

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: P724247

Luminaire Tested: **IFLD-S-SA3A-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724247
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

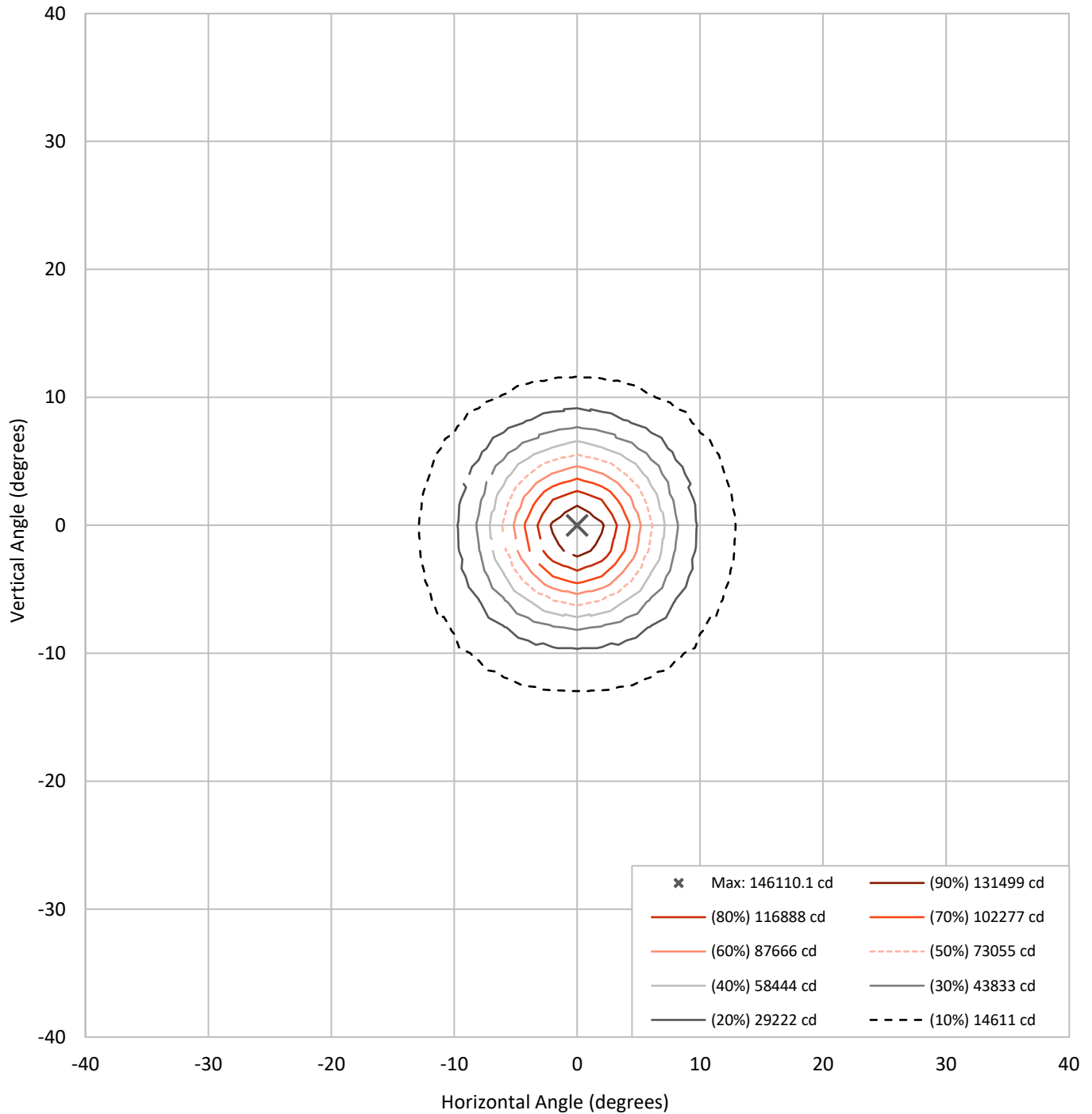
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10205.9 lumens	Max Intensity:	146110.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3192.9 lumens	Field Lumens:	7264.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 94.8
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





