

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: P722584

Luminaire Tested: **IFLD-M-SA4B-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722584
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17167.5 lumens	Max Intensity:	11984.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.4 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:	10952.1 lumens	Field Lumens:	16185.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

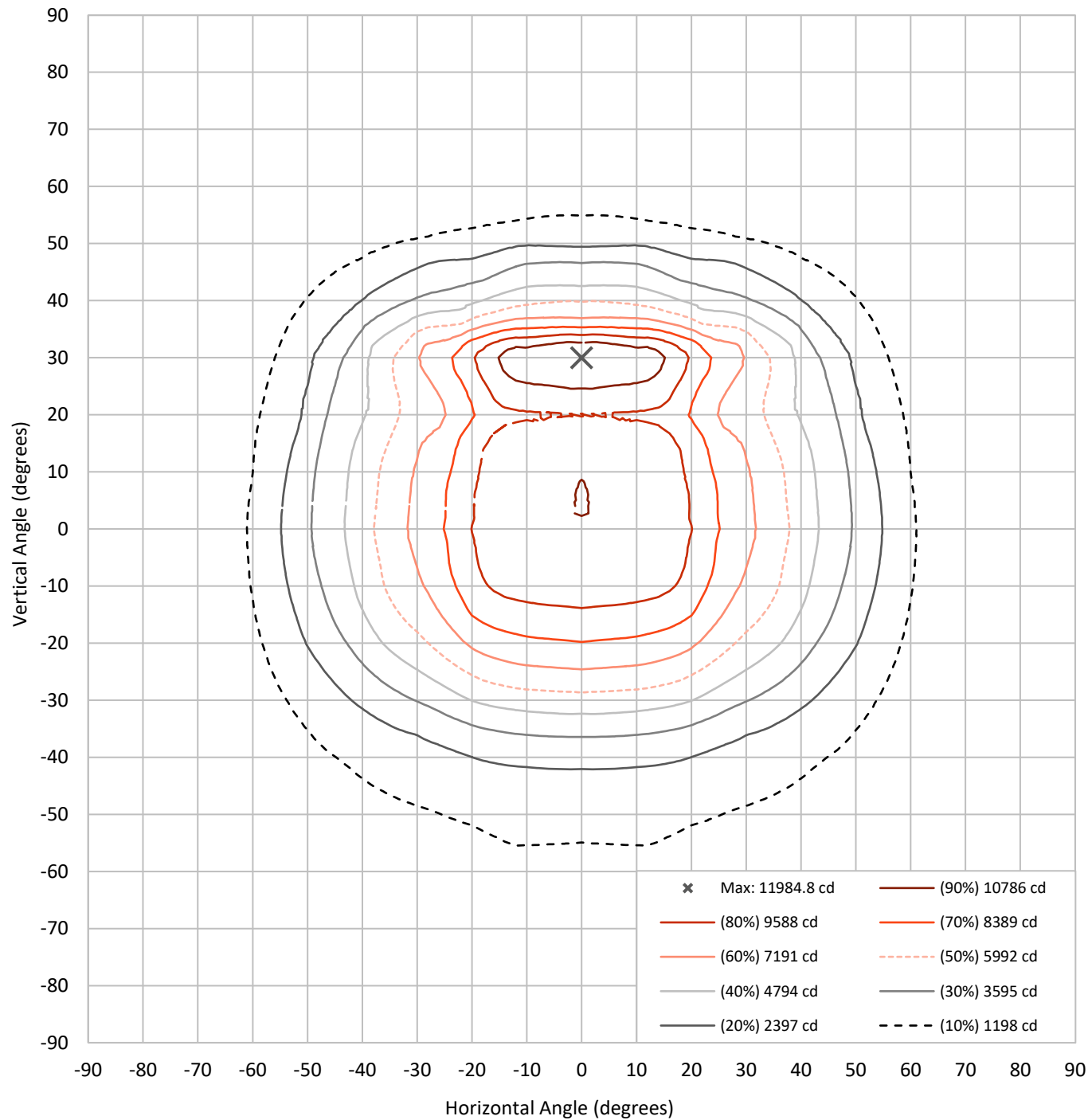
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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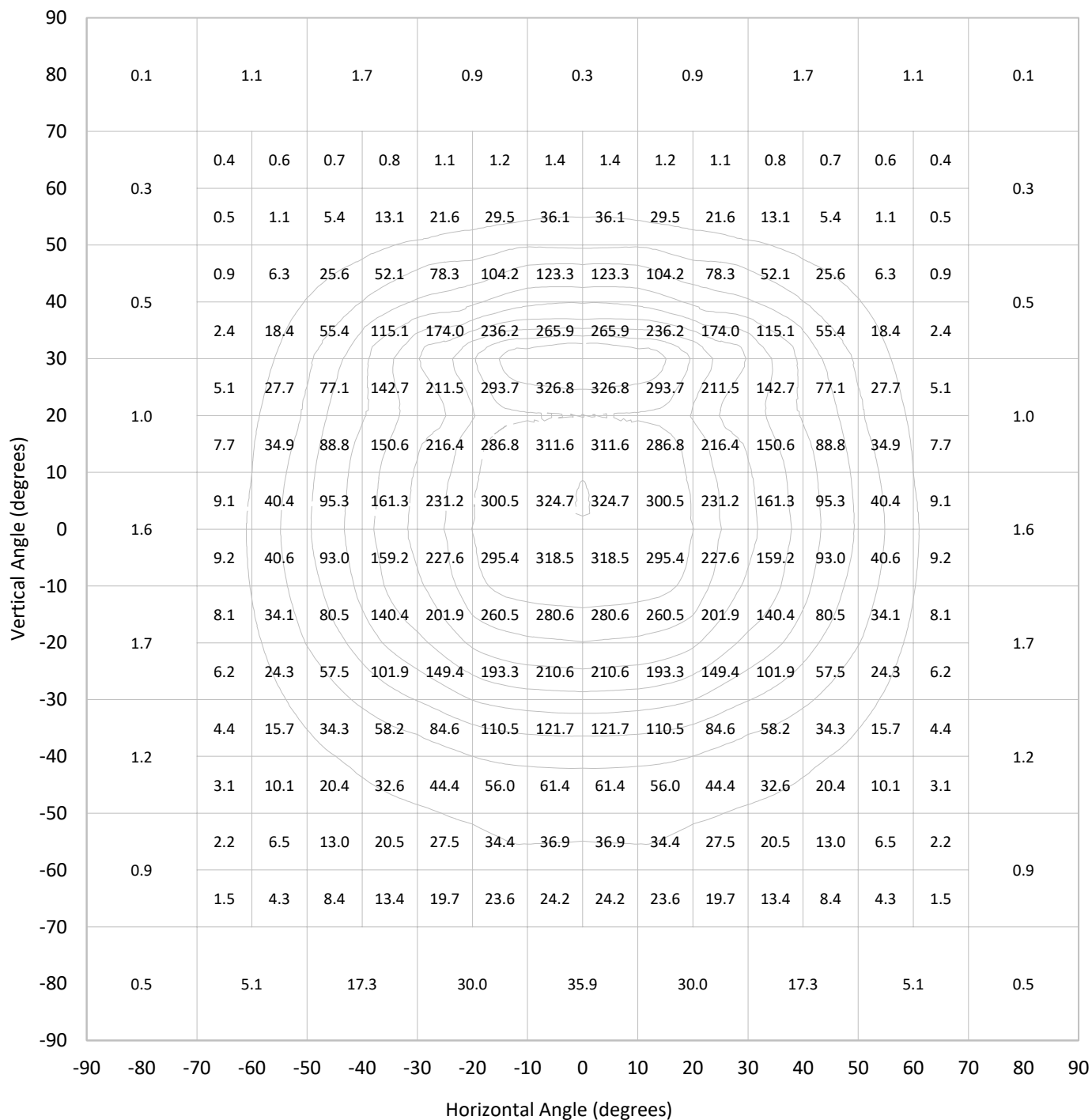
Iso-Candela Plot



