

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: P722152

Luminaire Tested: **IFLD-M-SA4E-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722152
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

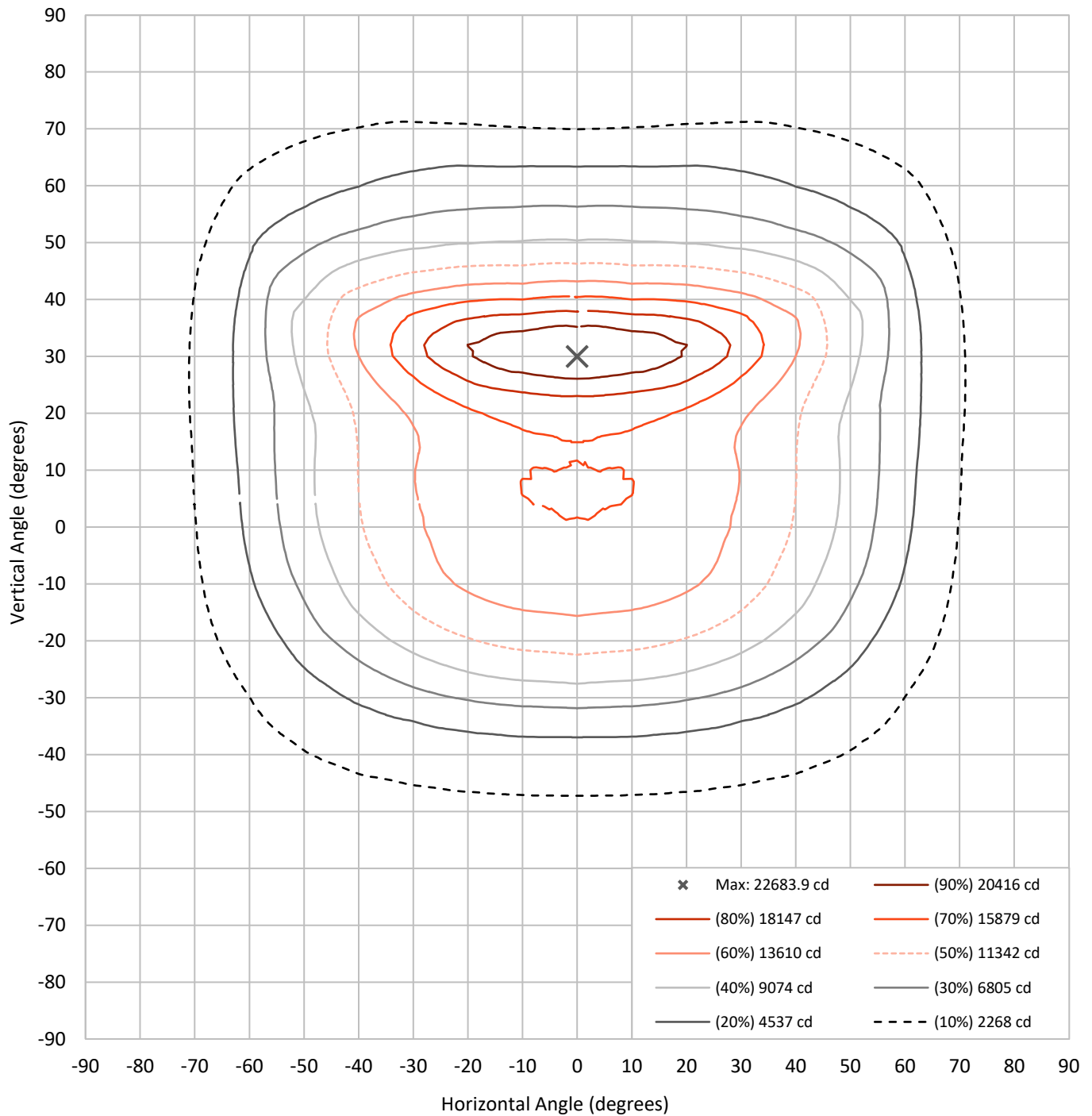
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	37865.1 lumens	Max Intensity:	22683.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	120.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22019 lumens	Field Lumens:	35484.5 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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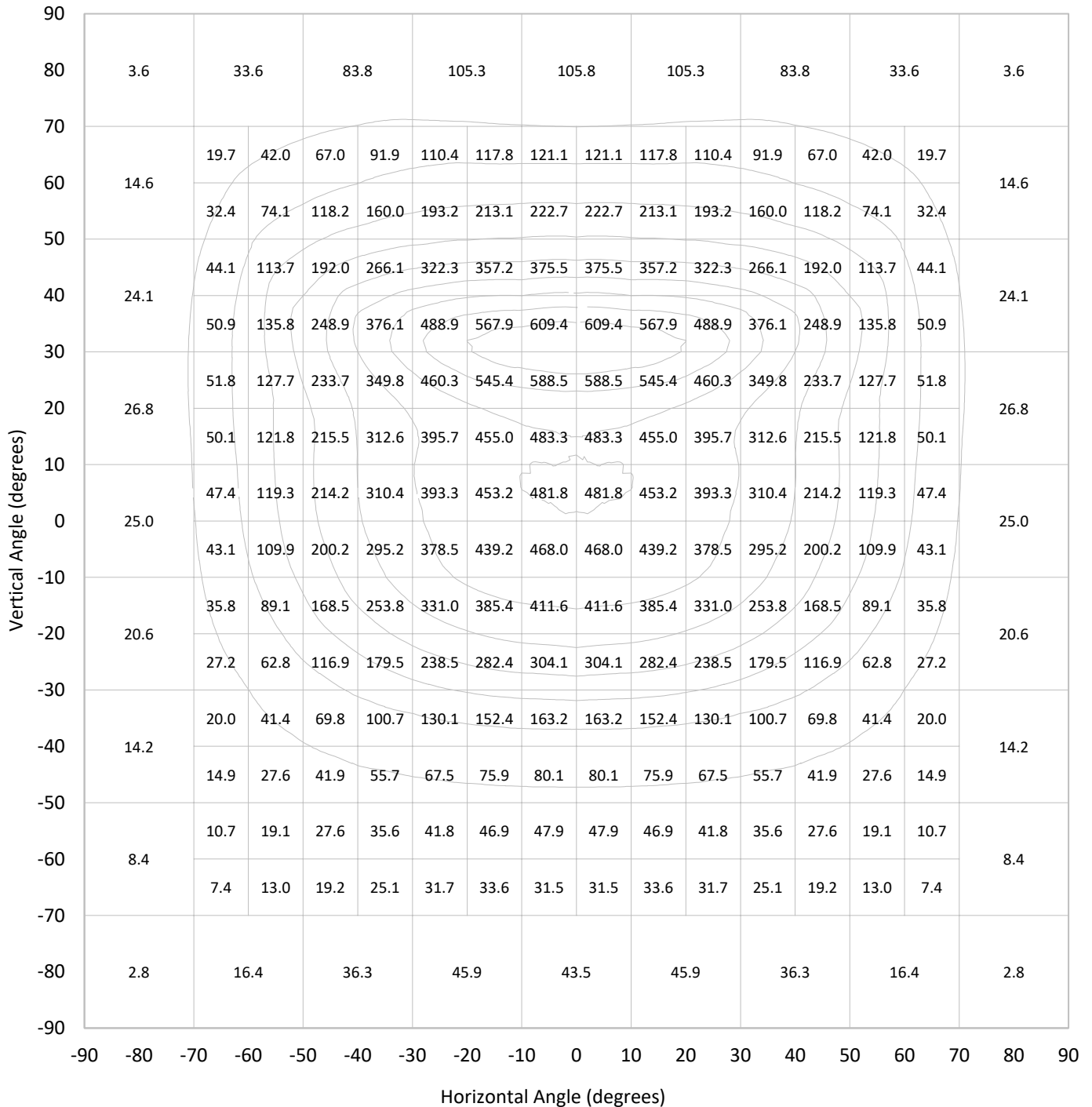
Iso-Candela Plot





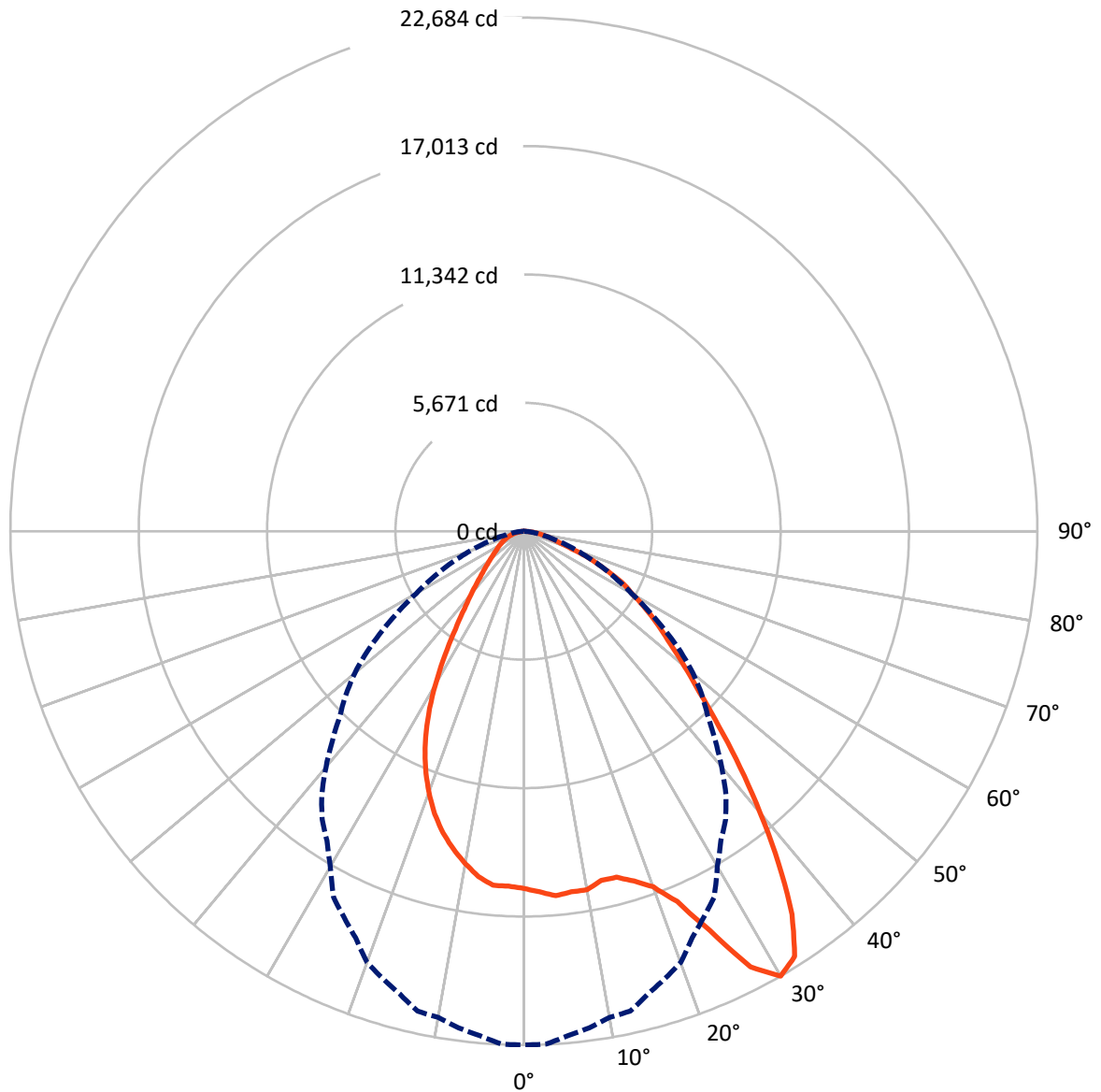
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Lumen Table



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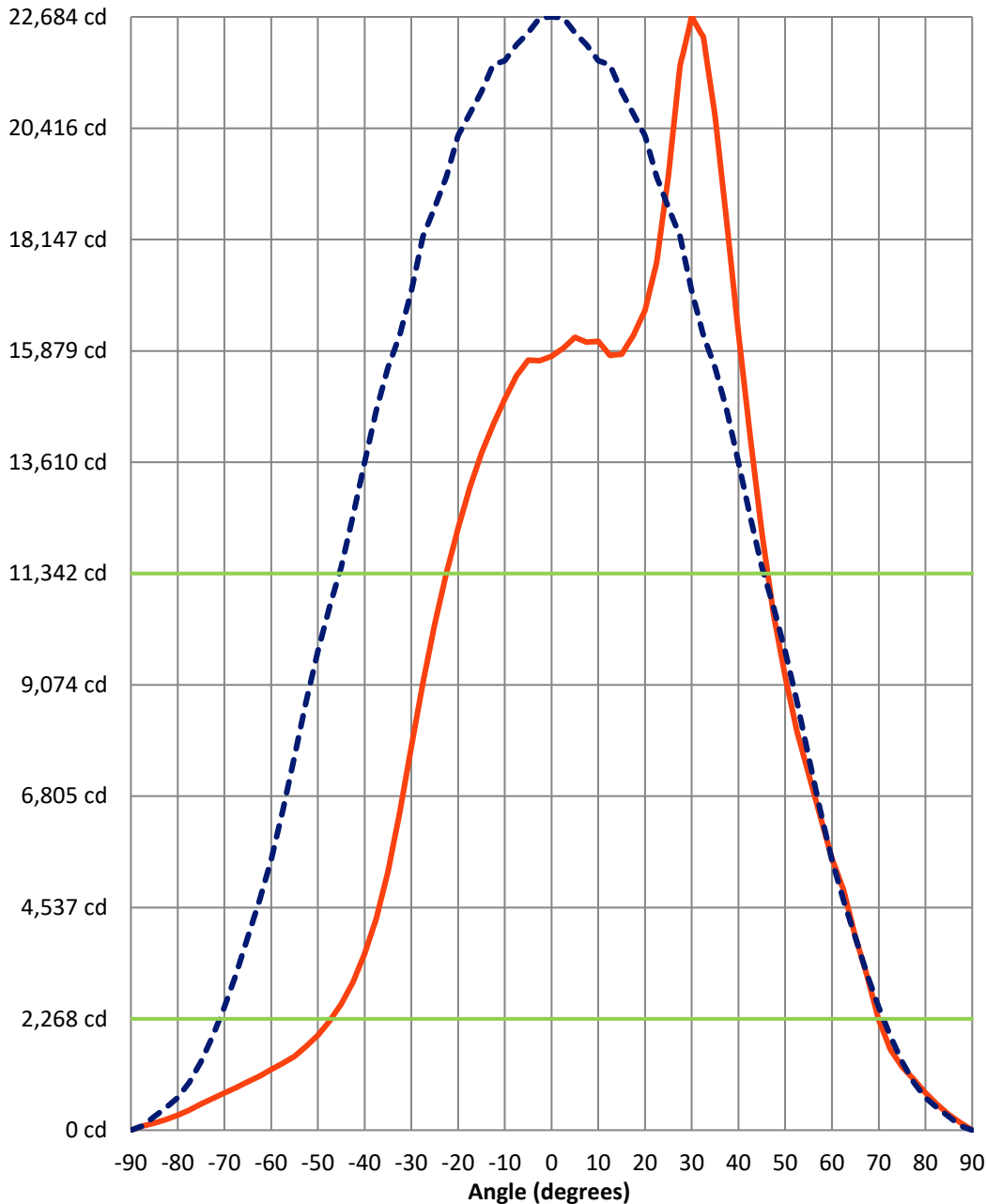
Luminous Intensity Polar Plot



— 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: 22019
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 35484.5
 Efficiency: 93.7%

Spill:
 Lumens: 2380.6
 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°	152.4	156.4	160.5	160.5	156.4	156.4	156.4	152.4	156.4	156.4	156.4
85°	316.9	324.9	332.9	328.9	324.9	316.9	308.9	312.9	316.9	320.9	320.9
82.5°	525.5	537.5	545.5	541.5	533.5	525.5	517.5	521.5	529.5	533.5	533.5
80°	762.1	766.2	770.2	778.2	766.2	766.2	762.1	778.2	786.2	794.2	802.3
77.5°	1034.9	1038.9	1038.9	1042.9	1046.9	1051.0	1051.0	1079.0	1099.1	1111.1	1123.2
75°	1291.6	1303.7	1315.7	1327.7	1343.8	1351.8	1363.8	1404.0	1436.0	1460.1	1484.2
72.5°	1644.6	1660.7	1680.7	1708.8	1736.9	1756.9	1785.0	1833.2	1869.3	1893.3	1921.4
70°	2250.3	2266.4	2286.4	2306.5	2334.6	2354.6	2382.7	2442.9	2479.0	2495.0	2511.1
67.5°	3148.9	3189.0	3225.1	3185.0	3164.9	3136.8	3144.9	3201.0	3237.1	3261.2	3257.2
65°	3947.1	3975.2	3975.2	3971.2	3955.1	3919.0	3939.1	4007.3	4047.4	4067.5	4007.3
62.5°	4885.8	4885.8	4865.7	4897.8	4901.8	4877.7	4865.7	4869.7	4873.7	4885.8	4785.5
60°	5535.6	5575.7	5587.7	5615.8	5623.8	5623.8	5643.9	5659.9	5659.9	5635.9	5519.5
57.5°	6394.0	6470.2	6486.3	6466.2	6426.1	6373.9	6365.9	6341.9	6293.7	6245.6	6189.4
55°	7260.4	7300.6	7296.5	7284.5	7244.4	7184.2	7192.3	7160.2	7083.9	7023.8	6947.6
52.5°	8130.9	8227.2	8243.2	8219.1	8163.0	8098.8	8102.8	8066.7	7990.5	7926.3	7822.0
50°	9242.0	9322.2	9314.2	9274.1	9193.9	9145.8	9149.8	9081.6	8993.3	8973.3	8836.9
47.5°	10513.6	10605.9	10589.8	10533.7	10425.4	10405.3	10425.4	10337.1	10285.0	10240.8	10080.4
45°	12182.3	12290.6	12230.4	12122.1	11949.6	11969.7	11997.8	11981.7	11869.4	11753.1	11548.5
42.5°	14139.8	14208.0	14135.8	14027.5	13810.9	13851.0	13835.0	13738.7	13670.5	13478.0	13217.2