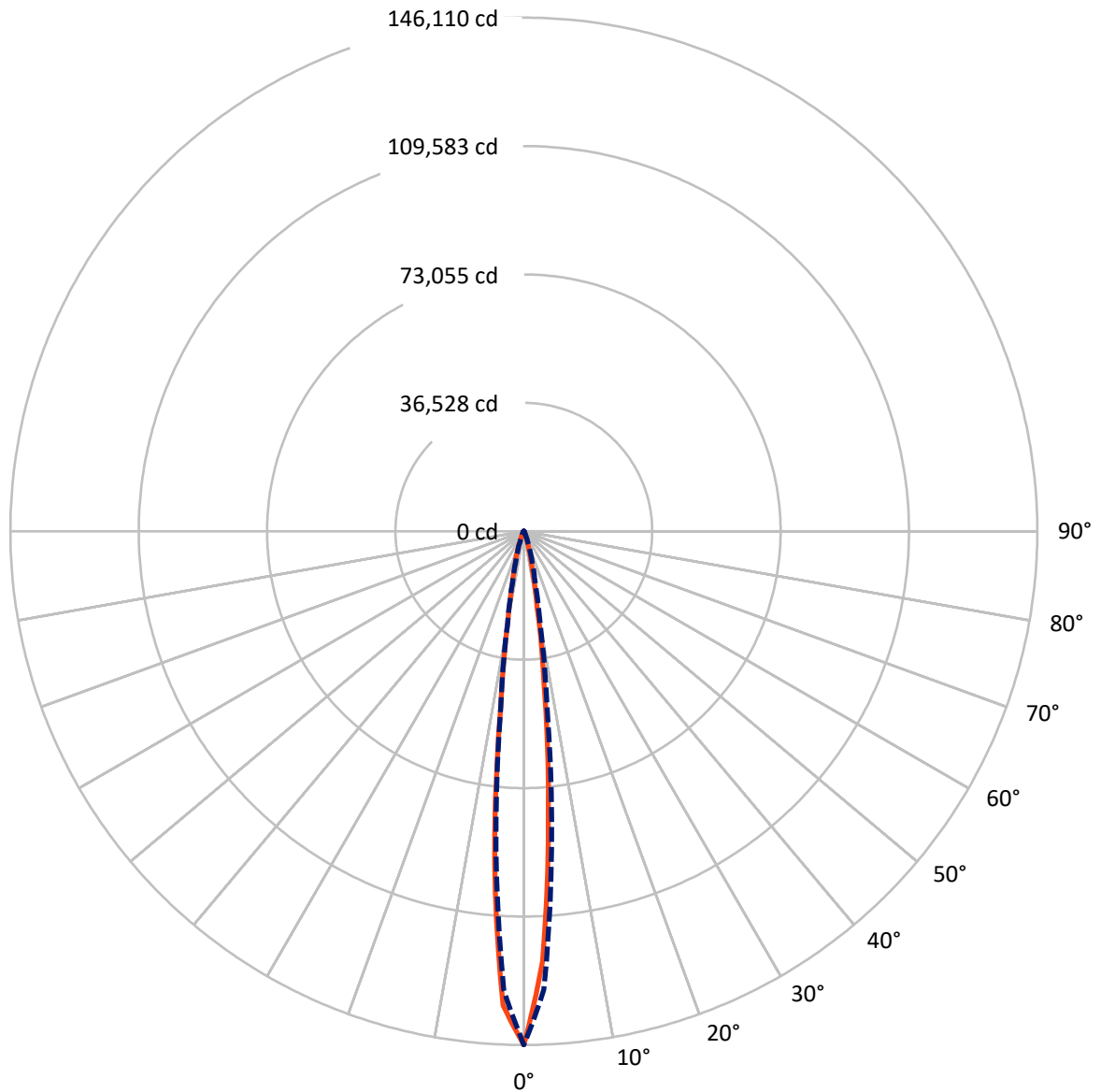
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Lumen Table

