

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: P722602

Luminaire Tested: **IFLD-S-SA3A-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722602
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

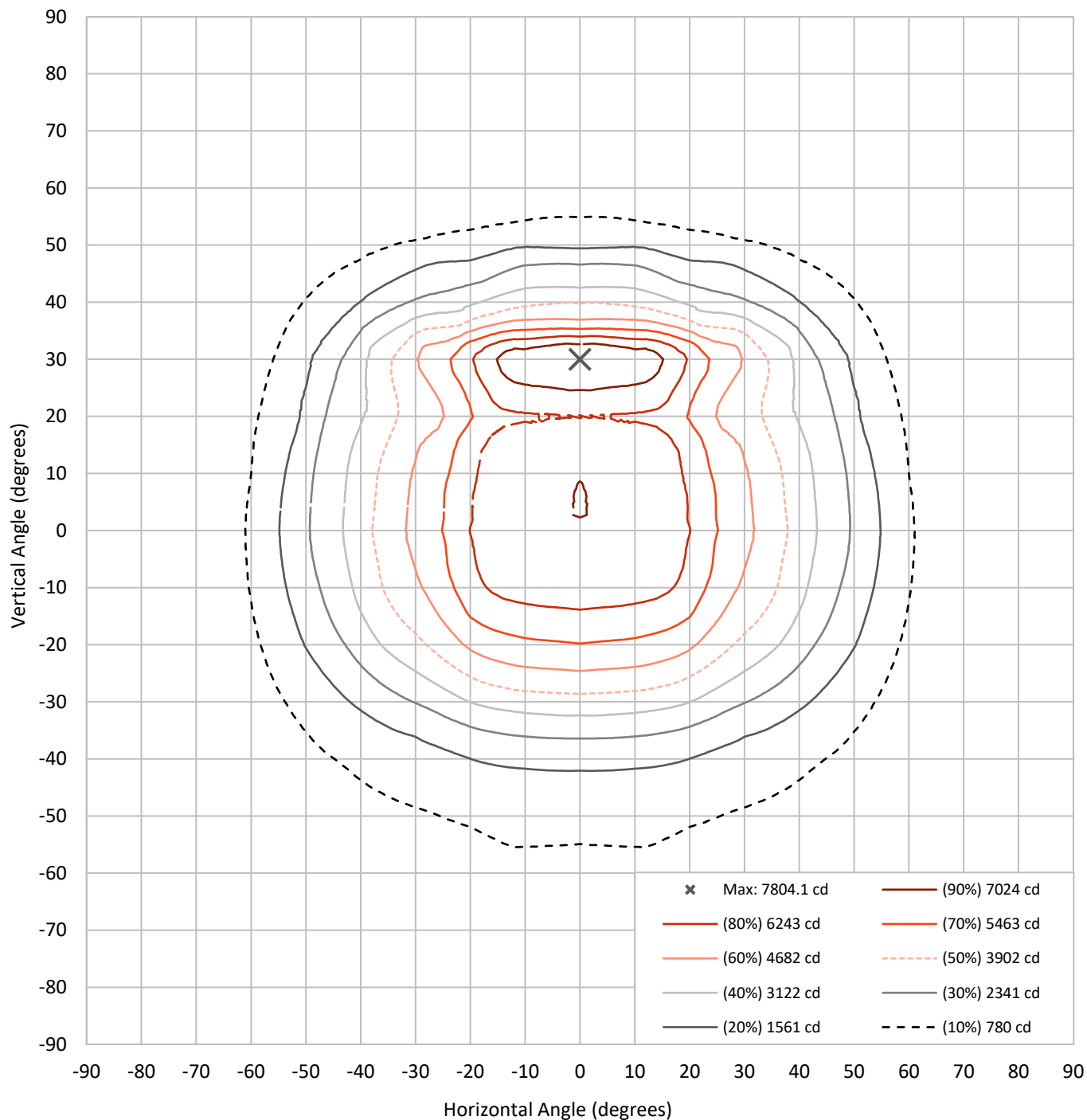
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11178.8 lumens	Max Intensity:	7804.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7131.6 lumens	Field Lumens:	10539.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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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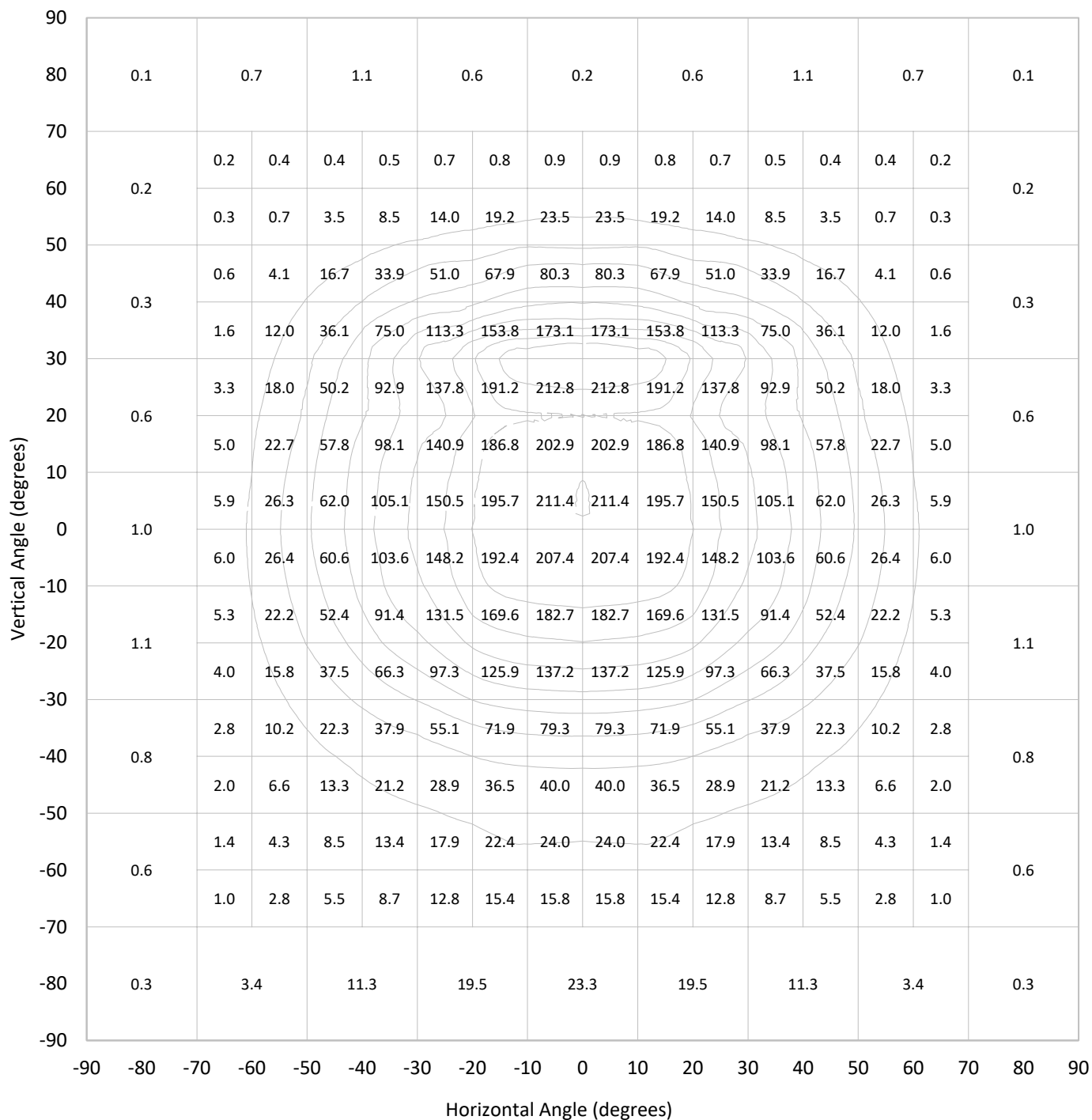
Iso-Candela Plot



