

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: P722447

Luminaire Tested: **IFLD-L-SA7E-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722447
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

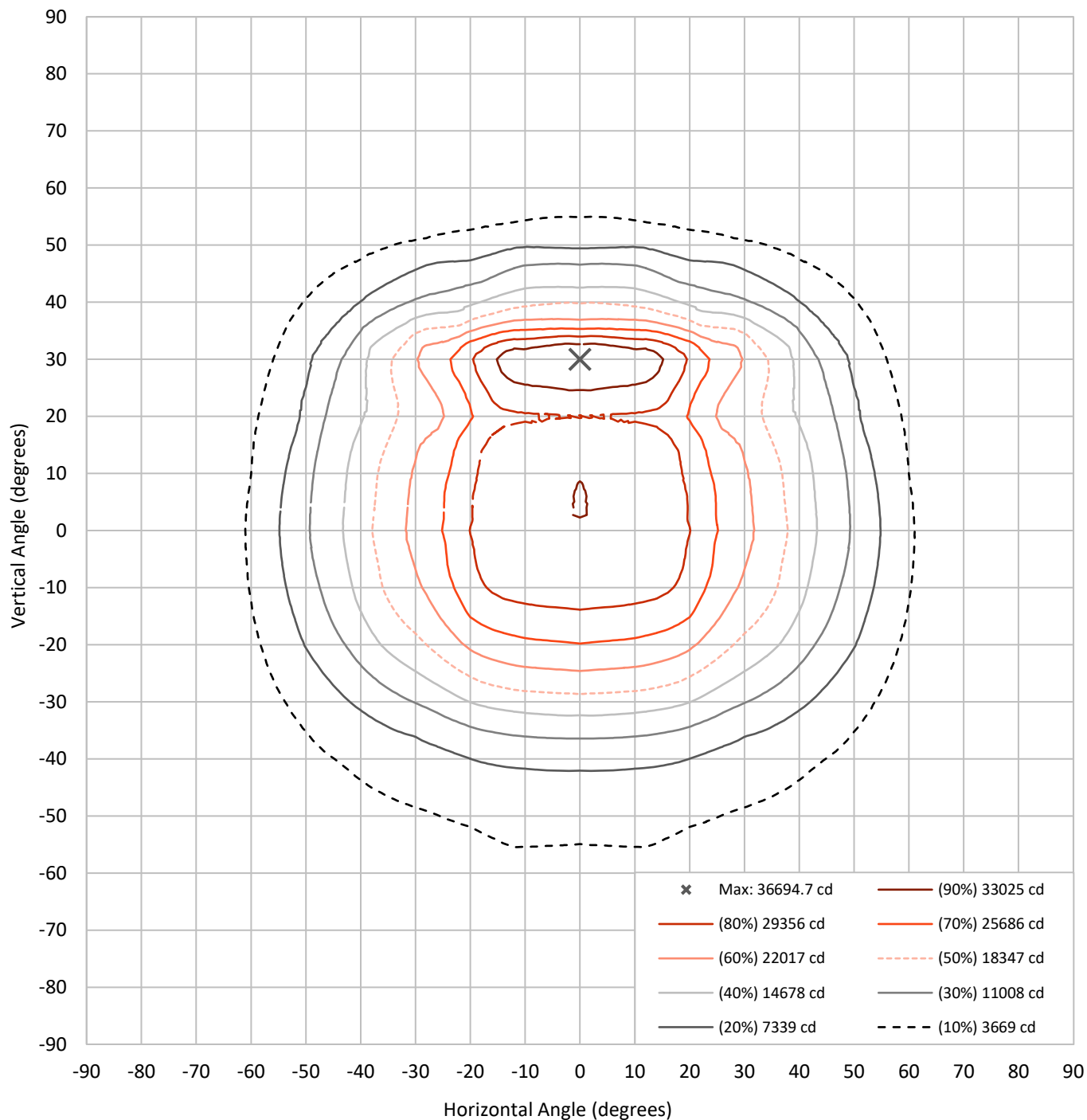
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	52562.8 lumens	Max Intensity:	36694.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	33532.8 lumens	Field Lumens:	49554.9 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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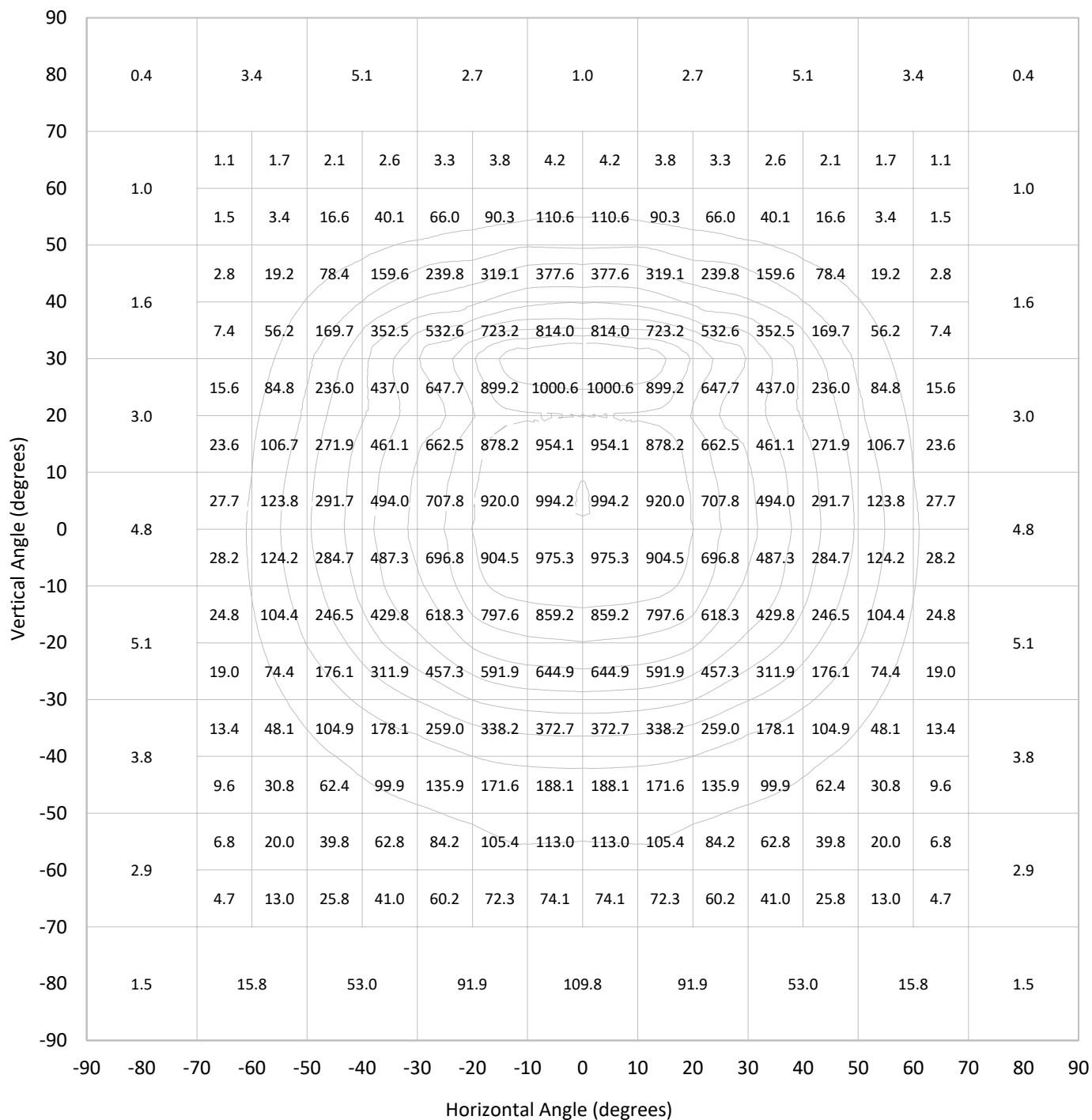
Iso-Candela Plot



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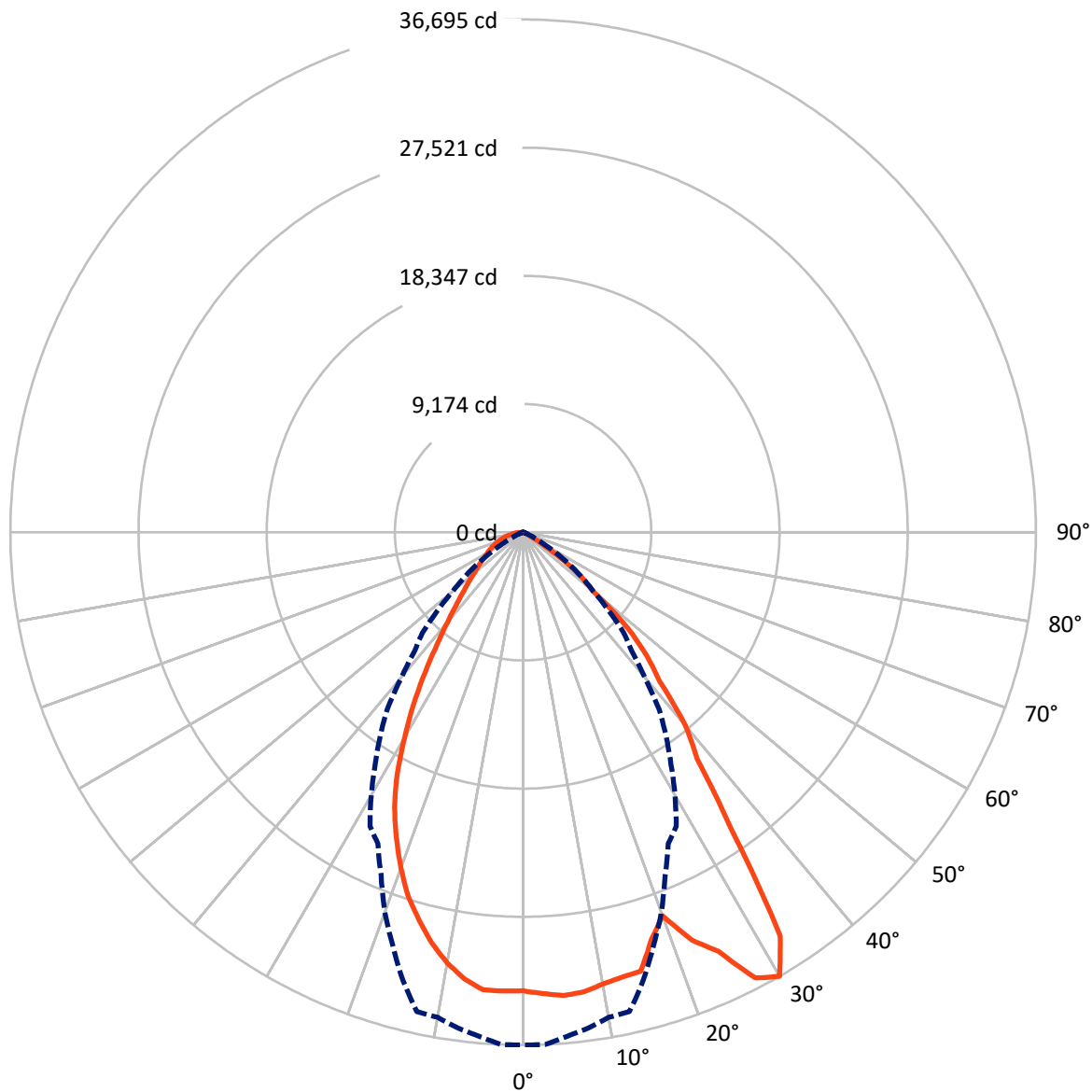
Lumen Table



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Luminous Intensity Polar Plot



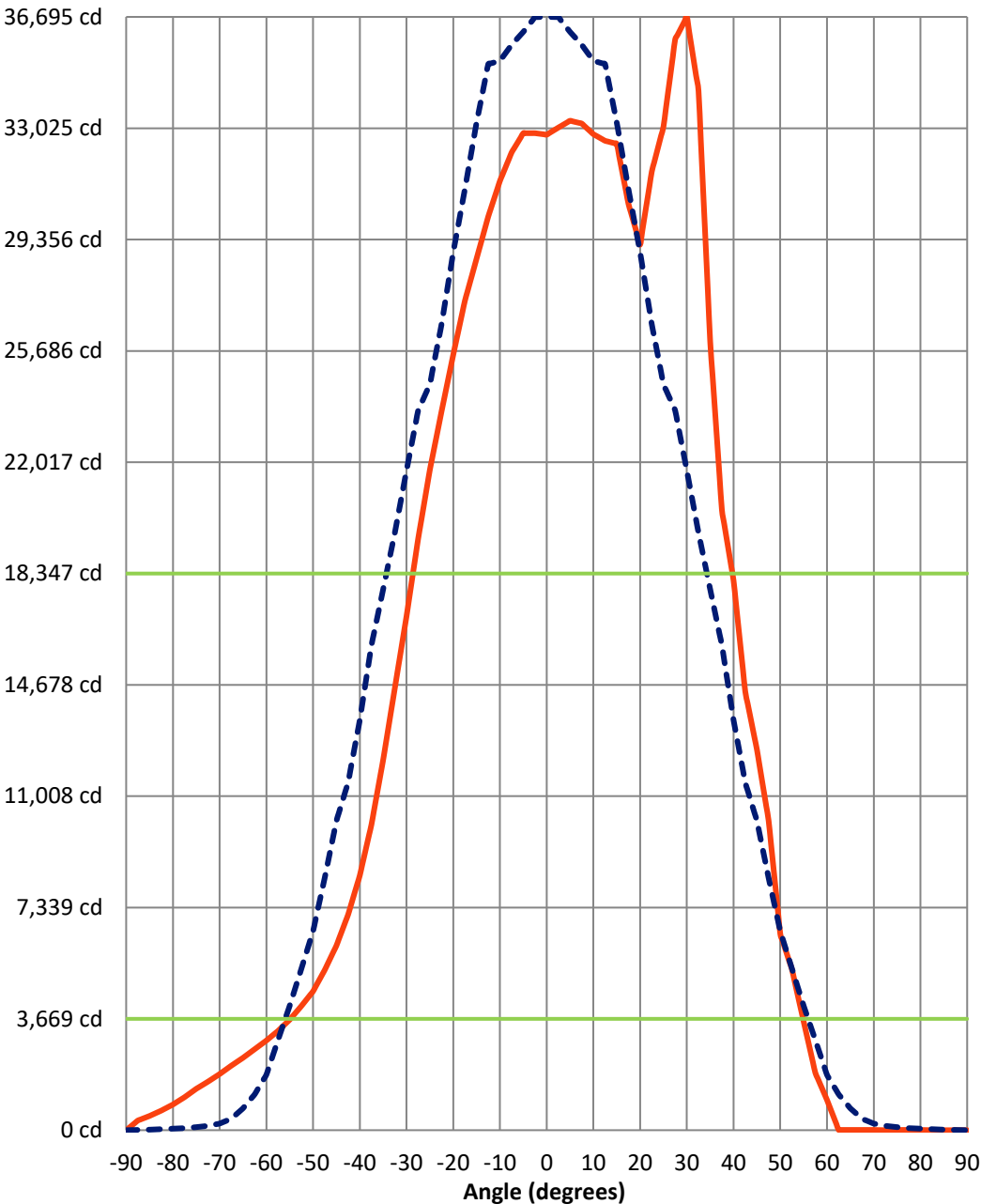
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg



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Luminous Intensity Plot



— 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	8.4	8.4	8.4	8.4	8.4	8.4	8.4
85°	0.0	8.4	8.4	8.4	16.7	16.7	16.7	16.7	16.7	16.7	25.1
82.5°	0.0	8.4	8.4	8.4	16.7	16.7	16.7	16.7	25.1	25.1	33.5
80°	8.4	8.4	8.4	8.4	16.7	16.7	16.7	25.1	25.1	33.5	33.5
77.5°	8.4	8.4	8.4	16.7	16.7	16.7	25.1	25.1	33.5	33.5	41.8
75°	8.4	8.4	8.4	16.7	16.7	25.1	25.1	25.1	33.5	33.5	41.8
72.5°	0.0	8.4	8.4	16.7	16.7	25.1	25.1	25.1	33.5	33.5	33.5
70°	8.4	8.4	8.4	16.7	16.7	25.1	25.1	25.1	33.5	33.5	33.5
67.5°	8.4	8.4	8.4	16.7	16.7	25.1	25.1	33.5	33.5	33.5	41.8
65°	8.4	8.4	8.4	16.7	25.1	25.1	33.5	41.8	41.8	50.2	58.6
62.5°	8.4	16.7	16.7	25.1	33.5	41.8	92.1	142.3	142.3	100.4	83.7
60°	995.8	1079.5	1071.1	970.7	845.2	711.3	686.2	661.1	610.9	535.6	560.7
57.5°	1891.2	1991.6	2033.5	2008.4	1941.4	1824.3	1757.3	1682.0	1581.6	1464.4	1330.5
55°	3581.6	3623.4	3531.4	3355.7	3163.2	2970.7	2903.8	2803.4	2652.7	2502.1	2301.3
52.5°	5297.1	5439.3	5397.5	5221.8	4962.4	4619.3	4242.7	3949.8	3774.1	3606.7	3405.9
50°	6468.6	6527.2	6644.4	6853.6	6928.9	6694.6	6083.7	5297.1	4736.4	5020.9	4803.4
47.5°	10209.2	10502.1	10443.5	10292.9	10041.9	9405.9	8552.3	7849.4	7263.6	7071.2	7104.6
45°	12544.0	12661.1	12619.3	12552.3	12435.2	11841.0	10895.4	9815.9	9272.0	9054.4	8828.5
42.5°	14460.3	14585.8	14610.9	14619.3	14493.8	13949.8	13096.3	12016.8	11472.8	10845.2	10351.5
40°	18117.2	18301.3	18092.1	17816.0	17397.5	16778.3	15941.5	14945.7	13983.3	13213.4	12627.7
37.5°	20451.9	20677.9	20761.6	20744.8	20652.8	20385.0	19355.7	18410.1	16937.3	15213.4	15523.1
