

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: P722097

Luminaire Tested: **IFLD-L-SA7C-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722097
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

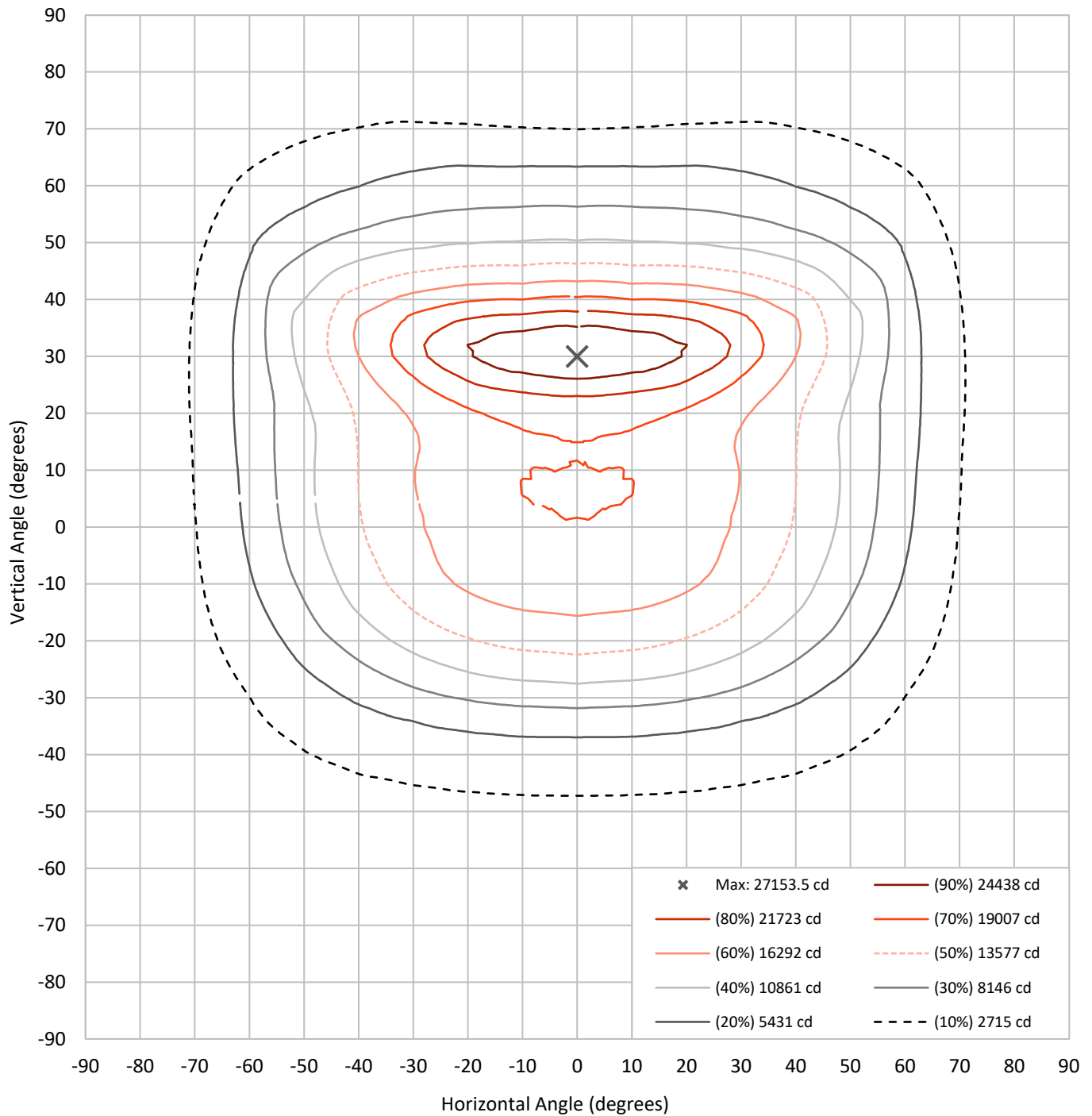
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	45326.1 lumens	Max Intensity:	27153.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	122.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	26357.6 lumens	Field Lumens:	42476.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369
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



