

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: P724263

Luminaire Tested: **IFLD-L-SA7B-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724263  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

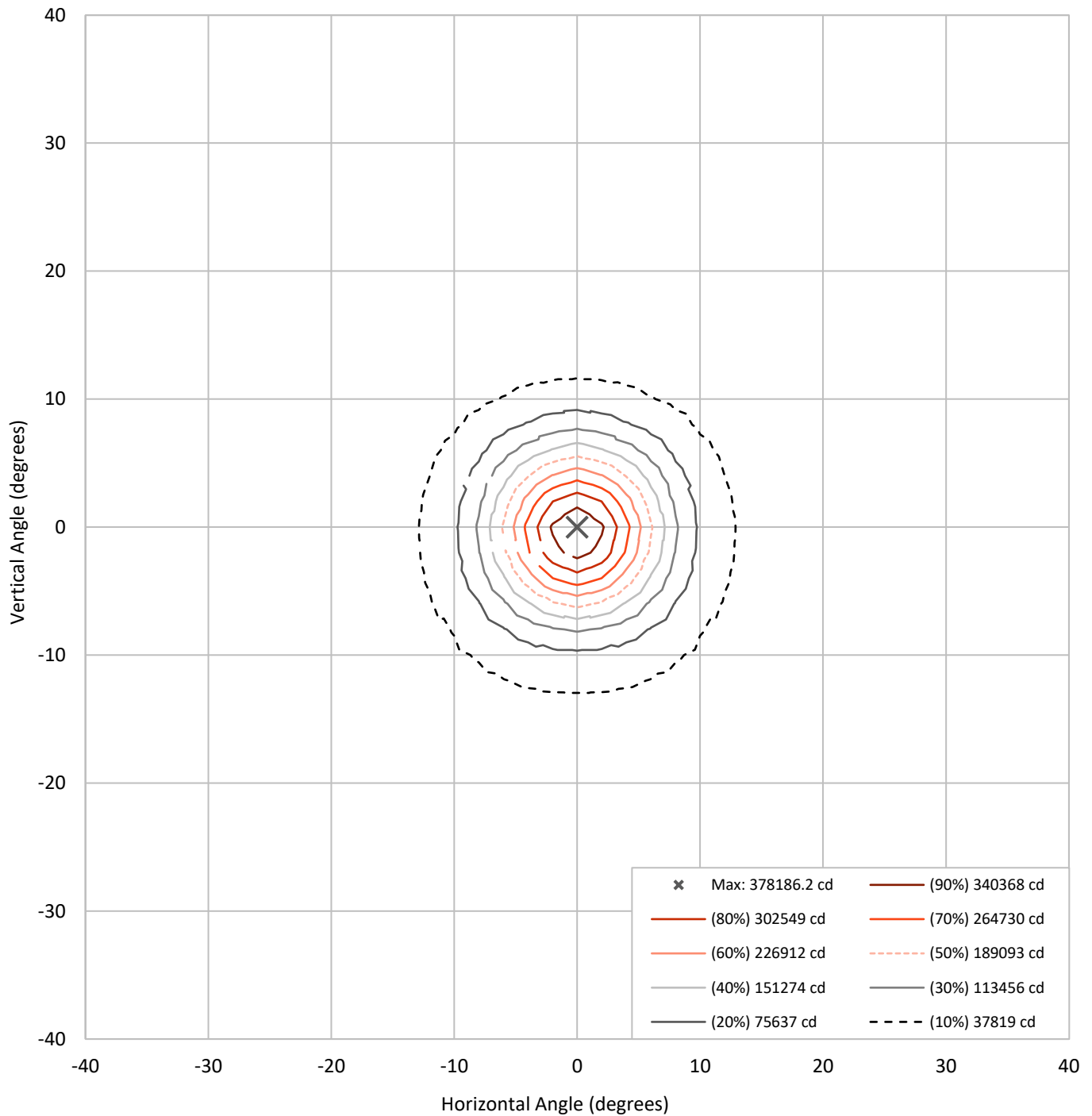
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	26416.5 lumens	Max Intensity:	378186.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	8264.3 lumens	Field Lumens:	18804.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 281  
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





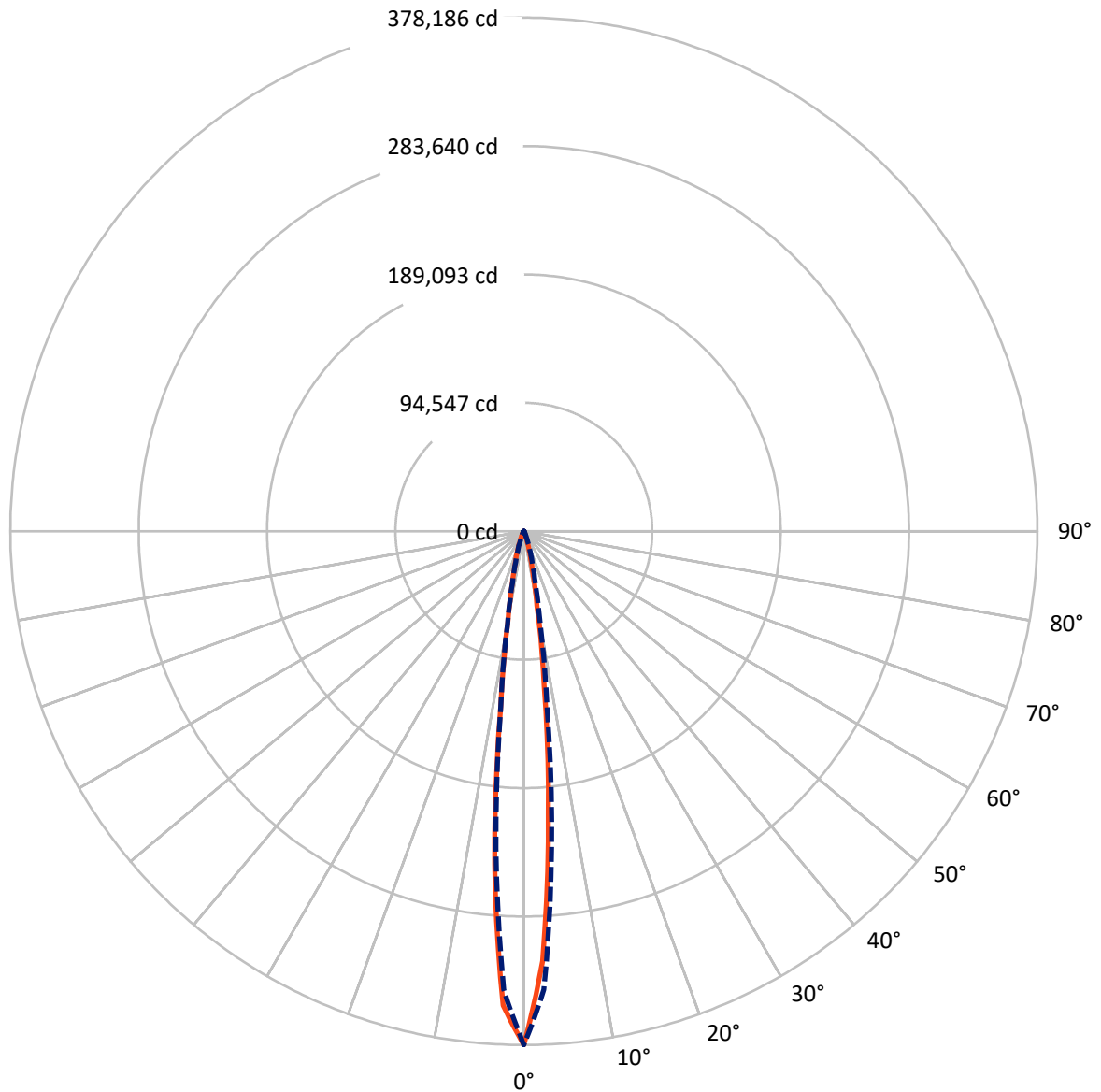
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### Lumen Table

90	0.2	1.6		1.4	0.6		0.1		0.6		1.4	1.6		0.2					
80	0.2	1.6		1.4	0.6		0.1		0.6		1.4	1.6		0.2					
70	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2			
60		0.2	0.3	0.7	1.4	2.0	2.6	2.9	2.9	2.6	2.0	1.4	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.2	3.8	5.3	7.0	8.3	8.3	7.0	5.3	3.8	2.2	0.8	0.2	0.2			
40		0.4	1.8	4.0	6.7	10.6	16.1	19.2	19.2	16.1	10.6	6.7	4.0	1.8	0.4				
30	0.3	0.8	2.8	5.8	10.6	18.3	35.2	56.9	56.9	35.2	18.3	10.6	5.8	2.8	0.8	0.3			
20		1.2	3.8	7.9	16.1	39.8	208.1	526.5	526.5	208.1	39.8	16.1	7.9	3.8	1.2				
10	0.4	1.5	4.5	9.3	19.6	80.9	670.3	4130.6	4130.6	670.3	80.9	19.6	9.3	4.5	1.5	0.4			
0		1.7	4.9	9.9	20.5	92.2	737.6	4548.9	4548.9	737.6	92.2	20.5	9.9	4.9	1.7				
-10	0.6	1.8	5.1	9.8	19.2	55.3	331.1	797.8	797.8	331.1	55.3	19.2	9.8	5.1	1.8	0.6			
-20		1.8	5.1	9.3	16.2	28.2	68.4	128.5	128.5	68.4	28.2	16.2	9.3	5.1	1.8				
-30	0.6	1.6	4.7	8.6	13.5	20.0	28.2	33.2	33.2	28.2	20.0	13.5	8.6	4.7	1.6	0.6			
-40		1.4	4.1	7.7	11.8	15.5	19.6	21.8	21.8	19.6	15.5	11.8	7.7	4.1	1.4				
-50	0.5	1.2	3.2	6.5	10.3	13.6	16.7	18.2	18.2	16.7	13.6	10.3	6.5	3.2	1.2	0.5			
-60		0.9	2.4	4.8	7.9	10.8	13.6	15.1	15.1	13.6	10.8	7.9	4.8	2.4	0.9				
-70	0.3	3.6		9.9	18.3		22.0		18.3		9.9	3.6		0.3					
-80		3.6		9.9	18.3		22.0		18.3		9.9	3.6		0.3					
-90	0.3	3.6		9.9	18.3		22.0		18.3		9.9	3.6		0.3					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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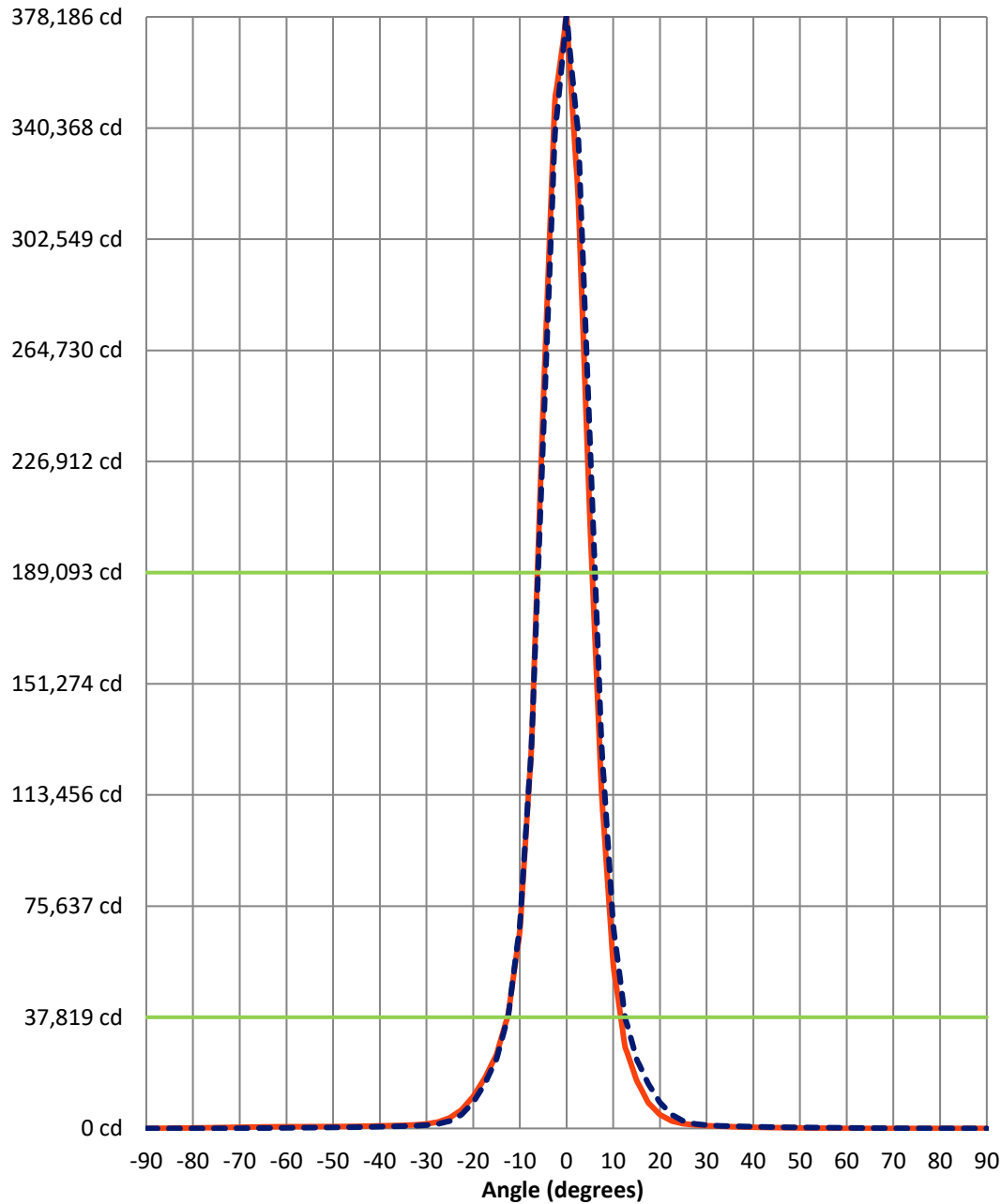
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.2°  
V Angle: 11.7°  
Lumens: 8264.3  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 18804.2  
Efficiency: 71.2%

**Spill:**  
Lumens: 7612.2  
