

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: P722094

Luminaire Tested: **IFLD-M-SA4E-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722094
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

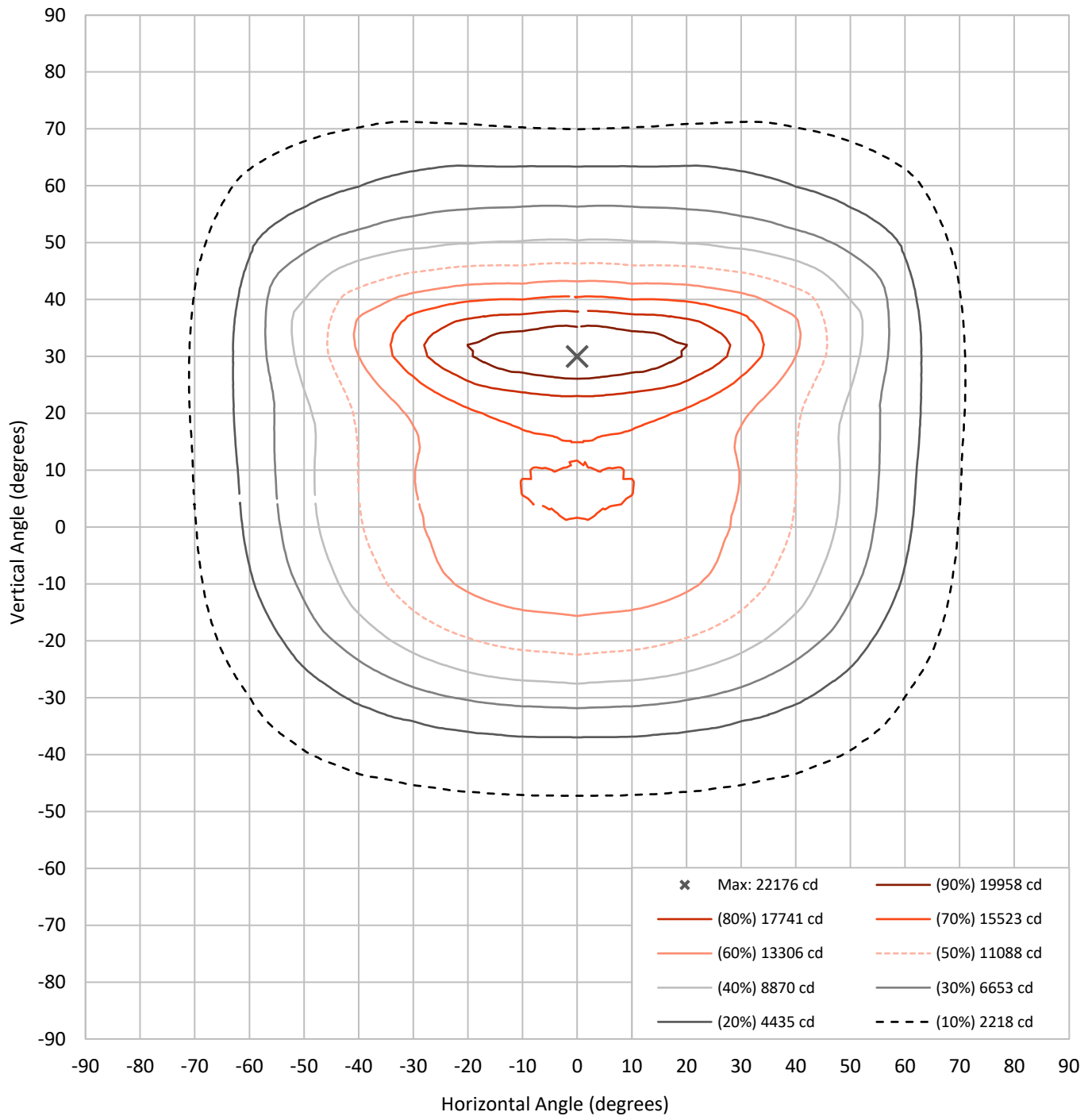
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	37017.4 lumens	Max Intensity:	22176 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21526 lumens	Field Lumens:	34690.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	314.8		
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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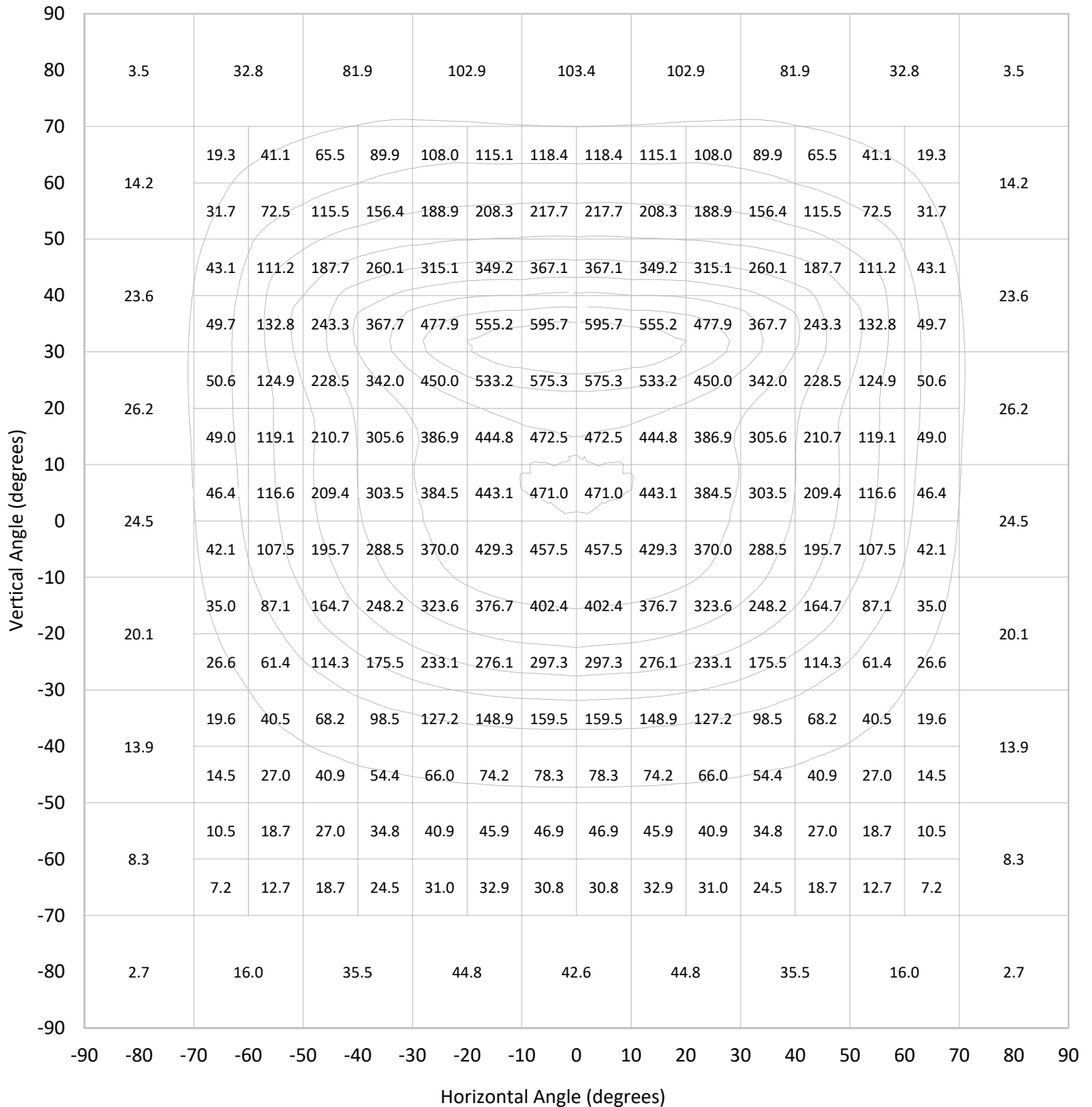
Iso-Candela Plot





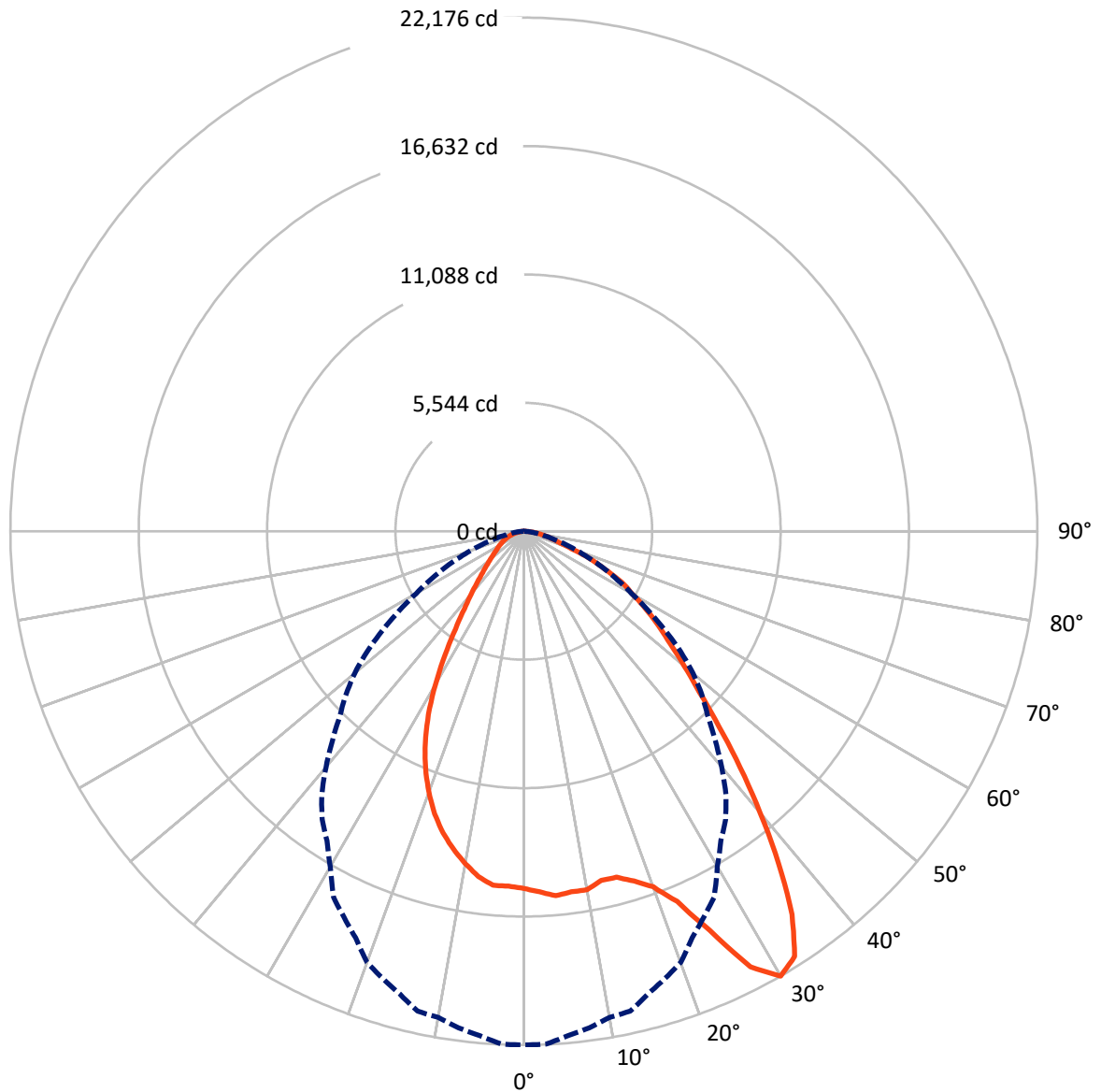
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Lumen Table



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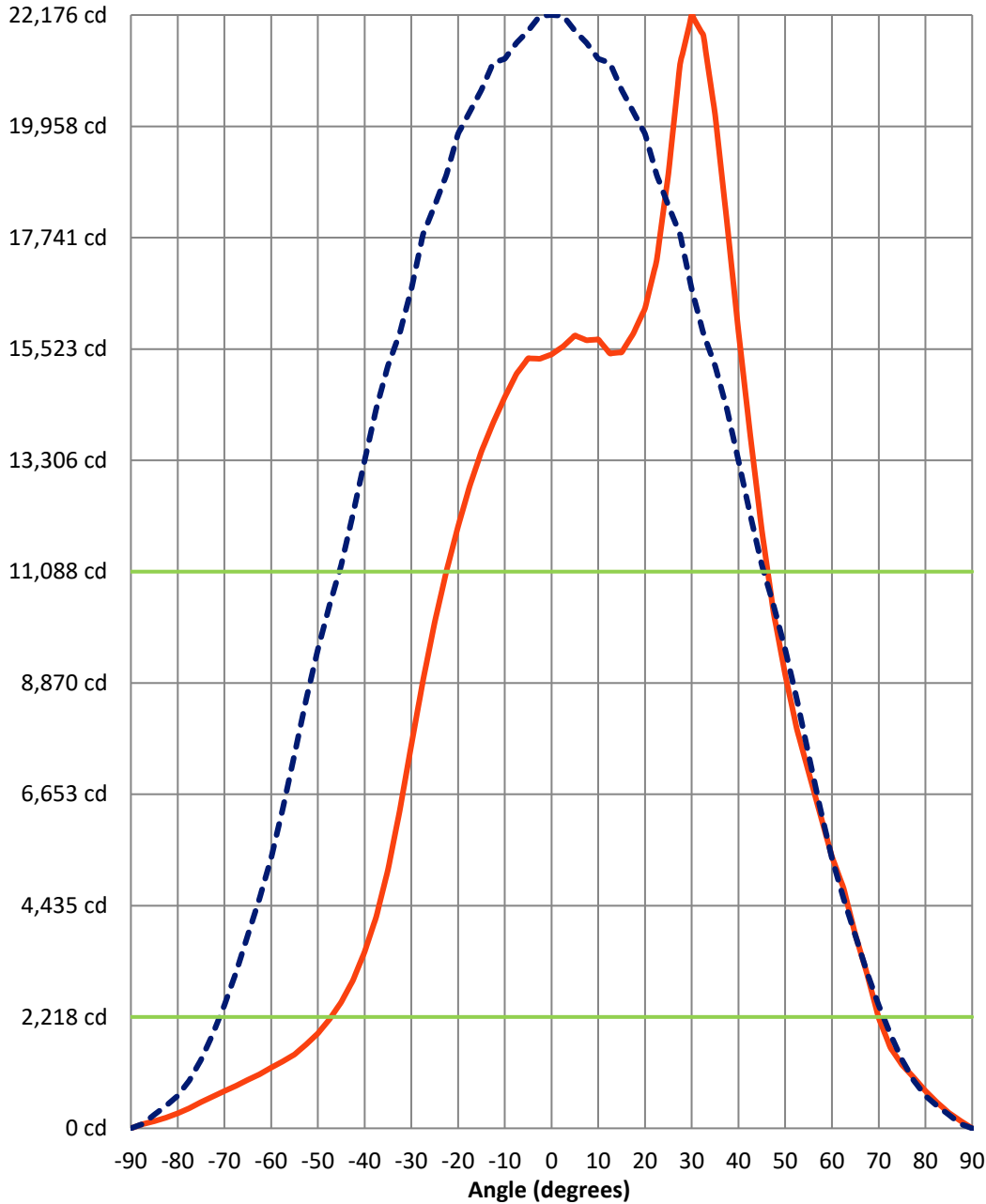
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 21526
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34690.1
 Efficiency: 93.7%

Spill:
 Lumens: 2327.3
 Efficiency: 6.3%

— 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°	149.0	152.9	156.9	156.9	152.9	152.9	152.9	149.0	152.9	152.9	152.9
85°	309.8	317.6	325.5	321.6	317.6	309.8	302.0	305.9	309.8	313.7	313.7
82.5°	513.7	525.5	533.3	529.4	521.6	513.7	505.9	509.8	517.6	521.6	521.6
80°	745.1	749.0	752.9	760.8	749.0	749.0	745.1	760.8	768.6	776.5	784.3
77.5°	1011.7	1015.7	1015.7	1019.6	1023.5	1027.4	1027.4	1054.9	1074.5	1086.3	1098.0
75°	1262.7	1274.5	1286.2	1298.0	1313.7	1321.5	1333.3	1372.5	1403.9	1427.4	1451.0
72.5°	1607.8	1623.5	1643.1	1670.6	1698.0	1717.6	1745.1	1792.1	1827.4	1850.9	1878.4
70°	2200.0	2215.6	2235.3	2254.9	2282.3	2301.9	2329.4	2388.2	2423.5	2439.2	2454.9
67.5°	3078.4	3117.6	3152.9	3113.7	3094.1	3066.6	3074.5	3129.4	3164.6	3188.2	3184.3
65°	3858.7	3886.2	3886.2	3882.3	3866.6	3831.3	3850.9	3917.6	3956.8	3976.4	3917.6
62.5°	4776.4	4776.4	4756.8	4788.1	4792.1	4768.5	4756.8	4760.7	4764.6	4776.4	4678.3
60°	5411.7	5450.9	5462.6	5490.1	5497.9	5497.9	5517.5	5533.2	5533.2	5509.7	5396.0
57.5°	6250.9	6325.4	6341.1	6321.4	6282.2	6231.3	6223.4	6199.9	6152.8	6105.8	6050.9
55°	7097.9	7137.1	7133.2	7121.4	7082.2	7023.4	7031.2	6999.9	6925.4	6866.5	6792.0
52.5°	7948.9	8043.0	8058.7	8035.1	7980.2	7917.5	7921.4	7886.1	7811.6	7748.9	7646.9
50°	9035.1	9113.5	9105.7	9066.5	8988.1	8941.0	8944.9	8878.3	8792.0	8772.4	8639.0
47.5°	10278.2	10368.4	10352.7	10297.8	10192.0	10172.4	10192.0	10105.7	10054.7	10011.6	9854.7
45°	11909.6	12015.5	11956.6	11850.8	11682.1	11701.7	11729.2	11713.5	11603.7	11490.0	11290.0
42.5°	13823.3	13889.9	13819.3	13713.5	13501.7	13540.9	13525.2	13431.1	13364.4	13176.2	12921.3
