

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: P722654

Luminaire Tested: **IFLD-L-SA8D-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722654
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36089 lumens	Max Intensity:	25194.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	73.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	23023.2 lumens	Field Lumens:	34023.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

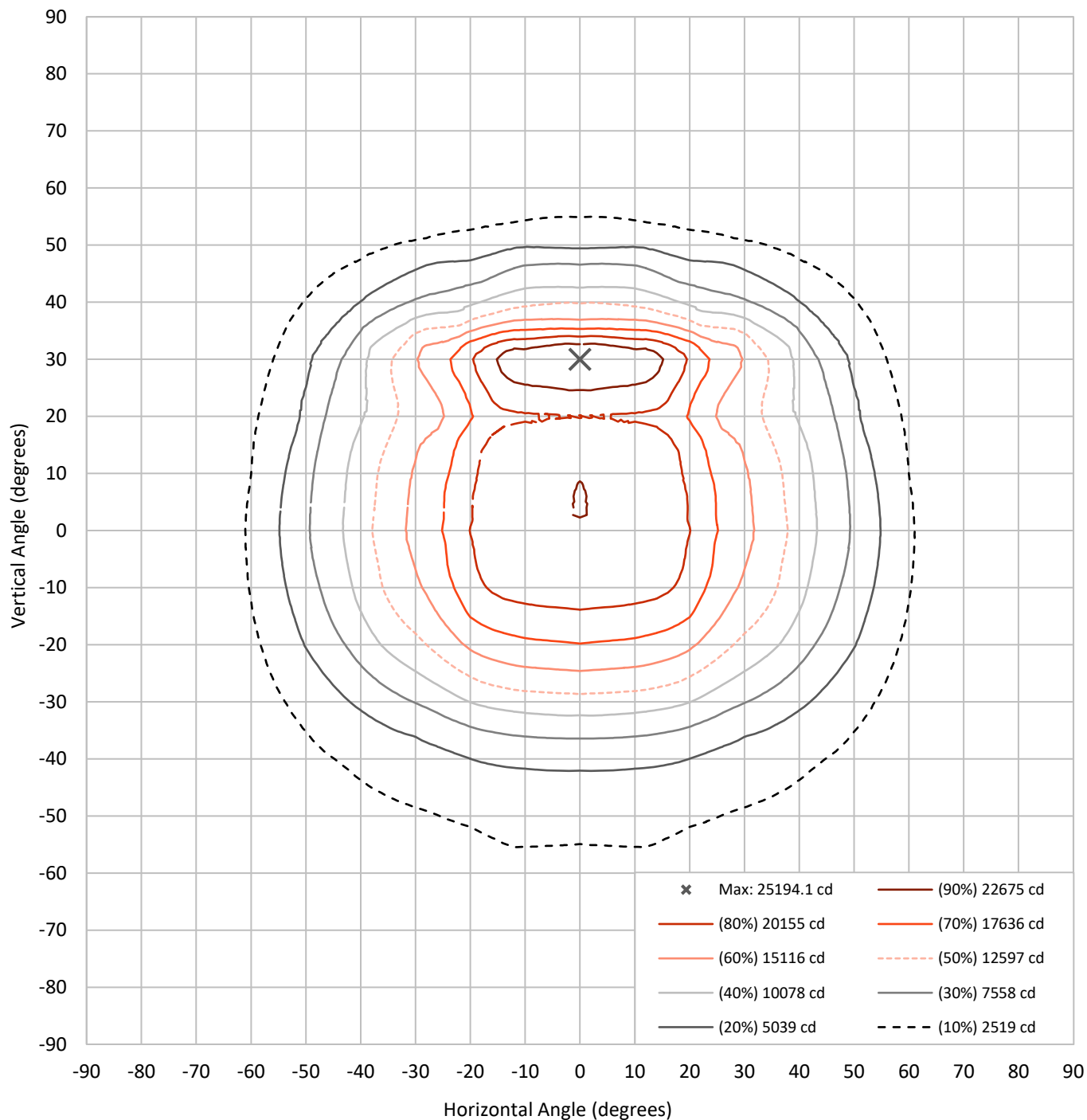
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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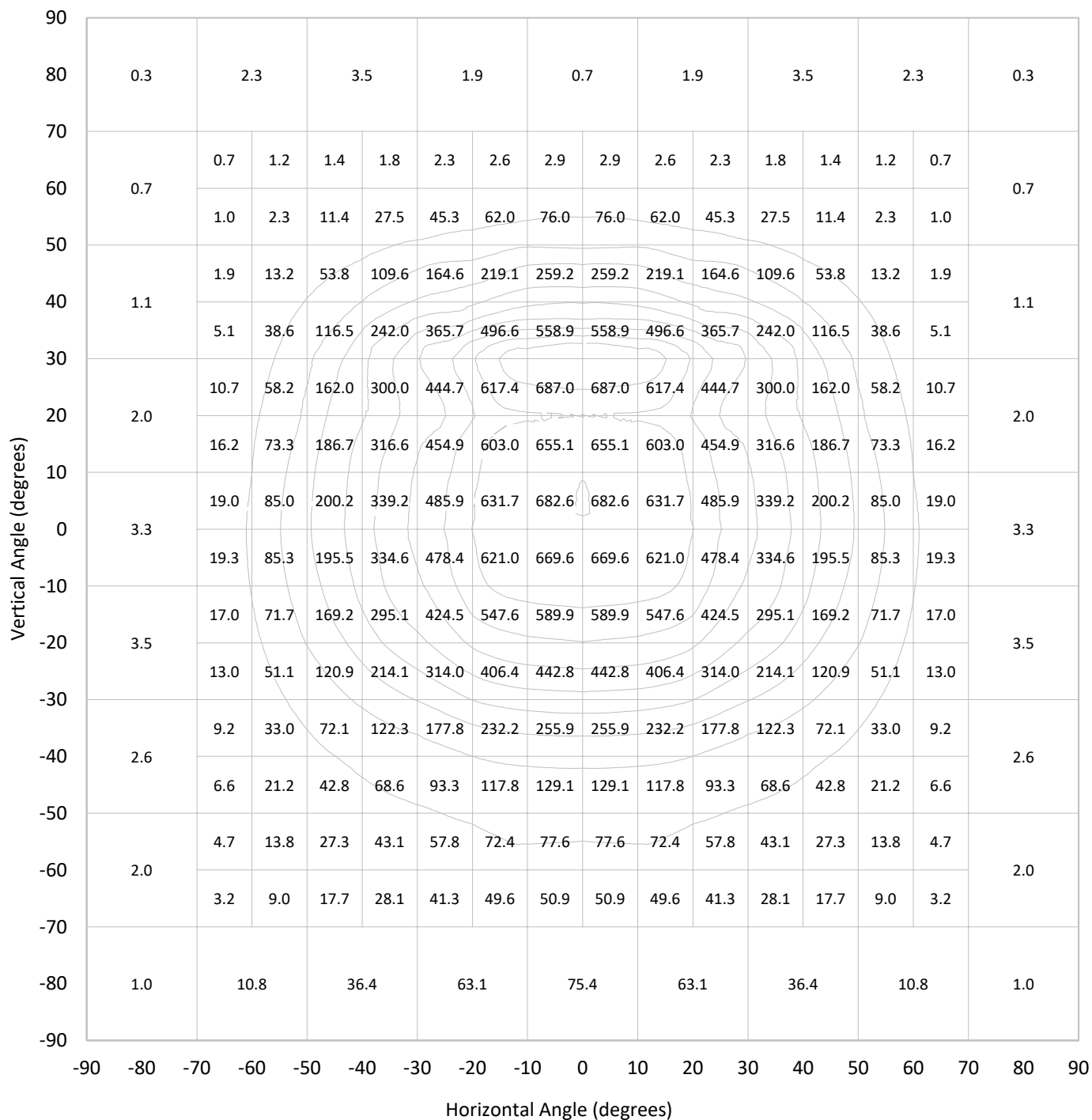
Iso-Candela Plot