Efficiency: 28.8%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-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	0.0	0.0	0.0	0.0	0.0	4.7	4.7
85°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	9.5	9.5
82.5°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	9.5	9.5	9.5
80°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	9.5	9.5	9.5
77.5°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	9.5
75°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
72.5°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
65°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
62.5°	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7
60°	9.5	9.5	9.5	9.5	14.2	14.2	18.9	18.9	18.9	9.5	18.9
57.5°	75.7	75.7	71.0	66.3	61.5	56.8	56.8	56.8	56.8	56.8	47.3
55°	104.1	104.1	104.1	99.4	99.4	94.7	89.9	85.2	85.2	80.5	75.7
52.5°	123.0	123.0	123.0	123.0	118.3	118.3	118.3	113.6	104.1	104.1	99.4
50°	175.1	170.4	170.4	170.4	170.4	160.9	156.2	146.7	142.0	137.2	132.5
47.5°	227.2	227.2	222.4	222.4	217.7	208.2	198.8	189.3	179.8	175.1	165.6
45°	269.8	269.8	265.0	265.0	260.3	250.8	236.6	222.4	213.0	203.5	194.0
42.5°	331.3	326.5	321.8	317.1	307.6	293.4	274.5	255.6	241.4	227.2	217.7
40°	397.5	397.5	392.8	388.1	373.9	359.7	336.0	312.4	288.7	260.3	246.1
37.5°	478.0	482.7	487.5	487.5	478.0	459.1	425.9	397.5	359.7	321.8	302.9
35°	624.7	624.7	634.2	634.2	620.0	596.3	572.6	511.1	463.8	416.5	373.9
32.5°	785.6	790.3	771.4	757.2	738.3	709.9	667.3	615.2	563.2	501.7	454.3
30°	941.8	941.8	918.1	889.7	851.9	804.5	752.5	695.7	634.2	572.6	515.9
27.5°	1187.9	1164.2	1145.3	1098.0	1031.7	941.8	875.5	785.6	705.2	634.2	572.6
25°	1594.9	1590.2	1547.6	1467.1	1334.6	1192.6	1083.8	932.3	809.3	700.4	629.4
22.5°	2536.7	2503.5	2404.2	2205.4	1893.0	1646.9	1424.5	1187.9	965.4	818.7	705.2
20°	4690.0	4581.2	4316.1	3767.1	3066.7	2584.0	2030.3	1632.7	1258.9	984.4	814.0
17.5°	8750.6	8679.6	8580.2	7311.9	5887.3	4865.1	3620.4	2503.5	1788.9	1287.3	965.4
15°	16403.2	15877.8	14779.9	13260.7	11268.3	8708.0	6403.2	4041.6	2555.6	1713.2	1225.7
12.5°	28040.6	27458.5	24623.7	20823.4	17240.8	13596.7	9545.6	6142.9	3639.4	2177.0	1452.9
10°	55873.0	51646.8	43710.2	32621.8	25461.4	18987.2	13402.7	8381.4	4737.3	2749.6	1722.7
7.5°	114438.8	100629.1	77543.5	54741.9	35432.9	24902.9	17117.8	10960.7	6313.3	3440.6	1968.8
5°	207415.4	182914.7	137803.6	82976.6	51452.8	31211.5	20312.3	13033.6	7472.8	4003.8	2214.9
