

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: P722217

Luminaire Tested: **IFLD-L-SA8B-830-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722217
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-830-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

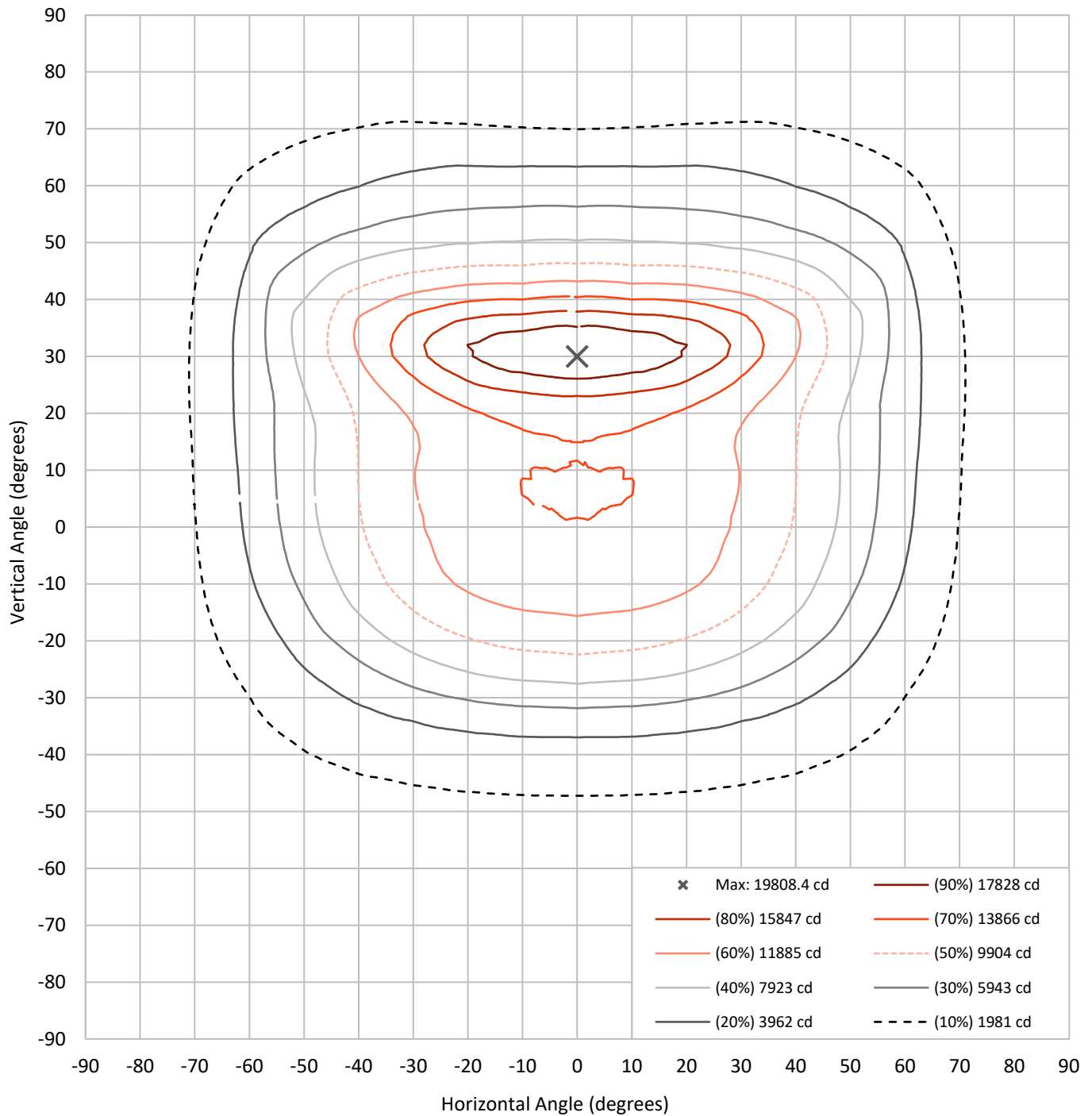
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33065.2 lumens	Max Intensity:	19808.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19227.8 lumens	Field Lumens:	30986.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320
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: P722217
CATALOG NUMBER: IFLD-L-SA8B-830-U-76