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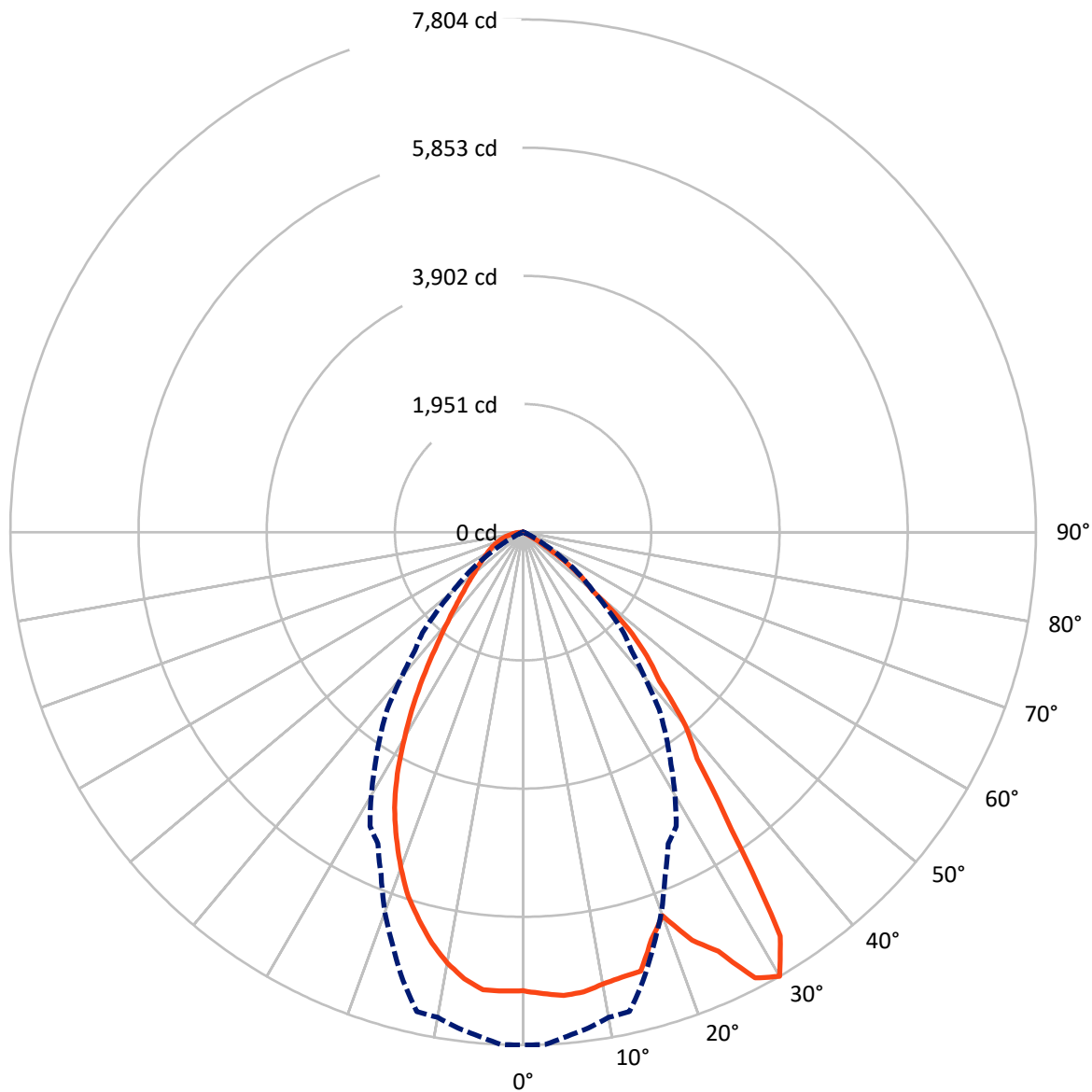
Lumen Table