35°	25991.7	26226.0	26159.1	25908.0	25774.1	25489.6	24485.4	23364.1	21514.7	19640.2	19138.1
32.5°	34251.1	34761.6	33807.6	32761.6	32117.2	32343.2	31322.3	28577.5	27723.9	24343.2	22778.3
30°	36694.7	36686.3	36200.9	35774.2	35247.0	35138.2	33213.5	31021.0	28929.0	26560.7	24585.8
27.5°	35949.9	35799.3	35389.2	35079.6	34585.9	34326.5	32443.6	30703.0	28284.6	26167.4	24259.5
25°	33079.6	33196.8	32778.3	32719.8	32527.3	32025.2	31088.0	29129.8	26970.8	24627.7	23255.3
22.5°	31598.4	31556.6	31054.5	30761.6	30995.9	30460.3	30083.8	28108.9	25857.8	23882.9	22234.4
20°	29188.4	29196.7	29071.2	29046.1	28903.9	28661.2	28359.9	26962.4	25372.5	23682.1	21698.8
17.5°	30535.7	30878.8	31029.4	29782.5	30134.0	29857.8	29539.8	27590.0	26393.4	24895.5	22309.7
15°	32510.6	32385.0	32234.4	32167.5	31975.0	31715.6	31138.2	29581.7	27523.1	25975.0	23958.2
12.5°	32611.0	32368.3	32309.7	32301.4	32100.5	31740.7	31180.0	29891.3	28067.0	26184.2	24544.0
10°	32828.5	32577.5	32544.0	32585.9	32276.2	32050.3	31489.6	30293.0	28234.4	26544.0	24995.9
7.5°	33180.0	32761.6	32954.1	32828.5	32686.3	32326.5	31723.9	30552.4	28845.3	27021.0	25397.6
5°	33272.1	32811.8	33021.0	32903.9	32694.7	32343.2	31690.5	30719.8	29221.8	27213.5	25556.6
2.5°	33046.1	32912.2	32820.2	32602.6	32510.6	32125.6	31506.4	30468.7	29046.1	27129.8	25523.1
0°	32811.8	32929.0	32719.8	32502.2	32460.3	32150.7	31623.5	30686.3	29456.2	27364.1	25807.6
-2.5°	32862.0	32770.0	32627.7	32401.8	32184.2	31740.7	31263.7	30385.0	29062.8	26853.6	25405.9
-5°	32862.0	32435.2	32452.0	32460.3	32242.8	31782.5	31205.1	30460.3	28828.5	26845.3	25288.8
-7.5°	32226.0	31857.8	31799.3	31749.0	31690.5	31263.7	30811.8	29882.9	28435.2	26627.7	24962.4
-10°	31288.8	30929.0	30962.4	30887.1	30703.0	30418.5	30075.4	29238.6	28050.3	25941.5	24301.3
-12.5°	30117.2	29958.2	29866.2	29740.7	29556.6	29305.5	28954.1	28167.4	26895.5	25096.3	23539.8
-15°	28728.1	28611.0	28527.3	28452.0	28184.2	27924.8	27464.5	26736.5	25941.5	24008.4	22418.5
-17.5°	27339.0	27046.1	26928.9	26828.5	26652.8	26234.4	25816.0	25272.0	24159.1	22627.7	21263.7
-20°	25556.6	25380.8	25238.6	25104.7	24853.6	24527.3	24184.2	23556.6	22594.2	21355.7	19941.5

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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°	23690.4	23590.0	23472.9	23305.5	23138.1	22828.5	22351.5	21749.0	20995.9	19657.0	18334.8
-25°	21765.8	21573.3	21431.0	21272.0	21138.1	20853.6	20393.4	19816.0	18870.3	17715.5	16610.9
-27.5°	19498.0	19313.9	19238.6	19054.4	18937.3	18677.9	18217.6	17682.1	16828.5	15857.8	14736.4
