

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: P722615

Luminaire Tested: **IFLD-M-SA4D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722615
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25418.2 lumens	Max Intensity:	17744.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	101.8 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:	16215.7 lumens	Field Lumens:	23963.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

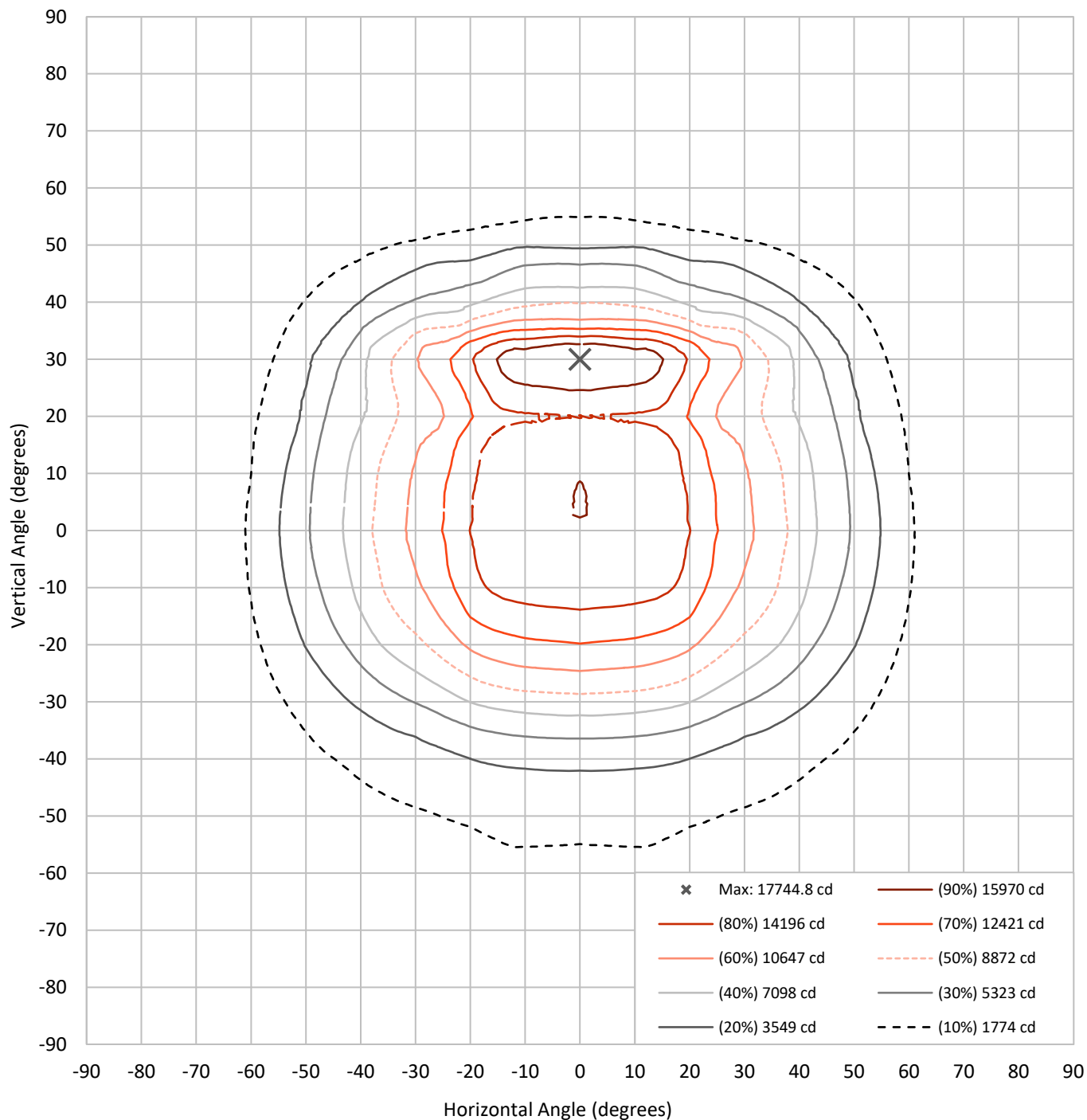
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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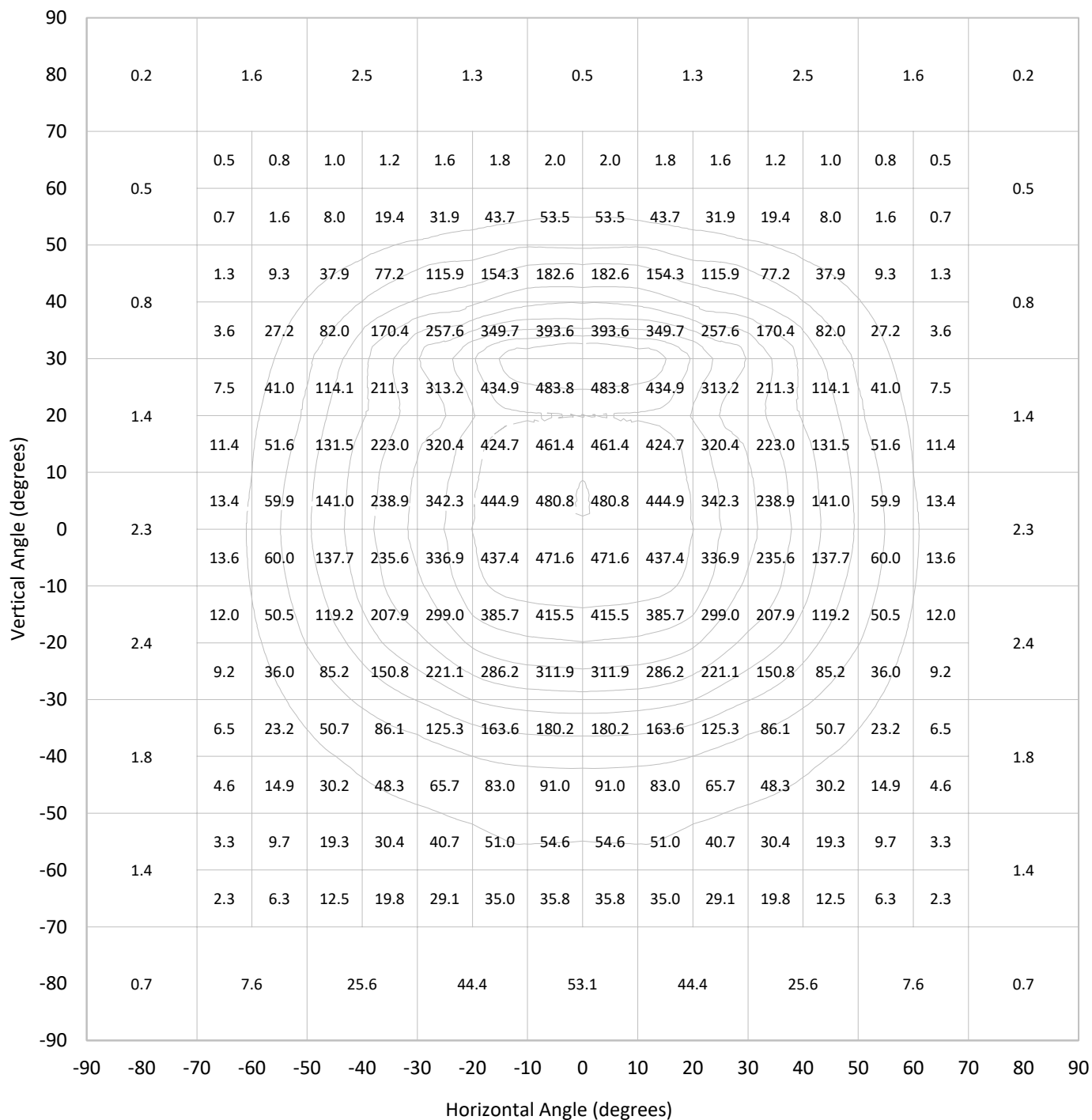
Iso-Candela Plot



