

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: P724076

Luminaire Tested: **IFLD-S-SA3D-730-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724076  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-730-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

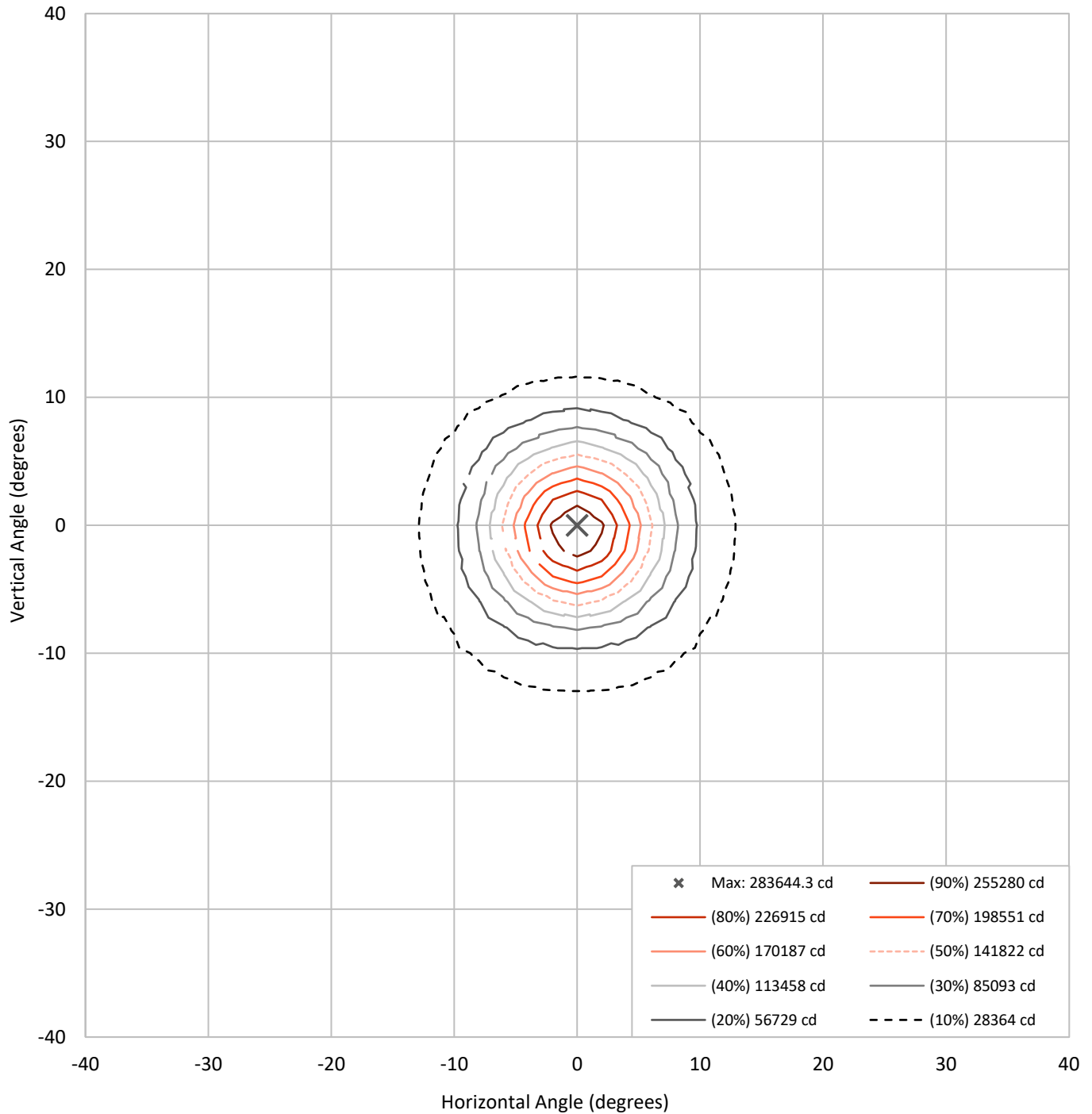
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19812.6 lumens	Max Intensity:	283644.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6198.3 lumens	Field Lumens:	14103.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 184.1  
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





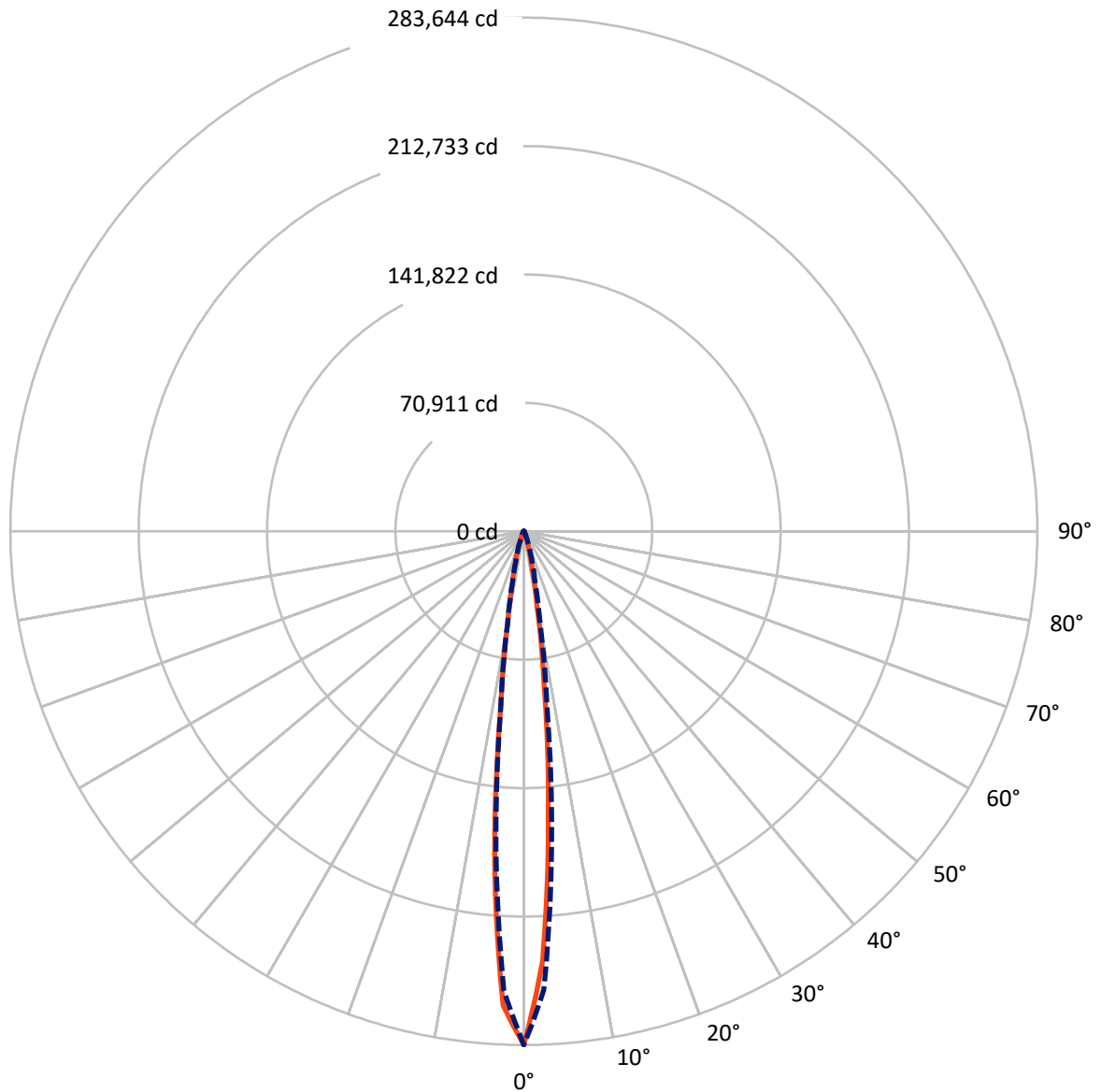
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### Lumen Table

90	0.1	1.2		1.0		0.5		0.0		0.5		1.0		1.2		0.1
80	0.1	1.2		1.0		0.5		0.0		0.5		1.0		1.2		0.1
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2
60		0.1	0.2	0.5	1.0	1.5	1.9	2.2	2.2	1.9	1.5	1.0	0.5	0.2	0.1	
50	0.1	0.2	0.6	1.6	2.8	4.0	5.3	6.2	6.2	5.3	4.0	2.8	1.6	0.6	0.2	0.1
40		0.3	1.4	3.0	5.1	8.0	12.0	14.4	14.4	12.0	8.0	5.1	3.0	1.4	0.3	
30	0.2	0.6	2.1	4.4	8.0	13.7	26.4	42.6	42.6	26.4	13.7	8.0	4.4	2.1	0.6	0.2
20		0.9	2.8	5.9	12.1	29.9	156.1	394.9	394.9	156.1	29.9	12.1	5.9	2.8	0.9	
10	0.3	1.1	3.4	7.0	14.7	60.7	502.7	3098.0	3098.0	502.7	60.7	14.7	7.0	3.4	1.1	0.3
0		1.3	3.7	7.4	15.3	69.2	553.2	3411.7	3411.7	553.2	69.2	15.3	7.4	3.7	1.3	
-10	0.4	1.4	3.9	7.4	14.4	41.5	248.3	598.3	598.3	248.3	41.5	14.4	7.4	3.9	1.4	0.4
-20		1.4	3.8	7.0	12.2	21.1	51.3	96.4	96.4	51.3	21.1	12.2	7.0	3.8	1.4	
-30	0.4	1.2	3.5	6.5	10.1	15.0	21.2	24.9	24.9	21.2	15.0	10.1	6.5	3.5	1.2	0.4
-40		1.1	3.0	5.8	8.8	11.6	14.7	16.4	16.4	14.7	11.6	8.8	5.8	3.0	1.1	
-50	0.4	0.9	2.4	4.9	7.7	10.2	12.5	13.6	13.6	12.5	10.2	7.7	4.9	2.4	0.9	0.4
-60		0.7	1.8	3.6	5.9	8.1	10.2	11.4	11.4	10.2	8.1	5.9	3.6	1.8	0.7	
-70	0.4	0.9	2.4	4.9	7.7	10.2	12.5	13.6	13.6	12.5	10.2	7.7	4.9	2.4	0.9	0.4
-80		0.7	1.8	3.6	5.9	8.1	10.2	11.4	11.4	10.2	8.1	5.9	3.6	1.8	0.7	
-90	0.2	2.7		7.4		13.7		16.5		13.7		7.4		2.7		0.2

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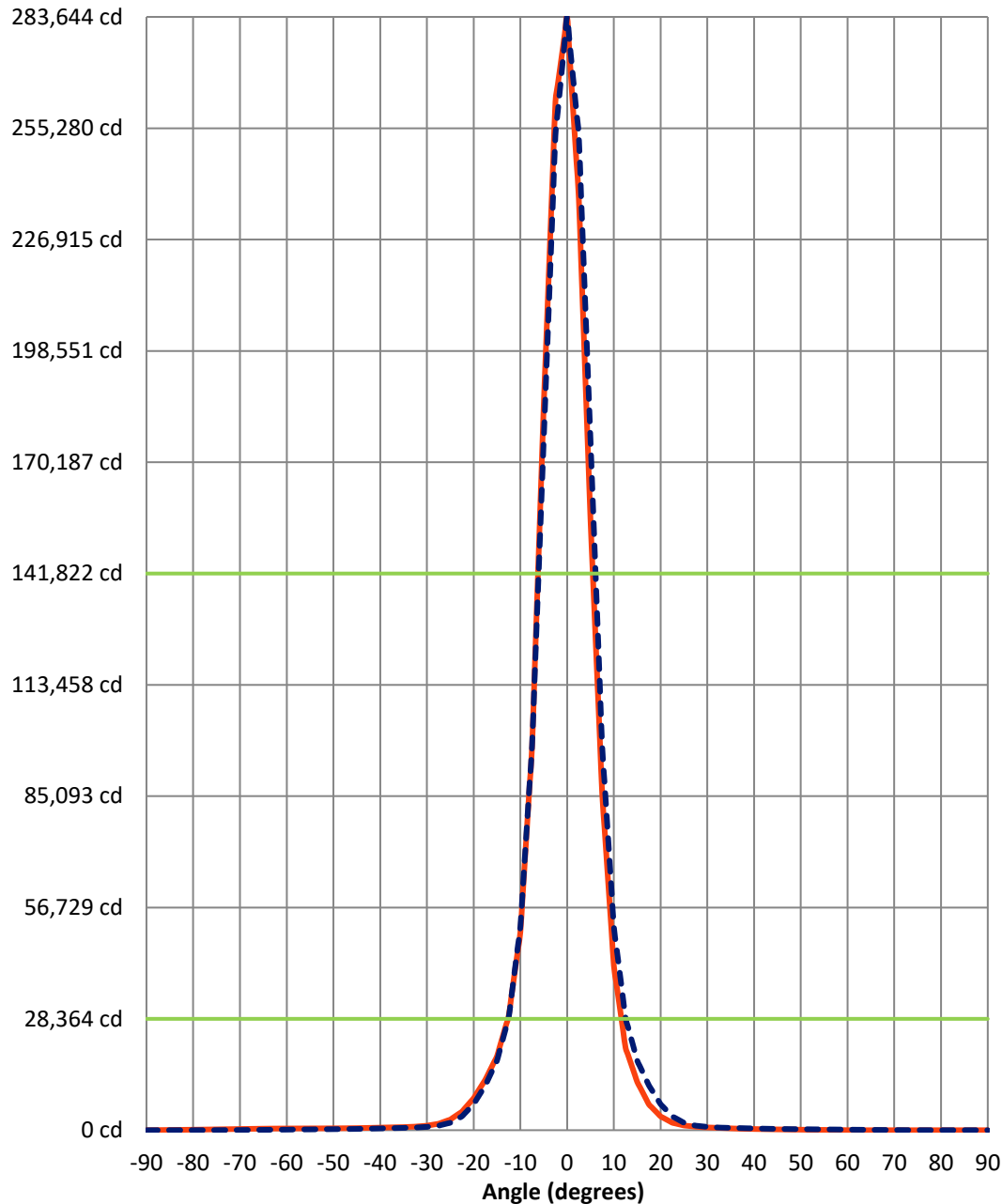
### Luminous Intensity Polar Plot



— 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: 6198.3  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 14103.4  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 5709.2  