-30°	16937.3	16970.8	16887.1	16711.3	16569.1	16234.4	15882.9	15431.0	14761.5	13832.7	12828.5
-32.5°	14569.1	14610.9	14510.5	14326.4	14142.3	13899.6	13573.3	13163.2	12661.1	11774.1	10903.8
-35°	12200.9	12184.1	12100.5	11991.7	11866.1	11665.3	11297.1	10987.5	10410.1	9790.8	9188.3
-37.5°	10075.3	10117.2	10092.1	10033.5	9891.2	9723.9	9422.6	9138.1	8711.3	8167.4	7698.8
-40°	8393.3	8443.5	8410.1	8351.5	8226.0	8125.5	7924.7	7673.7	7330.6	6861.9	6468.6
-42.5°	7104.6	7138.1	7096.3	7046.0	6937.3	6861.9	6702.9	6493.7	6209.2	5849.4	5497.9
-45°	6083.7	6092.1	6050.2	6016.8	5933.1	5841.0	5707.1	5539.8	5313.8	5062.8	4778.3
-47.5°	5280.4	5272.0	5230.1	5196.7	5129.7	5046.0	4937.3	4786.6	4610.9	4418.4	4192.5
-50°	4577.4	4619.3	4602.5	4569.1	4518.8	4460.3	4351.5	4192.5	4016.7	3874.5	3715.5
-52.5°	4092.1	4100.4	4092.1	4092.1	4083.7	4041.9	3916.3	3757.3	3564.9	3439.3	3305.4
-55°	3640.2	3682.0	3698.8	3715.5	3723.9	3723.9	3573.2	3405.9	3221.8	3096.2	2995.8
-57.5°	3272.0	3297.1	3313.8	3355.7	3389.1	3414.2	3280.3	3129.7	2987.5	2870.3	2778.3
-60°	2954.0	2987.5	3012.6	3054.4	3079.5	3096.2	3012.6	2912.1	2828.5	2753.1	2619.3
-62.5°	2669.5	2694.6	2719.7	2744.8	2769.9	2786.6	2753.1	2702.9	2661.1	2627.6	2460.3
-65°	2384.9	2410.0	2435.2	2468.6	2493.7	2510.5	2502.1	2468.6	2435.2	2401.7	2251.1
-67.5°	2125.5	2150.6	2184.1	2192.5	2209.2	2217.6	2200.8	2175.7	2133.9	2092.1	1974.9
-70°	1849.4	1866.1	1882.9	1882.9	1882.9	1874.5	1857.7	1824.3	1782.4	1723.9	1631.8
-72.5°	1598.3	1615.1	1631.8	1606.7	1590.0	1564.9	1539.8	1497.9	1456.1	1414.2	1364.0
-75°	1364.0	1372.4	1372.4	1338.9	1313.8	1288.7	1255.2	1230.1	1188.3	1154.8	1113.0
-77.5°	1087.9	1087.9	1087.9	1062.8	1046.0	1029.3	1004.2	979.1	945.6	920.5	887.0
-80°	845.2	845.2	845.2	836.8	811.7	795.0	778.2	761.5	736.4	719.7	702.9
-82.5°	644.4	644.4	644.4	636.0	619.2	610.9	594.1	577.4	569.0	552.3	543.9
-85°	468.6	477.0	477.0	468.6	460.3	443.5	435.1	426.8	418.4	410.0	393.3
-87.5°	318.0	318.0	318.0	309.6	301.3	301.3	292.9	276.2	259.4	251.0	242.7
-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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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°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
85°	25.1	25.1	25.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	25.1
82.5°	41.8	41.8	50.2	50.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6
80°	41.8	50.2	58.6	66.9	75.3	83.7	83.7	83.7	83.7	75.3	75.3
77.5°	50.2	50.2	58.6	66.9	75.3	83.7	92.1	100.4	92.1	92.1	92.1
75°	50.2	58.6	58.6	66.9	75.3	83.7	92.1	100.4	100.4	100.4	100.4