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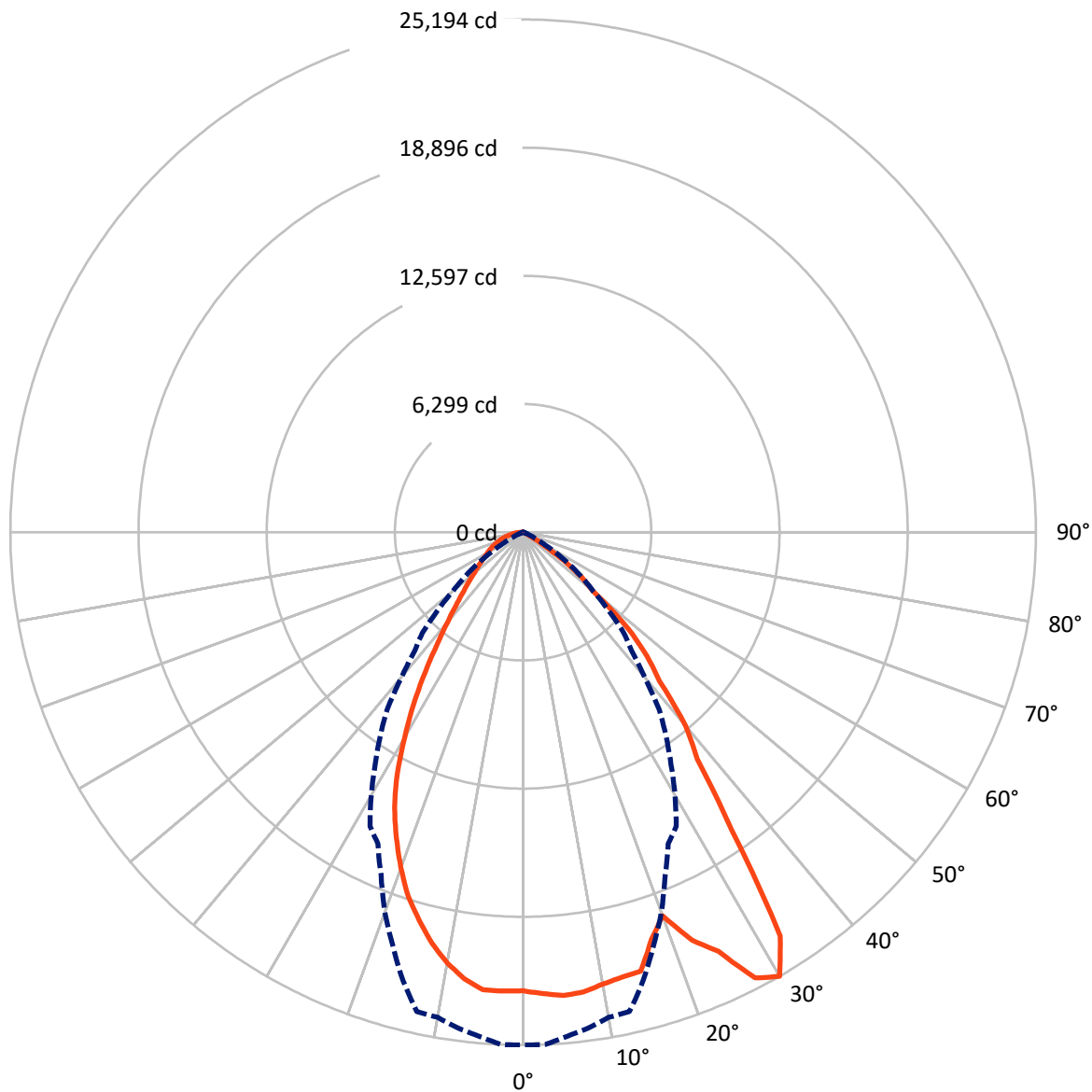
Lumen Table



