

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: P722509

Luminaire Tested: **IFLD-L-SA8D-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722509
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

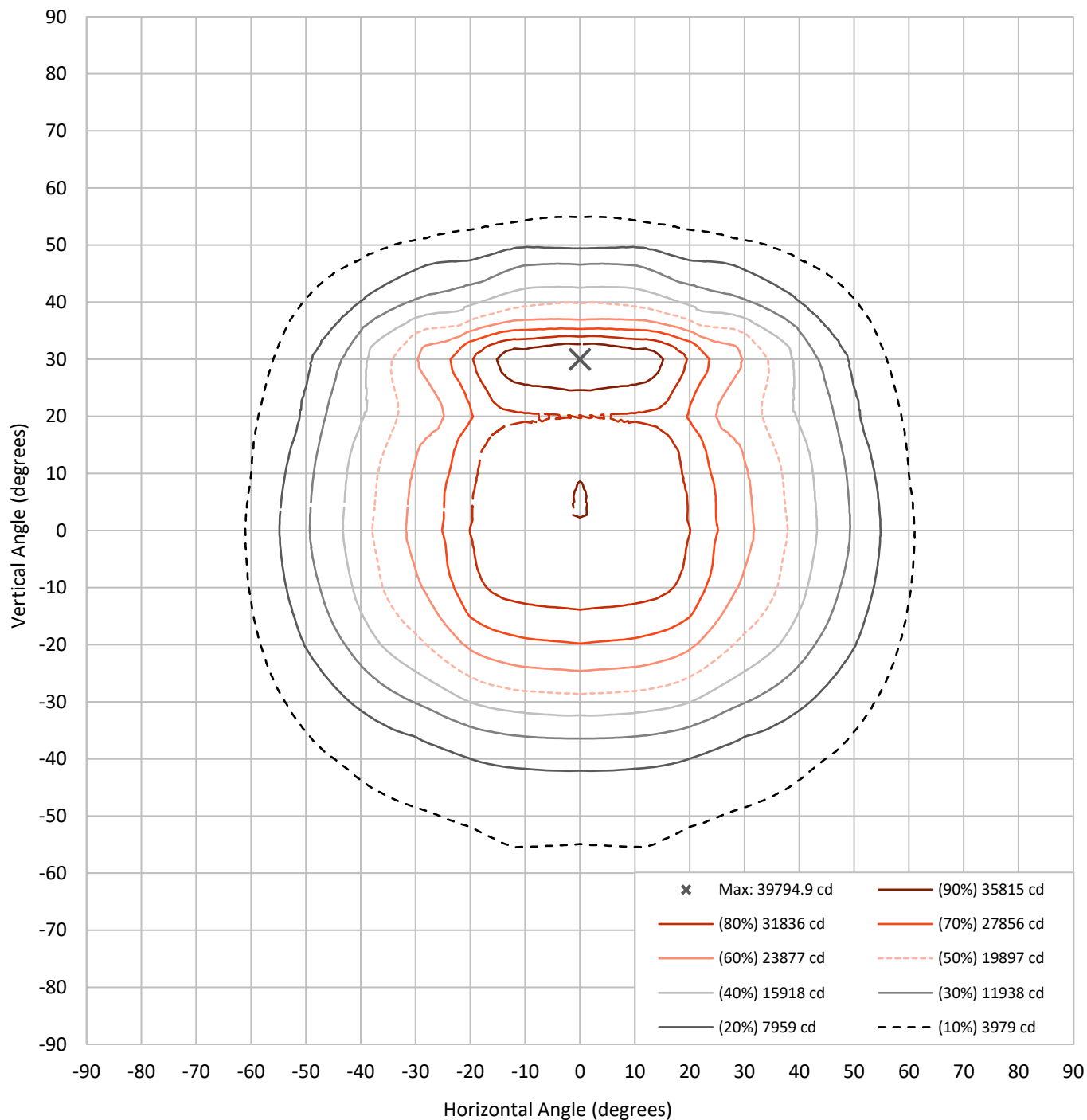
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	57003.6 lumens	Max Intensity:	39794.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	36365.8 lumens	Field Lumens:	53741.6 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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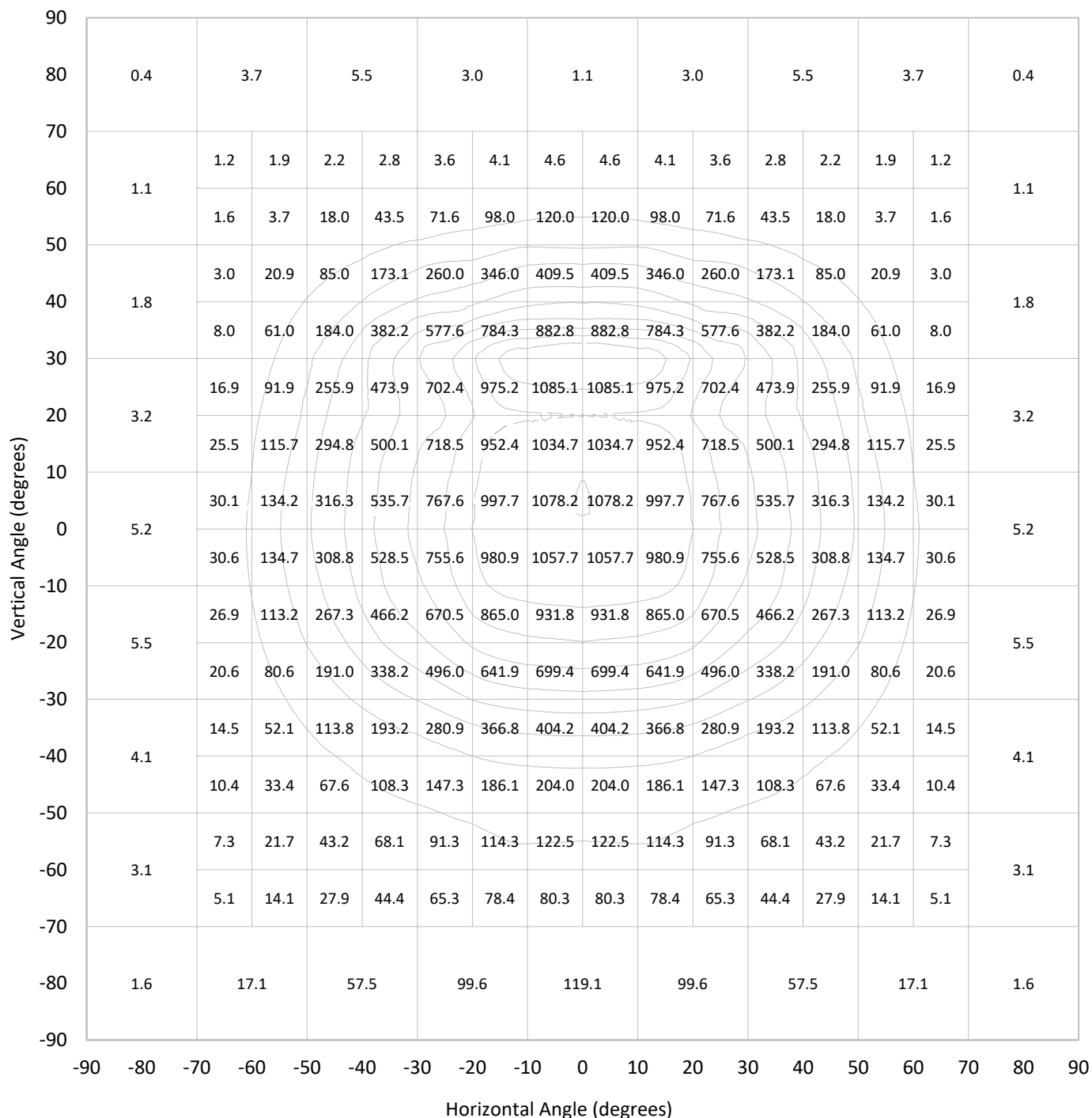
Iso-Candela Plot