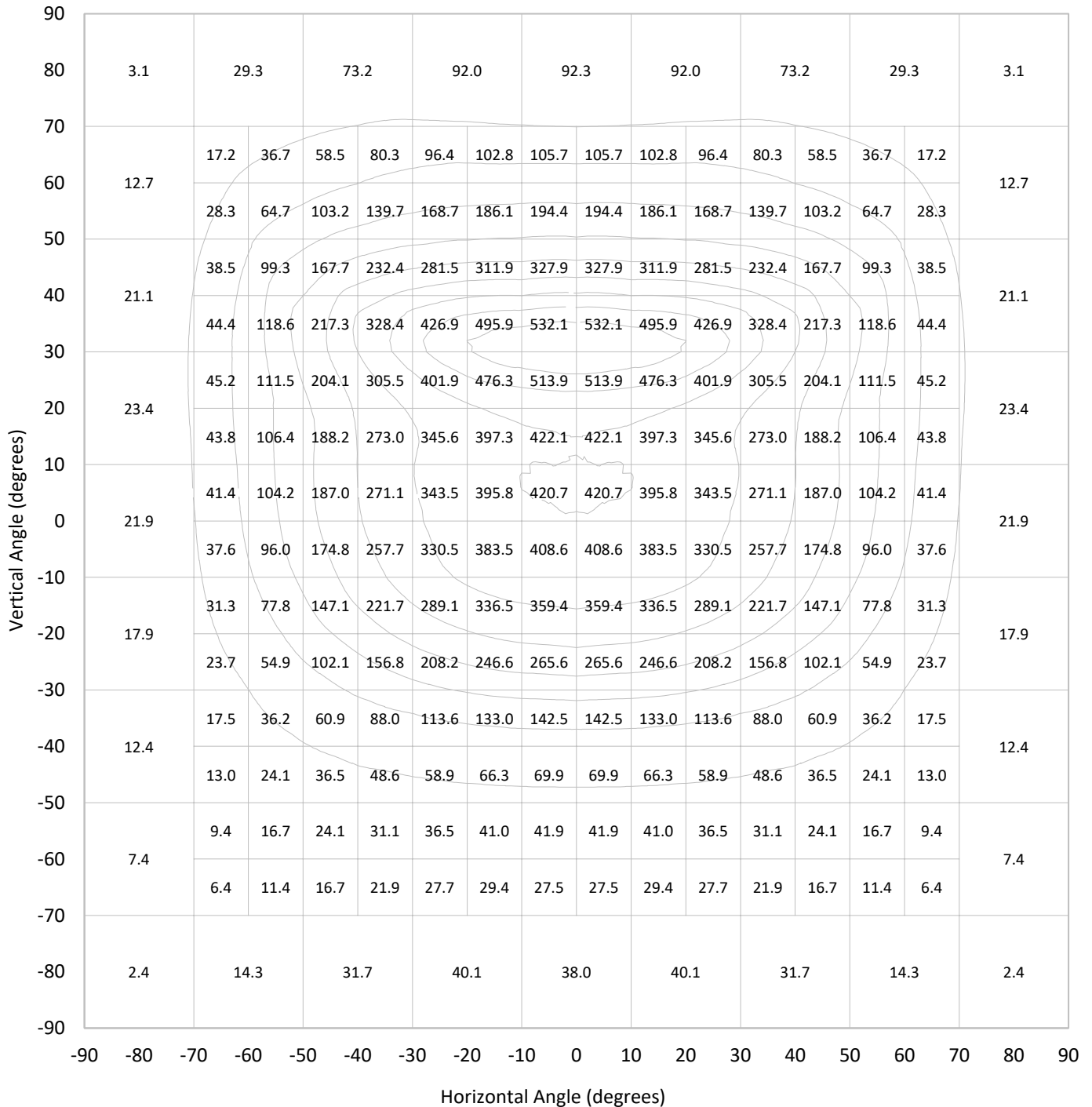
Iso-Candela Plot





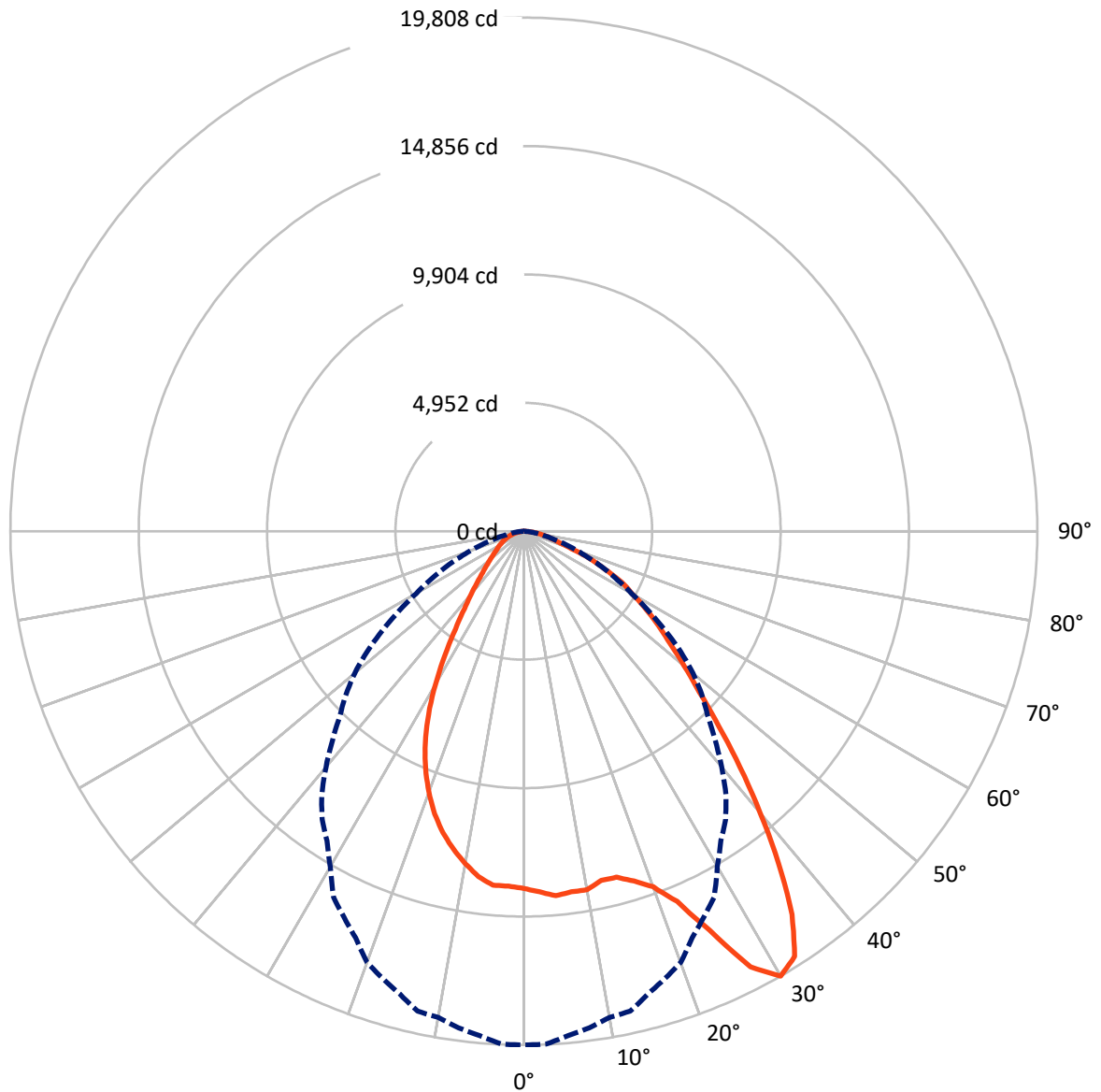
REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