40°	16233.7	16382.1	16269.8	16101.3	15876.7	15936.9	15892.8	15768.4	15607.9	15367.3	15038.3
37.5°	18492.1	18608.4	18480.0	18283.5	18082.9	18062.9	17974.6	17782.1	17553.4	17288.7	16763.2
35°	20654.2	20955.0	20718.3	20405.5	20160.8	20068.5	19984.3	19539.0	19278.3	18849.1	18131.1
32.5°	22262.7	22483.3	22190.5	21865.6	21568.7	21440.4	21143.5	20614.0	20473.6	19571.1	18913.3
30°	22683.9	22667.8	22363.0	22114.3	21793.4	21705.1	21159.6	20710.3	20261.1	19426.7	18800.9
27.5°	21681.0	21580.8	21287.9	21071.3	20754.4	20650.1	20112.6	19872.0	19178.0	18472.0	17942.5
25°	19446.8	19498.9	19278.3	19170.0	18961.4	18736.8	18524.2	18199.2	17766.0	17148.3	16662.9
22.5°	17685.8	17754.0	17661.7	17533.4	17372.9	17248.6	17088.1	16835.4	16418.2	16037.2	15579.9
20°	16707.0	16687.0	16606.8	16510.5	16358.1	16269.8	16093.3	15880.7	15559.8	15230.9	14737.5
17.5°	16193.6	16069.2	15993.0	15956.9	15876.7	15764.4	15555.8	15339.2	15090.5	14717.4	14356.4
15°	15812.5	15832.6	15772.4	15744.3	15680.2	15523.7	15311.1	15134.6	14797.7	14609.1	14280.2
12.5°	15788.5	15768.4	15772.4	15760.4	15680.2	15479.6	15371.3	15146.6	14930.0	14681.3	14304.3
10°	16073.3	15860.7	15876.7	15932.9	15804.5	15644.1	15527.7	15283.0	15078.5	14761.6	14388.5
7.5°	16057.2	15948.9	15981.0	15888.7	15928.9	15732.3	15571.8	15327.2	15070.4	14733.5	14396.5
5°	16153.5	15989.0	15960.9	15969.0	15868.7	15720.3	15503.7	15271.0	15030.3	14653.3	14308.3
2.5°	15932.9	15956.9	15828.6	15780.4	15768.4	15519.7	15319.1	15094.5	14845.8	14512.9	14204.0
0°	15768.4	15812.5	15680.2	15612.0	15607.9	15395.3	15267.0	15010.3	14833.8	14557.0	14183.9
-2.5°	15680.2	15732.3	15748.3	15624.0	15503.7	15339.2	15122.6	14845.8	14557.0	14236.1	13915.2
-5°	15688.2	15583.9	15539.8	15579.9	15475.6	15311.1	15070.4	14825.7	14540.9	14196.0	13794.8
-7.5°	15371.3	15267.0	15259.0	15238.9	15214.8	15058.4	14857.8	14593.1	14304.3	13983.4	13610.3
-10°	14897.9	14821.7	14801.7	14781.6	14717.4	14625.2	14436.7	14196.0	13935.2	13614.3	13217.2
-12.5°	14372.5	14336.4	14260.2	14208.0	14143.8	14035.5	13855.0	13634.4	13373.7	13088.9	12747.9
-15°	13790.8	13722.6	13646.4	13602.3	13510.0	13381.7	13201.2	12996.6	12711.8	12431.0	12110.1
-17.5°	13088.9	13004.6	12920.4	12908.3	12844.2	12647.6	12479.1	12230.4	11981.7	11713.0	11400.1
-20°	12262.5	12146.2	12090.0	12058.0	11969.7	11825.3	11644.8	11416.1	11175.5	10918.7	10557.7



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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°	11348.0	11247.7	11151.4	11091.2	11015.0	10902.7	10730.2	10529.6	10293.0	10004.2	9671.2
-25°	10309.0	10168.6	10108.5	10040.3	10000.2	9895.9	9727.4	9542.9	9298.2	9017.4	8700.5
