

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: P722505

Luminaire Tested: **IFLD-L-SA7E-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722505
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	57723.2 lumens	Max Intensity:	40297.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.4 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:	36824.9 lumens	Field Lumens:	54420.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

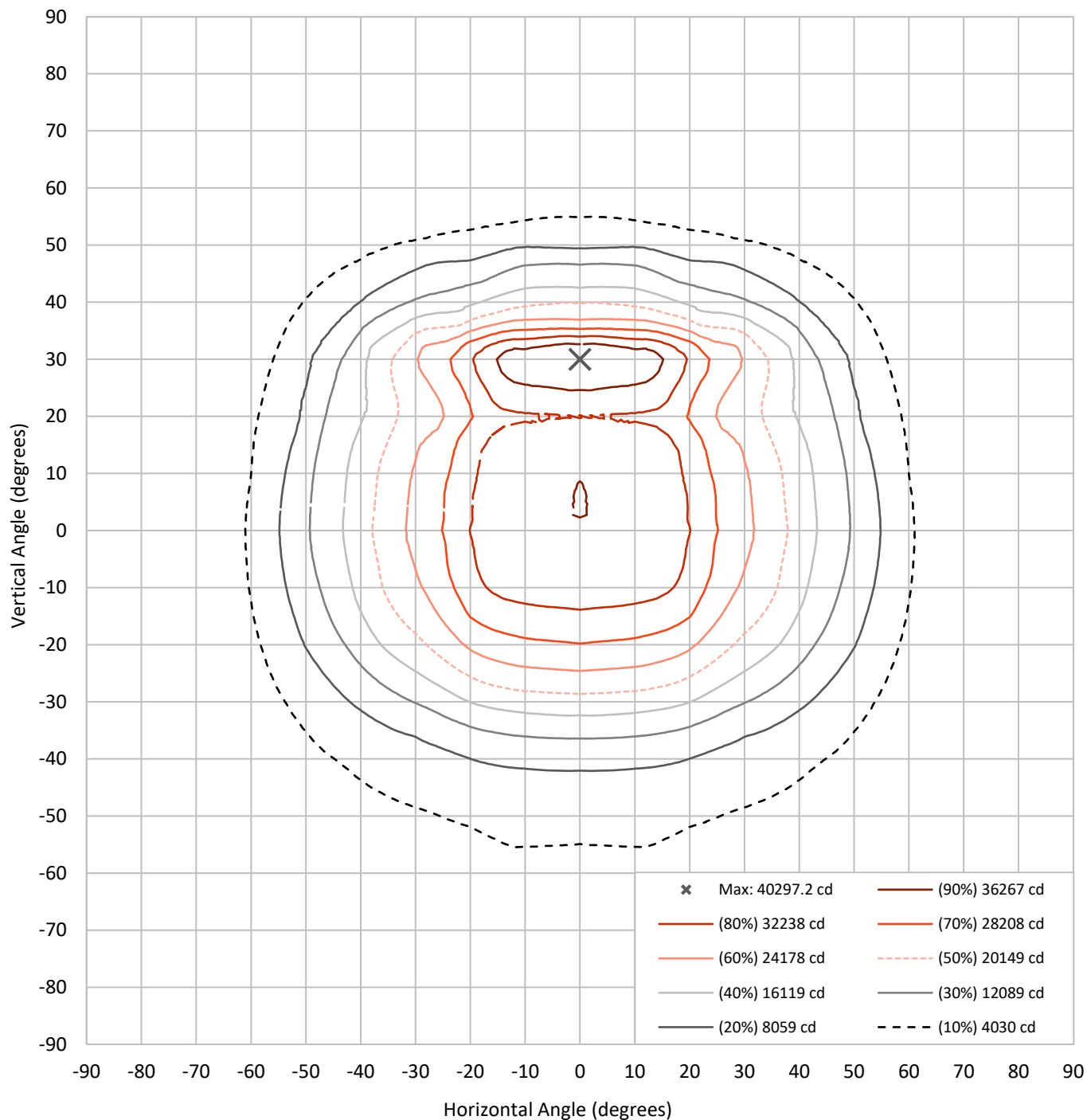
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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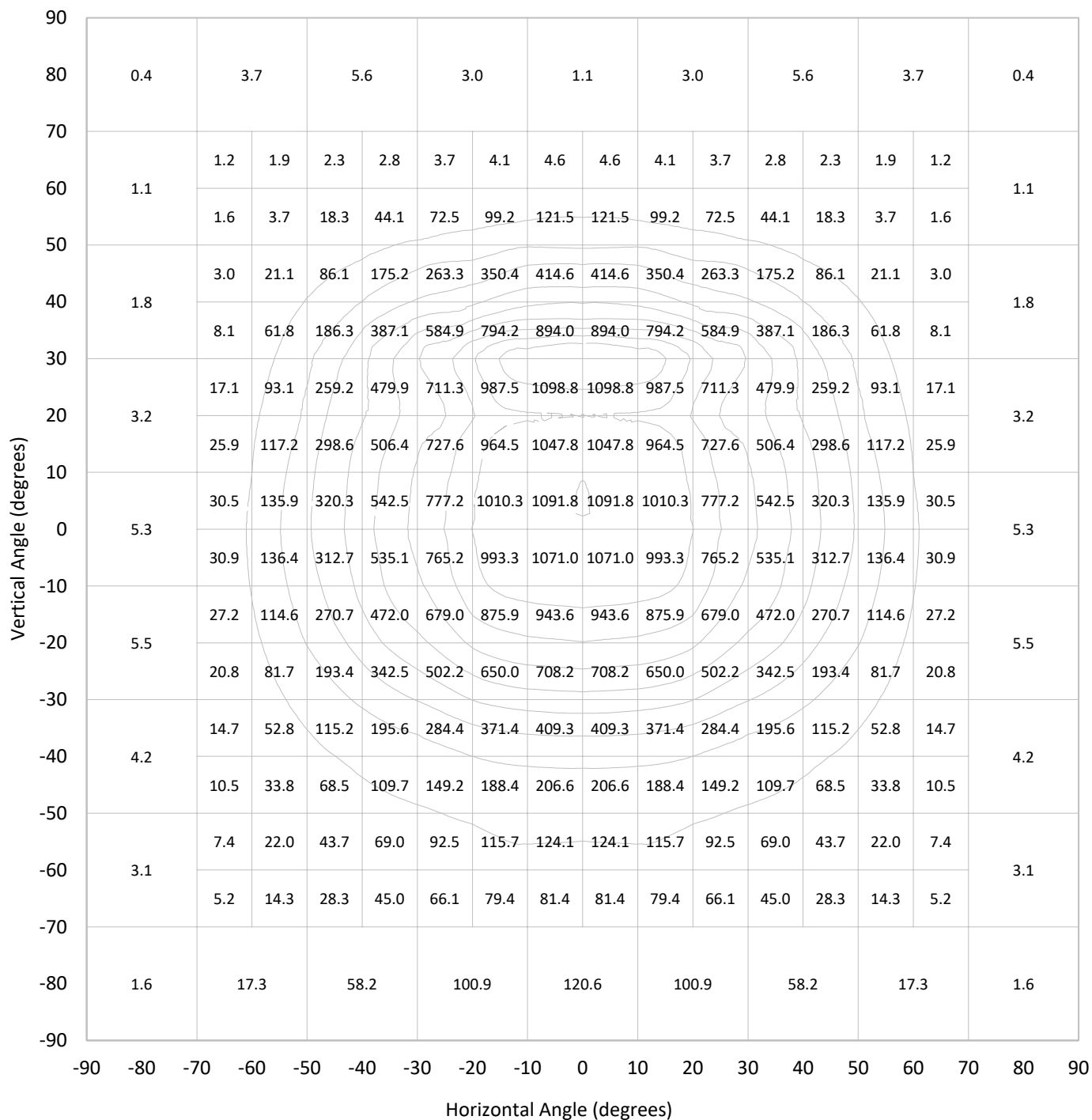
Iso-Candela Plot