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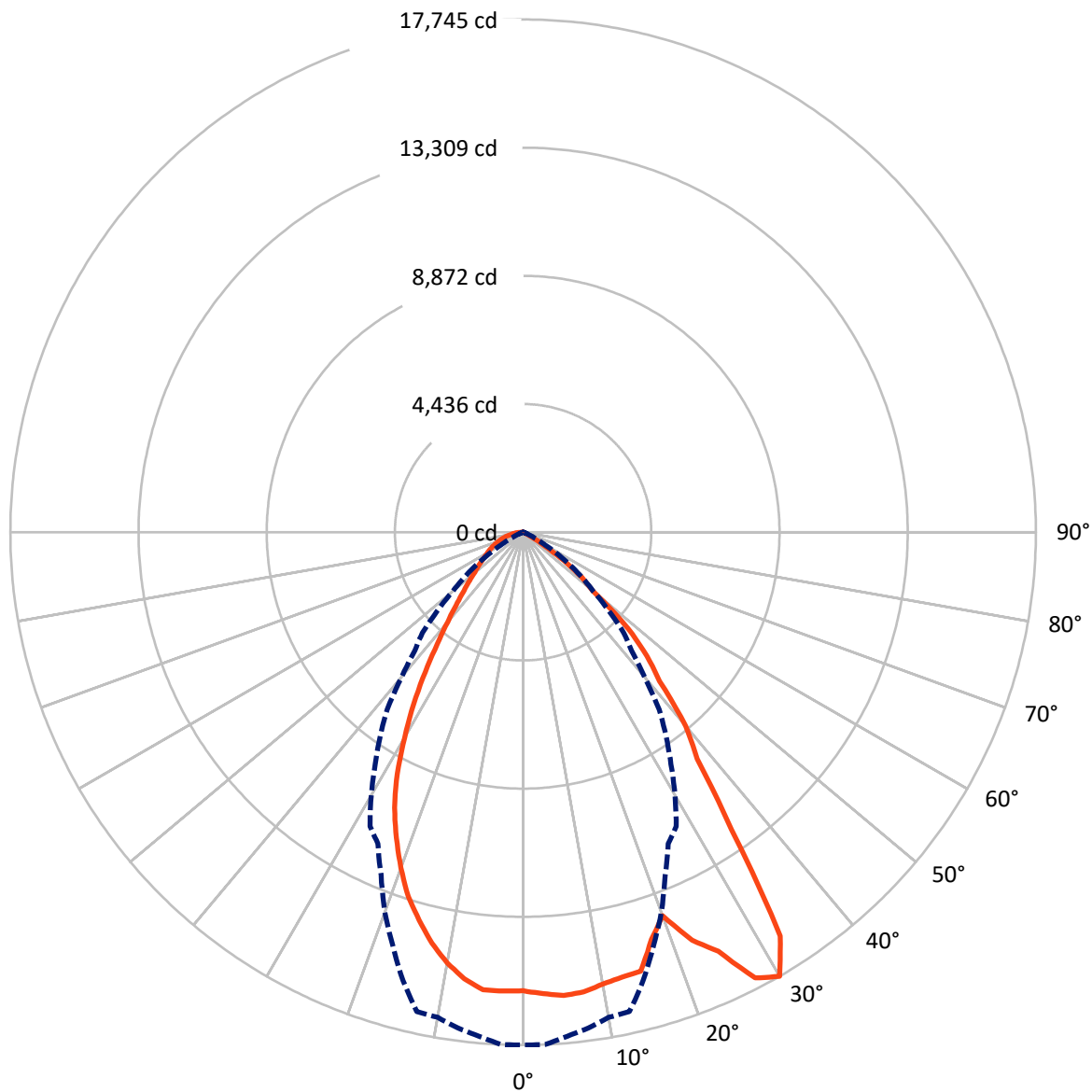
Lumen Table