REPORT NUMBER: P722097
CATALOG NUMBER: IFLD-L-SA7C-740-U-76

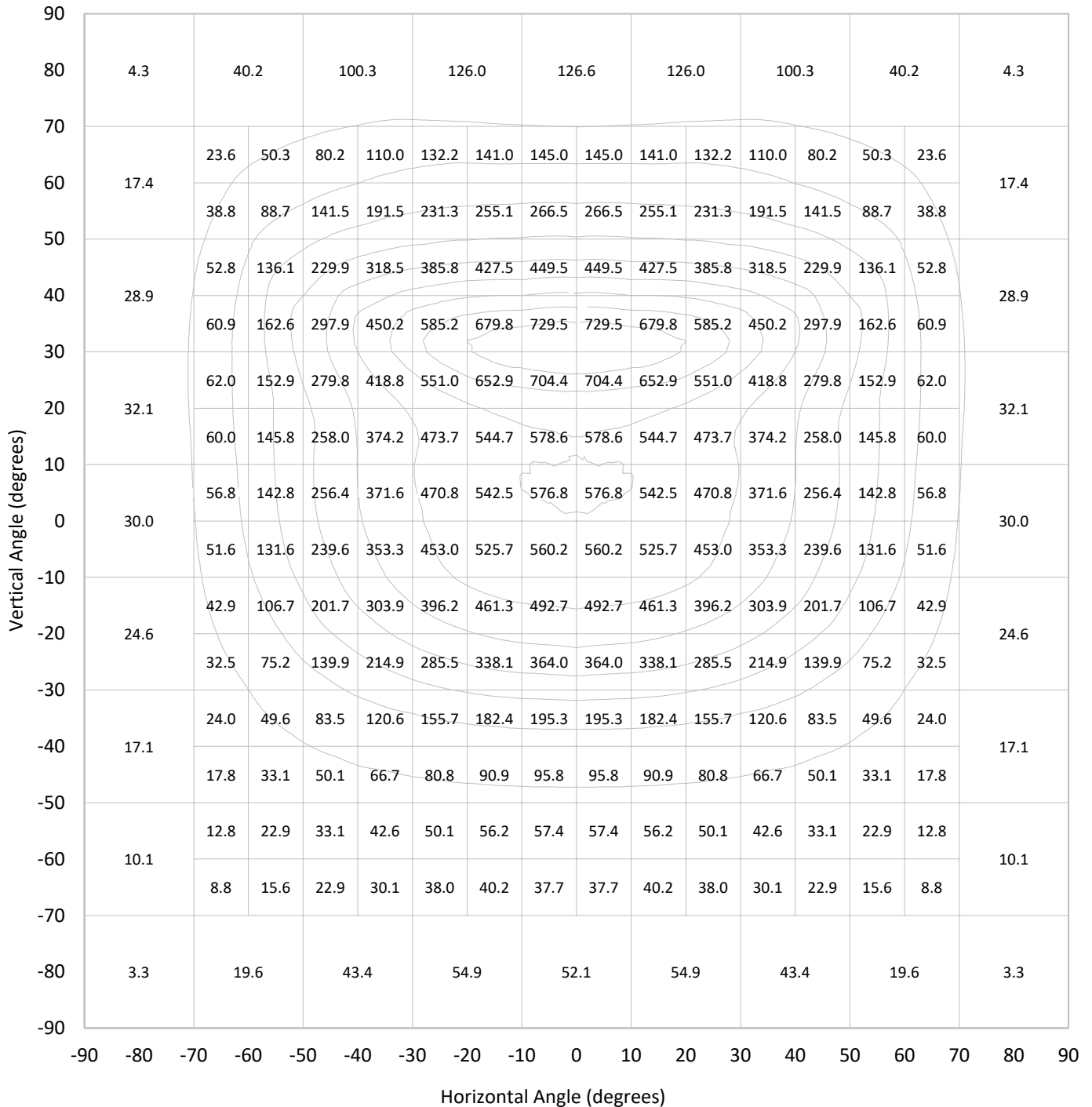
Iso-Candela Plot





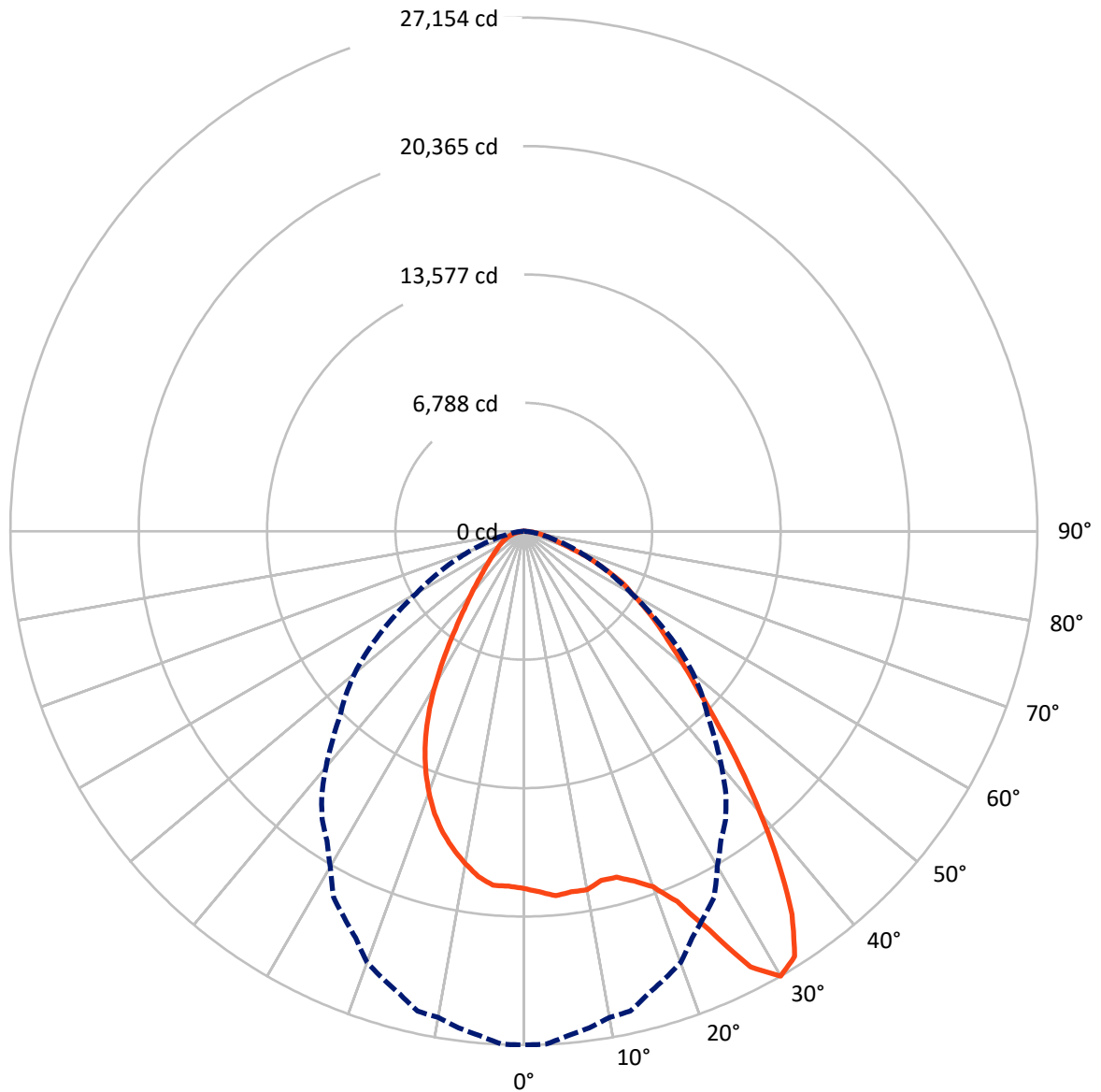
REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

