

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: P724253

Luminaire Tested: **IFLD-S-SA6B-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724253  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6B-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (96) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

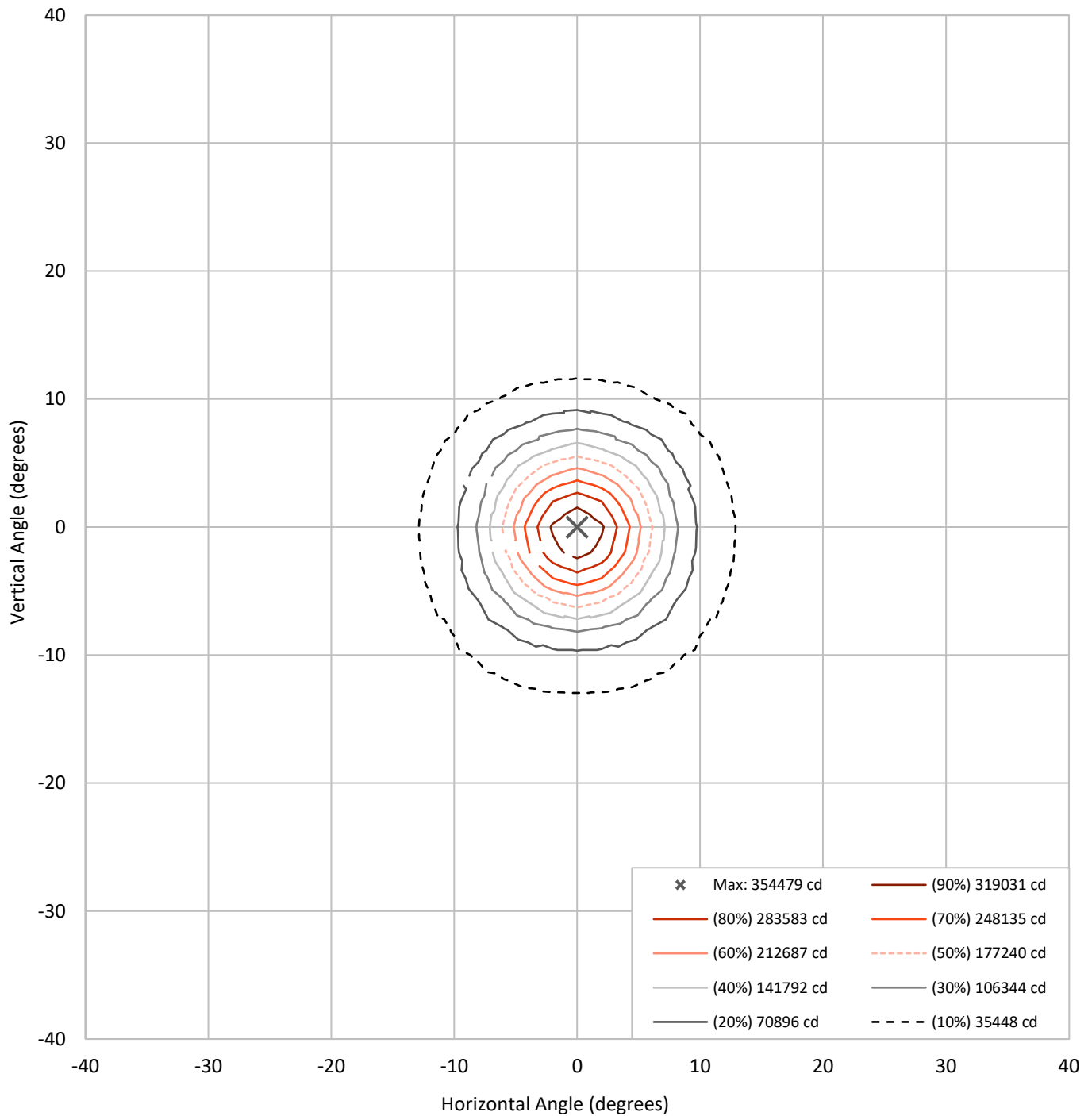
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24760.5 lumens	Max Intensity:	354479 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7746.2 lumens	Field Lumens:	17625.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 244.9  
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





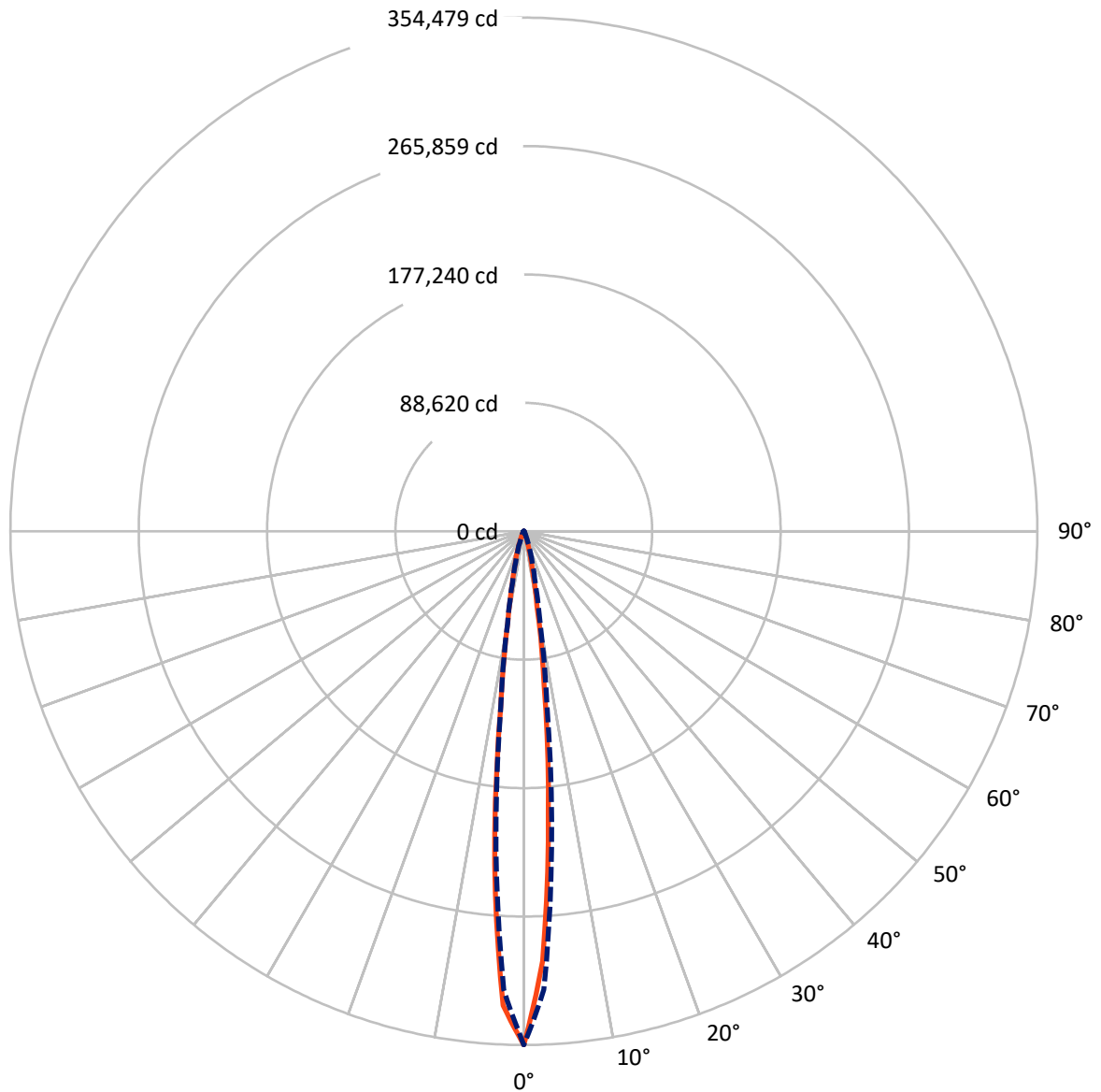
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### Lumen Table

90	0.2	1.5		1.3		0.6		0.1		0.6		1.3		1.5		0.2			
80	0.2	1.5		1.3		0.6		0.1		0.6		1.3		1.5		0.2			
70	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.0	3.5	5.0	6.6	7.8	7.8	6.6	5.0	3.5	2.0	0.8	0.2	0.2			
40		0.4	1.7	3.7	6.3	10.0	15.1	18.0	18.0	15.1	10.0	6.3	3.7	1.7	0.4				
30	0.2	0.7	2.6	5.4	9.9	17.1	33.0	53.3	53.3	33.0	17.1	9.9	5.4	2.6	0.7	0.2			
20		1.1	3.5	7.4	15.1	37.3	195.1	493.5	493.5	195.1	37.3	15.1	7.4	3.5	1.1				
10	0.4	1.4	4.2	8.8	18.4	75.9	628.3	3871.7	3871.7	628.3	75.9	18.4	8.8	4.2	1.4	0.4			
0		1.6	4.6	9.3	19.2	86.4	691.4	4263.7	4263.7	691.4	86.4	19.2	9.3	4.6	1.6				
-10	0.5	1.7	4.8	9.2	18.0	51.8	310.3	747.8	747.8	310.3	51.8	18.0	9.2	4.8	1.7	0.5			
-20		1.7	4.7	8.7	15.2	26.4	64.1	120.5	120.5	64.1	26.4	15.2	8.7	4.7	1.7				
-30	0.5	1.5	4.4	8.1	12.7	18.7	26.5	31.1	31.1	26.5	18.7	12.7	8.1	4.4	1.5	0.5			
-40		1.3	3.8	7.2	11.0	14.6	18.4	20.4	20.4	18.4	14.6	11.0	7.2	3.8	1.3				
-50	0.4	1.1	3.0	6.1	9.7	12.7	15.6	17.0	17.0	15.6	12.7	9.7	6.1	3.0	1.1	0.4			
-60		0.8	2.2	4.5	7.4	10.2	12.8	14.2	14.2	12.8	10.2	7.4	4.5	2.2	0.8				
-70	0.2	3.4		9.3		17.1		20.6		17.1		9.3		3.4		0.2			
-80		3.4		9.3		17.1		20.6		17.1		9.3		3.4					
-90	0.2	3.4		9.3		17.1		20.6		17.1		9.3		3.4		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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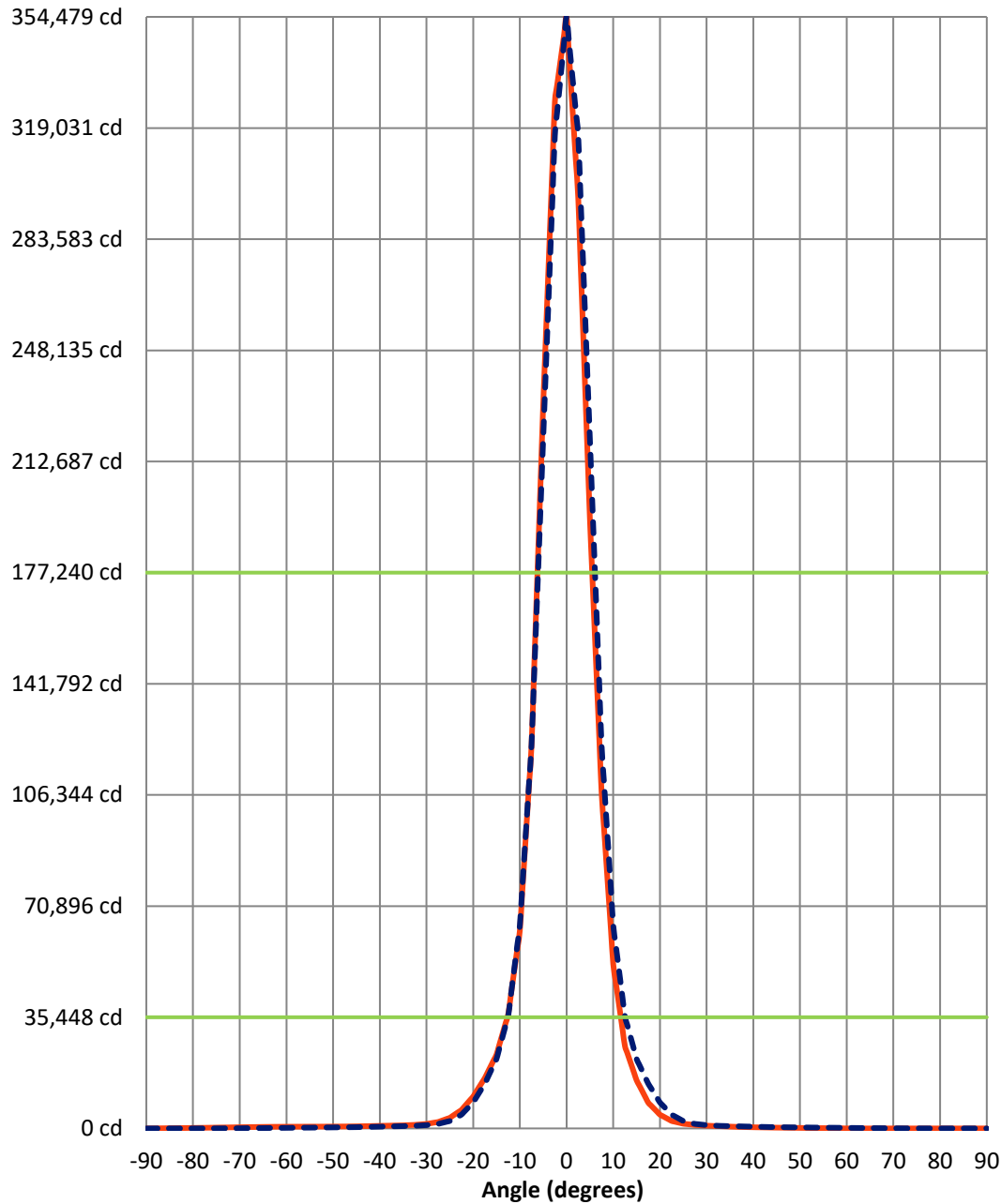
### Luminous Intensity Polar Plot



— 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: 7746.2  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 17625.5  
Efficiency: 71.2%

**Spill:**  
Lumens: 7135  