90	0.1	0.6	0.5	0.2	0.0	0.2	0.5	0.6	0.1										
80	0.1	0.6	0.5	0.2	0.0	0.2	0.5	0.6	0.1										
70	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.1	0.3	0.5	0.8	1.0	1.1	1.1	1.0	0.8	0.5	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.8	1.5	2.1	2.7	3.2	3.2	2.7	2.1	1.5	0.8	0.3	0.1	0.1			
40		0.2	0.7	1.5	2.6	4.1	6.2	7.4	7.4	6.2	4.1	2.6	1.5	0.7	0.2				
30	0.1	0.3	1.1	2.2	4.1	7.1	13.6	22.0	22.0	13.6	7.1	4.1	2.2	1.1	0.3	0.1			
20		0.4	1.5	3.1	6.2	15.4	80.4	203.4	203.4	80.4	15.4	6.2	3.1	1.5	0.4				
10	0.2	0.6	1.7	3.6	7.6	31.3	259.0	1595.8	1595.8	259.0	31.3	7.6	3.6	1.7	0.6	0.2			
0		0.7	1.9	3.8	7.9	35.6	285.0	1757.4	1757.4	285.0	35.6	7.9	3.8	1.9	0.7				
-10	0.2	0.7	2.0	3.8	7.4	21.4	127.9	308.2	308.2	127.9	21.4	7.4	3.8	2.0	0.7	0.2			
-20		0.7	2.0	3.6	6.3	10.9	26.4	49.7	49.7	26.4	10.9	6.3	3.6	2.0	0.7				
-30	0.2	0.6	1.8	3.3	5.2	7.7	10.9	12.8	12.8	10.9	7.7	5.2	3.3	1.8	0.6	0.2			
-40		0.5	1.6	3.0	4.5	6.0	7.6	8.4	8.4	7.6	6.0	4.5	3.0	1.6	0.5				
-50	0.2	0.4	1.3	2.5	4.0	5.2	6.4	7.0	7.0	6.4	5.2	4.0	2.5	1.3	0.4	0.2			
-60		0.3	0.9	1.8	3.0	4.2	5.3	5.8	5.8	5.3	4.2	3.0	1.8	0.9	0.3				
-70	0.1	0.4	1.3	2.5	4.0	5.2	6.4	7.0	7.0	6.4	5.2	4.0	2.5	1.3	0.4	0.1			
-80		0.3	0.9	1.8	3.0	4.2	5.3	5.8	5.8	5.3	4.2	3.0	1.8	0.9	0.3				
-90	0.1	1.4	3.8	7.1	8.5	7.1	3.8	1.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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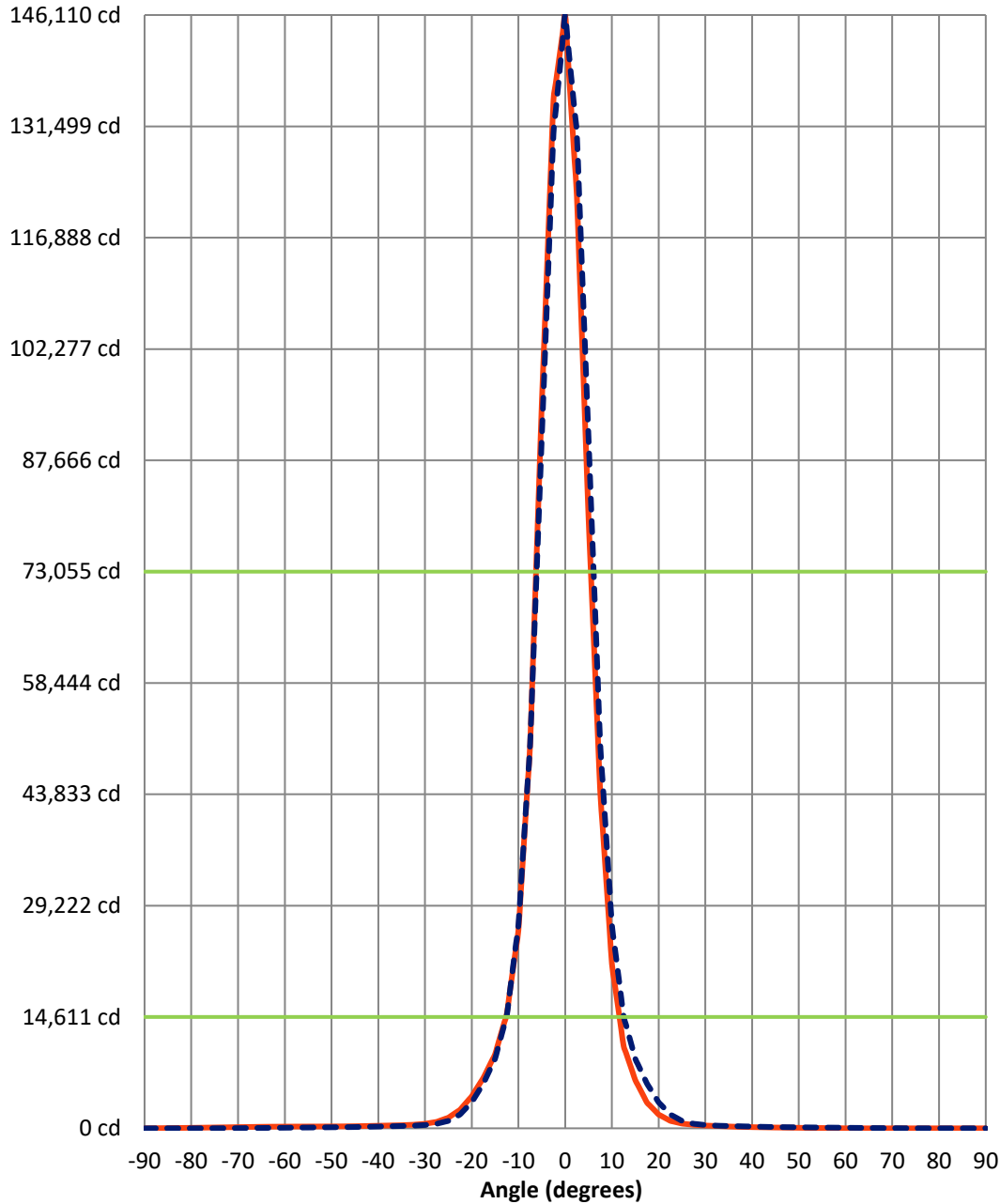
Luminous Intensity Polar Plot



