

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: P722422

Luminaire Tested: **IFLD-L-SA8D-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722422
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	47672.1 lumens	Max Intensity:	33280.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.6 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:	30412.7 lumens	Field Lumens:	44944.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

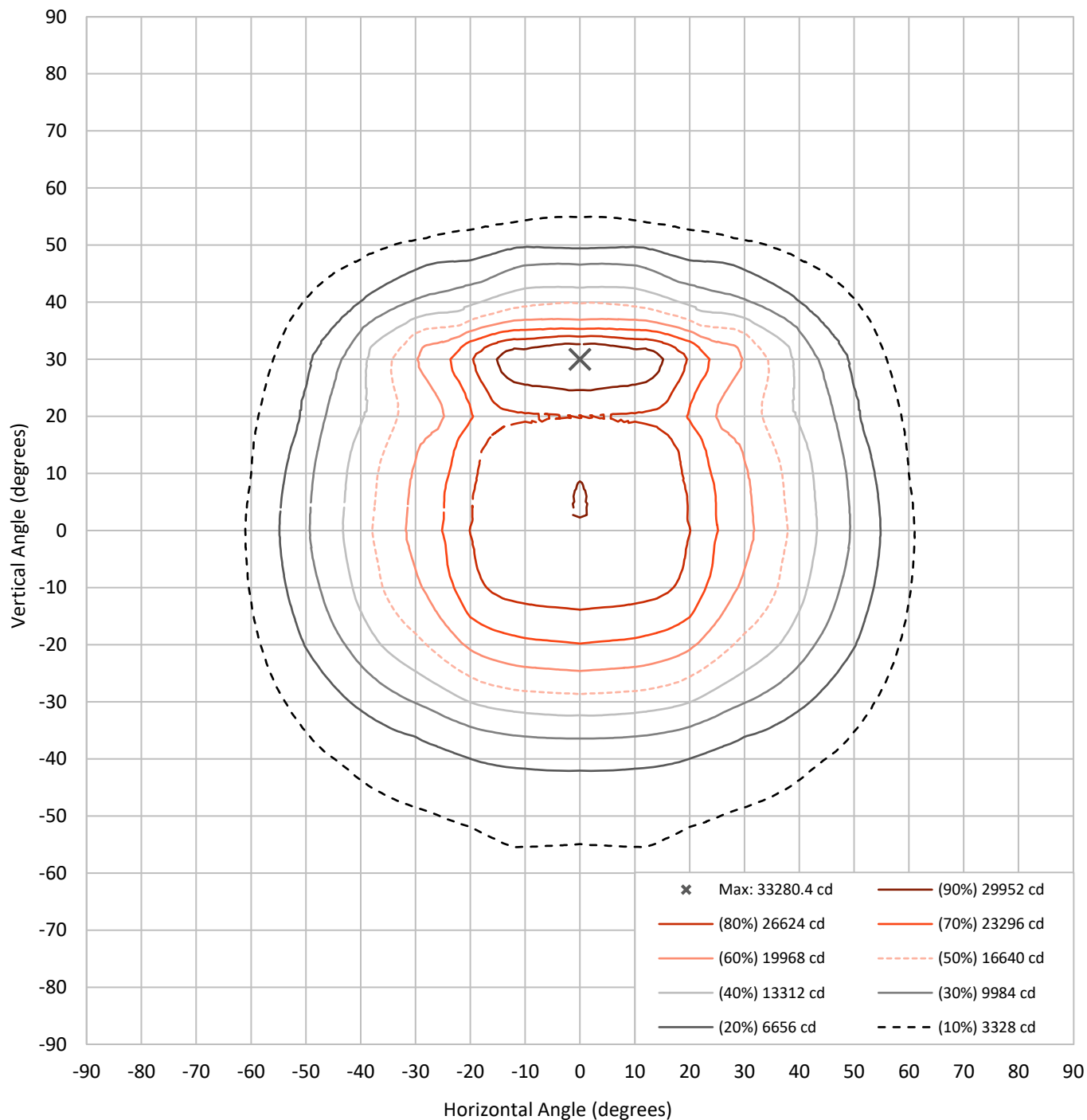
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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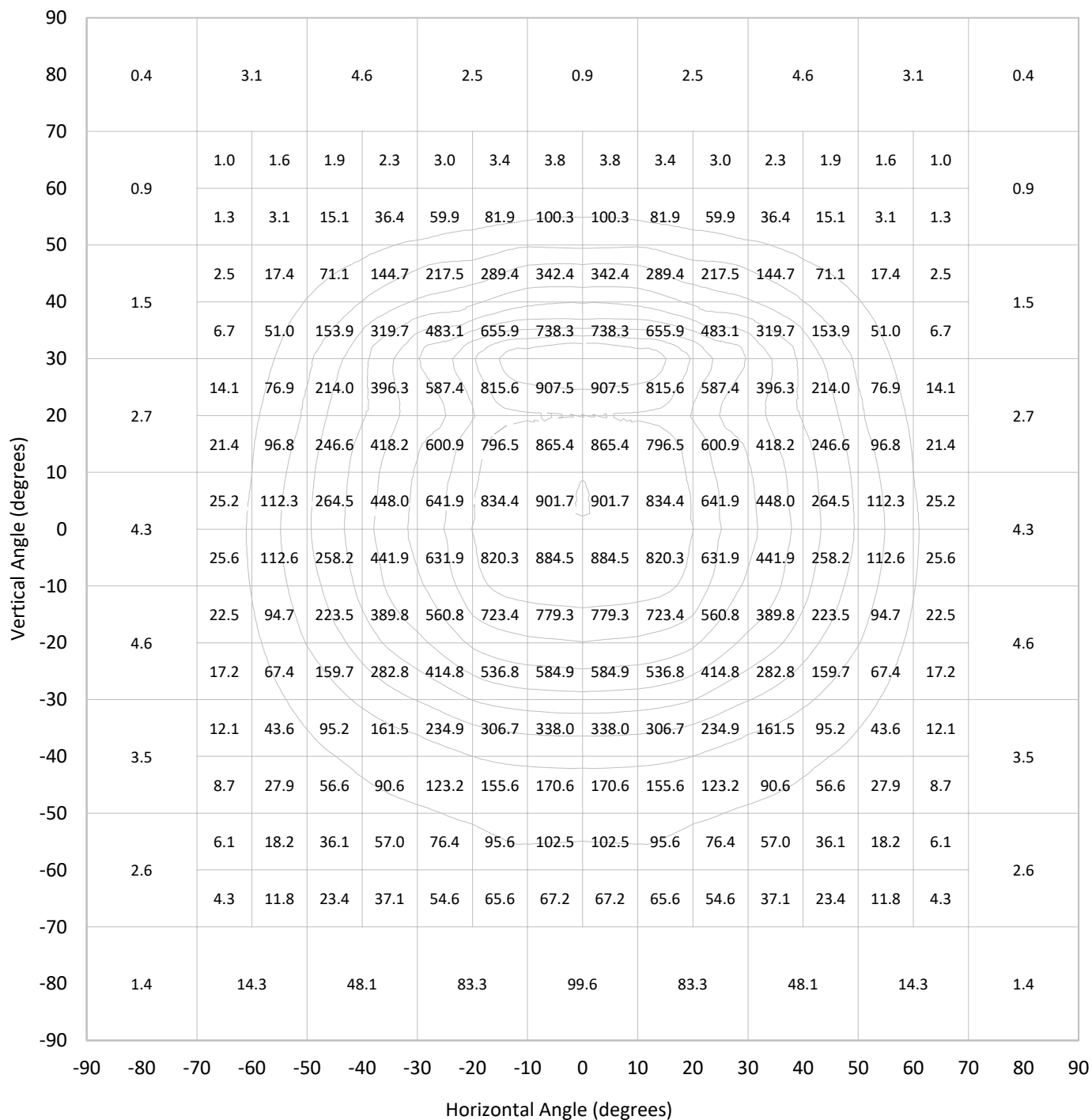
Iso-Candela Plot