Lumen Table



REPORT NUMBER: P722097
CATALOG NUMBER: IFLD-L-SA7C-740-U-76

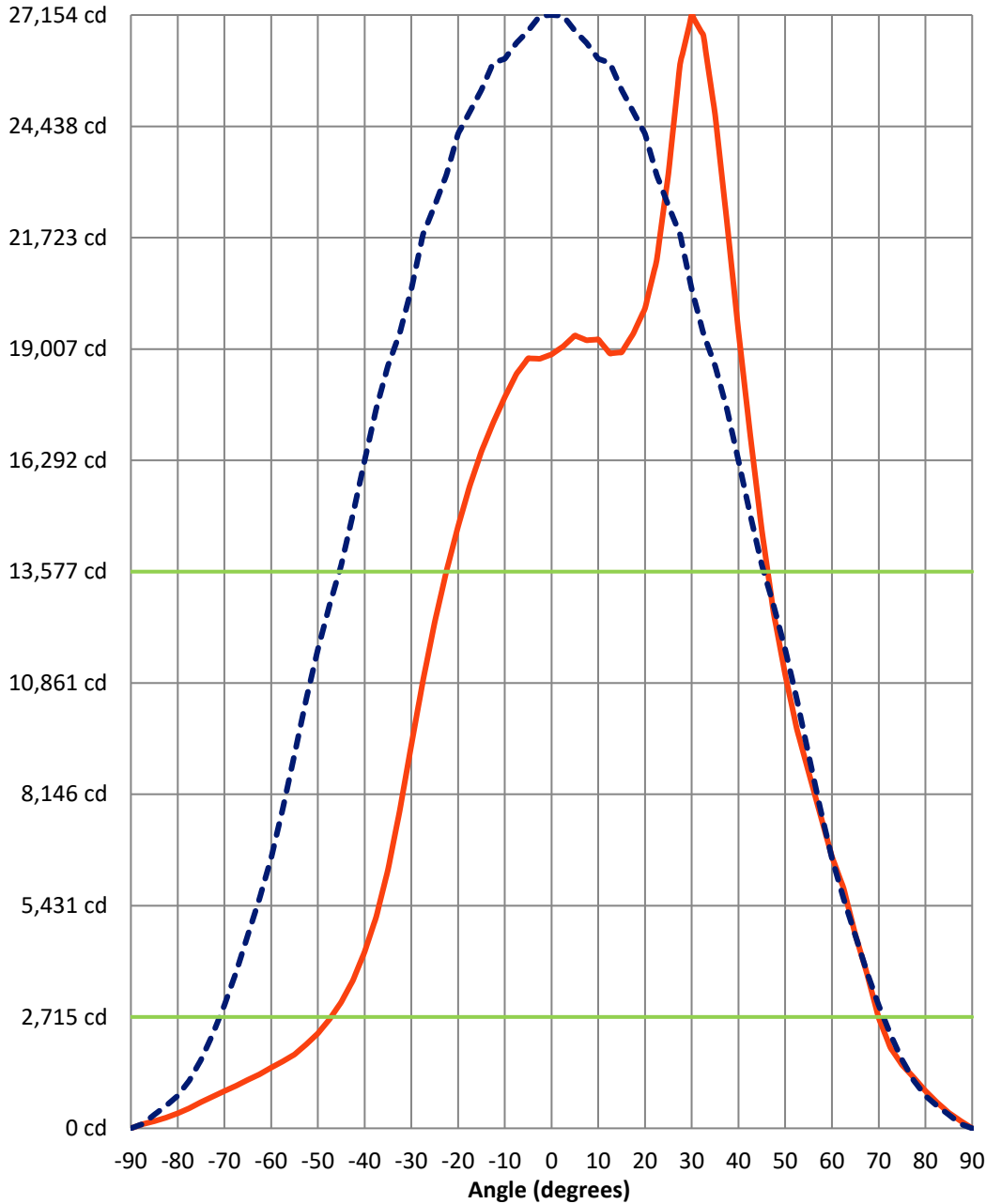
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 26357.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 42476.4
 Efficiency: 93.7%