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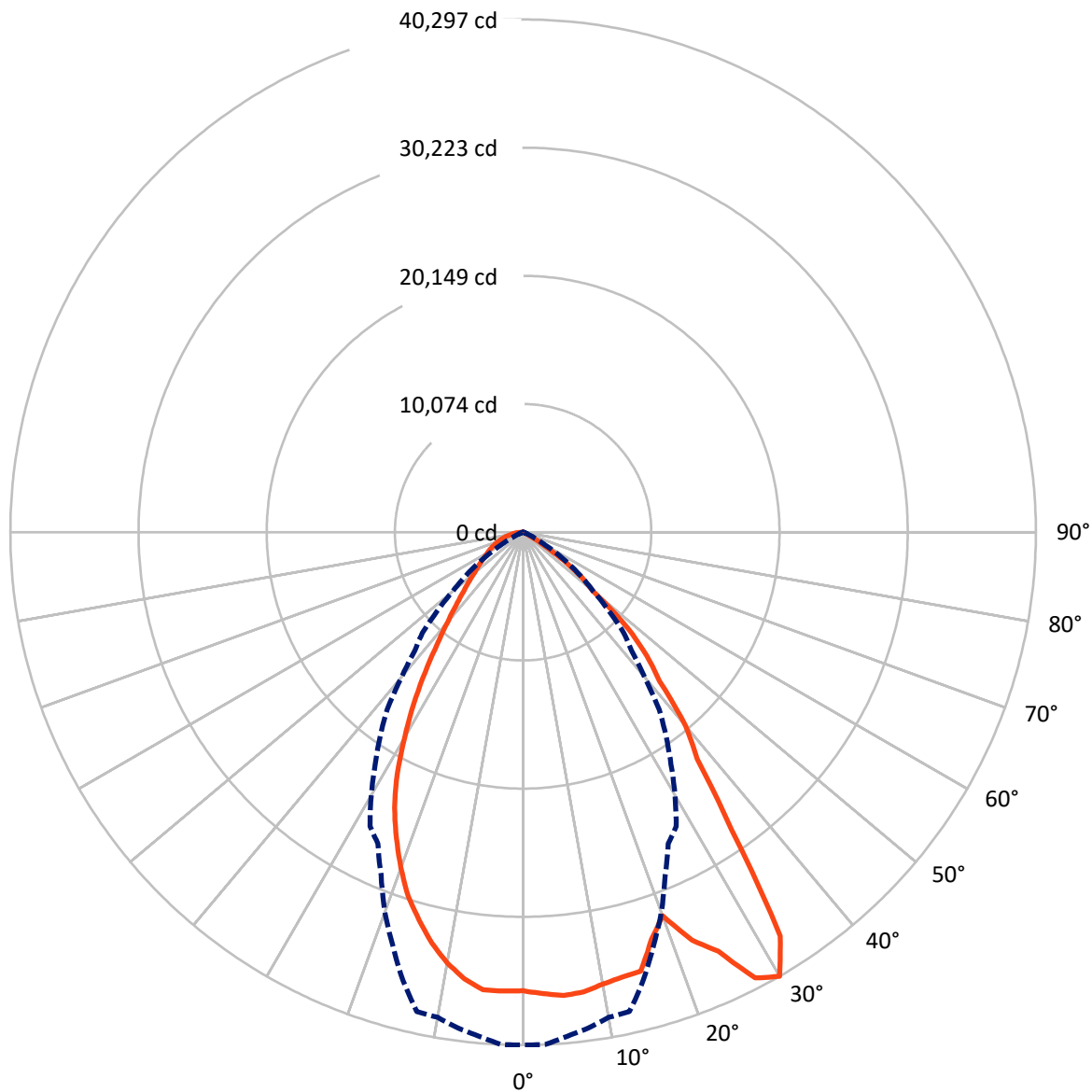
Lumen Table



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Luminous Intensity Polar Plot



