

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: P722624

Luminaire Tested: **IFLD-L-SA8C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722624
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41164.6 lumens	Max Intensity:	28737.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	26261.2 lumens	Field Lumens:	38808.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

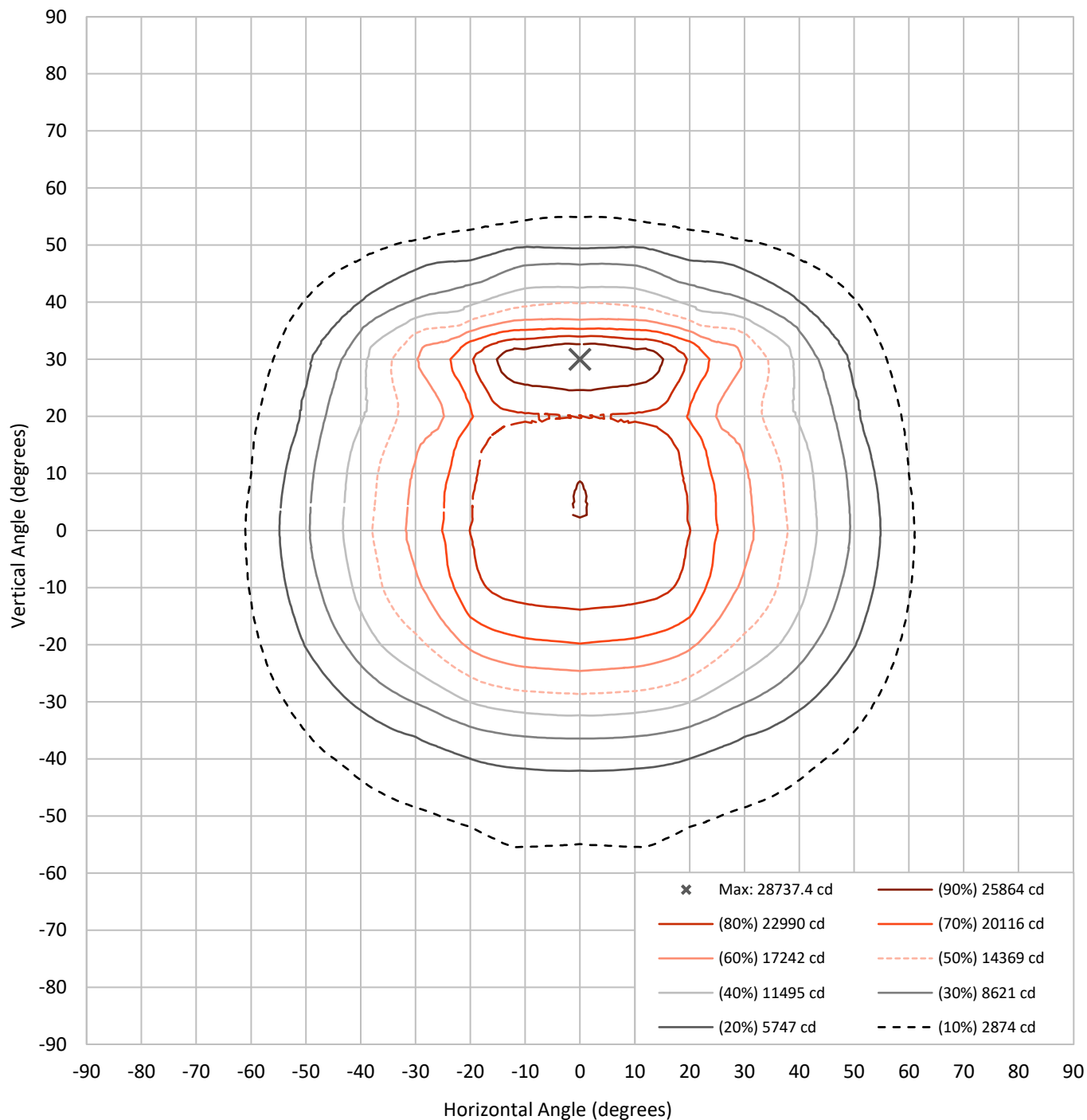
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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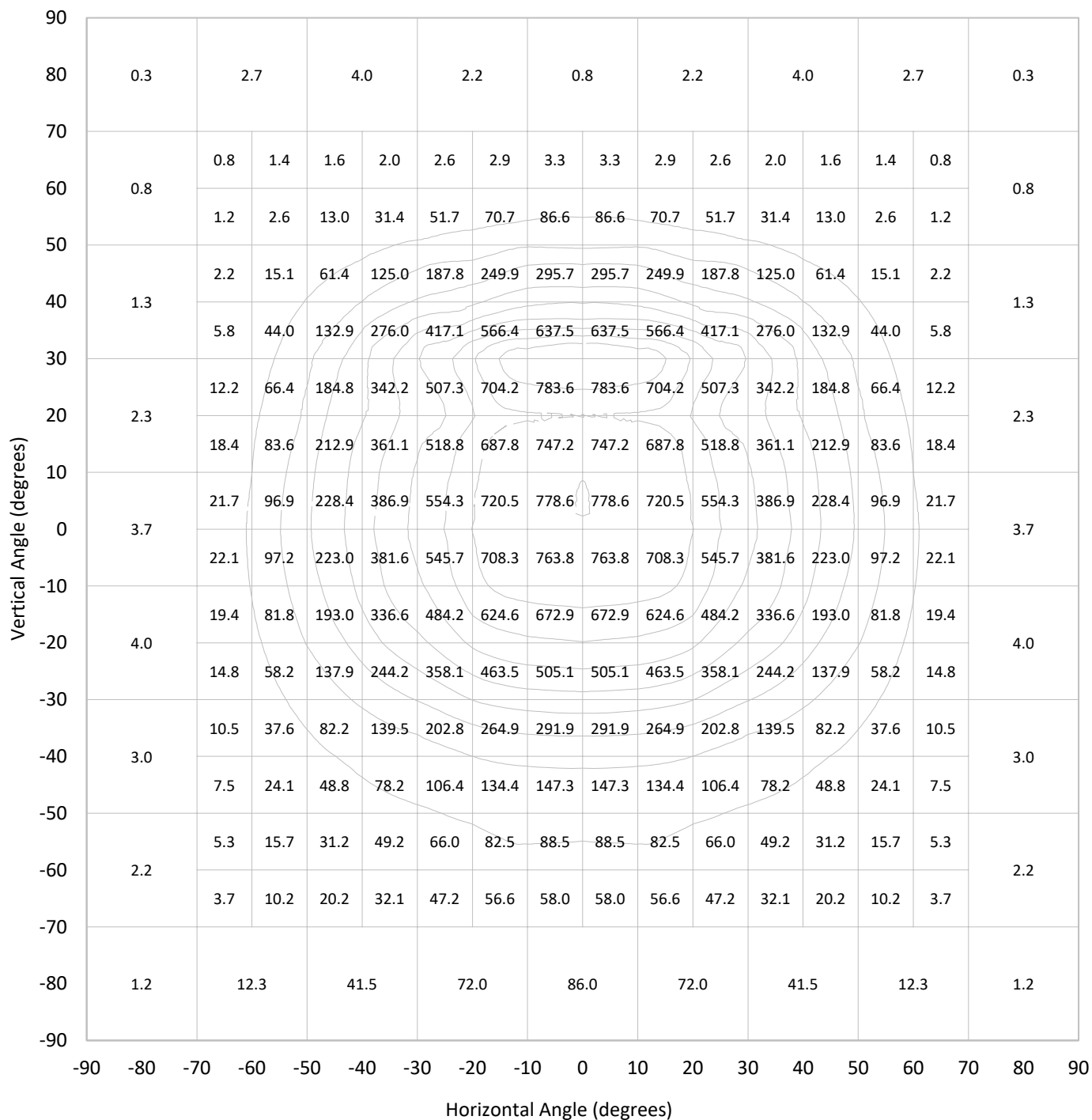
Iso-Candela Plot