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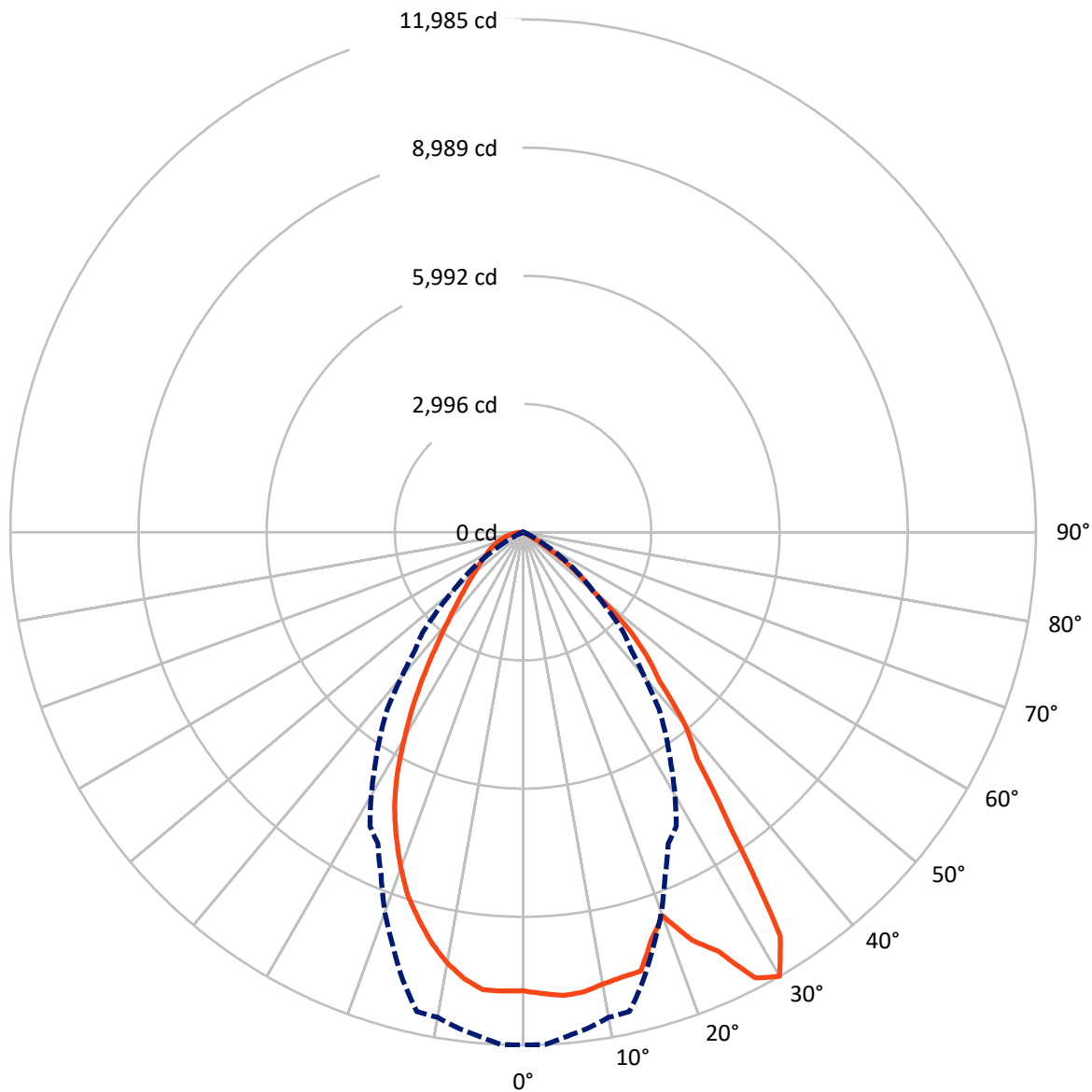
Lumen Table