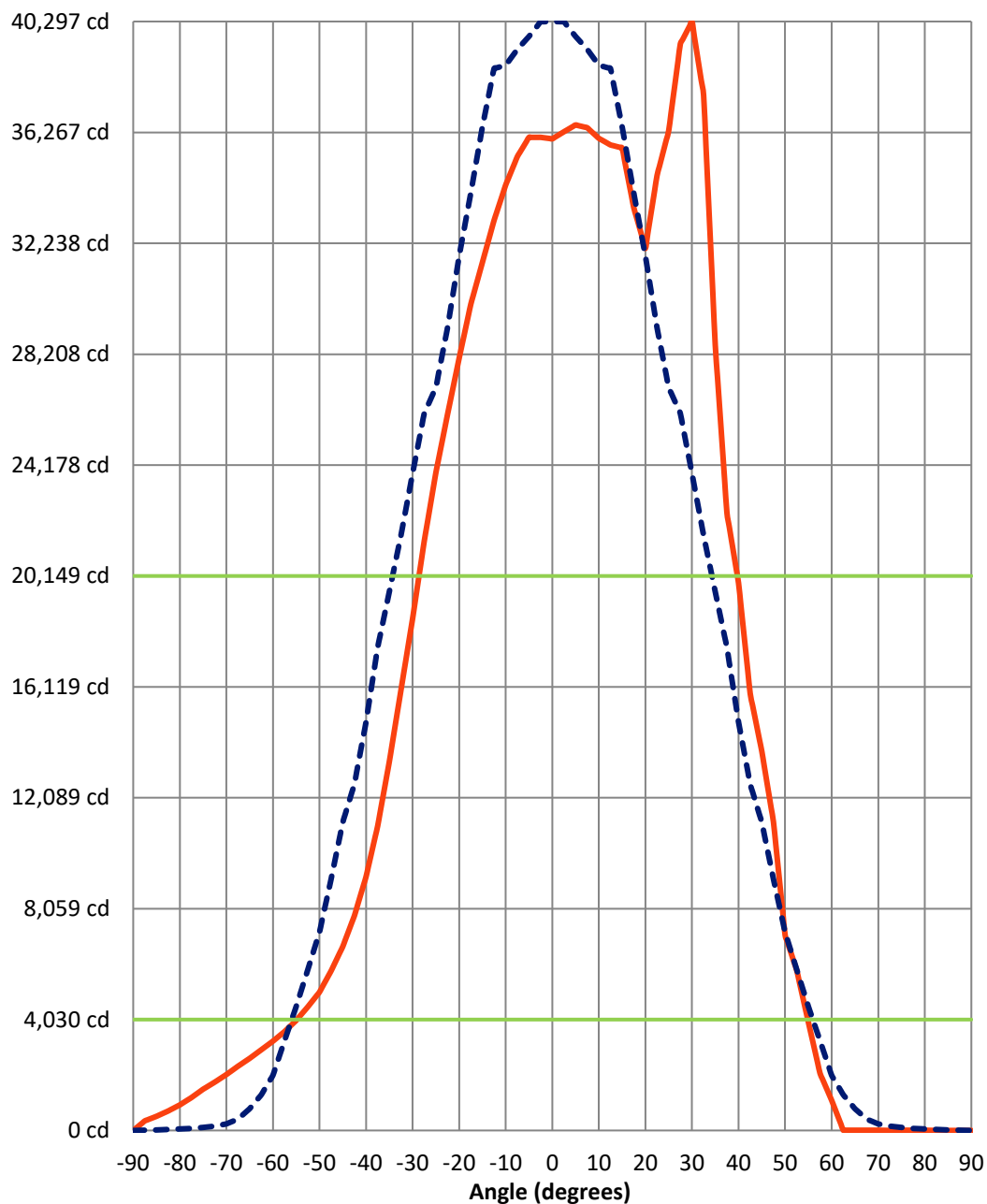
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 36824.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 54420.1

Efficiency: 94.3%

Spill:

Lumens: 3303.2

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	9.2	9.2	9.2	9.2	9.2	9.2	9.2
85°	0.0	9.2	9.2	9.2	18.4	18.4	18.4	18.4	18.4	18.4	27.6
82.5°	0.0	9.2	9.2	9.2	18.4	18.4	18.4	18.4	27.6	27.6	36.8
80°	9.2	9.2	9.2	9.2	18.4	18.4	18.4	27.6	27.6	36.8	36.8
77.5°	9.2	9.2	9.2	18.4	18.4	18.4	27.6	27.6	36.8	36.8	45.9
75°	9.2	9.2	9.2	18.4	18.4	27.6	27.6	27.6	36.8	36.8	45.9
72.5°	0.0	9.2	9.2	18.4	18.4	27.6	27.6	27.6	36.8	36.8	36.8
70°	9.2	9.2	9.2	18.4	18.4	27.6	27.6	27.6	36.8	36.8	36.8
67.5°	9.2	9.2	9.2	18.4	18.4	27.6	27.6	36.8	36.8	36.8	45.9
65°	9.2	9.2	9.2	18.4	27.6	27.6	36.8	45.9	45.9	55.1	64.3
62.5°	9.2	18.4	18.4	27.6	36.8	45.9	101.1	156.2	156.2	110.3	91.9
60°	1093.6	1185.5	1176.3	1066.0	928.2	781.1	753.6	726.0	670.9	588.1	615.7
57.5°	2076.9	2187.2	2233.1	2205.6	2132.0	2003.4	1929.9	1847.1	1736.9	1608.2	1461.2
55°	3933.2	3979.2	3878.1	3685.1	3473.7	3262.4	3188.9	3078.6	2913.2	2747.7	2527.2
52.5°	5817.1	5973.4	5927.4	5734.4	5449.5	5072.8	4659.2	4337.6	4144.6	3960.8	3740.2
50°	7103.7	7168.0	7296.7	7526.4	7609.1	7351.8	6681.0	5817.1	5201.4	5513.9	5274.9
47.5°	11211.5	11533.2	11468.9	11303.4	11027.8	10329.3	9392.0	8620.0	7976.7	7765.4	7802.1
45°	13775.5	13904.2	13858.2	13784.7	13656.0	13003.6	11965.1	10779.6	10182.3	9943.4	9695.2
42.5°	15880.0	16017.8	16045.4	16054.6	15916.7	15319.4	14382.0	13196.5	12599.2	11910.0	11367.8
40°	19895.9	20098.1	19868.3	19565.1	19105.6	18425.5	17506.6	16413.0	15356.1	14510.7	13867.4
37.5°	22459.9	22708.0	22799.9	22781.5	22680.4	22386.3	21256.0	20217.5	18600.1	16707.0	17047.1
35°	28543.5	28800.8	28727.3	28451.6	28304.6	27992.1	26889.3	25657.9	23627.0	21568.4	21017.1
32.5°	37613.8	38174.4	37126.8	35978.0	35270.4	35518.5	34397.4	31383.1	30445.8	26733.1	25014.6
30°	40297.2	40288.1	39755.0	39286.4	38707.4	38587.9	36474.3	34066.6	31769.1	29168.4	26999.6
27.5°	39479.4	39313.9	38863.6	38523.6	37981.4	37696.5	35628.8	33717.4	31061.5	28736.5	26641.2
25°	36327.3	36455.9	35996.4	35932.1	35720.7	35169.3	34140.1	31989.7	29618.7	27045.6	25538.4
22.5°	34700.7	34654.7	34103.3	33781.7	34039.0	33450.8	33037.3	30868.5	28396.5	26227.7	24417.3
20°	32054.0	32063.2	31925.3	31897.8	31741.5	31475.0	31144.2	29609.5	27863.5	26007.1	23829.1
17.5°	33533.6	33910.3	34075.8	32706.5	33092.4	32789.2	32440.0	30298.7	28984.6	27339.6	24500.0
15°	35702.3	35564.5	35399.1	35325.6	35114.2	34829.3	34195.2	32485.9	30225.2	28525.1	26310.4
12.5°	35812.6	35546.1	35481.8	35472.6	35252.0	34856.9	34241.2	32825.9	30822.6	28754.9	26953.7
10°	36051.6	35775.9	35739.1	35785.1	35445.0	35196.9	34581.2	33267.1	31006.4	29150.0	27449.9
7.5°	36437.5	35978.0	36189.4	36051.6	35895.3	35500.2	34838.5	33551.9	31677.2	29673.8	27891.0
5°	36538.6	36033.2	36262.9	36134.3	35904.5	35518.5	34801.7	33735.7	32090.8	29885.2	28065.6
2.5°	36290.5	36143.5	36042.4	35803.4	35702.3	35279.6	34599.6	33460.0	31897.8	29793.3	28028.9
0°	36033.2	36161.8	35932.1	35693.2	35647.2	35307.2	34728.2	33699.0	32348.1	30050.6	28341.3
-2.5°	36088.3	35987.2	35831.0	35582.9	35343.9	34856.9	34333.1	33368.1	31916.2	29490.0	27900.2
-5°	36088.3	35619.6	35638.0	35647.2	35408.3	34902.8	34268.7	33450.8	31658.8	29480.9	27771.6
-7.5°	35389.9	34985.5	34921.2	34866.1	34801.7	34333.1	33836.8	32816.8	31226.9	29241.9	27413.2
-10°	34360.6	33965.5	34002.2	33919.5	33717.4	33404.9	33028.1	32109.1	30804.2	28488.4	26687.2
-12.5°	33074.1	32899.5	32798.4	32660.5	32458.3	32182.7	31796.7	30932.8	29536.0	27560.2	25850.9
-15°	31548.6	31419.9	31328.0	31245.3	30951.2	30666.3	30160.9	29361.4	28488.4	26365.5	24619.5
-17.5°	30023.1	29701.4	29572.8	29462.5	29269.5	28810.0	28350.5	27753.2	26530.9	24849.2	23351.3
-20°	28065.6	27872.6	27716.4	27569.4	27293.7	26935.3	26558.5	25869.3	24812.4	23452.4	21899.3