72.5°	41.8	50.2	58.6	66.9	66.9	75.3	83.7	83.7	92.1	92.1	100.4
70°	41.8	50.2	58.6	58.6	66.9	66.9	75.3	83.7	83.7	92.1	92.1
67.5°	50.2	58.6	58.6	66.9	75.3	75.3	75.3	83.7	83.7	92.1	92.1
65°	58.6	66.9	66.9	75.3	83.7	83.7	92.1	92.1	92.1	100.4	100.4
62.5°	100.4	100.4	100.4	92.1	100.4	100.4	100.4	108.8	108.8	100.4	108.8
60°	518.8	376.6	259.4	326.4	292.9	133.9	133.9	133.9	125.5	125.5	117.2
57.5°	1221.8	1138.1	979.1	828.5	744.8	661.1	410.0	167.4	167.4	150.6	133.9
55°	2041.8	1765.7	1648.5	1447.7	1230.1	1129.7	937.2	636.0	301.3	200.8	175.7
52.5°	3163.2	2903.8	2602.5	2192.5	1899.6	1665.3	1506.3	1196.7	803.3	426.8	267.8
50°	4234.3	4117.2	3933.1	3531.4	2920.5	2527.2	2267.8	1916.3	1439.3	878.7	502.1
47.5°	6820.1	5841.0	5246.9	4937.3	4426.8	3682.0	3179.9	2786.6	2209.2	1481.2	887.0
45°	8585.8	7966.6	7020.9	6368.2	5615.1	4828.5	4175.7	3723.9	3037.7	2217.6	1389.1
42.5°	10100.4	9564.9	8711.3	7757.3	6962.4	5933.1	5096.2	4502.1	3924.7	3029.3	2075.3
40°	12050.2	11414.3	10594.2	9665.3	8736.4	7422.6	6067.0	5347.3	4711.3	3916.3	2803.4
37.5°	15263.6	14142.3	12803.4	11774.1	10560.7	9447.7	7590.0	6318.0	5564.9	4736.4	3656.9
35°	19129.8	17899.6	15665.3	14301.3	12677.9	11021.0	9347.3	7464.5	6393.3	5514.7	4443.5
32.5°	22728.1	20928.9	18067.0	16468.7	15389.2	12334.8	10602.5	8970.7	7246.9	6167.4	4895.4
30°	23723.9	21740.6	19690.4	17824.3	15983.3	13514.7	11464.5	10192.5	8318.0	6560.7	5322.2
27.5°	22719.7	21355.7	19765.7	18033.5	16041.9	13924.7	11991.7	10778.3	9104.6	6828.5	5656.9
25°	21698.8	20276.2	19163.2	17715.5	15874.5	13899.6	12008.4	11146.5	9715.5	7347.3	5841.0
22.5°	20619.3	19732.3	18811.8	17196.7	15456.1	13974.9	12552.3	11464.5	10033.5	7933.1	5916.3
20°	20677.9	20100.5	19087.9	16928.9	15380.8	14418.5	13205.1	11866.1	10376.6	8443.5	5974.9
17.5°	21615.1	20862.0	19590.0	17715.5	16058.6	14870.3	13749.0	12418.4	10728.1	8895.4	6686.2
15°	22769.9	21623.5	20292.9	18644.4	16769.9	15364.1	14167.4	12803.4	11129.7	9313.8	7322.2
12.5°	23606.8	21975.0	20728.1	19238.6	17539.8	15899.6	14443.6	13096.3	11506.3	9656.9	7799.2
10°	23891.3	22410.1	20937.3	19606.8	17933.1	16184.1	14652.8	13280.4	11832.7	9924.7	8150.7
7.5°	24041.9	22786.7	21079.6	19774.1	18167.4	16359.9	14820.1	13380.8	12092.1	10108.8	8376.6
5°	24025.2	22987.5	21188.3	19824.3	18292.9	16435.2	14937.3	13405.9	12276.2	10267.8	8510.5
2.5°	23949.9	23121.4	21364.1	19908.0	18544.0	16577.5	15163.2	13456.1	12343.1	10443.5	8602.5
0°	24226.0	23129.8	21548.2	19933.1	18711.4	16627.7	15263.6	13414.3	12251.1	10493.8	8594.2
-2.5°	23631.9	22636.0	21506.3	19715.5	18485.4	16510.5	15079.5	13280.4	12050.2	10435.2	8560.7