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	4.4	4.4
85°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	8.9	8.9
82.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.9	8.9	8.9
80°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.9	8.9	8.9
77.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	8.9
75°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
60°	8.9	8.9	8.9	8.9	13.3	13.3	17.7	17.7	17.7	8.9	17.7
57.5°	71.0	71.0	66.5	62.1	57.7	53.2	53.2	53.2	53.2	53.2	44.4
55°	97.6	97.6	97.6	93.2	93.2	88.7	84.3	79.8	79.8	75.4	71.0
52.5°	115.3	115.3	115.3	115.3	110.9	110.9	110.9	106.5	97.6	97.6	93.2
50°	164.1	159.7	159.7	159.7	159.7	150.8	146.4	137.5	133.1	128.6	124.2
47.5°	212.9	212.9	208.5	208.5	204.1	195.2	186.3	177.4	168.6	164.1	155.3
45°	252.8	252.8	248.4	248.4	244.0	235.1	221.8	208.5	199.6	190.7	181.9
42.5°	310.5	306.1	301.6	297.2	288.3	275.0	257.3	239.5	226.2	212.9	204.1
40°	372.6	372.6	368.2	363.7	350.4	337.1	315.0	292.8	270.6	244.0	230.7
37.5°	448.0	452.5	456.9	456.9	448.0	430.3	399.2	372.6	337.1	301.6	283.9
35°	585.5	585.5	594.4	594.4	581.1	558.9	536.7	479.1	434.7	390.4	350.4
32.5°	736.4	740.8	723.1	709.7	692.0	665.4	625.5	576.7	527.9	470.2	425.8
30°	882.7	882.7	860.6	834.0	798.5	754.1	705.3	652.1	594.4	536.7	483.5
27.5°	1113.4	1091.2	1073.5	1029.1	967.0	882.7	820.6	736.4	661.0	594.4	536.7
25°	1494.9	1490.5	1450.5	1375.1	1250.9	1117.9	1015.8	873.9	758.5	656.5	590.0
22.5°	2377.7	2346.6	2253.4	2067.1	1774.4	1543.7	1335.2	1113.4	904.9	767.4	661.0
20°	4396.0	4294.0	4045.6	3531.0	2874.5	2422.0	1903.0	1530.4	1180.0	922.7	763.0
17.5°	8202.0	8135.5	8042.3	6853.5	5518.3	4560.1	3393.5	2346.6	1676.8	1206.6	904.9
15°	15374.9	14882.5	13853.4	12429.5	10561.9	8162.1	6001.8	3788.3	2395.4	1605.8	1148.9
12.5°	26282.8	25737.2	23080.1	19518.1	16160.1	12744.4	8947.3	5757.8	3411.2	2040.5	1361.8
10°	52370.5	48409.2	40970.2	30576.8	23865.3	17796.9	12562.5	7856.0	4440.4	2577.3	1614.7
7.5°	107265.0	94321.0	72682.6	51310.3	33211.8	23341.8	16044.7	10273.6	5917.5	3224.9	1845.3
5°	194413.2	171448.4	129165.2	77775.0	48227.3	29254.9	19039.0	12216.5	7004.3	3752.8	2076.0
2.5°	296856.4	267149.0	186739.0	106945.7	59468.0	33832.8	21132.7	13494.1	7696.3	4112.1	2253.4
0°	354479.0	316640.6	219915.3	122440.3	64822.1	35775.7	22157.4	14261.5	8281.9	4404.9	2368.8