-27.5°	9121.7	9009.4	8977.3	8881.0	8832.9	8724.6	8584.2	8411.7	8187.1	7922.3	7661.6
-30°	7810.0	7741.8	7689.7	7593.4	7557.3	7441.0	7348.7	7204.3	6999.7	6811.2	6602.6
-32.5°	6462.2	6394.0	6378.0	6333.8	6309.8	6233.6	6129.3	6025.0	5860.5	5720.1	5551.6
-35°	5266.8	5218.7	5222.7	5218.7	5194.6	5138.5	5010.1	4982.0	4861.7	4733.3	4625.0
-37.5°	4312.1	4316.2	4312.1	4308.1	4276.0	4252.0	4159.7	4123.6	4051.4	3927.1	3862.9
-40°	3594.1	3602.1	3598.1	3590.1	3554.0	3542.0	3481.8	3433.7	3405.6	3317.3	3249.1
-42.5°	3012.5	3024.5	3020.5	3016.5	2992.4	2988.4	2956.3	2900.2	2884.1	2832.0	2759.8
-45°	2571.2	2567.2	2559.2	2567.2	2555.2	2543.2	2523.1	2487.0	2466.9	2442.9	2382.7
-47.5°	2222.3	2226.3	2218.2	2218.2	2202.2	2190.2	2182.1	2158.1	2142.0	2122.0	2085.9
-50°	1933.4	1949.5	1945.5	1941.5	1929.4	1921.4	1921.4	1897.3	1873.3	1865.3	1841.2
-52.5°	1708.8	1720.8	1724.9	1732.9	1736.9	1740.9	1728.9	1704.8	1664.7	1660.7	1648.6
-55°	1504.2	1540.3	1564.4	1580.5	1596.5	1608.5	1584.5	1552.4	1512.3	1496.2	1492.2
-57.5°	1363.8	1399.9	1428.0	1452.1	1472.1	1492.2	1468.1	1436.0	1399.9	1379.9	1375.9
-60°	1235.5	1267.6	1295.6	1327.7	1355.8	1387.9	1375.9	1351.8	1331.7	1315.7	1299.7
-62.5°	1099.1	1131.2	1163.3	1203.4	1239.5	1271.6	1275.6	1271.6	1267.6	1271.6	1243.5
-65°	986.8	1002.8	1022.9	1067.0	1107.1	1143.2	1163.3	1175.3	1195.4	1215.4	1187.3
-67.5°	866.4	886.5	910.6	942.7	974.7	998.8	1026.9	1059.0	1091.1	1123.2	1103.1
-70°	758.1	774.2	794.2	810.3	830.3	846.4	870.5	906.6	942.7	974.7	966.7
-72.5°	645.8	661.9	673.9	681.9	694.0	702.0	714.0	746.1	770.2	786.2	786.2
-75°	533.5	549.5	561.6	565.6	573.6	577.6	585.6	597.7	609.7	613.7	617.7
-77.5°	409.2	425.2	437.2	445.3	453.3	461.3	465.3	473.3	477.3	477.3	481.4
-80°	304.9	316.9	324.9	336.9	341.0	349.0	357.0	361.0	365.0	365.0	369.0
-82.5°	216.6	224.6	232.7	240.7	248.7	252.7	260.7	264.7	268.8	272.8	276.8
-85°	144.4	152.4	160.5	168.5	172.5	176.5	180.5	184.5	188.5	192.5	196.6
-87.5°	84.2	88.2	92.3	100.3	104.3	112.3	116.3	112.3	116.3	116.3	116.3
-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):

	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°	156.4	156.4	156.4	156.4	152.4	144.4	140.4	132.4	124.4	116.3	108.3
85°	324.9	328.9	328.9	328.9	320.9	316.9	304.9	292.8	276.8	252.7	232.7
82.5°	541.5	545.5	545.5	541.5	533.5	521.5	505.4	485.4	453.3	421.2	393.1
80°	814.3	818.3	818.3	814.3	794.2	774.2	754.1	730.1	689.9	645.8	597.7
77.5°	1139.2	1147.2	1147.2	1135.2	1107.1	1083.0	1051.0	1010.8	950.7	886.5	822.3
75°	1516.3	1536.3	1540.3	1528.3	1492.2	1448.1	1395.9	1327.7	1235.5	1155.3	1079.0
72.5°	1953.5	1973.6	1989.6	1973.6	1921.4	1861.2	1785.0	1704.8	1612.5	1504.2	1375.9
70°	2527.1	2547.2	2559.2	2507.1	2414.8	2314.5	2222.3	2130.0	2021.7	1889.3	1748.9