2.5°	316709.9	285015.7	199228.0	114098.1	63445.1	36095.5	22546.1	14396.5	8211.0	4387.1	2404.2
0°	378186.2	337817.2	234623.0	130629.0	69157.4	38168.4	23639.3	15215.3	8835.8	4699.5	2527.2
-2.5°	349350.6	316851.8	215621.7	121343.7	66085.9	37259.7	23795.5	15418.8	8939.9	4784.7	2584.0
-5°	246222.6	219549.7	149195.0	89545.4	56071.8	34320.8	22451.4	14652.1	8651.2	4661.6	2560.3
-7.5°	130264.6	118196.5	88480.6	64344.3	40927.5	29048.7	20212.9	13293.9	7903.4	4330.3	2418.4
-10°	67302.2	64827.1	55863.5	42110.6	33118.7	24335.0	17250.3	11367.7	6606.7	3729.3	2177.0
-12.5°	38802.5	38381.3	35499.2	30473.2	25395.1	19990.5	14155.2	9271.1	5513.5	3090.4	1836.2
-15°	25125.3	25305.2	24301.9	22210.1	19318.4	14959.7	10875.5	6895.4	4079.5	2503.5	1618.5
-17.5°	17146.2	17098.9	16630.3	15196.4	12867.9	10104.1	7207.7	4869.8	3090.4	1949.8	1344.1
-20°	10847.1	10866.0	10430.6	9441.5	7728.3	6228.1	4486.5	3284.4	2191.2	1533.4	1187.9



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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°	6294.3	6308.5	6034.1	5475.6	4576.4	3691.4	2915.3	2172.3	1613.8	1277.8	1041.2
-25°	3615.7	3558.9	3450.1	3180.3	2759.1	2276.4	1935.6	1528.6	1292.0	1083.8	951.3
-27.5°	2191.2	2153.3	2096.5	1978.2	1812.6	1571.2	1415.0	1235.2	1098.0	974.9	894.5
-30°	1528.6	1542.8	1495.5	1434.0	1358.3	1249.4	1164.2	1079.0	989.1	913.4	837.7
-32.5°	1216.3	1225.7	1202.1	1178.4	1140.6	1098.0	1045.9	984.4	913.4	842.4	771.4
-35°	1045.9	1050.6	1050.6	1045.9	1036.4	1003.3	965.4	908.7	842.4	776.1	714.6
-37.5°	960.7	965.4	965.4	960.7	946.5	918.1	880.3	832.9	771.4	709.9	662.6
-40°	870.8	875.5	870.8	861.3	847.1	818.7	790.3	752.5	705.2	653.1	610.5
-42.5°	785.6	780.9	776.1	766.7	752.5	733.6	709.9	681.5	648.4	610.5	577.4
-45°	705.2	705.2	700.4	695.7	686.2	672.0	657.8	634.2	610.5	582.1	553.7
-47.5°	662.6	662.6	657.8	653.1	648.4	638.9	624.7	605.8	586.8	563.2	539.5
-50°	634.2	634.2	634.2	629.4	624.7	615.2	601.0	586.8	567.9	544.2	520.6
-52.5°	615.2	615.2	615.2	610.5	605.8	601.0	586.8	567.9	544.2	525.3	506.4
-55°	605.8	601.0	601.0	596.3	591.6	586.8	567.9	549.0	530.1	511.1	492.2
-57.5°	591.6	586.8	586.8	582.1	577.4	572.6	553.7	534.8	515.9	492.2	478.0
-60°	577.4	572.6	572.6	563.2	558.4	553.7	534.8	515.9	496.9	478.0	459.1
-62.5°	558.4	553.7	549.0	544.2	534.8	525.3	511.1	492.2	468.5	449.6	430.7
-65°	515.9	511.1	506.4	501.7	496.9	492.2	478.0	454.3	435.4	416.5	397.5
-67.5°	463.8	463.8	463.8	454.3	449.6	440.1	430.7	411.7	392.8	373.9	359.7