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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°	26016.3	25906.0	25777.4	25593.6	25409.8	25069.8	24545.9	23884.3	23057.2	21586.8	20134.8
-25°	23902.7	23691.3	23535.1	23360.5	23213.4	22901.0	22395.5	21761.4	20723.0	19454.8	18241.7
-27.5°	21412.2	21210.0	21127.3	20925.2	20796.5	20511.6	20006.2	19418.0	18480.7	17414.7	16183.2
-30°	18600.1	18636.9	18545.0	18352.0	18195.8	17828.2	17442.2	16946.0	16210.8	15190.7	14088.0
-32.5°	15999.4	16045.4	15935.1	15732.9	15530.8	15264.2	14905.8	14455.5	13904.2	12930.0	11974.3
-35°	13398.7	13380.3	13288.4	13169.0	13031.1	12810.6	12406.2	12066.2	11432.1	10752.1	10090.4
-37.5°	11064.5	11110.5	11082.9	11018.6	10862.3	10678.5	10347.7	10035.3	9566.6	8969.2	8454.6
-40°	9217.4	9272.5	9235.7	9171.4	9033.6	8923.3	8702.7	8427.0	8050.3	7535.6	7103.7
-42.5°	7802.1	7838.9	7792.9	7737.8	7618.3	7535.6	7361.0	7131.3	6818.8	6423.7	6037.7
-45°	6681.0	6690.2	6644.2	6607.5	6515.6	6414.5	6267.4	6083.6	5835.5	5559.8	5247.4
-47.5°	5798.8	5789.6	5743.6	5706.9	5633.3	5541.4	5422.0	5256.6	5063.6	4852.2	4604.1
-50°	5026.8	5072.8	5054.4	5017.6	4962.5	4898.2	4778.7	4604.1	4411.1	4254.9	4080.3
-52.5°	4493.8	4503.0	4493.8	4493.8	4484.6	4438.7	4300.8	4126.2	3914.9	3777.0	3630.0
-55°	3997.6	4043.5	4061.9	4080.3	4089.5	4089.5	3924.0	3740.2	3538.1	3400.2	3289.9
-57.5°	3593.2	3620.8	3639.2	3685.1	3721.9	3749.4	3602.4	3437.0	3280.8	3152.1	3051.0
-60°	3244.0	3280.8	3308.3	3354.3	3381.8	3400.2	3308.3	3198.0	3106.2	3023.4	2876.4
-62.5°	2931.5	2959.1	2986.7	3014.3	3041.8	3060.2	3023.4	2968.3	2922.4	2885.6	2701.8
-65°	2619.1	2646.7	2674.2	2711.0	2738.6	2756.9	2747.7	2711.0	2674.2	2637.5	2472.1
-67.5°	2334.2	2361.8	2398.5	2407.7	2426.1	2435.3	2416.9	2389.3	2343.4	2297.4	2168.8
-70°	2030.9	2049.3	2067.7	2067.7	2067.7	2058.5	2040.1	2003.4	1957.4	1893.1	1792.0
-72.5°	1755.3	1773.6	1792.0	1764.4	1746.1	1718.5	1690.9	1645.0	1599.0	1553.1	1497.9
-75°	1497.9	1507.1	1507.1	1470.4	1442.8	1415.2	1378.5	1350.9	1305.0	1268.2	1222.2
-77.5°	1194.7	1194.7	1194.7	1167.1	1148.7	1130.3	1102.8	1075.2	1038.4	1010.9	974.1
-80°	928.2	928.2	928.2	919.0	891.4	873.0	854.7	836.3	808.7	790.3	771.9
-82.5°	707.6	707.6	707.6	698.4	680.0	670.9	652.5	634.1	624.9	606.5	597.3
-85°	514.6	523.8	523.8	514.6	505.4	487.1	477.9	468.7	459.5	450.3	431.9
-87.5°	349.2	349.2	349.2	340.0	330.8	330.8	321.6	303.3	284.9	275.7	266.5
-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°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
85°	27.6	27.6	27.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	27.6
82.5°	45.9	45.9	55.1	55.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
80°	45.9	55.1	64.3	73.5	82.7	91.9	91.9	91.9	91.9	82.7	82.7
77.5°	55.1	55.1	64.3	73.5	82.7	91.9	101.1	110.3	101.1	101.1	101.1
75°	55.1	64.3	64.3	73.5	82.7	91.9	101.1	110.3	110.3	110.3	110.3
72.5°	45.9	55.1	64.3	73.5	73.5	82.7	91.9	91.9	101.1	101.1	110.3
70°	45.9	55.1	64.3	64.3	73.5	73.5	82.7	91.9	91.9	101.1	101.1
67.5°	55.1	64.3	64.3	73.5	82.7	82.7	82.7	91.9	91.9	101.1	101.1