67.5°	3249.1	3229.1	3205.0	3100.7	2984.4	2864.1	2735.7	2599.3	2458.9	2318.5	2154.1
65°	3943.1	3886.9	3834.8	3710.4	3562.0	3405.6	3257.2	3104.7	2936.3	2759.8	2603.3
62.5°	4673.2	4552.8	4424.5	4272.0	4119.6	3947.1	3798.7	3618.2	3429.7	3213.0	3012.5
60°	5391.2	5246.8	5118.4	4929.9	4729.3	4496.7	4336.2	4159.7	3939.1	3706.4	3469.8
57.5°	6085.1	5928.7	5788.3	5623.8	5407.2	5154.5	4978.0	4749.4	4516.7	4223.9	3983.2
55°	6823.2	6666.8	6554.5	6369.9	6133.3	5900.6	5708.1	5467.4	5142.5	4829.6	4532.8
52.5°	7669.6	7545.2	7424.9	7236.4	6951.6	6714.9	6502.3	6233.6	5892.6	5507.5	5150.5
50°	8616.3	8552.1	8423.7	8203.1	7878.2	7669.6	7388.8	7031.8	6666.8	6261.6	5816.4
47.5°	9871.8	9767.5	9587.0	9346.3	9073.5	8760.7	8383.6	7966.4	7449.0	6999.7	6526.4
45°	11372.0	11179.5	10946.8	10621.9	10285.0	9932.0	9518.8	8989.3	8295.4	7709.7	7212.3
42.5°	12996.6	12735.9	12419.0	11993.8	11556.5	11123.3	10678.1	9956.0	9089.6	8415.7	7854.1
40°	14693.4	14360.4	13963.3	13345.6	12860.2	12302.6	11793.2	10714.2	9791.6	9061.5	8463.8
37.5°	16354.0	15932.9	15267.0	14516.9	13951.3	13494.0	12374.8	11219.6	10393.3	9591.0	8985.3
35°	17625.6	17268.6	16093.3	15315.1	14829.8	14107.7	12707.8	11524.5	10650.0	9984.1	9041.5
32.5°	18379.8	17457.2	16426.3	15640.0	15238.9	14055.6	12731.9	11612.7	10770.3	10024.2	8897.1
30°	18211.3	17096.1	16193.6	15535.7	14665.3	13602.3	12507.2	11476.3	10658.0	9755.5	8736.6
27.5°	17196.4	16334.0	15527.7	14841.8	13987.4	13032.7	12021.9	11115.3	10353.2	9478.7	8516.0
25°	16049.2	15267.0	14669.3	14071.6	13261.3	12350.8	11460.3	10806.4	10040.3	9177.8	8227.2
22.5°	14994.2	14432.6	13963.3	13337.6	12547.3	11753.1	11199.5	10521.6	9735.4	8861.0	7930.3
20°	14320.3	13939.2	13401.7	12711.8	12090.0	11592.6	10978.9	10260.9	9450.6	8536.0	7677.6
17.5°	13995.4	13554.2	12956.5	12507.2	12029.9	11484.3	10798.4	10036.3	9173.8	8387.6	7705.7
15°	13826.9	13361.6	12968.5	12527.3	11989.8	11416.1	10654.0	9863.8	9173.8	8447.8	7725.8
12.5°	13863.0	13461.9	13032.7	12551.3	11973.7	11360.0	10670.0	9936.0	9222.0	8491.9	7729.8
10°	13975.4	13554.2	13096.9	12563.4	11981.7	11376.0	10714.2	9980.1	9246.0	8512.0	7721.7
7.5°	14015.5	13558.2	13068.8	12531.3	11961.7	11368.0	10722.2	9992.1	9250.0	8508.0	7697.7
5°	13891.1	13478.0	13004.6	12463.1	11905.5	11327.9	10690.1	9976.1	9218.0	8467.8	7637.5
2.5°	13722.6	13389.7	12936.4	12415.0	11849.4	11271.7	10638.0	9903.9	9145.8	8395.6	7561.3
0°	13694.6	13281.4	12824.1	12358.8	11757.1	11147.4	10517.6	9767.5	9013.4	8259.3	7428.9
-2.5°	13510.0	13072.8	12615.5	12110.1	11580.6	10966.9	10305.0	9570.9	8824.8	8082.8	7284.5
-5°	13369.6	12884.3	12398.9	11853.4	11319.9	10706.1	10020.2	9306.2	8576.1	7854.1	7083.9