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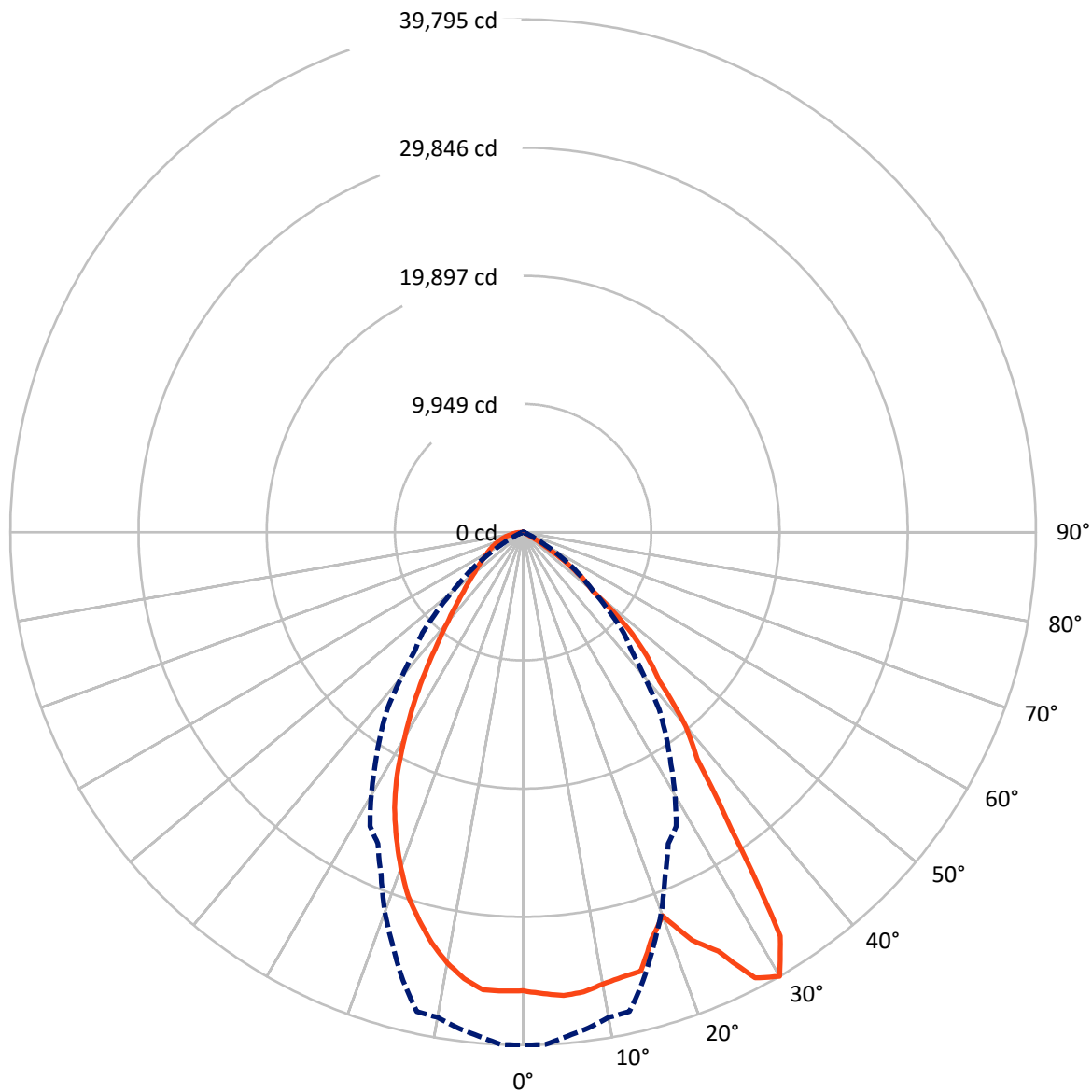
Lumen Table



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Luminous Intensity Polar Plot