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Luminous Intensity Polar Plot



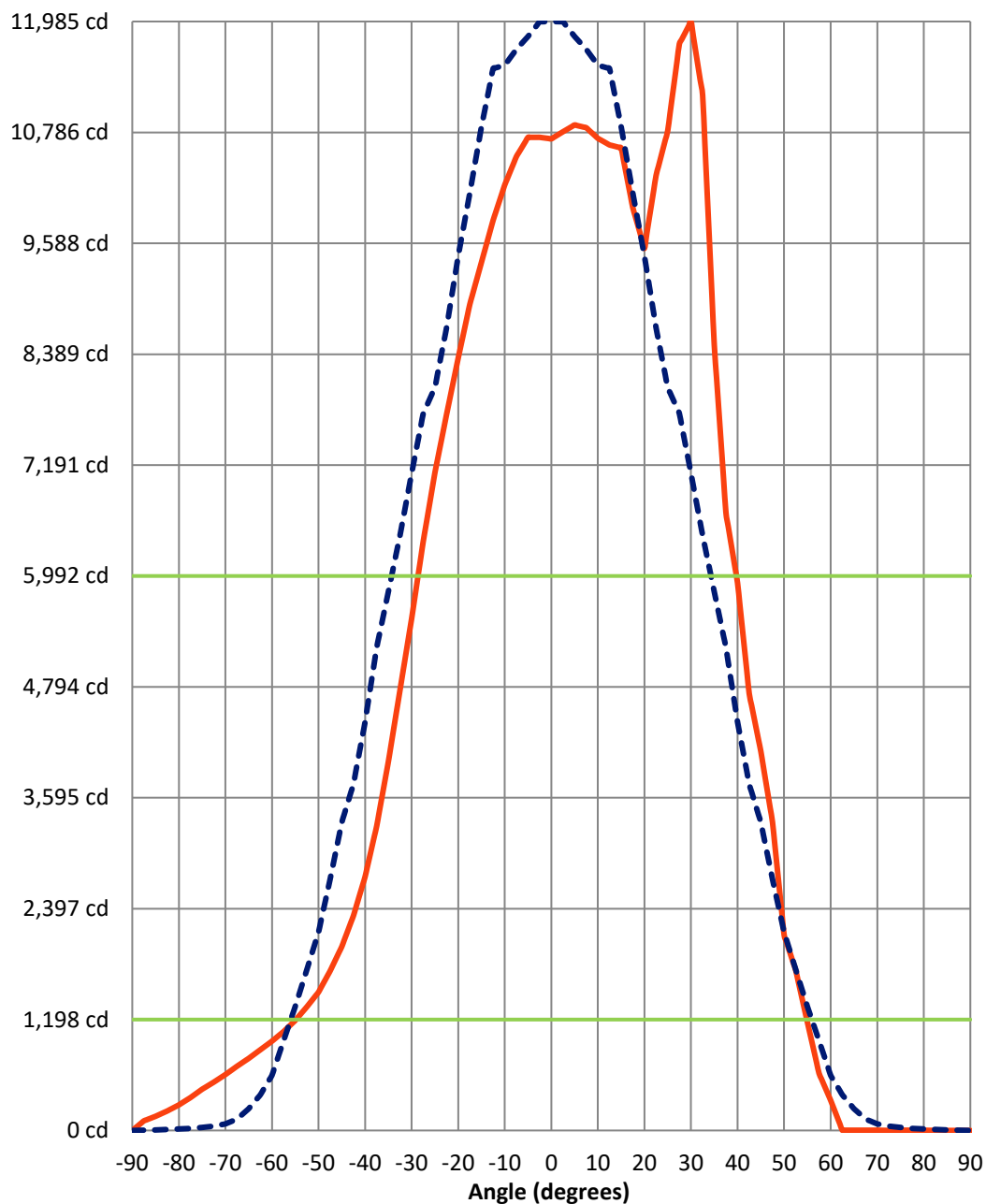
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10952.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16185.1

Efficiency: 94.3%

Spill:

Lumens: 982.4

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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	8.2
82.5°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	10.9
80°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	10.9	10.9
77.5°	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	10.9	10.9	13.7
75°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	10.9	10.9	13.7
72.5°	0.0	2.7	2.7	5.5	5.5	8.2	8.2	8.2	10.9	10.9	10.9
70°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	10.9	10.9	10.9
67.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	10.9	10.9	10.9	13.7
65°	2.7	2.7	2.7	5.5	8.2	8.2	10.9	13.7	13.7	16.4	19.1
62.5°	2.7	5.5	5.5	8.2	10.9	13.7	30.1	46.5	46.5	32.8	27.3
60°	325.2	352.6	349.8	317.0	276.0	232.3	224.1	215.9	199.5	174.9	183.1
57.5°	617.7	650.5	664.2	656.0	634.1	595.8	574.0	549.4	516.6	478.3	434.6
55°	1169.8	1183.5	1153.4	1096.0	1033.1	970.3	948.4	915.6	866.4	817.2	751.6
52.5°	1730.1	1776.5	1762.9	1705.5	1620.8	1508.7	1385.7	1290.0	1232.6	1178.0	1112.4
50°	2112.7	2131.9	2170.1	2238.4	2263.0	2186.5	1987.0	1730.1	1547.0	1639.9	1568.8
47.5°	3334.4	3430.1	3411.0	3361.8	3279.8	3072.1	2793.3	2563.7	2372.4	2309.5	2320.4
45°	4097.0	4135.2	4121.6	4099.7	4061.5	3867.4	3558.6	3206.0	3028.3	2957.3	2883.5
42.5°	4722.9	4763.9	4772.1	4774.8	4733.8	4556.2	4277.4	3924.8	3747.1	3542.2	3380.9
40°	5917.3	5977.4	5909.1	5818.9	5682.2	5480.0	5206.6	4881.4	4567.1	4315.6	4124.3
37.5°	6679.8	6753.6	6780.9	6775.5	6745.4	6657.9	6321.8	6012.9	5531.9	4968.9	5070.0
35°	8489.1	8565.7	8543.8	8461.8	8418.1	8325.2	7997.2	7630.9	7026.9	6414.7	6250.7
32.5°	11186.8	11353.5	11041.9	10700.3	10489.8	10563.6	10230.2	9333.7	9054.9	7950.7	7439.6
30°	11984.8	11982.1	11823.6	11684.2	11512.0	11476.5	10847.9	10131.8	9448.5	8675.0	8030.0
27.5°	11741.6	11692.4	11558.5	11457.3	11296.1	11211.4	10596.4	10027.9	9238.0	8546.5	7923.4
25°	10804.1	10842.4	10705.7	10686.6	10623.7	10459.7	10153.6	9514.1	8808.9	8043.6	7595.4
22.5°	10320.4	10306.7	10142.7	10047.0	10123.6	9948.6	9825.7	9180.6	8445.4	7800.4	7262.0
20°	9533.2	9535.9	9494.9	9486.7	9440.3	9361.0	9262.6	8806.2	8286.9	7734.8	7087.0
17.5°	9973.2	10085.3	10134.5	9727.3	9842.1	9751.9	9648.0	9011.2	8620.3	8131.1	7286.6
15°	10618.3	10577.3	10528.1	10506.2	10443.3	10358.6	10170.0	9661.7	8989.3	8483.7	7825.0
12.5°	10651.1	10571.8	10552.7	10549.9	10484.3	10366.8	10183.7	9762.8	9167.0	8552.0	8016.3
10°	10722.1	10640.1	10629.2	10642.9	10541.7	10467.9	10284.8	9894.0	9221.6	8669.5	8163.9
7.5°	10836.9	10700.3	10763.1	10722.1	10675.7	10558.1	10361.4	9978.7	9421.2	8825.3	8295.1
5°	10867.0	10716.7	10785.0	10746.7	10678.4	10563.6	10350.4	10033.4	9544.1	8888.2	8347.0
2.5°	10793.2	10749.5	10719.4	10648.3	10618.3	10492.5	10290.3	9951.4	9486.7	8860.9	8336.1
0°	10716.7	10754.9	10686.6	10615.5	10601.9	10500.7	10328.6	10022.4	9620.7	8937.4	8429.0
-2.5°	10733.1	10703.0	10656.5	10582.7	10511.7	10366.8	10211.0	9924.0	9492.2	8770.7	8297.8
-5°	10733.1	10593.7	10599.1	10601.9	10530.8	10380.5	10191.9	9948.6	9415.7	8767.9	8259.6
-7.5°	10525.3	10405.1	10386.0	10369.6	10350.4	10211.0	10063.4	9760.1	9287.2	8696.9	8153.0
-10°	10219.2	10101.7	10112.6	10088.0	10027.9	9935.0	9822.9	9549.6	9161.5	8472.7	7937.1
-12.5°	9836.6	9784.7	9754.6	9713.6	9653.5	9571.5	9456.7	9199.8	8784.3	8196.7	7688.3
-15°	9382.9	9344.6	9317.3	9292.7	9205.2	9120.5	8970.2	8732.4	8472.7	7841.4	7322.1
-17.5°	8929.2	8833.5	8795.3	8762.5	8705.1	8568.4	8431.8	8254.1	7890.6	7390.4	6944.9
-20°	8347.0	8289.6	8243.2	8199.4	8117.4	8010.8	7898.8	7693.8	7379.5	6975.0	6513.1