-2.5°	327450.9	296989.4	202105.1	113737.0	61943.2	34924.0	22303.8	14452.2	8379.5	4484.7	2422.0
-5°	230787.7	205786.9	139842.5	83932.1	52556.8	32169.3	21044.0	13733.6	8108.9	4369.4	2399.8
-7.5°	122098.8	110787.2	82934.0	60310.8	38361.9	27227.7	18945.8	12460.5	7408.0	4058.9	2266.8
-10°	63083.3	60763.3	52361.6	39470.8	31042.6	22809.5	16168.9	10655.1	6192.5	3495.5	2040.5
-12.5°	36370.1	35975.3	33273.9	28562.9	23803.2	18737.3	13267.8	8690.0	5167.8	2896.7	1721.1
-15°	23550.3	23718.9	22778.5	20817.8	18107.4	14022.0	10193.7	6463.1	3823.8	2346.6	1517.1
-17.5°	16071.3	16027.0	15587.8	14243.7	12061.3	9470.7	6755.9	4564.6	2896.7	1827.6	1259.8
-20°	10167.1	10184.9	9776.8	8849.7	7243.9	5837.7	4205.3	3078.5	2053.8	1437.2	1113.4



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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°	5899.8	5913.1	5655.8	5132.4	4289.5	3460.0	2732.5	2036.1	1512.6	1197.7	975.9
-25°	3389.0	3335.8	3233.8	2980.9	2586.1	2133.7	1814.3	1432.8	1211.0	1015.8	891.6
-27.5°	2053.8	2018.3	1965.1	1854.2	1699.0	1472.7	1326.3	1157.8	1029.1	913.8	838.4
-30°	1432.8	1446.1	1401.8	1344.1	1273.1	1171.1	1091.2	1011.4	927.1	856.1	785.2
-32.5°	1140.0	1148.9	1126.7	1104.5	1069.1	1029.1	980.3	922.7	856.1	789.6	723.1
-35°	980.3	984.8	984.8	980.3	971.5	940.4	904.9	851.7	789.6	727.5	669.8
-37.5°	900.5	904.9	904.9	900.5	887.2	860.6	825.1	780.7	723.1	665.4	621.0
-40°	816.2	820.6	816.2	807.3	794.0	767.4	740.8	705.3	661.0	612.2	572.2
-42.5°	736.4	731.9	727.5	718.6	705.3	687.6	665.4	638.8	607.7	572.2	541.2
-45°	661.0	661.0	656.5	652.1	643.2	629.9	616.6	594.4	572.2	545.6	519.0
-47.5°	621.0	621.0	616.6	612.2	607.7	598.8	585.5	567.8	550.1	527.9	505.7
-50°	594.4	594.4	594.4	590.0	585.5	576.7	563.4	550.1	532.3	510.1	488.0
-52.5°	576.7	576.7	576.7	572.2	567.8	563.4	550.1	532.3	510.1	492.4	474.6
-55°	567.8	563.4	563.4	558.9	554.5	550.1	532.3	514.6	496.8	479.1	461.3
-57.5°	554.5	550.1	550.1	545.6	541.2	536.7	519.0	501.3	483.5	461.3	448.0
-60°	541.2	536.7	536.7	527.9	523.4	519.0	501.3	483.5	465.8	448.0	430.3
-62.5°	523.4	519.0	514.6	510.1	501.3	492.4	479.1	461.3	439.2	421.4	403.7
-65°	483.5	479.1	474.6	470.2	465.8	461.3	448.0	425.8	408.1	390.4	372.6
-67.5°	434.7	434.7	434.7	425.8	421.4	412.5	403.7	385.9	368.2	350.4	337.1
-70°	377.1	377.1	377.1	368.2	363.7	359.3	346.0	332.7	319.4	306.1	288.3
-72.5°	319.4	315.0	315.0	310.5	301.6	297.2	288.3	279.5	266.2	257.3	244.0