-5°	23531.4	22276.2	21154.9	19514.7	18108.8	16267.8	14736.4	13029.3	11732.3	10242.7	8426.8
-7.5°	23263.7	21933.1	20811.8	19355.7	17757.4	16016.8	14410.1	12769.9	11389.2	9941.5	8234.3
-10°	22677.9	21405.9	20443.6	19012.6	17330.6	15656.9	14016.8	12426.8	10987.5	9531.4	7933.1
-12.5°	21841.1	20569.1	19615.1	18284.6	16795.0	15171.6	13548.2	11983.3	10527.2	9096.3	7573.2
-15°	20895.5	19606.8	18652.8	17439.4	16000.0	14418.5	12954.0	11422.6	10000.0	8636.0	7146.5
-17.5°	19824.3	18602.6	17682.1	16502.1	15071.2	13564.9	12108.8	10719.7	9389.1	8159.0	6652.7
-20°	18585.8	17397.5	16552.3	15372.4	14058.6	12594.2	11179.9	9866.1	8669.5	7514.7	6108.8

REPORT NUMBER: P722447

CATALOG NUMBER: IFLD-L-SA7E-730-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°	17054.4	16008.4	15046.1	13991.7	12845.2	11506.3	10192.5	9029.3	7882.9	6753.2	5548.1
-25°	15489.6	14477.0	13539.8	12577.4	11481.2	10326.4	9205.0	8150.7	7029.3	6008.4	5004.2
-27.5°	13749.0	12845.2	12008.4	11121.4	10117.2	9121.4	8200.9	7171.6	6200.9	5330.6	4468.6
-30°	11891.2	11154.8	10426.8	9640.2	8828.5	7991.7	7171.6	6200.9	5439.3	4744.8	4016.7
-32.5°	10108.8	9447.7	8862.0	8276.2	7573.2	6887.0	6159.0	5439.3	4803.4	4192.5	3581.6
-35°	8544.0	7841.0	7514.7	7046.0	6485.4	5866.1	5272.0	4769.9	4259.4	3707.1	3163.2
-37.5°	7188.3	6736.4	6351.5	6000.0	5556.5	5020.9	4594.2	4184.1	3757.3	3255.2	2786.6
-40°	6125.5	5799.2	5414.2	5154.8	4795.0	4410.1	3983.3	3640.2	3280.3	2870.3	2485.4
-42.5°	5272.0	5004.2	4753.2	4477.0	4209.2	3882.9	3514.7	3188.3	2861.9	2560.7	2242.7
-45°	4569.1	4376.6	4175.7	3949.8	3715.5	3431.0	3129.7	2795.0	2560.7	2292.9	2025.1
-47.5°	3991.6	3849.4	3682.0	3506.3	3305.4	3054.4	2778.3	2535.6	2292.9	2067.0	1807.5
-50°	3531.4	3397.5	3263.6	3113.0	2937.2	2719.7	2510.5	2284.5	2058.6	1841.0	1598.3
-52.5°	3146.5	3029.3	2920.5	2795.0	2627.6	2443.5	2251.1	2050.2	1841.0	1623.4	1431.0
-55°	2878.7	2744.8	2636.0	2510.5	2359.8	2184.1	2008.4	1824.3	1623.4	1456.1	1297.1
-57.5°	2661.1	2510.5	2384.9	2251.1	2100.4	1949.8	1790.8	1623.4	1472.8	1313.8	1163.2
-60°	2477.0	2301.3	2159.0	2025.1	1882.9	1740.6	1606.7	1464.4	1322.2	1179.9	1029.3
-62.5°	2284.5	2100.4	1924.7	1799.2	1690.4	1564.9	1447.7	1313.8	1188.3	1046.0	937.2
-65°	2067.0	1891.2	1723.9	1615.1	1514.6	1405.9	1297.1	1179.9	1071.1	962.3	861.9
-67.5°	1824.3	1673.6	1556.5	1456.1	1355.7	1263.6	1163.2	1062.8	970.7	861.9	761.5
-70°	1531.4	1447.7	1380.8	1305.4	1213.4	1129.7	1037.7	945.6	845.2	753.1	661.1
-72.5°	1305.4	1255.2	1205.0	1129.7	1046.0	970.7	895.4	811.7	728.0	644.4	569.0