-7.5°	13181.1	12683.7	12174.3	11604.7	11027.0	10401.3	9723.4	9009.4	8291.3	7573.3	6835.2
-10°	12800.0	12362.8	11885.5	11295.8	10686.1	10060.3	9386.4	8684.5	7966.4	7240.4	6498.3
-12.5°	12338.7	11877.4	11356.0	10814.5	10268.9	9687.3	9013.4	8323.4	7601.4	6871.3	6133.3
-15°	11741.1	11287.8	10754.3	10224.8	9699.3	9141.7	8548.1	7926.3	7192.3	6474.2	5736.2
-17.5°	10995.0	10569.8	10092.4	9587.0	9065.5	8503.9	7926.3	7400.8	6714.9	6041.0	5311.0
-20°	10192.7	9795.6	9366.4	8889.0	8367.6	7818.0	7272.5	6722.9	6129.3	5535.6	4857.7



REPORT NUMBER: P722152
 CATALOG NUMBER: IFLD-M-SA4E-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9358.4	8957.2	8524.0	8078.7	7597.4	7088.0	6582.5	6057.1	5535.6	4998.1	4424.5
-25°	8395.6	8042.6	7645.5	7212.3	6783.1	6337.8	5856.5	5379.1	4933.9	4468.6	3999.3
-27.5°	7388.8	7063.9	6702.9	6325.8	5956.8	5583.7	5166.5	4725.3	4356.3	3971.2	3582.1
-30°	6329.8	6069.1	5776.3	5447.3	5162.5	4861.7	4512.7	4147.7	3810.7	3517.9	3205.0
-32.5°	5327.0	5106.4	4897.8	4681.2	4400.4	4167.7	3927.1	3658.3	3361.5	3084.7	2860.1
-35°	4464.6	4227.9	4139.7	3979.2	3778.6	3574.1	3397.6	3205.0	2980.4	2735.7	2551.2
-37.5°	3738.5	3598.1	3473.8	3385.5	3253.2	3088.7	2948.3	2807.9	2635.4	2450.9	2266.4
-40°	3172.9	3076.7	2940.3	2896.2	2811.9	2699.6	2555.2	2446.9	2330.6	2190.2	2033.7
-42.5°	2719.7	2647.5	2559.2	2483.0	2446.9	2366.7	2254.3	2150.1	2057.8	1961.5	1841.2
-45°	2346.6	2298.5	2242.3	2174.1	2146.0	2081.9	2001.6	1885.3	1833.2	1752.9	1664.7
-47.5°	2045.8	2021.7	1981.6	1937.5	1897.3	1849.2	1777.0	1704.8	1632.6	1580.5	1512.3
-50°	1809.1	1793.0	1769.0	1732.9	1680.7	1648.6	1600.5	1536.3	1468.1	1424.0	1375.9
-52.5°	1620.6	1604.5	1588.5	1560.4	1520.3	1488.2	1448.1	1395.9	1339.8	1295.6	1255.5
-55°	1476.2	1452.1	1440.1	1416.0	1383.9	1347.8	1311.7	1275.6	1227.5	1187.3	1147.2
-57.5°	1363.8	1331.7	1315.7	1295.6	1263.6	1227.5	1199.4	1163.3	1131.2	1087.1	1051.0
-60°	1275.6	1239.5	1207.4	1187.3	1159.3	1123.2	1095.1	1067.0	1034.9	998.8	954.7
-62.5°	1203.4	1159.3	1115.1	1091.1	1063.0	1030.9	1002.8	974.7	942.7	906.6	866.4
-65°	1135.2	1083.0	1026.9	1002.8	974.7	942.7	906.6	886.5	858.4	826.3	786.2
-67.5°	1051.0	994.8	946.7	918.6	890.5	862.4	830.3	810.3	782.2	742.1	702.0
-70°	926.6	890.5	858.4	834.3	810.3	786.2	754.1	722.0	689.9	653.8	617.7
-72.5°	770.2	758.1	754.1	742.1	714.0	685.9	653.8	621.8	593.7	565.6	537.5
-75°	621.8	629.8	637.8	633.8	605.7	577.6	549.5	521.5	501.4	477.3	453.3
-77.5°	493.4	501.4	509.4	509.4	489.4	473.3	453.3	433.2	417.2	397.1	373.1
-80°	381.1	393.1	405.1	413.2	397.1	385.1	369.0	353.0	336.9	320.9	304.9
-82.5°	288.8	300.8	312.9	320.9	308.9	300.8	288.8	276.8	264.7	248.7	236.7