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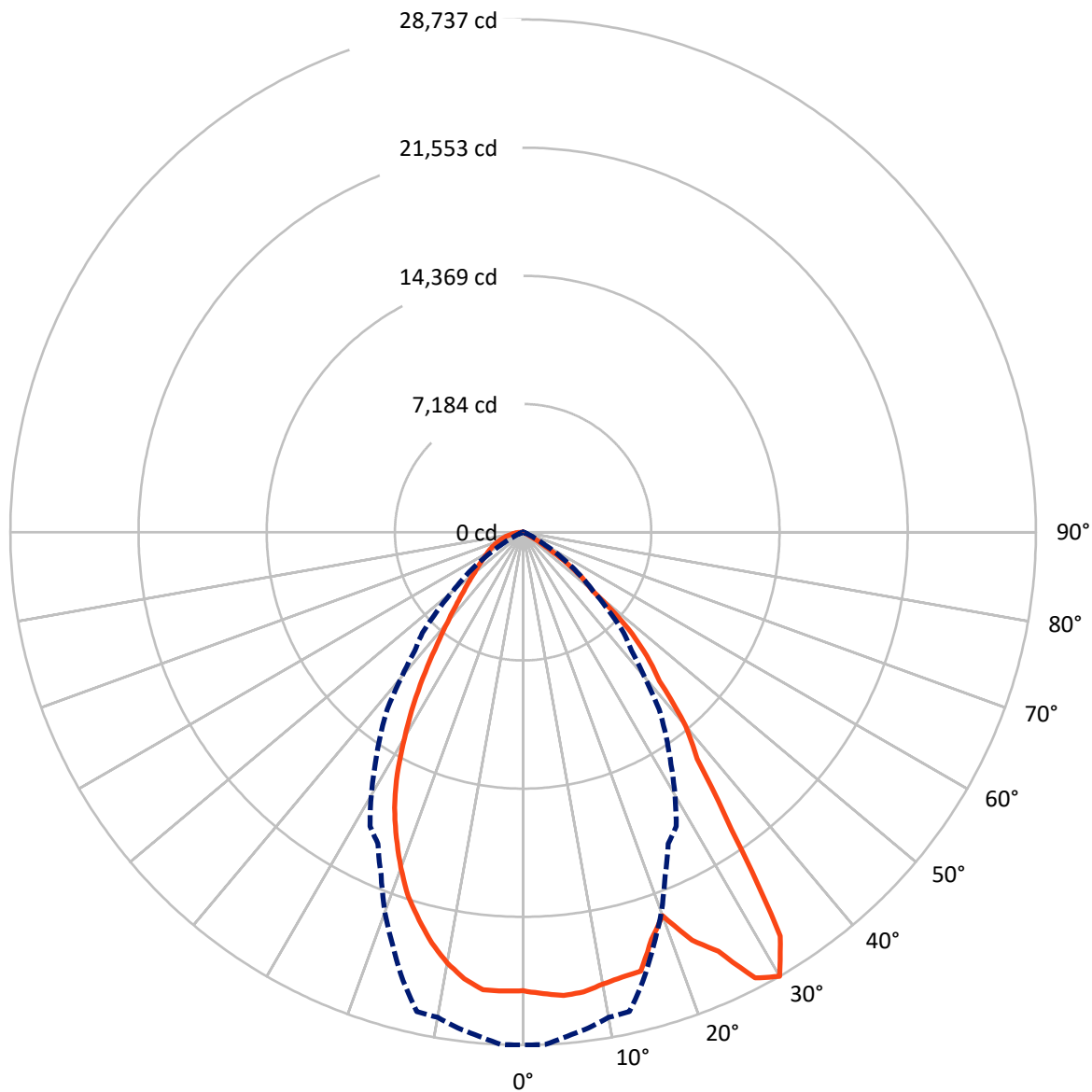
Lumen Table



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Luminous Intensity Polar Plot



