

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: P722160

Luminaire Tested: **IFLD-L-SA8C-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722160
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

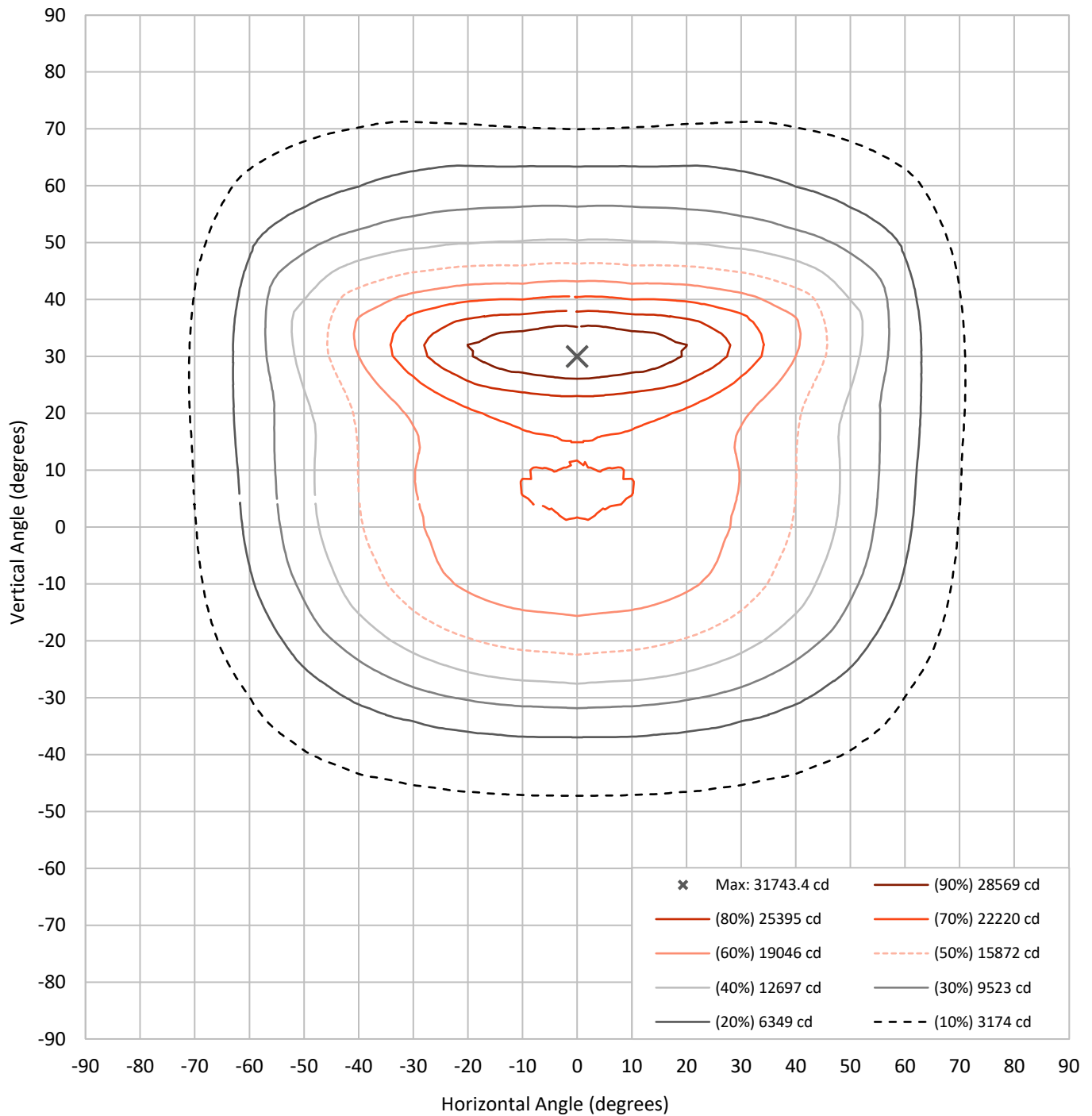
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	52987.6 lumens	Max Intensity:	31743.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	126.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	30812.9 lumens	Field Lumens:	49656.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3
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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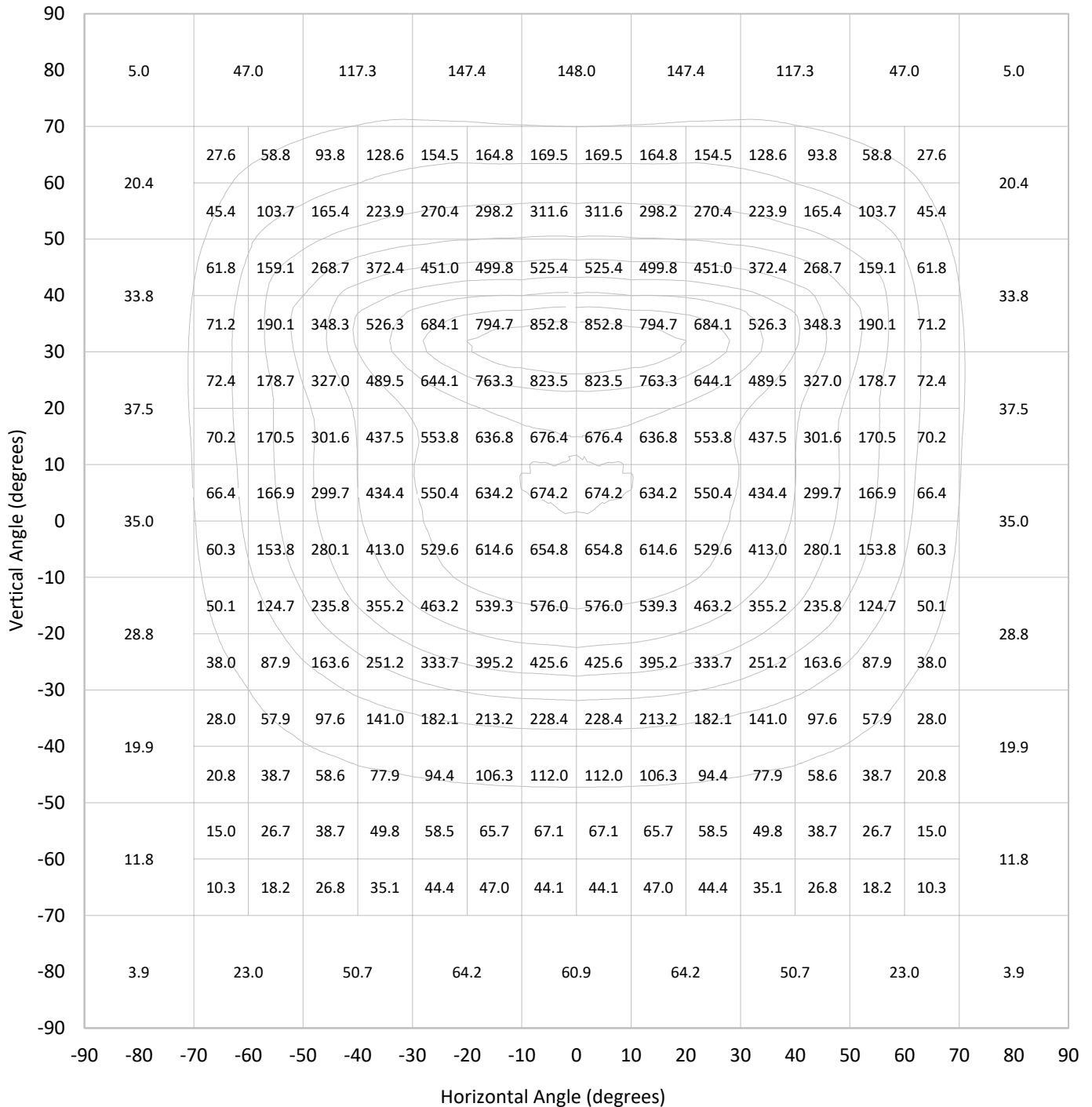
Iso-Candela Plot





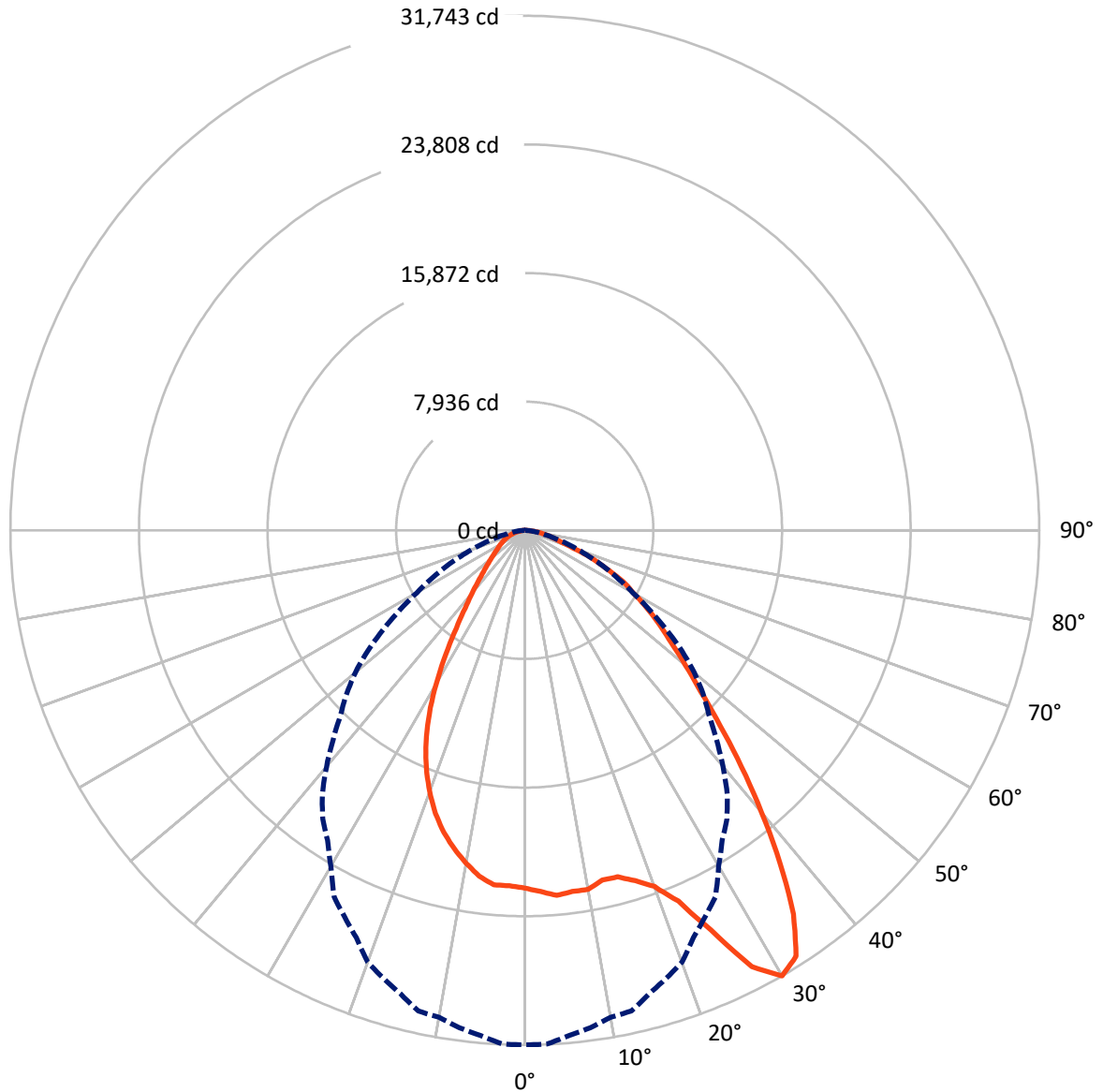
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Lumen Table



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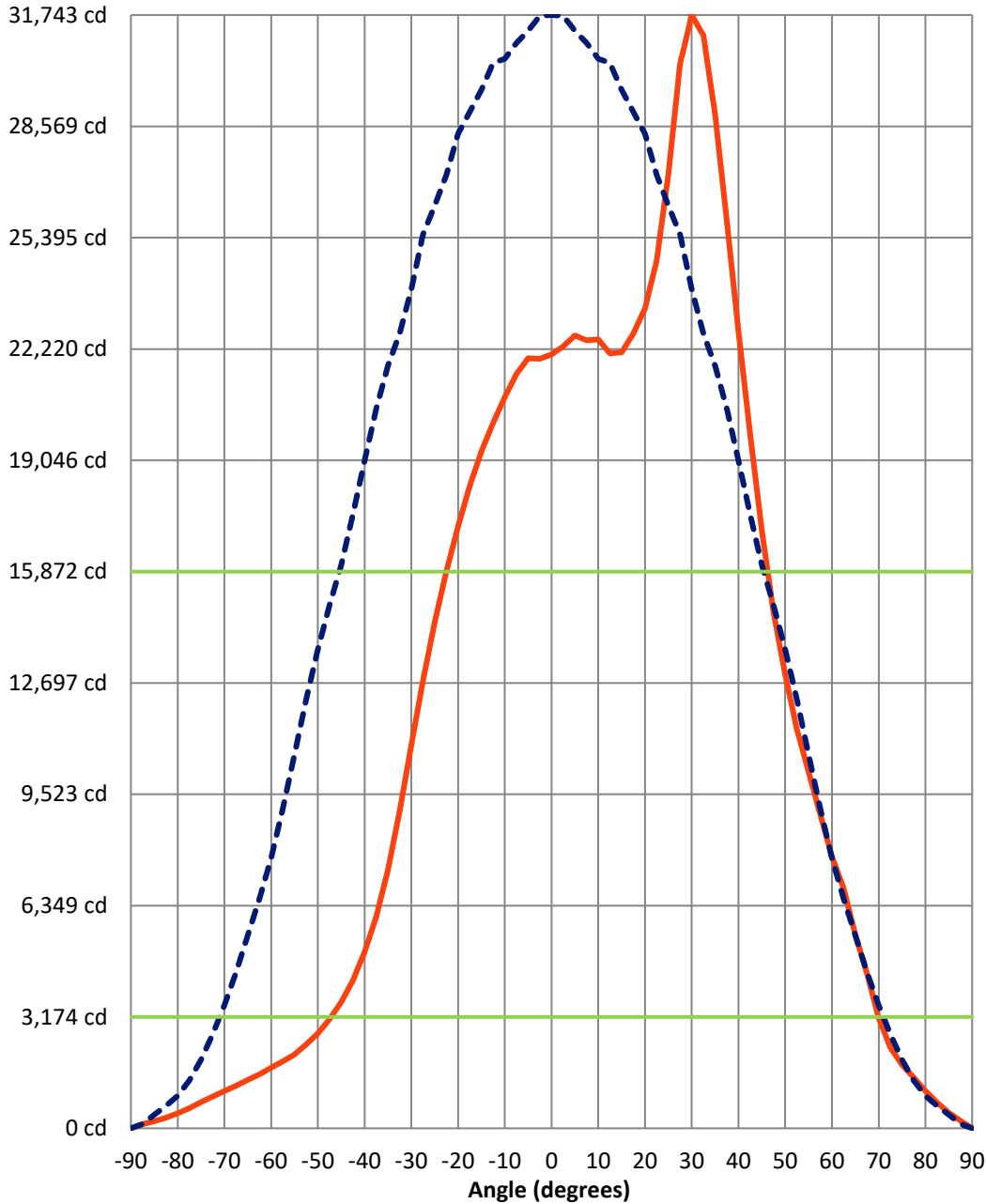
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 30812.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 49656.3
 Efficiency: 93.7%

Spill:
 Lumens: 3331.4
 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°	213.3	218.9	224.5	224.5	218.9	218.9	218.9	213.3	218.9	218.9	218.9
85°	443.5	454.7	465.9	460.3	454.7	443.5	432.2	437.8	443.5	449.1	449.1
82.5°	735.3	752.2	763.4	757.8	746.6	735.3	724.1	729.7	741.0	746.6	746.6
80°	1066.5	1072.1	1077.8	1089.0	1072.1	1072.1	1066.5	1089.0	1100.2	1111.4	1122.7
77.5°	1448.2	1453.9	1453.9	1459.5	1465.1	1470.7	1470.7	1510.0	1538.1	1554.9	1571.7
75°	1807.5	1824.3	1841.2	1858.0	1880.5	1891.7	1908.5	1964.7	2009.6	2043.3	2076.9
72.5°	2301.5	2323.9	2352.0	2391.3	2430.6	2458.6	2497.9	2565.3	2615.8	2649.5	2688.8
70°	3149.1	3171.5	3199.6	3227.7	3267.0	3295.0	3334.3	3418.5	3469.0	3491.5	3513.9
67.5°	4406.5	4462.6	4513.1	4457.0	4428.9	4389.6	4400.8	4479.4	4530.0	4563.6	4558.0
65°	5523.5	5562.8	5562.8	5557.2	5534.7	5484.2	5512.3	5607.7	5663.8	5691.9	5607.7
62.5°	6837.0	6837.0	6809.0	6853.9	6859.5	6825.8	6809.0	6814.6	6820.2	6837.0	6696.7
60°	7746.4	7802.5	7819.4	7858.7	7869.9	7869.9	7897.9	7920.4	7920.4	7886.7	7723.9
57.5°	8947.6	9054.3	9076.7	9048.7	8992.5	8919.6	8908.3	8874.7	8807.3	8739.9	8661.4
55°	10160.1	10216.3	10210.6	10193.8	10137.7	10053.5	10064.7	10019.8	9913.1	9828.9	9722.3
52.5°	11378.2	11512.9	11535.4	11501.7	11423.1	11333.3	11338.9	11288.4	11181.7	11091.9	10946.0
50°	12933.1	13045.4	13034.1	12978.0	12865.7	12798.4	12804.0	12708.6	12585.1	12557.0	12366.2
47.5°	14712.5	14841.6	14819.2	14740.6	14589.0	14561.0	14589.0	14465.5	14392.6	14330.8	14106.3
45°	17047.7	17199.2	17115.0	16963.5	16722.1	16750.2	16789.5	16767.0	16609.8	16447.0	16160.8
42.5°	19787.0	19882.4	19781.4	19629.8	19326.7	19382.8	19360.4	19225.6	19130.2	18860.8	18495.9