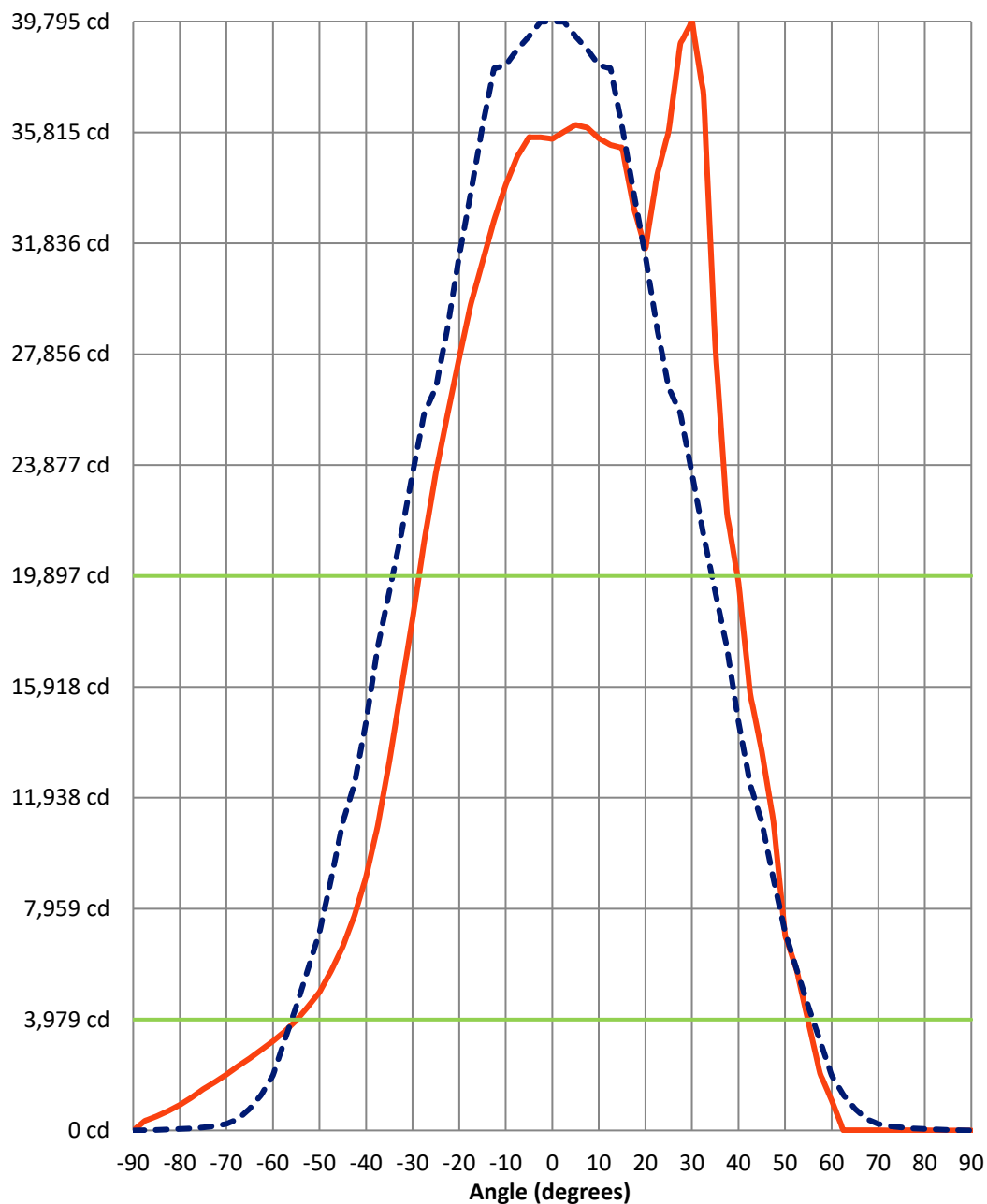
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 36365.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 53741.6

Efficiency: 94.3%

Spill:

Lumens: 3262

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	9.1	9.1	9.1	9.1	9.1	9.1	9.1
85°	0.0	9.1	9.1	9.1	18.2	18.2	18.2	18.2	18.2	18.2	27.2
82.5°	0.0	9.1	9.1	9.1	18.2	18.2	18.2	18.2	27.2	27.2	36.3
80°	9.1	9.1	9.1	9.1	18.2	18.2	18.2	27.2	27.2	36.3	36.3
77.5°	9.1	9.1	9.1	18.2	18.2	18.2	27.2	27.2	36.3	36.3	45.4
75°	9.1	9.1	9.1	18.2	18.2	27.2	27.2	27.2	36.3	36.3	45.4
72.5°	0.0	9.1	9.1	18.2	18.2	27.2	27.2	27.2	36.3	36.3	36.3
70°	9.1	9.1	9.1	18.2	18.2	27.2	27.2	27.2	36.3	36.3	36.3
67.5°	9.1	9.1	9.1	18.2	18.2	27.2	27.2	36.3	36.3	36.3	45.4
65°	9.1	9.1	9.1	18.2	27.2	27.2	36.3	45.4	45.4	54.5	63.5
62.5°	9.1	18.2	18.2	27.2	36.3	45.4	99.8	154.3	154.3	108.9	90.8
60°	1080.0	1170.7	1161.6	1052.7	916.6	771.4	744.2	716.9	662.5	580.8	608.0
57.5°	2051.0	2159.9	2205.3	2178.1	2105.5	1978.4	1905.8	1824.1	1715.2	1588.2	1443.0
55°	3884.2	3929.6	3829.7	3639.2	3430.4	3221.7	3149.1	3040.2	2876.8	2713.5	2495.7
52.5°	5744.6	5898.9	5853.5	5662.9	5381.6	5009.5	4601.1	4283.5	4092.9	3911.4	3693.6
50°	7015.1	7078.7	7205.7	7432.6	7514.3	7260.2	6597.7	5744.6	5136.6	5445.1	5209.2
47.5°	11071.8	11389.4	11325.9	11162.5	10890.3	10200.5	9274.9	8512.6	7877.3	7668.6	7704.9
45°	13603.8	13730.8	13685.4	13612.8	13485.8	12841.4	11815.9	10645.2	10055.3	9819.4	9574.4
42.5°	15682.0	15818.1	15845.3	15854.4	15718.3	15128.4	14202.7	13032.0	12442.1	11761.5	11226.1
40°	19647.9	19847.5	19620.6	19321.1	18867.4	18195.8	17288.3	16208.3	15164.7	14329.8	13694.5
37.5°	22179.8	22424.9	22515.6	22497.5	22397.6	22107.2	20991.0	19965.5	18368.3	16498.8	16834.5
35°	28187.6	28441.7	28369.1	28096.9	27951.7	27643.1	26554.1	25338.0	23332.4	21299.5	20755.0
32.5°	37144.9	37698.5	36663.9	35529.5	34830.7	35075.7	33968.6	30991.9	30066.2	26399.8	24702.8
30°	39794.9	39785.8	39259.4	38796.6	38224.8	38106.9	36019.6	33641.8	31373.0	28804.8	26663.0
27.5°	38987.2	38823.8	38379.1	38043.3	37507.9	37226.6	35184.6	33297.0	30674.3	28378.2	26309.1
25°	35874.4	36001.4	35547.6	35484.1	35275.4	34730.9	33714.5	31590.8	29249.4	26708.4	25220.0
22.5°	34268.0	34222.7	33678.2	33360.5	33614.6	33033.8	32625.4	30483.7	28042.4	25900.7	24112.9
20°	31654.4	31663.5	31527.3	31500.1	31345.8	31082.6	30755.9	29240.4	27516.1	25682.9	23532.1
17.5°	33115.5	33487.6	33650.9	32298.7	32679.9	32380.4	32035.5	29921.0	28623.3	26998.8	24194.5
15°	35257.2	35121.1	34957.8	34885.2	34676.4	34395.1	33768.9	32080.9	29848.4	28169.5	25982.4
12.5°	35366.1	35103.0	35039.4	35030.4	34812.6	34422.3	33814.3	32416.7	30438.3	28396.4	26617.6
10°	35602.1	35329.8	35293.5	35338.9	35003.1	34758.1	34150.1	32852.3	30619.8	28786.6	27107.7
7.5°	35983.3	35529.5	35738.2	35602.1	35447.8	35057.6	34404.2	33133.6	31282.3	29303.9	27543.3
5°	36083.1	35583.9	35810.8	35683.8	35456.9	35075.7	34367.9	33315.1	31690.7	29512.6	27715.7
2.5°	35838.1	35692.8	35593.0	35357.1	35257.2	34839.8	34168.2	33042.9	31500.1	29421.9	27679.4
0°	35583.9	35711.0	35484.1	35248.2	35202.8	34867.0	34295.3	33278.8	31944.8	29676.0	27988.0
-2.5°	35638.4	35538.6	35384.3	35139.3	34903.3	34422.3	33905.0	32952.1	31518.2	29122.4	27552.4
-5°	35638.4	35175.6	35193.7	35202.8	34966.8	34467.7	33841.5	33033.8	31264.1	29113.3	27425.3
-7.5°	34948.7	34549.4	34485.8	34431.4	34367.9	33905.0	33415.0	32407.6	30837.6	28877.4	27071.4
-10°	33932.3	33542.0	33578.3	33496.6	33297.0	32988.4	32616.3	31708.8	30420.1	28133.2	26354.4
-12.5°	32661.7	32489.3	32389.5	32253.3	32053.7	31781.4	31400.3	30547.2	29167.8	27216.6	25528.6
-15°	31155.2	31028.2	30937.4	30855.8	30565.3	30284.0	29784.9	28995.3	28133.2	26036.8	24312.5
-17.5°	29648.8	29331.1	29204.1	29095.2	28904.6	28450.8	27997.1	27407.2	26200.2	24539.4	23060.1
-20°	27715.7	27525.1	27370.9	27225.7	26953.4	26599.5	26227.4	25546.8	24503.1	23160.0	21626.3