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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°	7737.5	7704.7	7666.5	7611.8	7557.1	7456.0	7300.2	7103.4	6857.5	6420.2	5988.3
-25°	7108.9	7046.0	6999.6	6947.7	6903.9	6811.0	6660.7	6472.1	6163.2	5786.1	5425.3
-27.5°	6368.2	6308.1	6283.5	6223.4	6185.1	6100.4	5950.1	5775.1	5496.4	5179.3	4813.1
-30°	5531.9	5542.8	5515.5	5458.1	5411.6	5302.3	5187.5	5039.9	4821.3	4517.9	4189.9
-32.5°	4758.4	4772.1	4739.3	4679.1	4619.0	4539.8	4433.2	4299.2	4135.2	3845.5	3561.3
-35°	3984.9	3979.5	3952.1	3916.6	3875.6	3810.0	3689.7	3588.6	3400.0	3197.8	3001.0
-37.5°	3290.7	3304.4	3296.2	3277.0	3230.6	3175.9	3077.5	2984.6	2845.2	2667.5	2514.5
-40°	2741.3	2757.7	2746.8	2727.7	2686.7	2653.9	2588.3	2506.3	2394.2	2241.2	2112.7
-42.5°	2320.4	2331.4	2317.7	2301.3	2265.8	2241.2	2189.2	2120.9	2028.0	1910.5	1795.7
-45°	1987.0	1989.7	1976.1	1965.1	1937.8	1907.7	1864.0	1809.3	1735.5	1653.6	1560.6
-47.5°	1724.6	1721.9	1708.2	1697.3	1675.4	1648.1	1612.6	1563.4	1506.0	1443.1	1369.3
-50°	1495.0	1508.7	1503.2	1492.3	1475.9	1456.8	1421.2	1369.3	1311.9	1265.4	1213.5
-52.5°	1336.5	1339.2	1336.5	1336.5	1333.8	1320.1	1279.1	1227.2	1164.3	1123.3	1079.6
-55°	1188.9	1202.6	1208.1	1213.5	1216.2	1216.2	1167.1	1112.4	1052.3	1011.3	978.5
-57.5°	1068.7	1076.9	1082.3	1096.0	1106.9	1115.1	1071.4	1022.2	975.7	937.5	907.4
-60°	964.8	975.7	983.9	997.6	1005.8	1011.3	983.9	951.1	923.8	899.2	855.5
-62.5°	871.9	880.1	888.3	896.5	904.7	910.1	899.2	882.8	869.1	858.2	803.5
-65°	778.9	787.1	795.3	806.3	814.5	819.9	817.2	806.3	795.3	784.4	735.2
-67.5°	694.2	702.4	713.4	716.1	721.6	724.3	718.8	710.6	697.0	683.3	645.0
-70°	604.0	609.5	615.0	615.0	615.0	612.2	606.8	595.8	582.2	563.0	533.0
-72.5°	522.0	527.5	533.0	524.8	519.3	511.1	502.9	489.2	475.6	461.9	445.5
-75°	445.5	448.2	448.2	437.3	429.1	420.9	410.0	401.8	388.1	377.2	363.5
-77.5°	355.3	355.3	355.3	347.1	341.6	336.2	328.0	319.8	308.8	300.6	289.7
-80°	276.0	276.0	276.0	273.3	265.1	259.6	254.2	248.7	240.5	235.1	229.6
-82.5°	210.5	210.5	210.5	207.7	202.3	199.5	194.1	188.6	185.9	180.4	177.7
-85°	153.1	155.8	155.8	153.1	150.3	144.9	142.1	139.4	136.7	133.9	128.5
-87.5°	103.9	103.9	103.9	101.1	98.4	98.4	95.7	90.2	84.7	82.0	79.3
-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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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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.2	8.2	8.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	8.2
82.5°	13.7	13.7	16.4	16.4	19.1	19.1	19.1	19.1	19.1	19.1	19.1
80°	13.7	16.4	19.1	21.9	24.6	27.3	27.3	27.3	27.3	24.6	24.6
77.5°	16.4	16.4	19.1	21.9	24.6	27.3	30.1	32.8	30.1	30.1	30.1
75°	16.4	19.1	19.1	21.9	24.6	27.3	30.1	32.8	32.8	32.8	32.8
72.5°	13.7	16.4	19.1	21.9	21.9	24.6	27.3	27.3	30.1	30.1	32.8
70°	13.7	16.4	19.1	19.1	21.9	21.9	24.6	27.3	27.3	30.1	30.1
67.5°	16.4	19.1	19.1	21.9	24.6	24.6	24.6	27.3	27.3	30.1	30.1
65°	19.1	21.9	21.9	24.6	27.3	27.3	30.1	30.1	30.1	32.8	32.8
62.5°	32.8	32.8	32.8	30.1	32.8	32.8	32.8	35.5	35.5	32.8	35.5
60°	169.5	123.0	84.7	106.6	95.7	43.7	43.7	43.7	41.0	41.0	38.3
57.5°	399.0	371.7	319.8	270.6	243.2	215.9	133.9	54.7	54.7	49.2	43.7
55°	666.9	576.7	538.4	472.8	401.8	369.0	306.1	207.7	98.4	65.6	57.4
52.5°	1033.1	948.4	850.0	716.1	620.4	543.9	492.0	390.8	262.4	139.4	87.5
50°	1383.0	1344.7	1284.6	1153.4	953.9	825.4	740.7	625.9	470.1	287.0	164.0
47.5°	2227.5	1907.7	1713.7	1612.6	1445.8	1202.6	1038.6	910.1	721.6	483.8	289.7
45°	2804.2	2602.0	2293.1	2079.9	1833.9	1577.0	1363.8	1216.2	992.1	724.3	453.7
42.5°	3298.9	3124.0	2845.2	2533.6	2274.0	1937.8	1664.5	1470.4	1281.8	989.4	677.8
40°	3935.7	3728.0	3460.2	3156.8	2853.4	2424.3	1981.5	1746.5	1538.8	1279.1	915.6
37.5°	4985.3	4619.0	4181.7	3845.5	3449.2	3085.7	2479.0	2063.5	1817.5	1547.0	1194.4
35°	6248.0	5846.2	5116.4	4670.9	4140.7	3599.6	3052.9	2438.0	2088.1	1801.1	1451.3
32.5°	7423.2	6835.6	5900.9	5378.8	5026.3	4028.7	3462.9	2929.9	2366.9	2014.3	1598.9
30°	7748.5	7100.7	6431.1	5821.6	5220.3	4414.0	3744.4	3329.0	2716.7	2142.8	1738.3
27.5°	7420.5	6975.0	6455.7	5889.9	5239.4	4548.0	3916.6	3520.3	2973.7	2230.2	1847.6
25°	7087.0	6622.4	6258.9	5786.1	5184.8	4539.8	3922.1	3640.5	3173.2	2399.7	1907.7
22.5°	6734.5	6444.8	6144.1	5616.6	5048.1	4564.4	4099.7	3744.4	3277.0	2591.0	1932.3
20°	6753.6	6565.0	6234.3	5529.2	5023.5	4709.2	4312.9	3875.6	3389.1	2757.7	1951.5
17.5°	7059.7	6813.7	6398.3	5786.1	5244.9	4856.8	4490.6	4056.0	3503.9	2905.3	2183.8
15°	7436.9	7062.4	6627.9	6089.4	5477.2	5018.1	4627.2	4181.7	3635.1	3042.0	2391.5
12.5°	7710.2	7177.2	6770.0	6283.5	5728.7	5193.0	4717.4	4277.4	3758.1	3154.0	2547.3
10°	7803.1	7319.4	6838.3	6403.8	5857.1	5285.9	4785.7	4337.5	3864.7	3241.5	2662.1
7.5°	7852.3	7442.4	6884.8	6458.4	5933.7	5343.3	4840.4	4370.3	3949.4	3301.6	2735.9
5°	7846.9	7507.9	6920.3	6474.8	5974.7	5367.9	4878.7	4378.5	4009.5	3353.6	2779.6
2.5°	7822.3	7551.7	6977.7	6502.2	6056.6	5414.4	4952.5	4394.9	4031.4	3411.0	2809.7
0°	7912.5	7554.4	7037.8	6510.4	6111.3	5430.8	4985.3	4381.2	4001.3	3427.4	2806.9
-2.5°	7718.4	7393.2	7024.2	6439.3	6037.5	5392.5	4925.1	4337.5	3935.7	3408.2	2796.0
-5°	7685.6	7275.6	6909.4	6373.7	5914.5	5313.2	4813.1	4255.5	3831.9	3345.4	2752.3
-7.5°	7598.1	7163.6	6797.3	6321.8	5799.7	5231.2	4706.5	4170.8	3719.8	3247.0	2689.4
-10°	7406.8	6991.4	6677.1	6209.7	5660.3	5113.7	4578.0	4058.7	3588.6	3113.1	2591.0
-12.5°	7133.5	6718.1	6406.5	5971.9	5485.4	4955.2	4425.0	3913.9	3438.3	2970.9	2473.5
-15°	6824.7	6403.8	6092.2	5695.9	5225.8	4709.2	4230.9	3730.7	3266.1	2820.6	2334.1
-17.5°	6474.8	6075.8	5775.1	5389.8	4922.4	4430.4	3954.9	3501.2	3066.6	2664.8	2172.9
-20°	6070.3	5682.2	5406.2	5020.8	4591.7	4113.4	3651.5	3222.4	2831.5	2454.4	1995.2