Lumen Table



REPORT NUMBER: P722217
CATALOG NUMBER: IFLD-L-SA8B-830-U-76

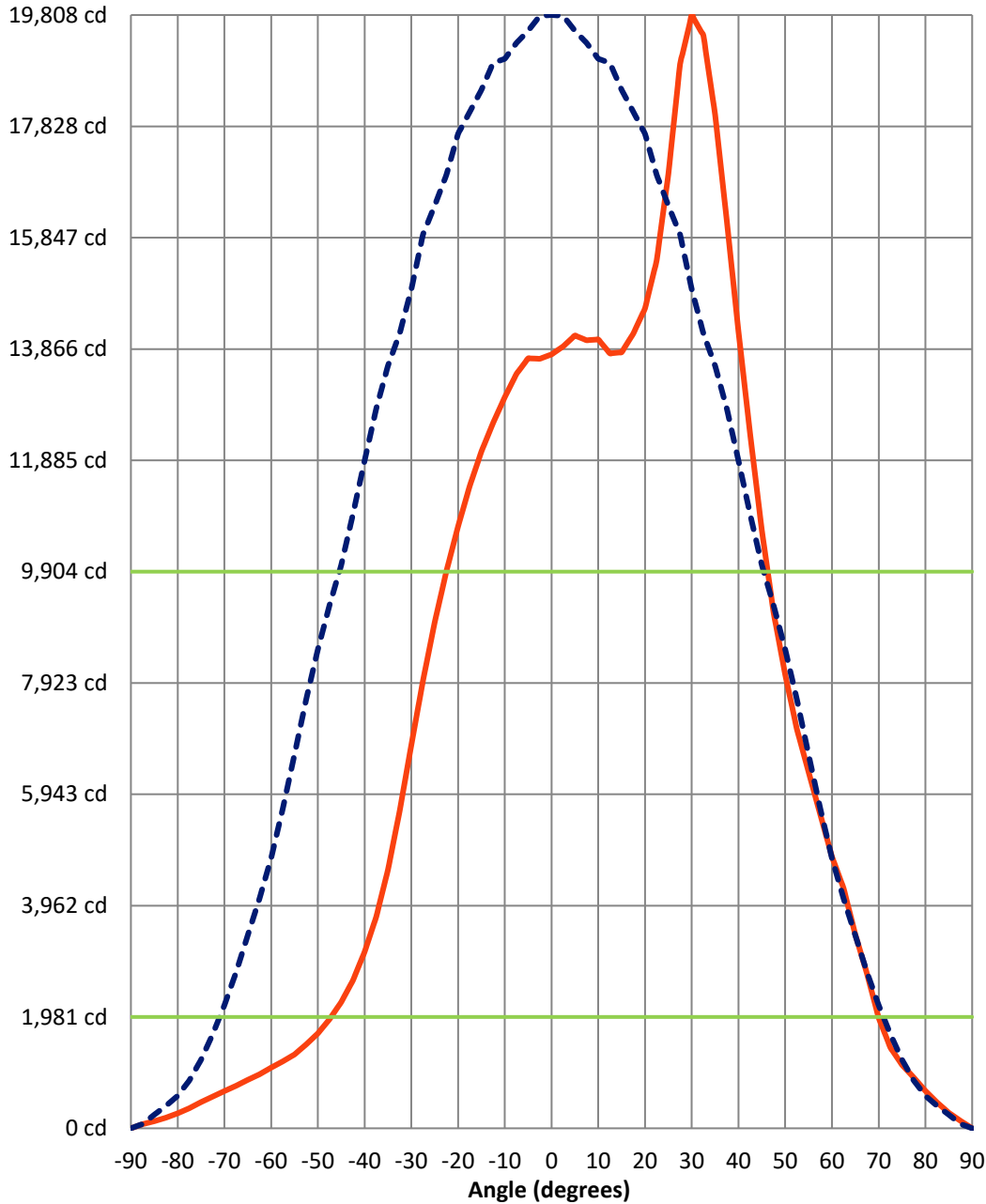
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 19227.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 30986.4
 Efficiency: 93.7%