-85°	208.6	216.6	224.6	228.6	220.6	212.6	204.6	196.6	188.5	176.5	168.5
-87.5°	120.3	124.4	128.4	132.4	124.4	116.3	112.3	104.3	100.3	92.3	88.2
-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-M-SA4E-760-U-76

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°	100.3	92.3	84.2	80.2	72.2	60.2	52.1	44.1	36.1	28.1	24.1
85°	212.6	192.5	168.5	156.4	140.4	124.4	108.3	92.3	76.2	60.2	44.1
82.5°	365.0	341.0	316.9	288.8	252.7	208.6	164.5	136.4	112.3	88.2	68.2
80°	549.5	505.4	465.3	429.2	389.1	332.9	272.8	216.6	152.4	116.3	88.2
77.5°	762.1	710.0	653.8	593.7	529.5	453.3	385.1	312.9	236.7	160.5	112.3
75°	1002.8	934.6	858.4	774.2	689.9	589.7	493.4	409.2	320.9	224.6	136.4
72.5°	1271.6	1187.3	1095.1	982.8	850.4	734.1	617.7	505.4	401.1	284.8	184.5
70°	1616.6	1484.2	1347.8	1227.5	1059.0	874.5	738.1	609.7	477.3	349.0	232.7
67.5°	1985.6	1825.1	1660.7	1484.2	1271.6	1055.0	858.4	714.0	557.6	409.2	276.8
65°	2386.7	2186.2	1977.6	1781.0	1488.2	1231.5	1010.8	814.3	633.8	465.3	320.9
62.5°	2799.9	2563.2	2322.5	2065.8	1728.9	1412.0	1155.3	926.6	706.0	517.5	361.0
60°	3241.1	2964.3	2671.5	2350.6	1957.5	1608.5	1291.6	1042.9	782.2	569.6	405.1
57.5°	3706.4	3405.6	3060.6	2627.4	2194.2	1797.1	1448.1	1147.2	850.4	617.7	437.2
55°	4211.9	3866.9	3489.8	2916.2	2426.8	1985.6	1604.5	1251.5	922.6	657.9	469.3
52.5°	4757.4	4356.3	3878.9	3221.1	2671.5	2178.1	1748.9	1343.8	990.8	702.0	497.4
50°	5367.1	4861.7	4219.9	3501.9	2884.1	2358.6	1893.3	1444.1	1046.9	750.1	521.5
47.5°	6000.9	5455.4	4524.7	3762.6	3100.7	2535.1	2041.7	1532.3	1103.1	790.2	545.5
45°	6662.8	5868.5	4841.6	3995.2	3289.3	2695.6	2154.1	1612.5	1171.3	826.3	565.6
42.5°	7316.6	6181.4	5118.4	4227.9	3465.8	2840.0	2246.3	1688.8	1227.5	862.4	585.6
40°	7625.5	6418.1	5339.0	4388.4	3614.2	2968.4	2326.6	1756.9	1275.6	886.5	605.7
37.5°	7753.8	6562.5	5483.4	4540.8	3730.5	3036.6	2394.7	1817.1	1315.7	910.6	621.8
35°	7781.9	6614.6	5555.6	4645.1	3826.8	3100.7	2446.9	1861.2	1347.8	934.6	637.8
32.5°	7729.8	6598.6	5575.7	4681.2	3886.9	3148.9	2483.0	1893.3	1371.9	958.7	653.8
30°	7613.4	6514.3	5503.5	4677.2	3931.1	3176.9	2507.1	1917.4	1395.9	974.7	661.9
27.5°	7424.9	6365.9	5411.2	4681.2	3955.1	3189.0	2519.1	1929.4	1412.0	986.8	677.9
25°	7192.3	6165.4	5415.2	4673.2	3959.1	3193.0	2519.1	1929.4	1416.0	990.8	689.9
22.5°	6923.5	6165.4	5415.2	4661.1	3935.1	3185.0	2507.1	1921.4	1416.0	998.8	702.0
20°	6939.5	6169.4	5403.2	4637.1	3899.0	3160.9	2479.0	1901.4	1404.0	1010.8	710.0
17.5°	6951.6	6161.3	5379.1	4605.0	3850.8	3120.8	2442.9	1873.3	1404.0	1022.9	714.0
15°	6951.6	6137.3	5343.0	4556.8	3790.7	3064.6	2390.7	1849.2	1408.0	1026.9	722.0
12.5°	6939.5	6093.2	5286.9	4492.7	3718.5	2996.4	2358.6	1841.2	1408.0	1030.9	722.0