40°	15870.3	16015.4	15905.6	15740.9	15521.3	15580.1	15537.0	15415.4	15258.5	15023.2	14701.7
37.5°	18078.1	18191.8	18066.3	17874.2	17678.1	17658.5	17572.2	17384.0	17160.5	16901.6	16387.9
35°	20191.8	20485.9	20254.5	19948.6	19709.4	19619.2	19536.9	19101.6	18846.7	18427.1	17725.1
32.5°	21764.3	21980.0	21693.7	21376.1	21085.9	20960.4	20670.2	20152.6	20015.3	19133.0	18489.8
30°	22176.0	22160.4	21862.3	21619.2	21305.5	21219.2	20685.9	20246.7	19807.5	18991.8	18380.0
27.5°	21195.7	21097.6	20811.4	20599.6	20289.8	20187.8	19662.4	19427.1	18748.7	18058.5	17540.8
25°	19011.4	19062.4	18846.7	18740.8	18536.9	18317.3	18109.5	17791.8	17368.3	16764.4	16289.9
22.5°	17289.9	17356.5	17266.3	17140.8	16984.0	16862.4	16705.6	16458.5	16050.7	15678.1	15231.1
20°	16333.0	16313.4	16235.0	16140.9	15991.8	15905.6	15733.0	15525.2	15211.5	14889.9	14407.6
17.5°	15831.1	15709.5	15635.0	15599.7	15521.3	15411.5	15207.5	14995.8	14752.7	14388.0	14035.0
15°	15458.5	15478.1	15419.3	15391.9	15329.1	15176.2	14968.3	14795.8	14466.4	14282.1	13960.5
12.5°	15435.0	15415.4	15419.3	15407.5	15329.1	15133.0	15027.2	14807.6	14595.8	14352.7	13984.0
10°	15713.4	15505.6	15521.3	15576.2	15450.7	15293.8	15180.1	14940.9	14740.9	14431.1	14066.4
7.5°	15697.7	15591.9	15623.2	15533.0	15572.2	15380.1	15223.2	14984.0	14733.0	14403.6	14074.2
5°	15791.9	15631.1	15603.6	15611.5	15513.4	15368.3	15156.6	14929.1	14693.8	14325.2	13988.0
2.5°	15576.2	15599.7	15474.2	15427.2	15415.4	15172.3	14976.2	14756.6	14513.4	14188.0	13886.0
0°	15415.4	15458.5	15329.1	15262.4	15258.5	15050.7	14925.2	14674.2	14501.7	14231.1	13866.4
-2.5°	15329.1	15380.1	15395.8	15274.2	15156.6	14995.8	14784.0	14513.4	14231.1	13917.4	13603.7
-5°	15337.0	15235.0	15191.9	15231.1	15129.1	14968.3	14733.0	14493.8	14215.4	13878.2	13486.0
-7.5°	15027.2	14925.2	14917.4	14897.8	14874.2	14721.3	14525.2	14266.4	13984.0	13670.3	13305.6
-10°	14564.4	14489.9	14470.3	14450.7	14388.0	14297.8	14113.5	13878.2	13623.3	13309.5	12921.3
-12.5°	14050.7	14015.4	13940.9	13889.9	13827.2	13721.3	13544.8	13329.2	13074.3	12795.8	12462.5
-15°	13482.1	13415.4	13340.9	13297.8	13207.6	13082.1	12905.6	12705.6	12427.2	12152.7	11839.0
-17.5°	12795.8	12713.5	12631.1	12619.4	12556.6	12364.5	12199.8	11956.6	11713.5	11450.8	11144.9
-20°	11988.0	11874.3	11819.4	11788.0	11701.7	11560.6	11384.1	11160.6	10925.3	10674.3	10321.4



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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°	11093.9	10995.9	10901.7	10842.9	10768.4	10658.6	10490.0	10293.9	10062.6	9780.2	9454.7
-25°	10078.2	9941.0	9882.2	9815.5	9776.3	9674.3	9509.6	9329.2	9090.0	8815.5	8505.7