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Luminous Intensity Polar Plot

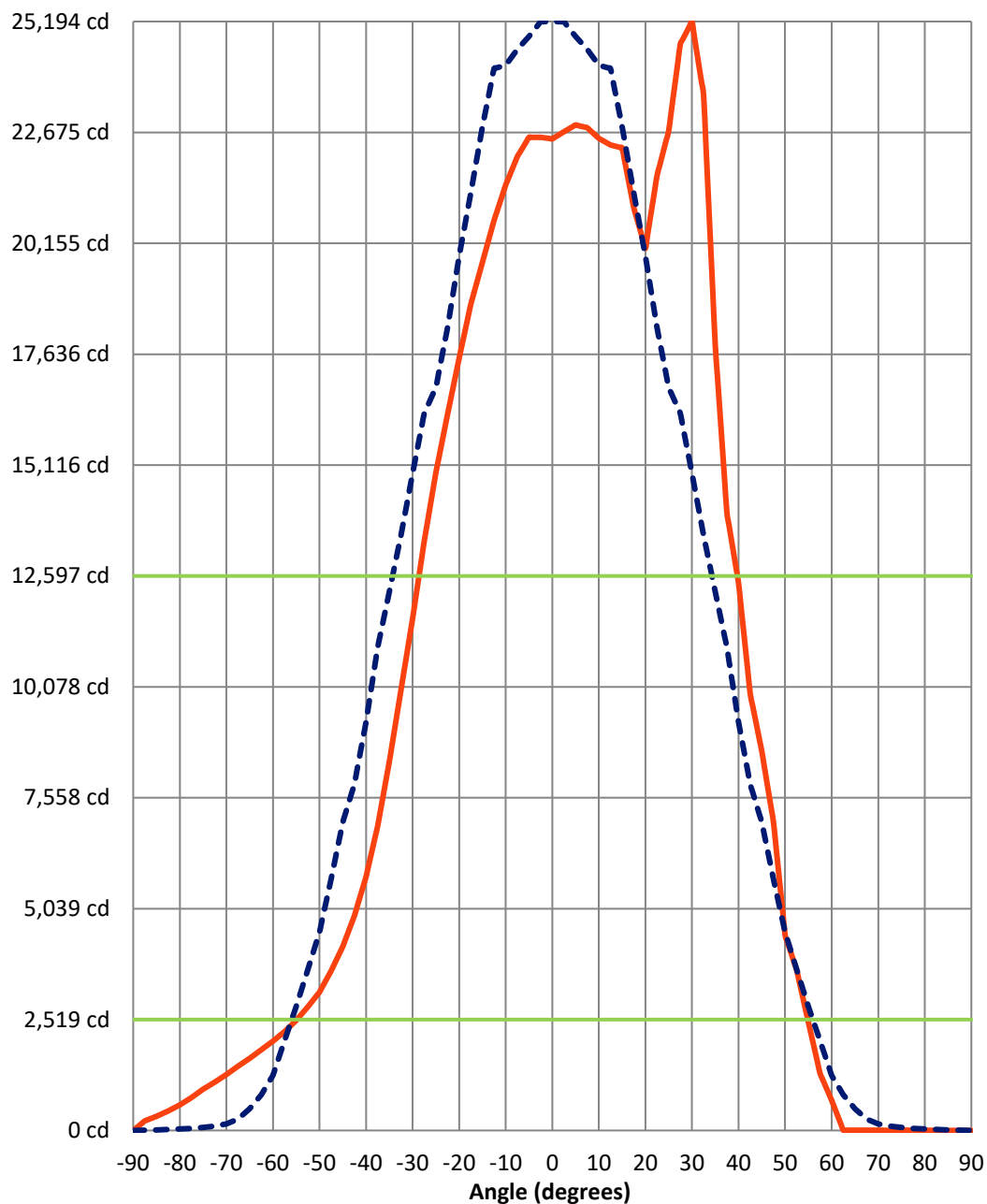


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23023.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34023.8

Efficiency: 94.3%

Spill:

Lumens: 2065.2

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	11.5	11.5	17.2
82.5°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	17.2	17.2	23.0
80°	5.7	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	23.0	23.0
77.5°	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	23.0	23.0	28.7
75°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	28.7
72.5°	0.0	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	23.0
70°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	23.0	23.0	23.0
67.5°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	23.0	23.0	23.0	28.7
65°	5.7	5.7	5.7	11.5	17.2	17.2	23.0	28.7	28.7	34.5	40.2
62.5°	5.7	11.5	11.5	17.2	23.0	28.7	63.2	97.7	97.7	68.9	57.5
60°	683.7	741.2	735.4	666.5	580.3	488.4	471.1	453.9	419.4	367.7	385.0
57.5°	1298.5	1367.4	1396.2	1378.9	1333.0	1252.5	1206.6	1154.9	1085.9	1005.5	913.5
55°	2459.1	2487.8	2424.6	2304.0	2171.8	2039.7	1993.7	1924.8	1821.3	1717.9	1580.0
52.5°	3636.9	3734.6	3705.9	3585.2	3407.1	3171.5	2913.0	2711.9	2591.2	2476.3	2338.4
50°	4441.3	4481.5	4561.9	4705.6	4757.3	4596.4	4177.0	3636.9	3252.0	3447.3	3297.9
47.5°	7009.5	7210.6	7170.4	7067.0	6894.6	6458.0	5871.9	5389.3	4987.1	4855.0	4877.9
45°	8612.5	8693.0	8664.2	8618.3	8537.8	8129.9	7480.7	6739.5	6366.0	6216.7	6061.5
42.5°	9928.3	10014.4	10031.7	10037.4	9951.2	9577.8	8991.7	8250.6	7877.1	7446.2	7107.2
40°	12439.1	12565.5	12421.8	12232.2	11944.9	11519.8	10945.2	10261.5	9600.8	9072.2	8670.0
37.5°	14042.1	14197.2	14254.6	14243.2	14180.0	13996.1	13289.4	12640.2	11628.9	10445.4	10657.9
35°	17845.6	18006.5	17960.5	17788.1	17696.2	17500.9	16811.4	16041.5	14771.7	13484.7	13140.0
32.5°	23516.4	23866.9	23211.9	22493.7	22051.3	22206.4	21505.5	19621.0	19034.9	16713.7	15639.3
30°	25194.1	25188.4	24855.1	24562.1	24200.1	24125.5	22804.0	21298.7	19862.3	18236.3	16880.3
27.5°	24682.8	24579.3	24297.8	24085.2	23746.2	23568.1	22275.4	21080.3	19419.9	17966.3	16656.3
25°	22712.1	22792.5	22505.2	22465.0	22332.8	21988.1	21344.6	20000.2	18517.8	16909.1	15966.8
22.5°	21695.1	21666.4	21321.6	21120.5	21281.4	20913.7	20655.2	19299.2	17753.7	16397.7	15265.9
20°	20040.4	20046.1	19959.9	19942.7	19845.0	19678.4	19471.6	18512.1	17420.4	16259.8	14898.1
17.5°	20965.4	21201.0	21304.4	20448.3	20689.6	20500.0	20281.7	18943.0	18121.4	17092.9	15317.6
15°	22321.4	22235.2	22131.8	22085.8	21953.6	21775.5	21379.1	20310.4	18897.0	17834.1	16449.4
12.5°	22390.3	22223.7	22183.5	22177.7	22039.8	21792.8	21407.8	20523.0	19270.5	17977.7	16851.6
10°	22539.7	22367.3	22344.3	22373.1	22160.5	22005.4	21620.4	20798.8	19385.4	18224.8	17161.9
7.5°	22781.0	22493.7	22625.9	22539.7	22442.0	22195.0	21781.3	20976.9	19804.8	18552.3	17437.7
5°	22844.2	22528.2	22671.8	22591.4	22447.8	22206.4	21758.3	21091.8	20063.4	18684.4	17546.8
2.5°	22689.1	22597.1	22533.9	22384.6	22321.4	22057.1	21631.9	20919.5	19942.7	18627.0	17523.8
0°	22528.2	22608.6	22465.0	22315.6	22286.9	22074.3	21712.3	21068.8	20224.2	18787.9	17719.2
-2.5°	22562.7	22499.5	22401.8	22246.7	22097.3	21792.8	21465.3	20862.0	19954.2	18437.4	17443.4
-5°	22562.7	22269.6	22281.1	22286.9	22137.5	21821.5	21425.1	20913.7	19793.3	18431.6	17363.0
-7.5°	22126.0	21873.2	21833.0	21798.5	21758.3	21465.3	21155.0	20517.3	19523.3	18282.3	17138.9
-10°	21482.5	21235.5	21258.4	21206.7	21080.3	20885.0	20649.4	20074.9	19259.0	17811.1	16685.0
-12.5°	20678.1	20569.0	20505.8	20419.6	20293.2	20120.8	19879.5	19339.4	18466.1	17230.8	16162.2
-15°	19724.4	19643.9	19586.5	19534.8	19350.9	19172.8	18856.8	18356.9	17811.1	16483.9	15392.3
-17.5°	18770.6	18569.5	18489.1	18420.1	18299.5	18012.2	17724.9	17351.5	16587.3	15535.9	14599.4
-20°	17546.8	17426.2	17328.5	17236.6	17064.2	16840.1	16604.6	16173.6	15512.9	14662.6	13691.6