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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°	25692.0	25583.1	25456.0	25274.5	25093.0	24757.2	24239.9	23586.5	22769.7	21317.7	19883.8
-25°	23604.7	23395.9	23241.6	23069.2	22924.0	22615.5	22116.3	21490.1	20464.6	19212.2	18014.3
-27.5°	21145.3	20945.6	20863.9	20664.3	20537.2	20255.9	19756.8	19175.9	18250.3	17197.5	15981.5
-30°	18368.3	18404.6	18313.8	18123.2	17968.9	17605.9	17224.8	16734.7	16008.7	15001.3	13912.3
-32.5°	15800.0	15845.3	15736.4	15536.8	15337.1	15073.9	14720.0	14275.3	13730.8	12768.8	11825.0
-35°	13231.7	13213.5	13122.8	13004.8	12868.7	12650.9	12251.6	11915.8	11289.6	10618.0	9964.6
-37.5°	10926.6	10971.9	10944.7	10881.2	10726.9	10545.4	10218.7	9910.1	9447.3	8857.4	8349.2
-40°	9102.4	9156.9	9120.6	9057.1	8920.9	8812.0	8594.2	8322.0	7949.9	7441.7	7015.1
-42.5°	7704.9	7741.2	7695.8	7641.3	7523.4	7441.7	7269.3	7042.4	6733.8	6343.6	5962.4
-45°	6597.7	6606.8	6561.4	6525.1	6434.3	6334.5	6189.3	6007.8	5762.8	5490.5	5182.0
-47.5°	5726.5	5717.4	5672.0	5635.7	5563.1	5472.4	5354.4	5191.0	5000.4	4791.7	4546.7
-50°	4964.1	5009.5	4991.4	4955.1	4900.6	4837.1	4719.1	4546.7	4356.1	4201.8	4029.4
-52.5°	4437.8	4446.9	4437.8	4437.8	4428.7	4383.3	4247.2	4074.8	3866.0	3729.9	3584.7
-55°	3947.7	3993.1	4011.2	4029.4	4038.5	4038.5	3875.1	3693.6	3494.0	3357.8	3248.9
-57.5°	3548.4	3575.6	3593.8	3639.2	3675.5	3702.7	3557.5	3394.1	3239.9	3112.8	3013.0
-60°	3203.6	3239.9	3267.1	3312.5	3339.7	3357.8	3267.1	3158.2	3067.4	2985.7	2840.5
-62.5°	2895.0	2922.2	2949.4	2976.7	3003.9	3022.0	2985.7	2931.3	2885.9	2849.6	2668.1
-65°	2586.4	2613.7	2640.9	2677.2	2704.4	2722.6	2713.5	2677.2	2640.9	2604.6	2441.2
-67.5°	2305.1	2332.3	2368.6	2377.7	2395.9	2404.9	2386.8	2359.6	2314.2	2268.8	2141.8
-70°	2005.6	2023.8	2041.9	2041.9	2041.9	2032.8	2014.7	1978.4	1933.0	1869.5	1769.7
-72.5°	1733.4	1751.5	1769.7	1742.4	1724.3	1697.1	1669.8	1624.5	1579.1	1533.7	1479.3
-75°	1479.3	1488.3	1488.3	1452.0	1424.8	1397.6	1361.3	1334.1	1288.7	1252.4	1207.0
-77.5°	1179.8	1179.8	1179.8	1152.6	1134.4	1116.3	1089.0	1061.8	1025.5	998.3	962.0
-80°	916.6	916.6	916.6	907.5	880.3	862.1	844.0	825.8	798.6	780.5	762.3
-82.5°	698.8	698.8	698.8	689.7	671.6	662.5	644.3	626.2	617.1	599.0	589.9
-85°	508.2	517.3	517.3	508.2	499.1	481.0	471.9	462.8	453.8	444.7	426.5
-87.5°	344.9	344.9	344.9	335.8	326.7	326.7	317.6	299.5	281.3	272.3	263.2
-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
85°	27.2	27.2	27.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	27.2
82.5°	45.4	45.4	54.5	54.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
80°	45.4	54.5	63.5	72.6	81.7	90.8	90.8	90.8	90.8	81.7	81.7
77.5°	54.5	54.5	63.5	72.6	81.7	90.8	99.8	108.9	99.8	99.8	99.8
75°	54.5	63.5	63.5	72.6	81.7	90.8	99.8	108.9	108.9	108.9	108.9
72.5°	45.4	54.5	63.5	72.6	72.6	81.7	90.8	90.8	99.8	99.8	108.9
70°	45.4	54.5	63.5	63.5	72.6	72.6	81.7	90.8	90.8	99.8	99.8
67.5°	54.5	63.5	63.5	72.6	81.7	81.7	81.7	90.8	90.8	99.8	99.8
65°	63.5	72.6	72.6	81.7	90.8	90.8	99.8	99.8	99.8	108.9	108.9
62.5°	108.9	108.9	108.9	99.8	108.9	108.9	108.9	118.0	118.0	108.9	118.0
60°	562.7	408.4	281.3	353.9	317.6	145.2	145.2	145.2	136.1	136.1	127.1
57.5°	1325.0	1234.2	1061.8	898.4	807.7	716.9	444.7	181.5	181.5	163.4	145.2
55°	2214.4	1914.9	1787.8	1570.0	1334.1	1225.2	1016.4	689.7	326.7	217.8	190.6
52.5°	3430.4	3149.1	2822.4	2377.7	2060.1	1806.0	1633.5	1297.8	871.2	462.8	290.4
50°	4592.1	4465.0	4265.4	3829.7	3167.3	2740.7	2459.4	2078.2	1560.9	952.9	544.5
47.5°	7396.3	6334.5	5690.2	5354.4	4800.8	3993.1	3448.6	3022.0	2395.9	1606.3	962.0
45°	9311.2	8639.6	7614.1	6906.2	6089.5	5236.4	4528.5	4038.5	3294.3	2404.9	1506.5
42.5°	10953.8	10373.0	9447.3	8412.7	7550.6	6434.3	5526.8	4882.5	4256.3	3285.2	2250.7
40°	13068.3	12378.6	11489.2	10481.9	9474.5	8049.7	6579.5	5799.1	5109.4	4247.2	3040.2
37.5°	16553.2	15337.1	13885.1	12768.8	11452.9	10245.9	8231.2	6851.8	6035.0	5136.6	3965.9
35°	20746.0	19411.9	16988.8	15509.6	13749.0	11952.1	10137.0	8095.1	6933.5	5980.6	4818.9
32.5°	24648.3	22697.1	19593.4	17860.0	16689.3	13376.9	11498.3	9728.6	7859.1	6688.4	5309.0
30°	25728.3	23577.4	21354.0	19330.2	17333.7	14656.5	12433.1	11053.6	9020.8	7115.0	5771.8
27.5°	24639.2	23160.0	21435.7	19557.1	17397.2	15101.2	13004.8	11688.9	9873.8	7405.4	6134.9
25°	23532.1	21989.3	20782.3	19212.2	17215.7	15073.9	13022.9	12088.2	10536.3	7968.0	6334.5
22.5°	22361.3	21399.4	20401.1	18649.6	16761.9	15155.6	13612.8	12433.1	10881.2	8603.3	6416.2
20°	22424.9	21798.7	20700.6	18359.2	16680.3	15636.6	14320.7	12868.7	11253.3	9156.9	6479.7
17.5°	23441.3	22624.5	21245.1	19212.2	17415.4	16126.7	14910.6	13467.6	11634.4	9647.0	7251.1
15°	24693.7	23450.4	22007.4	20219.6	18186.7	16662.1	15364.4	13885.1	12070.0	10100.7	7940.8
12.5°	25601.2	23831.5	22479.3	20863.9	19021.7	17242.9	15663.8	14202.7	12478.4	10472.8	8458.1
10°	25909.8	24303.4	22706.2	21263.2	19448.2	17551.5	15890.7	14402.4	12832.4	10763.2	8839.3
7.5°	26073.1	24711.8	22860.5	21444.8	19702.3	17742.1	16072.2	14511.3	13113.7	10962.9	9084.3
5°	26055.0	24929.6	22978.5	21499.2	19838.4	17823.7	16199.3	14538.5	13313.4	11135.3	9229.5
2.5°	25973.3	25074.8	23169.0	21590.0	20110.7	17978.0	16444.3	14593.0	13386.0	11325.9	9329.3
0°	26272.8	25083.9	23368.7	21617.2	20292.2	18032.5	16553.2	14547.6	13286.1	11380.3	9320.3
-2.5°	25628.4	24548.5	23323.3	21381.2	20047.2	17905.4	16353.6	14402.4	13068.3	11316.8	9284.0
-5°	25519.5	24158.2	22942.2	21163.4	19638.8	17642.2	15981.5	14130.1	12723.5	11108.1	9138.7
-7.5°	25229.1	23786.2	22570.1	20991.0	19257.6	17370.0	15627.5	13848.8	12351.4	10781.4	8930.0
-10°	24593.9	23214.4	22170.8	20618.9	18794.8	16979.7	15201.0	13476.7	11915.8	10336.7	8603.3
-12.5°	23686.3	22306.9	21272.3	19829.4	18214.0	16453.4	14692.8	12995.7	11416.6	9864.8	8213.1
-15°	22660.8	21263.2	20228.7	18912.8	17351.8	15636.6	14048.4	12387.7	10844.9	9365.6	7750.2
-17.5°	21499.2	20174.2	19175.9	17896.3	16344.5	14710.9	13131.8	11625.4	10182.4	8848.3	7214.8
-20°	20156.1	18867.4	17950.8	16671.2	15246.4	13658.2	12124.5	10699.7	9401.9	8149.5	6624.9

