

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: P722041

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

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722041
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

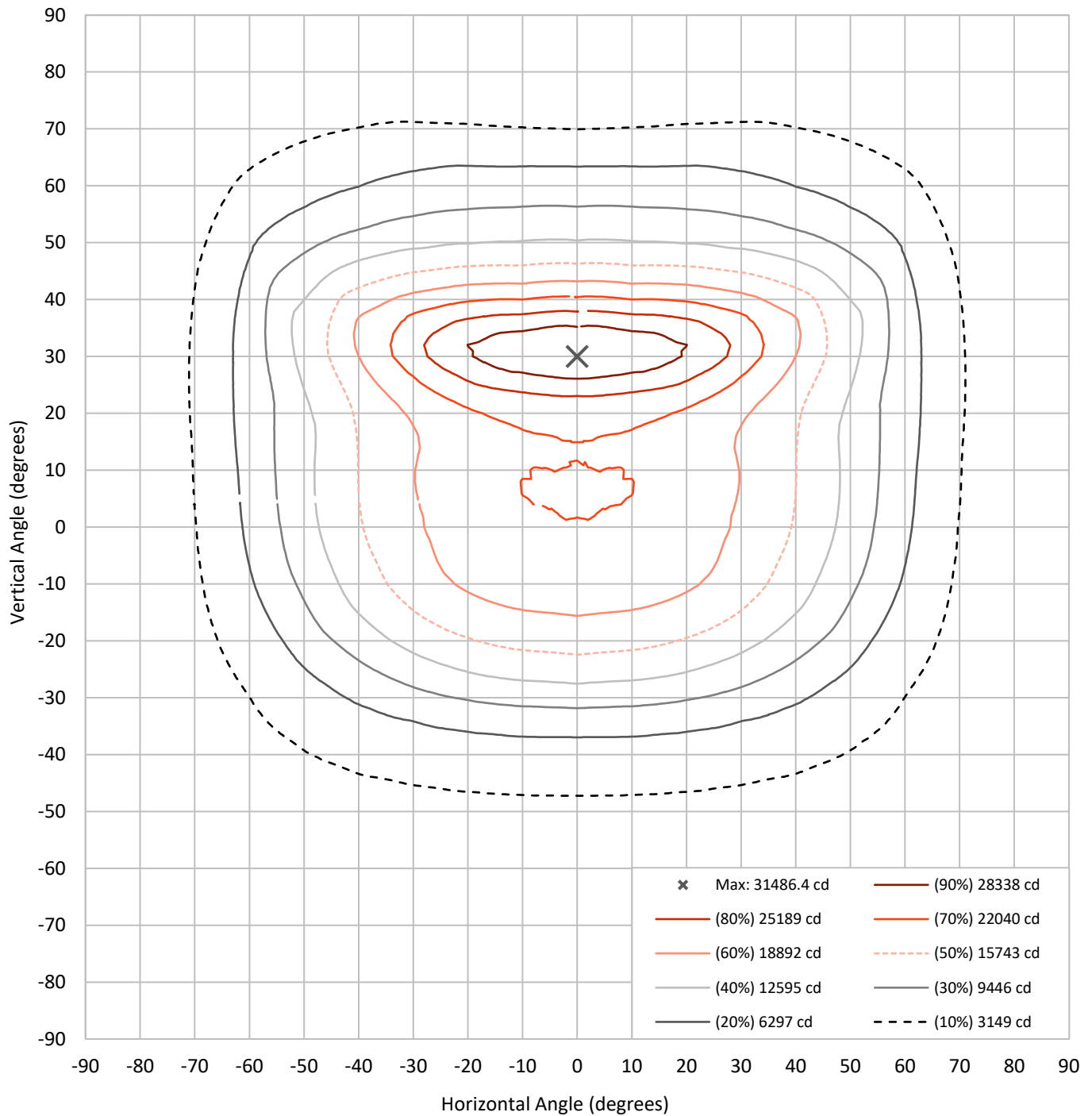
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	52558.7 lumens	Max Intensity:	31486.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	30563.5 lumens	Field Lumens:	49254.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