40°	22717.1	22924.8	22767.6	22531.9	22217.5	22301.7	22240.0	22066.0	21841.4	21504.6	21044.4
37.5°	25877.4	26040.2	25860.6	25585.5	25304.9	25276.8	25153.3	24883.9	24563.9	24193.4	23458.1
35°	28903.0	29324.0	28992.8	28555.0	28212.6	28083.5	27965.6	27342.5	26977.6	26377.0	25372.2
32.5°	31154.0	31462.7	31052.9	30598.2	30182.9	30003.2	29587.8	28846.9	28650.4	27387.4	26466.8
30°	31743.4	31720.9	31294.3	30946.3	30497.2	30373.7	29610.3	28981.6	28352.9	27185.3	26309.7
27.5°	30340.0	30199.7	29789.9	29486.8	29043.3	28897.4	28145.2	27808.4	26837.3	25849.4	25108.4
25°	27213.4	27286.4	26977.6	26826.1	26534.2	26219.8	25922.3	25467.7	24861.4	23997.0	23317.8
22.5°	24749.2	24844.6	24715.5	24535.8	24311.3	24137.3	23912.8	23559.1	22975.3	22442.1	21802.2
20°	23379.5	23351.4	23239.2	23104.4	22891.1	22767.6	22520.7	22223.2	21774.1	21313.8	20623.4
17.5°	22661.0	22487.0	22380.3	22329.8	22217.5	22060.4	21768.5	21465.4	21117.3	20595.3	20090.1
15°	22127.7	22155.8	22071.6	22032.3	21942.5	21723.6	21426.1	21179.1	20707.6	20443.7	19983.4
12.5°	22094.0	22066.0	22071.6	22054.8	21942.5	21661.8	21510.3	21195.9	20892.8	20544.8	20017.1
10°	22492.6	22195.1	22217.5	22296.1	22116.5	21892.0	21729.2	21386.8	21100.5	20657.0	20135.0
7.5°	22470.1	22318.6	22363.5	22234.4	22290.5	22015.5	21790.9	21448.5	21089.3	20617.7	20146.2
5°	22604.9	22374.7	22335.4	22346.6	22206.3	21998.6	21695.5	21369.9	21033.1	20505.5	20022.7
2.5°	22296.1	22329.8	22150.2	22082.8	22066.0	21718.0	21437.3	21122.9	20774.9	20309.0	19876.8
0°	22066.0	22127.7	21942.5	21847.1	21841.4	21543.9	21364.3	21005.1	20758.1	20370.8	19848.7
-2.5°	21942.5	22015.5	22037.9	21863.9	21695.5	21465.4	21162.2	20774.9	20370.8	19921.7	19472.6
-5°	21953.7	21807.8	21746.0	21802.2	21656.2	21426.1	21089.3	20746.9	20348.3	19865.6	19304.2
-7.5°	21510.3	21364.3	21353.1	21325.0	21291.3	21072.4	20791.8	20421.3	20017.1	19568.1	19046.0
-10°	20847.9	20741.2	20713.2	20685.1	20595.3	20466.2	20202.4	19865.6	19500.7	19051.6	18495.9
-12.5°	20112.5	20062.0	19955.4	19882.4	19792.6	19641.0	19388.4	19079.7	18714.8	18316.3	17839.1
-15°	19298.6	19203.2	19096.5	19034.8	18905.7	18726.1	18473.5	18187.2	17788.6	17395.7	16946.6
-17.5°	18316.3	18198.4	18080.5	18063.7	17973.9	17698.8	17463.1	17115.0	16767.0	16390.9	15953.1
-20°	17159.9	16997.1	16918.6	16873.7	16750.2	16548.1	16295.5	15975.5	15638.7	15279.5	14774.3



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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°	15880.1	15739.8	15605.0	15520.8	15414.2	15257.0	15015.6	14735.0	14403.8	13999.6	13533.7
-25°	14426.2	14229.8	14145.6	14050.2	13994.0	13848.1	13612.3	13354.1	13011.7	12618.8	12175.3
-27.5°	12764.7	12607.5	12562.6	12427.9	12360.5	12209.0	12012.5	11771.1	11456.8	11086.3	10721.5