-70°	402.3	402.3	402.3	392.8	388.1	383.3	369.1	354.9	340.7	326.5	307.6
-72.5°	340.7	336.0	336.0	331.3	321.8	317.1	307.6	298.2	284.0	274.5	260.3
-75°	279.2	274.5	274.5	269.8	265.0	260.3	250.8	246.1	236.6	227.2	213.0
-77.5°	222.4	222.4	222.4	217.7	213.0	208.2	203.5	198.8	194.0	184.6	175.1
-80°	170.4	170.4	170.4	170.4	170.4	170.4	170.4	165.6	156.2	151.4	146.7
-82.5°	123.0	127.8	127.8	127.8	127.8	127.8	127.8	127.8	123.0	118.3	113.6
-85°	80.5	85.2	85.2	89.9	94.7	94.7	99.4	94.7	89.9	80.5	75.7
-87.5°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	37.9	37.9	37.9	33.1
-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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.5	9.5	9.5
85°	9.5	9.5	9.5	9.5	14.2	14.2	14.2	18.9	18.9	18.9	18.9
82.5°	9.5	14.2	14.2	14.2	18.9	18.9	23.7	28.4	37.9	42.6	42.6
80°	9.5	14.2	14.2	14.2	18.9	18.9	23.7	23.7	28.4	33.1	42.6
77.5°	9.5	9.5	14.2	14.2	14.2	18.9	18.9	23.7	23.7	28.4	33.1
75°	4.7	9.5	9.5	9.5	14.2	14.2	18.9	18.9	23.7	23.7	28.4
72.5°	4.7	9.5	9.5	9.5	14.2	14.2	18.9	18.9	18.9	23.7	23.7
70°	4.7	9.5	9.5	9.5	9.5	14.2	14.2	14.2	18.9	18.9	18.9
67.5°	4.7	4.7	4.7	9.5	9.5	9.5	9.5	14.2	14.2	14.2	18.9
65°	4.7	4.7	4.7	4.7	9.5	9.5	9.5	9.5	14.2	14.2	14.2
62.5°	4.7	4.7	4.7	9.5	9.5	9.5	9.5	9.5	14.2	14.2	14.2
60°	18.9	18.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
57.5°	42.6	42.6	37.9	33.1	28.4	28.4	23.7	18.9	18.9	14.2	14.2
55°	71.0	66.3	61.5	52.1	47.3	42.6	37.9	28.4	23.7	18.9	14.2
52.5°	89.9	85.2	80.5	75.7	66.3	56.8	52.1	47.3	37.9	28.4	23.7
50°	132.5	118.3	108.8	99.4	89.9	80.5	71.0	66.3	52.1	42.6	33.1
47.5°	160.9	151.4	137.2	127.8	118.3	104.1	89.9	80.5	71.0	56.8	42.6
45°	184.6	175.1	160.9	151.4	142.0	127.8	113.6	99.4	89.9	75.7	56.8
42.5°	208.2	198.8	184.6	175.1	160.9	146.7	132.5	118.3	104.1	94.7	75.7
40°	241.4	227.2	208.2	198.8	189.3	170.4	151.4	137.2	123.0	108.8	89.9
37.5°	284.0	269.8	246.1	227.2	213.0	198.8	179.8	160.9	146.7	127.8	108.8
35°	350.2	326.5	293.4	265.0	246.1	227.2	203.5	184.6	165.6	146.7	127.8
32.5°	416.5	378.6	336.0	302.9	274.5	250.8	227.2	208.2	184.6	160.9	142.0
30°	468.5	425.9	383.3	336.0	302.9	274.5	250.8	227.2	203.5	179.8	156.2
27.5°	520.6	473.3	425.9	378.6	331.3	293.4	269.8	246.1	222.4	198.8	170.4
25°	572.6	520.6	473.3	421.2	364.4	321.8	288.7	269.8	246.1	217.7	184.6
22.5°	620.0	572.6	525.3	468.5	402.3	345.5	312.4	288.7	265.0	231.9	203.5
20°	709.9	648.4	591.6	520.6	444.9	388.1	345.5	312.4	284.0	250.8	217.7