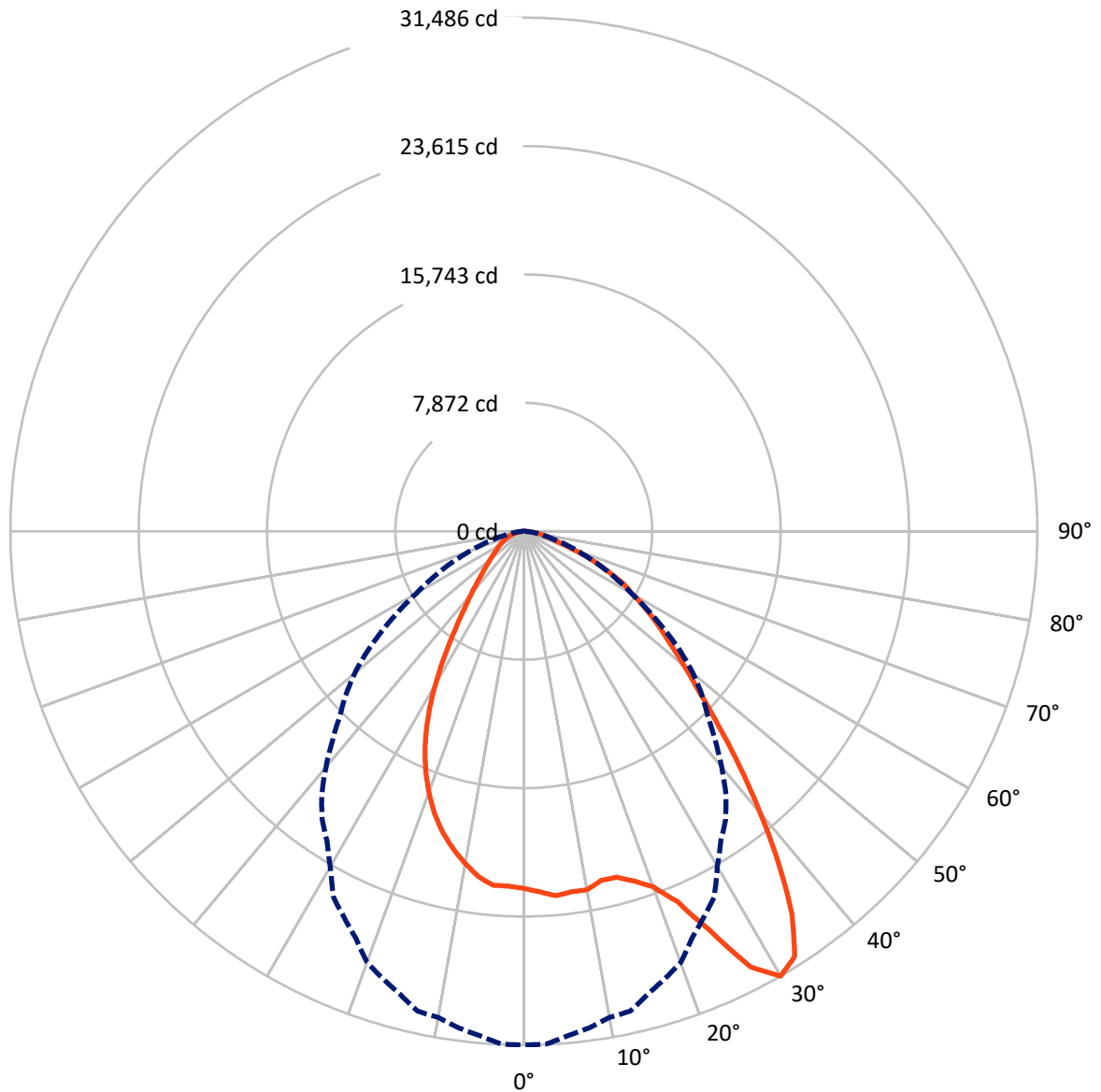
REPORT NUMBER: P722041
CATALOG NUMBER: IFLD-L-SA7E-730-U-76

Iso-Candela Plot



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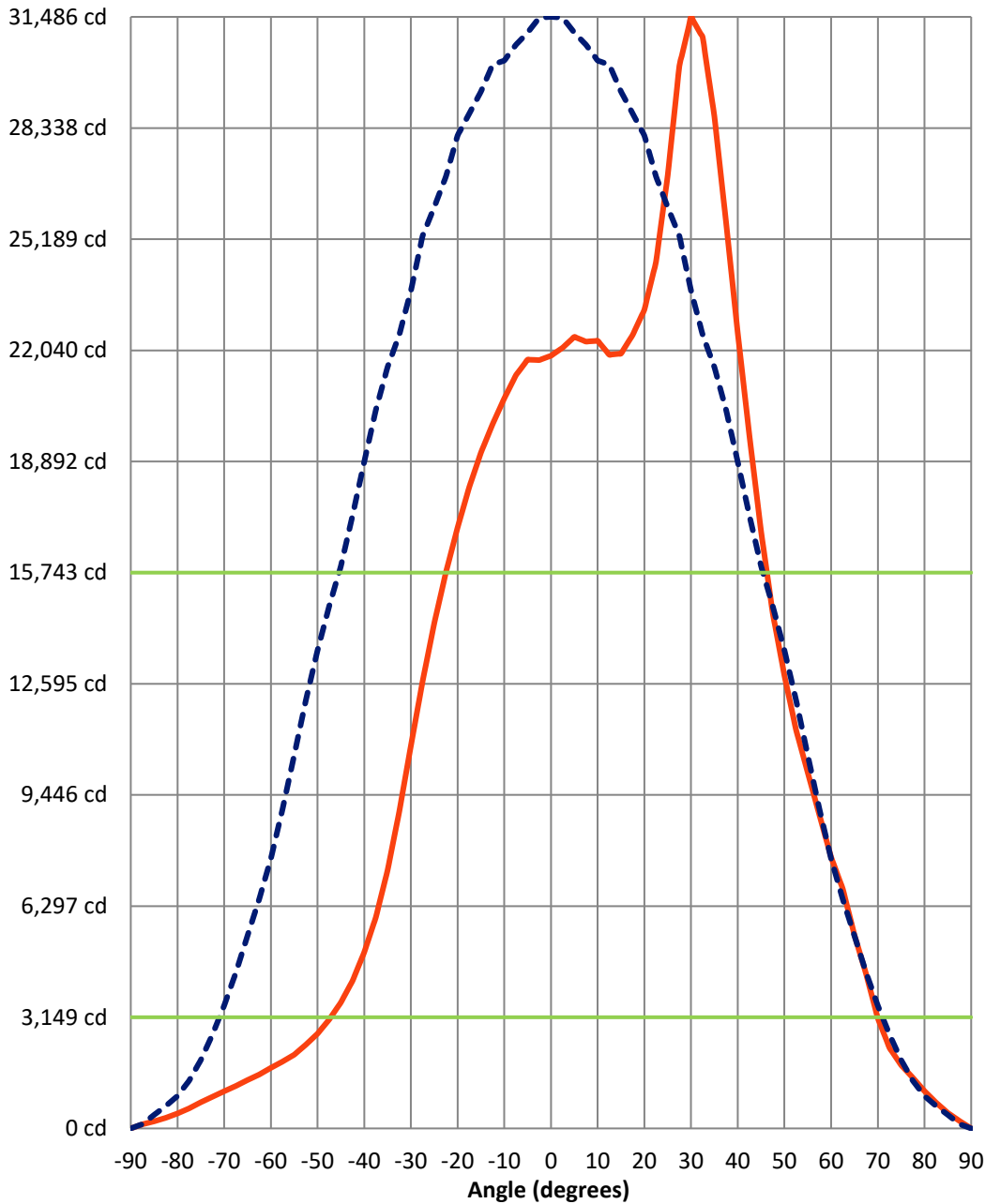
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 30563.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 49254.3
 Efficiency: 93.7%