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Luminous Intensity Polar Plot

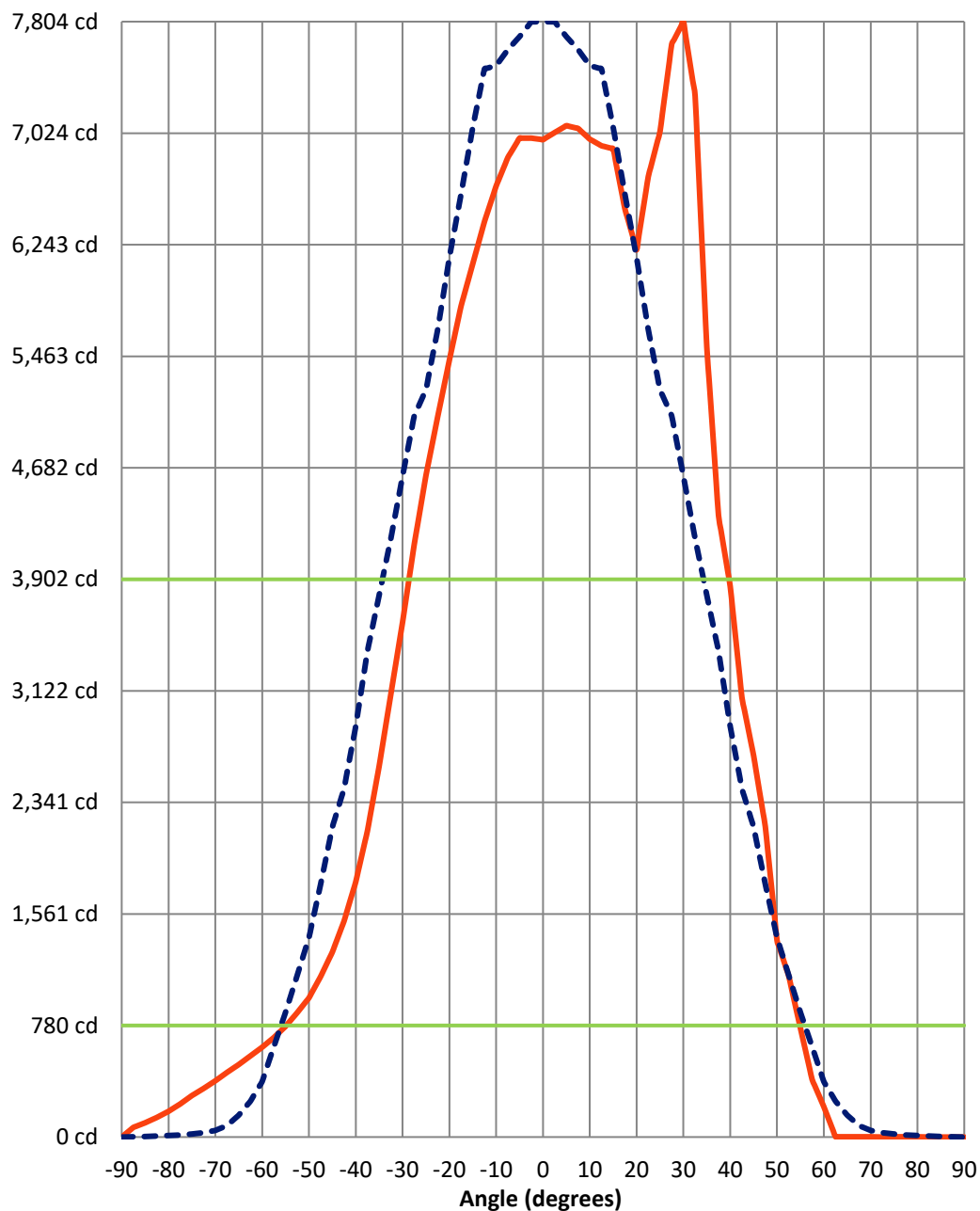


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7131.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 10539.1

Efficiency: 94.3%

Spill:

Lumens: 639.7

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	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	0.0	1.8	1.8	1.8	3.6	3.6	3.6	3.6	3.6	3.6	5.3
82.5°	0.0	1.8	1.8	1.8	3.6	3.6	3.6	3.6	5.3	5.3	7.1
80°	1.8	1.8	1.8	1.8	3.6	3.6	3.6	5.3	5.3	7.1	7.1
77.5°	1.8	1.8	1.8	3.6	3.6	3.6	5.3	5.3	7.1	7.1	8.9
75°	1.8	1.8	1.8	3.6	3.6	5.3	5.3	5.3	7.1	7.1	8.9
72.5°	0.0	1.8	1.8	3.6	3.6	5.3	5.3	5.3	7.1	7.1	7.1
70°	1.8	1.8	1.8	3.6	3.6	5.3	5.3	5.3	7.1	7.1	7.1
67.5°	1.8	1.8	1.8	3.6	3.6	5.3	5.3	7.1	7.1	7.1	8.9
65°	1.8	1.8	1.8	3.6	5.3	5.3	7.1	8.9	8.9	10.7	12.5
62.5°	1.8	3.6	3.6	5.3	7.1	8.9	19.6	30.3	30.3	21.4	17.8
60°	211.8	229.6	227.8	206.4	179.8	151.3	145.9	140.6	129.9	113.9	119.2
57.5°	402.2	423.6	432.5	427.1	412.9	388.0	373.7	357.7	336.4	311.5	283.0
55°	761.7	770.6	751.0	713.7	672.7	631.8	617.6	596.2	564.2	532.1	489.4
52.5°	1126.6	1156.8	1147.9	1110.5	1055.4	982.4	902.3	840.0	802.7	767.1	724.3
50°	1375.7	1388.2	1413.1	1457.6	1473.6	1423.8	1293.9	1126.6	1007.3	1067.8	1021.6
47.5°	2171.3	2233.5	2221.1	2189.1	2135.7	2000.4	1818.9	1669.4	1544.8	1503.9	1511.0
45°	2667.8	2692.7	2683.8	2669.6	2644.7	2518.3	2317.2	2087.6	1971.9	1925.7	1877.6
42.5°	3075.4	3102.0	3107.4	3109.2	3082.5	2966.8	2785.3	2555.7	2440.0	2306.5	2201.5
40°	3853.1	3892.2	3847.7	3789.0	3700.0	3568.3	3390.4	3178.6	2973.9	2810.2	2685.6
37.5°	4349.6	4397.7	4415.5	4411.9	4392.3	4335.4	4116.5	3915.4	3602.1	3235.5	3301.4
35°	5527.8	5577.6	5563.4	5510.0	5481.5	5421.0	5207.5	4969.0	4575.7	4177.0	4070.2
32.5°	7284.4	7392.9	7190.1	6967.6	6830.6	6878.6	6661.5	6077.7	5896.2	5177.2	4844.4
30°	7804.1	7802.3	7699.1	7608.3	7496.2	7473.0	7063.7	6597.4	6152.5	5648.8	5228.8
27.5°	7645.7	7613.6	7526.4	7460.6	7355.6	7300.4	6900.0	6529.8	6015.4	5565.2	5159.4
25°	7035.2	7060.1	6971.2	6958.7	6917.8	6811.0	6611.7	6195.2	5736.0	5237.7	4945.8
22.5°	6720.2	6711.3	6604.5	6542.2	6592.1	6478.2	6398.1	5978.1	5499.3	5079.3	4728.7
20°	6207.7	6209.4	6182.7	6177.4	6147.1	6095.5	6031.5	5734.3	5396.1	5036.6	4614.8
17.5°	6494.2	6567.2	6599.2	6334.0	6408.8	6350.0	6282.4	5867.7	5613.2	5294.7	4744.7
15°	6914.2	6887.5	6855.5	6841.2	6800.3	6745.1	6622.3	6291.3	5853.5	5524.2	5095.3
12.5°	6935.6	6883.9	6871.5	6869.7	6827.0	6750.5	6631.2	6357.2	5969.2	5568.7	5219.9
10°	6981.8	6928.4	6921.3	6930.2	6864.4	6816.3	6697.1	6442.6	6004.8	5645.3	5316.0
7.5°	7056.6	6967.6	7008.5	6981.8	6951.6	6875.1	6746.9	6497.7	6134.7	5746.7	5401.4
5°	7076.2	6978.3	7022.8	6997.9	6953.4	6878.6	6739.8	6533.3	6214.8	5787.6	5435.3
2.5°	7028.1	6999.6	6980.1	6933.8	6914.2	6832.3	6700.6	6480.0	6177.4	5769.8	5428.1
0°	6978.3	7003.2	6958.7	6912.4	6903.5	6837.7	6725.6	6526.2	6264.6	5819.7	5488.6
-2.5°	6989.0	6969.4	6939.1	6891.1	6844.8	6750.5	6649.0	6462.2	6181.0	5711.1	5403.2
-5°	6989.0	6898.2	6901.7	6903.5	6857.3	6759.4	6636.6	6478.2	6131.1	5709.3	5378.3
-7.5°	6853.7	6775.4	6762.9	6752.2	6739.8	6649.0	6552.9	6355.4	6047.5	5663.1	5308.9
-10°	6654.4	6577.8	6585.0	6568.9	6529.8	6469.3	6396.3	6218.3	5965.6	5517.1	5168.3
-12.5°	6405.2	6371.4	6351.8	6325.1	6286.0	6232.6	6157.8	5990.5	5720.0	5337.4	5006.3
-15°	6109.8	6084.9	6067.1	6051.0	5994.1	5938.9	5841.0	5686.2	5517.1	5106.0	4767.9
-17.5°	5814.3	5752.0	5727.1	5705.8	5668.4	5579.4	5490.4	5374.7	5138.0	4812.4	4522.3
-20°	5435.3	5397.9	5367.6	5339.2	5285.8	5216.4	5143.4	5009.9	4805.2	4541.8	4241.1