65°	64.3	73.5	73.5	82.7	91.9	91.9	101.1	101.1	101.1	110.3	110.3
62.5°	110.3	110.3	110.3	101.1	110.3	110.3	110.3	119.5	119.5	110.3	119.5
60°	569.8	413.5	284.9	358.4	321.6	147.0	147.0	147.0	137.8	137.8	128.7
57.5°	1341.7	1249.8	1075.2	909.8	817.9	726.0	450.3	183.8	183.8	165.4	147.0
55°	2242.3	1939.0	1810.4	1589.8	1350.9	1240.6	1029.3	698.4	330.8	220.6	193.0
52.5°	3473.7	3188.9	2858.0	2407.7	2086.1	1828.8	1654.2	1314.1	882.2	468.7	294.1
50°	4650.0	4521.4	4319.2	3878.1	3207.2	2775.3	2490.4	2104.5	1580.6	964.9	551.4
47.5°	7489.7	6414.5	5762.0	5422.0	4861.4	4043.5	3492.1	3060.2	2426.1	1626.6	974.1
45°	9428.7	8748.7	7710.2	6993.4	6166.4	5302.5	4585.7	4089.5	3335.9	2435.3	1525.5
42.5°	11092.1	10503.9	9566.6	8518.9	7645.9	6515.6	5596.6	4944.1	4310.0	3326.7	2279.1
40°	13233.3	12534.9	11634.3	10614.2	9594.1	8151.3	6662.6	5872.3	5173.9	4300.8	3078.6
37.5°	16762.2	15530.8	14060.4	12930.0	11597.5	10375.3	8335.1	6938.3	6111.2	5201.4	4015.9
35°	21007.9	19657.0	17203.3	15705.4	13922.5	12103.0	10265.0	8197.3	7021.0	6056.1	4879.8
32.5°	24959.5	22983.7	19840.8	18085.5	16900.0	13545.8	11643.5	9851.5	7958.4	6772.9	5376.0
30°	26053.1	23875.1	21623.6	19574.3	17552.5	14841.5	12590.0	11193.2	9134.7	7204.8	5844.7
27.5°	24950.3	23452.4	21706.3	19804.0	17616.8	15291.8	13169.0	11836.5	9998.5	7498.9	6212.3
25°	23829.1	22266.9	21044.6	19454.8	17433.0	15264.2	13187.4	12240.8	10669.3	8068.6	6414.5
22.5°	22643.6	21669.5	20658.7	18885.0	16973.5	15347.0	13784.7	12590.0	11018.6	8711.9	6497.2
20°	22708.0	22073.9	20961.9	18591.0	16890.8	15834.0	14501.5	13031.1	11395.3	9272.5	6561.5
17.5°	23737.2	22910.2	21513.3	19454.8	17635.2	16330.3	15098.8	13637.7	11781.3	9768.7	7342.6
15°	25005.4	23746.4	22285.2	20474.9	18416.3	16872.5	15558.3	14060.4	12222.4	10228.2	8041.1
12.5°	25924.4	24132.4	22763.1	21127.3	19261.8	17460.6	15861.6	14382.0	12636.0	10605.0	8564.9
10°	26236.9	24610.3	22992.9	21531.7	19693.7	17773.1	16091.3	14584.2	12994.4	10899.1	8950.9
7.5°	26402.3	25023.8	23149.1	21715.5	19951.0	17966.0	16275.1	14694.5	13279.3	11101.3	9199.0
5°	26383.9	25244.4	23268.6	21770.6	20088.9	18048.8	16403.8	14722.0	13481.4	11275.9	9346.0
2.5°	26301.2	25391.4	23461.5	21862.5	20364.6	18205.0	16651.9	14777.2	13554.9	11468.9	9447.1
0°	26604.5	25400.6	23663.7	21890.1	20548.4	18260.1	16762.2	14731.2	13453.9	11524.0	9437.9
-2.5°	25952.0	24858.4	23617.8	21651.2	20300.3	18131.5	16560.0	14584.2	13233.3	11459.7	9401.2
-5°	25841.7	24463.2	23231.8	21430.6	19886.7	17865.0	16183.2	14308.5	12884.1	11248.3	9254.1
-7.5°	25547.6	24086.4	22855.0	21256.0	19500.7	17589.3	15824.8	14023.6	12507.3	10917.5	9042.8
-10°	24904.3	23507.5	22450.7	20879.2	19032.1	17194.1	15392.9	13646.8	12066.2	10467.2	8711.9
-12.5°	23985.4	22588.5	21540.9	20079.7	18443.9	16661.1	14878.3	13159.8	11560.8	9989.3	8316.8
-15°	22946.9	21531.7	20484.0	19151.5	17570.9	15834.0	14225.8	12544.1	10981.8	9483.9	7848.1
-17.5°	21770.6	20428.9	19418.0	18122.3	16550.8	14896.7	13297.6	11772.1	10310.9	8960.0	7305.9
-20°	20410.5	19105.6	18177.4	16881.6	15438.9	13830.6	12277.6	10834.8	9520.6	8252.4	6708.5