REPORT NUMBER: P722509

CATALOG NUMBER: IFLD-L-SA8D-740-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°	18495.3	17360.9	16317.2	15173.8	13930.5	12478.4	11053.6	9792.2	8548.9	7323.7	6016.9
-25°	16798.2	15700.1	14683.7	13640.1	12451.2	11198.8	9982.7	8839.3	7623.2	6516.0	5427.0
-27.5°	14910.6	13930.5	13022.9	12061.0	10971.9	9892.0	8893.7	7777.5	6724.7	5780.9	4846.2
-30°	12895.9	12097.3	11307.7	10454.7	9574.4	8666.8	7777.5	6724.7	5898.9	5145.7	4356.1
-32.5°	10962.9	10245.9	9610.7	8975.4	8213.1	7468.9	6679.4	5898.9	5209.2	4546.7	3884.2
-35°	9265.8	8503.5	8149.5	7641.3	7033.3	6361.7	5717.4	5172.9	4619.3	4020.3	3430.4
-37.5°	7795.6	7305.6	6888.1	6506.9	6025.9	5445.1	4982.3	4537.6	4074.8	3530.3	3022.0
-40°	6643.1	6289.1	5871.7	5590.3	5200.1	4782.6	4319.8	3947.7	3557.5	3112.8	2695.3
-42.5°	5717.4	5427.0	5154.7	4855.2	4564.8	4210.9	3811.6	3457.7	3103.7	2777.0	2432.2
-45°	4955.1	4746.3	4528.5	4283.5	4029.4	3720.8	3394.1	3031.1	2777.0	2486.6	2196.2
-47.5°	4328.9	4174.6	3993.1	3802.5	3584.7	3312.5	3013.0	2749.8	2486.6	2241.6	1960.2
-50°	3829.7	3684.5	3539.3	3376.0	3185.4	2949.4	2722.6	2477.5	2232.5	1996.5	1733.4
-52.5°	3412.3	3285.2	3167.3	3031.1	2849.6	2650.0	2441.2	2223.4	1996.5	1760.6	1551.9
-55°	3121.9	2976.7	2858.7	2722.6	2559.2	2368.6	2178.1	1978.4	1760.6	1579.1	1406.7
-57.5°	2885.9	2722.6	2586.4	2441.2	2277.9	2114.5	1942.1	1760.6	1597.2	1424.8	1261.5
-60°	2686.3	2495.7	2341.4	2196.2	2041.9	1887.6	1742.4	1588.2	1433.9	1279.6	1116.3
-62.5°	2477.5	2277.9	2087.3	1951.2	1833.2	1697.1	1570.0	1424.8	1288.7	1134.4	1016.4
-65°	2241.6	2051.0	1869.5	1751.5	1642.6	1524.6	1406.7	1279.6	1161.6	1043.7	934.7
-67.5°	1978.4	1815.0	1688.0	1579.1	1470.2	1370.4	1261.5	1152.6	1052.7	934.7	825.8
-70°	1660.8	1570.0	1497.4	1415.7	1315.9	1225.2	1125.3	1025.5	916.6	816.8	716.9
-72.5°	1415.7	1361.3	1306.8	1225.2	1134.4	1052.7	971.0	880.3	789.5	698.8	617.1
-75°	1161.6	1116.3	1070.9	1016.4	943.8	880.3	807.7	726.0	653.4	589.9	526.4
-77.5°	934.7	898.4	871.2	825.8	771.4	716.9	671.6	617.1	562.7	499.1	435.6
-80°	744.2	726.0	716.9	698.8	653.4	608.0	571.7	526.4	471.9	426.5	381.2
-82.5°	580.8	580.8	571.7	562.7	526.4	490.1	462.8	426.5	390.2	353.9	308.6
-85°	426.5	417.5	417.5	408.4	381.2	363.0	335.8	317.6	290.4	254.1	236.0
-87.5°	254.1	245.0	236.0	226.9	208.7	199.7	181.5	172.4	154.3	136.1	127.1
-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: P722509