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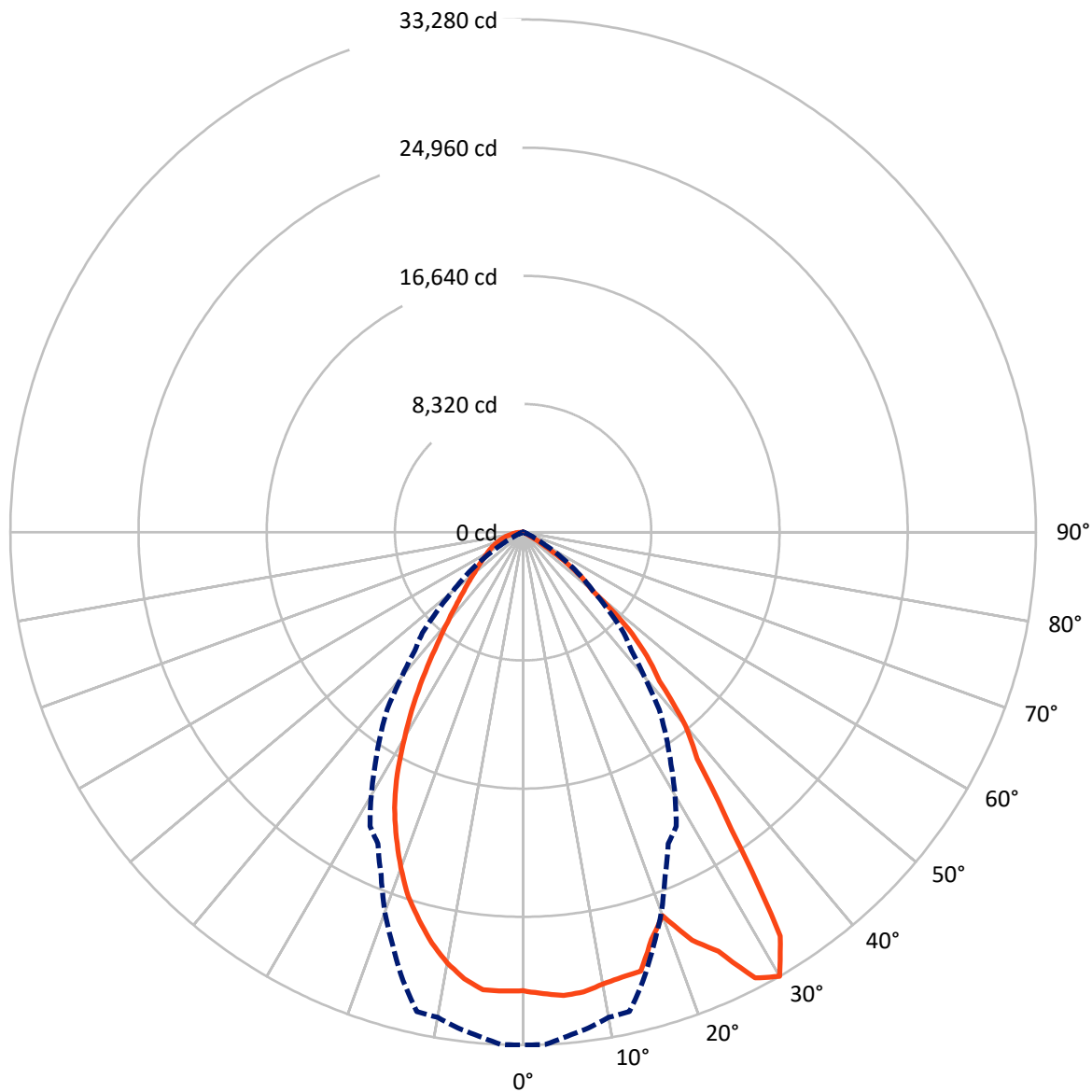
Lumen Table



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Luminous Intensity Polar Plot