-30°	10929.1	10833.7	10760.7	10626.0	10575.5	10412.7	10283.6	10081.5	9795.3	9531.4	9239.5
-32.5°	9043.1	8947.6	8925.2	8863.4	8829.8	8723.1	8577.2	8431.2	8201.1	8004.6	7768.8
-35°	7370.3	7302.9	7308.5	7302.9	7269.3	7190.7	7011.0	6971.8	6803.4	6623.7	6472.2
-37.5°	6034.3	6039.9	6034.3	6028.7	5983.8	5950.1	5821.0	5770.5	5669.5	5495.4	5405.6
-40°	5029.5	5040.8	5035.2	5023.9	4973.4	4956.6	4872.4	4805.0	4765.7	4642.2	4546.8
-42.5°	4215.6	4232.4	4226.8	4221.2	4187.5	4181.9	4137.0	4058.4	4036.0	3963.0	3862.0
-45°	3598.1	3592.5	3581.3	3592.5	3575.7	3558.8	3530.8	3480.3	3452.2	3418.5	3334.3
-47.5°	3109.8	3115.4	3104.2	3104.2	3081.7	3064.9	3053.6	3020.0	2997.5	2969.4	2918.9
-50°	2705.6	2728.1	2722.5	2716.8	2700.0	2688.8	2688.8	2655.1	2621.4	2610.2	2576.5
-52.5°	2391.3	2408.1	2413.7	2425.0	2430.6	2436.2	2419.3	2385.7	2329.5	2323.9	2307.1
-55°	2105.0	2155.5	2189.2	2211.7	2234.1	2250.9	2217.3	2172.4	2116.2	2093.8	2088.2
-57.5°	1908.5	1959.1	1998.3	2032.0	2060.1	2088.2	2054.5	2009.6	1959.1	1931.0	1925.4
-60°	1728.9	1773.8	1813.1	1858.0	1897.3	1942.2	1925.4	1891.7	1863.6	1841.2	1818.7
-62.5°	1538.1	1583.0	1627.9	1684.0	1734.5	1779.4	1785.0	1779.4	1773.8	1779.4	1740.1
-65°	1380.9	1403.3	1431.4	1493.1	1549.3	1599.8	1627.9	1644.7	1672.8	1700.8	1661.5
-67.5°	1212.5	1240.5	1274.2	1319.1	1364.0	1397.7	1437.0	1481.9	1526.8	1571.7	1543.7
-70°	1060.9	1083.4	1111.4	1133.9	1162.0	1184.4	1218.1	1268.6	1319.1	1364.0	1352.8
-72.5°	903.7	926.2	943.0	954.3	971.1	982.3	999.2	1044.1	1077.8	1100.2	1100.2
-75°	746.6	769.0	785.9	791.5	802.7	808.3	819.5	836.4	853.2	858.8	864.5
-77.5°	572.6	595.0	611.9	623.1	634.3	645.5	651.1	662.4	668.0	668.0	673.6
-80°	426.6	443.5	454.7	471.5	477.1	488.4	499.6	505.2	510.8	510.8	516.4
-82.5°	303.1	314.3	325.6	336.8	348.0	353.6	364.9	370.5	376.1	381.7	387.3
-85°	202.1	213.3	224.5	235.8	241.4	247.0	252.6	258.2	263.8	269.4	275.1
-87.5°	117.9	123.5	129.1	140.3	145.9	157.2	162.8	157.2	162.8	162.8	162.8
-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°	218.9	218.9	218.9	218.9	213.3	202.1	196.5	185.2	174.0	162.8	151.6
85°	454.7	460.3	460.3	460.3	449.1	443.5	426.6	409.8	387.3	353.6	325.6
82.5°	757.8	763.4	763.4	757.8	746.6	729.7	707.3	679.2	634.3	589.4	550.1
80°	1139.5	1145.1	1145.1	1139.5	1111.4	1083.4	1055.3	1021.6	965.5	903.7	836.4
77.5°	1594.2	1605.4	1605.4	1588.6	1549.3	1515.6	1470.7	1414.6	1330.4	1240.5	1150.7
75°	2121.8	2149.9	2155.5	2138.7	2088.2	2026.4	1953.4	1858.0	1728.9	1616.6	1510.0
72.5°	2733.7	2761.8	2784.2	2761.8	2688.8	2604.6	2497.9	2385.7	2256.6	2105.0	1925.4
70°	3536.4	3564.5	3581.3	3508.3	3379.2	3238.9	3109.8	2980.7	2829.1	2643.9	2447.4
67.5°	4546.8	4518.7	4485.0	4339.1	4176.3	4007.9	3828.3	3637.4	3441.0	3244.5	3014.4