CATALOG NUMBER: IFLD-L-SA8D-740-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	0.0	0.0
85°	27.2	18.2	18.2	18.2	18.2	18.2	9.1	9.1	9.1	9.1	9.1
82.5°	54.5	54.5	45.4	45.4	36.3	27.2	18.2	18.2	18.2	9.1	9.1
80°	81.7	81.7	81.7	72.6	63.5	45.4	36.3	27.2	18.2	9.1	9.1
77.5°	99.8	90.8	90.8	81.7	81.7	72.6	54.5	45.4	27.2	18.2	9.1
75°	99.8	99.8	99.8	90.8	90.8	81.7	72.6	54.5	45.4	27.2	18.2
72.5°	108.9	99.8	99.8	99.8	90.8	81.7	72.6	63.5	54.5	36.3	18.2
70°	99.8	99.8	99.8	99.8	90.8	90.8	72.6	63.5	63.5	36.3	27.2
67.5°	99.8	99.8	99.8	90.8	90.8	81.7	72.6	63.5	63.5	45.4	27.2
65°	108.9	99.8	99.8	99.8	90.8	81.7	72.6	63.5	63.5	54.5	36.3
62.5°	118.0	108.9	108.9	99.8	90.8	81.7	72.6	63.5	63.5	54.5	36.3
60°	127.1	118.0	108.9	108.9	99.8	90.8	72.6	72.6	63.5	54.5	36.3
57.5°	136.1	127.1	127.1	118.0	108.9	99.8	81.7	72.6	63.5	54.5	45.4
55°	163.4	145.2	136.1	136.1	127.1	108.9	90.8	72.6	63.5	54.5	45.4
52.5°	217.8	172.4	154.3	154.3	145.2	127.1	99.8	81.7	63.5	54.5	45.4
50°	344.9	217.8	181.5	163.4	163.4	145.2	118.0	90.8	63.5	54.5	45.4
47.5°	544.5	363.0	217.8	190.6	181.5	172.4	136.1	90.8	72.6	54.5	45.4
45°	898.4	535.4	353.9	226.9	190.6	181.5	154.3	99.8	72.6	63.5	45.4
42.5°	1234.2	834.9	544.5	272.3	226.9	199.7	163.4	108.9	81.7	63.5	45.4
40°	1942.1	1143.5	762.3	444.7	263.2	208.7	181.5	127.1	81.7	63.5	45.4
37.5°	2631.8	1515.6	1025.5	653.4	299.5	236.0	190.6	136.1	90.8	63.5	54.5
35°	3321.5	2123.6	1270.5	871.2	399.3	281.3	199.7	145.2	90.8	63.5	54.5
32.5°	3938.6	2695.3	1524.6	1089.0	599.0	335.8	217.8	154.3	99.8	72.6	54.5
30°	4446.9	3221.7	1978.4	1279.6	780.5	408.4	236.0	154.3	108.9	72.6	54.5
27.5°	4828.0	3630.1	2441.2	1479.3	934.7	481.0	272.3	172.4	108.9	72.6	54.5
25°	5136.6	3947.7	2849.6	1688.0	1070.9	599.0	326.7	181.5	118.0	81.7	54.5
22.5°	5381.6	4210.9	3185.4	1969.3	1234.2	716.9	399.3	199.7	118.0	81.7	54.5
20°	5717.4	4474.1	3412.3	2268.8	1406.7	825.8	462.8	217.8	118.0	81.7	63.5
17.5°	6007.8	4737.3	3593.8	2522.9	1579.1	907.5	535.4	236.0	127.1	81.7	63.5
15°	6343.6	4991.4	3757.1	2722.6	1742.4	980.1	599.0	254.1	127.1	90.8	63.5
12.5°	6706.6	5227.3	3875.1	2885.9	1914.9	1043.7	653.4	290.4	136.1	90.8	63.5
10°	7078.7	5427.0	3974.9	3003.9	2041.9	1107.2	689.7	326.7	145.2	90.8	63.5
7.5°	7450.8	5608.5	4102.0	3058.3	2096.4	1179.8	707.9	363.0	145.2	99.8	63.5
5°	7704.9	5726.5	4283.5	3094.7	2123.6	1261.5	735.1	408.4	154.3	99.8	63.5
2.5°	7922.7	5799.1	4474.1	3121.9	2132.7	1306.8	726.0	435.6	163.4	99.8	63.5
0°	8022.5	5799.1	4601.1	3103.7	2105.5	1352.2	726.0	462.8	163.4	99.8	63.5
-2.5°	7868.2	5962.4	4564.8	3112.8	2114.5	1352.2	762.3	471.9	181.5	108.9	63.5
-5°	7623.2	6025.9	4455.9	3067.4	2096.4	1352.2	807.7	481.0	190.6	108.9	72.6
-7.5°	7387.2	6053.2	4328.9	3022.0	2069.2	1315.9	816.8	471.9	208.7	118.0	72.6
-10°	7078.7	5753.7	4165.5	2940.4	2014.7	1288.7	834.9	471.9	217.8	118.0	72.6
-12.5°	6724.7	5390.7	3965.9	2822.4	1951.2	1261.5	844.0	471.9	226.9	127.1	72.6
-15°	6316.4	5018.6	3739.0	2695.3	1860.4	1225.2	825.8	462.8	236.0	127.1	81.7
-17.5°	5853.5	4655.6	3503.0	2541.1	1760.6	1179.8	789.5	453.8	236.0	127.1	81.7
-20°	5327.2	4292.6	3239.9	2386.8	1642.6	1125.3	753.2	435.6	236.0	127.1	81.7