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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°	5038.4	5017.0	4992.1	4956.5	4920.9	4855.1	4753.6	4625.5	4465.3	4180.6	3899.4
-25°	4629.0	4588.1	4557.9	4524.0	4495.6	4435.1	4337.2	4214.4	4013.3	3767.7	3532.7
-27.5°	4146.7	4107.6	4091.6	4052.4	4027.5	3972.3	3874.4	3760.5	3579.0	3372.6	3134.1
-30°	3602.1	3609.3	3591.5	3554.1	3523.8	3452.7	3377.9	3281.8	3139.4	2941.9	2728.3
-32.5°	3098.5	3107.4	3086.0	3046.9	3007.7	2956.1	2886.7	2799.5	2692.7	2504.1	2319.0
-35°	2594.8	2591.3	2573.5	2550.3	2523.6	2480.9	2402.6	2336.8	2214.0	2082.3	1954.1
-37.5°	2142.8	2151.7	2146.3	2133.9	2103.6	2068.0	2004.0	1943.5	1852.7	1737.0	1637.3
-40°	1785.1	1795.7	1788.6	1776.2	1749.5	1728.1	1685.4	1632.0	1559.0	1459.4	1375.7
-42.5°	1511.0	1518.1	1509.2	1498.5	1475.4	1459.4	1425.6	1381.1	1320.6	1244.0	1169.3
-45°	1293.9	1295.6	1286.7	1279.6	1261.8	1242.2	1213.8	1178.2	1130.1	1076.7	1016.2
-47.5°	1123.0	1121.2	1112.3	1105.2	1091.0	1073.2	1050.0	1018.0	980.6	939.7	891.6
-50°	973.5	982.4	978.8	971.7	961.0	948.6	925.5	891.6	854.3	824.0	790.2
-52.5°	870.3	872.1	870.3	870.3	868.5	859.6	832.9	799.1	758.2	731.5	703.0
-55°	774.2	783.1	786.6	790.2	792.0	792.0	759.9	724.3	685.2	658.5	637.1
-57.5°	695.9	701.2	704.8	713.7	720.8	726.1	697.6	665.6	635.4	610.4	590.9
-60°	628.2	635.4	640.7	649.6	654.9	658.5	640.7	619.3	601.5	585.5	557.1
-62.5°	567.7	573.1	578.4	583.7	589.1	592.6	585.5	574.8	566.0	558.8	523.2
-65°	507.2	512.6	517.9	525.0	530.4	533.9	532.1	525.0	517.9	510.8	478.7
-67.5°	452.0	457.4	464.5	466.3	469.8	471.6	468.1	462.7	453.8	444.9	420.0
-70°	393.3	396.9	400.4	400.4	400.4	398.7	395.1	388.0	379.1	366.6	347.0
-72.5°	339.9	343.5	347.0	341.7	338.1	332.8	327.5	318.6	309.7	300.8	290.1
-75°	290.1	291.9	291.9	284.8	279.4	274.1	267.0	261.6	252.7	245.6	236.7
-77.5°	231.4	231.4	231.4	226.0	222.5	218.9	213.6	208.2	201.1	195.8	188.7
-80°	179.8	179.8	179.8	178.0	172.6	169.1	165.5	162.0	156.6	153.1	149.5
-82.5°	137.0	137.0	137.0	135.3	131.7	129.9	126.4	122.8	121.0	117.5	115.7
-85°	99.7	101.4	101.4	99.7	97.9	94.3	92.5	90.8	89.0	87.2	83.6
-87.5°	67.6	67.6	67.6	65.8	64.1	64.1	62.3	58.7	55.2	53.4	51.6
-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	5.3	5.3	5.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1	5.3
82.5°	8.9	8.9	10.7	10.7	12.5	12.5	12.5	12.5	12.5	12.5	12.5
80°	8.9	10.7	12.5	14.2	16.0	17.8	17.8	17.8	17.8	16.0	16.0
77.5°	10.7	10.7	12.5	14.2	16.0	17.8	19.6	21.4	19.6	19.6	19.6
75°	10.7	12.5	12.5	14.2	16.0	17.8	19.6	21.4	21.4	21.4	21.4
72.5°	8.9	10.7	12.5	14.2	14.2	16.0	17.8	17.8	19.6	19.6	21.4
70°	8.9	10.7	12.5	12.5	14.2	14.2	16.0	17.8	17.8	19.6	19.6
67.5°	10.7	12.5	12.5	14.2	16.0	16.0	16.0	17.8	17.8	19.6	19.6
65°	12.5	14.2	14.2	16.0	17.8	17.8	19.6	19.6	19.6	21.4	21.4
62.5°	21.4	21.4	21.4	19.6	21.4	21.4	21.4	23.1	23.1	21.4	23.1
60°	110.3	80.1	55.2	69.4	62.3	28.5	28.5	28.5	26.7	26.7	24.9
57.5°	259.8	242.0	208.2	176.2	158.4	140.6	87.2	35.6	35.6	32.0	28.5
55°	434.3	375.5	350.6	307.9	261.6	240.3	199.3	135.3	64.1	42.7	37.4
52.5°	672.7	617.6	553.5	466.3	404.0	354.2	320.3	254.5	170.9	90.8	57.0
50°	900.5	875.6	836.5	751.0	621.1	537.5	482.3	407.6	306.1	186.9	106.8
47.5°	1450.5	1242.2	1115.9	1050.0	941.5	783.1	676.3	592.6	469.8	315.0	188.7
45°	1826.0	1694.3	1493.2	1354.4	1194.2	1026.9	888.1	792.0	646.0	471.6	295.4
42.5°	2148.1	2034.2	1852.7	1649.8	1480.7	1261.8	1083.8	957.5	834.7	644.3	441.4
40°	2562.8	2427.5	2253.1	2055.6	1858.0	1578.6	1290.3	1137.2	1002.0	832.9	596.2
37.5°	3246.2	3007.7	2723.0	2504.1	2246.0	2009.3	1614.2	1343.7	1183.5	1007.3	777.7
35°	4068.4	3806.8	3331.6	3041.5	2696.3	2343.9	1987.9	1587.5	1359.7	1172.8	945.0
32.5°	4833.7	4451.1	3842.4	3502.5	3272.9	2623.3	2254.9	1907.9	1541.2	1311.7	1041.1
30°	5045.5	4623.7	4187.7	3790.8	3399.3	2874.2	2438.2	2167.7	1769.0	1395.3	1131.9
27.5°	4831.9	4541.8	4203.7	3835.3	3411.7	2961.5	2550.3	2292.3	1936.3	1452.2	1203.1
25°	4614.8	4312.3	4075.6	3767.7	3376.1	2956.1	2553.9	2370.6	2066.3	1562.6	1242.2
22.5°	4385.2	4196.6	4000.8	3657.3	3287.1	2972.1	2669.6	2438.2	2133.9	1687.2	1258.3
20°	4397.7	4274.9	4059.5	3600.4	3271.1	3066.5	2808.4	2523.6	2206.9	1795.7	1270.7
17.5°	4597.0	4436.8	4166.3	3767.7	3415.3	3162.6	2924.1	2641.1	2281.6	1891.8	1422.0
15°	4842.6	4598.8	4315.8	3965.2	3566.6	3267.6	3013.1	2723.0	2367.0	1980.8	1557.3
12.5°	5020.6	4673.5	4408.4	4091.6	3730.3	3381.5	3071.8	2785.3	2447.1	2053.8	1658.7
10°	5081.1	4766.1	4452.9	4169.9	3813.9	3442.0	3116.3	2824.4	2516.5	2110.7	1733.4
7.5°	5113.1	4846.2	4483.1	4205.5	3863.8	3479.3	3151.9	2845.8	2571.7	2149.9	1781.5
5°	5109.6	4888.9	4506.2	4216.2	3890.5	3495.4	3176.8	2851.1	2610.8	2183.7	1810.0
2.5°	5093.6	4917.4	4543.6	4233.9	3943.9	3525.6	3224.8	2861.8	2625.1	2221.1	1829.5
0°	5152.3	4919.1	4582.8	4239.3	3979.4	3536.3	3246.2	2852.9	2605.5	2231.8	1827.8
-2.5°	5025.9	4814.1	4573.9	4193.0	3931.4	3511.4	3207.1	2824.4	2562.8	2219.3	1820.7
-5°	5004.6	4737.6	4499.1	4150.3	3851.3	3459.8	3134.1	2771.0	2495.2	2178.4	1792.2
-7.5°	4947.6	4664.6	4426.2	4116.5	3776.6	3406.4	3064.7	2715.8	2422.2	2114.3	1751.2
-10°	4823.0	4552.5	4347.9	4043.5	3685.8	3329.9	2981.0	2642.9	2336.8	2027.1	1687.2
-12.5°	4645.1	4374.5	4171.7	3888.7	3571.9	3226.6	2881.4	2548.6	2238.9	1934.6	1610.6
-15°	4444.0	4169.9	3967.0	3708.9	3402.8	3066.5	2755.0	2429.3	2126.8	1836.7	1519.9
-17.5°	4216.2	3956.3	3760.5	3509.6	3205.3	2884.9	2575.3	2279.8	1996.8	1735.2	1414.9
-20°	3952.8	3700.0	3520.3	3269.3	2989.9	2678.5	2377.7	2098.3	1843.8	1598.2	1299.2