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CATALOG NUMBER: IFLD-M-SA4B-827-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°	5570.1	5228.5	4914.2	4569.8	4195.4	3758.1	3329.0	2949.1	2574.6	2205.6	1812.1
-25°	5059.1	4728.3	4422.2	4107.9	3749.9	3372.7	3006.5	2662.1	2295.8	1962.4	1634.4
-27.5°	4490.6	4195.4	3922.1	3632.3	3304.4	2979.1	2678.5	2342.3	2025.3	1741.0	1459.5
-30°	3883.8	3643.3	3405.5	3148.6	2883.5	2610.2	2342.3	2025.3	1776.5	1549.7	1311.9
-32.5°	3301.6	3085.7	2894.4	2703.1	2473.5	2249.4	2011.6	1776.5	1568.8	1369.3	1169.8
-35°	2790.5	2561.0	2454.4	2301.3	2118.2	1915.9	1721.9	1557.9	1391.2	1210.8	1033.1
-37.5°	2347.8	2200.2	2074.5	1959.7	1814.8	1639.9	1500.5	1366.6	1227.2	1063.2	910.1
-40°	2000.7	1894.1	1768.3	1683.6	1566.1	1440.4	1301.0	1188.9	1071.4	937.5	811.7
-42.5°	1721.9	1634.4	1552.4	1462.2	1374.8	1268.2	1147.9	1041.3	934.7	836.3	732.5
-45°	1492.3	1429.4	1363.8	1290.0	1213.5	1120.6	1022.2	912.9	836.3	748.9	661.4
-47.5°	1303.7	1257.2	1202.6	1145.2	1079.6	997.6	907.4	828.1	748.9	675.1	590.4
-50°	1153.4	1109.7	1065.9	1016.7	959.3	888.3	819.9	746.1	672.4	601.3	522.0
-52.5°	1027.7	989.4	953.9	912.9	858.2	798.1	735.2	669.6	601.3	530.2	467.4
-55°	940.2	896.5	860.9	819.9	770.7	713.4	656.0	595.8	530.2	475.6	423.6
-57.5°	869.1	819.9	778.9	735.2	686.0	636.8	584.9	530.2	481.0	429.1	379.9
-60°	809.0	751.6	705.2	661.4	615.0	568.5	524.8	478.3	431.8	385.4	336.2
-62.5°	746.1	686.0	628.6	587.6	552.1	511.1	472.8	429.1	388.1	341.6	306.1
-65°	675.1	617.7	563.0	527.5	494.7	459.2	423.6	385.4	349.8	314.3	281.5
-67.5°	595.8	546.6	508.4	475.6	442.8	412.7	379.9	347.1	317.0	281.5	248.7
-70°	500.2	472.8	451.0	426.4	396.3	369.0	338.9	308.8	276.0	246.0	215.9
-72.5°	426.4	410.0	393.6	369.0	341.6	317.0	292.4	265.1	237.8	210.5	185.9
-75°	349.8	336.2	322.5	306.1	284.2	265.1	243.2	218.7	196.8	177.7	158.5
-77.5°	281.5	270.6	262.4	248.7	232.3	215.9	202.3	185.9	169.5	150.3	131.2
-80°	224.1	218.7	215.9	210.5	196.8	183.1	172.2	158.5	142.1	128.5	114.8
-82.5°	174.9	174.9	172.2	169.5	158.5	147.6	139.4	128.5	117.5	106.6	92.9
-85°	128.5	125.7	125.7	123.0	114.8	109.3	101.1	95.7	87.5	76.5	71.1
-87.5°	76.5	73.8	71.1	68.3	62.9	60.1	54.7	51.9	46.5	41.0	38.3
-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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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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.2	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7
82.5°	16.4	16.4	13.7	13.7	10.9	8.2	5.5	5.5	5.5	2.7	2.7
80°	24.6	24.6	24.6	21.9	19.1	13.7	10.9	8.2	5.5	2.7	2.7
77.5°	30.1	27.3	27.3	24.6	24.6	21.9	16.4	13.7	8.2	5.5	2.7
75°	30.1	30.1	30.1	27.3	27.3	24.6	21.9	16.4	13.7	8.2	5.5
72.5°	32.8	30.1	30.1	30.1	27.3	24.6	21.9	19.1	16.4	10.9	5.5
70°	30.1	30.1	30.1	30.1	27.3	27.3	21.9	19.1	19.1	10.9	8.2
67.5°	30.1	30.1	30.1	27.3	27.3	24.6	21.9	19.1	19.1	13.7	8.2
65°	32.8	30.1	30.1	30.1	27.3	24.6	21.9	19.1	19.1	16.4	10.9
62.5°	35.5	32.8	32.8	30.1	27.3	24.6	21.9	19.1	19.1	16.4	10.9
60°	38.3	35.5	32.8	32.8	30.1	27.3	21.9	21.9	19.1	16.4	10.9
57.5°	41.0	38.3	38.3	35.5	32.8	30.1	24.6	21.9	19.1	16.4	13.7
55°	49.2	43.7	41.0	41.0	38.3	32.8	27.3	21.9	19.1	16.4	13.7
52.5°	65.6	51.9	46.5	46.5	43.7	38.3	30.1	24.6	19.1	16.4	13.7
50°	103.9	65.6	54.7	49.2	49.2	43.7	35.5	27.3	19.1	16.4	13.7
47.5°	164.0	109.3	65.6	57.4	54.7	51.9	41.0	27.3	21.9	16.4	13.7
45°	270.6	161.3	106.6	68.3	57.4	54.7	46.5	30.1	21.9	19.1	13.7
42.5°	371.7	251.4	164.0	82.0	68.3	60.1	49.2	32.8	24.6	19.1	13.7
40°	584.9	344.4	229.6	133.9	79.3	62.9	54.7	38.3	24.6	19.1	13.7
37.5°	792.6	456.4	308.8	196.8	90.2	71.1	57.4	41.0	27.3	19.1	16.4
35°	1000.3	639.6	382.6	262.4	120.3	84.7	60.1	43.7	27.3	19.1	16.4
32.5°	1186.2	811.7	459.2	328.0	180.4	101.1	65.6	46.5	30.1	21.9	16.4
30°	1339.2	970.3	595.8	385.4	235.1	123.0	71.1	46.5	32.8	21.9	16.4
27.5°	1454.0	1093.3	735.2	445.5	281.5	144.9	82.0	51.9	32.8	21.9	16.4
25°	1547.0	1188.9	858.2	508.4	322.5	180.4	98.4	54.7	35.5	24.6	16.4
22.5°	1620.8	1268.2	959.3	593.1	371.7	215.9	120.3	60.1	35.5	24.6	16.4
20°	1721.9	1347.4	1027.7	683.3	423.6	248.7	139.4	65.6	35.5	24.6	19.1
17.5°	1809.3	1426.7	1082.3	759.8	475.6	273.3	161.3	71.1	38.3	24.6	19.1
15°	1910.5	1503.2	1131.5	819.9	524.8	295.2	180.4	76.5	38.3	27.3	19.1
12.5°	2019.8	1574.3	1167.1	869.1	576.7	314.3	196.8	87.5	41.0	27.3	19.1
10°	2131.9	1634.4	1197.1	904.7	615.0	333.4	207.7	98.4	43.7	27.3	19.1
7.5°	2243.9	1689.1	1235.4	921.1	631.4	355.3	213.2	109.3	43.7	30.1	19.1
5°	2320.4	1724.6	1290.0	932.0	639.6	379.9	221.4	123.0	46.5	30.1	19.1
2.5°	2386.0	1746.5	1347.4	940.2	642.3	393.6	218.7	131.2	49.2	30.1	19.1
0°	2416.1	1746.5	1385.7	934.7	634.1	407.2	218.7	139.4	49.2	30.1	19.1
-2.5°	2369.6	1795.7	1374.8	937.5	636.8	407.2	229.6	142.1	54.7	32.8	19.1
-5°	2295.8	1814.8	1342.0	923.8	631.4	407.2	243.2	144.9	57.4	32.8	21.9
-7.5°	2224.8	1823.0	1303.7	910.1	623.2	396.3	246.0	142.1	62.9	35.5	21.9
-10°	2131.9	1732.8	1254.5	885.5	606.8	388.1	251.4	142.1	65.6	35.5	21.9
-12.5°	2025.3	1623.5	1194.4	850.0	587.6	379.9	254.2	142.1	68.3	38.3	21.9
-15°	1902.3	1511.4	1126.1	811.7	560.3	369.0	248.7	139.4	71.1	38.3	24.6
-17.5°	1762.9	1402.1	1055.0	765.3	530.2	355.3	237.8	136.7	71.1	38.3	24.6
-20°	1604.4	1292.8	975.7	718.8	494.7	338.9	226.9	131.2	71.1	38.3	24.6

