655.5	449.1	287.3	186.1	105.2	48.6	26.3	16.2
-12.5°	1499.1	1201.7	884.1	629.2	435.0	281.2	188.1	105.2	50.6	28.3	16.2
-15°	1408.0	1118.7	833.5	600.8	414.7	273.1	184.1	103.2	52.6	28.3	18.2
-17.5°	1304.9	1037.8	780.9	566.4	392.5	263.0	176.0	101.2	52.6	28.3	18.2
-20°	1187.5	956.9	722.2	532.1	366.2	250.9	167.9	97.1	52.6	28.3	18.2

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CATALOG NUMBER: IFLD-S-SA2D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1082.3	882.0	661.5	493.6	337.8	236.7	157.8	93.1	52.6	30.3	18.2
-25°	995.3	809.2	615.0	455.2	307.5	220.5	147.7	89.0	52.6	30.3	18.2
-27.5°	904.3	730.3	566.4	418.8	287.3	206.3	137.6	85.0	50.6	30.3	18.2
-30°	811.2	653.4	515.9	378.3	267.0	192.2	129.5	78.9	50.6	30.3	18.2
-32.5°	726.3	590.7	469.3	337.8	244.8	178.0	121.4	76.9	48.6	30.3	18.2
-35°	643.3	534.1	420.8	305.5	220.5	163.9	113.3	74.9	48.6	30.3	18.2
-37.5°	574.5	481.5	376.3	283.2	206.3	151.7	105.2	70.8	46.5	30.3	18.2
-40°	517.9	432.9	333.8	258.9	194.2	139.6	97.1	68.8	46.5	30.3	18.2
-42.5°	465.3	386.4	307.5	238.7	182.1	131.5	91.0	66.8	44.5	30.3	18.2
-45°	418.8	345.9	281.2	220.5	167.9	121.4	87.0	62.7	42.5	30.3	20.2
-47.5°	372.2	317.6	256.9	204.3	153.8	109.2	82.9	60.7	40.5	28.3	20.2
-50°	335.8	287.3	236.7	186.1	139.6	105.2	78.9	56.6	40.5	28.3	20.2
-52.5°	303.5	258.9	214.4	167.9	127.5	99.1	74.9	52.6	38.4	28.3	20.2
-55°	273.1	232.6	192.2	149.7	119.4	93.1	68.8	48.6	38.4	28.3	20.2
-57.5°	242.8	208.4	169.9	135.5	109.2	87.0	64.7	48.6	38.4	28.3	20.2
-60°	218.5	186.1	153.8	125.4	101.2	78.9	58.7	46.5	36.4	28.3	20.2
-62.5°	198.3	167.9	139.6	113.3	93.1	70.8	56.6	46.5	36.4	28.3	18.2
-65°	178.0	151.7	125.4	103.2	82.9	66.8	54.6	44.5	36.4	28.3	18.2
-67.5°	157.8	133.5	113.3	91.0	76.9	64.7	52.6	44.5	34.4	26.3	18.2
-70°	137.6	117.3	99.1	85.0	72.8	60.7	50.6	42.5	34.4	24.3	16.2
-72.5°	121.4	103.2	89.0	78.9	68.8	58.7	48.6	40.5	32.4	22.3	14.2
-75°	103.2	91.0	80.9	70.8	62.7	54.6	46.5	36.4	28.3	20.2	14.2
-77.5°	87.0	78.9	70.8	64.7	56.6	48.6	40.5	32.4	26.3	18.2	12.1
-80°	74.9	68.8	62.7	56.6	50.6	42.5	36.4	28.3	22.3	16.2	10.1
-82.5°	60.7	56.6	50.6	46.5	42.5	36.4	30.3	24.3	16.2	12.1	8.1
-85°	46.5	42.5	40.5	36.4	32.4	26.3	20.2	16.2	12.1	8.1	4.0
-87.5°	24.3	22.3	20.2	18.2	16.2	12.1	10.1	8.1	6.1	4.0	2.0
-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-830-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°	2.0	0.0	0.0	0.0
77.5°	2.0	0.0	0.0	0.0
75°	2.0	2.0	0.0	0.0
72.5°	2.0	2.0	0.0	0.0
70°	2.0	2.0	0.0	0.0
67.5°	4.0	2.0	0.0	0.0
65°	4.0	2.0	0.0	0.0
62.5°	4.0	2.0	0.0	0.0
60°	4.0	2.0	0.0	0.0
57.5°	6.1	2.0	2.0	0.0
55°	6.1	2.0	2.0	0.0
52.5°	6.1	2.0	2.0	0.0
50°	6.1	4.0	2.0	0.0
47.5°	6.1	4.0	2.0	0.0
45°	6.1	4.0	2.0	0.0
42.5°	6.1	4.0	2.0	0.0
40°	8.1	4.0	2.0	0.0
37.5°	8.1	4.0	2.0	0.0
35°	8.1	4.0	2.0	0.0
32.5°	8.1	4.0	2.0	0.0
30°	8.1	4.0	2.0	0.0
27.5°	8.1	6.1	2.0	0.0
25°	8.1	6.1	2.0	0.0
22.5°	10.1	6.1	2.0	0.0
20°	10.1	6.1	2.0	0.0
17.5°	10.1	6.1	2.0	0.0
15°	10.1	6.1	2.0	0.0
12.5°	10.1	6.1	2.0	0.0
10°	10.1	6.1	2.0	0.0
7.5°	10.1	6.1	2.0	0.0
5°	10.1	6.1	2.0	0.0
2.5°	10.1	6.1	2.0	0.0
0°	10.1	6.1	2.0	0.0
-2.5°	10.1	6.1	2.0	0.0
-5°	10.1	6.1	2.0	0.0
-7.5°	10.1	6.1	2.0	0.0
-10°	10.1	6.1	2.0	0.0
-12.5°	12.1	6.1	2.0	0.0
-15°	12.1	6.1	2.0	0.0
-17.5°	12.1	6.1	2.0	0.0
-20°	12.1	6.1	2.0	0.0



REPORT NUMBER: P722600

CATALOG NUMBER: IFLD-S-SA2D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.1	6.1	2.0	0.0
-25°	12.1	6.1	2.0	0.0
-27.5°	12.1	6.1	2.0	0.0
-30°	12.1	6.1	2.0	0.0
-32.5°	12.1	6.1	2.0	0.0
-35°	12.1	6.1	2.0	0.0
-37.5°	12.1	6.1	2.0	0.0
-40°	12.1	6.1	2.0	0.0
-42.5°	10.1	6.1	2.0	0.0
-45°	12.1	6.1	2.0	0.0
-47.5°	12.1	6.1	2.0	0.0
-50°	12.1	6.1	2.0	0.0
-52.5°	12.1	6.1	2.0	0.0
-55°	12.1	6.1	2.0	0.0
-57.5°	12.1	6.1	2.0	0.0
-60°	12.1	6.1	2.0	0.0
-62.5°	10.1	6.1	2.0	0.0
-65°	10.1	4.0	2.0	0.0
-67.5°	10.1	4.0	2.0	0.0
-70°	10.1	4.0	2.0	0.0
-72.5°	8.1	4.0	2.0	0.0
-75°	8.1	4.0	2.0	0.0
-77.5°	6.1	2.0	0.0	0.0
-80°	6.1	2.0	0.0	0.0
-82.5°	4.0	2.0	0.0	0.0
-85°	2.0	2.0	0.0	0.0
-87.5°	2.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)