Spill:
 Lumens: 3304.4
 Efficiency: 6.3%

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



REPORT NUMBER: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-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°	211.6	217.1	222.7	222.7	217.1	217.1	217.1	211.6	217.1	217.1	217.1
85°	439.9	451.0	462.1	456.6	451.0	439.9	428.7	434.3	439.9	445.4	445.4
82.5°	729.4	746.1	757.2	751.7	740.5	729.4	718.3	723.8	735.0	740.5	740.5
80°	1057.9	1063.5	1069.0	1080.2	1063.5	1063.5	1057.9	1080.2	1091.3	1102.4	1113.6
77.5°	1436.5	1442.1	1442.1	1447.7	1453.2	1458.8	1458.8	1497.8	1525.6	1542.3	1559.0
75°	1792.9	1809.6	1826.3	1843.0	1865.2	1876.4	1893.1	1948.8	1993.3	2026.7	2060.1
72.5°	2282.8	2305.1	2332.9	2371.9	2410.9	2438.7	2477.7	2544.5	2594.6	2628.0	2667.0
70°	3123.6	3145.9	3173.7	3201.5	3240.5	3268.3	3307.3	3390.8	3441.0	3463.2	3485.5
67.5°	4370.8	4426.5	4476.6	4420.9	4393.1	4354.1	4365.2	4443.2	4493.3	4526.7	4521.1
65°	5478.8	5517.8	5517.8	5512.2	5489.9	5439.8	5467.7	5562.3	5618.0	5645.8	5562.3
62.5°	6781.7	6781.7	6753.8	6798.4	6804.0	6770.6	6753.8	6759.4	6765.0	6781.7	6642.5
60°	7683.7	7739.4	7756.1	7795.0	7806.2	7806.2	7834.0	7856.3	7856.3	7822.9	7661.4
57.5°	8875.2	8981.0	9003.3	8975.4	8919.8	8847.4	8836.2	8802.8	8736.0	8669.2	8591.3
55°	10077.9	10133.6	10128.0	10111.3	10055.6	9972.1	9983.2	9938.7	9832.9	9749.4	9643.6
52.5°	11286.1	11419.7	11442.0	11408.6	11330.7	11241.6	11247.1	11197.0	11091.2	11002.1	10857.4
50°	12828.4	12939.8	12928.6	12873.0	12761.6	12694.8	12700.4	12605.7	12483.2	12455.4	12266.1
47.5°	14593.4	14721.5	14699.2	14621.3	14470.9	14443.1	14470.9	14348.4	14276.1	14214.8	13992.1
45°	16909.7	17060.0	16976.5	16826.2	16586.7	16614.6	16653.6	16631.3	16475.4	16313.9	16029.9
42.5°	19626.8	19721.5	19621.2	19470.9	19170.2	19225.9	19203.6	19070.0	18975.4	18708.1	18346.2
40°	22533.2	22739.3	22583.4	22349.5	22037.7	22121.2	22060.0	21887.4	21664.6	21330.6	20874.0
37.5°	25668.0	25829.4	25651.3	25378.4	25100.0	25072.2	24949.7	24682.4	24365.1	23997.6	23268.2
35°	28669.1	29086.6	28758.1	28323.8	27984.2	27856.1	27739.2	27121.2	26759.3	26163.5	25166.9
32.5°	30901.8	31208.0	30801.6	30350.6	29938.5	29760.4	29348.3	28613.4	28418.5	27165.7	26252.6
30°	31486.4	31464.1	31041.0	30695.8	30250.3	30127.8	29370.6	28747.0	28123.4	26965.3	26096.7
27.5°	30094.4	29955.2	29548.8	29248.1	28808.2	28663.5	27917.4	27583.3	26620.1	25640.1	24905.2
25°	26993.1	27065.5	26759.3	26608.9	26319.4	26007.6	25712.5	25261.5	24660.2	23802.7	23129.0
22.5°	24548.8	24643.5	24515.4	24337.2	24114.5	23941.9	23719.2	23368.4	22789.4	22260.4	21625.7
20°	23190.3	23162.4	23051.1	22917.4	22705.8	22583.4	22338.4	22043.3	21597.8	21141.3	20456.4
17.5°	22477.6	22305.0	22199.2	22149.1	22037.7	21881.8	21592.3	21291.6	20946.4	20428.6	19927.5
15°	21948.6	21976.5	21892.9	21854.0	21764.9	21547.7	21252.6	21007.6	20539.9	20278.2	19821.7
12.5°	21915.2	21887.4	21892.9	21876.2	21764.9	21486.5	21336.1	21024.3	20723.7	20378.5	19855.1
10°	22310.5	22015.4	22037.7	22115.6	21937.5	21714.8	21553.3	21213.7	20929.7	20489.8	19972.0
7.5°	22288.3	22137.9	22182.5	22054.4	22110.1	21837.3	21614.5	21274.9	20918.6	20450.9	19983.1
5°	22421.9	22193.6	22154.6	22165.8	22026.6	21820.6	21519.9	21196.9	20862.9	20339.5	19860.7
2.5°	22115.6	22149.1	21970.9	21904.1	21887.4	21542.2	21263.8	20952.0	20606.8	20144.6	19715.9
0°	21887.4	21948.6	21764.9	21670.2	21664.6	21369.6	21191.4	20835.0	20590.0	20205.9	19688.0
-2.5°	21764.9	21837.3	21859.5	21686.9	21519.9	21291.6	20990.9	20606.8	20205.9	19760.4	19315.0
-5°	21776.0	21631.2	21570.0	21625.7	21480.9	21252.6	20918.6	20578.9	20183.6	19704.8	19148.0
-7.5°	21336.1	21191.4	21180.2	21152.4	21119.0	20901.8	20623.5	20256.0	19855.1	19409.7	18891.8
-10°	20679.1	20573.3	20545.5	20517.7	20428.6	20300.5	20038.8	19704.8	19342.8	18897.4	18346.2
-12.5°	19949.7	19899.6	19793.8	19721.5	19632.4	19482.0	19231.5	18925.2	18563.3	18168.0	17694.7
-15°	19142.4	19047.7	18942.0	18880.7	18752.6	18574.5	18323.9	18040.0	17644.6	17254.9	16809.5
-17.5°	18168.0	18051.1	17934.2	17917.5	17828.4	17555.5	17321.7	16976.5	16631.3	16258.2	15823.9
-20°	17021.0	16859.6	16781.6	16737.1	16614.6	16414.1	16163.6	15846.2	15512.1	15155.8	14654.7