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1462.2	1191.7	893.7	666.9	456.4	319.8	213.2	125.7	71.1	41.0	24.6
-25°	1344.7	1093.3	830.9	615.0	415.4	297.9	199.5	120.3	71.1	41.0	24.6
-27.5°	1221.7	986.7	765.3	565.8	388.1	278.8	185.9	114.8	68.3	41.0	24.6
-30°	1096.0	882.8	697.0	511.1	360.8	259.6	174.9	106.6	68.3	41.0	24.6
-32.5°	981.2	798.1	634.1	456.4	330.7	240.5	164.0	103.9	65.6	41.0	24.6
-35°	869.1	721.6	568.5	412.7	297.9	221.4	153.1	101.1	65.6	41.0	24.6
-37.5°	776.2	650.5	508.4	382.6	278.8	205.0	142.1	95.7	62.9	41.0	24.6
-40°	699.7	584.9	451.0	349.8	262.4	188.6	131.2	92.9	62.9	41.0	24.6
-42.5°	628.6	522.0	415.4	322.5	246.0	177.7	123.0	90.2	60.1	41.0	24.6
-45°	565.8	467.4	379.9	297.9	226.9	164.0	117.5	84.7	57.4	41.0	27.3
-47.5°	502.9	429.1	347.1	276.0	207.7	147.6	112.1	82.0	54.7	38.3	27.3
-50°	453.7	388.1	319.8	251.4	188.6	142.1	106.6	76.5	54.7	38.3	27.3
-52.5°	410.0	349.8	289.7	226.9	172.2	133.9	101.1	71.1	51.9	38.3	27.3
-55°	369.0	314.3	259.6	202.3	161.3	125.7	92.9	65.6	51.9	38.3	27.3
-57.5°	328.0	281.5	229.6	183.1	147.6	117.5	87.5	65.6	51.9	38.3	27.3
-60°	295.2	251.4	207.7	169.5	136.7	106.6	79.3	62.9	49.2	38.3	27.3
-62.5°	267.8	226.9	188.6	153.1	125.7	95.7	76.5	62.9	49.2	38.3	24.6
-65°	240.5	205.0	169.5	139.4	112.1	90.2	73.8	60.1	49.2	38.3	24.6
-67.5°	213.2	180.4	153.1	123.0	103.9	87.5	71.1	60.1	46.5	35.5	24.6
-70°	185.9	158.5	133.9	114.8	98.4	82.0	68.3	57.4	46.5	32.8	21.9
-72.5°	164.0	139.4	120.3	106.6	92.9	79.3	65.6	54.7	43.7	30.1	19.1
-75°	139.4	123.0	109.3	95.7	84.7	73.8	62.9	49.2	38.3	27.3	19.1
-77.5°	117.5	106.6	95.7	87.5	76.5	65.6	54.7	43.7	35.5	24.6	16.4
-80°	101.1	92.9	84.7	76.5	68.3	57.4	49.2	38.3	30.1	21.9	13.7
-82.5°	82.0	76.5	68.3	62.9	57.4	49.2	41.0	32.8	21.9	16.4	10.9
-85°	62.9	57.4	54.7	49.2	43.7	35.5	27.3	21.9	16.4	10.9	5.5
-87.5°	32.8	30.1	27.3	24.6	21.9	16.4	13.7	10.9	8.2	5.5	2.7
-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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CATALOG NUMBER: IFLD-M-SA4B-827-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°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.5	2.7	0.0	0.0
65°	5.5	2.7	0.0	0.0
62.5°	5.5	2.7	0.0	0.0
60°	5.5	2.7	0.0	0.0
57.5°	8.2	2.7	2.7	0.0
55°	8.2	2.7	2.7	0.0
52.5°	8.2	2.7	2.7	0.0
50°	8.2	5.5	2.7	0.0
47.5°	8.2	5.5	2.7	0.0
45°	8.2	5.5	2.7	0.0
42.5°	8.2	5.5	2.7	0.0
40°	10.9	5.5	2.7	0.0
37.5°	10.9	5.5	2.7	0.0
35°	10.9	5.5	2.7	0.0
32.5°	10.9	5.5	2.7	0.0
30°	10.9	5.5	2.7	0.0
27.5°	10.9	8.2	2.7	0.0
25°	10.9	8.2	2.7	0.0
22.5°	13.7	8.2	2.7	0.0
20°	13.7	8.2	2.7	0.0
17.5°	13.7	8.2	2.7	0.0
15°	13.7	8.2	2.7	0.0
12.5°	13.7	8.2	2.7	0.0
10°	13.7	8.2	2.7	0.0
7.5°	13.7	8.2	2.7	0.0
5°	13.7	8.2	2.7	0.0
2.5°	13.7	8.2	2.7	0.0
0°	13.7	8.2	2.7	0.0
-2.5°	13.7	8.2	2.7	0.0
-5°	13.7	8.2	2.7	0.0
-7.5°	13.7	8.2	2.7	0.0
-10°	13.7	8.2	2.7	0.0
-12.5°	16.4	8.2	2.7	0.0
-15°	16.4	8.2	2.7	0.0
-17.5°	16.4	8.2	2.7	0.0
-20°	16.4	8.2	2.7	0.0