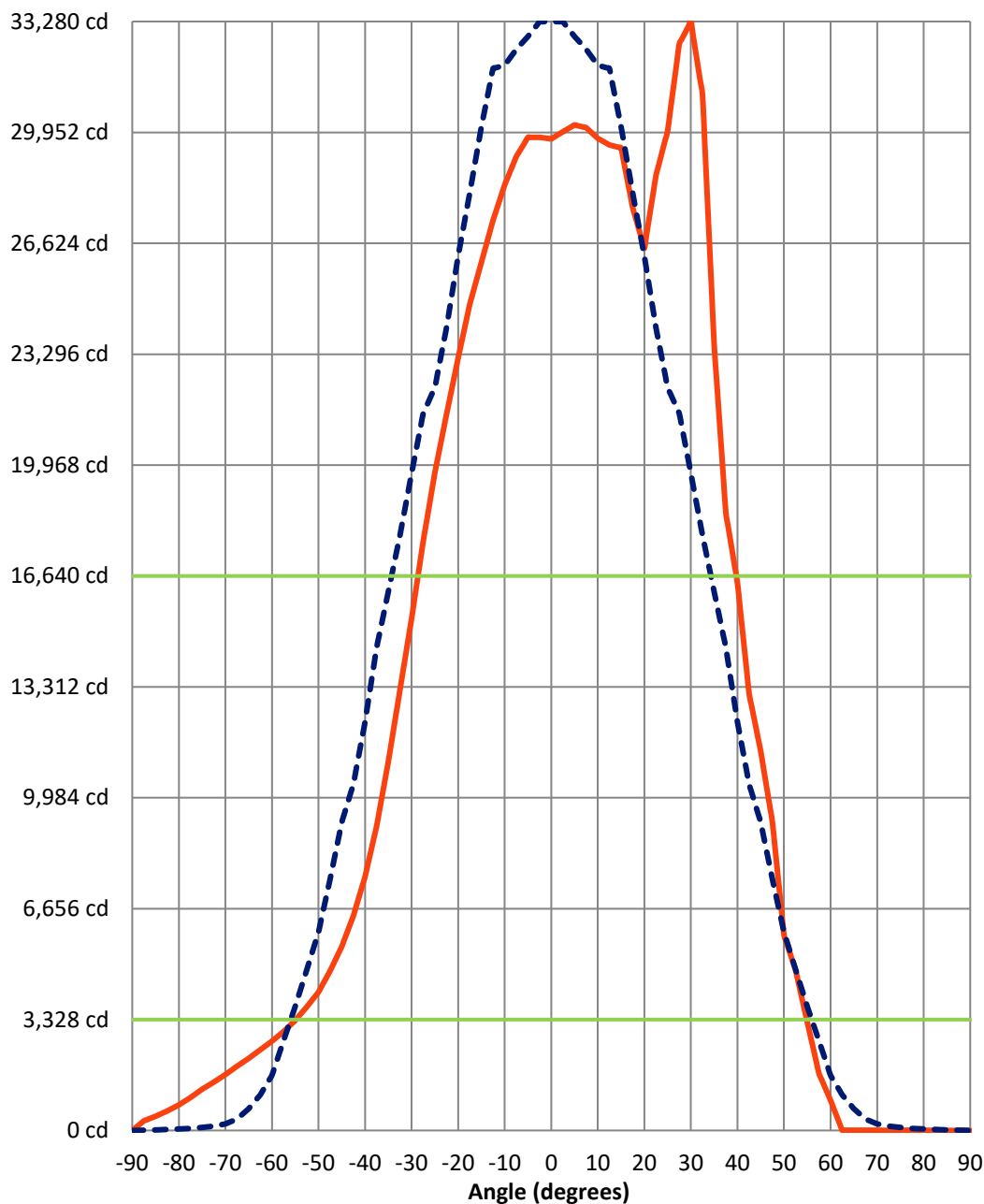
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 30412.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 44944.1

Efficiency: 94.3%

Spill:

Lumens: 2728

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	7.6	7.6	7.6	7.6	7.6	7.6	7.6
85°	0.0	7.6	7.6	7.6	15.2	15.2	15.2	15.2	15.2	15.2	22.8
82.5°	0.0	7.6	7.6	7.6	15.2	15.2	15.2	15.2	22.8	22.8	30.4
80°	7.6	7.6	7.6	7.6	15.2	15.2	15.2	22.8	22.8	30.4	30.4
77.5°	7.6	7.6	7.6	15.2	15.2	15.2	22.8	22.8	30.4	30.4	37.9
75°	7.6	7.6	7.6	15.2	15.2	22.8	22.8	22.8	30.4	30.4	37.9
72.5°	0.0	7.6	7.6	15.2	15.2	22.8	22.8	22.8	30.4	30.4	30.4
70°	7.6	7.6	7.6	15.2	15.2	22.8	22.8	22.8	30.4	30.4	30.4
67.5°	7.6	7.6	7.6	15.2	15.2	22.8	22.8	30.4	30.4	30.4	37.9
65°	7.6	7.6	7.6	15.2	22.8	22.8	30.4	37.9	37.9	45.5	53.1
62.5°	7.6	15.2	15.2	22.8	30.4	37.9	83.5	129.0	129.0	91.1	75.9
60°	903.2	979.1	971.5	880.4	766.6	645.1	622.3	599.6	554.0	485.7	508.5
57.5°	1715.3	1806.3	1844.3	1821.5	1760.8	1654.5	1593.8	1525.5	1434.4	1328.2	1206.7
55°	3248.4	3286.3	3202.8	3043.4	2868.9	2694.3	2633.6	2542.5	2405.9	2269.3	2087.1
52.5°	4804.2	4933.2	4895.3	4735.9	4500.6	4189.5	3847.9	3582.3	3422.9	3271.1	3089.0
50°	5866.8	5919.9	6026.1	6215.9	6284.2	6071.7	5517.6	4804.2	4295.7	4553.8	4356.4
47.5°	9259.3	9525.0	9471.8	9335.2	9107.5	8530.7	7756.6	7119.1	6587.8	6413.2	6443.6
45°	11376.8	11483.1	11445.1	11384.4	11278.2	10739.3	9881.7	8902.6	8409.3	8212.0	8007.0
42.5°	13114.8	13228.7	13251.5	13259.0	13145.2	12651.9	11877.7	10898.7	10405.4	9836.1	9388.3
40°	16431.5	16598.5	16408.7	16158.3	15778.8	15217.2	14458.2	13555.0	12682.2	11984.0	11452.7
37.5°	18549.0	18753.9	18829.8	18814.6	18731.2	18488.3	17554.8	16697.1	15361.4	13797.9	14078.7
35°	23573.3	23785.8	23725.1	23497.4	23376.0	23117.9	22207.2	21190.2	19512.9	17812.8	17357.4
32.5°	31064.3	31527.2	30662.0	29713.3	29128.9	29333.8	28407.9	25918.5	25144.4	22078.2	20658.9
30°	33280.4	33272.8	32832.6	32445.6	31967.4	31868.8	30123.2	28134.7	26237.3	24089.4	22298.3
27.5°	32605.0	32468.3	32096.5	31815.6	31367.9	31132.6	29424.9	27846.3	25652.9	23732.7	22002.3
25°	30001.7	30108.0	29728.5	29675.4	29500.8	29045.4	28195.4	26419.4	24461.3	22336.2	21091.5
22.5°	28658.4	28620.4	28165.0	27899.4	28111.9	27626.2	27284.6	25493.5	23451.9	21660.7	20165.6
20°	26472.6	26480.1	26366.3	26343.5	26214.5	25994.4	25721.2	24453.7	23011.7	21478.6	19679.9
17.5°	27694.5	28005.7	28142.3	27011.4	27330.2	27079.7	26791.3	25022.9	23937.6	22579.1	20233.9
15°	29485.6	29371.8	29235.2	29174.5	28999.9	28764.6	28240.9	26829.3	24962.2	23558.1	21729.0
12.5°	29576.7	29356.6	29303.5	29295.9	29113.7	28787.4	28278.9	27110.1	25455.5	23747.9	22260.3
10°	29774.0	29546.3	29516.0	29553.9	29273.1	29068.2	28559.7	27474.4	25607.3	24074.2	22670.2
7.5°	30092.8	29713.3	29887.9	29774.0	29645.0	29318.7	28772.2	27709.7	26161.4	24506.8	23034.5
5°	30176.3	29758.9	29948.6	29842.3	29652.6	29333.8	28741.8	27861.5	26502.9	24681.4	23178.7
2.5°	29971.4	29849.9	29766.4	29569.1	29485.6	29136.5	28574.9	27633.8	26343.5	24605.5	23148.3
0°	29758.9	29865.1	29675.4	29478.0	29440.1	29159.3	28681.1	27831.1	26715.4	24818.0	23406.4
-2.5°	29804.4	29720.9	29591.9	29387.0	29189.6	28787.4	28354.8	27557.9	26358.7	24355.1	23042.1
-5°	29804.4	29417.3	29432.5	29440.1	29242.8	28825.3	28301.7	27626.2	26146.2	24347.5	22935.8
-7.5°	29227.6	28893.6	28840.5	28795.0	28741.8	28354.8	27944.9	27102.5	25789.5	24150.1	22639.8
-10°	28377.5	28051.2	28081.6	28013.2	27846.3	27588.2	27277.1	26518.1	25440.4	23527.8	22040.2
-12.5°	27315.0	27170.8	27087.3	26973.5	26806.5	26578.8	26260.0	25546.6	24393.0	22761.2	21349.6
-15°	26055.1	25948.9	25873.0	25804.7	25561.8	25326.5	24909.1	24248.8	23527.8	21774.6	20332.6
-17.5°	24795.3	24529.6	24423.4	24332.3	24172.9	23793.4	23413.9	22920.6	21911.2	20522.3	19285.2
-20°	23178.7	23019.3	22890.3	22768.8	22541.1	22245.1	21934.0	21364.7	20491.9	19368.7	18086.0