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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°	16265.6	16196.6	16116.2	16001.3	15886.4	15673.8	15346.3	14932.6	14415.5	13496.2	12588.4
-25°	14944.1	14812.0	14714.3	14605.1	14513.2	14317.8	14001.8	13605.4	12956.2	12163.3	11404.9
-27.5°	13387.1	13260.7	13209.0	13082.6	13002.1	12824.0	12508.0	12140.3	11554.2	10887.8	10117.9
-30°	11628.9	11651.9	11594.5	11473.8	11376.1	11146.3	10905.0	10594.7	10135.1	9497.4	8807.9
-32.5°	10003.0	10031.7	9962.7	9836.3	9709.9	9543.3	9319.2	9037.7	8693.0	8084.0	7486.4
-35°	8377.0	8365.5	8308.0	8233.3	8147.2	8009.3	7756.5	7543.9	7147.4	6722.3	6308.6
-37.5°	6917.6	6946.3	6929.1	6888.9	6791.2	6676.3	6469.5	6274.1	5981.1	5607.6	5285.9
-40°	5762.8	5797.2	5774.3	5734.0	5647.8	5578.9	5441.0	5268.6	5033.1	4711.3	4441.3
-42.5°	4877.9	4900.9	4872.2	4837.7	4763.0	4711.3	4602.2	4458.5	4263.2	4016.1	3774.8
-45°	4177.0	4182.7	4154.0	4131.0	4073.6	4010.4	3918.4	3803.5	3648.4	3476.0	3280.7
-47.5°	3625.4	3619.7	3591.0	3568.0	3522.0	3464.6	3389.9	3286.4	3165.8	3033.6	2878.5
-50°	3142.8	3171.5	3160.0	3137.1	3102.6	3062.4	2987.7	2878.5	2757.9	2660.2	2551.0
-52.5°	2809.6	2815.3	2809.6	2809.6	2803.8	2775.1	2688.9	2579.7	2447.6	2361.4	2269.5
-55°	2499.3	2528.0	2539.5	2551.0	2556.8	2556.8	2453.3	2338.4	2212.0	2125.8	2056.9
-57.5°	2246.5	2263.7	2275.2	2304.0	2326.9	2344.2	2252.2	2148.8	2051.2	1970.7	1907.5
-60°	2028.2	2051.2	2068.4	2097.1	2114.4	2125.8	2068.4	1999.4	1942.0	1890.3	1798.3
-62.5°	1832.8	1850.1	1867.3	1884.5	1901.8	1913.3	1890.3	1855.8	1827.1	1804.1	1689.2
-65°	1637.5	1654.7	1671.9	1694.9	1712.2	1723.7	1717.9	1694.9	1671.9	1649.0	1545.5
-67.5°	1459.4	1476.6	1499.6	1505.3	1516.8	1522.6	1511.1	1493.8	1465.1	1436.4	1355.9
-70°	1269.8	1281.3	1292.7	1292.7	1292.7	1287.0	1275.5	1252.5	1223.8	1183.6	1120.4
-72.5°	1097.4	1108.9	1120.4	1103.1	1091.6	1074.4	1057.2	1028.4	999.7	971.0	936.5
-75°	936.5	942.3	942.3	919.3	902.0	884.8	861.8	844.6	815.9	792.9	764.2
-77.5°	746.9	746.9	746.9	729.7	718.2	706.7	689.5	672.2	649.2	632.0	609.0
-80°	580.3	580.3	580.3	574.6	557.3	545.8	534.3	522.8	505.6	494.1	482.6
-82.5°	442.4	442.4	442.4	436.7	425.2	419.4	407.9	396.4	390.7	379.2	373.5
-85°	321.7	327.5	327.5	321.7	316.0	304.5	298.8	293.0	287.3	281.5	270.0
-87.5°	218.3	218.3	218.3	212.6	206.8	206.8	201.1	189.6	178.1	172.4	166.6
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.2	17.2	17.2	23.0	23.0	23.0	23.0	23.0	23.0	23.0	17.2
82.5°	28.7	28.7	34.5	34.5	40.2	40.2	40.2	40.2	40.2	40.2	40.2
80°	28.7	34.5	40.2	46.0	51.7	57.5	57.5	57.5	57.5	51.7	51.7
77.5°	34.5	34.5	40.2	46.0	51.7	57.5	63.2	68.9	63.2	63.2	63.2
75°	34.5	40.2	40.2	46.0	51.7	57.5	63.2	68.9	68.9	68.9	68.9
72.5°	28.7	34.5	40.2	46.0	46.0	51.7	57.5	57.5	63.2	63.2	68.9
70°	28.7	34.5	40.2	40.2	46.0	46.0	51.7	57.5	57.5	63.2	63.2
67.5°	34.5	40.2	40.2	46.0	51.7	51.7	51.7	57.5	57.5	63.2	63.2
65°	40.2	46.0	46.0	51.7	57.5	57.5	63.2	63.2	63.2	68.9	68.9
62.5°	68.9	68.9	68.9	63.2	68.9	68.9	68.9	74.7	74.7	68.9	74.7
60°	356.2	258.5	178.1	224.1	201.1	91.9	91.9	91.9	86.2	86.2	80.4
57.5°	838.8	781.4	672.2	568.8	511.4	453.9	281.5	114.9	114.9	103.4	91.9
55°	1401.9	1212.3	1131.9	994.0	844.6	775.6	643.5	436.7	206.8	137.9	120.7
52.5°	2171.8	1993.7	1786.9	1505.3	1304.2	1143.4	1034.2	821.6	551.6	293.0	183.9
50°	2907.2	2826.8	2700.4	2424.6	2005.2	1735.1	1557.0	1315.7	988.2	603.3	344.7
47.5°	4682.6	4010.4	3602.4	3389.9	3039.4	2528.0	2183.3	1913.3	1516.8	1017.0	609.0
45°	5894.9	5469.7	4820.5	4372.3	3855.2	3315.2	2867.0	2556.8	2085.6	1522.6	953.8
42.5°	6934.8	6567.1	5981.1	5326.1	4780.3	4073.6	3499.0	3091.1	2694.7	2079.9	1424.9
40°	8273.6	7836.9	7273.8	6636.1	5998.3	5096.3	4165.5	3671.4	3234.7	2688.9	1924.8
37.5°	10479.8	9709.9	8790.7	8084.0	7250.9	6486.7	5211.2	4337.9	3820.8	3252.0	2510.8
35°	13134.3	12289.7	10755.6	9819.1	8704.5	7566.9	6417.7	5125.0	4389.6	3786.3	3050.9
32.5°	15604.8	14369.6	12404.6	11307.2	10566.0	8468.9	7279.6	6159.2	4975.6	4234.5	3361.1
30°	16288.6	14926.9	13519.2	12238.0	10973.9	9279.0	7871.4	6998.0	5711.1	4504.5	3654.2
27.5°	15599.1	14662.6	13570.9	12381.6	11014.2	9560.6	8233.3	7400.2	6251.1	4688.3	3884.0
25°	14898.1	13921.4	13157.2	12163.3	10899.3	9543.3	8244.8	7653.0	6670.6	5044.6	4010.4
22.5°	14157.0	13547.9	12915.9	11807.1	10612.0	9595.0	8618.3	7871.4	6888.9	5446.8	4062.1
20°	14197.2	13800.7	13105.5	11623.2	10560.3	9899.5	9066.4	8147.2	7124.4	5797.2	4102.3
17.5°	14840.7	14323.6	13450.3	12163.3	11025.7	10209.8	9439.9	8526.4	7365.8	6107.5	4590.7
15°	15633.6	14846.4	13932.9	12801.0	11514.0	10548.8	9727.2	8790.7	7641.5	6394.8	5027.3
12.5°	16208.1	15087.7	14231.7	13209.0	12042.6	10916.5	9916.8	8991.7	7900.1	6630.3	5354.8
10°	16403.5	15386.5	14375.3	13461.8	12312.7	11111.8	10060.4	9118.1	8124.2	6814.2	5596.1
7.5°	16506.9	15645.1	14473.0	13576.7	12473.5	11232.5	10175.3	9187.1	8302.3	6940.6	5751.3
5°	16495.4	15783.0	14547.7	13611.1	12559.7	11284.2	10255.8	9204.3	8428.7	7049.8	5843.2
2.5°	16443.7	15874.9	14668.3	13668.6	12732.1	11381.9	10410.9	9238.8	8474.6	7170.4	5906.4
0°	16633.3	15880.6	14794.7	13685.8	12847.0	11416.4	10479.8	9210.1	8411.4	7204.9	5900.7
-2.5°	16225.4	15541.6	14766.0	13536.5	12691.9	11335.9	10353.4	9118.1	8273.6	7164.7	5877.7
-5°	16156.4	15294.6	14524.7	13398.6	12433.3	11169.3	10117.9	8945.8	8055.2	7032.5	5785.7
-7.5°	15972.6	15059.0	14289.1	13289.4	12192.0	10996.9	9893.8	8767.7	7819.7	6825.7	5653.6
-10°	15570.4	14697.0	14036.3	13053.8	11899.0	10749.9	9623.8	8532.1	7543.9	6544.2	5446.8
-12.5°	14995.8	14122.5	13467.5	12554.0	11531.3	10416.6	9302.0	8227.6	7227.9	6245.4	5199.7
-15°	14346.6	13461.8	12806.8	11973.7	10985.4	9899.5	8894.1	7842.6	6865.9	5929.4	4906.7
-17.5°	13611.1	12772.3	12140.3	11330.2	10347.7	9313.5	8313.8	7360.0	6446.5	5601.9	4567.7
-20°	12760.8	11944.9	11364.6	10554.5	9652.5	8647.0	7676.0	6774.0	5952.4	5159.5	4194.2