REPORT NUMBER: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	15751.6	15612.4	15478.7	15395.2	15289.4	15133.5	14894.1	14615.7	14287.2	13886.3	13424.2
-25°	14309.5	14114.6	14031.1	13936.4	13880.7	13736.0	13502.1	13246.0	12906.4	12516.6	12076.7
-27.5°	12661.4	12505.5	12460.9	12327.3	12260.5	12110.2	11915.3	11675.9	11364.1	10996.6	10634.7
-30°	10840.7	10746.0	10673.6	10540.0	10489.9	10328.4	10200.4	9999.9	9716.0	9454.3	9164.7
-32.5°	8969.9	8875.2	8852.9	8791.7	8758.3	8652.5	8507.7	8363.0	8134.7	7939.8	7706.0
-35°	7310.6	7243.8	7249.4	7243.8	7210.4	7132.5	6954.3	6915.3	6748.3	6570.1	6419.8
-37.5°	5985.5	5991.0	5985.5	5979.9	5935.4	5902.0	5773.9	5723.8	5623.6	5451.0	5361.9
-40°	4988.8	5000.0	4994.4	4983.3	4933.1	4916.4	4832.9	4766.1	4727.1	4604.6	4510.0
-42.5°	4181.5	4198.2	4192.6	4187.1	4153.6	4148.1	4103.5	4025.6	4003.3	3930.9	3830.7
-45°	3569.0	3563.4	3552.3	3563.4	3546.7	3530.0	3502.2	3452.1	3424.3	3390.8	3307.3
-47.5°	3084.6	3090.2	3079.0	3079.0	3056.8	3040.1	3028.9	2995.5	2973.3	2945.4	2895.3
-50°	2683.7	2706.0	2700.4	2694.9	2678.2	2667.0	2667.0	2633.6	2600.2	2589.1	2555.7
-52.5°	2371.9	2388.6	2394.2	2405.3	2410.9	2416.5	2399.8	2366.4	2310.7	2305.1	2288.4
-55°	2088.0	2138.1	2171.5	2193.7	2216.0	2232.7	2199.3	2154.8	2099.1	2076.8	2071.3
-57.5°	1893.1	1943.2	1982.2	2015.6	2043.4	2071.3	2037.8	1993.3	1943.2	1915.4	1909.8
-60°	1714.9	1759.5	1798.4	1843.0	1881.9	1926.5	1909.8	1876.4	1848.5	1826.3	1804.0
-62.5°	1525.6	1570.1	1614.7	1670.4	1720.5	1765.0	1770.6	1765.0	1759.5	1765.0	1726.0
-65°	1369.7	1392.0	1419.8	1481.1	1536.7	1586.8	1614.7	1631.4	1659.2	1687.1	1648.1
-67.5°	1202.7	1230.5	1263.9	1308.5	1353.0	1386.4	1425.4	1469.9	1514.5	1559.0	1531.2
-70°	1052.3	1074.6	1102.4	1124.7	1152.6	1174.8	1208.2	1258.3	1308.5	1353.0	1341.9
-72.5°	896.4	918.7	935.4	946.5	963.2	974.4	991.1	1035.6	1069.0	1091.3	1091.3
-75°	740.5	762.8	779.5	785.1	796.2	801.8	812.9	829.6	846.3	851.9	857.5
-77.5°	567.9	590.2	606.9	618.0	629.2	640.3	645.9	657.0	662.6	662.6	668.1
-80°	423.2	439.9	451.0	467.7	473.3	484.4	495.5	501.1	506.7	506.7	512.2
-82.5°	300.7	311.8	322.9	334.1	345.2	350.8	361.9	367.5	373.0	378.6	384.2
-85°	200.4	211.6	222.7	233.9	239.4	245.0	250.6	256.1	261.7	267.3	272.8
-87.5°	116.9	122.5	128.1	139.2	144.8	155.9	161.5	155.9	161.5	161.5	161.5
-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: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-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°	217.1	217.1	217.1	217.1	211.6	200.4	194.9	183.7	172.6	161.5	150.3
85°	451.0	456.6	456.6	456.6	445.4	439.9	423.2	406.5	384.2	350.8	322.9
82.5°	751.7	757.2	757.2	751.7	740.5	723.8	701.6	673.7	629.2	584.6	545.7
80°	1130.3	1135.8	1135.8	1130.3	1102.4	1074.6	1046.8	1013.4	957.7	896.4	829.6
77.5°	1581.3	1592.4	1592.4	1575.7	1536.7	1503.3	1458.8	1403.1	1319.6	1230.5	1141.4
75°	2104.7	2132.5	2138.1	2121.4	2071.3	2010.0	1937.6	1843.0	1714.9	1603.6	1497.8
72.5°	2711.6	2739.4	2761.7	2739.4	2667.0	2583.5	2477.7	2366.4	2238.3	2088.0	1909.8
70°	3507.8	3535.6	3552.3	3479.9	3351.9	3212.7	3084.6	2956.5	2806.2	2622.5	2427.6
67.5°	4510.0	4482.1	4448.7	4304.0	4142.5	3975.5	3797.3	3608.0	3413.1	3218.2	2990.0