-27.5°	8917.5	8807.7	8776.3	8682.2	8635.1	8529.2	8392.0	8223.4	8003.8	7744.9	7490.1
-30°	7635.1	7568.5	7517.5	7423.4	7388.1	7274.4	7184.2	7043.0	6843.0	6658.7	6454.8
-32.5°	6317.5	6250.9	6235.2	6192.0	6168.5	6094.0	5992.0	5890.1	5729.3	5592.0	5427.3
-35°	5148.9	5101.9	5105.8	5101.9	5078.3	5023.4	4897.9	4870.5	4752.8	4627.4	4521.5
-37.5°	4215.6	4219.5	4215.6	4211.7	4180.3	4156.8	4066.6	4031.3	3960.7	3839.1	3776.4
-40°	3513.7	3521.5	3517.6	3509.7	3474.4	3462.7	3403.9	3356.8	3329.3	3243.1	3176.4
-42.5°	2945.0	2956.8	2952.9	2949.0	2925.4	2921.5	2890.1	2835.2	2819.6	2768.6	2698.0
-45°	2513.7	2509.8	2501.9	2509.8	2498.0	2486.2	2466.6	2431.3	2411.7	2388.2	2329.4
-47.5°	2172.5	2176.4	2168.6	2168.6	2152.9	2141.1	2133.3	2109.8	2094.1	2074.5	2039.2
-50°	1890.2	1905.8	1901.9	1898.0	1886.2	1878.4	1878.4	1854.9	1831.3	1823.5	1800.0
-52.5°	1670.6	1682.3	1686.2	1694.1	1698.0	1701.9	1690.2	1666.6	1627.4	1623.5	1611.7
-55°	1470.6	1505.9	1529.4	1545.1	1560.8	1572.5	1549.0	1517.6	1478.4	1462.7	1458.8
-57.5°	1333.3	1368.6	1396.1	1419.6	1439.2	1458.8	1435.3	1403.9	1368.6	1349.0	1345.1
-60°	1207.8	1239.2	1266.6	1298.0	1325.5	1356.8	1345.1	1321.5	1301.9	1286.2	1270.6
-62.5°	1074.5	1105.9	1137.2	1176.4	1211.7	1243.1	1247.0	1243.1	1239.2	1243.1	1215.7
-65°	964.7	980.4	1000.0	1043.1	1082.3	1117.6	1137.2	1149.0	1168.6	1188.2	1160.8
-67.5°	847.0	866.6	890.2	921.6	952.9	976.5	1003.9	1035.3	1066.6	1098.0	1078.4
-70°	741.2	756.8	776.5	792.1	811.7	827.4	851.0	886.3	921.6	952.9	945.1
-72.5°	631.4	647.0	658.8	666.7	678.4	686.3	698.0	729.4	752.9	768.6	768.6
-75°	521.6	537.2	549.0	552.9	560.8	564.7	572.5	584.3	596.1	600.0	603.9
-77.5°	400.0	415.7	427.4	435.3	443.1	451.0	454.9	462.7	466.7	466.7	470.6
-80°	298.0	309.8	317.6	329.4	333.3	341.2	349.0	352.9	356.9	356.9	360.8
-82.5°	211.8	219.6	227.4	235.3	243.1	247.1	254.9	258.8	262.7	266.7	270.6
-85°	141.2	149.0	156.9	164.7	168.6	172.5	176.5	180.4	184.3	188.2	192.2
-87.5°	82.4	86.3	90.2	98.0	102.0	109.8	113.7	109.8	113.7	113.7	113.7
-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°	152.9	152.9	152.9	152.9	149.0	141.2	137.3	129.4	121.6	113.7	105.9
85°	317.6	321.6	321.6	321.6	313.7	309.8	298.0	286.3	270.6	247.1	227.4
82.5°	529.4	533.3	533.3	529.4	521.6	509.8	494.1	474.5	443.1	411.8	384.3
80°	796.1	800.0	800.0	796.1	776.5	756.8	737.2	713.7	674.5	631.4	584.3
77.5°	1113.7	1121.5	1121.5	1109.8	1082.3	1058.8	1027.4	988.2	929.4	866.6	803.9
75°	1482.3	1501.9	1505.9	1494.1	1458.8	1415.7	1364.7	1298.0	1207.8	1129.4	1054.9
72.5°	1909.8	1929.4	1945.1	1929.4	1878.4	1819.6	1745.1	1666.6	1576.4	1470.6	1345.1
70°	2470.5	2490.1	2501.9	2450.9	2360.7	2262.7	2172.5	2082.3	1976.4	1847.0	1709.8