REPORT NUMBER: P722654

CATALOG NUMBER: IFLD-L-SA8D-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11709.4	10991.2	10330.5	9606.5	8819.4	7900.1	6998.0	6199.4	5412.3	4636.6	3809.3
-25°	10635.0	9939.8	9296.3	8635.5	7882.9	7090.0	6320.1	5596.1	4826.2	4125.3	3435.8
-27.5°	9439.9	8819.4	8244.8	7635.8	6946.3	6262.6	5630.6	4923.9	4257.4	3659.9	3068.1
-30°	8164.4	7658.8	7158.9	6618.8	6061.5	5487.0	4923.9	4257.4	3734.6	3257.7	2757.9
-32.5°	6940.6	6486.7	6084.5	5682.3	5199.7	4728.6	4228.7	3734.6	3297.9	2878.5	2459.1
-35°	5866.2	5383.6	5159.5	4837.7	4452.8	4027.6	3619.7	3274.9	2924.5	2545.3	2171.8
-37.5°	4935.4	4625.1	4360.9	4119.5	3815.0	3447.3	3154.3	2872.8	2579.7	2235.0	1913.3
-40°	4205.7	3981.6	3717.4	3539.2	3292.2	3027.9	2734.9	2499.3	2252.2	1970.7	1706.4
-42.5°	3619.7	3435.8	3263.5	3073.9	2890.0	2665.9	2413.1	2189.0	1965.0	1758.1	1539.8
-45°	3137.1	3004.9	2867.0	2711.9	2551.0	2355.7	2148.8	1919.0	1758.1	1574.3	1390.4
-47.5°	2740.6	2642.9	2528.0	2407.4	2269.5	2097.1	1907.5	1740.9	1574.3	1419.1	1241.0
-50°	2424.6	2332.7	2240.8	2137.3	2016.7	1867.3	1723.7	1568.5	1413.4	1264.0	1097.4
-52.5°	2160.3	2079.9	2005.2	1919.0	1804.1	1677.7	1545.5	1407.7	1264.0	1114.6	982.5
-55°	1976.5	1884.5	1809.8	1723.7	1620.2	1499.6	1378.9	1252.5	1114.6	999.7	890.6
-57.5°	1827.1	1723.7	1637.5	1545.5	1442.1	1338.7	1229.5	1114.6	1011.2	902.0	798.6
-60°	1700.7	1580.0	1482.3	1390.4	1292.7	1195.1	1103.1	1005.5	907.8	810.1	706.7
-62.5°	1568.5	1442.1	1321.5	1235.3	1160.6	1074.4	994.0	902.0	815.9	718.2	643.5
-65°	1419.1	1298.5	1183.6	1108.9	1039.9	965.2	890.6	810.1	735.4	660.7	591.8
-67.5°	1252.5	1149.1	1068.7	999.7	930.8	867.6	798.6	729.7	666.5	591.8	522.8
-70°	1051.4	994.0	948.0	896.3	833.1	775.6	712.4	649.2	580.3	517.1	453.9
-72.5°	896.3	861.8	827.4	775.6	718.2	666.5	614.8	557.3	499.9	442.4	390.7
-75°	735.4	706.7	678.0	643.5	597.5	557.3	511.4	459.6	413.7	373.5	333.2
-77.5°	591.8	568.8	551.6	522.8	488.4	453.9	425.2	390.7	356.2	316.0	275.8
-80°	471.1	459.6	453.9	442.4	413.7	385.0	362.0	333.2	298.8	270.0	241.3
-82.5°	367.7	367.7	362.0	356.2	333.2	310.3	293.0	270.0	247.1	224.1	195.3
-85°	270.0	264.3	264.3	258.5	241.3	229.8	212.6	201.1	183.9	160.9	149.4
-87.5°	160.9	155.1	149.4	143.6	132.1	126.4	114.9	109.2	97.7	86.2	80.4
-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: P722654