REPORT NUMBER: P722584

CATALOG NUMBER: IFLD-M-SA4B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.4	8.2	2.7	0.0
-25°	16.4	8.2	2.7	0.0
-27.5°	16.4	8.2	2.7	0.0
-30°	16.4	8.2	2.7	0.0
-32.5°	16.4	8.2	2.7	0.0
-35°	16.4	8.2	2.7	0.0
-37.5°	16.4	8.2	2.7	0.0
-40°	16.4	8.2	2.7	0.0
-42.5°	13.7	8.2	2.7	0.0
-45°	16.4	8.2	2.7	0.0
-47.5°	16.4	8.2	2.7	0.0
-50°	16.4	8.2	2.7	0.0
-52.5°	16.4	8.2	2.7	0.0
-55°	16.4	8.2	2.7	0.0
-57.5°	16.4	8.2	2.7	0.0
-60°	16.4	8.2	2.7	0.0
-62.5°	13.7	8.2	2.7	0.0
-65°	13.7	5.5	2.7	0.0
-67.5°	13.7	5.5	2.7	0.0
-70°	13.7	5.5	2.7	0.0
-72.5°	10.9	5.5	2.7	0.0
-75°	10.9	5.5	2.7	0.0
-77.5°	8.2	2.7	0.0	0.0
-80°	8.2	2.7	0.0	0.0
-82.5°	5.5	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)