67.5°	3176.4	3156.8	3133.3	3031.3	2917.6	2799.9	2674.5	2541.1	2403.9	2266.6	2105.8
65°	3854.8	3799.9	3748.9	3627.4	3482.3	3329.3	3184.3	3035.2	2870.5	2698.0	2545.0
62.5°	4568.5	4450.9	4325.4	4176.4	4027.4	3858.7	3713.7	3537.2	3352.9	3141.1	2945.0
60°	5270.5	5129.3	5003.8	4819.5	4623.4	4396.0	4239.1	4066.6	3850.9	3623.5	3392.1
57.5°	5948.9	5796.0	5658.7	5497.9	5286.2	5039.1	4866.6	4643.0	4415.6	4129.3	3894.0
55°	6670.5	6517.5	6407.7	6227.3	5996.0	5768.5	5580.3	5345.0	5027.4	4721.5	4431.3
52.5°	7497.9	7376.3	7258.7	7074.4	6795.9	6564.6	6356.7	6094.0	5760.7	5384.2	5035.2
50°	8423.4	8360.6	8235.1	8019.5	7701.8	7497.9	7223.4	6874.4	6517.5	6121.5	5686.2
47.5°	9650.8	9548.8	9372.4	9137.1	8870.4	8564.5	8195.9	7788.1	7282.2	6843.0	6380.3
45°	11117.4	10929.2	10701.8	10384.1	10054.7	9709.6	9305.7	8788.1	8109.6	7537.1	7050.8
42.5°	12705.6	12450.7	12140.9	11725.3	11297.8	10874.3	10439.0	9733.1	8886.1	8227.3	7678.3
40°	14364.4	14038.9	13650.7	13046.8	12572.3	12027.2	11529.2	10474.3	9572.4	8858.7	8274.3
37.5°	15987.9	15576.2	14925.2	14191.9	13639.0	13191.9	12097.8	10968.4	10160.6	9376.3	8784.1
35°	17231.0	16882.0	15733.0	14972.3	14497.8	13791.9	12423.3	11266.4	10411.6	9760.6	8839.0
32.5°	17968.3	17066.3	16058.5	15289.9	14897.8	13740.9	12446.8	11352.7	10529.2	9799.8	8697.9
30°	17803.6	16713.4	15831.1	15187.9	14337.0	13297.8	12227.2	11219.4	10419.4	9537.1	8541.0
27.5°	16811.4	15968.3	15180.1	14509.5	13674.2	12740.9	11752.7	10866.5	10121.4	9266.5	8325.3
25°	15689.9	14925.2	14340.9	13756.6	12964.5	12074.3	11203.7	10564.5	9815.5	8972.4	8043.0
22.5°	14658.5	14109.5	13650.7	13039.0	12266.4	11490.0	10948.8	10286.1	9517.5	8662.6	7752.8
20°	13999.7	13627.2	13101.7	12427.2	11819.4	11333.1	10733.1	10031.2	9239.0	8344.9	7505.7
17.5°	13682.1	13250.7	12666.4	12227.2	11760.6	11227.2	10556.7	9811.6	8968.5	8199.8	7533.2
15°	13517.4	13062.5	12678.2	12246.8	11721.3	11160.6	10415.5	9643.0	8968.5	8258.7	7552.8
12.5°	13552.7	13160.5	12740.9	12270.4	11705.7	11105.7	10431.2	9713.5	9015.5	8301.8	7556.7
10°	13662.5	13250.7	12803.7	12282.1	11713.5	11121.4	10474.3	9756.7	9039.0	8321.4	7548.9
7.5°	13701.7	13254.6	12776.2	12250.7	11693.9	11113.5	10482.2	9768.4	9043.0	8317.5	7525.3
5°	13580.1	13176.2	12713.5	12184.1	11639.0	11074.3	10450.8	9752.8	9011.6	8278.3	7466.5
2.5°	13415.4	13089.9	12646.8	12137.0	11584.1	11019.4	10399.8	9682.2	8941.0	8207.7	7392.0
0°	13388.0	12984.1	12537.0	12082.1	11493.9	10897.8	10282.2	9548.8	8811.6	8074.4	7262.6
-2.5°	13207.6	12780.1	12333.1	11839.0	11321.3	10721.4	10074.3	9356.7	8627.3	7901.8	7121.4
-5°	13070.3	12595.8	12121.3	11588.0	11066.5	10466.5	9795.9	9097.9	8384.2	7678.3	6925.4