CATALOG NUMBER: IFLD-L-SA8D-927-U-76-VI

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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.2	11.5	11.5	11.5	11.5	11.5	5.7	5.7	5.7	5.7	5.7
82.5°	34.5	34.5	28.7	28.7	23.0	17.2	11.5	11.5	11.5	5.7	5.7
80°	51.7	51.7	51.7	46.0	40.2	28.7	23.0	17.2	11.5	5.7	5.7
77.5°	63.2	57.5	57.5	51.7	51.7	46.0	34.5	28.7	17.2	11.5	5.7
75°	63.2	63.2	63.2	57.5	57.5	51.7	46.0	34.5	28.7	17.2	11.5
72.5°	68.9	63.2	63.2	63.2	57.5	51.7	46.0	40.2	34.5	23.0	11.5
70°	63.2	63.2	63.2	63.2	57.5	57.5	46.0	40.2	40.2	23.0	17.2
67.5°	63.2	63.2	63.2	57.5	57.5	51.7	46.0	40.2	40.2	28.7	17.2
65°	68.9	63.2	63.2	63.2	57.5	51.7	46.0	40.2	40.2	34.5	23.0
62.5°	74.7	68.9	68.9	63.2	57.5	51.7	46.0	40.2	40.2	34.5	23.0
60°	80.4	74.7	68.9	68.9	63.2	57.5	46.0	46.0	40.2	34.5	23.0
57.5°	86.2	80.4	80.4	74.7	68.9	63.2	51.7	46.0	40.2	34.5	28.7
55°	103.4	91.9	86.2	86.2	80.4	68.9	57.5	46.0	40.2	34.5	28.7
52.5°	137.9	109.2	97.7	97.7	91.9	80.4	63.2	51.7	40.2	34.5	28.7
50°	218.3	137.9	114.9	103.4	103.4	91.9	74.7	57.5	40.2	34.5	28.7
47.5°	344.7	229.8	137.9	120.7	114.9	109.2	86.2	57.5	46.0	34.5	28.7
45°	568.8	339.0	224.1	143.6	120.7	114.9	97.7	63.2	46.0	40.2	28.7
42.5°	781.4	528.6	344.7	172.4	143.6	126.4	103.4	68.9	51.7	40.2	28.7
40°	1229.5	723.9	482.6	281.5	166.6	132.1	114.9	80.4	51.7	40.2	28.7
37.5°	1666.2	959.5	649.2	413.7	189.6	149.4	120.7	86.2	57.5	40.2	34.5
35°	2102.9	1344.5	804.4	551.6	252.8	178.1	126.4	91.9	57.5	40.2	34.5
32.5°	2493.6	1706.4	965.2	689.5	379.2	212.6	137.9	97.7	63.2	46.0	34.5
30°	2815.3	2039.7	1252.5	810.1	494.1	258.5	149.4	97.7	68.9	46.0	34.5
27.5°	3056.6	2298.2	1545.5	936.5	591.8	304.5	172.4	109.2	68.9	46.0	34.5
25°	3252.0	2499.3	1804.1	1068.7	678.0	379.2	206.8	114.9	74.7	51.7	34.5
22.5°	3407.1	2665.9	2016.7	1246.8	781.4	453.9	252.8	126.4	74.7	51.7	34.5
20°	3619.7	2832.5	2160.3	1436.4	890.6	522.8	293.0	137.9	74.7	51.7	40.2
17.5°	3803.5	2999.2	2275.2	1597.3	999.7	574.6	339.0	149.4	80.4	51.7	40.2
15°	4016.1	3160.0	2378.6	1723.7	1103.1	620.5	379.2	160.9	80.4	57.5	40.2
12.5°	4245.9	3309.4	2453.3	1827.1	1212.3	660.7	413.7	183.9	86.2	57.5	40.2
10°	4481.5	3435.8	2516.5	1901.8	1292.7	701.0	436.7	206.8	91.9	57.5	40.2
7.5°	4717.1	3550.7	2597.0	1936.2	1327.2	746.9	448.2	229.8	91.9	63.2	40.2
5°	4877.9	3625.4	2711.9	1959.2	1344.5	798.6	465.4	258.5	97.7	63.2	40.2
2.5°	5015.8	3671.4	2832.5	1976.5	1350.2	827.4	459.6	275.8	103.4	63.2	40.2
0°	5079.0	3671.4	2913.0	1965.0	1333.0	856.1	459.6	293.0	103.4	63.2	40.2
-2.5°	4981.4	3774.8	2890.0	1970.7	1338.7	856.1	482.6	298.8	114.9	68.9	40.2
-5°	4826.2	3815.0	2821.1	1942.0	1327.2	856.1	511.4	304.5	120.7	68.9	46.0
-7.5°	4676.9	3832.3	2740.6	1913.3	1310.0	833.1	517.1	298.8	132.1	74.7	46.0
-10°	4481.5	3642.7	2637.2	1861.5	1275.5	815.9	528.6	298.8	137.9	74.7	46.0
-12.5°	4257.4	3412.8	2510.8	1786.9	1235.3	798.6	534.3	298.8	143.6	80.4	46.0
-15°	3998.9	3177.3	2367.2	1706.4	1177.8	775.6	522.8	293.0	149.4	80.4	51.7
-17.5°	3705.9	2947.5	2217.8	1608.7	1114.6	746.9	499.9	287.3	149.4	80.4	51.7
-20°	3372.6	2717.6	2051.2	1511.1	1039.9	712.4	476.9	275.8	149.4	80.4	51.7