 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	3.5	3.5
85°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	7.1	7.1
82.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.1	7.1	7.1
80°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	7.1	7.1	7.1
77.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	7.1
75°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
62.5°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
60°	7.1	7.1	7.1	7.1	10.6	10.6	14.2	14.2	14.2	7.1	14.2
57.5°	56.8	56.8	53.2	49.7	46.1	42.6	42.6	42.6	42.6	42.6	35.5
55°	78.1	78.1	78.1	74.5	74.5	71.0	67.4	63.9	63.9	60.3	56.8
52.5°	92.3	92.3	92.3	92.3	88.7	88.7	88.7	85.2	78.1	78.1	74.5
50°	131.3	127.8	127.8	127.8	127.8	120.7	117.1	110.0	106.5	102.9	99.4
47.5°	170.4	170.4	166.8	166.8	163.3	156.2	149.1	142.0	134.9	131.3	124.2
45°	202.3	202.3	198.8	198.8	195.2	188.1	177.5	166.8	159.7	152.6	145.5
42.5°	248.5	244.9	241.4	237.8	230.7	220.1	205.9	191.7	181.0	170.4	163.3
40°	298.2	298.2	294.6	291.1	280.4	269.8	252.0	234.3	216.5	195.2	184.6
37.5°	358.5	362.0	365.6	365.6	358.5	344.3	319.5	298.2	269.8	241.4	227.2
35°	468.5	468.5	475.6	475.6	465.0	447.2	429.5	383.3	347.9	312.4	280.4
32.5°	589.2	592.8	578.6	567.9	553.7	532.4	500.5	461.4	422.4	376.2	340.8
30°	706.4	706.4	688.6	667.3	638.9	603.4	564.4	521.8	475.6	429.5	386.9
27.5°	890.9	873.2	859.0	823.5	773.8	706.4	656.7	589.2	528.9	475.6	429.5
25°	1196.2	1192.6	1160.7	1100.3	1001.0	894.5	812.8	699.3	607.0	525.3	472.1
22.5°	1902.5	1877.7	1803.1	1654.1	1419.8	1235.2	1068.4	890.9	724.1	614.1	528.9
20°	3517.6	3435.9	3237.1	2825.4	2300.1	1938.0	1522.7	1224.6	944.2	738.3	610.5
17.5°	6563.0	6509.8	6435.2	5484.0	4415.6	3648.9	2715.4	1877.7	1341.7	965.5	724.1
15°	12302.6	11908.6	11085.1	9945.7	8451.4	6531.1	4802.5	3031.3	1916.7	1284.9	919.3
12.5°	21030.8	20594.2	18468.1	15617.8	12930.8	10197.7	7159.3	4607.3	2729.6	1632.8	1089.7
10°	41905.4	38735.7	32783.2	24466.7	19096.3	14240.6	10052.2	6286.2	3553.1	2062.3	1292.0
7.5°	85830.5	75473.1	58158.6	41057.1	26575.1	18677.5	12838.5	8220.6	4735.0	2580.5	1476.6
5°	155564.0	137188.3	103354.4	62233.4	38590.2	23409.0	15234.5	9775.3	5604.7	3002.9	1661.2
2.5°	237536.2	213765.2	149423.4	85575.0	47584.6	27072.1	16909.8	10797.6	6158.4	3290.4	1803.1
0°	283644.3	253367.0	175970.1	97973.4	51868.9	28626.7	17729.8	11411.7	6626.9	3524.7	1895.4