-75°	261.7	257.3	257.3	252.8	248.4	244.0	235.1	230.7	221.8	212.9	199.6
-77.5°	208.5	208.5	208.5	204.1	199.6	195.2	190.7	186.3	181.9	173.0	164.1
-80°	159.7	159.7	159.7	159.7	159.7	159.7	159.7	155.3	146.4	141.9	137.5
-82.5°	115.3	119.8	119.8	119.8	119.8	119.8	119.8	119.8	115.3	110.9	106.5
-85°	75.4	79.8	79.8	84.3	88.7	88.7	93.2	88.7	84.3	75.4	71.0
-87.5°	39.9	39.9	39.9	39.9	39.9	39.9	39.9	35.5	35.5	35.5	31.1
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	8.9	8.9	8.9
85°	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.7	17.7	17.7	17.7
82.5°	8.9	13.3	13.3	13.3	17.7	17.7	22.2	26.6	35.5	39.9	39.9
80°	8.9	13.3	13.3	13.3	17.7	17.7	22.2	22.2	26.6	31.1	39.9
77.5°	8.9	8.9	13.3	13.3	13.3	17.7	17.7	22.2	22.2	26.6	31.1
75°	4.4	8.9	8.9	8.9	13.3	13.3	17.7	17.7	22.2	22.2	26.6
72.5°	4.4	8.9	8.9	8.9	13.3	13.3	17.7	17.7	17.7	22.2	22.2
70°	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.7	17.7	17.7
67.5°	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.7
65°	4.4	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3
62.5°	4.4	4.4	4.4	8.9	8.9	8.9	8.9	8.9	13.3	13.3	13.3
60°	17.7	17.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
57.5°	39.9	39.9	35.5	31.1	26.6	26.6	22.2	17.7	17.7	13.3	13.3
55°	66.5	62.1	57.7	48.8	44.4	39.9	35.5	26.6	22.2	17.7	13.3
52.5°	84.3	79.8	75.4	71.0	62.1	53.2	48.8	44.4	35.5	26.6	22.2
50°	124.2	110.9	102.0	93.2	84.3	75.4	66.5	62.1	48.8	39.9	31.1
47.5°	150.8	141.9	128.6	119.8	110.9	97.6	84.3	75.4	66.5	53.2	39.9
45°	173.0	164.1	150.8	141.9	133.1	119.8	106.5	93.2	84.3	71.0	53.2
42.5°	195.2	186.3	173.0	164.1	150.8	137.5	124.2	110.9	97.6	88.7	71.0
40°	226.2	212.9	195.2	186.3	177.4	159.7	141.9	128.6	115.3	102.0	84.3
37.5°	266.2	252.8	230.7	212.9	199.6	186.3	168.6	150.8	137.5	119.8	102.0
35°	328.3	306.1	275.0	248.4	230.7	212.9	190.7	173.0	155.3	137.5	119.8
32.5°	390.4	354.9	315.0	283.9	257.3	235.1	212.9	195.2	173.0	150.8	133.1
30°	439.2	399.2	359.3	315.0	283.9	257.3	235.1	212.9	190.7	168.6	146.4
27.5°	488.0	443.6	399.2	354.9	310.5	275.0	252.8	230.7	208.5	186.3	159.7
25°	536.7	488.0	443.6	394.8	341.6	301.6	270.6	252.8	230.7	204.1	173.0
22.5°	581.1	536.7	492.4	439.2	377.1	323.8	292.8	270.6	248.4	217.4	190.7
20°	665.4	607.7	554.5	488.0	417.0	363.7	323.8	292.8	266.2	235.1	204.1
17.5°	776.3	692.0	621.0	545.6	474.6	408.1	350.4	315.0	288.3	252.8	217.4