REPORT NUMBER: P722509

CATALOG NUMBER: IFLD-L-SA8D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4855.2	3956.8	2967.6	2214.4	1515.6	1061.8	707.9	417.5	236.0	136.1	81.7
-25°	4465.0	3630.1	2758.9	2041.9	1379.4	989.2	662.5	399.3	236.0	136.1	81.7
-27.5°	4056.6	3276.2	2541.1	1878.6	1288.7	925.7	617.1	381.2	226.9	136.1	81.7
-30°	3639.2	2931.3	2314.2	1697.1	1197.9	862.1	580.8	353.9	226.9	136.1	81.7
-32.5°	3258.0	2650.0	2105.5	1515.6	1098.1	798.6	544.5	344.9	217.8	136.1	81.7
-35°	2885.9	2395.9	1887.6	1370.4	989.2	735.1	508.2	335.8	217.8	136.1	81.7
-37.5°	2577.4	2159.9	1688.0	1270.5	925.7	680.6	471.9	317.6	208.7	136.1	81.7
-40°	2323.3	1942.1	1497.4	1161.6	871.2	626.2	435.6	308.6	208.7	136.1	81.7
-42.5°	2087.3	1733.4	1379.4	1070.9	816.8	589.9	408.4	299.5	199.7	136.1	81.7
-45°	1878.6	1551.9	1261.5	989.2	753.2	544.5	390.2	281.3	190.6	136.1	90.8
-47.5°	1669.8	1424.8	1152.6	916.6	689.7	490.1	372.1	272.3	181.5	127.1	90.8
-50°	1506.5	1288.7	1061.8	834.9	626.2	471.9	353.9	254.1	181.5	127.1	90.8
-52.5°	1361.3	1161.6	962.0	753.2	571.7	444.7	335.8	236.0	172.4	127.1	90.8
-55°	1225.2	1043.7	862.1	671.6	535.4	417.5	308.6	217.8	172.4	127.1	90.8
-57.5°	1089.0	934.7	762.3	608.0	490.1	390.2	290.4	217.8	172.4	127.1	90.8
-60°	980.1	834.9	689.7	562.7	453.8	353.9	263.2	208.7	163.4	127.1	90.8
-62.5°	889.4	753.2	626.2	508.2	417.5	317.6	254.1	208.7	163.4	127.1	81.7
-65°	798.6	680.6	562.7	462.8	372.1	299.5	245.0	199.7	163.4	127.1	81.7
-67.5°	707.9	599.0	508.2	408.4	344.9	290.4	236.0	199.7	154.3	118.0	81.7
-70°	617.1	526.4	444.7	381.2	326.7	272.3	226.9	190.6	154.3	108.9	72.6
-72.5°	544.5	462.8	399.3	353.9	308.6	263.2	217.8	181.5	145.2	99.8	63.5
-75°	462.8	408.4	363.0	317.6	281.3	245.0	208.7	163.4	127.1	90.8	63.5
-77.5°	390.2	353.9	317.6	290.4	254.1	217.8	181.5	145.2	118.0	81.7	54.5
-80°	335.8	308.6	281.3	254.1	226.9	190.6	163.4	127.1	99.8	72.6	45.4
-82.5°	272.3	254.1	226.9	208.7	190.6	163.4	136.1	108.9	72.6	54.5	36.3
-85°	208.7	190.6	181.5	163.4	145.2	118.0	90.8	72.6	54.5	36.3	18.2
-87.5°	108.9	99.8	90.8	81.7	72.6	54.5	45.4	36.3	27.2	18.2	9.1
-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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CATALOG NUMBER: IFLD-L-SA8D-740-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°	9.1	0.0	0.0	0.0
77.5°	9.1	0.0	0.0	0.0
75°	9.1	9.1	0.0	0.0
72.5°	9.1	9.1	0.0	0.0
70°	9.1	9.1	0.0	0.0
67.5°	18.2	9.1	0.0	0.0
65°	18.2	9.1	0.0	0.0
62.5°	18.2	9.1	0.0	0.0
60°	18.2	9.1	0.0	0.0
57.5°	27.2	9.1	9.1	0.0
55°	27.2	9.1	9.1	0.0
52.5°	27.2	9.1	9.1	0.0
50°	27.2	18.2	9.1	0.0
47.5°	27.2	18.2	9.1	0.0
45°	27.2	18.2	9.1	0.0
42.5°	27.2	18.2	9.1	0.0
40°	36.3	18.2	9.1	0.0
37.5°	36.3	18.2	9.1	0.0
35°	36.3	18.2	9.1	0.0
32.5°	36.3	18.2	9.1	0.0
30°	36.3	18.2	9.1	0.0
27.5°	36.3	27.2	9.1	0.0
25°	36.3	27.2	9.1	0.0
22.5°	45.4	27.2	9.1	0.0
20°	45.4	27.2	9.1	0.0
17.5°	45.4	27.2	9.1	0.0
15°	45.4	27.2	9.1	0.0
12.5°	45.4	27.2	9.1	0.0
10°	45.4	27.2	9.1	0.0
7.5°	45.4	27.2	9.1	0.0
5°	45.4	27.2	9.1	0.0
2.5°	45.4	27.2	9.1	0.0
0°	45.4	27.2	9.1	0.0
-2.5°	45.4	27.2	9.1	0.0
-5°	45.4	27.2	9.1	0.0
-7.5°	45.4	27.2	9.1	0.0
-10°	45.4	27.2	9.1	0.0
-12.5°	54.5	27.2	9.1	0.0
-15°	54.5	27.2	9.1	0.0
-17.5°	54.5	27.2	9.1	0.0
-20°	54.5	27.2	9.1	0.0



REPORT NUMBER: P722509

CATALOG NUMBER: IFLD-L-SA8D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	54.5	27.2	9.1	0.0
-25°	54.5	27.2	9.1	0.0
-27.5°	54.5	27.2	9.1	0.0
-30°	54.5	27.2	9.1	0.0
-32.5°	54.5	27.2	9.1	0.0
-35°	54.5	27.2	9.1	0.0
-37.5°	54.5	27.2	9.1	0.0
-40°	54.5	27.2	9.1	0.0
-42.5°	45.4	27.2	9.1	0.0
-45°	54.5	27.2	9.1	0.0
-47.5°	54.5	27.2	9.1	0.0
-50°	54.5	27.2	9.1	0.0
-52.5°	54.5	27.2	9.1	0.0
-55°	54.5	27.2	9.1	0.0
-57.5°	54.5	27.2	9.1	0.0
-60°	54.5	27.2	9.1	0.0
-62.5°	45.4	27.2	9.1	0.0
-65°	45.4	18.2	9.1	0.0
-67.5°	45.4	18.2	9.1	0.0
-70°	45.4	18.2	9.1	0.0
-72.5°	36.3	18.2	9.1	0.0
-75°	36.3	18.2	9.1	0.0
-77.5°	27.2	9.1	0.0	0.0
-80°	27.2	9.1	0.0	0.0
-82.5°	18.2	9.1	0.0	0.0
-85°	9.1	9.1	0.0	0.0
-87.5°	9.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)