-2.5°	262017.2	237642.7	161718.9	91009.2	49565.3	27945.2	17846.9	11564.3	6705.0	3588.5	1938.0
-5°	184670.0	164665.0	111898.1	67160.1	42054.5	25741.0	16838.8	10989.3	6488.5	3496.3	1920.3
-7.5°	97700.1	88648.8	66361.5	48259.0	30696.1	21786.8	15159.9	9970.6	5927.7	3247.8	1813.8
-10°	50477.5	48621.1	41898.3	31583.5	24839.4	18251.5	12937.9	8525.9	4955.1	2797.0	1632.8
-12.5°	29102.4	28786.5	26624.8	22855.2	19046.6	14993.1	10616.6	6953.5	4135.2	2317.8	1377.2
-15°	18844.3	18979.2	18226.7	16657.8	14489.1	11220.0	8156.8	5171.6	3059.7	1877.7	1213.9
-17.5°	12859.8	12824.4	12473.0	11397.5	9651.1	7578.2	5405.9	3652.4	2317.8	1462.4	1008.1
-20°	8135.5	8149.7	7823.1	7081.3	5796.3	4671.1	3364.9	2463.4	1643.4	1150.0	890.9



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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°	4720.8	4731.5	4525.6	4106.8	3432.4	2768.6	2186.5	1629.2	1210.4	958.4	780.9
-25°	2711.8	2669.2	2587.6	2385.3	2069.4	1707.3	1451.7	1146.5	969.0	812.8	713.4
-27.5°	1643.4	1615.0	1572.4	1483.7	1359.5	1178.4	1061.3	926.4	823.5	731.2	670.9
-30°	1146.5	1157.1	1121.6	1075.5	1018.7	937.1	873.2	809.3	741.8	685.1	628.3
-32.5°	912.2	919.3	901.6	883.8	855.4	823.5	784.4	738.3	685.1	631.8	578.6
-35°	784.4	788.0	788.0	784.4	777.3	752.5	724.1	681.5	631.8	582.1	536.0
-37.5°	720.5	724.1	724.1	720.5	709.9	688.6	660.2	624.7	578.6	532.4	496.9
-40°	653.1	656.7	653.1	646.0	635.4	614.1	592.8	564.4	528.9	489.8	457.9
-42.5°	589.2	585.7	582.1	575.0	564.4	550.2	532.4	511.1	486.3	457.9	433.0
-45°	528.9	528.9	525.3	521.8	514.7	504.0	493.4	475.6	457.9	436.6	415.3
-47.5°	496.9	496.9	493.4	489.8	486.3	479.2	468.5	454.3	440.1	422.4	404.6
-50°	475.6	475.6	475.6	472.1	468.5	461.4	450.8	440.1	425.9	408.2	390.4
-52.5°	461.4	461.4	461.4	457.9	454.3	450.8	440.1	425.9	408.2	394.0	379.8
-55°	454.3	450.8	450.8	447.2	443.7	440.1	425.9	411.7	397.5	383.3	369.1
-57.5°	443.7	440.1	440.1	436.6	433.0	429.5	415.3	401.1	386.9	369.1	358.5
-60°	433.0	429.5	429.5	422.4	418.8	415.3	401.1	386.9	372.7	358.5	344.3
-62.5°	418.8	415.3	411.7	408.2	401.1	394.0	383.3	369.1	351.4	337.2	323.0
-65°	386.9	383.3	379.8	376.2	372.7	369.1	358.5	340.8	326.6	312.4	298.2
-67.5°	347.9	347.9	347.9	340.8	337.2	330.1	323.0	308.8	294.6	280.4	269.8
-70°	301.7	301.7	301.7	294.6	291.1	287.5	276.9	266.2	255.6	244.9	230.7