Spill:
 Lumens: 2849.7
 Efficiency: 6.3%

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



REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

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°	182.5	187.3	192.1	192.1	187.3	187.3	187.3	182.5	187.3	187.3	187.3
85°	379.3	388.9	398.5	393.7	388.9	379.3	369.7	374.5	379.3	384.1	384.1
82.5°	629.0	643.4	653.0	648.2	638.6	629.0	619.4	624.2	633.8	638.6	638.6
80°	912.3	917.1	921.9	931.5	917.1	917.1	912.3	931.5	941.1	950.7	960.3
77.5°	1238.8	1243.6	1243.6	1248.4	1253.2	1258.0	1258.0	1291.7	1315.7	1330.1	1344.5
75°	1546.1	1560.5	1575.0	1589.4	1608.6	1618.2	1632.6	1680.6	1719.0	1747.8	1776.6
72.5°	1968.7	1987.9	2011.9	2045.5	2079.1	2103.1	2136.8	2194.4	2237.6	2266.4	2300.0
70°	2693.7	2713.0	2737.0	2761.0	2794.6	2818.6	2852.2	2924.2	2967.4	2986.6	3005.9
67.5°	3769.3	3817.3	3860.6	3812.5	3788.5	3754.9	3764.5	3831.7	3875.0	3903.8	3899.0
65°	4724.9	4758.5	4758.5	4753.7	4734.5	4691.2	4715.3	4796.9	4844.9	4868.9	4796.9
62.5°	5848.5	5848.5	5824.4	5862.9	5867.7	5838.9	5824.4	5829.2	5834.1	5848.5	5728.4
60°	6626.3	6674.3	6688.8	6722.4	6732.0	6732.0	6756.0	6775.2	6775.2	6746.4	6607.1
57.5°	7653.9	7745.1	7764.3	7740.3	7692.3	7629.9	7620.3	7591.5	7533.8	7476.2	7409.0
55°	8691.1	8739.1	8734.3	8719.9	8671.8	8599.8	8609.4	8571.0	8479.8	8407.8	8316.5
52.5°	9733.0	9848.3	9867.5	9838.7	9771.4	9694.6	9699.4	9656.2	9565.0	9488.1	9363.3
50°	11063.1	11159.1	11149.5	11101.5	11005.5	10947.8	10952.6	10871.0	10765.4	10741.4	10578.1
47.5°	12585.2	12695.7	12676.5	12609.2	12479.6	12455.6	12479.6	12373.9	12311.5	12258.7	12066.6
45°	14582.7	14712.4	14640.3	14510.7	14304.2	14328.2	14361.8	14342.6	14208.2	14068.9	13824.1
42.5°	16925.9	17007.6	16921.1	16791.5	16532.2	16580.2	16561.0	16445.8	16364.2	16133.7	15821.6
40°	19432.4	19610.1	19475.6	19274.0	19005.1	19077.1	19024.3	18875.4	18683.4	18395.3	18001.5
37.5°	22135.8	22275.0	22121.4	21886.1	21646.0	21622.0	21516.4	21285.9	21012.2	20695.3	20066.3
35°	24723.9	25084.0	24800.7	24426.2	24133.3	24022.8	23922.0	23389.0	23076.9	22563.1	21703.6
32.5°	26649.4	26913.5	26562.9	26174.0	25818.7	25665.0	25309.7	24675.9	24507.8	23427.4	22640.0
30°	27153.5	27134.3	26769.4	26471.7	26087.6	25981.9	25328.9	24791.1	24253.3	23254.6	22505.5
27.5°	25953.1	25833.1	25482.6	25223.3	24843.9	24719.1	24075.7	23787.6	22956.9	22111.8	21477.9
25°	23278.6	23341.0	23076.9	22947.3	22697.6	22428.7	22174.2	21785.3	21266.7	20527.2	19946.2
22.5°	21170.6	21252.3	21141.8	20988.2	20796.1	20647.3	20455.2	20152.7	19653.3	19197.1	18649.8
20°	19999.0	19975.0	19879.0	19763.7	19581.3	19475.6	19264.4	19009.9	18625.7	18232.0	17641.4
17.5°	19384.4	19235.6	19144.3	19101.1	19005.1	18870.6	18620.9	18361.7	18063.9	17617.4	17185.2
15°	18928.3	18952.3	18880.2	18846.6	18769.8	18582.5	18328.0	18116.8	17713.4	17487.7	17094.0
12.5°	18899.4	18875.4	18880.2	18865.8	18769.8	18529.7	18400.1	18131.2	17871.9	17574.2	17122.8
10°	19240.4	18985.9	19005.1	19072.3	18918.6	18726.6	18587.3	18294.4	18049.5	17670.2	17223.7
7.5°	19221.2	19091.5	19129.9	19019.5	19067.5	18832.2	18640.2	18347.2	18039.9	17636.6	17233.3
5°	19336.4	19139.5	19105.9	19115.5	18995.5	18817.8	18558.5	18280.0	17991.9	17540.6	17127.6