-75°	1071.1	1029.3	987.5	937.2	870.3	811.7	744.8	669.5	602.5	543.9	485.4
-77.5°	861.9	828.5	803.3	761.5	711.3	661.1	619.2	569.0	518.8	460.3	401.7
-80°	686.2	669.5	661.1	644.4	602.5	560.7	527.2	485.4	435.1	393.3	351.5
-82.5°	535.6	535.6	527.2	518.8	485.4	451.9	426.8	393.3	359.8	326.4	284.5
-85°	393.3	384.9	384.9	376.6	351.5	334.7	309.6	292.9	267.8	234.3	217.6
-87.5°	234.3	225.9	217.6	209.2	192.5	184.1	167.4	159.0	142.3	125.5	117.2
-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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CATALOG NUMBER: IFLD-L-SA7E-730-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°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	0.0	0.0
85°	25.1	16.7	16.7	16.7	16.7	16.7	8.4	8.4	8.4	8.4	8.4
82.5°	50.2	50.2	41.8	41.8	33.5	25.1	16.7	16.7	16.7	8.4	8.4
80°	75.3	75.3	75.3	66.9	58.6	41.8	33.5	25.1	16.7	8.4	8.4
77.5°	92.1	83.7	83.7	75.3	75.3	66.9	50.2	41.8	25.1	16.7	8.4
75°	92.1	92.1	92.1	83.7	83.7	75.3	66.9	50.2	41.8	25.1	16.7
72.5°	100.4	92.1	92.1	92.1	83.7	75.3	66.9	58.6	50.2	33.5	16.7
70°	92.1	92.1	92.1	92.1	83.7	83.7	66.9	58.6	58.6	33.5	25.1
67.5°	92.1	92.1	92.1	83.7	83.7	75.3	66.9	58.6	58.6	41.8	25.1
65°	100.4	92.1	92.1	92.1	83.7	75.3	66.9	58.6	58.6	50.2	33.5
62.5°	108.8	100.4	100.4	92.1	83.7	75.3	66.9	58.6	58.6	50.2	33.5
60°	117.2	108.8	100.4	100.4	92.1	83.7	66.9	66.9	58.6	50.2	33.5
57.5°	125.5	117.2	117.2	108.8	100.4	92.1	75.3	66.9	58.6	50.2	41.8
55°	150.6	133.9	125.5	125.5	117.2	100.4	83.7	66.9	58.6	50.2	41.8
52.5°	200.8	159.0	142.3	142.3	133.9	117.2	92.1	75.3	58.6	50.2	41.8
50°	318.0	200.8	167.4	150.6	150.6	133.9	108.8	83.7	58.6	50.2	41.8
47.5°	502.1	334.7	200.8	175.7	167.4	159.0	125.5	83.7	66.9	50.2	41.8
45°	828.5	493.7	326.4	209.2	175.7	167.4	142.3	92.1	66.9	58.6	41.8
42.5°	1138.1	769.9	502.1	251.0	209.2	184.1	150.6	100.4	75.3	58.6	41.8
40°	1790.8	1054.4	702.9	410.0	242.7	192.5	167.4	117.2	75.3	58.6	41.8
37.5°	2426.8	1397.5	945.6	602.5	276.2	217.6	175.7	125.5	83.7	58.6	50.2
35°	3062.8	1958.2	1171.6	803.3	368.2	259.4	184.1	133.9	83.7	58.6	50.2
32.5°	3631.8	2485.4	1405.9	1004.2	552.3	309.6	200.8	142.3	92.1	66.9	50.2
30°	4100.4	2970.7	1824.3	1179.9	719.7	376.6	217.6	142.3	100.4	66.9	50.2
27.5°	4451.9	3347.3	2251.1	1364.0	861.9	443.5	251.0	159.0	100.4	66.9	50.2
25°	4736.4	3640.2	2627.6	1556.5	987.5	552.3	301.3	167.4	108.8	75.3	50.2
22.5°	4962.4	3882.9	2937.2	1815.9	1138.1	661.1	368.2	184.1	108.8	75.3	50.2
20°	5272.0	4125.5	3146.5	2092.1	1297.1	761.5	426.8	200.8	108.8	75.3	58.6
17.5°	5539.8	4368.2	3313.8	2326.4	1456.1	836.8	493.7	217.6	117.2	75.3	58.6