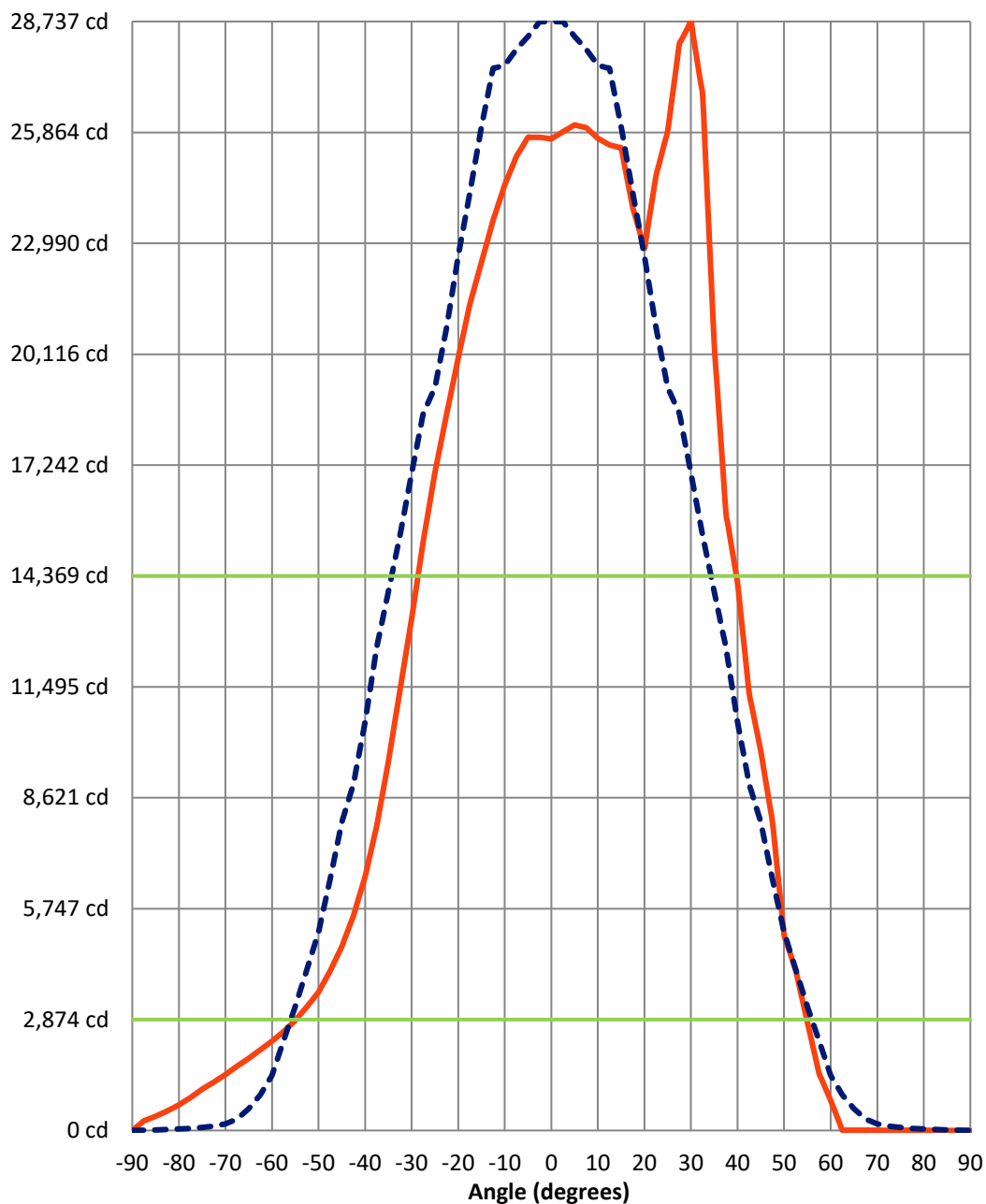
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26261.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 38808.9

Efficiency: 94.3%

Spill:

Lumens: 2355.6

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	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	13.1	13.1	19.7
82.5°	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	19.7	19.7	26.2
80°	6.6	6.6	6.6	6.6	13.1	13.1	13.1	19.7	19.7	26.2	26.2
77.5°	6.6	6.6	6.6	13.1	13.1	13.1	19.7	19.7	26.2	26.2	32.8
75°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	32.8
72.5°	0.0	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	26.2
70°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	26.2
67.5°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	26.2	26.2	26.2	32.8
65°	6.6	6.6	6.6	13.1	19.7	19.7	26.2	32.8	32.8	39.3	45.9
62.5°	6.6	13.1	13.1	19.7	26.2	32.8	72.1	111.4	111.4	78.6	65.5
60°	779.9	845.4	838.9	760.2	661.9	557.1	537.4	517.7	478.4	419.4	439.1
57.5°	1481.1	1559.8	1592.5	1572.9	1520.4	1428.7	1376.3	1317.3	1238.6	1146.9	1042.0
55°	2804.9	2837.7	2765.6	2628.0	2477.3	2326.5	2274.1	2195.4	2077.5	1959.5	1802.2
52.5°	4148.4	4259.8	4227.1	4089.4	3886.3	3617.6	3322.7	3093.3	2955.7	2824.6	2667.3
50°	5065.9	5111.8	5203.5	5367.4	5426.4	5242.9	4764.5	4148.4	3709.3	3932.1	3761.8
47.5°	7995.4	8224.7	8178.9	8060.9	7864.3	7366.2	6697.8	6147.3	5688.5	5537.8	5564.0
45°	9823.8	9915.6	9882.8	9830.4	9738.6	9273.3	8532.8	7687.3	7261.4	7091.0	6914.0
42.5°	11324.6	11422.9	11442.5	11449.1	11350.8	10924.8	10256.4	9410.9	8985.0	8493.4	8106.8
40°	14188.5	14332.7	14168.8	13952.6	13624.9	13139.9	12484.6	11704.7	10951.0	10348.1	9889.4
37.5°	16016.9	16193.9	16259.4	16246.3	16174.2	15964.5	15158.4	14417.9	13264.4	11914.4	12156.9
35°	20355.4	20538.9	20486.5	20289.9	20185.0	19962.2	19175.8	18297.6	16849.3	15381.2	14988.0
32.5°	26823.8	27223.6	26476.5	25657.3	25152.6	25329.6	24530.0	22380.5	21712.0	19064.4	17838.8
30°	28737.4	28730.9	28350.8	28016.5	27603.7	27518.5	26011.2	24294.1	22655.7	20801.1	19254.4
27.5°	28154.2	28036.2	27715.1	27472.6	27085.9	26882.8	25408.2	24045.1	22151.1	20493.0	18998.8
25°	25906.3	25998.0	25670.4	25624.5	25473.8	25080.5	24346.5	22813.0	21122.2	19287.2	18212.4
22.5°	24746.3	24713.5	24320.3	24091.0	24274.5	23855.0	23560.1	22013.5	20250.6	18703.9	17412.9
20°	22858.9	22865.4	22767.1	22747.5	22636.1	22446.0	22210.1	21115.6	19870.5	18546.6	16993.4
17.5°	23914.0	24182.7	24300.7	23324.2	23599.4	23383.2	23134.1	21607.1	20670.0	19496.9	17471.8
15°	25460.7	25362.4	25244.4	25192.0	25041.2	24838.1	24385.9	23166.9	21554.7	20342.3	18762.9
12.5°	25539.3	25349.2	25303.4	25296.8	25139.5	24857.7	24418.6	23409.4	21980.7	20506.1	19221.6
10°	25709.7	25513.1	25486.9	25519.6	25277.2	25100.2	24661.1	23724.0	22111.8	20788.0	19575.5
7.5°	25984.9	25657.3	25808.0	25709.7	25598.3	25316.5	24844.6	23927.1	22590.2	21161.5	19890.1
5°	26057.0	25696.6	25860.4	25768.7	25604.8	25329.6	24818.4	24058.2	22885.1	21312.2	20014.6
2.5°	25880.1	25775.2	25703.1	25532.7	25460.7	25159.2	24674.2	23861.6	22747.5	21246.7	19988.4
0°	25696.6	25788.3	25624.5	25454.1	25421.3	25178.9	24766.0	24032.0	23068.6	21430.2	20211.2
-2.5°	25735.9	25663.8	25552.4	25375.5	25205.1	24857.7	24484.2	23796.0	22760.6	21030.4	19896.7
-5°	25735.9	25401.7	25414.8	25421.3	25250.9	24890.5	24438.3	23855.0	22577.1	21023.9	19804.9
-7.5°	25237.8	24949.5	24903.6	24864.3	24818.4	24484.2	24130.3	23402.8	22269.1	20853.5	19549.3
-10°	24503.8	24222.0	24248.2	24189.3	24045.1	23822.3	23553.6	22898.2	21967.6	20316.1	19031.6
-12.5°	23586.3	23461.8	23389.7	23291.4	23147.2	22950.6	22675.4	22059.3	21063.2	19654.2	18435.2
-15°	22498.4	22406.7	22341.2	22282.2	22072.5	21869.3	21508.8	20938.7	20316.1	18802.2	17557.0
-17.5°	21410.5	21181.2	21089.4	21010.8	20873.1	20545.5	20217.8	19791.8	18920.2	17720.9	16652.6
-20°	20014.6	19877.0	19765.6	19660.7	19464.1	19208.5	18939.8	18448.3	17694.7	16724.7	15617.2