2.5°	19072.3	19101.1	18947.5	18889.8	18875.4	18577.7	18337.6	18068.8	17771.0	17372.5	17002.8
0°	18875.4	18928.3	18769.8	18688.2	18683.4	18428.9	18275.2	17967.9	17756.6	17425.3	16978.8
-2.5°	18769.8	18832.2	18851.4	18702.6	18558.5	18361.7	18102.4	17771.0	17425.3	17041.2	16657.1
-5°	18779.4	18654.6	18601.7	18649.8	18524.9	18328.0	18039.9	17747.0	17406.1	16993.2	16513.0
-7.5°	18400.1	18275.2	18265.6	18241.6	18212.8	18025.5	17785.5	17468.5	17122.8	16738.7	16292.1
-10°	17833.5	17742.2	17718.2	17694.2	17617.4	17507.0	17281.3	16993.2	16681.1	16296.9	15821.6
-12.5°	17204.4	17161.2	17070.0	17007.6	16930.8	16801.1	16585.0	16320.9	16008.8	15667.9	15259.8
-15°	16508.2	16426.6	16335.3	16282.5	16172.1	16018.4	15802.4	15557.5	15216.5	14880.4	14496.3
-17.5°	15667.9	15567.1	15466.2	15451.8	15375.0	15139.7	14938.1	14640.3	14342.6	14020.9	13646.4
-20°	14678.8	14539.5	14472.3	14433.9	14328.2	14155.4	13939.3	13665.6	13377.5	13070.2	12638.0



REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	13584.0	13463.9	13348.7	13276.7	13185.4	13051.0	12844.5	12604.4	12321.1	11975.4	11576.9
-25°	12340.3	12172.3	12100.3	12018.6	11970.6	11845.8	11644.1	11423.2	11130.3	10794.2	10414.9
-27.5°	10919.0	10784.6	10746.2	10630.9	10573.3	10443.7	10275.6	10069.1	9800.2	9483.3	9171.2
-30°	9348.9	9267.3	9204.8	9089.6	9046.4	8907.1	8796.7	8623.8	8378.9	8153.3	7903.6
-32.5°	7735.5	7653.9	7634.7	7581.9	7553.1	7461.8	7337.0	7212.1	7015.3	6847.2	6645.5
-35°	6304.6	6247.0	6251.8	6247.0	6218.2	6151.0	5997.3	5963.7	5819.6	5666.0	5536.3
-37.5°	5161.8	5166.6	5161.8	5157.0	5118.6	5089.8	4979.4	4936.1	4849.7	4700.9	4624.0
-40°	4302.3	4311.9	4307.1	4297.5	4254.3	4239.9	4167.9	4110.2	4076.6	3971.0	3889.4
-42.5°	3606.1	3620.5	3615.7	3610.9	3582.1	3577.3	3538.8	3471.6	3452.4	3390.0	3303.6
-45°	3077.9	3073.1	3063.5	3073.1	3058.7	3044.3	3020.3	2977.0	2953.0	2924.2	2852.2
-47.5°	2660.1	2664.9	2655.3	2655.3	2636.1	2621.7	2612.1	2583.3	2564.1	2540.1	2496.9
-50°	2314.4	2333.6	2328.8	2324.0	2309.6	2300.0	2300.0	2271.2	2242.4	2232.8	2204.0
-52.5°	2045.5	2059.9	2064.7	2074.3	2079.1	2083.9	2069.5	2040.7	1992.7	1987.9	1973.5
-55°	1800.6	1843.8	1872.7	1891.9	1911.1	1925.5	1896.7	1858.3	1810.2	1791.0	1786.2
-57.5°	1632.6	1675.8	1709.4	1738.2	1762.2	1786.2	1757.4	1719.0	1675.8	1651.8	1647.0
-60°	1478.9	1517.3	1550.9	1589.4	1623.0	1661.4	1647.0	1618.2	1594.2	1575.0	1555.7
-62.5°	1315.7	1354.1	1392.5	1440.5	1483.7	1522.1	1526.9	1522.1	1517.3	1522.1	1488.5
-65°	1181.2	1200.4	1224.4	1277.2	1325.3	1368.5	1392.5	1406.9	1430.9	1454.9	1421.3
-67.5°	1037.2	1061.2	1090.0	1128.4	1166.8	1195.6	1229.2	1267.6	1306.1	1344.5	1320.5
-70°	907.5	926.7	950.7	969.9	993.9	1013.2	1042.0	1085.2	1128.4	1166.8	1157.2
-72.5°	773.1	792.3	806.7	816.3	830.7	840.3	854.7	893.1	921.9	941.1	941.1
-75°	638.6	657.8	672.2	677.0	686.6	691.4	701.0	715.5	729.9	734.7	739.5
-77.5°	489.8	509.0	523.4	533.0	542.6	552.2	557.0	566.6	571.4	571.4	576.2
-80°	364.9	379.3	388.9	403.3	408.1	417.7	427.4	432.2	437.0	437.0	441.8
-82.5°	259.3	268.9	278.5	288.1	297.7	302.5	312.1	316.9	321.7	326.5	331.3
-85°	172.9	182.5	192.1	201.7	206.5	211.3	216.1	220.9	225.7	230.5	235.3
-87.5°	100.8	105.6	110.4	120.0	124.8	134.4	139.2	134.4	139.2	139.2	139.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