-72.5°	255.6	252.0	252.0	248.5	241.4	237.8	230.7	223.6	213.0	205.9	195.2
-75°	209.4	205.9	205.9	202.3	198.8	195.2	188.1	184.6	177.5	170.4	159.7
-77.5°	166.8	166.8	166.8	163.3	159.7	156.2	152.6	149.1	145.5	138.4	131.3
-80°	127.8	127.8	127.8	127.8	127.8	127.8	127.8	124.2	117.1	113.6	110.0
-82.5°	92.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	92.3	88.7	85.2
-85°	60.3	63.9	63.9	67.4	71.0	71.0	74.5	71.0	67.4	60.3	56.8
-87.5°	31.9	31.9	31.9	31.9	31.9	31.9	31.9	28.4	28.4	28.4	24.8
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	10.6	10.6	10.6	14.2	14.2	14.2	14.2
82.5°	7.1	10.6	10.6	10.6	14.2	14.2	17.7	21.3	28.4	31.9	31.9
80°	7.1	10.6	10.6	10.6	14.2	14.2	17.7	17.7	21.3	24.8	31.9
77.5°	7.1	7.1	10.6	10.6	10.6	14.2	14.2	17.7	17.7	21.3	24.8
75°	3.5	7.1	7.1	7.1	10.6	10.6	14.2	14.2	17.7	17.7	21.3
72.5°	3.5	7.1	7.1	7.1	10.6	10.6	14.2	14.2	14.2	17.7	17.7
70°	3.5	7.1	7.1	7.1	7.1	10.6	10.6	10.6	14.2	14.2	14.2
67.5°	3.5	3.5	3.5	7.1	7.1	7.1	7.1	10.6	10.6	10.6	14.2
65°	3.5	3.5	3.5	3.5	7.1	7.1	7.1	7.1	10.6	10.6	10.6
62.5°	3.5	3.5	3.5	7.1	7.1	7.1	7.1	7.1	10.6	10.6	10.6
60°	14.2	14.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
57.5°	31.9	31.9	28.4	24.8	21.3	21.3	17.7	14.2	14.2	10.6	10.6
55°	53.2	49.7	46.1	39.0	35.5	31.9	28.4	21.3	17.7	14.2	10.6
52.5°	67.4	63.9	60.3	56.8	49.7	42.6	39.0	35.5	28.4	21.3	17.7
50°	99.4	88.7	81.6	74.5	67.4	60.3	53.2	49.7	39.0	31.9	24.8
47.5°	120.7	113.6	102.9	95.8	88.7	78.1	67.4	60.3	53.2	42.6	31.9
45°	138.4	131.3	120.7	113.6	106.5	95.8	85.2	74.5	67.4	56.8	42.6
42.5°	156.2	149.1	138.4	131.3	120.7	110.0	99.4	88.7	78.1	71.0	56.8
40°	181.0	170.4	156.2	149.1	142.0	127.8	113.6	102.9	92.3	81.6	67.4
37.5°	213.0	202.3	184.6	170.4	159.7	149.1	134.9	120.7	110.0	95.8	81.6
35°	262.7	244.9	220.1	198.8	184.6	170.4	152.6	138.4	124.2	110.0	95.8
32.5°	312.4	284.0	252.0	227.2	205.9	188.1	170.4	156.2	138.4	120.7	106.5
30°	351.4	319.5	287.5	252.0	227.2	205.9	188.1	170.4	152.6	134.9	117.1
27.5°	390.4	355.0	319.5	284.0	248.5	220.1	202.3	184.6	166.8	149.1	127.8
25°	429.5	390.4	355.0	315.9	273.3	241.4	216.5	202.3	184.6	163.3	138.4
22.5°	465.0	429.5	394.0	351.4	301.7	259.1	234.3	216.5	198.8	173.9	152.6
20°	532.4	486.3	443.7	390.4	333.7	291.1	259.1	234.3	213.0	188.1	163.3
17.5°	621.2	553.7	496.9	436.6	379.8	326.6	280.4	252.0	230.7	202.3	173.9