65°	5517.9	5439.3	5366.3	5192.3	4984.6	4765.7	4558.0	4344.7	4109.0	3862.0	3643.0
62.5°	6539.5	6371.1	6191.5	5978.2	5764.9	5523.5	5315.8	5063.2	4799.4	4496.3	4215.6
60°	7544.3	7342.2	7162.6	6898.8	6618.1	6292.5	6068.0	5821.0	5512.3	5186.7	4855.5
57.5°	8515.4	8296.5	8100.0	7869.9	7566.8	7213.1	6966.1	6646.2	6320.6	5910.8	5574.0
55°	9548.3	9329.3	9172.2	8914.0	8582.8	8257.2	7987.8	7651.0	7196.3	6758.4	6343.1
52.5°	10732.7	10558.7	10390.3	10126.4	9727.9	9396.7	9099.2	8723.1	8246.0	7707.1	7207.5
50°	12057.4	11967.6	11788.0	11479.3	11024.6	10732.7	10339.7	9840.2	9329.3	8762.4	8139.3
47.5°	13814.4	13668.4	13415.8	13079.0	12697.3	12259.5	11731.9	11148.1	10423.9	9795.3	9132.9
45°	15913.8	15644.3	15318.8	14864.1	14392.6	13898.6	13320.4	12579.5	11608.4	10788.8	10092.8
42.5°	18187.2	17822.3	17378.9	16783.8	16172.0	15565.8	14942.7	13932.3	12719.8	11776.8	10990.9
40°	20561.6	20095.7	19540.0	18675.5	17996.3	17216.1	16503.2	14993.2	13702.1	12680.5	11844.1
37.5°	22885.5	22296.1	21364.3	20314.6	19523.1	18883.2	17317.1	15700.5	14544.1	13421.5	12573.8
35°	24665.0	24165.4	22520.7	21431.7	20752.5	19742.1	17783.0	16127.1	14903.4	13971.6	12652.4
32.5°	25720.3	24429.2	22986.6	21886.4	21325.0	19669.1	17816.7	16250.6	15071.8	14027.7	12450.4
30°	25484.5	23924.0	22661.0	21740.4	20522.3	19034.8	17502.3	16059.7	14914.6	13651.6	12225.8
27.5°	24064.3	22857.5	21729.2	20769.3	19573.7	18237.7	16823.1	15554.5	14488.0	13264.3	11917.1
25°	22458.9	21364.3	20527.9	19691.5	18557.7	17283.4	16037.3	15122.3	14050.2	12843.3	11512.9
22.5°	20982.6	20196.7	19540.0	18664.3	17558.5	16447.0	15672.4	14723.8	13623.5	12399.8	11097.5
20°	20039.6	19506.3	18754.1	17788.6	16918.6	16222.5	15363.7	14358.9	13225.0	11945.2	10743.9
17.5°	19584.9	18967.4	18131.0	17502.3	16834.4	16071.0	15111.1	14044.5	12837.7	11737.5	10783.2
15°	19349.1	18698.0	18147.9	17530.4	16778.2	15975.5	14909.0	13803.2	12837.7	11821.7	10811.3
12.5°	19399.7	18838.3	18237.7	17564.1	16755.8	15896.9	14931.4	13904.2	12905.0	11883.4	10816.9
10°	19556.8	18967.4	18327.5	17580.9	16767.0	15919.4	14993.2	13966.0	12938.7	11911.5	10805.7
7.5°	19613.0	18973.0	18288.2	17536.0	16738.9	15908.2	15004.4	13982.8	12944.3	11905.9	10772.0
5°	19438.9	18860.8	18198.4	17440.6	16660.3	15852.0	14959.5	13960.3	12899.4	11849.7	10687.8
2.5°	19203.2	18737.3	18103.0	17373.2	16581.8	15773.4	14886.5	13859.3	12798.4	11748.7	10581.1
0°	19163.9	18585.7	17945.8	17294.7	16452.7	15599.4	14718.1	13668.4	12613.1	11557.8	10395.9
-2.5°	18905.7	18293.8	17653.9	16946.6	16205.7	15346.8	14420.6	13393.4	12349.3	11310.9	10193.8
-5°	18709.2	18030.0	17350.8	16587.4	15840.8	14982.0	14022.1	13022.9	12001.3	10990.9	9913.1