10°	6915.5	6033.0	5214.7	4412.4	3650.3	2972.4	2342.6	1825.1	1399.9	1030.9	722.0
7.5°	6871.3	5960.8	5154.5	4364.3	3610.2	2944.3	2318.5	1801.1	1387.9	1022.9	730.1
5°	6803.2	5920.7	5106.4	4308.1	3554.0	2924.2	2302.5	1781.0	1379.9	1022.9	722.0
2.5°	6714.9	5872.5	5050.2	4235.9	3489.8	2856.0	2250.3	1736.9	1351.8	1006.8	714.0
0°	6570.5	5776.3	4953.9	4135.6	3401.6	2787.8	2198.2	1692.8	1323.7	990.8	706.0
-2.5°	6438.1	5647.9	4829.6	4031.4	3317.3	2727.7	2158.1	1668.7	1311.7	986.8	702.0
-5°	6253.6	5471.4	4665.1	3895.0	3205.0	2667.5	2118.0	1640.6	1299.7	978.8	702.0
-7.5°	6049.0	5286.9	4492.7	3754.6	3092.7	2563.2	2041.7	1596.5	1271.6	962.7	698.0
-10°	5732.1	5010.1	4276.0	3594.1	2972.4	2471.0	1977.6	1556.4	1247.5	946.7	681.9
-12.5°	5395.2	4705.2	4027.3	3397.6	2836.0	2374.7	1905.4	1512.3	1219.4	930.6	673.9
-15°	5038.2	4392.4	3766.6	3193.0	2687.6	2258.4	1829.2	1464.1	1191.4	910.6	661.9
-17.5°	4665.1	4063.4	3497.8	2984.4	2539.1	2138.0	1748.9	1420.0	1159.3	890.5	649.8
-20°	4272.0	3726.5	3225.1	2771.8	2382.7	2017.7	1664.7	1367.9	1123.2	866.4	633.8



REPORT NUMBER: P722152
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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°	3882.9	3393.6	2944.3	2563.2	2222.3	1893.3	1580.5	1315.7	1083.0	838.4	621.8
-25°	3538.0	3080.7	2695.6	2362.7	2065.8	1773.0	1492.2	1263.6	1038.9	810.3	605.7
-27.5°	3201.0	2811.9	2450.9	2174.1	1913.4	1656.7	1408.0	1207.4	994.8	778.2	589.7
-30°	2888.1	2555.2	2258.4	1989.6	1769.0	1552.4	1335.8	1151.2	946.7	746.1	569.6
-32.5°	2603.3	2334.6	2085.9	1829.2	1632.6	1448.1	1267.6	1095.1	898.5	714.0	549.5
-35°	2338.6	2130.0	1913.4	1696.8	1496.2	1351.8	1195.4	1034.9	854.4	677.9	529.5
-37.5°	2101.9	1933.4	1761.0	1576.4	1404.0	1259.5	1127.2	974.7	810.3	645.8	509.4
-40°	1897.3	1761.0	1608.5	1460.1	1315.7	1179.3	1059.0	914.6	766.2	621.8	489.4
-42.5°	1708.8	1604.5	1480.2	1355.8	1227.5	1107.1	990.8	850.4	722.0	593.7	469.3
-45°	1564.4	1460.1	1359.8	1247.5	1139.2	1034.9	918.6	794.2	681.9	561.6	449.3
-47.5°	1428.0	1335.8	1243.5	1151.2	1063.0	966.7	850.4	746.1	637.8	533.5	433.2
-50°	1307.7	1219.4	1139.2	1059.0	982.8	890.5	782.2	698.0	601.7	505.4	413.2
-52.5°	1195.4	1119.2	1038.9	974.7	910.6	818.3	730.1	649.8	565.6	473.3	393.1
-55°	1095.1	1022.9	950.7	890.5	830.3	750.1	677.9	609.7	529.5	449.3	373.1
-57.5°	998.8	938.6	870.5	814.3	754.1	689.9	629.8	565.6	493.4	425.2	353.0
-60°	910.6	854.4	794.2	738.1	685.9	633.8	577.6	525.5	461.3	397.1	332.9
-62.5°	822.3	774.2	722.0	665.9	625.8	577.6	533.5	481.4	429.2	373.1	296.8
-65°	742.1	698.0	649.8	601.7	565.6	529.5	489.4	441.2	397.1	345.0	264.7
-67.5°	661.9	621.8	581.6	541.5	509.4	481.4	441.2	405.1	369.0	312.9	232.7
-70°	585.6	553.6	517.5	485.4	461.3	429.2	401.1	369.0	336.9	272.8	196.6