REPORT NUMBER: P722602

CATALOG NUMBER: IFLD-S-SA3A-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°	3627.1	3404.6	3199.9	2975.7	2731.9	2447.1	2167.7	1920.3	1676.5	1436.2	1180.0
-25°	3294.3	3078.9	2879.6	2674.9	2441.8	2196.2	1957.7	1733.4	1495.0	1277.8	1064.3
-27.5°	2924.1	2731.9	2553.9	2365.2	2151.7	1939.9	1744.1	1525.2	1318.8	1133.7	950.4
-30°	2529.0	2372.4	2217.5	2050.2	1877.6	1699.6	1525.2	1318.8	1156.8	1009.1	854.3
-32.5°	2149.9	2009.3	1884.7	1760.1	1610.6	1464.7	1309.9	1156.8	1021.6	891.6	761.7
-35°	1817.1	1667.6	1598.2	1498.5	1379.3	1247.6	1121.2	1014.4	905.9	788.4	672.7
-37.5°	1528.8	1432.7	1350.8	1276.1	1181.7	1067.8	977.1	889.9	799.1	692.3	592.6
-40°	1302.8	1233.3	1151.5	1096.3	1019.8	937.9	847.1	774.2	697.6	610.4	528.6
-42.5°	1121.2	1064.3	1010.9	952.1	895.2	825.8	747.5	678.1	608.7	544.6	477.0
-45°	971.7	930.8	888.1	840.0	790.2	729.7	665.6	594.4	544.6	487.6	430.7
-47.5°	848.9	818.7	783.1	745.7	703.0	649.6	590.9	539.3	487.6	439.6	384.4
-50°	751.0	722.6	694.1	662.1	624.7	578.4	533.9	485.9	437.8	391.5	339.9
-52.5°	669.2	644.3	621.1	594.4	558.8	519.7	478.7	436.0	391.5	345.3	304.3
-55°	612.2	583.7	560.6	533.9	501.9	464.5	427.1	388.0	345.3	309.7	275.9
-57.5°	566.0	533.9	507.2	478.7	446.7	414.7	380.9	345.3	313.2	279.4	247.4
-60°	526.8	489.4	459.2	430.7	400.4	370.2	341.7	311.5	281.2	250.9	218.9
-62.5°	485.9	446.7	409.3	382.6	359.5	332.8	307.9	279.4	252.7	222.5	199.3
-65°	439.6	402.2	366.6	343.5	322.1	299.0	275.9	250.9	227.8	204.7	183.3
-67.5°	388.0	355.9	331.0	309.7	288.3	268.7	247.4	226.0	206.4	183.3	162.0
-70°	325.7	307.9	293.7	277.6	258.1	240.3	220.7	201.1	179.8	160.2	140.6
-72.5°	277.6	267.0	256.3	240.3	222.5	206.4	190.4	172.6	154.8	137.0	121.0
-75°	227.8	218.9	210.0	199.3	185.1	172.6	158.4	142.4	128.1	115.7	103.2
-77.5°	183.3	176.2	170.9	162.0	151.3	140.6	131.7	121.0	110.3	97.9	85.4
-80°	145.9	142.4	140.6	137.0	128.1	119.2	112.1	103.2	92.5	83.6	74.7
-82.5°	113.9	113.9	112.1	110.3	103.2	96.1	90.8	83.6	76.5	69.4	60.5
-85°	83.6	81.9	81.9	80.1	74.7	71.2	65.8	62.3	57.0	49.8	46.3
-87.5°	49.8	48.1	46.3	44.5	40.9	39.2	35.6	33.8	30.3	26.7	24.9
-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: P722602