15°	918.2	771.9	683.1	607.7	523.4	448.0	385.9	337.1	301.6	266.2	235.1
12.5°	1024.7	834.0	736.4	665.4	576.7	492.4	412.5	354.9	315.0	279.5	244.0
10°	1144.5	900.5	780.7	700.9	607.7	514.6	430.3	368.2	323.8	292.8	257.3
7.5°	1242.1	953.7	802.9	714.2	625.5	532.3	448.0	381.5	337.1	301.6	266.2
5°	1330.8	998.1	820.6	718.6	634.3	545.6	456.9	390.4	346.0	310.5	275.0
2.5°	1392.9	1038.0	838.4	727.5	643.2	554.5	470.2	399.2	354.9	319.4	283.9
0°	1446.1	1051.3	834.0	727.5	647.6	554.5	474.6	403.7	359.3	323.8	288.3
-2.5°	1463.9	1073.5	856.1	736.4	656.5	563.4	483.5	408.1	363.7	328.3	297.2
-5°	1463.9	1055.7	856.1	745.2	661.0	567.8	483.5	412.5	368.2	332.7	297.2
-7.5°	1410.6	1029.1	851.7	754.1	665.4	572.2	483.5	417.0	372.6	337.1	301.6
-10°	1317.5	989.2	847.3	758.5	665.4	567.8	483.5	417.0	372.6	337.1	306.1
-12.5°	1166.6	936.0	825.1	749.7	656.5	558.9	479.1	417.0	372.6	341.6	306.1
-15°	1091.2	891.6	798.5	723.1	634.3	545.6	470.2	412.5	372.6	341.6	310.5
-17.5°	989.2	856.1	771.9	696.4	616.6	532.3	461.3	412.5	372.6	337.1	310.5
-20°	918.2	816.2	740.8	674.3	594.4	519.0	456.9	408.1	372.6	337.1	310.5



REPORT NUMBER: P724253  
 CATALOG NUMBER: IFLD-S-SA6B-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°	856.1	771.9	705.3	638.8	567.8	501.3	448.0	403.7	368.2	337.1	310.5
-25°	807.3	731.9	669.8	607.7	545.6	488.0	439.2	399.2	363.7	337.1	306.1
-27.5°	763.0	692.0	634.3	576.7	519.0	474.6	430.3	394.8	363.7	332.7	301.6
-30°	714.2	656.5	598.8	545.6	505.7	461.3	421.4	385.9	359.3	328.3	297.2
-32.5°	665.4	612.2	563.4	523.4	488.0	452.5	417.0	381.5	350.4	319.4	288.3
-35°	621.0	572.2	536.7	501.3	474.6	443.6	408.1	372.6	346.0	315.0	288.3
-37.5°	576.7	541.2	510.1	483.5	456.9	430.3	394.8	363.7	337.1	306.1	275.0
-40°	541.2	514.6	492.4	470.2	443.6	412.5	385.9	354.9	328.3	297.2	261.7
-42.5°	519.0	496.8	474.6	452.5	430.3	403.7	377.1	346.0	319.4	288.3	252.8
-45°	496.8	479.1	461.3	443.6	421.4	394.8	363.7	332.7	306.1	275.0	248.4
-47.5°	483.5	465.8	448.0	434.7	417.0	381.5	354.9	323.8	292.8	266.2	235.1
-50°	470.2	452.5	439.2	421.4	399.2	368.2	341.6	310.5	283.9	252.8	226.2
-52.5°	456.9	439.2	421.4	403.7	381.5	354.9	328.3	301.6	270.6	239.5	212.9
-55°	443.6	425.8	408.1	390.4	368.2	346.0	319.4	283.9	252.8	221.8	195.2
-57.5°	430.3	417.0	394.8	372.6	350.4	328.3	297.2	266.2	235.1	204.1	181.9
-60°	412.5	394.8	377.1	350.4	328.3	301.6	275.0	248.4	217.4	190.7	168.6