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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°	21486.2	21395.1	21288.9	21137.1	20985.3	20704.5	20271.8	19725.4	19042.3	17828.0	16628.8
-25°	19740.6	19566.0	19437.0	19292.8	19171.4	18913.3	18495.9	17972.2	17114.6	16067.2	15065.4
-27.5°	17683.8	17516.8	17448.5	17281.5	17175.3	16940.0	16522.6	16036.8	15262.7	14382.3	13365.3
-30°	15361.4	15391.7	15315.8	15156.4	15027.4	14723.8	14405.1	13995.2	13388.1	12545.6	11634.9
-32.5°	13213.5	13251.5	13160.4	12993.4	12826.4	12606.3	12310.3	11938.5	11483.1	10678.6	9889.3
-35°	11065.6	11050.5	10974.6	10875.9	10762.1	10579.9	10246.0	9965.2	9441.5	8879.8	8333.4
-37.5°	9137.9	9175.8	9153.1	9099.9	8970.9	8819.1	8545.9	8287.9	7900.8	7407.5	6982.4
-40°	7612.4	7657.9	7627.6	7574.4	7460.6	7369.5	7187.4	6959.7	6648.5	6223.5	5866.8
-42.5°	6443.6	6473.9	6436.0	6390.5	6291.8	6223.5	6079.3	5889.5	5631.5	5305.1	4986.4
-45°	5517.6	5525.2	5487.3	5456.9	5381.0	5297.5	5176.1	5024.3	4819.4	4591.7	4333.7
-47.5°	4789.0	4781.5	4743.5	4713.1	4652.4	4576.5	4477.9	4341.3	4181.9	4007.3	3802.4
-50°	4151.5	4189.5	4174.3	4143.9	4098.4	4045.3	3946.6	3802.4	3643.0	3514.0	3369.8
-52.5°	3711.3	3718.9	3711.3	3711.3	3703.7	3665.8	3551.9	3407.7	3233.2	3119.3	2997.9
-55°	3301.5	3339.4	3354.6	3369.8	3377.4	3377.4	3240.8	3089.0	2922.0	2808.2	2717.1
-57.5°	2967.5	2990.3	3005.5	3043.4	3073.8	3096.6	2975.1	2838.5	2709.5	2603.2	2519.8
-60°	2679.1	2709.5	2732.3	2770.2	2793.0	2808.2	2732.3	2641.2	2565.3	2497.0	2375.5
-62.5°	2421.1	2443.9	2466.6	2489.4	2512.2	2527.3	2497.0	2451.4	2413.5	2383.1	2231.3
-65°	2163.0	2185.8	2208.6	2238.9	2261.7	2276.9	2269.3	2238.9	2208.6	2178.2	2041.6
-67.5°	1927.8	1950.5	1980.9	1988.5	2003.7	2011.2	1996.1	1973.3	1935.4	1897.4	1791.1
-70°	1677.3	1692.5	1707.7	1707.7	1707.7	1700.1	1684.9	1654.5	1616.6	1563.5	1480.0
-72.5°	1449.6	1464.8	1480.0	1457.2	1442.0	1419.3	1396.5	1358.5	1320.6	1282.6	1237.1
-75°	1237.1	1244.7	1244.7	1214.3	1191.6	1168.8	1138.4	1115.7	1077.7	1047.4	1009.4
-77.5°	986.6	986.6	986.6	963.9	948.7	933.5	910.8	888.0	857.6	834.9	804.5
-80°	766.6	766.6	766.6	759.0	736.2	721.0	705.8	690.7	667.9	652.7	637.5
-82.5°	584.4	584.4	584.4	576.8	561.6	554.0	538.9	523.7	516.1	500.9	493.3
-85°	425.0	432.6	432.6	425.0	417.4	402.2	394.7	387.1	379.5	371.9	356.7
-87.5°	288.4	288.4	288.4	280.8	273.2	273.2	265.6	250.5	235.3	227.7	220.1
-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°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
85°	22.8	22.8	22.8	30.4	30.4	30.4	30.4	30.4	30.4	30.4	22.8
82.5°	37.9	37.9	45.5	45.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1
80°	37.9	45.5	53.1	60.7	68.3	75.9	75.9	75.9	75.9	68.3	68.3
77.5°	45.5	45.5	53.1	60.7	68.3	75.9	83.5	91.1	83.5	83.5	83.5
75°	45.5	53.1	53.1	60.7	68.3	75.9	83.5	91.1	91.1	91.1	91.1
72.5°	37.9	45.5	53.1	60.7	60.7	68.3	75.9	75.9	83.5	83.5	91.1
70°	37.9	45.5	53.1	53.1	60.7	60.7	68.3	75.9	75.9	83.5	83.5
67.5°	45.5	53.1	53.1	60.7	68.3	68.3	68.3	75.9	75.9	83.5	83.5