-72.5°	513.4	481.4	453.3	429.2	409.2	381.1	357.0	332.9	288.8	228.6	164.5
-75°	429.2	409.2	393.1	373.1	353.0	332.9	312.9	284.8	240.7	184.5	128.4
-77.5°	353.0	341.0	328.9	312.9	296.8	280.8	256.7	228.6	192.5	144.4	104.3
-80°	288.8	276.8	268.8	252.7	240.7	224.6	200.6	176.5	140.4	112.3	84.2
-82.5°	220.6	212.6	204.6	196.6	184.5	168.5	144.4	124.4	104.3	84.2	64.2
-85°	156.4	152.4	144.4	136.4	124.4	112.3	96.3	84.2	72.2	56.2	44.1
-87.5°	80.2	76.2	72.2	68.2	64.2	56.2	48.1	40.1	36.1	28.1	20.1
-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: P722152
 CATALOG NUMBER: IFLD-M-SA4E-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.0	12.0	4.0	0.0
85°	32.1	20.1	8.0	0.0
82.5°	48.1	32.1	12.0	0.0
80°	64.2	40.1	20.1	0.0
77.5°	80.2	48.1	24.1	0.0
75°	96.3	60.2	28.1	0.0
72.5°	108.3	68.2	32.1	0.0
70°	128.4	80.2	36.1	0.0
67.5°	160.5	88.2	40.1	0.0
65°	188.5	96.3	44.1	0.0
62.5°	220.6	104.3	48.1	0.0
60°	248.7	112.3	52.1	0.0
57.5°	276.8	132.4	56.2	0.0
55°	300.8	148.4	60.2	0.0
52.5°	328.9	164.5	64.2	0.0
50°	353.0	180.5	68.2	0.0
47.5°	373.1	196.6	68.2	0.0
45°	389.1	208.6	72.2	0.0
42.5°	401.1	220.6	76.2	0.0
40°	413.2	232.7	80.2	0.0
37.5°	425.2	244.7	80.2	0.0
35°	437.2	256.7	84.2	0.0
32.5°	449.3	268.8	84.2	0.0
30°	457.3	276.8	88.2	0.0
27.5°	469.3	284.8	88.2	0.0
25°	473.3	292.8	92.3	0.0
22.5°	481.4	296.8	92.3	0.0
20°	489.4	304.9	92.3	0.0
17.5°	493.4	308.9	96.3	0.0
15°	493.4	312.9	100.3	0.0
12.5°	497.4	316.9	100.3	0.0
10°	497.4	324.9	96.3	0.0
7.5°	505.4	320.9	96.3	0.0
5°	501.4	320.9	96.3	0.0
2.5°	497.4	316.9	96.3	0.0
0°	493.4	316.9	96.3	0.0
-2.5°	493.4	316.9	96.3	0.0
-5°	493.4	316.9	96.3	0.0
-7.5°	489.4	320.9	96.3	0.0
-10°	481.4	320.9	96.3	0.0
-12.5°	477.3	308.9	96.3	0.0
-15°	473.3	304.9	96.3	0.0
-17.5°	465.3	300.8	92.3	0.0
-20°	457.3	296.8	92.3	0.0



REPORT NUMBER: P722152
 CATALOG NUMBER: IFLD-M-SA4E-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	449.3	288.8	92.3	0.0
-25°	441.2	280.8	88.2	0.0
-27.5°	433.2	272.8	88.2	0.0
-30°	421.2	264.7	84.2	0.0
-32.5°	409.2	256.7	84.2	0.0
-35°	401.1	244.7	80.2	0.0
-37.5°	389.1	232.7	80.2	0.0
-40°	377.1	220.6	76.2	0.0
-42.5°	365.0	208.6	72.2	0.0
-45°	349.0	196.6	72.2	0.0
-47.5°	336.9	184.5	68.2	0.0
-50°	316.9	168.5	64.2	0.0
-52.5°	292.8	152.4	60.2	0.0
-55°	268.8	140.4	56.2	0.0
-57.5°	244.7	124.4	56.2	0.0
-60°	220.6	108.3	52.1	0.0
-62.5°	196.6	100.3	48.1	0.0
-65°	172.5	92.3	44.1	0.0
-67.5°	144.4	80.2	40.1	0.0
-70°	120.3	72.2	36.1	0.0
-72.5°	104.3	64.2	32.1	0.0
-75°	88.2	56.2	28.1	0.0
-77.5°	76.2	48.1	24.1	0.0
-80°	60.2	36.1	16.0	0.0
-82.5°	44.1	28.1	12.0	0.0
-85°	28.1	20.1	8.0	0.0
-87.5°	16.0	8.0	4.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)