15°	5849.4	4602.5	3464.4	2510.5	1606.7	903.8	552.3	234.3	117.2	83.7	58.6
12.5°	6184.1	4820.1	3573.2	2661.1	1765.7	962.3	602.5	267.8	125.5	83.7	58.6
10°	6527.2	5004.2	3665.3	2769.9	1882.9	1020.9	636.0	301.3	133.9	83.7	58.6
7.5°	6870.3	5171.6	3782.4	2820.1	1933.1	1087.9	652.7	334.7	133.9	92.1	58.6
5°	7104.6	5280.4	3949.8	2853.6	1958.2	1163.2	677.8	376.6	142.3	92.1	58.6
2.5°	7305.5	5347.3	4125.5	2878.7	1966.5	1205.0	669.5	401.7	150.6	92.1	58.6
0°	7397.5	5347.3	4242.7	2861.9	1941.4	1246.9	669.5	426.8	150.6	92.1	58.6
-2.5°	7255.3	5497.9	4209.2	2870.3	1949.8	1246.9	702.9	435.1	167.4	100.4	58.6
-5°	7029.3	5556.5	4108.8	2828.5	1933.1	1246.9	744.8	443.5	175.7	100.4	66.9
-7.5°	6811.7	5581.6	3991.6	2786.6	1908.0	1213.4	753.1	435.1	192.5	108.8	66.9
-10°	6527.2	5305.5	3841.0	2711.3	1857.7	1188.3	769.9	435.1	200.8	108.8	66.9
-12.5°	6200.9	4970.7	3656.9	2602.5	1799.2	1163.2	778.2	435.1	209.2	117.2	66.9
-15°	5824.3	4627.6	3447.7	2485.4	1715.5	1129.7	761.5	426.8	217.6	117.2	75.3
-17.5°	5397.5	4292.9	3230.1	2343.1	1623.4	1087.9	728.0	418.4	217.6	117.2	75.3
-20°	4912.1	3958.2	2987.5	2200.8	1514.6	1037.7	694.6	401.7	217.6	117.2	75.3



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CATALOG NUMBER: IFLD-L-SA7E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4477.0	3648.5	2736.4	2041.8	1397.5	979.1	652.7	384.9	217.6	125.5	75.3
-25°	4117.2	3347.3	2543.9	1882.9	1272.0	912.1	610.9	368.2	217.6	125.5	75.3
-27.5°	3740.6	3020.9	2343.1	1732.2	1188.3	853.6	569.0	351.5	209.2	125.5	75.3
-30°	3355.7	2702.9	2133.9	1564.9	1104.6	795.0	535.6	326.4	209.2	125.5	75.3
-32.5°	3004.2	2443.5	1941.4	1397.5	1012.6	736.4	502.1	318.0	200.8	125.5	75.3
-35°	2661.1	2209.2	1740.6	1263.6	912.1	677.8	468.6	309.6	200.8	125.5	75.3
-37.5°	2376.6	1991.6	1556.5	1171.6	853.6	627.6	435.1	292.9	192.5	125.5	75.3
-40°	2142.3	1790.8	1380.8	1071.1	803.3	577.4	401.7	284.5	192.5	125.5	75.3
-42.5°	1924.7	1598.3	1272.0	987.5	753.1	543.9	376.6	276.2	184.1	125.5	75.3
-45°	1732.2	1431.0	1163.2	912.1	694.6	502.1	359.8	259.4	175.7	125.5	83.7
-47.5°	1539.8	1313.8	1062.8	845.2	636.0	451.9	343.1	251.0	167.4	117.2	83.7
-50°	1389.1	1188.3	979.1	769.9	577.4	435.1	326.4	234.3	167.4	117.2	83.7
-52.5°	1255.2	1071.1	887.0	694.6	527.2	410.0	309.6	217.6	159.0	117.2	83.7
-55°	1129.7	962.3	795.0	619.2	493.7	384.9	284.5	200.8	159.0	117.2	83.7
-57.5°	1004.2	861.9	702.9	560.7	451.9	359.8	267.8	200.8	159.0	117.2	83.7
-60°	903.8	769.9	636.0	518.8	418.4	326.4	242.7	192.5	150.6	117.2	83.7
-62.5°	820.1	694.6	577.4	468.6	384.9	292.9	234.3	192.5	150.6	117.2	75.3