CATALOG NUMBER: IFLD-S-SA3A-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
85°	5.3	3.6	3.6	3.6	3.6	3.6	1.8	1.8	1.8	1.8	1.8
82.5°	10.7	10.7	8.9	8.9	7.1	5.3	3.6	3.6	3.6	1.8	1.8
80°	16.0	16.0	16.0	14.2	12.5	8.9	7.1	5.3	3.6	1.8	1.8
77.5°	19.6	17.8	17.8	16.0	16.0	14.2	10.7	8.9	5.3	3.6	1.8
75°	19.6	19.6	19.6	17.8	17.8	16.0	14.2	10.7	8.9	5.3	3.6
72.5°	21.4	19.6	19.6	19.6	17.8	16.0	14.2	12.5	10.7	7.1	3.6
70°	19.6	19.6	19.6	19.6	17.8	17.8	14.2	12.5	12.5	7.1	5.3
67.5°	19.6	19.6	19.6	17.8	17.8	16.0	14.2	12.5	12.5	8.9	5.3
65°	21.4	19.6	19.6	19.6	17.8	16.0	14.2	12.5	12.5	10.7	7.1
62.5°	23.1	21.4	21.4	19.6	17.8	16.0	14.2	12.5	12.5	10.7	7.1
60°	24.9	23.1	21.4	21.4	19.6	17.8	14.2	14.2	12.5	10.7	7.1
57.5°	26.7	24.9	24.9	23.1	21.4	19.6	16.0	14.2	12.5	10.7	8.9
55°	32.0	28.5	26.7	26.7	24.9	21.4	17.8	14.2	12.5	10.7	8.9
52.5°	42.7	33.8	30.3	30.3	28.5	24.9	19.6	16.0	12.5	10.7	8.9
50°	67.6	42.7	35.6	32.0	32.0	28.5	23.1	17.8	12.5	10.7	8.9
47.5°	106.8	71.2	42.7	37.4	35.6	33.8	26.7	17.8	14.2	10.7	8.9
45°	176.2	105.0	69.4	44.5	37.4	35.6	30.3	19.6	14.2	12.5	8.9
42.5°	242.0	163.7	106.8	53.4	44.5	39.2	32.0	21.4	16.0	12.5	8.9
40°	380.9	224.2	149.5	87.2	51.6	40.9	35.6	24.9	16.0	12.5	8.9
37.5°	516.1	297.2	201.1	128.1	58.7	46.3	37.4	26.7	17.8	12.5	10.7
35°	651.4	416.5	249.2	170.9	78.3	55.2	39.2	28.5	17.8	12.5	10.7
32.5°	772.4	528.6	299.0	213.6	117.5	65.8	42.7	30.3	19.6	14.2	10.7
30°	872.1	631.8	388.0	250.9	153.1	80.1	46.3	30.3	21.4	14.2	10.7
27.5°	946.8	711.9	478.7	290.1	183.3	94.3	53.4	33.8	21.4	14.2	10.7
25°	1007.3	774.2	558.8	331.0	210.0	117.5	64.1	35.6	23.1	16.0	10.7
22.5°	1055.4	825.8	624.7	386.2	242.0	140.6	78.3	39.2	23.1	16.0	10.7
20°	1121.2	877.4	669.2	444.9	275.9	162.0	90.8	42.7	23.1	16.0	12.5
17.5°	1178.2	929.0	704.8	494.8	309.7	178.0	105.0	46.3	24.9	16.0	12.5
15°	1244.0	978.8	736.8	533.9	341.7	192.2	117.5	49.8	24.9	17.8	12.5
12.5°	1315.2	1025.1	759.9	566.0	375.5	204.7	128.1	57.0	26.7	17.8	12.5
10°	1388.2	1064.3	779.5	589.1	400.4	217.1	135.3	64.1	28.5	17.8	12.5
7.5°	1461.1	1099.9	804.4	599.8	411.1	231.4	138.8	71.2	28.5	19.6	12.5
5°	1511.0	1123.0	840.0	606.9	416.5	247.4	144.2	80.1	30.3	19.6	12.5
2.5°	1553.7	1137.2	877.4	612.2	418.2	256.3	142.4	85.4	32.0	19.6	12.5
0°	1573.3	1137.2	902.3	608.7	412.9	265.2	142.4	90.8	32.0	19.6	12.5
-2.5°	1543.0	1169.3	895.2	610.4	414.7	265.2	149.5	92.5	35.6	21.4	12.5
-5°	1495.0	1181.7	873.8	601.5	411.1	265.2	158.4	94.3	37.4	21.4	14.2
-7.5°	1448.7	1187.1	848.9	592.6	405.8	258.1	160.2	92.5	40.9	23.1	14.2
-10°	1388.2	1128.3	816.9	576.6	395.1	252.7	163.7	92.5	42.7	23.1	14.2
-12.5°	1318.8	1057.2	777.7	553.5	382.6	247.4	165.5	92.5	44.5	24.9	14.2
-15°	1238.7	984.2	733.2	528.6	364.8	240.3	162.0	90.8	46.3	24.9	16.0
-17.5°	1147.9	913.0	687.0	498.3	345.3	231.4	154.8	89.0	46.3	24.9	16.0
-20°	1044.7	841.8	635.4	468.1	322.1	220.7	147.7	85.4	46.3	24.9	16.0