REPORT NUMBER: P722505

CATALOG NUMBER: IFLD-L-SA7E-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°	18728.8	17580.1	16523.2	15365.3	14106.3	12636.0	11193.2	9915.8	8656.8	7416.2	6092.8
-25°	17010.3	15898.3	14869.1	13812.3	12608.4	11340.2	10108.8	8950.9	7719.4	6598.3	5495.5
-27.5°	15098.8	14106.3	13187.4	12213.2	11110.5	10016.9	9006.0	7875.7	6809.6	5853.9	4907.3
-30°	13058.7	12250.0	11450.5	10586.6	9695.2	8776.3	7875.7	6809.6	5973.4	5210.6	4411.1
-32.5°	11101.3	10375.3	9732.0	9088.7	8316.8	7563.2	6763.7	5973.4	5274.9	4604.1	3933.2
-35°	9382.8	8610.8	8252.4	7737.8	7122.1	6442.0	5789.6	5238.2	4677.6	4071.1	3473.7
-37.5°	7894.0	7397.8	6975.1	6589.1	6102.0	5513.9	5045.2	4594.9	4126.2	3574.8	3060.2
-40°	6726.9	6368.5	5945.8	5660.9	5265.8	4843.0	4374.3	3997.6	3602.4	3152.1	2729.4
-42.5°	5789.6	5495.5	5219.8	4916.5	4622.5	4264.1	3859.7	3501.3	3142.9	2812.1	2462.9
-45°	5017.6	4806.3	4585.7	4337.6	4080.3	3767.8	3437.0	3069.4	2812.1	2518.0	2223.9
-47.5°	4383.5	4227.3	4043.5	3850.5	3630.0	3354.3	3051.0	2784.5	2518.0	2269.9	1985.0
-50°	3878.1	3731.1	3584.0	3418.6	3225.6	2986.7	2756.9	2508.8	2260.7	2021.8	1755.3
-52.5°	3455.4	3326.7	3207.2	3069.4	2885.6	2683.4	2472.1	2251.5	2021.8	1782.8	1571.5
-55°	3161.3	3014.3	2894.8	2756.9	2591.5	2398.5	2205.6	2003.4	1782.8	1599.0	1424.4
-57.5°	2922.4	2756.9	2619.1	2472.1	2306.6	2141.2	1966.6	1782.8	1617.4	1442.8	1277.4
-60°	2720.2	2527.2	2371.0	2223.9	2067.7	1911.5	1764.4	1608.2	1452.0	1295.8	1130.3
-62.5°	2508.8	2306.6	2113.7	1975.8	1856.3	1718.5	1589.8	1442.8	1305.0	1148.7	1029.3
-65°	2269.9	2076.9	1893.1	1773.6	1663.4	1543.9	1424.4	1295.8	1176.3	1056.8	946.5
-67.5°	2003.4	1838.0	1709.3	1599.0	1488.7	1387.7	1277.4	1167.1	1066.0	946.5	836.3
-70°	1681.7	1589.8	1516.3	1433.6	1332.5	1240.6	1139.5	1038.4	928.2	827.1	726.0
-72.5°	1433.6	1378.5	1323.3	1240.6	1148.7	1066.0	983.3	891.4	799.5	707.6	624.9
-75°	1176.3	1130.3	1084.4	1029.3	955.7	891.4	817.9	735.2	661.7	597.3	533.0
-77.5°	946.5	909.8	882.2	836.3	781.1	726.0	680.0	624.9	569.8	505.4	441.1
-80°	753.6	735.2	726.0	707.6	661.7	615.7	579.0	533.0	477.9	431.9	386.0
-82.5°	588.1	588.1	579.0	569.8	533.0	496.2	468.7	431.9	395.2	358.4	312.5
-85°	431.9	422.7	422.7	413.5	386.0	367.6	340.0	321.6	294.1	257.3	238.9
-87.5°	257.3	248.1	238.9	229.7	211.4	202.2	183.8	174.6	156.2	137.8	128.7
-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-L-SA7E-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°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	0.0	0.0
85°	27.6	18.4	18.4	18.4	18.4	18.4	9.2	9.2	9.2	9.2	9.2
82.5°	55.1	55.1	45.9	45.9	36.8	27.6	18.4	18.4	18.4	9.2	9.2
80°	82.7	82.7	82.7	73.5	64.3	45.9	36.8	27.6	18.4	9.2	9.2
77.5°	101.1	91.9	91.9	82.7	82.7	73.5	55.1	45.9	27.6	18.4	9.2
75°	101.1	101.1	101.1	91.9	91.9	82.7	73.5	55.1	45.9	27.6	18.4
72.5°	110.3	101.1	101.1	101.1	91.9	82.7	73.5	64.3	55.1	36.8	18.4
70°	101.1	101.1	101.1	101.1	91.9	91.9	73.5	64.3	64.3	36.8	27.6
67.5°	101.1	101.1	101.1	91.9	91.9	82.7	73.5	64.3	64.3	45.9	27.6
65°	110.3	101.1	101.1	101.1	91.9	82.7	73.5	64.3	64.3	55.1	36.8
62.5°	119.5	110.3	110.3	101.1	91.9	82.7	73.5	64.3	64.3	55.1	36.8
60°	128.7	119.5	110.3	110.3	101.1	91.9	73.5	73.5	64.3	55.1	36.8
57.5°	137.8	128.7	128.7	119.5	110.3	101.1	82.7	73.5	64.3	55.1	45.9
55°	165.4	147.0	137.8	137.8	128.7	110.3	91.9	73.5	64.3	55.1	45.9
52.5°	220.6	174.6	156.2	156.2	147.0	128.7	101.1	82.7	64.3	55.1	45.9
50°	349.2	220.6	183.8	165.4	165.4	147.0	119.5	91.9	64.3	55.1	45.9
47.5°	551.4	367.6	220.6	193.0	183.8	174.6	137.8	91.9	73.5	55.1	45.9
45°	909.8	542.2	358.4	229.7	193.0	183.8	156.2	101.1	73.5	64.3	45.9
42.5°	1249.8	845.5	551.4	275.7	229.7	202.2	165.4	110.3	82.7	64.3	45.9
40°	1966.6	1157.9	771.9	450.3	266.5	211.4	183.8	128.7	82.7	64.3	45.9
37.5°	2665.0	1534.7	1038.4	661.7	303.3	238.9	193.0	137.8	91.9	64.3	55.1
35°	3363.5	2150.4	1286.6	882.2	404.4	284.9	202.2	147.0	91.9	64.3	55.1
32.5°	3988.4	2729.4	1543.9	1102.8	606.5	340.0	220.6	156.2	101.1	73.5	55.1
30°	4503.0	3262.4	2003.4	1295.8	790.3	413.5	238.9	156.2	110.3	73.5	55.1
27.5°	4889.0	3675.9	2472.1	1497.9	946.5	487.1	275.7	174.6	110.3	73.5	55.1
25°	5201.4	3997.6	2885.6	1709.3	1084.4	606.5	330.8	183.8	119.5	82.7	55.1
22.5°	5449.5	4264.1	3225.6	1994.2	1249.8	726.0	404.4	202.2	119.5	82.7	55.1
20°	5789.6	4530.6	3455.4	2297.4	1424.4	836.3	468.7	220.6	119.5	82.7	64.3
17.5°	6083.6	4797.1	3639.2	2554.8	1599.0	919.0	542.2	238.9	128.7	82.7	64.3
15°	6423.7	5054.4	3804.6	2756.9	1764.4	992.5	606.5	257.3	128.7	91.9	64.3
12.5°	6791.3	5293.3	3924.0	2922.4	1939.0	1056.8	661.7	294.1	137.8	91.9	64.3
10°	7168.0	5495.5	4025.1	3041.8	2067.7	1121.2	698.4	330.8	147.0	91.9	64.3
7.5°	7544.8	5679.3	4153.8	3097.0	2122.8	1194.7	716.8	367.6	147.0	101.1	64.3
5°	7802.1	5798.8	4337.6	3133.7	2150.4	1277.4	744.4	413.5	156.2	101.1	64.3
2.5°	8022.7	5872.3	4530.6	3161.3	2159.6	1323.3	735.2	441.1	165.4	101.1	64.3
0°	8123.8	5872.3	4659.2	3142.9	2132.0	1369.3	735.2	468.7	165.4	101.1	64.3
-2.5°	7967.6	6037.7	4622.5	3152.1	2141.2	1369.3	771.9	477.9	183.8	110.3	64.3
-5°	7719.4	6102.0	4512.2	3106.2	2122.8	1369.3	817.9	487.1	193.0	110.3	73.5
-7.5°	7480.5	6129.6	4383.5	3060.2	2095.3	1332.5	827.1	477.9	211.4	119.5	73.5
-10°	7168.0	5826.3	4218.1	2977.5	2040.1	1305.0	845.5	477.9	220.6	119.5	73.5
-12.5°	6809.6	5458.7	4015.9	2858.0	1975.8	1277.4	854.7	477.9	229.7	128.7	73.5
-15°	6396.1	5082.0	3786.2	2729.4	1883.9	1240.6	836.3	468.7	238.9	128.7	82.7
-17.5°	5927.4	4714.4	3547.3	2573.1	1782.8	1194.7	799.5	459.5	238.9	128.7	82.7
-20°	5394.4	4346.8	3280.8	2416.9	1663.4	1139.5	762.8	441.1	238.9	128.7	82.7