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°	187.3	187.3	187.3	187.3	182.5	172.9	168.1	158.5	148.9	139.2	129.6
85°	388.9	393.7	393.7	393.7	384.1	379.3	364.9	350.5	331.3	302.5	278.5
82.5°	648.2	653.0	653.0	648.2	638.6	624.2	605.0	581.0	542.6	504.2	470.6
80°	974.7	979.5	979.5	974.7	950.7	926.7	902.7	873.9	825.9	773.1	715.5
77.5°	1363.7	1373.3	1373.3	1358.9	1325.3	1296.5	1258.0	1210.0	1138.0	1061.2	984.3
75°	1815.0	1839.0	1843.8	1829.4	1786.2	1733.4	1671.0	1589.4	1478.9	1382.9	1291.7
72.5°	2338.4	2362.4	2381.6	2362.4	2300.0	2228.0	2136.8	2040.7	1930.3	1800.6	1647.0
70°	3025.1	3049.1	3063.5	3001.1	2890.6	2770.6	2660.1	2549.7	2420.1	2261.6	2093.5
67.5°	3889.4	3865.4	3836.5	3711.7	3572.5	3428.4	3274.8	3111.5	2943.4	2775.4	2578.5
65°	4720.1	4652.8	4590.4	4441.6	4263.9	4076.6	3899.0	3716.5	3514.8	3303.6	3116.3
62.5°	5594.0	5449.9	5296.3	5113.8	4931.3	4724.9	4547.2	4331.1	4105.4	3846.2	3606.1
60°	6453.5	6280.6	6127.0	5901.3	5661.2	5382.7	5190.6	4979.4	4715.3	4436.8	4153.5
57.5°	7284.2	7096.9	6928.8	6732.0	6472.7	6170.2	5958.9	5685.2	5406.7	5056.2	4768.1
55°	8167.7	7980.4	7846.0	7625.1	7341.8	7063.3	6832.8	6544.7	6155.8	5781.2	5425.9
52.5°	9180.8	9032.0	8887.9	8662.2	8321.3	8038.0	7783.5	7461.8	7053.7	6592.7	6165.4
50°	10314.0	10237.2	10083.5	9819.5	9430.5	9180.8	8844.7	8417.4	7980.4	7495.4	6962.4
47.5°	11817.0	11692.1	11476.0	11187.9	10861.4	10486.9	10035.5	9536.2	8916.7	8378.9	7812.3
45°	13612.8	13382.3	13103.8	12714.9	12311.5	11889.0	11394.4	10760.6	9929.9	9228.8	8633.4
42.5°	15557.5	15245.4	14866.0	14357.0	13833.7	13315.1	12782.1	11917.8	10880.6	10073.9	9401.7
40°	17588.6	17190.0	16714.7	15975.2	15394.2	14726.8	14117.0	12825.3	11720.9	10847.0	10131.6
37.5°	19576.5	19072.3	18275.2	17377.3	16700.3	16152.9	14813.2	13430.3	12441.2	11480.8	10755.8
35°	21098.6	20671.3	19264.4	18332.8	17751.8	16887.5	15211.7	13795.2	12748.5	11951.4	10823.0
32.5°	22001.3	20896.9	19662.9	18721.8	18241.6	16825.1	15240.6	13900.9	12892.5	11999.4	10650.1
30°	21799.7	20464.8	19384.4	18596.9	17555.0	16282.5	14971.7	13737.6	12758.1	11677.7	10458.1
27.5°	20584.8	19552.5	18587.3	17766.2	16743.5	15600.7	14390.7	13305.5	12393.2	11346.4	10194.0
25°	19211.6	18275.2	17559.8	16844.3	15874.4	14784.4	13718.4	12935.7	12018.6	10986.3	9848.3
22.5°	17948.7	17276.5	16714.7	15965.6	15019.7	14068.9	13406.3	12594.8	11653.7	10606.9	9492.9
20°	17142.0	16685.9	16042.4	15216.5	14472.3	13876.9	13142.2	12282.7	11312.8	10218.0	9190.4
17.5°	16753.1	16224.9	15509.5	14971.7	14400.3	13747.2	12926.1	12013.8	10981.5	10040.3	9224.0
15°	16551.4	15994.4	15523.9	14995.7	14352.2	13665.6	12753.3	11807.3	10981.5	10112.4	9248.1
12.5°	16594.6	16114.5	15600.7	15024.5	14333.0	13598.4	12772.5	11893.8	11039.1	10165.2	9252.9
10°	16729.1	16224.9	15677.5	15038.9	14342.6	13617.6	12825.3	11946.6	11067.9	10189.2	9243.2
7.5°	16777.1	16229.7	15643.9	15000.5	14318.6	13608.0	12834.9	11961.0	11072.7	10184.4	9214.4
5°	16628.2	16133.7	15567.1	14918.8	14251.4	13560.0	12796.5	11941.8	11034.3	10136.4	9142.4
2.5°	16426.6	16028.0	15485.4	14861.2	14184.2	13492.7	12734.1	11855.4	10947.8	10049.9	9051.2
0°	16393.0	15898.4	15351.0	14794.0	14073.7	13343.9	12590.0	11692.1	10789.4	9886.7	8892.7
-2.5°	16172.1	15648.7	15101.3	14496.3	13862.5	13127.8	12335.5	11456.8	10563.7	9675.4	8719.9
-5°	16004.0	15423.0	14842.0	14189.0	13550.4	12815.7	11994.6	11139.9	10266.0	9401.7	8479.8
-7.5°	15778.3	15182.9	14573.1	13891.3	13199.8	12450.8	11639.3	10784.6	9925.1	9065.6	8182.1
-10°	15322.2	14798.8	14227.4	13521.6	12791.7	12042.6	11235.9	10395.7	9536.2	8667.0	7778.7
-12.5°	14770.0	14217.8	13593.6	12945.3	12292.3	11596.1	10789.4	9963.5	9099.2	8225.3	7341.8
-15°	14054.5	13511.9	12873.3	12239.5	11610.5	10943.0	10232.4	9488.1	8609.4	7749.9	6866.4
-17.5°	13161.4	12652.4	12081.0	11476.0	10851.8	10179.6	9488.1	8859.1	8038.0	7231.3	6357.4
-20°	12201.1	11725.7	11211.9	10640.5	10016.3	9358.5	8705.5	8047.6	7337.0	6626.3	5814.8