65°	5473.2	5395.3	5322.9	5150.3	4944.3	4727.1	4521.1	4309.5	4075.7	3830.7	3613.6
62.5°	6486.6	6319.6	6141.4	5929.8	5718.2	5478.8	5272.8	5022.2	4760.5	4459.9	4181.5
60°	7483.2	7282.8	7104.6	6842.9	6564.5	6241.6	6018.9	5773.9	5467.7	5144.7	4816.2
57.5°	8446.5	8229.3	8034.5	7806.2	7505.5	7154.7	6909.7	6592.4	6269.4	5863.0	5528.9
55°	9471.0	9253.8	9097.9	8841.8	8513.3	8190.4	7923.1	7589.0	7138.0	6703.7	6291.7
52.5°	10645.8	10473.2	10306.2	10044.5	9649.1	9320.6	9025.5	8652.5	8179.2	7644.7	7149.2
50°	11959.8	11870.7	11692.6	11386.3	10935.3	10645.8	10256.0	9760.5	9253.8	8691.5	8073.4
47.5°	13702.6	13557.8	13307.3	12973.2	12594.6	12160.3	11636.9	11057.8	10339.6	9716.0	9059.0
45°	15785.0	15517.7	15194.8	14743.8	14276.1	13786.1	13212.6	12477.6	11514.4	10701.5	10011.1
42.5°	18040.0	17678.0	17238.2	16648.0	16041.1	15439.8	14821.7	13819.5	12616.8	11681.4	10901.9
40°	20395.2	19933.0	19381.8	18524.4	17850.6	17076.7	16369.6	14871.8	13591.2	12577.9	11748.2
37.5°	22700.3	22115.6	21191.4	20150.2	19365.1	18730.4	17176.9	15573.4	14426.4	13312.8	12472.1
35°	24465.3	23969.8	22338.4	21258.2	20584.5	19582.3	17639.1	15996.5	14782.7	13858.5	12550.0
32.5°	25512.1	24231.4	22800.5	21709.2	21152.4	19509.9	17672.5	16119.0	14949.8	13914.2	12349.6
30°	25278.2	23730.3	22477.6	21564.4	20356.2	18880.7	17360.7	15929.7	14793.9	13541.1	12126.9
27.5°	23869.5	22672.4	21553.3	20601.2	19415.2	18090.1	16687.0	15428.6	14370.7	13156.9	11820.6
25°	22277.1	21191.4	20361.8	19532.1	18407.4	17143.5	15907.5	14999.9	13936.4	12739.3	11419.7
22.5°	20812.8	20033.3	19381.8	18513.2	17416.4	16313.9	15545.5	14604.6	13513.3	12299.5	11007.7
20°	19877.4	19348.4	18602.3	17644.6	16781.6	16091.2	15239.3	14242.7	13117.9	11848.5	10656.9
17.5°	19426.4	18813.9	17984.3	17360.7	16698.1	15940.9	14988.8	13930.9	12733.8	11642.5	10695.9
15°	19192.5	18546.6	18001.0	17388.5	16642.4	15846.2	14788.3	13691.4	12733.8	11726.0	10723.8
12.5°	19242.6	18685.8	18090.1	17421.9	16620.1	15768.3	14810.6	13791.7	12800.6	11787.2	10729.3
10°	19398.5	18813.9	18179.2	17438.6	16631.3	15790.5	14871.8	13852.9	12834.0	11815.1	10718.2
7.5°	19454.2	18819.5	18140.2	17394.1	16603.4	15779.4	14883.0	13869.6	12839.5	11809.5	10684.8
5°	19281.6	18708.1	18051.1	17299.4	16525.5	15723.7	14838.4	13847.3	12795.0	11753.8	10601.3
2.5°	19047.7	18585.6	17956.4	17232.6	16447.5	15645.8	14766.0	13747.1	12694.8	11653.6	10495.5
0°	19008.8	18435.3	17800.5	17154.7	16319.5	15473.2	14599.0	13557.8	12511.0	11464.3	10311.7
-2.5°	18752.6	18145.7	17511.0	16809.5	16074.5	15222.6	14303.9	13285.0	12249.4	11219.3	10111.3
-5°	18557.8	17884.1	17210.3	16453.1	15712.6	14860.7	13908.6	12917.5	11904.1	10901.9	9832.9
-7.5°	18296.1	17605.7	16898.5	16107.9	15306.1	14437.5	13496.6	12505.5	11508.8	10512.2	9487.7
-10°	17767.1	17160.2	16497.7	15679.2	14832.9	13964.3	13028.9	12054.5	11057.8	10050.0	9020.0
-12.5°	17126.8	16486.5	15762.7	15011.0	14253.8	13446.4	12511.0	11553.4	10551.1	9537.8	8513.3
-15°	16297.2	15668.0	14927.5	14192.5	13463.2	12689.2	11865.2	11002.1	9983.2	8986.6	7962.1
-17.5°	15261.6	14671.4	14008.8	13307.3	12583.4	11803.9	11002.1	10272.8	9320.6	8385.2	7371.9
-20°	14148.0	13596.8	13001.0	12338.4	11614.6	10851.8	10094.6	9331.8	8507.7	7683.7	6742.7