15°	734.7	617.6	546.6	486.3	418.8	358.5	308.8	269.8	241.4	213.0	188.1
12.5°	819.9	667.3	589.2	532.4	461.4	394.0	330.1	284.0	252.0	223.6	195.2
10°	915.8	720.5	624.7	560.8	486.3	411.7	344.3	294.6	259.1	234.3	205.9
7.5°	993.9	763.1	642.5	571.5	500.5	425.9	358.5	305.3	269.8	241.4	213.0
5°	1064.9	798.6	656.7	575.0	507.6	436.6	365.6	312.4	276.9	248.5	220.1
2.5°	1114.5	830.6	670.9	582.1	514.7	443.7	376.2	319.5	284.0	255.6	227.2
0°	1157.1	841.2	667.3	582.1	518.2	443.7	379.8	323.0	287.5	259.1	230.7
-2.5°	1171.3	859.0	685.1	589.2	525.3	450.8	386.9	326.6	291.1	262.7	237.8
-5°	1171.3	844.8	685.1	596.3	528.9	454.3	386.9	330.1	294.6	266.2	237.8
-7.5°	1128.7	823.5	681.5	603.4	532.4	457.9	386.9	333.7	298.2	269.8	241.4
-10°	1054.2	791.5	678.0	607.0	532.4	454.3	386.9	333.7	298.2	269.8	244.9
-12.5°	933.5	748.9	660.2	599.9	525.3	447.2	383.3	333.7	298.2	273.3	244.9
-15°	873.2	713.4	638.9	578.6	507.6	436.6	376.2	330.1	298.2	273.3	248.5
-17.5°	791.5	685.1	617.6	557.3	493.4	425.9	369.1	330.1	298.2	269.8	248.5
-20°	734.7	653.1	592.8	539.5	475.6	415.3	365.6	326.6	298.2	269.8	248.5



REPORT NUMBER: P724076

CATALOG NUMBER: IFLD-S-SA3D-730-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°	685.1	617.6	564.4	511.1	454.3	401.1	358.5	323.0	294.6	269.8	248.5
-25°	646.0	585.7	536.0	486.3	436.6	390.4	351.4	319.5	291.1	269.8	244.9
-27.5°	610.5	553.7	507.6	461.4	415.3	379.8	344.3	315.9	291.1	266.2	241.4
-30°	571.5	525.3	479.2	436.6	404.6	369.1	337.2	308.8	287.5	262.7	237.8
-32.5°	532.4	489.8	450.8	418.8	390.4	362.0	333.7	305.3	280.4	255.6	230.7
-35°	496.9	457.9	429.5	401.1	379.8	355.0	326.6	298.2	276.9	252.0	230.7
-37.5°	461.4	433.0	408.2	386.9	365.6	344.3	315.9	291.1	269.8	244.9	220.1
-40°	433.0	411.7	394.0	376.2	355.0	330.1	308.8	284.0	262.7	237.8	209.4
-42.5°	415.3	397.5	379.8	362.0	344.3	323.0	301.7	276.9	255.6	230.7	202.3
-45°	397.5	383.3	369.1	355.0	337.2	315.9	291.1	266.2	244.9	220.1	198.8
-47.5°	386.9	372.7	358.5	347.9	333.7	305.3	284.0	259.1	234.3	213.0	188.1
-50°	376.2	362.0	351.4	337.2	319.5	294.6	273.3	248.5	227.2	202.3	181.0
-52.5°	365.6	351.4	337.2	323.0	305.3	284.0	262.7	241.4	216.5	191.7	170.4
-55°	355.0	340.8	326.6	312.4	294.6	276.9	255.6	227.2	202.3	177.5	156.2
-57.5°	344.3	333.7	315.9	298.2	280.4	262.7	237.8	213.0	188.1	163.3	145.5
-60°	330.1	315.9	301.7	280.4	262.7	241.4	220.1	198.8	173.9	152.6	134.9