65°	53.1	60.7	60.7	68.3	75.9	75.9	83.5	83.5	83.5	91.1	91.1
62.5°	91.1	91.1	91.1	83.5	91.1	91.1	91.1	98.7	98.7	91.1	98.7
60°	470.6	341.5	235.3	296.0	265.6	121.4	121.4	121.4	113.8	113.8	106.3
57.5°	1108.1	1032.2	888.0	751.4	675.5	599.6	371.9	151.8	151.8	136.6	121.4
55°	1851.9	1601.4	1495.2	1313.0	1115.7	1024.6	850.0	576.8	273.2	182.2	159.4
52.5°	2868.9	2633.6	2360.4	1988.5	1722.8	1510.3	1366.1	1085.3	728.6	387.1	242.9
50°	3840.3	3734.1	3567.1	3202.8	2648.8	2292.1	2056.8	1738.0	1305.4	796.9	455.4
47.5°	6185.5	5297.5	4758.7	4477.9	4014.9	3339.4	2884.1	2527.3	2003.7	1343.4	804.5
45°	7786.9	7225.3	6367.7	5775.7	5092.6	4379.2	3787.2	3377.4	2755.0	2011.2	1259.9
42.5°	9160.7	8674.9	7900.8	7035.6	6314.6	5381.0	4622.1	4083.2	3559.5	2747.4	1882.2
40°	10929.0	10352.2	9608.4	8766.0	7923.6	6732.0	5502.5	4849.8	4272.9	3551.9	2542.5
37.5°	13843.4	12826.4	11612.1	10678.6	9578.1	8568.7	6883.8	5730.2	5047.1	4295.7	3316.7
35°	17349.8	16234.2	14207.7	12970.6	11498.3	9995.5	8477.6	6769.9	5798.5	5001.6	4030.1
32.5°	20613.4	18981.6	16386.0	14936.3	13957.3	11187.1	9616.0	8136.1	6572.6	5593.5	4439.9
30°	21516.5	19717.8	17858.3	16165.9	14496.2	12257.2	10397.8	9244.1	7544.1	5950.3	4827.0
27.5°	20605.8	19368.7	17926.7	16355.6	14549.3	12629.1	10875.9	9775.4	8257.5	6193.1	5130.6
25°	19679.9	18389.6	17380.2	16067.2	14397.5	12606.3	10891.1	10109.4	8811.5	6663.7	5297.5
22.5°	18700.8	17896.3	17061.4	15596.6	14018.0	12674.6	11384.4	10397.8	9099.9	7194.9	5365.9
20°	18753.9	18230.2	17311.9	15353.8	13949.7	13076.9	11976.4	10762.1	9411.1	7657.9	5419.0
17.5°	19604.0	18920.9	17767.3	16067.2	14564.5	13486.7	12469.7	11263.0	9729.9	8067.8	6064.1
15°	20651.3	19611.5	18404.8	16909.6	15209.6	13934.5	12849.2	11612.1	10094.2	8447.2	6640.9
12.5°	21410.3	19930.3	18799.5	17448.5	15907.8	14420.3	13099.7	11877.7	10435.7	8758.4	7073.5
10°	21668.3	20325.0	18989.2	17782.5	16264.5	14678.3	13289.4	12044.7	10731.7	9001.3	7392.3
7.5°	21804.9	20666.5	19118.2	17934.2	16477.0	14837.7	13441.2	12135.8	10967.0	9168.2	7597.2
5°	21789.8	20848.7	19216.9	17979.8	16590.9	14906.0	13547.5	12158.6	11134.0	9312.4	7718.6
2.5°	21721.5	20970.1	19376.3	18055.7	16818.6	15035.0	13752.4	12204.1	11194.7	9471.8	7802.1
0°	21971.9	20977.7	19543.2	18078.4	16970.4	15080.6	13843.4	12166.1	11111.2	9517.4	7794.5
-2.5°	21433.1	20529.9	19505.3	17881.1	16765.4	14974.3	13676.5	12044.7	10929.0	9464.2	7764.2
-5°	21342.0	20203.5	19186.5	17699.0	16423.9	14754.2	13365.3	11817.0	10640.6	9289.7	7642.7
-7.5°	21099.1	19892.4	18875.4	17554.8	16105.1	14526.5	13069.3	11581.7	10329.5	9016.5	7468.2
-10°	20567.8	19414.2	18541.4	17243.6	15718.1	14200.2	12712.6	11270.6	9965.2	8644.6	7194.9
-12.5°	19808.9	18655.3	17790.0	16583.3	15232.3	13760.0	12287.6	10868.3	9547.7	8249.9	6868.6
-15°	18951.3	17782.5	16917.2	15816.7	14511.3	13076.9	11748.7	10359.8	9069.6	7832.5	6481.5
-17.5°	17979.8	16871.7	16036.8	14966.7	13668.9	12302.8	10982.2	9722.3	8515.5	7399.9	6033.7
-20°	16856.5	15778.8	15012.2	13942.1	12750.5	11422.4	10139.7	8948.1	7862.8	6815.5	5540.4