REPORT NUMBER: P722041

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	12989.9	12433.1	11831.8	11213.7	10545.6	9838.5	9136.9	8407.5	7683.7	6937.6	6141.4
-25°	11653.6	11163.6	10612.4	10011.1	9415.3	8797.3	8129.1	7466.5	6848.5	6202.6	5551.2
-27.5°	10256.0	9805.0	9303.9	8780.6	8268.3	7750.5	7171.4	6559.0	6046.7	5512.2	4972.1
-30°	8786.1	8424.2	8017.8	7561.2	7165.9	6748.3	6263.9	5757.2	5289.5	4883.0	4448.7
-32.5°	7394.2	7087.9	6798.4	6497.7	6108.0	5785.0	5451.0	5077.9	4665.9	4281.7	3969.9
-35°	6197.1	5868.6	5746.1	5523.3	5244.9	4961.0	4716.0	4448.7	4136.9	3797.3	3541.2
-37.5°	5189.3	4994.4	4821.8	4699.3	4515.6	4287.3	4092.4	3897.5	3658.1	3402.0	3145.9
-40°	4404.2	4270.6	4081.3	4020.0	3903.1	3747.2	3546.7	3396.4	3234.9	3040.1	2822.9
-42.5°	3775.0	3674.8	3552.3	3446.5	3396.4	3285.1	3129.2	2984.4	2856.3	2722.7	2555.7
-45°	3257.2	3190.4	3112.4	3017.8	2978.8	2889.7	2778.4	2616.9	2544.5	2433.2	2310.7
-47.5°	2839.6	2806.2	2750.5	2689.3	2633.6	2566.8	2466.6	2366.4	2266.1	2193.7	2099.1
-50°	2511.1	2488.8	2455.4	2405.3	2332.9	2288.4	2221.6	2132.5	2037.8	1976.6	1909.8
-52.5°	2249.4	2227.2	2204.9	2165.9	2110.2	2065.7	2010.0	1937.6	1859.7	1798.4	1742.7
-55°	2049.0	2015.6	1998.9	1965.5	1920.9	1870.8	1820.7	1770.6	1703.8	1648.1	1592.4
-57.5°	1893.1	1848.5	1826.3	1798.4	1753.9	1703.8	1664.8	1614.7	1570.1	1508.9	1458.8
-60°	1770.6	1720.5	1675.9	1648.1	1609.1	1559.0	1520.0	1481.1	1436.5	1386.4	1325.2
-62.5°	1670.4	1609.1	1547.9	1514.5	1475.5	1430.9	1392.0	1353.0	1308.5	1258.3	1202.7
-65°	1575.7	1503.3	1425.4	1392.0	1353.0	1308.5	1258.3	1230.5	1191.5	1147.0	1091.3
-67.5°	1458.8	1380.8	1314.0	1275.0	1236.1	1197.1	1152.6	1124.7	1085.7	1030.1	974.4
-70°	1286.2	1236.1	1191.5	1158.1	1124.7	1091.3	1046.8	1002.2	957.7	907.6	857.5
-72.5°	1069.0	1052.3	1046.8	1030.1	991.1	952.1	907.6	863.0	824.0	785.1	746.1
-75°	863.0	874.2	885.3	879.7	840.8	801.8	762.8	723.8	696.0	662.6	629.2
-77.5°	684.9	696.0	707.1	707.1	679.3	657.0	629.2	601.3	579.1	551.2	517.8
-80°	528.9	545.7	562.4	573.5	551.2	534.5	512.2	490.0	467.7	445.4	423.2
-82.5°	400.9	417.6	434.3	445.4	428.7	417.6	400.9	384.2	367.5	345.2	328.5
-85°	289.5	300.7	311.8	317.4	306.2	295.1	284.0	272.8	261.7	245.0	233.9
-87.5°	167.0	172.6	178.2	183.7	172.6	161.5	155.9	144.8	139.2	128.1	122.5
-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: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-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°	139.2	128.1	116.9	111.4	100.2	83.5	72.4	61.2	50.1	39.0	33.4
85°	295.1	267.3	233.9	217.1	194.9	172.6	150.3	128.1	105.8	83.5	61.2
82.5°	506.7	473.3	439.9	400.9	350.8	289.5	228.3	189.3	155.9	122.5	94.7
80°	762.8	701.6	645.9	595.8	540.1	462.1	378.6	300.7	211.6	161.5	122.5
77.5°	1057.9	985.5	907.6	824.0	735.0	629.2	534.5	434.3	328.5	222.7	155.9
75°	1392.0	1297.3	1191.5	1074.6	957.7	818.5	684.9	567.9	445.4	311.8	189.3
72.5°	1765.0	1648.1	1520.0	1364.1	1180.4	1018.9	857.5	701.6	556.8	395.3	256.1
70°	2243.9	2060.1	1870.8	1703.8	1469.9	1213.8	1024.5	846.3	662.6	484.4	322.9
67.5°	2756.1	2533.4	2305.1	2060.1	1765.0	1464.4	1191.5	991.1	773.9	567.9	384.2
65°	3312.9	3034.5	2745.0	2472.1	2065.7	1709.3	1403.1	1130.3	879.7	645.9	445.4
62.5°	3886.4	3557.9	3223.8	2867.5	2399.8	1959.9	1603.6	1286.2	979.9	718.3	501.1
60°	4498.9	4114.7	3708.2	3262.8	2717.1	2232.7	1792.9	1447.7	1085.7	790.6	562.4
57.5°	5144.7	4727.1	4248.3	3647.0	3045.6	2494.4	2010.0	1592.4	1180.4	857.5	606.9
55°	5846.3	5367.4	4844.1	4047.9	3368.6	2756.1	2227.2	1737.2	1280.6	913.1	651.4
52.5°	6603.5	6046.7	5384.1	4471.0	3708.2	3023.4	2427.6	1865.2	1375.3	974.4	690.4
50°	7449.8	6748.3	5857.4	4860.8	4003.3	3273.9	2628.0	2004.4	1453.2	1041.2	723.8
47.5°	8329.6	7572.3	6280.6	5222.7	4304.0	3518.9	2834.1	2126.9	1531.2	1096.9	757.2
45°	9248.3	8145.8	6720.4	5545.6	4565.7	3741.6	2990.0	2238.3	1625.8	1147.0	785.1
42.5°	10155.8	8580.1	7104.6	5868.6	4810.7	3942.1	3118.0	2344.1	1703.8	1197.1	812.9
40°	10584.6	8908.6	7410.9	6091.3	5016.7	4120.2	3229.4	2438.7	1770.6	1230.5	840.8
37.5°	10762.7	9109.1	7611.3	6302.8	5178.1	4214.9	3324.0	2522.3	1826.3	1263.9	863.0
35°	10801.7	9181.4	7711.5	6447.6	5311.8	4304.0	3396.4	2583.5	1870.8	1297.3	885.3
32.5°	10729.3	9159.2	7739.4	6497.7	5395.3	4370.8	3446.5	2628.0	1904.2	1330.7	907.6
30°	10567.9	9042.2	7639.1	6492.2	5456.5	4409.8	3479.9	2661.5	1937.6	1353.0	918.7
27.5°	10306.2	8836.2	7511.1	6497.7	5489.9	4426.5	3496.6	2678.2	1959.9	1369.7	941.0
25°	9983.2	8557.8	7516.6	6486.6	5495.5	4432.0	3496.6	2678.2	1965.5	1375.3	957.7
22.5°	9610.2	8557.8	7516.6	6469.9	5462.1	4420.9	3479.9	2667.0	1965.5	1386.4	974.4
20°	9632.4	8563.4	7499.9	6436.5	5412.0	4387.5	3441.0	2639.2	1948.8	1403.1	985.5
17.5°	9649.1	8552.3	7466.5	6391.9	5345.2	4331.8	3390.8	2600.2	1948.8	1419.8	991.1
15°	9649.1	8518.9	7416.4	6325.1	5261.7	4253.9	3318.5	2566.8	1954.3	1425.4	1002.2
12.5°	9632.4	8457.6	7338.5	6236.0	5161.4	4159.2	3273.9	2555.7	1954.3	1430.9	1002.2
10°	9599.0	8374.1	7238.3	6124.7	5066.8	4125.8	3251.6	2533.4	1943.2	1430.9	1002.2
7.5°	9537.8	8273.9	7154.7	6057.9	5011.1	4086.8	3218.2	2500.0	1926.5	1419.8	1013.4
5°	9443.1	8218.2	7087.9	5979.9	4933.1	4059.0	3196.0	2472.1	1915.4	1419.8	1002.2
2.5°	9320.6	8151.4	7010.0	5879.7	4844.1	3964.3	3123.6	2410.9	1876.4	1397.5	991.1
0°	9120.2	8017.8	6876.3	5740.5	4721.6	3869.7	3051.2	2349.6	1837.4	1375.3	979.9
-2.5°	8936.5	7839.6	6703.7	5595.7	4604.6	3786.2	2995.5	2316.2	1820.7	1369.7	974.4
-5°	8680.3	7594.6	6475.5	5406.4	4448.7	3702.6	2939.8	2277.3	1804.0	1358.6	974.4
-7.5°	8396.4	7338.5	6236.0	5211.5	4292.8	3557.9	2834.1	2216.0	1765.0	1336.3	968.8
-10°	7956.5	6954.3	5935.4	4988.8	4125.8	3429.8	2745.0	2160.3	1731.6	1314.0	946.5
-12.5°	7488.8	6531.1	5590.2	4716.0	3936.5	3296.2	2644.7	2099.1	1692.6	1291.7	935.4
-15°	6993.3	6096.8	5228.2	4432.0	3730.5	3134.7	2539.0	2032.3	1653.7	1263.9	918.7
-17.5°	6475.5	5640.3	4855.2	4142.5	3524.5	2967.7	2427.6	1971.0	1609.1	1236.1	902.0
-20°	5929.8	5172.6	4476.6	3847.4	3307.3	2800.6	2310.7	1898.6	1559.0	1202.7	879.7