REPORT NUMBER: P722097
 CATALOG NUMBER: IFLD-L-SA7C-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°	11202.3	10722.2	10203.6	9670.6	9094.4	8484.6	7879.6	7250.5	6626.3	5982.9	5296.3
-25°	10049.9	9627.4	9152.0	8633.4	8119.7	7586.7	7010.5	6439.1	5906.1	5349.1	4787.3
-27.5°	8844.7	8455.8	8023.6	7572.3	7130.5	6683.9	6184.6	5656.4	5214.6	4753.7	4287.9
-30°	7577.1	7265.0	6914.4	6520.7	6179.8	5819.6	5401.9	4964.9	4561.6	4211.1	3836.5
-32.5°	6376.6	6112.5	5862.9	5603.6	5267.5	4989.0	4700.9	4379.1	4023.8	3692.5	3423.6
-35°	5344.3	5061.0	4955.3	4763.3	4523.2	4278.3	4067.0	3836.5	3567.7	3274.8	3053.9
-37.5°	4475.2	4307.1	4158.3	4052.6	3894.2	3697.3	3529.2	3361.2	3154.7	2933.8	2713.0
-40°	3798.1	3682.9	3519.6	3466.8	3366.0	3231.5	3058.7	2929.0	2789.8	2621.7	2434.5
-42.5°	3255.5	3169.1	3063.5	2972.2	2929.0	2833.0	2698.5	2573.7	2463.3	2348.0	2204.0
-45°	2809.0	2751.4	2684.1	2602.5	2568.9	2492.1	2396.0	2256.8	2194.4	2098.3	1992.7
-47.5°	2448.9	2420.1	2372.0	2319.2	2271.2	2213.6	2127.1	2040.7	1954.3	1891.9	1810.2
-50°	2165.6	2146.4	2117.5	2074.3	2011.9	1973.5	1915.9	1839.0	1757.4	1704.6	1647.0
-52.5°	1939.9	1920.7	1901.5	1867.9	1819.8	1781.4	1733.4	1671.0	1603.8	1550.9	1502.9
-55°	1767.0	1738.2	1723.8	1695.0	1656.6	1613.4	1570.2	1526.9	1469.3	1421.3	1373.3
-57.5°	1632.6	1594.2	1575.0	1550.9	1512.5	1469.3	1435.7	1392.5	1354.1	1301.3	1258.0
-60°	1526.9	1483.7	1445.3	1421.3	1387.7	1344.5	1310.9	1277.2	1238.8	1195.6	1142.8
-62.5°	1440.5	1387.7	1334.9	1306.1	1272.4	1234.0	1200.4	1166.8	1128.4	1085.2	1037.2
-65°	1358.9	1296.5	1229.2	1200.4	1166.8	1128.4	1085.2	1061.2	1027.6	989.1	941.1
-67.5°	1258.0	1190.8	1133.2	1099.6	1066.0	1032.4	993.9	969.9	936.3	888.3	840.3
-70°	1109.2	1066.0	1027.6	998.8	969.9	941.1	902.7	864.3	825.9	782.7	739.5
-72.5°	921.9	907.5	902.7	888.3	854.7	821.1	782.7	744.3	710.6	677.0	643.4
-75°	744.3	753.9	763.5	758.7	725.1	691.4	657.8	624.2	600.2	571.4	542.6
-77.5°	590.6	600.2	609.8	609.8	585.8	566.6	542.6	518.6	499.4	475.4	446.6
-80°	456.2	470.6	485.0	494.6	475.4	461.0	441.8	422.5	403.3	384.1	364.9
-82.5°	345.7	360.1	374.5	384.1	369.7	360.1	345.7	331.3	316.9	297.7	283.3
-85°	249.7	259.3	268.9	273.7	264.1	254.5	244.9	235.3	225.7	211.3	201.7
-87.5°	144.1	148.9	153.7	158.5	148.9	139.2	134.4	124.8	120.0	110.4	105.6
-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: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-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°	120.0	110.4	100.8	96.0	86.4	72.0	62.4	52.8	43.2	33.6	28.8
85°	254.5	230.5	201.7	187.3	168.1	148.9	129.6	110.4	91.2	72.0	52.8
82.5°	437.0	408.1	379.3	345.7	302.5	249.7	196.9	163.3	134.4	105.6	81.6
80°	657.8	605.0	557.0	513.8	465.8	398.5	326.5	259.3	182.5	139.2	105.6
77.5°	912.3	849.9	782.7	710.6	633.8	542.6	461.0	374.5	283.3	192.1	134.4
75°	1200.4	1118.8	1027.6	926.7	825.9	705.8	590.6	489.8	384.1	268.9	163.3
72.5°	1522.1	1421.3	1310.9	1176.4	1018.0	878.7	739.5	605.0	480.2	340.9	220.9
70°	1935.1	1776.6	1613.4	1469.3	1267.6	1046.8	883.5	729.9	571.4	417.7	278.5
67.5°	2376.8	2184.8	1987.9	1776.6	1522.1	1262.8	1027.6	854.7	667.4	489.8	331.3
65°	2857.0	2616.9	2367.2	2131.9	1781.4	1474.1	1210.0	974.7	758.7	557.0	384.1
62.5°	3351.6	3068.3	2780.2	2472.9	2069.5	1690.2	1382.9	1109.2	845.1	619.4	432.2
60°	3879.8	3548.4	3197.9	2813.8	2343.2	1925.5	1546.1	1248.4	936.3	681.8	485.0
57.5°	4436.8	4076.6	3663.7	3145.1	2626.5	2151.2	1733.4	1373.3	1018.0	739.5	523.4
55°	5041.8	4628.8	4177.5	3490.8	2905.0	2376.8	1920.7	1498.1	1104.4	787.5	561.8
52.5°	5694.8	5214.6	4643.2	3855.8	3197.9	2607.3	2093.5	1608.6	1186.0	840.3	595.4
50°	6424.7	5819.6	5051.4	4191.9	3452.4	2823.4	2266.4	1728.6	1253.2	897.9	624.2
47.5°	7183.3	6530.3	5416.3	4504.0	3711.7	3034.7	2444.1	1834.2	1320.5	945.9	653.0
45°	7975.6	7024.9	5795.6	4782.5	3937.4	3226.7	2578.5	1930.3	1402.1	989.1	677.0
42.5°	8758.3	7399.4	6127.0	5061.0	4148.7	3399.6	2688.9	2021.5	1469.3	1032.4	701.0
40°	9128.0	7682.7	6391.0	5253.0	4326.3	3553.2	2785.0	2103.1	1526.9	1061.2	725.1
37.5°	9281.7	7855.6	6563.9	5435.5	4465.6	3634.9	2866.6	2175.2	1575.0	1090.0	744.3
35°	9315.3	7918.0	6650.3	5560.4	4580.8	3711.7	2929.0	2228.0	1613.4	1118.8	763.5
32.5°	9252.9	7898.8	6674.3	5603.6	4652.8	3769.3	2972.2	2266.4	1642.2	1147.6	782.7
30°	9113.6	7797.9	6587.9	5598.8	4705.7	3802.9	3001.1	2295.2	1671.0	1166.8	792.3
27.5°	8887.9	7620.3	6477.5	5603.6	4734.5	3817.3	3015.5	2309.6	1690.2	1181.2	811.5
25°	8609.4	7380.2	6482.3	5594.0	4739.3	3822.1	3015.5	2309.6	1695.0	1186.0	825.9
22.5°	8287.7	7380.2	6482.3	5579.6	4710.5	3812.5	3001.1	2300.0	1695.0	1195.6	840.3
20°	8306.9	7385.0	6467.9	5550.8	4667.2	3783.7	2967.4	2276.0	1680.6	1210.0	849.9
17.5°	8321.3	7375.4	6439.1	5512.3	4609.6	3735.7	2924.2	2242.4	1680.6	1224.4	854.7
15°	8321.3	7346.6	6395.8	5454.7	4537.6	3668.5	2861.8	2213.6	1685.4	1229.2	864.3
12.5°	8306.9	7293.8	6328.6	5377.9	4451.2	3586.9	2823.4	2204.0	1685.4	1234.0	864.3
10°	8278.1	7221.7	6242.2	5281.9	4369.5	3558.1	2804.2	2184.8	1675.8	1234.0	864.3
7.5°	8225.3	7135.3	6170.2	5224.2	4321.5	3524.4	2775.4	2156.0	1661.4	1224.4	873.9
5°	8143.7	7087.3	6112.5	5157.0	4254.3	3500.4	2756.2	2131.9	1651.8	1224.4	864.3
2.5°	8038.0	7029.7	6045.3	5070.6	4177.5	3418.8	2693.7	2079.1	1618.2	1205.2	854.7
0°	7865.2	6914.4	5930.1	4950.5	4071.8	3337.2	2631.3	2026.3	1584.6	1186.0	845.1
-2.5°	7706.7	6760.8	5781.2	4825.7	3971.0	3265.1	2583.3	1997.5	1570.2	1181.2	840.3
-5°	7485.8	6549.5	5584.4	4662.4	3836.5	3193.1	2535.3	1963.9	1555.7	1171.6	840.3
-7.5°	7240.9	6328.6	5377.9	4494.4	3702.1	3068.3	2444.1	1911.1	1522.1	1152.4	835.5
-10°	6861.6	5997.3	5118.6	4302.3	3558.1	2957.8	2367.2	1863.1	1493.3	1133.2	816.3
-12.5°	6458.3	5632.4	4820.9	4067.0	3394.8	2842.6	2280.8	1810.2	1459.7	1114.0	806.7
-15°	6030.9	5257.8	4508.8	3822.1	3217.1	2703.4	2189.6	1752.6	1426.1	1090.0	792.3
-17.5°	5584.4	4864.1	4187.1	3572.5	3039.5	2559.3	2093.5	1699.8	1387.7	1066.0	777.9
-20°	5113.8	4460.8	3860.6	3318.0	2852.2	2415.2	1992.7	1637.4	1344.5	1037.2	758.7