-62.5°	385.9	368.2	350.4	323.8	301.6	279.5	257.3	226.2	204.1	177.4	155.3
-65°	354.9	337.1	319.4	297.2	275.0	252.8	235.1	208.5	186.3	164.1	146.4
-67.5°	319.4	301.6	288.3	266.2	248.4	226.2	208.5	186.3	164.1	146.4	128.6
-70°	275.0	261.7	248.4	230.7	212.9	195.2	177.4	159.7	141.9	128.6	110.9
-72.5°	235.1	221.8	208.5	195.2	181.9	164.1	150.8	137.5	124.2	110.9	102.0
-75°	190.7	181.9	173.0	164.1	150.8	137.5	128.6	115.3	106.5	97.6	93.2
-77.5°	159.7	150.8	141.9	133.1	124.2	115.3	106.5	97.6	93.2	88.7	84.3
-80°	128.6	124.2	119.8	110.9	106.5	97.6	93.2	84.3	84.3	84.3	84.3
-82.5°	102.0	97.6	93.2	88.7	84.3	79.8	79.8	75.4	79.8	79.8	75.4
-85°	71.0	66.5	62.1	62.1	57.7	57.7	53.2	53.2	53.2	48.8	48.8
-87.5°	31.1	31.1	31.1	31.1	26.6	26.6	26.6	26.6	26.6	22.2	22.2
-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: P724253  
 CATALOG NUMBER: IFLD-S-SA6B-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°	8.9	8.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	17.7	17.7	13.3	13.3	13.3	8.9	8.9	4.4	4.4	4.4	4.4
82.5°	39.9	35.5	31.1	26.6	22.2	17.7	13.3	8.9	8.9	4.4	4.4
80°	48.8	48.8	48.8	44.4	35.5	26.6	17.7	13.3	8.9	4.4	4.4
77.5°	35.5	35.5	39.9	44.4	44.4	35.5	22.2	13.3	8.9	8.9	4.4
75°	26.6	26.6	26.6	31.1	35.5	35.5	26.6	17.7	8.9	8.9	4.4
72.5°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	17.7	13.3	8.9	8.9
70°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	17.7	13.3	8.9	8.9
67.5°	17.7	17.7	22.2	22.2	22.2	17.7	17.7	17.7	13.3	8.9	8.9
65°	13.3	17.7	17.7	22.2	17.7	17.7	17.7	13.3	13.3	8.9	8.9
62.5°	13.3	13.3	17.7	17.7	17.7	17.7	13.3	13.3	13.3	8.9	8.9
60°	13.3	13.3	13.3	17.7	13.3	13.3	13.3	13.3	13.3	8.9	8.9
57.5°	13.3	13.3	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9
55°	13.3	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9
52.5°	17.7	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9
50°	22.2	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9	8.9
47.5°	31.1	22.2	17.7	13.3	13.3	8.9	8.9	8.9	8.9	8.9	4.4
45°	44.4	31.1	22.2	17.7	13.3	8.9	8.9	8.9	8.9	8.9	4.4
42.5°	53.2	39.9	26.6	22.2	17.7	13.3	8.9	8.9	8.9	4.4	4.4
40°	66.5	53.2	35.5	26.6	17.7	13.3	8.9	8.9	8.9	4.4	4.4
37.5°	84.3	66.5	44.4	31.1	22.2	13.3	13.3	8.9	8.9	4.4	4.4
35°	97.6	75.4	57.7	35.5	26.6	17.7	13.3	8.9	8.9	4.4	4.4
32.5°	110.9	88.7	71.0	44.4	31.1	22.2	17.7	8.9	8.9	4.4	4.4
30°	124.2	102.0	79.8	57.7	39.9	26.6	17.7	8.9	8.9	4.4	4.4