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Luminous Intensity Polar Plot



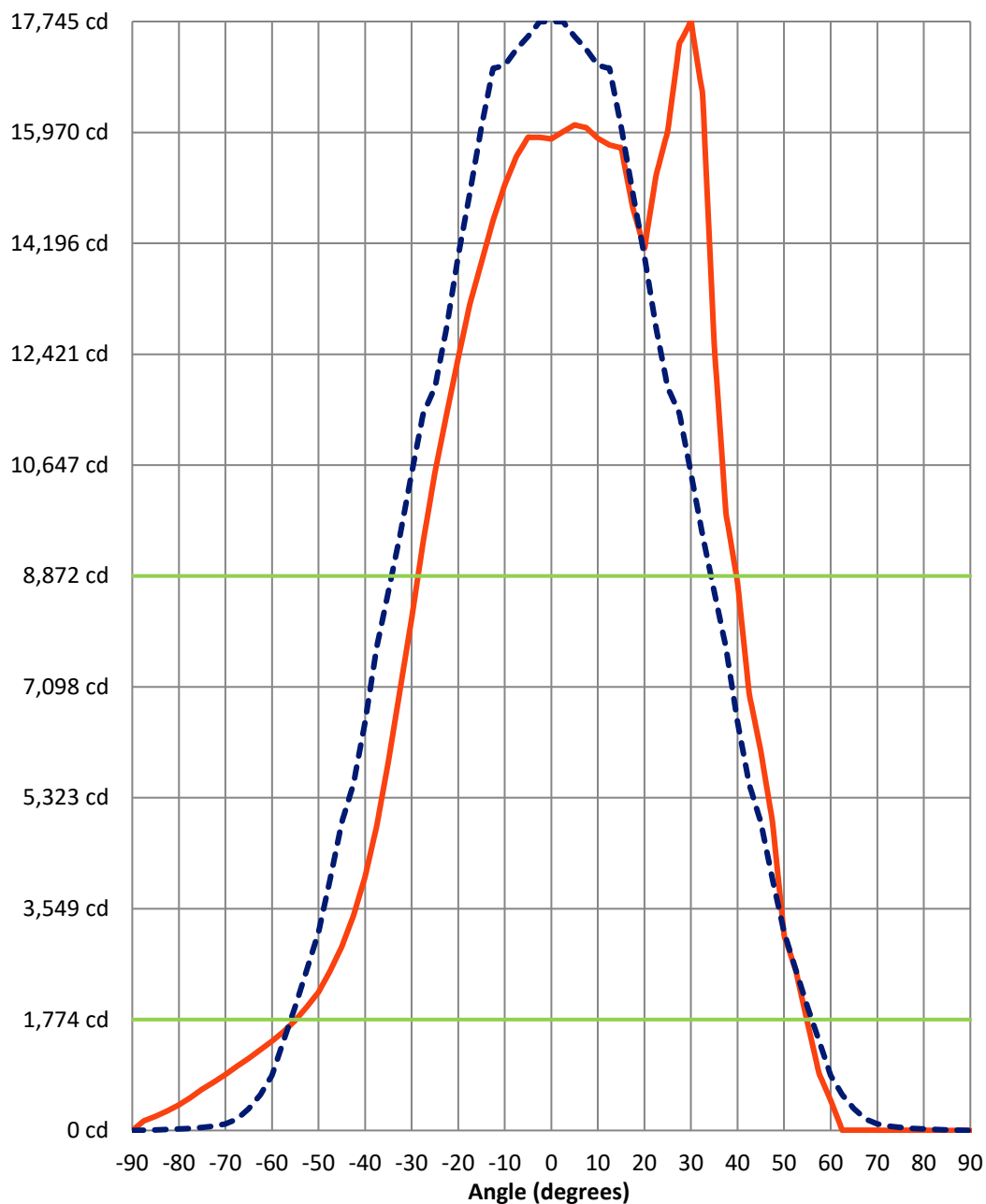
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16215.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23963.7

Efficiency: 94.3%

Spill:

Lumens: 1454.5

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	8.1	8.1	12.1
82.5°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	12.1	12.1	16.2
80°	4.0	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.2	16.2
77.5°	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.2	16.2	20.2
75°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	20.2
72.5°	0.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	16.2
70°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	16.2
67.5°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.2	16.2	16.2	20.2
65°	4.0	4.0	4.0	8.1	12.1	12.1	16.2	20.2	20.2	24.3	28.3
62.5°	4.0	8.1	8.1	12.1	16.2	20.2	44.5	68.8	68.8	48.6	40.5
60°	481.6	522.0	518.0	469.4	408.7	344.0	331.8	319.7	295.4	259.0	271.1
57.5°	914.6	963.1	983.3	971.2	938.8	882.2	849.8	813.4	764.8	708.2	643.4
55°	1732.0	1752.2	1707.7	1622.7	1529.7	1436.6	1404.2	1355.6	1282.8	1210.0	1112.8
52.5°	2561.6	2630.4	2610.1	2525.1	2399.7	2233.8	2051.7	1910.0	1825.1	1744.1	1647.0
50°	3128.1	3156.4	3213.1	3314.2	3350.7	3237.4	2941.9	2561.6	2290.4	2428.0	2322.8
47.5°	4937.0	5078.6	5050.3	4977.4	4856.0	4548.5	4135.7	3795.8	3512.5	3419.5	3435.6
45°	6066.0	6122.7	6102.4	6070.0	6013.4	5726.1	5268.8	4746.8	4483.7	4378.5	4269.3
42.5°	6992.7	7053.4	7065.5	7069.6	7008.9	6745.8	6333.1	5811.1	5548.0	5244.5	5005.8
40°	8761.1	8850.1	8749.0	8615.4	8413.1	8113.6	7709.0	7227.4	6762.0	6389.7	6106.5
37.5°	9890.1	9999.4	10039.9	10031.8	9987.2	9857.8	9360.0	8902.7	8190.5	7356.9	7506.6
35°	12569.0	12682.3	12650.0	12528.6	12463.8	12326.2	11840.6	11298.4	10404.1	9497.6	9254.8
32.5°	16563.1	16810.0	16348.7	15842.8	15531.2	15640.5	15146.8	13819.5	13406.7	11771.8	11015.1
30°	17744.8	17740.7	17506.0	17299.6	17044.7	16992.1	16061.3	15001.1	13989.4	12844.2	11889.2
27.5°	17384.6	17311.8	17113.5	16963.7	16725.0	16599.5	15689.0	14847.3	13677.8	12654.0	11731.4
25°	15996.6	16053.2	15850.9	15822.6	15729.5	15486.7	15033.5	14086.5	13042.5	11909.4	11245.8
22.5°	15280.3	15260.1	15017.3	14875.7	14989.0	14730.0	14547.9	13592.9	12504.3	11549.3	10752.1
20°	14114.9	14118.9	14058.2	14046.1	13977.3	13859.9	13714.3	13038.5	12269.6	11452.1	10493.1
17.5°	14766.4	14932.3	15005.1	14402.2	14572.2	14438.6	14284.8	13342.0	12763.3	12038.9	10788.5
15°	15721.4	15660.7	15587.9	15555.5	15462.4	15337.0	15057.8	14305.1	13309.6	12560.9	11585.7
12.5°	15770.0	15652.6	15624.3	15620.2	15523.1	15349.1	15078.0	14454.8	13572.6	12662.1	11869.0
10°	15875.2	15753.8	15737.6	15757.8	15608.1	15498.8	15227.7	14649.0	13653.6	12836.1	12087.5
7.5°	16045.1	15842.8	15935.9	15875.2	15806.4	15632.4	15341.0	14774.5	13949.0	13066.8	12281.7
5°	16089.7	15867.1	15968.3	15911.6	15810.4	15640.5	15324.8	14855.4	14131.1	13159.9	12358.6
2.5°	15980.4	15915.7	15871.1	15765.9	15721.4	15535.3	15235.8	14734.0	14046.1	13119.4	12342.4
0°	15867.1	15923.7	15822.6	15717.4	15697.1	15547.4	15292.5	14839.2	14244.4	13232.7	12480.0
-2.5°	15891.4	15846.9	15778.1	15668.8	15563.6	15349.1	15118.5	14693.6	14054.2	12985.8	12285.8
-5°	15891.4	15685.0	15693.1	15697.1	15591.9	15369.4	15090.1	14730.0	13940.9	12981.8	12229.1
-7.5°	15583.8	15405.8	15377.4	15353.2	15324.8	15118.5	14899.9	14450.8	13750.7	12876.6	12071.3
-10°	15130.6	14956.6	14972.8	14936.4	14847.3	14709.7	14543.8	14139.2	13564.5	12544.8	11751.6
-12.5°	14564.1	14487.2	14442.7	14382.0	14292.9	14171.5	14001.6	13621.2	13006.1	12136.0	11383.4
-15°	13892.3	13835.7	13795.2	13758.8	13629.3	13503.8	13281.3	12929.2	12544.8	11610.0	10841.1
-17.5°	13220.6	13078.9	13022.3	12973.7	12888.7	12686.4	12484.1	12221.0	11682.8	10942.3	10282.7
-20°	12358.6	12273.6	12204.8	12140.1	12018.7	11860.9	11695.0	11391.4	10926.1	10327.2	9643.3