REPORT NUMBER: P722505

CATALOG NUMBER: IFLD-L-SA7E-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°	4916.5	4006.7	3005.1	2242.3	1534.7	1075.2	716.8	422.7	238.9	137.8	82.7
-25°	4521.4	3675.9	2793.7	2067.7	1396.8	1001.7	670.9	404.4	238.9	137.8	82.7
-27.5°	4107.8	3317.5	2573.1	1902.3	1305.0	937.4	624.9	386.0	229.7	137.8	82.7
-30°	3685.1	2968.3	2343.4	1718.5	1213.1	873.0	588.1	358.4	229.7	137.8	82.7
-32.5°	3299.1	2683.4	2132.0	1534.7	1112.0	808.7	551.4	349.2	220.6	137.8	82.7
-35°	2922.4	2426.1	1911.5	1387.7	1001.7	744.4	514.6	340.0	220.6	137.8	82.7
-37.5°	2609.9	2187.2	1709.3	1286.6	937.4	689.2	477.9	321.6	211.4	137.8	82.7
-40°	2352.6	1966.6	1516.3	1176.3	882.2	634.1	441.1	312.5	211.4	137.8	82.7
-42.5°	2113.7	1755.3	1396.8	1084.4	827.1	597.3	413.5	303.3	202.2	137.8	82.7
-45°	1902.3	1571.5	1277.4	1001.7	762.8	551.4	395.2	284.9	193.0	137.8	91.9
-47.5°	1690.9	1442.8	1167.1	928.2	698.4	496.2	376.8	275.7	183.8	128.7	91.9
-50°	1525.5	1305.0	1075.2	845.5	634.1	477.9	358.4	257.3	183.8	128.7	91.9
-52.5°	1378.5	1176.3	974.1	762.8	579.0	450.3	340.0	238.9	174.6	128.7	91.9
-55°	1240.6	1056.8	873.0	680.0	542.2	422.7	312.5	220.6	174.6	128.7	91.9
-57.5°	1102.8	946.5	771.9	615.7	496.2	395.2	294.1	220.6	174.6	128.7	91.9
-60°	992.5	845.5	698.4	569.8	459.5	358.4	266.5	211.4	165.4	128.7	91.9
-62.5°	900.6	762.8	634.1	514.6	422.7	321.6	257.3	211.4	165.4	128.7	82.7
-65°	808.7	689.2	569.8	468.7	376.8	303.3	248.1	202.2	165.4	128.7	82.7
-67.5°	716.8	606.5	514.6	413.5	349.2	294.1	238.9	202.2	156.2	119.5	82.7
-70°	624.9	533.0	450.3	386.0	330.8	275.7	229.7	193.0	156.2	110.3	73.5
-72.5°	551.4	468.7	404.4	358.4	312.5	266.5	220.6	183.8	147.0	101.1	64.3
-75°	468.7	413.5	367.6	321.6	284.9	248.1	211.4	165.4	128.7	91.9	64.3
-77.5°	395.2	358.4	321.6	294.1	257.3	220.6	183.8	147.0	119.5	82.7	55.1
-80°	340.0	312.5	284.9	257.3	229.7	193.0	165.4	128.7	101.1	73.5	45.9
-82.5°	275.7	257.3	229.7	211.4	193.0	165.4	137.8	110.3	73.5	55.1	36.8
-85°	211.4	193.0	183.8	165.4	147.0	119.5	91.9	73.5	55.1	36.8	18.4
-87.5°	110.3	101.1	91.9	82.7	73.5	55.1	45.9	36.8	27.6	18.4	9.2
-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: P722505

CATALOG NUMBER: IFLD-L-SA7E-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°	9.2	0.0	0.0	0.0
77.5°	9.2	0.0	0.0	0.0
75°	9.2	9.2	0.0	0.0
72.5°	9.2	9.2	0.0	0.0
70°	9.2	9.2	0.0	0.0
67.5°	18.4	9.2	0.0	0.0
65°	18.4	9.2	0.0	0.0
62.5°	18.4	9.2	0.0	0.0
60°	18.4	9.2	0.0	0.0
57.5°	27.6	9.2	9.2	0.0
55°	27.6	9.2	9.2	0.0
52.5°	27.6	9.2	9.2	0.0
50°	27.6	18.4	9.2	0.0
47.5°	27.6	18.4	9.2	0.0
45°	27.6	18.4	9.2	0.0
42.5°	27.6	18.4	9.2	0.0
40°	36.8	18.4	9.2	0.0
37.5°	36.8	18.4	9.2	0.0
35°	36.8	18.4	9.2	0.0
32.5°	36.8	18.4	9.2	0.0
30°	36.8	18.4	9.2	0.0
27.5°	36.8	27.6	9.2	0.0
25°	36.8	27.6	9.2	0.0
22.5°	45.9	27.6	9.2	0.0
20°	45.9	27.6	9.2	0.0
17.5°	45.9	27.6	9.2	0.0
15°	45.9	27.6	9.2	0.0
12.5°	45.9	27.6	9.2	0.0
10°	45.9	27.6	9.2	0.0
7.5°	45.9	27.6	9.2	0.0
5°	45.9	27.6	9.2	0.0
2.5°	45.9	27.6	9.2	0.0
0°	45.9	27.6	9.2	0.0
-2.5°	45.9	27.6	9.2	0.0
-5°	45.9	27.6	9.2	0.0
-7.5°	45.9	27.6	9.2	0.0
-10°	45.9	27.6	9.2	0.0
-12.5°	55.1	27.6	9.2	0.0
-15°	55.1	27.6	9.2	0.0
-17.5°	55.1	27.6	9.2	0.0
-20°	55.1	27.6	9.2	0.0

REPORT NUMBER: P722505

CATALOG NUMBER: IFLD-L-SA7E-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	55.1	27.6	9.2	0.0
-25°	55.1	27.6	9.2	0.0
-27.5°	55.1	27.6	9.2	0.0
-30°	55.1	27.6	9.2	0.0
-32.5°	55.1	27.6	9.2	0.0
-35°	55.1	27.6	9.2	0.0
-37.5°	55.1	27.6	9.2	0.0
-40°	55.1	27.6	9.2	0.0
-42.5°	45.9	27.6	9.2	0.0
-45°	55.1	27.6	9.2	0.0
-47.5°	55.1	27.6	9.2	0.0
-50°	55.1	27.6	9.2	0.0
-52.5°	55.1	27.6	9.2	0.0
-55°	55.1	27.6	9.2	0.0
-57.5°	55.1	27.6	9.2	0.0
-60°	55.1	27.6	9.2	0.0
-62.5°	45.9	27.6	9.2	0.0
-65°	45.9	18.4	9.2	0.0
-67.5°	45.9	18.4	9.2	0.0
-70°	45.9	18.4	9.2	0.0
-72.5°	36.8	18.4	9.2	0.0
-75°	36.8	18.4	9.2	0.0
-77.5°	27.6	9.2	0.0	0.0
-80°	27.6	9.2	0.0	0.0
-82.5°	18.4	9.2	0.0	0.0
-85°	9.2	9.2	0.0	0.0
-87.5°	9.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)