-7.5°	18445.4	17749.3	17036.4	16239.4	15431.0	14555.4	13606.7	12607.5	11602.7	10598.0	9565.1
-10°	17912.1	17300.3	16632.3	15807.1	14953.9	14078.2	13135.2	12152.8	11148.1	10132.1	9093.6
-12.5°	17266.6	16621.1	15891.3	15133.5	14370.1	13556.2	12613.1	11647.7	10637.3	9615.6	8582.8
-15°	16430.2	15795.9	15049.3	14308.4	13573.0	12792.8	11962.0	11091.9	10064.7	9059.9	8027.1
-17.5°	15386.1	14791.1	14123.1	13415.8	12686.1	11900.2	11091.9	10356.6	9396.7	8453.7	7432.0
-20°	14263.5	13707.7	13107.1	12439.1	11709.4	10940.4	10177.0	9407.9	8577.2	7746.4	6797.7



REPORT NUMBER: P722160
 CATALOG NUMBER: IFLD-L-SA8C-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°	13095.9	12534.6	11928.3	11305.2	10631.6	9918.7	9211.5	8476.1	7746.4	6994.2	6191.5
-25°	11748.7	11254.7	10699.0	10092.8	9492.1	8869.1	8195.5	7527.5	6904.4	6253.2	5596.5
-27.5°	10339.7	9885.1	9379.9	8852.2	8335.8	7813.7	7230.0	6612.5	6096.1	5557.2	5012.7
-30°	8857.8	8493.0	8083.2	7622.9	7224.3	6803.4	6315.0	5804.2	5332.7	4922.9	4485.0
-32.5°	7454.5	7145.8	6853.9	6550.8	6157.8	5832.2	5495.4	5119.4	4704.0	4316.6	4002.3
-35°	6247.6	5916.4	5793.0	5568.4	5287.8	5001.5	4754.5	4485.0	4170.7	3828.3	3570.1
-37.5°	5231.6	5035.2	4861.1	4737.6	4552.4	4322.3	4125.8	3929.3	3688.0	3429.7	3171.5
-40°	4440.1	4305.4	4114.6	4052.8	3934.9	3777.8	3575.7	3424.1	3261.3	3064.9	2846.0
-42.5°	3805.8	3704.8	3581.3	3474.6	3424.1	3311.9	3154.7	3008.7	2879.6	2744.9	2576.5
-45°	3283.8	3216.4	3137.8	3042.4	3003.1	2913.3	2801.0	2638.3	2565.3	2453.0	2329.5
-47.5°	2862.8	2829.1	2773.0	2711.2	2655.1	2587.7	2486.7	2385.7	2284.6	2211.7	2116.2
-50°	2531.6	2509.2	2475.5	2425.0	2352.0	2307.1	2239.7	2149.9	2054.5	1992.7	1925.4
-52.5°	2267.8	2245.3	2222.9	2183.6	2127.5	2082.5	2026.4	1953.4	1874.9	1813.1	1757.0
-55°	2065.7	2032.0	2015.2	1981.5	1936.6	1886.1	1835.6	1785.0	1717.7	1661.5	1605.4
-57.5°	1908.5	1863.6	1841.2	1813.1	1768.2	1717.7	1678.4	1627.9	1583.0	1521.2	1470.7
-60°	1785.0	1734.5	1689.6	1661.5	1622.3	1571.7	1532.4	1493.1	1448.2	1397.7	1336.0
-62.5°	1684.0	1622.3	1560.5	1526.8	1487.5	1442.6	1403.3	1364.0	1319.1	1268.6	1212.5
-65°	1588.6	1515.6	1437.0	1403.3	1364.0	1319.1	1268.6	1240.5	1201.3	1156.3	1100.2
-67.5°	1470.7	1392.1	1324.7	1285.5	1246.2	1206.9	1162.0	1133.9	1094.6	1038.5	982.3
-70°	1296.7	1246.2	1201.3	1167.6	1133.9	1100.2	1055.3	1010.4	965.5	915.0	864.5
-72.5°	1077.8	1060.9	1055.3	1038.5	999.2	959.9	915.0	870.1	830.8	791.5	752.2
-75°	870.1	881.3	892.5	886.9	847.6	808.3	769.0	729.7	701.7	668.0	634.3
-77.5°	690.4	701.7	712.9	712.9	684.8	662.4	634.3	606.2	583.8	555.7	522.0
-80°	533.3	550.1	566.9	578.2	555.7	538.9	516.4	494.0	471.5	449.1	426.6
-82.5°	404.2	421.0	437.8	449.1	432.2	421.0	404.2	387.3	370.5	348.0	331.2
-85°	291.9	303.1	314.3	320.0	308.7	297.5	286.3	275.1	263.8	247.0	235.8