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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°	18553.2	18474.5	18382.8	18251.7	18120.6	17878.2	17504.6	17032.8	16442.9	15394.4	14358.9
-25°	17045.9	16895.1	16783.7	16659.2	16554.3	16331.5	15971.1	15518.9	14778.3	13873.9	13008.9
-27.5°	15269.8	15125.7	15066.7	14922.5	14830.7	14627.6	14267.1	13847.7	13179.2	12419.0	11540.9
-30°	13264.4	13290.7	13225.1	13087.5	12976.1	12713.9	12438.7	12084.8	11560.5	10833.1	10046.6
-32.5°	11409.8	11442.5	11363.9	11219.7	11075.5	10885.5	10629.9	10308.8	9915.6	9220.9	8539.3
-35°	9555.1	9542.0	9476.5	9391.3	9293.0	9135.7	8847.3	8604.8	8152.7	7667.7	7195.8
-37.5°	7890.5	7923.3	7903.6	7857.7	7746.3	7615.3	7379.3	7156.5	6822.3	6396.3	6029.3
-40°	6573.2	6612.6	6586.3	6540.5	6442.2	6363.5	6206.2	6009.6	5740.9	5373.9	5065.9
-42.5°	5564.0	5590.2	5557.4	5518.1	5432.9	5373.9	5249.4	5085.6	4862.8	4581.0	4305.7
-45°	4764.5	4771.0	4738.2	4712.0	4646.5	4574.4	4469.5	4338.5	4161.5	3964.9	3742.1
-47.5°	4135.3	4128.8	4096.0	4069.8	4017.3	3951.8	3866.6	3748.6	3611.0	3460.3	3283.3
-50°	3584.8	3617.6	3604.5	3578.3	3538.9	3493.1	3407.9	3283.3	3145.7	3034.3	2909.8
-52.5°	3204.7	3211.3	3204.7	3204.7	3198.1	3165.4	3067.1	2942.6	2791.8	2693.5	2588.7
-55°	2850.8	2883.6	2896.7	2909.8	2916.3	2916.3	2798.4	2667.3	2523.1	2424.8	2346.2
-57.5°	2562.4	2582.1	2595.2	2628.0	2654.2	2673.9	2569.0	2451.0	2339.6	2247.9	2175.8
-60°	2313.4	2339.6	2359.3	2392.1	2411.7	2424.8	2359.3	2280.6	2215.1	2156.1	2051.3
-62.5°	2090.6	2110.3	2129.9	2149.6	2169.2	2182.3	2156.1	2116.8	2084.0	2057.8	1926.8
-65°	1867.8	1887.4	1907.1	1933.3	1953.0	1966.1	1959.5	1933.3	1907.1	1880.9	1762.9
-67.5°	1664.6	1684.3	1710.5	1717.0	1730.1	1736.7	1723.6	1703.9	1671.2	1638.4	1546.6
-70°	1448.3	1461.4	1474.6	1474.6	1474.6	1468.0	1454.9	1428.7	1395.9	1350.0	1277.9
-72.5°	1251.7	1264.8	1277.9	1258.3	1245.2	1225.5	1205.9	1173.1	1140.3	1107.6	1068.2
-75°	1068.2	1074.8	1074.8	1048.6	1028.9	1009.3	983.0	963.4	930.6	904.4	871.6
-77.5°	852.0	852.0	852.0	832.3	819.2	806.1	786.4	766.8	740.6	720.9	694.7
-80°	661.9	661.9	661.9	655.4	635.7	622.6	609.5	596.4	576.7	563.6	550.5
-82.5°	504.6	504.6	504.6	498.1	485.0	478.4	465.3	452.2	445.6	432.5	426.0
-85°	367.0	373.6	373.6	367.0	360.4	347.3	340.8	334.2	327.7	321.1	308.0
-87.5°	249.0	249.0	249.0	242.5	235.9	235.9	229.4	216.3	203.2	196.6	190.1
-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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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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	19.7	19.7	19.7	26.2	26.2	26.2	26.2	26.2	26.2	26.2	19.7
82.5°	32.8	32.8	39.3	39.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9
80°	32.8	39.3	45.9	52.4	59.0	65.5	65.5	65.5	65.5	59.0	59.0
77.5°	39.3	39.3	45.9	52.4	59.0	65.5	72.1	78.6	72.1	72.1	72.1
75°	39.3	45.9	45.9	52.4	59.0	65.5	72.1	78.6	78.6	78.6	78.6
72.5°	32.8	39.3	45.9	52.4	52.4	59.0	65.5	65.5	72.1	72.1	78.6
70°	32.8	39.3	45.9	45.9	52.4	52.4	59.0	65.5	65.5	72.1	72.1