-7.5°	12886.0	12399.8	11901.7	11344.9	10780.2	10168.4	9505.7	8807.7	8105.7	7403.8	6682.2
-10°	12513.5	12086.0	11619.4	11042.9	10446.9	9835.1	9176.3	8490.0	7788.1	7078.3	6352.8
-12.5°	12062.5	11611.5	11101.7	10572.3	10039.0	9470.4	8811.6	8137.1	7431.2	6717.5	5996.0
-15°	11478.2	11035.1	10513.5	9995.9	9482.2	8937.1	8356.7	7748.9	7031.2	6329.3	5607.7
-17.5°	10748.8	10333.1	9866.5	9372.4	8862.6	8313.6	7748.9	7235.2	6564.6	5905.8	5192.1
-20°	9964.5	9576.3	9156.7	8690.0	8180.2	7643.0	7109.7	6572.4	5992.0	5411.7	4748.9



REPORT NUMBER: P722094
 CATALOG NUMBER: IFLD-M-SA4E-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9148.8	8756.7	8333.2	7897.9	7427.3	6929.3	6435.2	5921.5	5411.7	4886.2	4325.4
-25°	8207.7	7862.6	7474.4	7050.8	6631.2	6196.0	5725.4	5258.7	4823.4	4368.5	3909.7
-27.5°	7223.4	6905.7	6552.8	6184.2	5823.4	5458.7	5050.9	4619.5	4258.7	3882.3	3501.9
-30°	6188.1	5933.2	5646.9	5325.4	5047.0	4752.8	4411.7	4054.8	3725.4	3439.1	3133.3
-32.5°	5207.7	4992.1	4788.1	4576.4	4301.9	4074.4	3839.1	3576.4	3286.2	3015.6	2796.0
-35°	4364.6	4133.3	4047.0	3890.1	3694.0	3494.1	3321.5	3133.3	2913.7	2674.5	2494.1
-37.5°	3654.8	3517.6	3396.0	3309.7	3180.3	3019.5	2882.3	2745.0	2576.4	2396.0	2215.6
-40°	3101.9	3007.8	2874.5	2831.3	2749.0	2639.2	2498.0	2392.1	2278.4	2141.1	1988.2
-42.5°	2658.8	2588.2	2501.9	2427.4	2392.1	2313.7	2203.9	2101.9	2011.7	1917.6	1800.0
-45°	2294.1	2247.0	2192.1	2125.4	2098.0	2035.3	1956.8	1843.1	1792.1	1713.7	1627.4
-47.5°	2000.0	1976.4	1937.2	1894.1	1854.9	1807.8	1737.2	1666.6	1596.0	1545.1	1478.4
-50°	1768.6	1752.9	1729.4	1694.1	1643.1	1611.7	1564.7	1501.9	1435.3	1392.1	1345.1
-52.5°	1584.3	1568.6	1552.9	1525.5	1486.2	1454.9	1415.7	1364.7	1309.8	1266.6	1227.4
-55°	1443.1	1419.6	1407.8	1384.3	1352.9	1317.6	1282.3	1247.0	1200.0	1160.8	1121.5
-57.5°	1333.3	1301.9	1286.2	1266.6	1235.3	1200.0	1172.5	1137.2	1105.9	1062.7	1027.4
-60°	1247.0	1211.7	1180.4	1160.8	1133.3	1098.0	1070.6	1043.1	1011.7	976.5	933.3
-62.5°	1176.4	1133.3	1090.2	1066.6	1039.2	1007.8	980.4	952.9	921.6	886.3	847.0
-65°	1109.8	1058.8	1003.9	980.4	952.9	921.6	886.3	866.6	839.2	807.8	768.6
-67.5°	1027.4	972.5	925.5	898.0	870.6	843.1	811.7	792.1	764.7	725.5	686.3
-70°	905.9	870.6	839.2	815.7	792.1	768.6	737.2	705.9	674.5	639.2	603.9
-72.5°	752.9	741.2	737.2	725.5	698.0	670.6	639.2	607.8	580.4	552.9	525.5
-75°	607.8	615.7	623.5	619.6	592.1	564.7	537.2	509.8	490.2	466.7	443.1
-77.5°	482.3	490.2	498.0	498.0	478.4	462.7	443.1	423.5	407.8	388.2	364.7
-80°	372.5	384.3	396.1	403.9	388.2	376.5	360.8	345.1	329.4	313.7	298.0
-82.5°	282.3	294.1	305.9	313.7	302.0	294.1	282.3	270.6	258.8	243.1	231.4