27.5°	137.5	110.9	88.7	66.5	44.4	31.1	22.2	13.3	8.9	4.4	4.4
25°	150.8	124.2	97.6	75.4	48.8	35.5	22.2	13.3	8.9	8.9	4.4
22.5°	159.7	137.5	110.9	84.3	57.7	39.9	26.6	17.7	8.9	8.9	4.4
20°	173.0	150.8	119.8	93.2	66.5	44.4	26.6	17.7	8.9	8.9	4.4
17.5°	186.3	159.7	128.6	102.0	75.4	48.8	31.1	22.2	8.9	8.9	4.4
15°	199.6	168.6	137.5	106.5	79.8	53.2	31.1	22.2	8.9	8.9	4.4
12.5°	212.9	181.9	146.4	115.3	84.3	57.7	35.5	26.6	13.3	8.9	4.4
10°	221.8	190.7	155.3	119.8	88.7	66.5	39.9	26.6	13.3	8.9	4.4
7.5°	235.1	199.6	164.1	128.6	93.2	71.0	44.4	26.6	13.3	8.9	4.4
5°	239.5	208.5	168.6	137.5	97.6	75.4	48.8	31.1	13.3	8.9	4.4
2.5°	244.0	217.4	173.0	141.9	102.0	75.4	48.8	31.1	17.7	8.9	4.4
0°	248.4	221.8	177.4	146.4	106.5	79.8	53.2	31.1	17.7	8.9	4.4
-2.5°	252.8	226.2	186.3	150.8	110.9	84.3	57.7	31.1	17.7	8.9	4.4
-5°	257.3	226.2	195.2	155.3	115.3	84.3	57.7	35.5	22.2	8.9	4.4
-7.5°	261.7	230.7	199.6	159.7	119.8	84.3	62.1	35.5	22.2	13.3	4.4
-10°	266.2	235.1	204.1	164.1	119.8	88.7	62.1	35.5	22.2	13.3	4.4
-12.5°	270.6	239.5	204.1	164.1	124.2	88.7	62.1	39.9	22.2	13.3	4.4
-15°	275.0	239.5	204.1	164.1	124.2	93.2	66.5	39.9	22.2	13.3	8.9
-17.5°	275.0	239.5	204.1	168.6	124.2	93.2	66.5	39.9	22.2	13.3	8.9
-20°	275.0	239.5	204.1	168.6	124.2	93.2	66.5	39.9	22.2	13.3	8.9



REPORT NUMBER: P724253  
 CATALOG NUMBER: IFLD-S-SA6B-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°	270.6	235.1	204.1	164.1	124.2	93.2	66.5	39.9	26.6	13.3	8.9
-25°	270.6	235.1	204.1	164.1	124.2	93.2	62.1	39.9	26.6	13.3	8.9
-27.5°	266.2	235.1	199.6	159.7	119.8	88.7	62.1	39.9	26.6	13.3	8.9
-30°	261.7	230.7	195.2	155.3	119.8	88.7	62.1	39.9	26.6	13.3	8.9
-32.5°	257.3	221.8	190.7	150.8	115.3	84.3	62.1	39.9	26.6	13.3	8.9
-35°	248.4	217.4	181.9	146.4	110.9	84.3	57.7	39.9	26.6	17.7	8.9
-37.5°	239.5	208.5	177.4	141.9	106.5	79.8	57.7	39.9	26.6	17.7	8.9
-40°	230.7	204.1	168.6	133.1	102.0	75.4	57.7	39.9	26.6	17.7	13.3
-42.5°	221.8	195.2	164.1	128.6	102.0	75.4	53.2	39.9	26.6	17.7	13.3
-45°	217.4	190.7	155.3	124.2	97.6	75.4	53.2	35.5	26.6	17.7	13.3
-47.5°	208.5	177.4	146.4	119.8	93.2	71.0	48.8	35.5	26.6	17.7	13.3
-50°	195.2	168.6	141.9	115.3	88.7	66.5	48.8	35.5	26.6	17.7	13.3
-52.5°	181.9	155.3	133.1	106.5	84.3	66.5	48.8	35.5	26.6	17.7	13.3
-55°	168.6	146.4	124.2	102.0	79.8	62.1	44.4	35.5	26.6	17.7	13.3
-57.5°	159.7	137.5	115.3	93.2	75.4	57.7	44.4	31.1	22.2	17.7	13.3