17.5°	828.2	738.3	662.6	582.1	506.4	435.4	373.9	336.0	307.6	269.8	231.9
15°	979.6	823.5	728.8	648.4	558.4	478.0	411.7	359.7	321.8	284.0	250.8
12.5°	1093.2	889.7	785.6	709.9	615.2	525.3	440.1	378.6	336.0	298.2	260.3
10°	1221.0	960.7	832.9	747.7	648.4	549.0	459.1	392.8	345.5	312.4	274.5
7.5°	1325.1	1017.5	856.6	761.9	667.3	567.9	478.0	407.0	359.7	321.8	284.0
5°	1419.8	1064.8	875.5	766.7	676.8	582.1	487.5	416.5	369.1	331.3	293.4
2.5°	1486.0	1107.4	894.5	776.1	686.2	591.6	501.7	425.9	378.6	340.7	302.9
0°	1542.8	1121.6	889.7	776.1	691.0	591.6	506.4	430.7	383.3	345.5	307.6
-2.5°	1561.8	1145.3	913.4	785.6	700.4	601.0	515.9	435.4	388.1	350.2	317.1
-5°	1561.8	1126.4	913.4	795.1	705.2	605.8	515.9	440.1	392.8	354.9	317.1
-7.5°	1505.0	1098.0	908.7	804.5	709.9	610.5	515.9	444.9	397.5	359.7	321.8
-10°	1405.6	1055.4	903.9	809.3	709.9	605.8	515.9	444.9	397.5	359.7	326.5
-12.5°	1244.7	998.6	880.3	799.8	700.4	596.3	511.1	444.9	397.5	364.4	326.5
-15°	1164.2	951.3	851.9	771.4	676.8	582.1	501.7	440.1	397.5	364.4	331.3
-17.5°	1055.4	913.4	823.5	743.0	657.8	567.9	492.2	440.1	397.5	359.7	331.3
-20°	979.6	870.8	790.3	719.4	634.2	553.7	487.5	435.4	397.5	359.7	331.3



REPORT NUMBER: P724263  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	913.4	823.5	752.5	681.5	605.8	534.8	478.0	430.7	392.8	359.7	331.3
-25°	861.3	780.9	714.6	648.4	582.1	520.6	468.5	425.9	388.1	359.7	326.5
-27.5°	814.0	738.3	676.8	615.2	553.7	506.4	459.1	421.2	388.1	354.9	321.8
-30°	761.9	700.4	638.9	582.1	539.5	492.2	449.6	411.7	383.3	350.2	317.1
-32.5°	709.9	653.1	601.0	558.4	520.6	482.7	444.9	407.0	373.9	340.7	307.6
-35°	662.6	610.5	572.6	534.8	506.4	473.3	435.4	397.5	369.1	336.0	307.6
-37.5°	615.2	577.4	544.2	515.9	487.5	459.1	421.2	388.1	359.7	326.5	293.4
-40°	577.4	549.0	525.3	501.7	473.3	440.1	411.7	378.6	350.2	317.1	279.2
-42.5°	553.7	530.1	506.4	482.7	459.1	430.7	402.3	369.1	340.7	307.6	269.8
-45°	530.1	511.1	492.2	473.3	449.6	421.2	388.1	354.9	326.5	293.4	265.0
-47.5°	515.9	496.9	478.0	463.8	444.9	407.0	378.6	345.5	312.4	284.0	250.8
-50°	501.7	482.7	468.5	449.6	425.9	392.8	364.4	331.3	302.9	269.8	241.4
-52.5°	487.5	468.5	449.6	430.7	407.0	378.6	350.2	321.8	288.7	255.6	227.2
-55°	473.3	454.3	435.4	416.5	392.8	369.1	340.7	302.9	269.8	236.6	208.2
-57.5°	459.1	444.9	421.2	397.5	373.9	350.2	317.1	284.0	250.8	217.7	194.0