67.5°	39.3	45.9	45.9	52.4	59.0	59.0	59.0	65.5	65.5	72.1	72.1
65°	45.9	52.4	52.4	59.0	65.5	65.5	72.1	72.1	72.1	78.6	78.6
62.5°	78.6	78.6	78.6	72.1	78.6	78.6	78.6	85.2	85.2	78.6	85.2
60°	406.3	294.9	203.2	255.6	229.4	104.9	104.9	104.9	98.3	98.3	91.8
57.5°	956.8	891.3	766.8	648.8	583.3	517.7	321.1	131.1	131.1	118.0	104.9
55°	1599.1	1382.8	1291.1	1133.8	963.4	884.7	734.0	498.1	235.9	157.3	137.6
52.5°	2477.3	2274.1	2038.2	1717.0	1487.7	1304.2	1179.6	937.2	629.1	334.2	209.7
50°	3316.1	3224.4	3080.2	2765.6	2287.2	1979.2	1776.0	1500.8	1127.2	688.1	393.2
47.5°	5341.2	4574.4	4109.1	3866.6	3466.8	2883.6	2490.4	2182.3	1730.1	1160.0	694.7
45°	6724.0	6239.0	5498.5	4987.3	4397.5	3781.4	3270.2	2916.3	2378.9	1736.7	1087.9
42.5°	7910.2	7490.7	6822.3	6075.2	5452.6	4646.5	3991.1	3525.8	3073.6	2372.4	1625.3
40°	9437.2	8939.1	8296.8	7569.4	6841.9	5813.0	4751.3	4187.7	3689.7	3067.1	2195.4
37.5°	11953.7	11075.5	10027.0	9220.9	8270.6	7399.0	5944.1	4948.0	4358.1	3709.3	2863.9
35°	14981.5	14018.1	12268.3	11200.1	9928.7	8631.1	7320.3	5845.8	5006.9	4318.8	3480.0
32.5°	17799.5	16390.5	14149.2	12897.4	12052.0	9660.0	8303.4	7025.4	5675.4	4830.0	3833.8
30°	18579.4	17026.2	15420.6	13959.1	12517.3	10584.0	8978.4	7982.3	6514.3	5138.0	4168.1
27.5°	17793.0	16724.7	15479.6	14123.0	12563.2	10905.2	9391.3	8441.0	7130.3	5347.7	4430.2
25°	16993.4	15879.3	15007.7	13873.9	12432.1	10885.5	9404.4	8729.4	7608.7	5754.0	4574.4
22.5°	16148.0	15453.3	14732.4	13467.6	12104.5	10944.5	9830.4	8978.4	7857.7	6212.8	4633.4
20°	16193.9	15741.7	14948.7	13257.9	12045.5	11291.8	10341.5	9293.0	8126.4	6612.6	4679.3
17.5°	16927.9	16338.1	15341.9	13873.9	12576.3	11645.7	10767.5	9725.5	8401.7	6966.5	5236.3
15°	17832.3	16934.4	15892.4	14601.4	13133.4	12032.4	11095.2	10027.0	8716.3	7294.1	5734.4
12.5°	18487.6	17209.7	16233.2	15066.7	13736.3	12451.8	11311.5	10256.4	9011.2	7562.8	6107.9
10°	18710.5	17550.5	16397.1	15355.0	14044.3	12674.6	11475.3	10400.5	9266.8	7772.5	6383.2
7.5°	18828.4	17845.4	16508.5	15486.1	14227.8	12812.2	11606.4	10479.2	9469.9	7916.7	6560.1
5°	18815.3	18002.7	16593.7	15525.4	14326.1	12871.2	11698.1	10498.8	9614.1	8041.2	6665.0
2.5°	18756.3	18107.5	16731.3	15591.0	14522.7	12982.6	11875.1	10538.2	9666.5	8178.9	6737.1
0°	18972.6	18114.1	16875.5	15610.6	14653.8	13022.0	11953.7	10505.4	9594.4	8218.2	6730.5
-2.5°	18507.3	17727.4	16842.7	15440.2	14476.9	12930.2	11809.5	10400.5	9437.2	8172.3	6704.3
-5°	18428.7	17445.6	16567.4	15282.9	14181.9	12740.2	11540.9	10203.9	9188.1	8021.6	6599.5
-7.5°	18218.9	17176.9	16298.8	15158.4	13906.7	12543.6	11285.3	10000.8	8919.4	7785.7	6448.7
-10°	17760.2	16764.1	16010.4	14889.7	13572.5	12261.7	10977.2	9732.1	8604.8	7464.5	6212.8
-12.5°	17104.8	16108.7	15361.6	14319.6	13153.0	11881.6	10610.2	9384.7	8244.4	7123.7	5931.0
-15°	16364.3	15355.0	14607.9	13657.7	12530.4	11291.8	10144.9	8945.6	7831.5	6763.3	5596.8
-17.5°	15525.4	14568.6	13847.7	12923.7	11803.0	10623.4	9483.0	8395.1	7353.1	6389.7	5210.1
-20°	14555.5	13624.9	12963.0	12038.9	11010.0	9863.1	8755.6	7726.7	6789.5	5885.1	4784.1