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CATALOG NUMBER: IFLD-S-SA3A-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°	952.1	776.0	582.0	434.3	297.2	208.2	138.8	81.9	46.3	26.7	16.0
-25°	875.6	711.9	541.0	400.4	270.5	194.0	129.9	78.3	46.3	26.7	16.0
-27.5°	795.5	642.5	498.3	368.4	252.7	181.5	121.0	74.7	44.5	26.7	16.0
-30°	713.7	574.8	453.8	332.8	234.9	169.1	113.9	69.4	44.5	26.7	16.0
-32.5°	638.9	519.7	412.9	297.2	215.3	156.6	106.8	67.6	42.7	26.7	16.0
-35°	566.0	469.8	370.2	268.7	194.0	144.2	99.7	65.8	42.7	26.7	16.0
-37.5°	505.4	423.6	331.0	249.2	181.5	133.5	92.5	62.3	40.9	26.7	16.0
-40°	455.6	380.9	293.7	227.8	170.9	122.8	85.4	60.5	40.9	26.7	16.0
-42.5°	409.3	339.9	270.5	210.0	160.2	115.7	80.1	58.7	39.2	26.7	16.0
-45°	368.4	304.3	247.4	194.0	147.7	106.8	76.5	55.2	37.4	26.7	17.8
-47.5°	327.5	279.4	226.0	179.8	135.3	96.1	73.0	53.4	35.6	24.9	17.8
-50°	295.4	252.7	208.2	163.7	122.8	92.5	69.4	49.8	35.6	24.9	17.8
-52.5°	267.0	227.8	188.7	147.7	112.1	87.2	65.8	46.3	33.8	24.9	17.8
-55°	240.3	204.7	169.1	131.7	105.0	81.9	60.5	42.7	33.8	24.9	17.8
-57.5°	213.6	183.3	149.5	119.2	96.1	76.5	57.0	42.7	33.8	24.9	17.8
-60°	192.2	163.7	135.3	110.3	89.0	69.4	51.6	40.9	32.0	24.9	17.8
-62.5°	174.4	147.7	122.8	99.7	81.9	62.3	49.8	40.9	32.0	24.9	16.0
-65°	156.6	133.5	110.3	90.8	73.0	58.7	48.1	39.2	32.0	24.9	16.0
-67.5°	138.8	117.5	99.7	80.1	67.6	57.0	46.3	39.2	30.3	23.1	16.0
-70°	121.0	103.2	87.2	74.7	64.1	53.4	44.5	37.4	30.3	21.4	14.2
-72.5°	106.8	90.8	78.3	69.4	60.5	51.6	42.7	35.6	28.5	19.6	12.5
-75°	90.8	80.1	71.2	62.3	55.2	48.1	40.9	32.0	24.9	17.8	12.5
-77.5°	76.5	69.4	62.3	57.0	49.8	42.7	35.6	28.5	23.1	16.0	10.7
-80°	65.8	60.5	55.2	49.8	44.5	37.4	32.0	24.9	19.6	14.2	8.9
-82.5°	53.4	49.8	44.5	40.9	37.4	32.0	26.7	21.4	14.2	10.7	7.1
-85°	40.9	37.4	35.6	32.0	28.5	23.1	17.8	14.2	10.7	7.1	3.6
-87.5°	21.4	19.6	17.8	16.0	14.2	10.7	8.9	7.1	5.3	3.6	1.8
-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-SA3A-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°	1.8	0.0	0.0	0.0
77.5°	1.8	0.0	0.0	0.0
75°	1.8	1.8	0.0	0.0
72.5°	1.8	1.8	0.0	0.0
70°	1.8	1.8	0.0	0.0
67.5°	3.6	1.8	0.0	0.0
65°	3.6	1.8	0.0	0.0
62.5°	3.6	1.8	0.0	0.0
60°	3.6	1.8	0.0	0.0
57.5°	5.3	1.8	1.8	0.0
55°	5.3	1.8	1.8	0.0
52.5°	5.3	1.8	1.8	0.0
50°	5.3	3.6	1.8	0.0
47.5°	5.3	3.6	1.8	0.0
45°	5.3	3.6	1.8	0.0
42.5°	5.3	3.6	1.8	0.0
40°	7.1	3.6	1.8	0.0
37.5°	7.1	3.6	1.8	0.0
35°	7.1	3.6	1.8	0.0
32.5°	7.1	3.6	1.8	0.0
30°	7.1	3.6	1.8	0.0
27.5°	7.1	5.3	1.8	0.0
25°	7.1	5.3	1.8	0.0
22.5°	8.9	5.3	1.8	0.0
20°	8.9	5.3	1.8	0.0
17.5°	8.9	5.3	1.8	0.0
15°	8.9	5.3	1.8	0.0
12.5°	8.9	5.3	1.8	0.0
10°	8.9	5.3	1.8	0.0
7.5°	8.9	5.3	1.8	0.0
5°	8.9	5.3	1.8	0.0
2.5°	8.9	5.3	1.8	0.0
0°	8.9	5.3	1.8	0.0
-2.5°	8.9	5.3	1.8	0.0
-5°	8.9	5.3	1.8	0.0
-7.5°	8.9	5.3	1.8	0.0
-10°	8.9	5.3	1.8	0.0
-12.5°	10.7	5.3	1.8	0.0
-15°	10.7	5.3	1.8	0.0
-17.5°	10.7	5.3	1.8	0.0
-20°	10.7	5.3	1.8	0.0

REPORT NUMBER: P722602

CATALOG NUMBER: IFLD-S-SA3A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.7	5.3	1.8	0.0
-25°	10.7	5.3	1.8	0.0
-27.5°	10.7	5.3	1.8	0.0
-30°	10.7	5.3	1.8	0.0
-32.5°	10.7	5.3	1.8	0.0
-35°	10.7	5.3	1.8	0.0
-37.5°	10.7	5.3	1.8	0.0
-40°	10.7	5.3	1.8	0.0
-42.5°	8.9	5.3	1.8	0.0
-45°	10.7	5.3	1.8	0.0
-47.5°	10.7	5.3	1.8	0.0
-50°	10.7	5.3	1.8	0.0
-52.5°	10.7	5.3	1.8	0.0
-55°	10.7	5.3	1.8	0.0
-57.5°	10.7	5.3	1.8	0.0
-60°	10.7	5.3	1.8	0.0
-62.5°	8.9	5.3	1.8	0.0
-65°	8.9	3.6	1.8	0.0
-67.5°	8.9	3.6	1.8	0.0
-70°	8.9	3.6	1.8	0.0
-72.5°	7.1	3.6	1.8	0.0
-75°	7.1	3.6	1.8	0.0
-77.5°	5.3	1.8	0.0	0.0
-80°	5.3	1.8	0.0	0.0
-82.5°	3.6	1.8	0.0	0.0
-85°	1.8	1.8	0.0	0.0
-87.5°	1.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)