Spill:
 Lumens: 2078.8
 Efficiency: 6.3%

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



REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-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°	133.1	136.6	140.1	140.1	136.6	136.6	136.6	133.1	136.6	136.6	136.6
85°	276.7	283.7	290.7	287.2	283.7	276.7	269.7	273.2	276.7	280.2	280.2
82.5°	458.9	469.4	476.4	472.9	465.9	458.9	451.9	455.4	462.4	465.9	465.9
80°	665.5	669.0	672.5	679.5	669.0	669.0	665.5	679.5	686.6	693.6	700.6
77.5°	903.7	907.2	907.2	910.7	914.2	917.7	917.7	942.3	959.8	970.3	980.8
75°	1127.9	1138.4	1148.9	1159.4	1173.4	1180.4	1191.0	1226.0	1254.0	1275.0	1296.0
72.5°	1436.2	1450.2	1467.7	1492.2	1516.7	1534.2	1558.8	1600.8	1632.3	1653.3	1677.8
70°	1965.1	1979.1	1996.6	2014.1	2038.6	2056.2	2080.7	2133.2	2164.7	2178.7	2192.8
67.5°	2749.7	2784.7	2816.3	2781.2	2763.7	2739.2	2746.2	2795.2	2826.8	2847.8	2844.3
65°	3446.8	3471.3	3471.3	3467.8	3453.8	3422.2	3439.8	3499.3	3534.3	3551.9	3499.3
62.5°	4266.4	4266.4	4248.9	4276.9	4280.4	4259.4	4248.9	4252.4	4255.9	4266.4	4178.9
60°	4833.9	4868.9	4879.4	4903.9	4910.9	4910.9	4928.5	4942.5	4942.5	4921.4	4819.9
57.5°	5583.5	5650.0	5664.0	5646.5	5611.5	5566.0	5559.0	5537.9	5495.9	5453.9	5404.8
55°	6340.1	6375.1	6371.6	6361.1	6326.1	6273.5	6280.5	6252.5	6186.0	6133.4	6066.9
52.5°	7100.2	7184.3	7198.3	7177.3	7128.2	7072.2	7075.7	7044.2	6977.6	6921.6	6830.5
50°	8070.5	8140.5	8133.5	8098.5	8028.4	7986.4	7989.9	7930.4	7853.3	7835.8	7716.7
47.5°	9180.9	9261.4	9247.4	9198.4	9103.8	9086.3	9103.8	9026.7	8981.2	8942.7	8802.6
45°	10638.0	10732.6	10680.1	10585.5	10434.9	10452.4	10476.9	10462.9	10364.8	10263.2	10084.6
42.5°	12347.4	12407.0	12343.9	12249.3	12060.2	12095.2	12081.2	11997.1	11937.6	11769.4	11541.8
40°	14175.9	14305.5	14207.4	14060.3	13864.1	13916.7	13878.1	13769.6	13629.4	13419.3	13132.0
37.5°	16148.0	16249.5	16137.5	15965.8	15790.7	15773.2	15696.1	15528.0	15328.3	15097.1	14638.2
35°	18036.0	18298.7	18092.0	17818.8	17605.1	17524.6	17451.0	17062.2	16834.5	16459.7	15832.7
32.5°	19440.6	19633.3	19377.6	19093.8	18834.6	18722.5	18463.3	18000.9	17878.3	17090.2	16515.8
30°	19808.4	19794.4	19528.2	19311.0	19030.8	18953.7	18477.3	18085.0	17692.7	16964.1	16417.7
27.5°	18932.7	18845.1	18589.4	18400.3	18123.5	18032.5	17563.1	17352.9	16746.9	16130.4	15668.1
25°	16981.6	17027.2	16834.5	16739.9	16557.8	16361.6	16176.0	15892.3	15513.9	14974.5	14550.7
22.5°	15443.9	15503.4	15422.9	15310.8	15170.7	15062.1	14922.0	14701.3	14337.0	14004.2	13604.9
20°	14589.2	14571.7	14501.6	14417.6	14284.5	14207.4	14053.3	13867.6	13587.4	13300.2	12869.3
17.5°	14140.8	14032.3	13965.7	13934.2	13864.1	13766.0	13583.9	13394.7	13177.6	12851.8	12536.6
15°	13808.1	13825.6	13773.1	13748.5	13692.5	13555.9	13370.2	13216.1	12921.9	12757.2	12470.0
12.5°	13787.1	13769.6	13773.1	13762.5	13692.5	13517.3	13422.8	13226.6	13037.5	12820.3	12491.0
10°	14035.8	13850.1	13864.1	13913.2	13801.1	13661.0	13559.4	13345.7	13167.1	12890.3	12564.6
7.5°	14021.8	13927.2	13955.2	13874.6	13909.7	13738.0	13597.9	13384.2	13160.1	12865.8	12571.6
5°	14105.8	13962.2	13937.7	13944.7	13857.1	13727.5	13538.4	13335.2	13125.0	12795.8	12494.5
2.5°	13913.2	13934.2	13822.1	13780.1	13769.6	13552.4	13377.2	13181.1	12963.9	12673.2	12403.5
0°	13769.6	13808.1	13692.5	13632.9	13629.4	13443.8	13331.7	13107.5	12953.4	12711.7	12385.9
-2.5°	13692.5	13738.0	13752.0	13643.4	13538.4	13394.7	13205.6	12963.9	12711.7	12431.5	12151.3
-5°	13699.5	13608.4	13569.9	13604.9	13513.8	13370.2	13160.1	12946.4	12697.7	12396.4	12046.2
-7.5°	13422.8	13331.7	13324.7	13307.2	13286.2	13149.6	12974.4	12743.2	12491.0	12210.8	11885.0
-10°	13009.4	12942.9	12925.4	12907.9	12851.8	12771.2	12606.6	12396.4	12168.8	11888.5	11541.8
-12.5°	12550.6	12519.0	12452.5	12407.0	12350.9	12256.3	12098.7	11906.1	11678.4	11429.7	11131.9
-15°	12042.7	11983.1	11916.6	11878.0	11797.5	11685.4	11527.8	11349.1	11100.4	10855.2	10575.0
-17.5°	11429.7	11356.1	11282.6	11272.0	11216.0	11044.4	10897.2	10680.1	10462.9	10228.2	9955.0
-20°	10708.1	10606.5	10557.5	10529.4	10452.4	10326.3	10168.7	9969.0	9758.8	9534.7	9219.4



REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9909.5	9821.9	9737.8	9685.3	9618.7	9520.6	9370.0	9194.9	8988.2	8736.0	8445.3
-25°	9002.2	8879.6	8827.1	8767.5	8732.5	8641.4	8494.3	8333.2	8119.5	7874.3	7597.6
-27.5°	7965.4	7867.3	7839.3	7755.2	7713.2	7618.6	7496.0	7345.4	7149.2	6918.1	6690.4
-30°	6820.0	6760.4	6714.9	6630.8	6599.3	6497.7	6417.1	6291.0	6112.4	5947.8	5765.6
-32.5°	5643.0	5583.5	5569.5	5530.9	5509.9	5443.4	5352.3	5261.2	5117.6	4995.0	4847.9
-35°	4599.2	4557.2	4560.7	4557.2	4536.1	4487.1	4375.0	4350.5	4245.4	4133.3	4038.7
-37.5°	3765.5	3769.0	3765.5	3762.0	3734.0	3713.0	3632.4	3600.9	3537.8	3429.3	3373.2
-40°	3138.5	3145.5	3142.0	3135.0	3103.5	3093.0	3040.4	2998.4	2973.9	2896.8	2837.3
-42.5°	2630.6	2641.1	2637.6	2634.1	2613.1	2609.6	2581.6	2532.5	2518.5	2473.0	2409.9
-45°	2245.3	2241.8	2234.8	2241.8	2231.3	2220.8	2203.3	2171.7	2154.2	2133.2	2080.7
-47.5°	1940.6	1944.1	1937.1	1937.1	1923.0	1912.5	1905.5	1884.5	1870.5	1853.0	1821.5
-50°	1688.4	1702.4	1698.9	1695.4	1684.9	1677.8	1677.8	1656.8	1635.8	1628.8	1607.8
-52.5°	1492.2	1502.7	1506.2	1513.2	1516.7	1520.2	1509.7	1488.7	1453.7	1450.2	1439.7
-55°	1313.6	1345.1	1366.1	1380.1	1394.1	1404.6	1383.6	1355.6	1320.6	1306.5	1303.0
-57.5°	1191.0	1222.5	1247.0	1268.0	1285.5	1303.0	1282.0	1254.0	1222.5	1205.0	1201.5
-60°	1078.9	1106.9	1131.4	1159.4	1184.0	1212.0	1201.5	1180.4	1162.9	1148.9	1134.9
-62.5°	959.8	987.8	1015.8	1050.8	1082.4	1110.4	1113.9	1110.4	1106.9	1110.4	1085.9
-65°	861.7	875.7	893.2	931.7	966.8	998.3	1015.8	1026.3	1043.8	1061.4	1036.8
-67.5°	756.6	774.1	795.1	823.2	851.2	872.2	896.7	924.7	952.8	980.8	963.3
-70°	662.0	676.0	693.6	707.6	725.1	739.1	760.1	791.6	823.2	851.2	844.2
-72.5°	564.0	578.0	588.5	595.5	606.0	613.0	623.5	651.5	672.5	686.6	686.6
-75°	465.9	479.9	490.4	493.9	500.9	504.4	511.4	521.9	532.4	535.9	539.4
-77.5°	357.3	371.3	381.8	388.8	395.8	402.8	406.3	413.3	416.8	416.8	420.3
-80°	266.2	276.7	283.7	294.2	297.7	304.7	311.8	315.3	318.8	318.8	322.3
-82.5°	189.2	196.2	203.2	210.2	217.2	220.7	227.7	231.2	234.7	238.2	241.7
-85°	126.1	133.1	140.1	147.1	150.6	154.1	157.6	161.1	164.6	168.1	171.6
-87.5°	73.6	77.1	80.6	87.6	91.1	98.1	101.6	98.1	101.6	101.6	101.6
-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: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-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°	136.6	136.6	136.6	136.6	133.1	126.1	122.6	115.6	108.6	101.6	94.6
85°	283.7	287.2	287.2	287.2	280.2	276.7	266.2	255.7	241.7	220.7	203.2
82.5°	472.9	476.4	476.4	472.9	465.9	455.4	441.4	423.8	395.8	367.8	343.3
80°	711.1	714.6	714.6	711.1	693.6	676.0	658.5	637.5	602.5	564.0	521.9
77.5°	994.8	1001.8	1001.8	991.3	966.8	945.8	917.7	882.7	830.2	774.1	718.1
75°	1324.1	1341.6	1345.1	1334.6	1303.0	1264.5	1219.0	1159.4	1078.9	1008.8	942.3
72.5°	1705.9	1723.4	1737.4	1723.4	1677.8	1625.3	1558.8	1488.7	1408.1	1313.6	1201.5
70°	2206.8	2224.3	2234.8	2189.3	2108.7	2021.1	1940.6	1860.0	1765.4	1649.8	1527.2
67.5°	2837.3	2819.8	2798.7	2707.7	2606.1	2501.0	2388.9	2269.8	2147.2	2024.6	1881.0
65°	3443.3	3394.2	3348.7	3240.1	3110.5	2973.9	2844.3	2711.2	2564.1	2409.9	2273.3
62.5°	4080.8	3975.7	3863.6	3730.5	3597.4	3446.8	3317.2	3159.5	2994.9	2805.8	2630.6
60°	4707.8	4581.7	4469.6	4305.0	4129.8	3926.7	3786.5	3632.4	3439.8	3236.6	3029.9
57.5°	5313.8	5177.2	5054.6	4910.9	4721.8	4501.1	4347.0	4147.3	3944.2	3688.5	3478.3
55°	5958.3	5821.7	5723.6	5562.5	5355.8	5152.6	4984.5	4774.3	4490.6	4217.4	3958.2
52.5°	6697.4	6588.8	6483.7	6319.1	6070.4	5863.7	5678.1	5443.4	5145.6	4809.4	4497.6
50°	7524.0	7468.0	7355.9	7163.2	6879.5	6697.4	6452.2	6140.4	5821.7	5467.9	5079.1
47.5°	8620.4	8529.3	8371.7	8161.5	7923.4	7650.1	7320.9	6956.6	6504.7	6112.4	5699.1
45°	9930.5	9762.3	9559.2	9275.4	8981.2	8673.0	8312.2	7849.8	7243.8	6732.4	6298.1
42.5°	11349.1	11121.4	10844.7	10473.4	10091.6	9713.3	9324.5	8694.0	7937.4	7348.9	6858.5
40°	12830.8	12540.1	12193.3	11653.9	11230.0	10743.1	10298.3	9356.0	8550.4	7912.9	7390.9
37.5°	14281.0	13913.2	13331.7	12676.7	12182.8	11783.5	10806.2	9797.4	9075.8	8375.2	7846.3
35°	15391.4	15079.6	14053.3	13373.7	12949.9	12319.4	11096.9	10063.6	9300.0	8718.5	7895.3
32.5°	16049.9	15244.2	14344.0	13657.5	13307.2	12273.8	11117.9	10140.6	9405.0	8753.5	7769.2
30°	15902.8	14929.0	14140.8	13566.4	12806.3	11878.0	10921.8	10021.5	9307.0	8518.8	7629.1
27.5°	15016.6	14263.4	13559.4	12960.4	12214.3	11380.6	10497.9	9706.3	9040.8	8277.1	7436.5
25°	14014.7	13331.7	12809.8	12287.9	11580.3	10785.2	10007.5	9436.6	8767.5	8014.4	7184.3
22.5°	13093.5	12603.1	12193.3	11646.8	10956.8	10263.2	9779.8	9187.9	8501.3	7737.7	6925.1
20°	12505.0	12172.3	11702.9	11100.4	10557.5	10123.1	9587.2	8960.2	8252.6	7454.0	6704.4
17.5°	12221.3	11836.0	11314.1	10921.8	10504.9	10028.5	9429.6	8764.0	8010.9	7324.4	6728.9
15°	12074.2	11667.9	11324.6	10939.3	10469.9	9969.0	9303.5	8613.4	8010.9	7376.9	6746.4
12.5°	12105.7	11755.4	11380.6	10960.3	10455.9	9920.0	9317.5	8676.5	8053.0	7415.5	6749.9
10°	12203.8	11836.0	11436.7	10970.8	10462.9	9934.0	9356.0	8715.0	8074.0	7433.0	6742.9
7.5°	12238.8	11839.5	11412.2	10942.8	10445.4	9927.0	9363.0	8725.5	8077.5	7429.5	6721.9
5°	12130.2	11769.4	11356.1	10883.2	10396.3	9891.9	9335.0	8711.5	8049.5	7394.4	6669.4
2.5°	11983.1	11692.4	11296.6	10841.2	10347.3	9842.9	9289.5	8648.4	7986.4	7331.4	6602.8
0°	11958.6	11597.8	11198.5	10792.2	10266.7	9734.3	9184.4	8529.3	7870.8	7212.3	6487.2
-2.5°	11797.5	11415.7	11016.3	10575.0	10112.6	9576.7	8998.7	8357.7	7706.2	7058.2	6361.1
-5°	11674.9	11251.0	10827.2	10350.8	9884.9	9349.0	8750.0	8126.5	7489.0	6858.5	6186.0
-7.5°	11510.2	11075.9	10631.0	10133.6	9629.2	9082.8	8490.8	7867.3	7240.3	6613.3	5968.8
-10°	11177.5	10795.7	10378.8	9863.9	9331.5	8785.0	8196.6	7583.6	6956.6	6322.6	5674.6
-12.5°	10774.6	10371.8	9916.5	9443.6	8967.2	8459.3	7870.8	7268.3	6637.8	6000.3	5355.8
-15°	10252.7	9856.9	9391.0	8928.7	8469.8	7982.9	7464.5	6921.6	6280.5	5653.5	5009.0
-17.5°	9601.2	9229.9	8813.1	8371.7	7916.4	7426.0	6921.6	6462.7	5863.7	5275.2	4637.7
-20°	8900.6	8553.9	8179.1	7762.2	7306.9	6827.0	6350.6	5870.7	5352.3	4833.9	4241.9



REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8172.1	7821.8	7443.5	7054.7	6634.3	6189.5	5748.1	5289.2	4833.9	4364.5	3863.6
-25°	7331.4	7023.1	6676.4	6298.1	5923.3	5534.4	5114.1	4697.3	4308.5	3902.1	3492.3
-27.5°	6452.2	6168.5	5853.2	5523.9	5201.7	4875.9	4511.6	4126.3	3804.1	3467.8	3128.0
-30°	5527.4	5299.8	5044.0	4756.8	4508.1	4245.4	3940.7	3621.9	3327.7	3072.0	2798.7
-32.5°	4651.7	4459.1	4276.9	4087.8	3842.6	3639.4	3429.3	3194.6	2935.4	2693.7	2497.5
-35°	3898.6	3692.0	3614.9	3474.8	3299.6	3121.0	2966.9	2798.7	2602.6	2388.9	2227.8
-37.5°	3264.6	3142.0	3033.4	2956.4	2840.8	2697.2	2574.6	2452.0	2301.3	2140.2	1979.1
-40°	2770.7	2686.7	2567.6	2529.0	2455.5	2357.4	2231.3	2136.7	2035.1	1912.5	1775.9
-42.5°	2374.9	2311.9	2234.8	2168.2	2136.7	2066.7	1968.6	1877.5	1796.9	1712.9	1607.8
-45°	2049.1	2007.1	1958.1	1898.5	1874.0	1818.0	1747.9	1646.3	1600.8	1530.7	1453.7
-47.5°	1786.4	1765.4	1730.4	1691.9	1656.8	1614.8	1551.7	1488.7	1425.6	1380.1	1320.6
-50°	1579.8	1565.8	1544.7	1513.2	1467.7	1439.7	1397.6	1341.6	1282.0	1243.5	1201.5
-52.5°	1415.1	1401.1	1387.1	1362.6	1327.6	1299.5	1264.5	1219.0	1169.9	1131.4	1096.4
-55°	1289.0	1268.0	1257.5	1236.5	1208.5	1176.9	1145.4	1113.9	1071.9	1036.8	1001.8
-57.5°	1191.0	1162.9	1148.9	1131.4	1103.4	1071.9	1047.3	1015.8	987.8	949.3	917.7
-60°	1113.9	1082.4	1054.3	1036.8	1012.3	980.8	956.3	931.7	903.7	872.2	833.7
-62.5°	1050.8	1012.3	973.8	952.8	928.2	900.2	875.7	851.2	823.2	791.6	756.6
-65°	991.3	945.8	896.7	875.7	851.2	823.2	791.6	774.1	749.6	721.6	686.6
-67.5°	917.7	868.7	826.7	802.1	777.6	753.1	725.1	707.6	683.0	648.0	613.0
-70°	809.1	777.6	749.6	728.6	707.6	686.6	658.5	630.5	602.5	571.0	539.4
-72.5°	672.5	662.0	658.5	648.0	623.5	599.0	571.0	542.9	518.4	493.9	469.4
-75°	542.9	549.9	556.9	553.4	528.9	504.4	479.9	455.4	437.9	416.8	395.8
-77.5°	430.8	437.9	444.9	444.9	427.3	413.3	395.8	378.3	364.3	346.8	325.8
-80°	332.8	343.3	353.8	360.8	346.8	336.3	322.3	308.2	294.2	280.2	266.2
-82.5°	252.2	262.7	273.2	280.2	269.7	262.7	252.2	241.7	231.2	217.2	206.7
-85°	182.1	189.2	196.2	199.7	192.7	185.6	178.6	171.6	164.6	154.1	147.1
-87.5°	105.1	108.6	112.1	115.6	108.6	101.6	98.1	91.1	87.6	80.6	77.1
-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: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-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°	87.6	80.6	73.6	70.1	63.1	52.5	45.5	38.5	31.5	24.5	21.0
85°	185.6	168.1	147.1	136.6	122.6	108.6	94.6	80.6	66.6	52.5	38.5
82.5°	318.8	297.7	276.7	252.2	220.7	182.1	143.6	119.1	98.1	77.1	59.5
80°	479.9	441.4	406.3	374.8	339.8	290.7	238.2	189.2	133.1	101.6	77.1
77.5°	665.5	620.0	571.0	518.4	462.4	395.8	336.3	273.2	206.7	140.1	98.1
75°	875.7	816.2	749.6	676.0	602.5	514.9	430.8	357.3	280.2	196.2	119.1
72.5°	1110.4	1036.8	956.3	858.2	742.6	641.0	539.4	441.4	350.3	248.7	161.1
70°	1411.6	1296.0	1176.9	1071.9	924.7	763.6	644.5	532.4	416.8	304.7	203.2
67.5°	1733.9	1593.8	1450.2	1296.0	1110.4	921.2	749.6	623.5	486.9	357.3	241.7
65°	2084.2	1909.0	1726.9	1555.2	1299.5	1075.4	882.7	711.1	553.4	406.3	280.2
62.5°	2445.0	2238.3	2028.1	1803.9	1509.7	1233.0	1008.8	809.1	616.5	451.9	315.3
60°	2830.3	2588.6	2332.9	2052.6	1709.4	1404.6	1127.9	910.7	683.0	497.4	353.8
57.5°	3236.6	2973.9	2672.6	2294.3	1916.0	1569.3	1264.5	1001.8	742.6	539.4	381.8
55°	3678.0	3376.7	3047.4	2546.5	2119.2	1733.9	1401.1	1092.9	805.6	574.5	409.8
52.5°	4154.3	3804.1	3387.2	2812.8	2332.9	1902.0	1527.2	1173.4	865.2	613.0	434.3
50°	4686.8	4245.4	3685.0	3058.0	2518.5	2059.7	1653.3	1261.0	914.2	655.0	455.4
47.5°	5240.2	4763.8	3951.2	3285.6	2707.7	2213.8	1782.9	1338.1	963.3	690.1	476.4
45°	5818.2	5124.6	4227.9	3488.8	2872.3	2353.9	1881.0	1408.1	1022.8	721.6	493.9
42.5°	6389.1	5397.8	4469.6	3692.0	3026.4	2480.0	1961.6	1474.7	1071.9	753.1	511.4
40°	6658.8	5604.5	4662.2	3832.1	3156.0	2592.1	2031.6	1534.2	1113.9	774.1	528.9
37.5°	6770.9	5730.6	4788.3	3965.2	3257.6	2651.6	2091.2	1586.8	1148.9	795.1	542.9
35°	6795.5	5776.1	4851.4	4056.3	3341.7	2707.7	2136.7	1625.3	1176.9	816.2	556.9
32.5°	6749.9	5762.1	4868.9	4087.8	3394.2	2749.7	2168.2	1653.3	1198.0	837.2	571.0
30°	6648.3	5688.6	4805.9	4084.3	3432.8	2774.2	2189.3	1674.3	1219.0	851.2	578.0
27.5°	6483.7	5559.0	4725.3	4087.8	3453.8	2784.7	2199.8	1684.9	1233.0	861.7	592.0
25°	6280.5	5383.8	4728.8	4080.8	3457.3	2788.2	2199.8	1684.9	1236.5	865.2	602.5
22.5°	6045.9	5383.8	4728.8	4070.3	3436.3	2781.2	2189.3	1677.8	1236.5	872.2	613.0
20°	6059.9	5387.3	4718.3	4049.2	3404.7	2760.2	2164.7	1660.3	1226.0	882.7	620.0
17.5°	6070.4	5380.3	4697.3	4021.2	3362.7	2725.2	2133.2	1635.8	1226.0	893.2	623.5
15°	6070.4	5359.3	4665.7	3979.2	3310.2	2676.1	2087.7	1614.8	1229.5	896.7	630.5
12.5°	6059.9	5320.8	4616.7	3923.1	3247.1	2616.6	2059.7	1607.8	1229.5	900.2	630.5
10°	6038.8	5268.2	4553.7	3853.1	3187.6	2595.6	2045.6	1593.8	1222.5	900.2	630.5
7.5°	6000.3	5205.2	4501.1	3811.1	3152.5	2571.1	2024.6	1572.8	1212.0	893.2	637.5
5°	5940.8	5170.1	4459.1	3762.0	3103.5	2553.5	2010.6	1555.2	1205.0	893.2	630.5
2.5°	5863.7	5128.1	4410.0	3699.0	3047.4	2494.0	1965.1	1516.7	1180.4	879.2	623.5
0°	5737.6	5044.0	4326.0	3611.4	2970.4	2434.5	1919.5	1478.2	1155.9	865.2	616.5
-2.5°	5622.0	4932.0	4217.4	3520.3	2896.8	2381.9	1884.5	1457.2	1145.4	861.7	613.0
-5°	5460.9	4777.8	4073.8	3401.2	2798.7	2329.4	1849.5	1432.6	1134.9	854.7	613.0
-7.5°	5282.2	4616.7	3923.1	3278.6	2700.7	2238.3	1782.9	1394.1	1110.4	840.7	609.5
-10°	5005.5	4375.0	3734.0	3138.5	2595.6	2157.7	1726.9	1359.1	1089.4	826.7	595.5
-12.5°	4711.3	4108.8	3516.8	2966.9	2476.5	2073.7	1663.8	1320.6	1064.9	812.7	588.5
-15°	4399.5	3835.6	3289.1	2788.2	2346.9	1972.1	1597.3	1278.5	1040.3	795.1	578.0
-17.5°	4073.8	3548.3	3054.5	2606.1	2217.3	1867.0	1527.2	1240.0	1012.3	777.6	567.5
-20°	3730.5	3254.1	2816.3	2420.4	2080.7	1761.9	1453.7	1194.5	980.8	756.6	553.4