-62.5°	308.8	294.6	280.4	259.1	241.4	223.6	205.9	181.0	163.3	142.0	124.2
-65°	284.0	269.8	255.6	237.8	220.1	202.3	188.1	166.8	149.1	131.3	117.1
-67.5°	255.6	241.4	230.7	213.0	198.8	181.0	166.8	149.1	131.3	117.1	102.9
-70°	220.1	209.4	198.8	184.6	170.4	156.2	142.0	127.8	113.6	102.9	88.7
-72.5°	188.1	177.5	166.8	156.2	145.5	131.3	120.7	110.0	99.4	88.7	81.6
-75°	152.6	145.5	138.4	131.3	120.7	110.0	102.9	92.3	85.2	78.1	74.5
-77.5°	127.8	120.7	113.6	106.5	99.4	92.3	85.2	78.1	74.5	71.0	67.4
-80°	102.9	99.4	95.8	88.7	85.2	78.1	74.5	67.4	67.4	67.4	67.4
-82.5°	81.6	78.1	74.5	71.0	67.4	63.9	63.9	60.3	63.9	63.9	60.3
-85°	56.8	53.2	49.7	49.7	46.1	46.1	42.6	42.6	42.6	39.0	39.0
-87.5°	24.8	24.8	24.8	24.8	21.3	21.3	21.3	21.3	21.3	17.7	17.7
-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: P724076  
 CATALOG NUMBER: IFLD-S-SA3D-730-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°	7.1	7.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	14.2	14.2	10.6	10.6	10.6	7.1	7.1	3.5	3.5	3.5	3.5
82.5°	31.9	28.4	24.8	21.3	17.7	14.2	10.6	7.1	7.1	3.5	3.5
80°	39.0	39.0	39.0	35.5	28.4	21.3	14.2	10.6	7.1	3.5	3.5
77.5°	28.4	28.4	31.9	35.5	35.5	28.4	17.7	10.6	7.1	7.1	3.5
75°	21.3	21.3	21.3	24.8	28.4	28.4	21.3	14.2	7.1	7.1	3.5
72.5°	21.3	21.3	21.3	21.3	21.3	21.3	21.3	14.2	10.6	7.1	7.1
70°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	14.2	10.6	7.1	7.1
67.5°	14.2	14.2	17.7	17.7	17.7	14.2	14.2	14.2	10.6	7.1	7.1
65°	10.6	14.2	14.2	17.7	14.2	14.2	14.2	10.6	10.6	7.1	7.1
62.5°	10.6	10.6	14.2	14.2	14.2	14.2	10.6	10.6	10.6	7.1	7.1
60°	10.6	10.6	10.6	14.2	10.6	10.6	10.6	10.6	10.6	7.1	7.1
57.5°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	7.1	7.1	7.1	7.1
55°	10.6	10.6	10.6	10.6	10.6	10.6	7.1	7.1	7.1	7.1	7.1
52.5°	14.2	10.6	10.6	10.6	10.6	10.6	7.1	7.1	7.1	7.1	7.1
50°	17.7	10.6	10.6	10.6	10.6	7.1	7.1	7.1	7.1	7.1	7.1
47.5°	24.8	17.7	14.2	10.6	10.6	7.1	7.1	7.1	7.1	7.1	3.5
45°	35.5	24.8	17.7	14.2	10.6	7.1	7.1	7.1	7.1	7.1	3.5
42.5°	42.6	31.9	21.3	17.7	14.2	10.6	7.1	7.1	7.1	3.5	3.5
40°	53.2	42.6	28.4	21.3	14.2	10.6	7.1	7.1	7.1	3.5	3.5
37.5°	67.4	53.2	35.5	24.8	17.7	10.6	10.6	7.1	7.1	3.5	3.5
35°	78.1	60.3	46.1	28.4	21.3	14.2	10.6	7.1	7.1	3.5	3.5
32.5°	88.7	71.0	56.8	35.5	24.8	17.7	14.2	7.1	7.1	3.5	3.5
30°	99.4	81.6	63.9	46.1	31.9	21.3	14.2	7.1	7.1	3.5	3.5