-60°	440.1	421.2	402.3	373.9	350.2	321.8	293.4	265.0	231.9	203.5	179.8
-62.5°	411.7	392.8	373.9	345.5	321.8	298.2	274.5	241.4	217.7	189.3	165.6
-65°	378.6	359.7	340.7	317.1	293.4	269.8	250.8	222.4	198.8	175.1	156.2
-67.5°	340.7	321.8	307.6	284.0	265.0	241.4	222.4	198.8	175.1	156.2	137.2
-70°	293.4	279.2	265.0	246.1	227.2	208.2	189.3	170.4	151.4	137.2	118.3
-72.5°	250.8	236.6	222.4	208.2	194.0	175.1	160.9	146.7	132.5	118.3	108.8
-75°	203.5	194.0	184.6	175.1	160.9	146.7	137.2	123.0	113.6	104.1	99.4
-77.5°	170.4	160.9	151.4	142.0	132.5	123.0	113.6	104.1	99.4	94.7	89.9
-80°	137.2	132.5	127.8	118.3	113.6	104.1	99.4	89.9	89.9	89.9	89.9
-82.5°	108.8	104.1	99.4	94.7	89.9	85.2	85.2	80.5	85.2	85.2	80.5
-85°	75.7	71.0	66.3	66.3	61.5	61.5	56.8	56.8	56.8	52.1	52.1
-87.5°	33.1	33.1	33.1	33.1	28.4	28.4	28.4	28.4	28.4	23.7	23.7
-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: P724263  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-22-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°	9.5	9.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	0.0
85°	18.9	18.9	14.2	14.2	14.2	9.5	9.5	4.7	4.7	4.7	4.7
82.5°	42.6	37.9	33.1	28.4	23.7	18.9	14.2	9.5	9.5	4.7	4.7
80°	52.1	52.1	52.1	47.3	37.9	28.4	18.9	14.2	9.5	4.7	4.7
77.5°	37.9	37.9	42.6	47.3	47.3	37.9	23.7	14.2	9.5	9.5	4.7
75°	28.4	28.4	28.4	33.1	37.9	37.9	28.4	18.9	9.5	9.5	4.7
72.5°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	18.9	14.2	9.5	9.5
70°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	18.9	14.2	9.5	9.5
67.5°	18.9	18.9	23.7	23.7	23.7	18.9	18.9	18.9	14.2	9.5	9.5
65°	14.2	18.9	18.9	23.7	18.9	18.9	18.9	14.2	14.2	9.5	9.5
62.5°	14.2	14.2	18.9	18.9	18.9	18.9	14.2	14.2	14.2	9.5	9.5
60°	14.2	14.2	14.2	18.9	14.2	14.2	14.2	14.2	14.2	9.5	9.5
57.5°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	9.5	9.5	9.5	9.5
55°	14.2	14.2	14.2	14.2	14.2	14.2	9.5	9.5	9.5	9.5	9.5
52.5°	18.9	14.2	14.2	14.2	14.2	14.2	9.5	9.5	9.5	9.5	9.5
50°	23.7	14.2	14.2	14.2	14.2	9.5	9.5	9.5	9.5	9.5	9.5
47.5°	33.1	23.7	18.9	14.2	14.2	9.5	9.5	9.5	9.5	9.5	4.7
45°	47.3	33.1	23.7	18.9	14.2	9.5	9.5	9.5	9.5	9.5	4.7
42.5°	56.8	42.6	28.4	23.7	18.9	14.2	9.5	9.5	9.5	4.7	4.7
40°	71.0	56.8	37.9	28.4	18.9	14.2	9.5	9.5	9.5	4.7	4.7
37.5°	89.9	71.0	47.3	33.1	23.7	14.2	14.2	9.5	9.5	4.7	4.7
35°	104.1	80.5	61.5	37.9	28.4	18.9	14.2	9.5	9.5	4.7	4.7
32.5°	118.3	94.7	75.7	47.3	33.1	23.7	18.9	9.5	9.5	4.7	4.7
30°	132.5	108.8	85.2	61.5	42.6	28.4	18.9	9.5	9.5	4.7	4.7