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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°	11456.2	11407.6	11351.0	11270.0	11189.1	11039.4	10808.7	10517.4	10153.2	9505.7	8866.3
-25°	10525.5	10432.4	10363.6	10286.7	10222.0	10084.4	9861.8	9582.6	9125.3	8566.9	8032.7
-27.5°	9428.8	9339.8	9303.4	9214.3	9157.7	9032.2	8809.7	8550.7	8137.9	7668.5	7126.2
-30°	8190.5	8206.7	8166.2	8081.3	8012.5	7850.6	7680.6	7462.1	7138.4	6689.2	6203.6
-32.5°	7045.3	7065.5	7017.0	6927.9	6838.9	6721.6	6563.7	6365.5	6122.7	5693.7	5272.8
-35°	5900.1	5892.0	5851.5	5798.9	5738.2	5641.1	5463.0	5313.3	5034.1	4734.6	4443.3
-37.5°	4872.2	4892.5	4880.3	4852.0	4783.2	4702.3	4556.6	4419.0	4212.6	3949.6	3723.0
-40°	4058.8	4083.1	4066.9	4038.6	3977.9	3929.3	3832.2	3710.8	3544.9	3318.3	3128.1
-42.5°	3435.6	3451.8	3431.6	3407.3	3354.7	3318.3	3241.4	3140.2	3002.6	2828.6	2658.7
-45°	2941.9	2946.0	2925.8	2909.6	2869.1	2824.6	2759.8	2678.9	2569.7	2448.3	2310.7
-47.5°	2553.5	2549.4	2529.2	2513.0	2480.6	2440.2	2387.6	2314.7	2229.7	2136.7	2027.4
-50°	2213.5	2233.8	2225.7	2209.5	2185.2	2156.9	2104.3	2027.4	1942.4	1873.6	1796.7
-52.5°	1978.8	1982.9	1978.8	1978.8	1974.8	1954.6	1893.9	1817.0	1723.9	1663.2	1598.4
-55°	1760.3	1780.5	1788.6	1796.7	1800.8	1800.8	1727.9	1647.0	1558.0	1497.3	1448.7
-57.5°	1582.3	1594.4	1602.5	1622.7	1638.9	1651.1	1586.3	1513.5	1444.7	1388.0	1343.5
-60°	1428.5	1444.7	1456.8	1477.0	1489.2	1497.3	1456.8	1408.3	1367.8	1331.4	1266.6
-62.5°	1290.9	1303.0	1315.2	1327.3	1339.5	1347.5	1331.4	1307.1	1286.8	1270.7	1189.7
-65°	1153.3	1165.4	1177.6	1193.8	1205.9	1214.0	1210.0	1193.8	1177.6	1161.4	1088.6
-67.5°	1027.9	1040.0	1056.2	1060.2	1068.3	1072.4	1064.3	1052.1	1031.9	1011.7	955.0
-70°	894.3	902.4	910.5	910.5	910.5	906.5	898.4	882.2	861.9	833.6	789.1
-72.5°	772.9	781.0	789.1	777.0	768.9	756.7	744.6	724.4	704.1	683.9	659.6
-75°	659.6	663.7	663.7	647.5	635.3	623.2	607.0	594.9	574.6	558.4	538.2
-77.5°	526.1	526.1	526.1	513.9	505.8	497.7	485.6	473.5	457.3	445.1	428.9
-80°	408.7	408.7	408.7	404.7	392.5	384.4	376.3	368.2	356.1	348.0	339.9
-82.5°	311.6	311.6	311.6	307.5	299.5	295.4	287.3	279.2	275.2	267.1	263.0
-85°	226.6	230.7	230.7	226.6	222.6	214.5	210.4	206.4	202.3	198.3	190.2
-87.5°	153.8	153.8	153.8	149.7	145.7	145.7	141.6	133.5	125.4	121.4	117.4
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	12.1	12.1	12.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	12.1
82.5°	20.2	20.2	24.3	24.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
80°	20.2	24.3	28.3	32.4	36.4	40.5	40.5	40.5	40.5	36.4	36.4
77.5°	24.3	24.3	28.3	32.4	36.4	40.5	44.5	48.6	44.5	44.5	44.5
75°	24.3	28.3	28.3	32.4	36.4	40.5	44.5	48.6	48.6	48.6	48.6
72.5°	20.2	24.3	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5	48.6
70°	20.2	24.3	28.3	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5
67.5°	24.3	28.3	28.3	32.4	36.4	36.4	36.4	40.5	40.5	44.5	44.5