REPORT NUMBER: P722422

CATALOG NUMBER: IFLD-L-SA8D-727-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°	15467.6	14518.9	13646.1	12689.8	11650.0	10435.7	9244.1	8189.2	7149.4	6124.8	5031.9
-25°	14048.4	13130.0	12280.0	11407.2	10412.9	9365.6	8348.6	7392.3	6375.3	5449.3	4538.6
-27.5°	12469.7	11650.0	10891.1	10086.6	9175.8	8272.7	7437.8	6504.3	5623.9	4834.6	4052.9
-30°	10784.8	10116.9	9456.7	8743.2	8007.0	7248.1	6504.3	5623.9	4933.2	4303.3	3643.0
-32.5°	9168.2	8568.7	8037.4	7506.1	6868.6	6246.2	5586.0	4933.2	4356.4	3802.4	3248.4
-35°	7749.0	7111.5	6815.5	6390.5	5881.9	5320.3	4781.5	4326.1	3863.1	3362.2	2868.9
-37.5°	6519.5	6109.6	5760.5	5441.7	5039.5	4553.8	4166.7	3794.8	3407.7	2952.4	2527.3
-40°	5555.6	5259.6	4910.5	4675.2	4348.8	3999.7	3612.7	3301.5	2975.1	2603.2	2254.1
-42.5°	4781.5	4538.6	4310.9	4060.4	3817.6	3521.6	3187.6	2891.6	2595.6	2322.4	2034.0
-45°	4143.9	3969.4	3787.2	3582.3	3369.8	3111.7	2838.5	2534.9	2322.4	2079.6	1836.7
-47.5°	3620.2	3491.2	3339.4	3180.0	2997.9	2770.2	2519.8	2299.7	2079.6	1874.6	1639.4
-50°	3202.8	3081.4	2959.9	2823.3	2664.0	2466.6	2276.9	2072.0	1867.0	1669.7	1449.6
-52.5°	2853.7	2747.4	2648.8	2534.9	2383.1	2216.2	2041.6	1859.5	1669.7	1472.4	1297.8
-55°	2610.8	2489.4	2390.7	2276.9	2140.3	1980.9	1821.5	1654.5	1472.4	1320.6	1176.4
-57.5°	2413.5	2276.9	2163.0	2041.6	1905.0	1768.4	1624.2	1472.4	1335.8	1191.6	1055.0
-60°	2246.5	2087.1	1958.1	1836.7	1707.7	1578.6	1457.2	1328.2	1199.2	1070.1	933.5
-62.5°	2072.0	1905.0	1745.6	1631.8	1533.1	1419.3	1313.0	1191.6	1077.7	948.7	850.0
-65°	1874.6	1715.3	1563.5	1464.8	1373.7	1275.1	1176.4	1070.1	971.5	872.8	781.7
-67.5°	1654.5	1517.9	1411.7	1320.6	1229.5	1146.0	1055.0	963.9	880.4	781.7	690.7
-70°	1388.9	1313.0	1252.3	1184.0	1100.5	1024.6	941.1	857.6	766.6	683.1	599.6
-72.5°	1184.0	1138.4	1092.9	1024.6	948.7	880.4	812.1	736.2	660.3	584.4	516.1
-75°	971.5	933.5	895.6	850.0	789.3	736.2	675.5	607.2	546.5	493.3	440.2
-77.5°	781.7	751.4	728.6	690.7	645.1	599.6	561.6	516.1	470.6	417.4	364.3
-80°	622.3	607.2	599.6	584.4	546.5	508.5	478.1	440.2	394.7	356.7	318.8
-82.5°	485.7	485.7	478.1	470.6	440.2	409.8	387.1	356.7	326.4	296.0	258.0
-85°	356.7	349.1	349.1	341.5	318.8	303.6	280.8	265.6	242.9	212.5	197.3
-87.5°	212.5	204.9	197.3	189.7	174.6	167.0	151.8	144.2	129.0	113.8	106.3
-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-L-SA8D-727-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°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	0.0	0.0
85°	22.8	15.2	15.2	15.2	15.2	15.2	7.6	7.6	7.6	7.6	7.6
82.5°	45.5	45.5	37.9	37.9	30.4	22.8	15.2	15.2	15.2	7.6	7.6
80°	68.3	68.3	68.3	60.7	53.1	37.9	30.4	22.8	15.2	7.6	7.6
77.5°	83.5	75.9	75.9	68.3	68.3	60.7	45.5	37.9	22.8	15.2	7.6
75°	83.5	83.5	83.5	75.9	75.9	68.3	60.7	45.5	37.9	22.8	15.2
72.5°	91.1	83.5	83.5	83.5	75.9	68.3	60.7	53.1	45.5	30.4	15.2
70°	83.5	83.5	83.5	83.5	75.9	75.9	60.7	53.1	53.1	30.4	22.8
67.5°	83.5	83.5	83.5	75.9	75.9	68.3	60.7	53.1	53.1	37.9	22.8
65°	91.1	83.5	83.5	83.5	75.9	68.3	60.7	53.1	53.1	45.5	30.4
62.5°	98.7	91.1	91.1	83.5	75.9	68.3	60.7	53.1	53.1	45.5	30.4
60°	106.3	98.7	91.1	91.1	83.5	75.9	60.7	60.7	53.1	45.5	30.4
57.5°	113.8	106.3	106.3	98.7	91.1	83.5	68.3	60.7	53.1	45.5	37.9
55°	136.6	121.4	113.8	113.8	106.3	91.1	75.9	60.7	53.1	45.5	37.9
52.5°	182.2	144.2	129.0	129.0	121.4	106.3	83.5	68.3	53.1	45.5	37.9
50°	288.4	182.2	151.8	136.6	136.6	121.4	98.7	75.9	53.1	45.5	37.9
47.5°	455.4	303.6	182.2	159.4	151.8	144.2	113.8	75.9	60.7	45.5	37.9
45°	751.4	447.8	296.0	189.7	159.4	151.8	129.0	83.5	60.7	53.1	37.9
42.5°	1032.2	698.2	455.4	227.7	189.7	167.0	136.6	91.1	68.3	53.1	37.9
40°	1624.2	956.3	637.5	371.9	220.1	174.6	151.8	106.3	68.3	53.1	37.9
37.5°	2201.0	1267.5	857.6	546.5	250.5	197.3	159.4	113.8	75.9	53.1	45.5
35°	2777.8	1776.0	1062.5	728.6	333.9	235.3	167.0	121.4	75.9	53.1	45.5
32.5°	3293.9	2254.1	1275.1	910.8	500.9	280.8	182.2	129.0	83.5	60.7	45.5
30°	3718.9	2694.3	1654.5	1070.1	652.7	341.5	197.3	129.0	91.1	60.7	45.5
27.5°	4037.7	3035.8	2041.6	1237.1	781.7	402.2	227.7	144.2	91.1	60.7	45.5
25°	4295.7	3301.5	2383.1	1411.7	895.6	500.9	273.2	151.8	98.7	68.3	45.5
22.5°	4500.6	3521.6	2664.0	1646.9	1032.2	599.6	333.9	167.0	98.7	68.3	45.5
20°	4781.5	3741.7	2853.7	1897.4	1176.4	690.7	387.1	182.2	98.7	68.3	53.1
17.5°	5024.3	3961.8	3005.5	2109.9	1320.6	759.0	447.8	197.3	106.3	68.3	53.1
15°	5305.1	4174.3	3142.1	2276.9	1457.2	819.7	500.9	212.5	106.3	75.9	53.1
12.5°	5608.7	4371.6	3240.8	2413.5	1601.4	872.8	546.5	242.9	113.8	75.9	53.1
10°	5919.9	4538.6	3324.2	2512.2	1707.7	925.9	576.8	273.2	121.4	75.9	53.1
7.5°	6231.1	4690.4	3430.5	2557.7	1753.2	986.6	592.0	303.6	121.4	83.5	53.1
5°	6443.6	4789.0	3582.3	2588.1	1776.0	1055.0	614.8	341.5	129.0	83.5	53.1
2.5°	6625.7	4849.8	3741.7	2610.8	1783.6	1092.9	607.2	364.3	136.6	83.5	53.1
0°	6709.2	4849.8	3847.9	2595.6	1760.8	1130.9	607.2	387.1	136.6	83.5	53.1
-2.5°	6580.2	4986.4	3817.6	2603.2	1768.4	1130.9	637.5	394.7	151.8	91.1	53.1
-5°	6375.3	5039.5	3726.5	2565.3	1753.2	1130.9	675.5	402.2	159.4	91.1	60.7
-7.5°	6177.9	5062.3	3620.2	2527.3	1730.4	1100.5	683.1	394.7	174.6	98.7	60.7
-10°	5919.9	4811.8	3483.6	2459.0	1684.9	1077.7	698.2	394.7	182.2	98.7	60.7
-12.5°	5623.9	4508.2	3316.7	2360.4	1631.8	1055.0	705.8	394.7	189.7	106.3	60.7
-15°	5282.4	4197.1	3126.9	2254.1	1555.9	1024.6	690.7	387.1	197.3	106.3	68.3
-17.5°	4895.3	3893.5	2929.6	2125.1	1472.4	986.6	660.3	379.5	197.3	106.3	68.3
-20°	4455.1	3589.9	2709.5	1996.1	1373.7	941.1	629.9	364.3	197.3	106.3	68.3