REPORT NUMBER: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3390.7	2963.4	2571.1	2238.3	1940.6	1653.3	1380.1	1148.9	945.8	732.1	542.9
-25°	3089.5	2690.2	2353.9	2063.2	1803.9	1548.2	1303.0	1103.4	907.2	707.6	528.9
-27.5°	2795.2	2455.5	2140.2	1898.5	1670.8	1446.7	1229.5	1054.3	868.7	679.5	514.9
-30°	2522.0	2231.3	1972.1	1737.4	1544.7	1355.6	1166.4	1005.3	826.7	651.5	497.4
-32.5°	2273.3	2038.6	1821.5	1597.3	1425.6	1264.5	1106.9	956.3	784.6	623.5	479.9
-35°	2042.1	1860.0	1670.8	1481.7	1306.5	1180.4	1043.8	903.7	746.1	592.0	462.4
-37.5°	1835.5	1688.4	1537.7	1376.6	1226.0	1099.9	984.3	851.2	707.6	564.0	444.9
-40°	1656.8	1537.7	1404.6	1275.0	1148.9	1029.8	924.7	798.6	669.0	542.9	427.3
-42.5°	1492.2	1401.1	1292.5	1184.0	1071.9	966.8	865.2	742.6	630.5	518.4	409.8
-45°	1366.1	1275.0	1187.5	1089.4	994.8	903.7	802.1	693.6	595.5	490.4	392.3
-47.5°	1247.0	1166.4	1085.9	1005.3	928.2	844.2	742.6	651.5	556.9	465.9	378.3
-50°	1141.9	1064.9	994.8	924.7	858.2	777.6	683.0	609.5	525.4	441.4	360.8
-52.5°	1043.8	977.3	907.2	851.2	795.1	714.6	637.5	567.5	493.9	413.3	343.3
-55°	956.3	893.2	830.2	777.6	725.1	655.0	592.0	532.4	462.4	392.3	325.8
-57.5°	872.2	819.7	760.1	711.1	658.5	602.5	549.9	493.9	430.8	371.3	308.2
-60°	795.1	746.1	693.6	644.5	599.0	553.4	504.4	458.9	402.8	346.8	290.7
-62.5°	718.1	676.0	630.5	581.5	546.4	504.4	465.9	420.3	374.8	325.8	259.2
-65°	648.0	609.5	567.5	525.4	493.9	462.4	427.3	385.3	346.8	301.2	231.2
-67.5°	578.0	542.9	507.9	472.9	444.9	420.3	385.3	353.8	322.3	273.2	203.2
-70°	511.4	483.4	451.9	423.8	402.8	374.8	350.3	322.3	294.2	238.2	171.6
-72.5°	448.4	420.3	395.8	374.8	357.3	332.8	311.8	290.7	252.2	199.7	143.6
-75°	374.8	357.3	343.3	325.8	308.2	290.7	273.2	248.7	210.2	161.1	112.1
-77.5°	308.2	297.7	287.2	273.2	259.2	245.2	224.2	199.7	168.1	126.1	91.1
-80°	252.2	241.7	234.7	220.7	210.2	196.2	175.1	154.1	122.6	98.1	73.6
-82.5°	192.7	185.6	178.6	171.6	161.1	147.1	126.1	108.6	91.1	73.6	56.0
-85°	136.6	133.1	126.1	119.1	108.6	98.1	84.1	73.6	63.1	49.0	38.5
-87.5°	70.1	66.6	63.1	59.5	56.0	49.0	42.0	35.0	31.5	24.5	17.5
-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: P722217
 CATALOG NUMBER: IFLD-L-SA8B-830-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.0	10.5	3.5	0.0
85°	28.0	17.5	7.0	0.0
82.5°	42.0	28.0	10.5	0.0
80°	56.0	35.0	17.5	0.0
77.5°	70.1	42.0	21.0	0.0
75°	84.1	52.5	24.5	0.0
72.5°	94.6	59.5	28.0	0.0
70°	112.1	70.1	31.5	0.0
67.5°	140.1	77.1	35.0	0.0
65°	164.6	84.1	38.5	0.0
62.5°	192.7	91.1	42.0	0.0
60°	217.2	98.1	45.5	0.0
57.5°	241.7	115.6	49.0	0.0
55°	262.7	129.6	52.5	0.0
52.5°	287.2	143.6	56.0	0.0
50°	308.2	157.6	59.5	0.0
47.5°	325.8	171.6	59.5	0.0
45°	339.8	182.1	63.1	0.0
42.5°	350.3	192.7	66.6	0.0
40°	360.8	203.2	70.1	0.0
37.5°	371.3	213.7	70.1	0.0
35°	381.8	224.2	73.6	0.0
32.5°	392.3	234.7	73.6	0.0
30°	399.3	241.7	77.1	0.0
27.5°	409.8	248.7	77.1	0.0
25°	413.3	255.7	80.6	0.0
22.5°	420.3	259.2	80.6	0.0
20°	427.3	266.2	80.6	0.0
17.5°	430.8	269.7	84.1	0.0
15°	430.8	273.2	87.6	0.0
12.5°	434.3	276.7	87.6	0.0
10°	434.3	283.7	84.1	0.0
7.5°	441.4	280.2	84.1	0.0
5°	437.9	280.2	84.1	0.0
2.5°	434.3	276.7	84.1	0.0
0°	430.8	276.7	84.1	0.0
-2.5°	430.8	276.7	84.1	0.0
-5°	430.8	276.7	84.1	0.0
-7.5°	427.3	280.2	84.1	0.0
-10°	420.3	280.2	84.1	0.0
-12.5°	416.8	269.7	84.1	0.0
-15°	413.3	266.2	84.1	0.0
-17.5°	406.3	262.7	80.6	0.0
-20°	399.3	259.2	80.6	0.0