65°	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5	44.5	48.6	48.6
62.5°	48.6	48.6	48.6	44.5	48.6	48.6	48.6	52.6	52.6	48.6	52.6
60°	250.9	182.1	125.4	157.8	141.6	64.7	64.7	64.7	60.7	60.7	56.7
57.5°	590.8	550.4	473.5	400.6	360.2	319.7	198.3	80.9	80.9	72.8	64.7
55°	987.4	853.9	797.2	700.1	594.9	546.3	453.2	307.5	145.7	97.1	85.0
52.5°	1529.7	1404.2	1258.5	1060.2	918.6	805.3	728.4	578.7	388.5	206.4	129.5
50°	2047.6	1991.0	1901.9	1707.7	1412.3	1222.1	1096.7	926.7	696.0	424.9	242.8
47.5°	3298.1	2824.6	2537.3	2387.6	2140.7	1780.5	1537.7	1347.5	1068.3	716.3	428.9
45°	4151.9	3852.5	3395.2	3079.5	2715.3	2334.9	2019.3	1800.8	1469.0	1072.4	671.8
42.5°	4884.4	4625.4	4212.6	3751.3	3366.9	2869.1	2464.4	2177.1	1897.9	1464.9	1003.6
40°	5827.2	5519.7	5123.1	4673.9	4224.8	3589.4	2933.9	2585.8	2278.3	1893.9	1355.6
37.5°	7381.2	6838.9	6191.4	5693.7	5106.9	4568.7	3670.4	3055.3	2691.1	2290.4	1768.4
35°	9250.7	8655.9	7575.4	6915.8	6130.7	5329.5	4520.2	3609.7	3091.7	2666.8	2148.8
32.5°	10990.8	10120.8	8736.8	7963.9	7441.9	5964.8	5127.2	4338.1	3504.4	2982.4	2367.3
30°	11472.4	10513.3	9521.9	8619.5	7729.2	6535.4	5544.0	4928.9	4022.4	3172.6	2573.7
27.5°	10986.8	10327.2	9558.3	8720.6	7757.5	6733.7	5798.9	5212.1	4402.8	3302.1	2735.6
25°	10493.1	9805.1	9266.9	8566.9	7676.6	6721.6	5807.0	5390.2	4698.2	3553.0	2824.6
22.5°	9971.1	9542.1	9097.0	8316.0	7474.2	6758.0	6070.0	5544.0	4852.0	3836.3	2861.0
20°	9999.4	9720.2	9230.5	8186.5	7437.8	6972.5	6385.7	5738.2	5017.9	4083.1	2889.3
17.5°	10452.6	10088.4	9473.3	8566.9	7765.6	7191.0	6648.7	6005.3	5187.9	4301.6	3233.3
15°	11011.1	10456.7	9813.2	9016.0	8109.6	7429.7	6851.1	6191.4	5382.1	4504.0	3540.9
12.5°	11415.7	10626.6	10023.7	9303.4	8481.9	7688.7	6984.6	6333.1	5564.2	4669.9	3771.5
10°	11553.3	10837.1	10124.8	9481.4	8672.1	7826.3	7085.8	6422.1	5722.0	4799.4	3941.5
7.5°	11626.2	11019.2	10193.6	9562.3	8785.4	7911.3	7166.7	6470.7	5847.5	4888.4	4050.7
5°	11618.1	11116.3	10246.2	9586.6	8846.1	7947.7	7223.4	6482.8	5936.5	4965.3	4115.5
2.5°	11581.6	11181.0	10331.2	9627.1	8967.5	8016.5	7332.6	6507.1	5968.9	5050.3	4160.0
0°	11715.2	11185.1	10420.2	9639.2	9048.4	8040.8	7381.2	6486.9	5924.4	5074.6	4156.0
-2.5°	11427.9	10946.3	10400.0	9534.0	8939.2	7984.1	7292.1	6422.1	5827.2	5046.2	4139.8
-5°	11379.3	10772.3	10230.0	9436.9	8757.0	7866.8	7126.2	6300.7	5673.5	4953.2	4075.0
-7.5°	11249.8	10606.4	10064.1	9360.0	8587.1	7745.4	6968.4	6175.3	5507.6	4807.5	3981.9
-10°	10966.5	10351.4	9886.1	9194.1	8380.7	7571.4	6778.2	6009.3	5313.3	4609.2	3836.3
-12.5°	10561.9	9946.8	9485.5	8842.0	8121.7	7336.7	6551.6	5794.9	5090.7	4398.8	3662.3
-15°	10104.6	9481.4	9020.1	8433.3	7737.3	6972.5	6264.3	5523.7	4835.8	4176.2	3455.9
-17.5°	9586.6	8995.8	8550.7	7980.1	7288.1	6559.7	5855.6	5183.8	4540.4	3945.5	3217.1
-20°	8987.7	8413.1	8004.4	7433.8	6798.4	6090.3	5406.4	4771.1	4192.4	3633.9	2954.1