REPORT NUMBER: P722624

CATALOG NUMBER: IFLD-L-SA8C-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°	13356.2	12537.0	11783.3	10957.6	10059.7	9011.2	7982.3	7071.3	6173.5	5288.7	4345.0
-25°	12130.7	11337.7	10603.7	9850.0	8991.5	8087.1	7208.9	6383.2	5505.0	4705.5	3919.0
-27.5°	10767.5	10059.7	9404.4	8709.7	7923.3	7143.4	6422.5	5616.4	4856.2	4174.6	3499.6
-30°	9312.6	8735.9	8165.8	7549.7	6914.0	6258.7	5616.4	4856.2	4259.8	3715.9	3145.7
-32.5°	7916.7	7399.0	6940.2	6481.5	5931.0	5393.6	4823.4	4259.8	3761.8	3283.3	2804.9
-35°	6691.2	6140.7	5885.1	5518.1	5079.0	4594.1	4128.8	3735.5	3335.8	2903.2	2477.3
-37.5°	5629.5	5275.6	4974.2	4698.9	4351.6	3932.1	3597.9	3276.8	2942.6	2549.3	2182.3
-40°	4797.2	4541.6	4240.2	4037.0	3755.2	3453.7	3119.5	2850.8	2569.0	2247.9	1946.4
-42.5°	4128.8	3919.0	3722.4	3506.2	3296.5	3040.9	2752.5	2496.9	2241.3	2005.4	1756.4
-45°	3578.3	3427.5	3270.2	3093.3	2909.8	2687.0	2451.0	2188.9	2005.4	1795.7	1586.0
-47.5°	3126.1	3014.6	2883.6	2745.9	2588.7	2392.1	2175.8	1985.7	1795.7	1618.7	1415.6
-50°	2765.6	2660.8	2555.9	2437.9	2300.3	2129.9	1966.1	1789.1	1612.2	1441.8	1251.7
-52.5°	2464.1	2372.4	2287.2	2188.9	2057.8	1913.6	1762.9	1605.6	1441.8	1271.4	1120.7
-55°	2254.4	2149.6	2064.4	1966.1	1848.1	1710.5	1572.9	1428.7	1271.4	1140.3	1015.8
-57.5°	2084.0	1966.1	1867.8	1762.9	1644.9	1527.0	1402.5	1271.4	1153.4	1028.9	910.9
-60°	1939.9	1802.2	1690.8	1586.0	1474.6	1363.1	1258.3	1146.9	1035.5	924.1	806.1
-62.5°	1789.1	1644.9	1507.3	1409.0	1323.8	1225.5	1133.8	1028.9	930.6	819.2	734.0
-65°	1618.7	1481.1	1350.0	1264.8	1186.2	1101.0	1015.8	924.1	838.9	753.7	675.0
-67.5°	1428.7	1310.7	1219.0	1140.3	1061.7	989.6	910.9	832.3	760.2	675.0	596.4
-70°	1199.3	1133.8	1081.3	1022.4	950.3	884.7	812.6	740.6	661.9	589.8	517.7
-72.5°	1022.4	983.0	943.7	884.7	819.2	760.2	701.2	635.7	570.2	504.6	445.6
-75°	838.9	806.1	773.3	734.0	681.6	635.7	583.3	524.3	471.9	426.0	380.1
-77.5°	675.0	648.8	629.1	596.4	557.1	517.7	485.0	445.6	406.3	360.4	314.6
-80°	537.4	524.3	517.7	504.6	471.9	439.1	412.9	380.1	340.8	308.0	275.3
-82.5°	419.4	419.4	412.9	406.3	380.1	353.9	334.2	308.0	281.8	255.6	222.8
-85°	308.0	301.5	301.5	294.9	275.3	262.1	242.5	229.4	209.7	183.5	170.4
-87.5°	183.5	176.9	170.4	163.8	150.7	144.2	131.1	124.5	111.4	98.3	91.8
-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-L-SA8C-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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0
85°	19.7	13.1	13.1	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6
82.5°	39.3	39.3	32.8	32.8	26.2	19.7	13.1	13.1	13.1	6.6	6.6
80°	59.0	59.0	59.0	52.4	45.9	32.8	26.2	19.7	13.1	6.6	6.6
77.5°	72.1	65.5	65.5	59.0	59.0	52.4	39.3	32.8	19.7	13.1	6.6
75°	72.1	72.1	72.1	65.5	65.5	59.0	52.4	39.3	32.8	19.7	13.1
72.5°	78.6	72.1	72.1	72.1	65.5	59.0	52.4	45.9	39.3	26.2	13.1
70°	72.1	72.1	72.1	72.1	65.5	65.5	52.4	45.9	45.9	26.2	19.7
67.5°	72.1	72.1	72.1	65.5	65.5	59.0	52.4	45.9	45.9	32.8	19.7
65°	78.6	72.1	72.1	72.1	65.5	59.0	52.4	45.9	45.9	39.3	26.2
62.5°	85.2	78.6	78.6	72.1	65.5	59.0	52.4	45.9	45.9	39.3	26.2
60°	91.8	85.2	78.6	78.6	72.1	65.5	52.4	52.4	45.9	39.3	26.2
57.5°	98.3	91.8	91.8	85.2	78.6	72.1	59.0	52.4	45.9	39.3	32.8
55°	118.0	104.9	98.3	98.3	91.8	78.6	65.5	52.4	45.9	39.3	32.8
52.5°	157.3	124.5	111.4	111.4	104.9	91.8	72.1	59.0	45.9	39.3	32.8
50°	249.0	157.3	131.1	118.0	118.0	104.9	85.2	65.5	45.9	39.3	32.8
47.5°	393.2	262.1	157.3	137.6	131.1	124.5	98.3	65.5	52.4	39.3	32.8
45°	648.8	386.7	255.6	163.8	137.6	131.1	111.4	72.1	52.4	45.9	32.8
42.5°	891.3	602.9	393.2	196.6	163.8	144.2	118.0	78.6	59.0	45.9	32.8
40°	1402.5	825.8	550.5	321.1	190.1	150.7	131.1	91.8	59.0	45.9	32.8
37.5°	1900.5	1094.4	740.6	471.9	216.3	170.4	137.6	98.3	65.5	45.9	39.3
35°	2398.6	1533.5	917.5	629.1	288.4	203.2	144.2	104.9	65.5	45.9	39.3
32.5°	2844.3	1946.4	1101.0	786.4	432.5	242.5	157.3	111.4	72.1	52.4	39.3
30°	3211.3	2326.5	1428.7	924.1	563.6	294.9	170.4	111.4	78.6	52.4	39.3
27.5°	3486.5	2621.4	1762.9	1068.2	675.0	347.3	196.6	124.5	78.6	52.4	39.3
25°	3709.3	2850.8	2057.8	1219.0	773.3	432.5	235.9	131.1	85.2	59.0	39.3
22.5°	3886.3	3040.9	2300.3	1422.1	891.3	517.7	288.4	144.2	85.2	59.0	39.3
20°	4128.8	3230.9	2464.1	1638.4	1015.8	596.4	334.2	157.3	85.2	59.0	45.9
17.5°	4338.5	3421.0	2595.2	1821.9	1140.3	655.4	386.7	170.4	91.8	59.0	45.9
15°	4581.0	3604.5	2713.2	1966.1	1258.3	707.8	432.5	183.5	91.8	65.5	45.9
12.5°	4843.1	3774.9	2798.4	2084.0	1382.8	753.7	471.9	209.7	98.3	65.5	45.9
10°	5111.8	3919.0	2870.5	2169.2	1474.6	799.5	498.1	235.9	104.9	65.5	45.9
7.5°	5380.5	4050.1	2962.2	2208.6	1513.9	852.0	511.2	262.1	104.9	72.1	45.9
5°	5564.0	4135.3	3093.3	2234.8	1533.5	910.9	530.8	294.9	111.4	72.1	45.9
2.5°	5721.3	4187.7	3230.9	2254.4	1540.1	943.7	524.3	314.6	118.0	72.1	45.9
0°	5793.4	4187.7	3322.7	2241.3	1520.4	976.5	524.3	334.2	118.0	72.1	45.9
-2.5°	5682.0	4305.7	3296.5	2247.9	1527.0	976.5	550.5	340.8	131.1	78.6	45.9
-5°	5505.0	4351.6	3217.8	2215.1	1513.9	976.5	583.3	347.3	137.6	78.6	52.4
-7.5°	5334.6	4371.2	3126.1	2182.3	1494.2	950.3	589.8	340.8	150.7	85.2	52.4
-10°	5111.8	4155.0	3008.1	2123.4	1454.9	930.6	602.9	340.8	157.3	85.2	52.4
-12.5°	4856.2	3892.8	2863.9	2038.2	1409.0	910.9	609.5	340.8	163.8	91.8	52.4
-15°	4561.3	3624.1	2700.1	1946.4	1343.5	884.7	596.4	334.2	170.4	91.8	59.0
-17.5°	4227.1	3362.0	2529.7	1835.0	1271.4	852.0	570.2	327.7	170.4	91.8	59.0
-20°	3847.0	3099.8	2339.6	1723.6	1186.2	812.6	543.9	314.6	170.4	91.8	59.0