-85°	203.9	211.8	219.6	223.5	215.7	207.8	200.0	192.2	184.3	172.5	164.7
-87.5°	117.6	121.6	125.5	129.4	121.6	113.7	109.8	102.0	98.0	90.2	86.3
-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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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°	98.0	90.2	82.4	78.4	70.6	58.8	51.0	43.1	35.3	27.5	23.5
85°	207.8	188.2	164.7	152.9	137.3	121.6	105.9	90.2	74.5	58.8	43.1
82.5°	356.9	333.3	309.8	282.3	247.1	203.9	160.8	133.3	109.8	86.3	66.7
80°	537.2	494.1	454.9	419.6	380.4	325.5	266.7	211.8	149.0	113.7	86.3
77.5°	745.1	694.1	639.2	580.4	517.6	443.1	376.5	305.9	231.4	156.9	109.8
75°	980.4	913.7	839.2	756.8	674.5	576.5	482.3	400.0	313.7	219.6	133.3
72.5°	1243.1	1160.8	1070.6	960.8	831.4	717.6	603.9	494.1	392.1	278.4	180.4
70°	1580.4	1451.0	1317.6	1200.0	1035.3	854.9	721.6	596.1	466.7	341.2	227.4
67.5°	1941.1	1784.3	1623.5	1451.0	1243.1	1031.4	839.2	698.0	545.1	400.0	270.6
65°	2333.3	2137.2	1933.3	1741.1	1454.9	1203.9	988.2	796.1	619.6	454.9	313.7
62.5°	2737.2	2505.8	2270.5	2019.6	1690.2	1380.4	1129.4	905.9	690.2	505.9	352.9
60°	3168.6	2898.0	2611.7	2298.0	1913.7	1572.5	1262.7	1019.6	764.7	556.9	396.1
57.5°	3623.5	3329.3	2992.1	2568.6	2145.1	1756.8	1415.7	1121.5	831.4	603.9	427.4
55°	4117.6	3780.3	3411.7	2850.9	2372.5	1941.1	1568.6	1223.5	901.9	643.1	458.8
52.5°	4650.9	4258.7	3792.1	3149.0	2611.7	2129.4	1709.8	1313.7	968.6	686.3	486.3
50°	5247.0	4752.8	4125.4	3423.5	2819.6	2305.8	1850.9	1411.7	1023.5	733.3	509.8
47.5°	5866.6	5333.2	4423.4	3678.4	3031.3	2478.4	1996.0	1498.0	1078.4	772.5	533.3
45°	6513.6	5737.1	4733.2	3905.8	3215.6	2635.2	2105.8	1576.4	1145.1	807.8	552.9
42.5°	7152.8	6043.0	5003.8	4133.3	3388.2	2776.4	2196.0	1650.9	1200.0	843.1	572.5
40°	7454.8	6274.4	5219.5	4290.1	3533.3	2901.9	2274.5	1717.6	1247.0	866.6	592.1
37.5°	7580.2	6415.6	5360.7	4439.1	3647.0	2968.6	2341.1	1776.4	1286.2	890.2	607.8
35°	7607.7	6466.5	5431.3	4541.1	3741.1	3031.3	2392.1	1819.6	1317.6	913.7	623.5
32.5°	7556.7	6450.9	5450.9	4576.4	3799.9	3078.4	2427.4	1850.9	1341.2	937.2	639.2
30°	7443.0	6368.5	5380.3	4572.5	3843.1	3105.8	2450.9	1874.5	1364.7	952.9	647.0
27.5°	7258.7	6223.4	5290.1	4576.4	3866.6	3117.6	2462.7	1886.2	1380.4	964.7	662.7
25°	7031.2	6027.3	5294.0	4568.5	3870.5	3121.5	2462.7	1886.2	1384.3	968.6	674.5
22.5°	6768.5	6027.3	5294.0	4556.8	3847.0	3113.7	2450.9	1878.4	1384.3	976.5	686.3
20°	6784.2	6031.3	5282.3	4533.2	3811.7	3090.1	2423.5	1858.8	1372.5	988.2	694.1
17.5°	6795.9	6023.4	5258.7	4501.9	3764.6	3050.9	2388.2	1831.3	1372.5	1000.0	698.0
15°	6795.9	5999.9	5223.4	4454.8	3705.8	2996.0	2337.2	1807.8	1376.4	1003.9	705.9