REPORT NUMBER: P722615

CATALOG NUMBER: IFLD-M-SA4D-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°	8247.2	7741.3	7276.0	6766.1	6211.7	5564.2	4928.9	4366.4	3812.0	3265.7	2683.0
-25°	7490.4	7000.8	6547.6	6082.2	5552.1	4993.6	4451.4	3941.5	3399.2	2905.5	2419.9
-27.5°	6648.7	6211.7	5807.0	5378.1	4892.5	4410.9	3965.8	3468.0	2998.6	2577.7	2160.9
-30°	5750.4	5394.2	5042.2	4661.8	4269.3	3864.6	3468.0	2998.6	2630.4	2294.5	1942.4
-32.5°	4888.4	4568.7	4285.5	4002.2	3662.3	3330.4	2978.4	2630.4	2322.8	2027.4	1732.0
-35°	4131.7	3791.8	3633.9	3407.3	3136.2	2836.7	2549.4	2306.6	2059.8	1792.7	1529.7
-37.5°	3476.1	3257.6	3071.4	2901.5	2687.0	2428.0	2221.6	2023.3	1817.0	1574.2	1347.5
-40°	2962.2	2804.4	2618.2	2492.8	2318.8	2132.6	1926.2	1760.3	1586.3	1388.0	1201.9
-42.5°	2549.4	2419.9	2298.5	2165.0	2035.5	1877.7	1699.6	1541.8	1384.0	1238.3	1084.5
-45°	2209.5	2116.4	2019.3	1910.0	1796.7	1659.1	1513.5	1351.6	1238.3	1108.8	979.3
-47.5°	1930.3	1861.5	1780.5	1695.6	1598.4	1477.0	1343.5	1226.1	1108.8	999.5	874.1
-50°	1707.7	1643.0	1578.2	1505.4	1420.4	1315.2	1214.0	1104.7	995.5	890.3	772.9
-52.5°	1521.6	1464.9	1412.3	1351.6	1270.7	1181.6	1088.6	991.4	890.3	785.1	692.0
-55°	1392.1	1327.3	1274.7	1214.0	1141.2	1056.2	971.2	882.2	785.1	704.1	627.2
-57.5°	1286.8	1214.0	1153.3	1088.6	1015.7	942.9	866.0	785.1	712.2	635.3	562.5
-60°	1197.8	1112.8	1044.0	979.3	910.5	841.7	777.0	708.2	639.4	570.6	497.7
-62.5°	1104.7	1015.7	930.7	870.0	817.4	756.7	700.1	635.3	574.6	505.8	453.2
-65°	999.5	914.6	833.6	781.0	732.5	679.8	627.2	570.6	518.0	465.4	416.8
-67.5°	882.2	809.3	752.7	704.1	655.6	611.1	562.5	513.9	469.4	416.8	368.2
-70°	740.5	700.1	667.7	631.3	586.8	546.3	501.8	457.3	408.7	364.2	319.7
-72.5°	631.3	607.0	582.7	546.3	505.8	469.4	433.0	392.5	352.1	311.6	275.2
-75°	518.0	497.7	477.5	453.2	420.9	392.5	360.2	323.7	291.4	263.0	234.7
-77.5°	416.8	400.6	388.5	368.2	344.0	319.7	299.5	275.2	250.9	222.6	194.2
-80°	331.8	323.7	319.7	311.6	291.4	271.1	254.9	234.7	210.4	190.2	170.0
-82.5°	259.0	259.0	254.9	250.9	234.7	218.5	206.4	190.2	174.0	157.8	137.6
-85°	190.2	186.1	186.1	182.1	170.0	161.9	149.7	141.6	129.5	113.3	105.2
-87.5°	113.3	109.3	105.2	101.2	93.1	89.0	80.9	76.9	68.8	60.7	56.7
-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-SA4D-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	12.1	8.1	8.1	8.1	8.1	8.1	4.0	4.0	4.0	4.0	4.0
82.5°	24.3	24.3	20.2	20.2	16.2	12.1	8.1	8.1	8.1	4.0	4.0
80°	36.4	36.4	36.4	32.4	28.3	20.2	16.2	12.1	8.1	4.0	4.0
77.5°	44.5	40.5	40.5	36.4	36.4	32.4	24.3	20.2	12.1	8.1	4.0
75°	44.5	44.5	44.5	40.5	40.5	36.4	32.4	24.3	20.2	12.1	8.1
72.5°	48.6	44.5	44.5	44.5	40.5	36.4	32.4	28.3	24.3	16.2	8.1
70°	44.5	44.5	44.5	44.5	40.5	40.5	32.4	28.3	28.3	16.2	12.1
67.5°	44.5	44.5	44.5	40.5	40.5	36.4	32.4	28.3	28.3	20.2	12.1
65°	48.6	44.5	44.5	44.5	40.5	36.4	32.4	28.3	28.3	24.3	16.2
62.5°	52.6	48.6	48.6	44.5	40.5	36.4	32.4	28.3	28.3	24.3	16.2
60°	56.7	52.6	48.6	48.6	44.5	40.5	32.4	32.4	28.3	24.3	16.2
57.5°	60.7	56.7	56.7	52.6	48.6	44.5	36.4	32.4	28.3	24.3	20.2
55°	72.8	64.7	60.7	60.7	56.7	48.6	40.5	32.4	28.3	24.3	20.2
52.5°	97.1	76.9	68.8	68.8	64.7	56.7	44.5	36.4	28.3	24.3	20.2
50°	153.8	97.1	80.9	72.8	72.8	64.7	52.6	40.5	28.3	24.3	20.2
47.5°	242.8	161.9	97.1	85.0	80.9	76.9	60.7	40.5	32.4	24.3	20.2
45°	400.6	238.8	157.8	101.2	85.0	80.9	68.8	44.5	32.4	28.3	20.2
42.5°	550.4	372.3	242.8	121.4	101.2	89.0	72.8	48.6	36.4	28.3	20.2
40°	866.0	509.9	339.9	198.3	117.4	93.1	80.9	56.7	36.4	28.3	20.2
37.5°	1173.5	675.8	457.3	291.4	133.5	105.2	85.0	60.7	40.5	28.3	24.3
35°	1481.1	946.9	566.5	388.5	178.1	125.4	89.0	64.7	40.5	28.3	24.3
32.5°	1756.3	1201.9	679.8	485.6	267.1	149.7	97.1	68.8	44.5	32.4	24.3
30°	1982.9	1436.6	882.2	570.6	348.0	182.1	105.2	68.8	48.6	32.4	24.3
27.5°	2152.8	1618.7	1088.6	659.6	416.8	214.5	121.4	76.9	48.6	32.4	24.3
25°	2290.4	1760.3	1270.7	752.7	477.5	267.1	145.7	80.9	52.6	36.4	24.3
22.5°	2399.7	1877.7	1420.4	878.1	550.4	319.7	178.1	89.0	52.6	36.4	24.3
20°	2549.4	1995.0	1521.6	1011.7	627.2	368.2	206.4	97.1	52.6	36.4	28.3
17.5°	2678.9	2112.4	1602.5	1125.0	704.1	404.7	238.8	105.2	56.7	36.4	28.3
15°	2828.6	2225.7	1675.3	1214.0	777.0	437.0	267.1	113.3	56.7	40.5	28.3
12.5°	2990.5	2330.9	1727.9	1286.8	853.9	465.4	291.4	129.5	60.7	40.5	28.3
10°	3156.4	2419.9	1772.5	1339.5	910.5	493.7	307.5	145.7	64.7	40.5	28.3
7.5°	3322.3	2500.9	1829.1	1363.7	934.8	526.1	315.6	161.9	64.7	44.5	28.3
5°	3435.6	2553.5	1910.0	1379.9	946.9	562.5	327.8	182.1	68.8	44.5	28.3
2.5°	3532.8	2585.8	1995.0	1392.1	951.0	582.7	323.7	194.2	72.8	44.5	28.3
0°	3577.3	2585.8	2051.7	1384.0	938.8	603.0	323.7	206.4	72.8	44.5	28.3
-2.5°	3508.5	2658.7	2035.5	1388.0	942.9	603.0	339.9	210.4	80.9	48.6	28.3
-5°	3399.2	2687.0	1986.9	1367.8	934.8	603.0	360.2	214.5	85.0	48.6	32.4
-7.5°	3294.0	2699.1	1930.3	1347.5	922.6	586.8	364.2	210.4	93.1	52.6	32.4
-10°	3156.4	2565.6	1857.4	1311.1	898.4	574.6	372.3	210.4	97.1	52.6	32.4
-12.5°	2998.6	2403.7	1768.4	1258.5	870.0	562.5	376.3	210.4	101.2	56.7	32.4
-15°	2816.5	2237.8	1667.2	1201.9	829.6	546.3	368.2	206.4	105.2	56.7	36.4
-17.5°	2610.1	2076.0	1562.0	1133.1	785.1	526.1	352.1	202.3	105.2	56.7	36.4
-20°	2375.4	1914.1	1444.7	1064.3	732.5	501.8	335.9	194.2	105.2	56.7	36.4