27.5°	110.0	88.7	71.0	53.2	35.5	24.8	17.7	10.6	7.1	3.5	3.5
25°	120.7	99.4	78.1	60.3	39.0	28.4	17.7	10.6	7.1	7.1	3.5
22.5°	127.8	110.0	88.7	67.4	46.1	31.9	21.3	14.2	7.1	7.1	3.5
20°	138.4	120.7	95.8	74.5	53.2	35.5	21.3	14.2	7.1	7.1	3.5
17.5°	149.1	127.8	102.9	81.6	60.3	39.0	24.8	17.7	7.1	7.1	3.5
15°	159.7	134.9	110.0	85.2	63.9	42.6	24.8	17.7	7.1	7.1	3.5
12.5°	170.4	145.5	117.1	92.3	67.4	46.1	28.4	21.3	10.6	7.1	3.5
10°	177.5	152.6	124.2	95.8	71.0	53.2	31.9	21.3	10.6	7.1	3.5
7.5°	188.1	159.7	131.3	102.9	74.5	56.8	35.5	21.3	10.6	7.1	3.5
5°	191.7	166.8	134.9	110.0	78.1	60.3	39.0	24.8	10.6	7.1	3.5
2.5°	195.2	173.9	138.4	113.6	81.6	60.3	39.0	24.8	14.2	7.1	3.5
0°	198.8	177.5	142.0	117.1	85.2	63.9	42.6	24.8	14.2	7.1	3.5
-2.5°	202.3	181.0	149.1	120.7	88.7	67.4	46.1	24.8	14.2	7.1	3.5
-5°	205.9	181.0	156.2	124.2	92.3	67.4	46.1	28.4	17.7	7.1	3.5
-7.5°	209.4	184.6	159.7	127.8	95.8	67.4	49.7	28.4	17.7	10.6	3.5
-10°	213.0	188.1	163.3	131.3	95.8	71.0	49.7	28.4	17.7	10.6	3.5
-12.5°	216.5	191.7	163.3	131.3	99.4	71.0	49.7	31.9	17.7	10.6	3.5
-15°	220.1	191.7	163.3	131.3	99.4	74.5	53.2	31.9	17.7	10.6	7.1
-17.5°	220.1	191.7	163.3	134.9	99.4	74.5	53.2	31.9	17.7	10.6	7.1
-20°	220.1	191.7	163.3	134.9	99.4	74.5	53.2	31.9	17.7	10.6	7.1



REPORT NUMBER: P724076  
 CATALOG NUMBER: IFLD-S-SA3D-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	216.5	188.1	163.3	131.3	99.4	74.5	53.2	31.9	21.3	10.6	7.1
-25°	216.5	188.1	163.3	131.3	99.4	74.5	49.7	31.9	21.3	10.6	7.1
-27.5°	213.0	188.1	159.7	127.8	95.8	71.0	49.7	31.9	21.3	10.6	7.1
-30°	209.4	184.6	156.2	124.2	95.8	71.0	49.7	31.9	21.3	10.6	7.1
-32.5°	205.9	177.5	152.6	120.7	92.3	67.4	49.7	31.9	21.3	10.6	7.1
-35°	198.8	173.9	145.5	117.1	88.7	67.4	46.1	31.9	21.3	14.2	7.1
-37.5°	191.7	166.8	142.0	113.6	85.2	63.9	46.1	31.9	21.3	14.2	7.1
-40°	184.6	163.3	134.9	106.5	81.6	60.3	46.1	31.9	21.3	14.2	10.6
-42.5°	177.5	156.2	131.3	102.9	81.6	60.3	42.6	31.9	21.3	14.2	10.6
-45°	173.9	152.6	124.2	99.4	78.1	60.3	42.6	28.4	21.3	14.2	10.6
-47.5°	166.8	142.0	117.1	95.8	74.5	56.8	39.0	28.4	21.3	14.2	10.6
-50°	156.2	134.9	113.6	92.3	71.0	53.2	39.0	28.4	21.3	14.2	10.6
-52.5°	145.5	124.2	106.5	85.2	67.4	53.2	39.0	28.4	21.3	14.2	10.6
-55°	134.9	117.1	99.4	81.6	63.9	49.7	35.5	28.4	21.3	14.2	10.6
-57.5°	127.8	110.0	92.3	74.5	60.3	46.1	35.5	24.8	17.7	14.2	10.6