-87.5°	168.4	174.0	179.6	185.2	174.0	162.8	157.2	145.9	140.3	129.1	123.5
-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: P722160
 CATALOG NUMBER: IFLD-L-SA8C-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°	140.3	129.1	117.9	112.3	101.0	84.2	73.0	61.7	50.5	39.3	33.7
85°	297.5	269.4	235.8	218.9	196.5	174.0	151.6	129.1	106.7	84.2	61.7
82.5°	510.8	477.1	443.5	404.2	353.6	291.9	230.1	190.9	157.2	123.5	95.4
80°	769.0	707.3	651.1	600.6	544.5	465.9	381.7	303.1	213.3	162.8	123.5
77.5°	1066.5	993.6	915.0	830.8	741.0	634.3	538.9	437.8	331.2	224.5	157.2
75°	1403.3	1307.9	1201.3	1083.4	965.5	825.2	690.4	572.6	449.1	314.3	190.9
72.5°	1779.4	1661.5	1532.4	1375.3	1190.0	1027.2	864.5	707.3	561.3	398.5	258.2
70°	2262.2	2076.9	1886.1	1717.7	1481.9	1223.7	1032.9	853.2	668.0	488.4	325.6
67.5°	2778.6	2554.1	2323.9	2076.9	1779.4	1476.3	1201.3	999.2	780.3	572.6	387.3
65°	3339.9	3059.3	2767.4	2492.3	2082.5	1723.3	1414.6	1139.5	886.9	651.1	449.1
62.5°	3918.1	3586.9	3250.1	2890.9	2419.3	1975.9	1616.6	1296.7	987.9	724.1	505.2
60°	4535.6	4148.2	3738.5	3289.4	2739.3	2250.9	1807.5	1459.5	1094.6	797.1	566.9
57.5°	5186.7	4765.7	4283.0	3676.7	3070.5	2514.8	2026.4	1605.4	1190.0	864.5	611.9
55°	5894.0	5411.2	4883.6	4080.9	3396.1	2778.6	2245.3	1751.4	1291.1	920.6	656.8
52.5°	6657.4	6096.1	5428.1	4507.5	3738.5	3048.0	2447.4	1880.5	1386.5	982.3	696.1
50°	7510.6	6803.4	5905.2	4900.4	4036.0	3300.6	2649.5	2020.8	1465.1	1049.7	729.7
47.5°	8397.5	7634.1	6331.8	5265.3	4339.1	3547.6	2857.2	2144.3	1543.7	1105.8	763.4
45°	9323.7	8212.3	6775.3	5590.9	4602.9	3772.2	3014.4	2256.6	1639.1	1156.3	791.5
42.5°	10238.7	8650.1	7162.6	5916.4	4849.9	3974.2	3143.5	2363.2	1717.7	1206.9	819.5
40°	10670.9	8981.3	7471.3	6141.0	5057.6	4153.9	3255.7	2458.6	1785.0	1240.5	847.6
37.5°	10850.6	9183.4	7673.4	6354.3	5220.4	4249.3	3351.2	2542.8	1841.2	1274.2	870.1
35°	10889.9	9256.4	7774.5	6500.2	5355.1	4339.1	3424.1	2604.6	1886.1	1307.9	892.5
32.5°	10816.9	9233.9	7802.5	6550.8	5439.3	4406.5	3474.6	2649.5	1919.8	1341.6	915.0
30°	10654.1	9116.0	7701.5	6545.1	5501.1	4445.8	3508.3	2683.2	1953.4	1364.0	926.2
27.5°	10390.3	8908.3	7572.4	6550.8	5534.7	4462.6	3525.2	2700.0	1975.9	1380.9	948.7
25°	10064.7	8627.7	7578.0	6539.5	5540.4	4468.2	3525.2	2700.0	1981.5	1386.5	965.5
22.5°	9688.6	8627.7	7578.0	6522.7	5506.7	4457.0	3508.3	2688.8	1981.5	1397.7	982.3
20°	9711.1	8633.3	7561.1	6489.0	5456.2	4423.3	3469.0	2660.7	1964.7	1414.6	993.6
17.5°	9727.9	8622.1	7527.5	6444.1	5388.8	4367.2	3418.5	2621.4	1964.7	1431.4	999.2
15°	9727.9	8588.4	7476.9	6376.7	5304.6	4288.6	3345.5	2587.7	1970.3	1437.0	1010.4
12.5°	9711.1	8526.6	7398.4	6286.9	5203.6	4193.2	3300.6	2576.5	1970.3	1442.6	1010.4