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CATALOG NUMBER: IFLD-M-SA4D-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°	2165.0	1764.4	1323.3	987.4	675.8	473.5	315.6	186.1	105.2	60.7	36.4
-25°	1991.0	1618.7	1230.2	910.5	615.1	441.1	295.4	178.1	105.2	60.7	36.4
-27.5°	1808.9	1460.9	1133.1	837.7	574.6	412.8	275.2	170.0	101.2	60.7	36.4
-30°	1622.7	1307.1	1031.9	756.7	534.2	384.4	259.0	157.8	101.2	60.7	36.4
-32.5°	1452.8	1181.6	938.8	675.8	489.7	356.1	242.8	153.8	97.1	60.7	36.4
-35°	1286.8	1068.3	841.7	611.1	441.1	327.8	226.6	149.7	97.1	60.7	36.4
-37.5°	1149.3	963.1	752.7	566.5	412.8	303.5	210.4	141.6	93.1	60.7	36.4
-40°	1036.0	866.0	667.7	518.0	388.5	279.2	194.2	137.6	93.1	60.7	36.4
-42.5°	930.7	772.9	615.1	477.5	364.2	263.0	182.1	133.5	89.0	60.7	36.4
-45°	837.7	692.0	562.5	441.1	335.9	242.8	174.0	125.4	85.0	60.7	40.5
-47.5°	744.6	635.3	513.9	408.7	307.5	218.5	165.9	121.4	80.9	56.7	40.5
-50°	671.8	574.6	473.5	372.3	279.2	210.4	157.8	113.3	80.9	56.7	40.5
-52.5°	607.0	518.0	428.9	335.9	254.9	198.3	149.7	105.2	76.9	56.7	40.5
-55°	546.3	465.4	384.4	299.5	238.8	186.1	137.6	97.1	76.9	56.7	40.5
-57.5°	485.6	416.8	339.9	271.1	218.5	174.0	129.5	97.1	76.9	56.7	40.5
-60°	437.0	372.3	307.5	250.9	202.3	157.8	117.4	93.1	72.8	56.7	40.5
-62.5°	396.6	335.9	279.2	226.6	186.1	141.6	113.3	93.1	72.8	56.7	36.4
-65°	356.1	303.5	250.9	206.4	165.9	133.5	109.3	89.0	72.8	56.7	36.4
-67.5°	315.6	267.1	226.6	182.1	153.8	129.5	105.2	89.0	68.8	52.6	36.4
-70°	275.2	234.7	198.3	170.0	145.7	121.4	101.2	85.0	68.8	48.6	32.4
-72.5°	242.8	206.4	178.1	157.8	137.6	117.4	97.1	80.9	64.7	44.5	28.3
-75°	206.4	182.1	161.9	141.6	125.4	109.3	93.1	72.8	56.7	40.5	28.3
-77.5°	174.0	157.8	141.6	129.5	113.3	97.1	80.9	64.7	52.6	36.4	24.3
-80°	149.7	137.6	125.4	113.3	101.2	85.0	72.8	56.7	44.5	32.4	20.2
-82.5°	121.4	113.3	101.2	93.1	85.0	72.8	60.7	48.6	32.4	24.3	16.2
-85°	93.1	85.0	80.9	72.8	64.7	52.6	40.5	32.4	24.3	16.2	8.1
-87.5°	48.6	44.5	40.5	36.4	32.4	24.3	20.2	16.2	12.1	8.1	4.0
-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-M-SA4D-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	8.1	4.0	0.0	0.0
65°	8.1	4.0	0.0	0.0
62.5°	8.1	4.0	0.0	0.0
60°	8.1	4.0	0.0	0.0
57.5°	12.1	4.0	4.0	0.0
55°	12.1	4.0	4.0	0.0
52.5°	12.1	4.0	4.0	0.0
50°	12.1	8.1	4.0	0.0
47.5°	12.1	8.1	4.0	0.0
45°	12.1	8.1	4.0	0.0
42.5°	12.1	8.1	4.0	0.0
40°	16.2	8.1	4.0	0.0
37.5°	16.2	8.1	4.0	0.0
35°	16.2	8.1	4.0	0.0
32.5°	16.2	8.1	4.0	0.0
30°	16.2	8.1	4.0	0.0
27.5°	16.2	12.1	4.0	0.0
25°	16.2	12.1	4.0	0.0
22.5°	20.2	12.1	4.0	0.0
20°	20.2	12.1	4.0	0.0
17.5°	20.2	12.1	4.0	0.0
15°	20.2	12.1	4.0	0.0
12.5°	20.2	12.1	4.0	0.0
10°	20.2	12.1	4.0	0.0
7.5°	20.2	12.1	4.0	0.0
5°	20.2	12.1	4.0	0.0
2.5°	20.2	12.1	4.0	0.0
0°	20.2	12.1	4.0	0.0
-2.5°	20.2	12.1	4.0	0.0
-5°	20.2	12.1	4.0	0.0
-7.5°	20.2	12.1	4.0	0.0
-10°	20.2	12.1	4.0	0.0
-12.5°	24.3	12.1	4.0	0.0
-15°	24.3	12.1	4.0	0.0
-17.5°	24.3	12.1	4.0	0.0
-20°	24.3	12.1	4.0	0.0

REPORT NUMBER: P722615

CATALOG NUMBER: IFLD-M-SA4D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.3	12.1	4.0	0.0
-25°	24.3	12.1	4.0	0.0
-27.5°	24.3	12.1	4.0	0.0
-30°	24.3	12.1	4.0	0.0
-32.5°	24.3	12.1	4.0	0.0
-35°	24.3	12.1	4.0	0.0
-37.5°	24.3	12.1	4.0	0.0
-40°	24.3	12.1	4.0	0.0
-42.5°	20.2	12.1	4.0	0.0
-45°	24.3	12.1	4.0	0.0
-47.5°	24.3	12.1	4.0	0.0
-50°	24.3	12.1	4.0	0.0
-52.5°	24.3	12.1	4.0	0.0
-55°	24.3	12.1	4.0	0.0
-57.5°	24.3	12.1	4.0	0.0
-60°	24.3	12.1	4.0	0.0
-62.5°	20.2	12.1	4.0	0.0
-65°	20.2	8.1	4.0	0.0
-67.5°	20.2	8.1	4.0	0.0
-70°	20.2	8.1	4.0	0.0
-72.5°	16.2	8.1	4.0	0.0
-75°	16.2	8.1	4.0	0.0
-77.5°	12.1	4.0	0.0	0.0
-80°	12.1	4.0	0.0	0.0
-82.5°	8.1	4.0	0.0	0.0
-85°	4.0	4.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)