12.5°	6784.2	5956.7	5168.5	4392.1	3635.2	2929.4	2305.8	1800.0	1376.4	1007.8	705.9
10°	6760.7	5897.9	5097.9	4313.6	3568.6	2905.8	2290.2	1784.3	1368.6	1007.8	705.9
7.5°	6717.5	5827.3	5039.1	4266.6	3529.3	2878.4	2266.6	1760.8	1356.8	1000.0	713.7
5°	6650.9	5788.1	4992.1	4211.7	3474.4	2858.8	2250.9	1741.1	1349.0	1000.0	705.9
2.5°	6564.6	5741.1	4937.2	4141.1	3411.7	2792.1	2200.0	1698.0	1321.5	984.3	698.0
0°	6423.4	5646.9	4843.0	4043.1	3325.4	2725.4	2149.0	1654.9	1294.1	968.6	690.2
-2.5°	6294.0	5521.5	4721.5	3941.1	3243.1	2666.6	2109.8	1631.3	1282.3	964.7	686.3
-5°	6113.6	5348.9	4560.7	3807.8	3133.3	2607.8	2070.5	1603.9	1270.6	956.8	686.3
-7.5°	5913.6	5168.5	4392.1	3670.5	3023.5	2505.8	1996.0	1560.8	1243.1	941.2	682.3
-10°	5603.8	4897.9	4180.3	3513.7	2905.8	2415.6	1933.3	1521.5	1219.6	925.5	666.7
-12.5°	5274.4	4599.9	3937.2	3321.5	2772.5	2321.5	1862.7	1478.4	1192.1	909.8	658.8
-15°	4925.4	4294.0	3682.3	3121.5	2627.4	2207.8	1788.2	1431.3	1164.7	890.2	647.0
-17.5°	4560.7	3972.5	3419.5	2917.6	2482.3	2090.2	1709.8	1388.2	1133.3	870.6	635.3
-20°	4176.4	3643.1	3152.9	2709.8	2329.4	1972.5	1627.4	1337.2	1098.0	847.0	619.6



REPORT NUMBER: P722094
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3796.0	3317.6	2878.4	2505.8	2172.5	1850.9	1545.1	1286.2	1058.8	819.6	607.8
-25°	3458.8	3011.7	2635.2	2309.8	2019.6	1733.3	1458.8	1235.3	1015.7	792.1	592.1
-27.5°	3129.4	2749.0	2396.0	2125.4	1870.6	1619.6	1376.4	1180.4	972.5	760.8	576.5
-30°	2823.5	2498.0	2207.8	1945.1	1729.4	1517.6	1305.9	1125.5	925.5	729.4	556.9
-32.5°	2545.0	2282.3	2039.2	1788.2	1596.0	1415.7	1239.2	1070.6	878.4	698.0	537.2
-35°	2286.2	2082.3	1870.6	1658.8	1462.7	1321.5	1168.6	1011.7	835.3	662.7	517.6
-37.5°	2054.9	1890.2	1721.5	1541.1	1372.5	1231.3	1101.9	952.9	792.1	631.4	498.0
-40°	1854.9	1721.5	1572.5	1427.4	1286.2	1152.9	1035.3	894.1	749.0	607.8	478.4
-42.5°	1670.6	1568.6	1447.0	1325.5	1200.0	1082.3	968.6	831.4	705.9	580.4	458.8
-45°	1529.4	1427.4	1329.4	1219.6	1113.7	1011.7	898.0	776.5	666.7	549.0	439.2
-47.5°	1396.1	1305.9	1215.7	1125.5	1039.2	945.1	831.4	729.4	623.5	521.6	423.5
-50°	1278.4	1192.1	1113.7	1035.3	960.8	870.6	764.7	682.3	588.2	494.1	403.9
-52.5°	1168.6	1094.1	1015.7	952.9	890.2	800.0	713.7	635.3	552.9	462.7	384.3
-55°	1070.6	1000.0	929.4	870.6	811.7	733.3	662.7	596.1	517.6	439.2	364.7
-57.5°	976.5	917.6	851.0	796.1	737.2	674.5	615.7	552.9	482.3	415.7	345.1
-60°	890.2	835.3	776.5	721.6	670.6	619.6	564.7	513.7	451.0	388.2	325.5
-62.5°	803.9	756.8	705.9	651.0	611.8	564.7	521.6	470.6	419.6	364.7	290.2
-65°	725.5	682.3	635.3	588.2	552.9	517.6	478.4	431.4	388.2	337.2	258.8
-67.5°	647.0	607.8	568.6	529.4	498.0	470.6	431.4	396.1	360.8	305.9	227.4