REPORT NUMBER: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5389.7	4710.4	4086.8	3557.9	3084.6	2628.0	2193.7	1826.3	1503.3	1163.7	863.0
-25°	4910.9	4276.1	3741.6	3279.5	2867.5	2461.0	2071.3	1753.9	1442.1	1124.7	840.8
-27.5°	4443.2	3903.1	3402.0	3017.8	2655.9	2299.5	1954.3	1675.9	1380.8	1080.2	818.5
-30°	4008.9	3546.7	3134.7	2761.7	2455.4	2154.8	1854.1	1598.0	1314.0	1035.6	790.6
-32.5°	3613.6	3240.5	2895.3	2539.0	2266.1	2010.0	1759.5	1520.0	1247.2	991.1	762.8
-35°	3246.1	2956.5	2655.9	2355.2	2076.8	1876.4	1659.2	1436.5	1186.0	941.0	735.0
-37.5°	2917.6	2683.7	2444.3	2188.2	1948.8	1748.3	1564.6	1353.0	1124.7	896.4	707.1
-40°	2633.6	2444.3	2232.7	2026.7	1826.3	1637.0	1469.9	1269.5	1063.5	863.0	679.3
-42.5°	2371.9	2227.2	2054.6	1881.9	1703.8	1536.7	1375.3	1180.4	1002.2	824.0	651.4
-45°	2171.5	2026.7	1887.5	1731.6	1581.3	1436.5	1275.0	1102.4	946.5	779.5	623.6
-47.5°	1982.2	1854.1	1726.0	1598.0	1475.5	1341.9	1180.4	1035.6	885.3	740.5	601.3
-50°	1815.1	1692.6	1581.3	1469.9	1364.1	1236.1	1085.7	968.8	835.2	701.6	573.5
-52.5°	1659.2	1553.4	1442.1	1353.0	1263.9	1135.8	1013.4	902.0	785.1	657.0	545.7
-55°	1520.0	1419.8	1319.6	1236.1	1152.6	1041.2	941.0	846.3	735.0	623.6	517.8
-57.5°	1386.4	1302.9	1208.2	1130.3	1046.8	957.7	874.2	785.1	684.9	590.2	490.0
-60°	1263.9	1186.0	1102.4	1024.5	952.1	879.7	801.8	729.4	640.3	551.2	462.1
-62.5°	1141.4	1074.6	1002.2	924.3	868.6	801.8	740.5	668.1	595.8	517.8	412.0
-65°	1030.1	968.8	902.0	835.2	785.1	735.0	679.3	612.5	551.2	478.8	367.5
-67.5°	918.7	863.0	807.3	751.7	707.1	668.1	612.5	562.4	512.2	434.3	322.9
-70°	812.9	768.4	718.3	673.7	640.3	595.8	556.8	512.2	467.7	378.6	272.8
-72.5°	712.7	668.1	629.2	595.8	567.9	528.9	495.5	462.1	400.9	317.4	228.3
-75°	595.8	567.9	545.7	517.8	490.0	462.1	434.3	395.3	334.1	256.1	178.2
-77.5°	490.0	473.3	456.6	434.3	412.0	389.8	356.3	317.4	267.3	200.4	144.8
-80°	400.9	384.2	373.0	350.8	334.1	311.8	278.4	245.0	194.9	155.9	116.9
-82.5°	306.2	295.1	284.0	272.8	256.1	233.9	200.4	172.6	144.8	116.9	89.1
-85°	217.1	211.6	200.4	189.3	172.6	155.9	133.6	116.9	100.2	78.0	61.2
-87.5°	111.4	105.8	100.2	94.7	89.1	78.0	66.8	55.7	50.1	39.0	27.8
-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: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	22.3	16.7	5.6	0.0
85°	44.5	27.8	11.1	0.0
82.5°	66.8	44.5	16.7	0.0
80°	89.1	55.7	27.8	0.0
77.5°	111.4	66.8	33.4	0.0
75°	133.6	83.5	39.0	0.0
72.5°	150.3	94.7	44.5	0.0
70°	178.2	111.4	50.1	0.0
67.5°	222.7	122.5	55.7	0.0
65°	261.7	133.6	61.2	0.0
62.5°	306.2	144.8	66.8	0.0
60°	345.2	155.9	72.4	0.0
57.5°	384.2	183.7	78.0	0.0
55°	417.6	206.0	83.5	0.0
52.5°	456.6	228.3	89.1	0.0
50°	490.0	250.6	94.7	0.0
47.5°	517.8	272.8	94.7	0.0
45°	540.1	289.5	100.2	0.0
42.5°	556.8	306.2	105.8	0.0
40°	573.5	322.9	111.4	0.0
37.5°	590.2	339.6	111.4	0.0
35°	606.9	356.3	116.9	0.0
32.5°	623.6	373.0	116.9	0.0
30°	634.7	384.2	122.5	0.0
27.5°	651.4	395.3	122.5	0.0
25°	657.0	406.5	128.1	0.0
22.5°	668.1	412.0	128.1	0.0
20°	679.3	423.2	128.1	0.0
17.5°	684.9	428.7	133.6	0.0
15°	684.9	434.3	139.2	0.0
12.5°	690.4	439.9	139.2	0.0
10°	690.4	451.0	133.6	0.0
7.5°	701.6	445.4	133.6	0.0
5°	696.0	445.4	133.6	0.0
2.5°	690.4	439.9	133.6	0.0
0°	684.9	439.9	133.6	0.0
-2.5°	684.9	439.9	133.6	0.0
-5°	684.9	439.9	133.6	0.0
-7.5°	679.3	445.4	133.6	0.0
-10°	668.1	445.4	133.6	0.0
-12.5°	662.6	428.7	133.6	0.0
-15°	657.0	423.2	133.6	0.0
-17.5°	645.9	417.6	128.1	0.0
-20°	634.7	412.0	128.1	0.0