-60°	150.8	128.6	106.5	88.7	71.0	57.7	44.4	31.1	22.2	17.7	8.9
-62.5°	137.5	119.8	97.6	84.3	66.5	53.2	39.9	31.1	22.2	17.7	8.9
-65°	124.2	106.5	88.7	75.4	62.1	48.8	39.9	31.1	22.2	17.7	8.9
-67.5°	110.9	97.6	84.3	71.0	57.7	48.8	39.9	31.1	22.2	13.3	8.9
-70°	102.0	88.7	75.4	66.5	57.7	44.4	39.9	31.1	22.2	13.3	8.9
-72.5°	88.7	79.8	71.0	62.1	53.2	48.8	39.9	31.1	17.7	13.3	8.9
-75°	84.3	75.4	66.5	62.1	57.7	48.8	39.9	26.6	17.7	13.3	8.9
-77.5°	84.3	75.4	71.0	66.5	57.7	48.8	35.5	22.2	13.3	13.3	8.9
-80°	84.3	79.8	75.4	62.1	53.2	39.9	26.6	22.2	13.3	8.9	4.4
-82.5°	75.4	62.1	53.2	44.4	39.9	31.1	22.2	17.7	8.9	8.9	4.4
-85°	48.8	39.9	35.5	31.1	26.6	22.2	13.3	8.9	8.9	4.4	4.4
-87.5°	22.2	22.2	17.7	13.3	13.3	8.9	8.9	4.4	4.4	4.4	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: P724253  
 CATALOG NUMBER: IFLD-S-SA6B-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	4.4	4.4	0.0	0.0
65°	4.4	4.4	0.0	0.0
62.5°	4.4	4.4	0.0	0.0
60°	4.4	4.4	0.0	0.0
57.5°	4.4	4.4	4.4	0.0
55°	4.4	4.4	4.4	0.0
52.5°	4.4	4.4	4.4	0.0
50°	4.4	4.4	4.4	0.0
47.5°	4.4	4.4	4.4	0.0
45°	4.4	4.4	4.4	0.0
42.5°	4.4	4.4	4.4	0.0
40°	4.4	4.4	4.4	0.0
37.5°	4.4	4.4	4.4	0.0
35°	4.4	4.4	4.4	0.0
32.5°	4.4	4.4	4.4	0.0
30°	4.4	4.4	4.4	0.0
27.5°	4.4	4.4	4.4	0.0
25°	4.4	4.4	4.4	0.0
22.5°	4.4	4.4	4.4	0.0
20°	4.4	4.4	4.4	0.0
17.5°	4.4	4.4	4.4	0.0
15°	4.4	4.4	4.4	0.0
12.5°	4.4	4.4	4.4	0.0
10°	4.4	4.4	4.4	0.0
7.5°	4.4	4.4	4.4	0.0
5°	4.4	4.4	4.4	0.0
2.5°	4.4	4.4	4.4	0.0
0°	4.4	4.4	4.4	0.0
-2.5°	4.4	4.4	4.4	0.0
-5°	4.4	4.4	4.4	0.0
-7.5°	4.4	4.4	4.4	0.0
-10°	4.4	4.4	4.4	0.0
-12.5°	4.4	4.4	4.4	0.0
-15°	4.4	4.4	4.4	0.0
-17.5°	4.4	4.4	4.4	0.0
-20°	4.4	4.4	4.4	0.0



REPORT NUMBER: P724253  
CATALOG NUMBER: IFLD-S-SA6B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.4	4.4	4.4	0.0
-25°	4.4	4.4	4.4	0.0
-27.5°	4.4	4.4	4.4	0.0
-30°	4.4	4.4	4.4	0.0
-32.5°	4.4	4.4	4.4	0.0
-35°	4.4	4.4	4.4	0.0
-37.5°	4.4	4.4	4.4	0.0
-40°	4.4	4.4	4.4	0.0
-42.5°	4.4	4.4	4.4	0.0
-45°	4.4	4.4	4.4	0.0
-47.5°	4.4	4.4	4.4	0.0
-50°	4.4	4.4	4.4	0.0
-52.5°	4.4	4.4	4.4	0.0
-55°	4.4	4.4	4.4	0.0
-57.5°	4.4	4.4	4.4	0.0
-60°	4.4	4.4	0.0	0.0
-62.5°	4.4	4.4	0.0	0.0
-65°	4.4	4.4	0.0	0.0
-67.5°	4.4	4.4	0.0	0.0
-70°	4.4	4.4	0.0	0.0
-72.5°	4.4	4.4	0.0	0.0
-75°	4.4	4.4	0.0	0.0
-77.5°	4.4	0.0	0.0	0.0
-80°	4.4	0.0	0.0	0.0
-82.5°	4.4	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)