REPORT NUMBER: P722654

CATALOG NUMBER: IFLD-L-SA8D-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3073.9	2505.0	1878.8	1401.9	959.5	672.2	448.2	264.3	149.4	86.2	51.7
-25°	2826.8	2298.2	1746.6	1292.7	873.3	626.3	419.4	252.8	149.4	86.2	51.7
-27.5°	2568.2	2074.1	1608.7	1189.3	815.9	586.0	390.7	241.3	143.6	86.2	51.7
-30°	2304.0	1855.8	1465.1	1074.4	758.4	545.8	367.7	224.1	143.6	86.2	51.7
-32.5°	2062.6	1677.7	1333.0	959.5	695.2	505.6	344.7	218.3	137.9	86.2	51.7
-35°	1827.1	1516.8	1195.1	867.6	626.3	465.4	321.7	212.6	137.9	86.2	51.7
-37.5°	1631.7	1367.4	1068.7	804.4	586.0	430.9	298.8	201.1	132.1	86.2	51.7
-40°	1470.9	1229.5	948.0	735.4	551.6	396.4	275.8	195.3	132.1	86.2	51.7
-42.5°	1321.5	1097.4	873.3	678.0	517.1	373.5	258.5	189.6	126.4	86.2	51.7
-45°	1189.3	982.5	798.6	626.3	476.9	344.7	247.1	178.1	120.7	86.2	57.5
-47.5°	1057.2	902.0	729.7	580.3	436.7	310.3	235.6	172.4	114.9	80.4	57.5
-50°	953.8	815.9	672.2	528.6	396.4	298.8	224.1	160.9	114.9	80.4	57.5
-52.5°	861.8	735.4	609.0	476.9	362.0	281.5	212.6	149.4	109.2	80.4	57.5
-55°	775.6	660.7	545.8	425.2	339.0	264.3	195.3	137.9	109.2	80.4	57.5
-57.5°	689.5	591.8	482.6	385.0	310.3	247.1	183.9	137.9	109.2	80.4	57.5
-60°	620.5	528.6	436.7	356.2	287.3	224.1	166.6	132.1	103.4	80.4	57.5
-62.5°	563.1	476.9	396.4	321.7	264.3	201.1	160.9	132.1	103.4	80.4	51.7
-65°	505.6	430.9	356.2	293.0	235.6	189.6	155.1	126.4	103.4	80.4	51.7
-67.5°	448.2	379.2	321.7	258.5	218.3	183.9	149.4	126.4	97.7	74.7	51.7
-70°	390.7	333.2	281.5	241.3	206.8	172.4	143.6	120.7	97.7	68.9	46.0
-72.5°	344.7	293.0	252.8	224.1	195.3	166.6	137.9	114.9	91.9	63.2	40.2
-75°	293.0	258.5	229.8	201.1	178.1	155.1	132.1	103.4	80.4	57.5	40.2
-77.5°	247.1	224.1	201.1	183.9	160.9	137.9	114.9	91.9	74.7	51.7	34.5
-80°	212.6	195.3	178.1	160.9	143.6	120.7	103.4	80.4	63.2	46.0	28.7
-82.5°	172.4	160.9	143.6	132.1	120.7	103.4	86.2	68.9	46.0	34.5	23.0
-85°	132.1	120.7	114.9	103.4	91.9	74.7	57.5	46.0	34.5	23.0	11.5
-87.5°	68.9	63.2	57.5	51.7	46.0	34.5	28.7	23.0	17.2	11.5	5.7
-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: P722654

CATALOG NUMBER: IFLD-L-SA8D-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.5	5.7	0.0	0.0
65°	11.5	5.7	0.0	0.0
62.5°	11.5	5.7	0.0	0.0
60°	11.5	5.7	0.0	0.0
57.5°	17.2	5.7	5.7	0.0
55°	17.2	5.7	5.7	0.0
52.5°	17.2	5.7	5.7	0.0
50°	17.2	11.5	5.7	0.0
47.5°	17.2	11.5	5.7	0.0
45°	17.2	11.5	5.7	0.0
42.5°	17.2	11.5	5.7	0.0
40°	23.0	11.5	5.7	0.0
37.5°	23.0	11.5	5.7	0.0
35°	23.0	11.5	5.7	0.0
32.5°	23.0	11.5	5.7	0.0
30°	23.0	11.5	5.7	0.0
27.5°	23.0	17.2	5.7	0.0
25°	23.0	17.2	5.7	0.0
22.5°	28.7	17.2	5.7	0.0
20°	28.7	17.2	5.7	0.0
17.5°	28.7	17.2	5.7	0.0
15°	28.7	17.2	5.7	0.0
12.5°	28.7	17.2	5.7	0.0
10°	28.7	17.2	5.7	0.0
7.5°	28.7	17.2	5.7	0.0
5°	28.7	17.2	5.7	0.0
2.5°	28.7	17.2	5.7	0.0
0°	28.7	17.2	5.7	0.0
-2.5°	28.7	17.2	5.7	0.0
-5°	28.7	17.2	5.7	0.0
-7.5°	28.7	17.2	5.7	0.0
-10°	28.7	17.2	5.7	0.0
-12.5°	34.5	17.2	5.7	0.0
-15°	34.5	17.2	5.7	0.0
-17.5°	34.5	17.2	5.7	0.0
-20°	34.5	17.2	5.7	0.0

REPORT NUMBER: P722654

CATALOG NUMBER: IFLD-L-SA8D-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.5	17.2	5.7	0.0
-25°	34.5	17.2	5.7	0.0
-27.5°	34.5	17.2	5.7	0.0
-30°	34.5	17.2	5.7	0.0
-32.5°	34.5	17.2	5.7	0.0
-35°	34.5	17.2	5.7	0.0
-37.5°	34.5	17.2	5.7	0.0
-40°	34.5	17.2	5.7	0.0
-42.5°	28.7	17.2	5.7	0.0
-45°	34.5	17.2	5.7	0.0
-47.5°	34.5	17.2	5.7	0.0
-50°	34.5	17.2	5.7	0.0
-52.5°	34.5	17.2	5.7	0.0
-55°	34.5	17.2	5.7	0.0
-57.5°	34.5	17.2	5.7	0.0
-60°	34.5	17.2	5.7	0.0
-62.5°	28.7	17.2	5.7	0.0
-65°	28.7	11.5	5.7	0.0
-67.5°	28.7	11.5	5.7	0.0
-70°	28.7	11.5	5.7	0.0
-72.5°	23.0	11.5	5.7	0.0
-75°	23.0	11.5	5.7	0.0
-77.5°	17.2	5.7	0.0	0.0
-80°	17.2	5.7	0.0	0.0
-82.5°	11.5	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)