REPORT NUMBER: P722217

CATALOG NUMBER: IFLD-L-SA8B-830-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	392.3	252.2	80.6	0.0
-25°	385.3	245.2	77.1	0.0
-27.5°	378.3	238.2	77.1	0.0
-30°	367.8	231.2	73.6	0.0
-32.5°	357.3	224.2	73.6	0.0
-35°	350.3	213.7	70.1	0.0
-37.5°	339.8	203.2	70.1	0.0
-40°	329.3	192.7	66.6	0.0
-42.5°	318.8	182.1	63.1	0.0
-45°	304.7	171.6	63.1	0.0
-47.5°	294.2	161.1	59.5	0.0
-50°	276.7	147.1	56.0	0.0
-52.5°	255.7	133.1	52.5	0.0
-55°	234.7	122.6	49.0	0.0
-57.5°	213.7	108.6	49.0	0.0
-60°	192.7	94.6	45.5	0.0
-62.5°	171.6	87.6	42.0	0.0
-65°	150.6	80.6	38.5	0.0
-67.5°	126.1	70.1	35.0	0.0
-70°	105.1	63.1	31.5	0.0
-72.5°	91.1	56.0	28.0	0.0
-75°	77.1	49.0	24.5	0.0
-77.5°	66.6	42.0	21.0	0.0
-80°	52.5	31.5	14.0	0.0
-82.5°	38.5	24.5	10.5	0.0
-85°	24.5	17.5	7.0	0.0
-87.5°	14.0	7.0	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)