10°	9677.4	8442.4	7297.3	6174.7	5108.1	4159.5	3278.2	2554.1	1959.1	1442.6	1010.4
7.5°	9615.6	8341.4	7213.1	6107.3	5052.0	4120.2	3244.5	2520.4	1942.2	1431.4	1021.6
5°	9520.2	8285.3	7145.8	6028.7	4973.4	4092.1	3222.0	2492.3	1931.0	1431.4	1010.4
2.5°	9396.7	8217.9	7067.2	5927.7	4883.6	3996.7	3149.1	2430.6	1891.7	1408.9	999.2
0°	9194.6	8083.2	6932.5	5787.3	4760.1	3901.3	3076.1	2368.8	1852.4	1386.5	987.9
-2.5°	9009.4	7903.6	6758.4	5641.4	4642.2	3817.1	3020.0	2335.1	1835.6	1380.9	982.3
-5°	8751.2	7656.6	6528.3	5450.5	4485.0	3732.9	2963.8	2295.9	1818.7	1369.7	982.3
-7.5°	8464.9	7398.4	6286.9	5254.1	4327.9	3586.9	2857.2	2234.1	1779.4	1347.2	976.7
-10°	8021.4	7011.0	5983.8	5029.5	4159.5	3457.8	2767.4	2178.0	1745.7	1324.7	954.3
-12.5°	7549.9	6584.4	5635.8	4754.5	3968.6	3323.1	2666.3	2116.2	1706.5	1302.3	943.0
-15°	7050.3	6146.6	5270.9	4468.2	3760.9	3160.3	2559.7	2048.9	1667.2	1274.2	926.2
-17.5°	6528.3	5686.3	4894.8	4176.3	3553.2	2991.9	2447.4	1987.1	1622.3	1246.2	909.4
-20°	5978.2	5214.8	4513.1	3878.8	3334.3	2823.5	2329.5	1914.1	1571.7	1212.5	886.9



REPORT NUMBER: P722160
 CATALOG NUMBER: IFLD-L-SA8C-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5433.7	4748.9	4120.2	3586.9	3109.8	2649.5	2211.7	1841.2	1515.6	1173.2	870.1
-25°	4951.0	4311.0	3772.2	3306.2	2890.9	2481.1	2088.2	1768.2	1453.9	1133.9	847.6
-27.5°	4479.4	3934.9	3429.7	3042.4	2677.6	2318.3	1970.3	1689.6	1392.1	1089.0	825.2
-30°	4041.6	3575.7	3160.3	2784.2	2475.5	2172.4	1869.2	1611.0	1324.7	1044.1	797.1
-32.5°	3643.0	3267.0	2918.9	2559.7	2284.6	2026.4	1773.8	1532.4	1257.4	999.2	769.0
-35°	3272.6	2980.7	2677.6	2374.4	2093.8	1891.7	1672.8	1448.2	1195.6	948.7	741.0
-37.5°	2941.4	2705.6	2464.2	2206.0	1964.7	1762.6	1577.3	1364.0	1133.9	903.7	712.9
-40°	2655.1	2464.2	2250.9	2043.3	1841.2	1650.3	1481.9	1279.8	1072.1	870.1	684.8
-42.5°	2391.3	2245.3	2071.3	1897.3	1717.7	1549.3	1386.5	1190.0	1010.4	830.8	656.8
-45°	2189.2	2043.3	1902.9	1745.7	1594.2	1448.2	1285.5	1111.4	954.3	785.9	628.7
-47.5°	1998.3	1869.2	1740.1	1611.0	1487.5	1352.8	1190.0	1044.1	892.5	746.6	606.2
-50°	1829.9	1706.5	1594.2	1481.9	1375.3	1246.2	1094.6	976.7	842.0	707.3	578.2
-52.5°	1672.8	1566.1	1453.9	1364.0	1274.2	1145.1	1021.6	909.4	791.5	662.4	550.1
-55°	1532.4	1431.4	1330.4	1246.2	1162.0	1049.7	948.7	853.2	741.0	628.7	522.0
-57.5°	1397.7	1313.5	1218.1	1139.5	1055.3	965.5	881.3	791.5	690.4	595.0	494.0
-60°	1274.2	1195.6	1111.4	1032.9	959.9	886.9	808.3	735.3	645.5	555.7	465.9
-62.5°	1150.7	1083.4	1010.4	931.8	875.7	808.3	746.6	673.6	600.6	522.0	415.4
-65°	1038.5	976.7	909.4	842.0	791.5	741.0	684.8	617.5	555.7	482.7	370.5
-67.5°	926.2	870.1	813.9	757.8	712.9	673.6	617.5	566.9	516.4	437.8	325.6
-70°	819.5	774.6	724.1	679.2	645.5	600.6	561.3	516.4	471.5	381.7	275.1