REPORT NUMBER: P722624

CATALOG NUMBER: IFLD-L-SA8C-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°	3506.2	2857.4	2143.0	1599.1	1094.4	766.8	511.2	301.5	170.4	98.3	59.0
-25°	3224.4	2621.4	1992.3	1474.6	996.1	714.3	478.4	288.4	170.4	98.3	59.0
-27.5°	2929.4	2365.8	1835.0	1356.6	930.6	668.5	445.6	275.3	163.8	98.3	59.0
-30°	2628.0	2116.8	1671.2	1225.5	865.1	622.6	419.4	255.6	163.8	98.3	59.0
-32.5°	2352.7	1913.6	1520.4	1094.4	793.0	576.7	393.2	249.0	157.3	98.3	59.0
-35°	2084.0	1730.1	1363.1	989.6	714.3	530.8	367.0	242.5	157.3	98.3	59.0
-37.5°	1861.2	1559.8	1219.0	917.5	668.5	491.5	340.8	229.4	150.7	98.3	59.0
-40°	1677.7	1402.5	1081.3	838.9	629.1	452.2	314.6	222.8	150.7	98.3	59.0
-42.5°	1507.3	1251.7	996.1	773.3	589.8	426.0	294.9	216.3	144.2	98.3	59.0
-45°	1356.6	1120.7	910.9	714.3	543.9	393.2	281.8	203.2	137.6	98.3	65.5
-47.5°	1205.9	1028.9	832.3	661.9	498.1	353.9	268.7	196.6	131.1	91.8	65.5
-50°	1087.9	930.6	766.8	602.9	452.2	340.8	255.6	183.5	131.1	91.8	65.5
-52.5°	983.0	838.9	694.7	543.9	412.9	321.1	242.5	170.4	124.5	91.8	65.5
-55°	884.7	753.7	622.6	485.0	386.7	301.5	222.8	157.3	124.5	91.8	65.5
-57.5°	786.4	675.0	550.5	439.1	353.9	281.8	209.7	157.3	124.5	91.8	65.5
-60°	707.8	602.9	498.1	406.3	327.7	255.6	190.1	150.7	118.0	91.8	65.5
-62.5°	642.3	543.9	452.2	367.0	301.5	229.4	183.5	150.7	118.0	91.8	59.0
-65°	576.7	491.5	406.3	334.2	268.7	216.3	176.9	144.2	118.0	91.8	59.0
-67.5°	511.2	432.5	367.0	294.9	249.0	209.7	170.4	144.2	111.4	85.2	59.0
-70°	445.6	380.1	321.1	275.3	235.9	196.6	163.8	137.6	111.4	78.6	52.4
-72.5°	393.2	334.2	288.4	255.6	222.8	190.1	157.3	131.1	104.9	72.1	45.9
-75°	334.2	294.9	262.1	229.4	203.2	176.9	150.7	118.0	91.8	65.5	45.9
-77.5°	281.8	255.6	229.4	209.7	183.5	157.3	131.1	104.9	85.2	59.0	39.3
-80°	242.5	222.8	203.2	183.5	163.8	137.6	118.0	91.8	72.1	52.4	32.8
-82.5°	196.6	183.5	163.8	150.7	137.6	118.0	98.3	78.6	52.4	39.3	26.2
-85°	150.7	137.6	131.1	118.0	104.9	85.2	65.5	52.4	39.3	26.2	13.1
-87.5°	78.6	72.1	65.5	59.0	52.4	39.3	32.8	26.2	19.7	13.1	6.6
-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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CATALOG NUMBER: IFLD-L-SA8C-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°	6.6	0.0	0.0	0.0
77.5°	6.6	0.0	0.0	0.0
75°	6.6	6.6	0.0	0.0
72.5°	6.6	6.6	0.0	0.0
70°	6.6	6.6	0.0	0.0
67.5°	13.1	6.6	0.0	0.0
65°	13.1	6.6	0.0	0.0
62.5°	13.1	6.6	0.0	0.0
60°	13.1	6.6	0.0	0.0
57.5°	19.7	6.6	6.6	0.0
55°	19.7	6.6	6.6	0.0
52.5°	19.7	6.6	6.6	0.0
50°	19.7	13.1	6.6	0.0
47.5°	19.7	13.1	6.6	0.0
45°	19.7	13.1	6.6	0.0
42.5°	19.7	13.1	6.6	0.0
40°	26.2	13.1	6.6	0.0
37.5°	26.2	13.1	6.6	0.0
35°	26.2	13.1	6.6	0.0
32.5°	26.2	13.1	6.6	0.0
30°	26.2	13.1	6.6	0.0
27.5°	26.2	19.7	6.6	0.0
25°	26.2	19.7	6.6	0.0
22.5°	32.8	19.7	6.6	0.0
20°	32.8	19.7	6.6	0.0
17.5°	32.8	19.7	6.6	0.0
15°	32.8	19.7	6.6	0.0
12.5°	32.8	19.7	6.6	0.0
10°	32.8	19.7	6.6	0.0
7.5°	32.8	19.7	6.6	0.0
5°	32.8	19.7	6.6	0.0
2.5°	32.8	19.7	6.6	0.0
0°	32.8	19.7	6.6	0.0
-2.5°	32.8	19.7	6.6	0.0
-5°	32.8	19.7	6.6	0.0
-7.5°	32.8	19.7	6.6	0.0
-10°	32.8	19.7	6.6	0.0
-12.5°	39.3	19.7	6.6	0.0
-15°	39.3	19.7	6.6	0.0
-17.5°	39.3	19.7	6.6	0.0
-20°	39.3	19.7	6.6	0.0

REPORT NUMBER: P722624

CATALOG NUMBER: IFLD-L-SA8C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	39.3	19.7	6.6	0.0
-25°	39.3	19.7	6.6	0.0
-27.5°	39.3	19.7	6.6	0.0
-30°	39.3	19.7	6.6	0.0
-32.5°	39.3	19.7	6.6	0.0
-35°	39.3	19.7	6.6	0.0
-37.5°	39.3	19.7	6.6	0.0
-40°	39.3	19.7	6.6	0.0
-42.5°	32.8	19.7	6.6	0.0
-45°	39.3	19.7	6.6	0.0
-47.5°	39.3	19.7	6.6	0.0
-50°	39.3	19.7	6.6	0.0
-52.5°	39.3	19.7	6.6	0.0
-55°	39.3	19.7	6.6	0.0
-57.5°	39.3	19.7	6.6	0.0
-60°	39.3	19.7	6.6	0.0
-62.5°	32.8	19.7	6.6	0.0
-65°	32.8	13.1	6.6	0.0
-67.5°	32.8	13.1	6.6	0.0
-70°	32.8	13.1	6.6	0.0
-72.5°	26.2	13.1	6.6	0.0
-75°	26.2	13.1	6.6	0.0
-77.5°	19.7	6.6	0.0	0.0
-80°	19.7	6.6	0.0	0.0
-82.5°	13.1	6.6	0.0	0.0
-85°	6.6	6.6	0.0	0.0
-87.5°	6.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)