-60°	120.7	102.9	85.2	71.0	56.8	46.1	35.5	24.8	17.7	14.2	7.1
-62.5°	110.0	95.8	78.1	67.4	53.2	42.6	31.9	24.8	17.7	14.2	7.1
-65°	99.4	85.2	71.0	60.3	49.7	39.0	31.9	24.8	17.7	14.2	7.1
-67.5°	88.7	78.1	67.4	56.8	46.1	39.0	31.9	24.8	17.7	10.6	7.1
-70°	81.6	71.0	60.3	53.2	46.1	35.5	31.9	24.8	17.7	10.6	7.1
-72.5°	71.0	63.9	56.8	49.7	42.6	39.0	31.9	24.8	14.2	10.6	7.1
-75°	67.4	60.3	53.2	49.7	46.1	39.0	31.9	21.3	14.2	10.6	7.1
-77.5°	67.4	60.3	56.8	53.2	46.1	39.0	28.4	17.7	10.6	10.6	7.1
-80°	67.4	63.9	60.3	49.7	42.6	31.9	21.3	17.7	10.6	7.1	3.5
-82.5°	60.3	49.7	42.6	35.5	31.9	24.8	17.7	14.2	7.1	7.1	3.5
-85°	39.0	31.9	28.4	24.8	21.3	17.7	10.6	7.1	7.1	3.5	3.5
-87.5°	17.7	17.7	14.2	10.6	10.6	7.1	7.1	3.5	3.5	3.5	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: P724076  
 CATALOG NUMBER: IFLD-S-SA3D-730-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	3.5	3.5	0.0	0.0
65°	3.5	3.5	0.0	0.0
62.5°	3.5	3.5	0.0	0.0
60°	3.5	3.5	0.0	0.0
57.5°	3.5	3.5	3.5	0.0
55°	3.5	3.5	3.5	0.0
52.5°	3.5	3.5	3.5	0.0
50°	3.5	3.5	3.5	0.0
47.5°	3.5	3.5	3.5	0.0
45°	3.5	3.5	3.5	0.0
42.5°	3.5	3.5	3.5	0.0
40°	3.5	3.5	3.5	0.0
37.5°	3.5	3.5	3.5	0.0
35°	3.5	3.5	3.5	0.0
32.5°	3.5	3.5	3.5	0.0
30°	3.5	3.5	3.5	0.0
27.5°	3.5	3.5	3.5	0.0
25°	3.5	3.5	3.5	0.0
22.5°	3.5	3.5	3.5	0.0
20°	3.5	3.5	3.5	0.0
17.5°	3.5	3.5	3.5	0.0
15°	3.5	3.5	3.5	0.0
12.5°	3.5	3.5	3.5	0.0
10°	3.5	3.5	3.5	0.0
7.5°	3.5	3.5	3.5	0.0
5°	3.5	3.5	3.5	0.0
2.5°	3.5	3.5	3.5	0.0
0°	3.5	3.5	3.5	0.0
-2.5°	3.5	3.5	3.5	0.0
-5°	3.5	3.5	3.5	0.0
-7.5°	3.5	3.5	3.5	0.0
-10°	3.5	3.5	3.5	0.0
-12.5°	3.5	3.5	3.5	0.0
-15°	3.5	3.5	3.5	0.0
-17.5°	3.5	3.5	3.5	0.0
-20°	3.5	3.5	3.5	0.0



REPORT NUMBER: P724076  
CATALOG NUMBER: IFLD-S-SA3D-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.5	3.5	3.5	0.0
-25°	3.5	3.5	3.5	0.0
-27.5°	3.5	3.5	3.5	0.0
-30°	3.5	3.5	3.5	0.0
-32.5°	3.5	3.5	3.5	0.0
-35°	3.5	3.5	3.5	0.0
-37.5°	3.5	3.5	3.5	0.0
-40°	3.5	3.5	3.5	0.0
-42.5°	3.5	3.5	3.5	0.0
-45°	3.5	3.5	3.5	0.0
-47.5°	3.5	3.5	3.5	0.0
-50°	3.5	3.5	3.5	0.0
-52.5°	3.5	3.5	3.5	0.0
-55°	3.5	3.5	3.5	0.0
-57.5°	3.5	3.5	3.5	0.0
-60°	3.5	3.5	0.0	0.0
-62.5°	3.5	3.5	0.0	0.0
-65°	3.5	3.5	0.0	0.0
-67.5°	3.5	3.5	0.0	0.0
-70°	3.5	3.5	0.0	0.0
-72.5°	3.5	3.5	0.0	0.0
-75°	3.5	3.5	0.0	0.0
-77.5°	3.5	0.0	0.0	0.0
-80°	3.5	0.0	0.0	0.0
-82.5°	3.5	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)