-72.5°	718.5	673.6	634.3	600.6	572.6	533.3	499.6	465.9	404.2	320.0	230.1
-75°	600.6	572.6	550.1	522.0	494.0	465.9	437.8	398.5	336.8	258.2	179.6
-77.5°	494.0	477.1	460.3	437.8	415.4	392.9	359.3	320.0	269.4	202.1	145.9
-80°	404.2	387.3	376.1	353.6	336.8	314.3	280.7	247.0	196.5	157.2	117.9
-82.5°	308.7	297.5	286.3	275.1	258.2	235.8	202.1	174.0	145.9	117.9	89.8
-85°	218.9	213.3	202.1	190.9	174.0	157.2	134.7	117.9	101.0	78.6	61.7
-87.5°	112.3	106.7	101.0	95.4	89.8	78.6	67.4	56.1	50.5	39.3	28.1
-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: P722160
 CATALOG NUMBER: IFLD-L-SA8C-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	22.5	16.8	5.6	0.0
85°	44.9	28.1	11.2	0.0
82.5°	67.4	44.9	16.8	0.0
80°	89.8	56.1	28.1	0.0
77.5°	112.3	67.4	33.7	0.0
75°	134.7	84.2	39.3	0.0
72.5°	151.6	95.4	44.9	0.0
70°	179.6	112.3	50.5	0.0
67.5°	224.5	123.5	56.1	0.0
65°	263.8	134.7	61.7	0.0
62.5°	308.7	145.9	67.4	0.0
60°	348.0	157.2	73.0	0.0
57.5°	387.3	185.2	78.6	0.0
55°	421.0	207.7	84.2	0.0
52.5°	460.3	230.1	89.8	0.0
50°	494.0	252.6	95.4	0.0
47.5°	522.0	275.1	95.4	0.0
45°	544.5	291.9	101.0	0.0
42.5°	561.3	308.7	106.7	0.0
40°	578.2	325.6	112.3	0.0
37.5°	595.0	342.4	112.3	0.0
35°	611.9	359.3	117.9	0.0
32.5°	628.7	376.1	117.9	0.0
30°	639.9	387.3	123.5	0.0
27.5°	656.8	398.5	123.5	0.0
25°	662.4	409.8	129.1	0.0
22.5°	673.6	415.4	129.1	0.0
20°	684.8	426.6	129.1	0.0
17.5°	690.4	432.2	134.7	0.0
15°	690.4	437.8	140.3	0.0
12.5°	696.1	443.5	140.3	0.0
10°	696.1	454.7	134.7	0.0
7.5°	707.3	449.1	134.7	0.0
5°	701.7	449.1	134.7	0.0
2.5°	696.1	443.5	134.7	0.0
0°	690.4	443.5	134.7	0.0
-2.5°	690.4	443.5	134.7	0.0
-5°	690.4	443.5	134.7	0.0
-7.5°	684.8	449.1	134.7	0.0
-10°	673.6	449.1	134.7	0.0
-12.5°	668.0	432.2	134.7	0.0
-15°	662.4	426.6	134.7	0.0
-17.5°	651.1	421.0	129.1	0.0
-20°	639.9	415.4	129.1	0.0



REPORT NUMBER: P722160
CATALOG NUMBER: IFLD-L-SA8C-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	628.7	404.2	129.1	0.0
-25°	617.5	392.9	123.5	0.0
-27.5°	606.2	381.7	123.5	0.0
-30°	589.4	370.5	117.9	0.0
-32.5°	572.6	359.3	117.9	0.0
-35°	561.3	342.4	112.3	0.0
-37.5°	544.5	325.6	112.3	0.0
-40°	527.7	308.7	106.7	0.0
-42.5°	510.8	291.9	101.0	0.0
-45°	488.4	275.1	101.0	0.0
-47.5°	471.5	258.2	95.4	0.0
-50°	443.5	235.8	89.8	0.0
-52.5°	409.8	213.3	84.2	0.0
-55°	376.1	196.5	78.6	0.0
-57.5°	342.4	174.0	78.6	0.0
-60°	308.7	151.6	73.0	0.0
-62.5°	275.1	140.3	67.4	0.0
-65°	241.4	129.1	61.7	0.0
-67.5°	202.1	112.3	56.1	0.0
-70°	168.4	101.0	50.5	0.0
-72.5°	145.9	89.8	44.9	0.0
-75°	123.5	78.6	39.3	0.0
-77.5°	106.7	67.4	33.7	0.0
-80°	84.2	50.5	22.5	0.0
-82.5°	61.7	39.3	16.8	0.0
-85°	39.3	28.1	11.2	0.0
-87.5°	22.5	11.2	5.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)