27.5°	146.7	118.3	94.7	71.0	47.3	33.1	23.7	14.2	9.5	4.7	4.7
25°	160.9	132.5	104.1	80.5	52.1	37.9	23.7	14.2	9.5	9.5	4.7
22.5°	170.4	146.7	118.3	89.9	61.5	42.6	28.4	18.9	9.5	9.5	4.7
20°	184.6	160.9	127.8	99.4	71.0	47.3	28.4	18.9	9.5	9.5	4.7
17.5°	198.8	170.4	137.2	108.8	80.5	52.1	33.1	23.7	9.5	9.5	4.7
15°	213.0	179.8	146.7	113.6	85.2	56.8	33.1	23.7	9.5	9.5	4.7
12.5°	227.2	194.0	156.2	123.0	89.9	61.5	37.9	28.4	14.2	9.5	4.7
10°	236.6	203.5	165.6	127.8	94.7	71.0	42.6	28.4	14.2	9.5	4.7
7.5°	250.8	213.0	175.1	137.2	99.4	75.7	47.3	28.4	14.2	9.5	4.7
5°	255.6	222.4	179.8	146.7	104.1	80.5	52.1	33.1	14.2	9.5	4.7
2.5°	260.3	231.9	184.6	151.4	108.8	80.5	52.1	33.1	18.9	9.5	4.7
0°	265.0	236.6	189.3	156.2	113.6	85.2	56.8	33.1	18.9	9.5	4.7
-2.5°	269.8	241.4	198.8	160.9	118.3	89.9	61.5	33.1	18.9	9.5	4.7
-5°	274.5	241.4	208.2	165.6	123.0	89.9	61.5	37.9	23.7	9.5	4.7
-7.5°	279.2	246.1	213.0	170.4	127.8	89.9	66.3	37.9	23.7	14.2	4.7
-10°	284.0	250.8	217.7	175.1	127.8	94.7	66.3	37.9	23.7	14.2	4.7
-12.5°	288.7	255.6	217.7	175.1	132.5	94.7	66.3	42.6	23.7	14.2	4.7
-15°	293.4	255.6	217.7	175.1	132.5	99.4	71.0	42.6	23.7	14.2	9.5
-17.5°	293.4	255.6	217.7	179.8	132.5	99.4	71.0	42.6	23.7	14.2	9.5
-20°	293.4	255.6	217.7	179.8	132.5	99.4	71.0	42.6	23.7	14.2	9.5



REPORT NUMBER: P724263  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	288.7	250.8	217.7	175.1	132.5	99.4	71.0	42.6	28.4	14.2	9.5
-25°	288.7	250.8	217.7	175.1	132.5	99.4	66.3	42.6	28.4	14.2	9.5
-27.5°	284.0	250.8	213.0	170.4	127.8	94.7	66.3	42.6	28.4	14.2	9.5
-30°	279.2	246.1	208.2	165.6	127.8	94.7	66.3	42.6	28.4	14.2	9.5
-32.5°	274.5	236.6	203.5	160.9	123.0	89.9	66.3	42.6	28.4	14.2	9.5
-35°	265.0	231.9	194.0	156.2	118.3	89.9	61.5	42.6	28.4	18.9	9.5
-37.5°	255.6	222.4	189.3	151.4	113.6	85.2	61.5	42.6	28.4	18.9	9.5
-40°	246.1	217.7	179.8	142.0	108.8	80.5	61.5	42.6	28.4	18.9	14.2
-42.5°	236.6	208.2	175.1	137.2	108.8	80.5	56.8	42.6	28.4	18.9	14.2
-45°	231.9	203.5	165.6	132.5	104.1	80.5	56.8	37.9	28.4	18.9	14.2
-47.5°	222.4	189.3	156.2	127.8	99.4	75.7	52.1	37.9	28.4	18.9	14.2
-50°	208.2	179.8	151.4	123.0	94.7	71.0	52.1	37.9	28.4	18.9	14.2
-52.5°	194.0	165.6	142.0	113.6	89.9	71.0	52.1	37.9	28.4	18.9	14.2
-55°	179.8	156.2	132.5	108.8	85.2	66.3	47.3	37.9	28.4	18.9	14.2
-57.5°	170.4	146.7	123.0	99.4	80.5	61.5	47.3	33.1	23.7	18.9	14.2
-60°	160.9	137.2	113.6	94.7	75.7	61.5	47.3	33.1	23.7	18.9	9.5