-65°	736.4	627.6	518.8	426.8	343.1	276.2	225.9	184.1	150.6	117.2	75.3
-67.5°	652.7	552.3	468.6	376.6	318.0	267.8	217.6	184.1	142.3	108.8	75.3
-70°	569.0	485.4	410.0	351.5	301.3	251.0	209.2	175.7	142.3	100.4	66.9
-72.5°	502.1	426.8	368.2	326.4	284.5	242.7	200.8	167.4	133.9	92.1	58.6
-75°	426.8	376.6	334.7	292.9	259.4	225.9	192.5	150.6	117.2	83.7	58.6
-77.5°	359.8	326.4	292.9	267.8	234.3	200.8	167.4	133.9	108.8	75.3	50.2
-80°	309.6	284.5	259.4	234.3	209.2	175.7	150.6	117.2	92.1	66.9	41.8
-82.5°	251.0	234.3	209.2	192.5	175.7	150.6	125.5	100.4	66.9	50.2	33.5
-85°	192.5	175.7	167.4	150.6	133.9	108.8	83.7	66.9	50.2	33.5	16.7
-87.5°	100.4	92.1	83.7	75.3	66.9	50.2	41.8	33.5	25.1	16.7	8.4
-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-730-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°	8.4	0.0	0.0	0.0
77.5°	8.4	0.0	0.0	0.0
75°	8.4	8.4	0.0	0.0
72.5°	8.4	8.4	0.0	0.0
70°	8.4	8.4	0.0	0.0
67.5°	16.7	8.4	0.0	0.0
65°	16.7	8.4	0.0	0.0
62.5°	16.7	8.4	0.0	0.0
60°	16.7	8.4	0.0	0.0
57.5°	25.1	8.4	8.4	0.0
55°	25.1	8.4	8.4	0.0
52.5°	25.1	8.4	8.4	0.0
50°	25.1	16.7	8.4	0.0
47.5°	25.1	16.7	8.4	0.0
45°	25.1	16.7	8.4	0.0
42.5°	25.1	16.7	8.4	0.0
40°	33.5	16.7	8.4	0.0
37.5°	33.5	16.7	8.4	0.0
35°	33.5	16.7	8.4	0.0
32.5°	33.5	16.7	8.4	0.0
30°	33.5	16.7	8.4	0.0
27.5°	33.5	25.1	8.4	0.0
25°	33.5	25.1	8.4	0.0
22.5°	41.8	25.1	8.4	0.0
20°	41.8	25.1	8.4	0.0
17.5°	41.8	25.1	8.4	0.0
15°	41.8	25.1	8.4	0.0
12.5°	41.8	25.1	8.4	0.0
10°	41.8	25.1	8.4	0.0
7.5°	41.8	25.1	8.4	0.0
5°	41.8	25.1	8.4	0.0
2.5°	41.8	25.1	8.4	0.0
0°	41.8	25.1	8.4	0.0
-2.5°	41.8	25.1	8.4	0.0
-5°	41.8	25.1	8.4	0.0
-7.5°	41.8	25.1	8.4	0.0
-10°	41.8	25.1	8.4	0.0
-12.5°	50.2	25.1	8.4	0.0
-15°	50.2	25.1	8.4	0.0
-17.5°	50.2	25.1	8.4	0.0
-20°	50.2	25.1	8.4	0.0

REPORT NUMBER: P722447

CATALOG NUMBER: IFLD-L-SA7E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	50.2	25.1	8.4	0.0
-25°	50.2	25.1	8.4	0.0
-27.5°	50.2	25.1	8.4	0.0
-30°	50.2	25.1	8.4	0.0
-32.5°	50.2	25.1	8.4	0.0
-35°	50.2	25.1	8.4	0.0
-37.5°	50.2	25.1	8.4	0.0
-40°	50.2	25.1	8.4	0.0
-42.5°	41.8	25.1	8.4	0.0
-45°	50.2	25.1	8.4	0.0
-47.5°	50.2	25.1	8.4	0.0
-50°	50.2	25.1	8.4	0.0
-52.5°	50.2	25.1	8.4	0.0
-55°	50.2	25.1	8.4	0.0
-57.5°	50.2	25.1	8.4	0.0
-60°	50.2	25.1	8.4	0.0
-62.5°	41.8	25.1	8.4	0.0
-65°	41.8	16.7	8.4	0.0
-67.5°	41.8	16.7	8.4	0.0
-70°	41.8	16.7	8.4	0.0
-72.5°	33.5	16.7	8.4	0.0
-75°	33.5	16.7	8.4	0.0
-77.5°	25.1	8.4	0.0	0.0
-80°	25.1	8.4	0.0	0.0
-82.5°	16.7	8.4	0.0	0.0
-85°	8.4	8.4	0.0	0.0
-87.5°	8.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)