REPORT NUMBER: P722041
 CATALOG NUMBER: IFLD-L-SA7E-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	623.6	400.9	128.1	0.0
-25°	612.5	389.8	122.5	0.0
-27.5°	601.3	378.6	122.5	0.0
-30°	584.6	367.5	116.9	0.0
-32.5°	567.9	356.3	116.9	0.0
-35°	556.8	339.6	111.4	0.0
-37.5°	540.1	322.9	111.4	0.0
-40°	523.4	306.2	105.8	0.0
-42.5°	506.7	289.5	100.2	0.0
-45°	484.4	272.8	100.2	0.0
-47.5°	467.7	256.1	94.7	0.0
-50°	439.9	233.9	89.1	0.0
-52.5°	406.5	211.6	83.5	0.0
-55°	373.0	194.9	78.0	0.0
-57.5°	339.6	172.6	78.0	0.0
-60°	306.2	150.3	72.4	0.0
-62.5°	272.8	139.2	66.8	0.0
-65°	239.4	128.1	61.2	0.0
-67.5°	200.4	111.4	55.7	0.0
-70°	167.0	100.2	50.1	0.0
-72.5°	144.8	89.1	44.5	0.0
-75°	122.5	78.0	39.0	0.0
-77.5°	105.8	66.8	33.4	0.0
-80°	83.5	50.1	22.3	0.0
-82.5°	61.2	39.0	16.7	0.0
-85°	39.0	27.8	11.1	0.0
-87.5°	22.3	11.1	5.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)