-62.5°	146.7	127.8	104.1	89.9	71.0	56.8	42.6	33.1	23.7	18.9	9.5
-65°	132.5	113.6	94.7	80.5	66.3	52.1	42.6	33.1	23.7	18.9	9.5
-67.5°	118.3	104.1	89.9	75.7	61.5	52.1	42.6	33.1	23.7	14.2	9.5
-70°	108.8	94.7	80.5	71.0	61.5	47.3	42.6	33.1	23.7	14.2	9.5
-72.5°	94.7	85.2	75.7	66.3	56.8	52.1	42.6	33.1	18.9	14.2	9.5
-75°	89.9	80.5	71.0	66.3	61.5	52.1	42.6	28.4	18.9	14.2	9.5
-77.5°	89.9	80.5	75.7	71.0	61.5	52.1	37.9	23.7	14.2	14.2	9.5
-80°	89.9	85.2	80.5	66.3	56.8	42.6	28.4	23.7	14.2	9.5	4.7
-82.5°	80.5	66.3	56.8	47.3	42.6	33.1	23.7	18.9	9.5	9.5	4.7
-85°	52.1	42.6	37.9	33.1	28.4	23.7	14.2	9.5	9.5	4.7	4.7
-87.5°	23.7	23.7	18.9	14.2	14.2	9.5	9.5	4.7	4.7	4.7	0.0
-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: P724263  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-22-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°	4.7	0.0	0.0	0.0
77.5°	4.7	0.0	0.0	0.0
75°	4.7	4.7	0.0	0.0
72.5°	4.7	4.7	0.0	0.0
70°	4.7	4.7	0.0	0.0
67.5°	4.7	4.7	0.0	0.0
65°	4.7	4.7	0.0	0.0
62.5°	4.7	4.7	0.0	0.0
60°	4.7	4.7	0.0	0.0
57.5°	4.7	4.7	4.7	0.0
55°	4.7	4.7	4.7	0.0
52.5°	4.7	4.7	4.7	0.0
50°	4.7	4.7	4.7	0.0
47.5°	4.7	4.7	4.7	0.0
45°	4.7	4.7	4.7	0.0
42.5°	4.7	4.7	4.7	0.0
40°	4.7	4.7	4.7	0.0
37.5°	4.7	4.7	4.7	0.0
35°	4.7	4.7	4.7	0.0
32.5°	4.7	4.7	4.7	0.0
30°	4.7	4.7	4.7	0.0
27.5°	4.7	4.7	4.7	0.0
25°	4.7	4.7	4.7	0.0
22.5°	4.7	4.7	4.7	0.0
20°	4.7	4.7	4.7	0.0
17.5°	4.7	4.7	4.7	0.0
15°	4.7	4.7	4.7	0.0
12.5°	4.7	4.7	4.7	0.0
10°	4.7	4.7	4.7	0.0
7.5°	4.7	4.7	4.7	0.0
5°	4.7	4.7	4.7	0.0
2.5°	4.7	4.7	4.7	0.0
0°	4.7	4.7	4.7	0.0
-2.5°	4.7	4.7	4.7	0.0
-5°	4.7	4.7	4.7	0.0
-7.5°	4.7	4.7	4.7	0.0
-10°	4.7	4.7	4.7	0.0
-12.5°	4.7	4.7	4.7	0.0
-15°	4.7	4.7	4.7	0.0
-17.5°	4.7	4.7	4.7	0.0
-20°	4.7	4.7	4.7	0.0



REPORT NUMBER: P724263  
 CATALOG NUMBER: IFLD-L-SA7B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.7	4.7	4.7	0.0
-25°	4.7	4.7	4.7	0.0
-27.5°	4.7	4.7	4.7	0.0
-30°	4.7	4.7	4.7	0.0
-32.5°	4.7	4.7	4.7	0.0
-35°	4.7	4.7	4.7	0.0
-37.5°	4.7	4.7	4.7	0.0
-40°	4.7	4.7	4.7	0.0
-42.5°	4.7	4.7	4.7	0.0
-45°	4.7	4.7	4.7	0.0
-47.5°	4.7	4.7	4.7	0.0
-50°	4.7	4.7	4.7	0.0
-52.5°	4.7	4.7	4.7	0.0
-55°	4.7	4.7	4.7	0.0
-57.5°	4.7	4.7	4.7	0.0
-60°	4.7	4.7	0.0	0.0
-62.5°	4.7	4.7	0.0	0.0
-65°	4.7	4.7	0.0	0.0
-67.5°	4.7	4.7	0.0	0.0
-70°	4.7	4.7	0.0	0.0
-72.5°	4.7	4.7	0.0	0.0
-75°	4.7	4.7	0.0	0.0
-77.5°	4.7	0.0	0.0	0.0
-80°	4.7	0.0	0.0	0.0
-82.5°	4.7	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)