REPORT NUMBER: P722097

CATALOG NUMBER: IFLD-L-SA7C-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4648.0	4062.2	3524.4	3068.3	2660.1	2266.4	1891.9	1575.0	1296.5	1003.6	744.3
-25°	4235.1	3687.7	3226.7	2828.2	2472.9	2122.3	1786.2	1512.5	1243.6	969.9	725.1
-27.5°	3831.7	3366.0	2933.8	2602.5	2290.4	1983.1	1685.4	1445.3	1190.8	931.5	705.8
-30°	3457.2	3058.7	2703.4	2381.6	2117.5	1858.3	1599.0	1378.1	1133.2	893.1	681.8
-32.5°	3116.3	2794.6	2496.9	2189.6	1954.3	1733.4	1517.3	1310.9	1075.6	854.7	657.8
-35°	2799.4	2549.7	2290.4	2031.1	1791.0	1618.2	1430.9	1238.8	1022.8	811.5	633.8
-37.5°	2516.1	2314.4	2107.9	1887.1	1680.6	1507.7	1349.3	1166.8	969.9	773.1	609.8
-40°	2271.2	2107.9	1925.5	1747.8	1575.0	1411.7	1267.6	1094.8	917.1	744.3	585.8
-42.5°	2045.5	1920.7	1771.8	1623.0	1469.3	1325.3	1186.0	1018.0	864.3	710.6	561.8
-45°	1872.7	1747.8	1627.8	1493.3	1363.7	1238.8	1099.6	950.7	816.3	672.2	537.8
-47.5°	1709.4	1599.0	1488.5	1378.1	1272.4	1157.2	1018.0	893.1	763.5	638.6	518.6
-50°	1565.4	1459.7	1363.7	1267.6	1176.4	1066.0	936.3	835.5	720.3	605.0	494.6
-52.5°	1430.9	1339.7	1243.6	1166.8	1090.0	979.5	873.9	777.9	677.0	566.6	470.6
-55°	1310.9	1224.4	1138.0	1066.0	993.9	897.9	811.5	729.9	633.8	537.8	446.6
-57.5°	1195.6	1123.6	1042.0	974.7	902.7	825.9	753.9	677.0	590.6	509.0	422.5
-60°	1090.0	1022.8	950.7	883.5	821.1	758.7	691.4	629.0	552.2	475.4	398.5
-62.5°	984.3	926.7	864.3	797.1	749.1	691.4	638.6	576.2	513.8	446.6	355.3
-65°	888.3	835.5	777.9	720.3	677.0	633.8	585.8	528.2	475.4	412.9	316.9
-67.5°	792.3	744.3	696.2	648.2	609.8	576.2	528.2	485.0	441.8	374.5	278.5
-70°	701.0	662.6	619.4	581.0	552.2	513.8	480.2	441.8	403.3	326.5	235.3
-72.5°	614.6	576.2	542.6	513.8	489.8	456.2	427.4	398.5	345.7	273.7	196.9
-75°	513.8	489.8	470.6	446.6	422.5	398.5	374.5	340.9	288.1	220.9	153.7
-77.5°	422.5	408.1	393.7	374.5	355.3	336.1	307.3	273.7	230.5	172.9	124.8
-80°	345.7	331.3	321.7	302.5	288.1	268.9	240.1	211.3	168.1	134.4	100.8
-82.5°	264.1	254.5	244.9	235.3	220.9	201.7	172.9	148.9	124.8	100.8	76.8
-85°	187.3	182.5	172.9	163.3	148.9	134.4	115.2	100.8	86.4	67.2	52.8
-87.5°	96.0	91.2	86.4	81.6	76.8	67.2	57.6	48.0	43.2	33.6	24.0
-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: P722097
 CATALOG NUMBER: IFLD-L-SA7C-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.2	14.4	4.8	0.0
85°	38.4	24.0	9.6	0.0
82.5°	57.6	38.4	14.4	0.0
80°	76.8	48.0	24.0	0.0
77.5°	96.0	57.6	28.8	0.0
75°	115.2	72.0	33.6	0.0
72.5°	129.6	81.6	38.4	0.0
70°	153.7	96.0	43.2	0.0
67.5°	192.1	105.6	48.0	0.0
65°	225.7	115.2	52.8	0.0
62.5°	264.1	124.8	57.6	0.0
60°	297.7	134.4	62.4	0.0
57.5°	331.3	158.5	67.2	0.0
55°	360.1	177.7	72.0	0.0
52.5°	393.7	196.9	76.8	0.0
50°	422.5	216.1	81.6	0.0
47.5°	446.6	235.3	81.6	0.0
45°	465.8	249.7	86.4	0.0
42.5°	480.2	264.1	91.2	0.0
40°	494.6	278.5	96.0	0.0
37.5°	509.0	292.9	96.0	0.0
35°	523.4	307.3	100.8	0.0
32.5°	537.8	321.7	100.8	0.0
30°	547.4	331.3	105.6	0.0
27.5°	561.8	340.9	105.6	0.0
25°	566.6	350.5	110.4	0.0
22.5°	576.2	355.3	110.4	0.0
20°	585.8	364.9	110.4	0.0
17.5°	590.6	369.7	115.2	0.0
15°	590.6	374.5	120.0	0.0
12.5°	595.4	379.3	120.0	0.0
10°	595.4	388.9	115.2	0.0
7.5°	605.0	384.1	115.2	0.0
5°	600.2	384.1	115.2	0.0
2.5°	595.4	379.3	115.2	0.0
0°	590.6	379.3	115.2	0.0
-2.5°	590.6	379.3	115.2	0.0
-5°	590.6	379.3	115.2	0.0
-7.5°	585.8	384.1	115.2	0.0
-10°	576.2	384.1	115.2	0.0
-12.5°	571.4	369.7	115.2	0.0
-15°	566.6	364.9	115.2	0.0
-17.5°	557.0	360.1	110.4	0.0
-20°	547.4	355.3	110.4	0.0



REPORT NUMBER: P722097

CATALOG NUMBER: IFLD-L-SA7C-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	537.8	345.7	110.4	0.0
-25°	528.2	336.1	105.6	0.0
-27.5°	518.6	326.5	105.6	0.0
-30°	504.2	316.9	100.8	0.0
-32.5°	489.8	307.3	100.8	0.0
-35°	480.2	292.9	96.0	0.0
-37.5°	465.8	278.5	96.0	0.0
-40°	451.4	264.1	91.2	0.0
-42.5°	437.0	249.7	86.4	0.0
-45°	417.7	235.3	86.4	0.0
-47.5°	403.3	220.9	81.6	0.0
-50°	379.3	201.7	76.8	0.0
-52.5°	350.5	182.5	72.0	0.0
-55°	321.7	168.1	67.2	0.0
-57.5°	292.9	148.9	67.2	0.0
-60°	264.1	129.6	62.4	0.0
-62.5°	235.3	120.0	57.6	0.0
-65°	206.5	110.4	52.8	0.0
-67.5°	172.9	96.0	48.0	0.0
-70°	144.1	86.4	43.2	0.0
-72.5°	124.8	76.8	38.4	0.0
-75°	105.6	67.2	33.6	0.0
-77.5°	91.2	57.6	28.8	0.0
-80°	72.0	43.2	19.2	0.0
-82.5°	52.8	33.6	14.4	0.0
-85°	33.6	24.0	9.6	0.0
-87.5°	19.2	9.6	4.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)