REPORT NUMBER: P722422

CATALOG NUMBER: IFLD-L-SA8D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4060.4	3309.1	2481.8	1851.9	1267.5	888.0	592.0	349.1	197.3	113.8	68.3
-25°	3734.1	3035.8	2307.2	1707.7	1153.6	827.3	554.0	333.9	197.3	113.8	68.3
-27.5°	3392.6	2739.8	2125.1	1571.0	1077.7	774.1	516.1	318.8	189.7	113.8	68.3
-30°	3043.4	2451.4	1935.4	1419.3	1001.8	721.0	485.7	296.0	189.7	113.8	68.3
-32.5°	2724.7	2216.2	1760.8	1267.5	918.3	667.9	455.4	288.4	182.2	113.8	68.3
-35°	2413.5	2003.7	1578.6	1146.0	827.3	614.8	425.0	280.8	182.2	113.8	68.3
-37.5°	2155.4	1806.3	1411.7	1062.5	774.1	569.2	394.7	265.6	174.6	113.8	68.3
-40°	1942.9	1624.2	1252.3	971.5	728.6	523.7	364.3	258.0	174.6	113.8	68.3
-42.5°	1745.6	1449.6	1153.6	895.6	683.1	493.3	341.5	250.5	167.0	113.8	68.3
-45°	1571.0	1297.8	1055.0	827.3	629.9	455.4	326.4	235.3	159.4	113.8	75.9
-47.5°	1396.5	1191.6	963.9	766.6	576.8	409.8	311.2	227.7	151.8	106.3	75.9
-50°	1259.9	1077.7	888.0	698.2	523.7	394.7	296.0	212.5	151.8	106.3	75.9
-52.5°	1138.4	971.5	804.5	629.9	478.1	371.9	280.8	197.3	144.2	106.3	75.9
-55°	1024.6	872.8	721.0	561.6	447.8	349.1	258.0	182.2	144.2	106.3	75.9
-57.5°	910.8	781.7	637.5	508.5	409.8	326.4	242.9	182.2	144.2	106.3	75.9
-60°	819.7	698.2	576.8	470.6	379.5	296.0	220.1	174.6	136.6	106.3	75.9
-62.5°	743.8	629.9	523.7	425.0	349.1	265.6	212.5	174.6	136.6	106.3	68.3
-65°	667.9	569.2	470.6	387.1	311.2	250.5	204.9	167.0	136.6	106.3	68.3
-67.5°	592.0	500.9	425.0	341.5	288.4	242.9	197.3	167.0	129.0	98.7	68.3
-70°	516.1	440.2	371.9	318.8	273.2	227.7	189.7	159.4	129.0	91.1	60.7
-72.5°	455.4	387.1	333.9	296.0	258.0	220.1	182.2	151.8	121.4	83.5	53.1
-75°	387.1	341.5	303.6	265.6	235.3	204.9	174.6	136.6	106.3	75.9	53.1
-77.5°	326.4	296.0	265.6	242.9	212.5	182.2	151.8	121.4	98.7	68.3	45.5
-80°	280.8	258.0	235.3	212.5	189.7	159.4	136.6	106.3	83.5	60.7	37.9
-82.5°	227.7	212.5	189.7	174.6	159.4	136.6	113.8	91.1	60.7	45.5	30.4
-85°	174.6	159.4	151.8	136.6	121.4	98.7	75.9	60.7	45.5	30.4	15.2
-87.5°	91.1	83.5	75.9	68.3	60.7	45.5	37.9	30.4	22.8	15.2	7.6
-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-SA8D-727-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°	7.6	0.0	0.0	0.0
77.5°	7.6	0.0	0.0	0.0
75°	7.6	7.6	0.0	0.0
72.5°	7.6	7.6	0.0	0.0
70°	7.6	7.6	0.0	0.0
67.5°	15.2	7.6	0.0	0.0
65°	15.2	7.6	0.0	0.0
62.5°	15.2	7.6	0.0	0.0
60°	15.2	7.6	0.0	0.0
57.5°	22.8	7.6	7.6	0.0
55°	22.8	7.6	7.6	0.0
52.5°	22.8	7.6	7.6	0.0
50°	22.8	15.2	7.6	0.0
47.5°	22.8	15.2	7.6	0.0
45°	22.8	15.2	7.6	0.0
42.5°	22.8	15.2	7.6	0.0
40°	30.4	15.2	7.6	0.0
37.5°	30.4	15.2	7.6	0.0
35°	30.4	15.2	7.6	0.0
32.5°	30.4	15.2	7.6	0.0
30°	30.4	15.2	7.6	0.0
27.5°	30.4	22.8	7.6	0.0
25°	30.4	22.8	7.6	0.0
22.5°	37.9	22.8	7.6	0.0
20°	37.9	22.8	7.6	0.0
17.5°	37.9	22.8	7.6	0.0
15°	37.9	22.8	7.6	0.0
12.5°	37.9	22.8	7.6	0.0
10°	37.9	22.8	7.6	0.0
7.5°	37.9	22.8	7.6	0.0
5°	37.9	22.8	7.6	0.0
2.5°	37.9	22.8	7.6	0.0
0°	37.9	22.8	7.6	0.0
-2.5°	37.9	22.8	7.6	0.0
-5°	37.9	22.8	7.6	0.0
-7.5°	37.9	22.8	7.6	0.0
-10°	37.9	22.8	7.6	0.0
-12.5°	45.5	22.8	7.6	0.0
-15°	45.5	22.8	7.6	0.0
-17.5°	45.5	22.8	7.6	0.0
-20°	45.5	22.8	7.6	0.0

REPORT NUMBER: P722422

CATALOG NUMBER: IFLD-L-SA8D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	45.5	22.8	7.6	0.0
-25°	45.5	22.8	7.6	0.0
-27.5°	45.5	22.8	7.6	0.0
-30°	45.5	22.8	7.6	0.0
-32.5°	45.5	22.8	7.6	0.0
-35°	45.5	22.8	7.6	0.0
-37.5°	45.5	22.8	7.6	0.0
-40°	45.5	22.8	7.6	0.0
-42.5°	37.9	22.8	7.6	0.0
-45°	45.5	22.8	7.6	0.0
-47.5°	45.5	22.8	7.6	0.0
-50°	45.5	22.8	7.6	0.0
-52.5°	45.5	22.8	7.6	0.0
-55°	45.5	22.8	7.6	0.0
-57.5°	45.5	22.8	7.6	0.0
-60°	45.5	22.8	7.6	0.0
-62.5°	37.9	22.8	7.6	0.0
-65°	37.9	15.2	7.6	0.0
-67.5°	37.9	15.2	7.6	0.0
-70°	37.9	15.2	7.6	0.0
-72.5°	30.4	15.2	7.6	0.0
-75°	30.4	15.2	7.6	0.0
-77.5°	22.8	7.6	0.0	0.0
-80°	22.8	7.6	0.0	0.0
-82.5°	15.2	7.6	0.0	0.0
-85°	7.6	7.6	0.0	0.0
-87.5°	7.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)