-70°	572.5	541.2	505.9	474.5	451.0	419.6	392.1	360.8	329.4	266.7	192.2
-72.5°	502.0	470.6	443.1	419.6	400.0	372.5	349.0	325.5	282.3	223.5	160.8
-75°	419.6	400.0	384.3	364.7	345.1	325.5	305.9	278.4	235.3	180.4	125.5
-77.5°	345.1	333.3	321.6	305.9	290.2	274.5	251.0	223.5	188.2	141.2	102.0
-80°	282.3	270.6	262.7	247.1	235.3	219.6	196.1	172.5	137.3	109.8	82.4
-82.5°	215.7	207.8	200.0	192.2	180.4	164.7	141.2	121.6	102.0	82.4	62.7
-85°	152.9	149.0	141.2	133.3	121.6	109.8	94.1	82.4	70.6	54.9	43.1
-87.5°	78.4	74.5	70.6	66.7	62.7	54.9	47.1	39.2	35.3	27.5	19.6
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.7	11.8	3.9	0.0
85°	31.4	19.6	7.8	0.0
82.5°	47.1	31.4	11.8	0.0
80°	62.7	39.2	19.6	0.0
77.5°	78.4	47.1	23.5	0.0
75°	94.1	58.8	27.5	0.0
72.5°	105.9	66.7	31.4	0.0
70°	125.5	78.4	35.3	0.0
67.5°	156.9	86.3	39.2	0.0
65°	184.3	94.1	43.1	0.0
62.5°	215.7	102.0	47.1	0.0
60°	243.1	109.8	51.0	0.0
57.5°	270.6	129.4	54.9	0.0
55°	294.1	145.1	58.8	0.0
52.5°	321.6	160.8	62.7	0.0
50°	345.1	176.5	66.7	0.0
47.5°	364.7	192.2	66.7	0.0
45°	380.4	203.9	70.6	0.0
42.5°	392.1	215.7	74.5	0.0
40°	403.9	227.4	78.4	0.0
37.5°	415.7	239.2	78.4	0.0
35°	427.4	251.0	82.4	0.0
32.5°	439.2	262.7	82.4	0.0
30°	447.1	270.6	86.3	0.0
27.5°	458.8	278.4	86.3	0.0
25°	462.7	286.3	90.2	0.0
22.5°	470.6	290.2	90.2	0.0
20°	478.4	298.0	90.2	0.0
17.5°	482.3	302.0	94.1	0.0
15°	482.3	305.9	98.0	0.0
12.5°	486.3	309.8	98.0	0.0
10°	486.3	317.6	94.1	0.0
7.5°	494.1	313.7	94.1	0.0
5°	490.2	313.7	94.1	0.0
2.5°	486.3	309.8	94.1	0.0
0°	482.3	309.8	94.1	0.0
-2.5°	482.3	309.8	94.1	0.0
-5°	482.3	309.8	94.1	0.0
-7.5°	478.4	313.7	94.1	0.0
-10°	470.6	313.7	94.1	0.0
-12.5°	466.7	302.0	94.1	0.0
-15°	462.7	298.0	94.1	0.0
-17.5°	454.9	294.1	90.2	0.0
-20°	447.1	290.2	90.2	0.0



REPORT NUMBER: P722094

CATALOG NUMBER: IFLD-M-SA4E-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	439.2	282.3	90.2	0.0
-25°	431.4	274.5	86.3	0.0
-27.5°	423.5	266.7	86.3	0.0
-30°	411.8	258.8	82.4	0.0
-32.5°	400.0	251.0	82.4	0.0
-35°	392.1	239.2	78.4	0.0
-37.5°	380.4	227.4	78.4	0.0
-40°	368.6	215.7	74.5	0.0
-42.5°	356.9	203.9	70.6	0.0
-45°	341.2	192.2	70.6	0.0
-47.5°	329.4	180.4	66.7	0.0
-50°	309.8	164.7	62.7	0.0
-52.5°	286.3	149.0	58.8	0.0
-55°	262.7	137.3	54.9	0.0
-57.5°	239.2	121.6	54.9	0.0
-60°	215.7	105.9	51.0	0.0
-62.5°	192.2	98.0	47.1	0.0
-65°	168.6	90.2	43.1	0.0
-67.5°	141.2	78.4	39.2	0.0
-70°	117.6	70.6	35.3	0.0
-72.5°	102.0	62.7	31.4	0.0
-75°	86.3	54.9	27.5	0.0
-77.5°	74.5	47.1	23.5	0.0
-80°	58.8	35.3	15.7	0.0
-82.5°	43.1	27.5	11.8	0.0
-85°	27.5	19.6	7.8	0.0
-87.5°	15.7	7.8	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)