— 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: 3192.9
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 7264.9
Efficiency: 71.2%

Spill:
Lumens: 2941
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	1.8	1.8
85°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	3.7	3.7
82.5°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	3.7	3.7	3.7
80°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	3.7	3.7	3.7
77.5°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	3.7
75°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
67.5°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
65°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
62.5°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
60°	3.7	3.7	3.7	3.7	5.5	5.5	7.3	7.3	7.3	3.7	7.3
57.5°	29.3	29.3	27.4	25.6	23.8	21.9	21.9	21.9	21.9	21.9	18.3
55°	40.2	40.2	40.2	38.4	38.4	36.6	34.7	32.9	32.9	31.1	29.3
52.5°	47.5	47.5	47.5	47.5	45.7	45.7	45.7	43.9	40.2	40.2	38.4
50°	67.7	65.8	65.8	65.8	65.8	62.2	60.3	56.7	54.9	53.0	51.2
47.5°	87.8	87.8	85.9	85.9	84.1	80.5	76.8	73.1	69.5	67.7	64.0
45°	104.2	104.2	102.4	102.4	100.6	96.9	91.4	85.9	82.3	78.6	75.0
42.5°	128.0	126.2	124.3	122.5	118.8	113.4	106.0	98.7	93.2	87.8	84.1
40°	153.6	153.6	151.8	149.9	144.4	139.0	129.8	120.7	111.5	100.6	95.1
37.5°	184.7	186.5	188.3	188.3	184.7	177.4	164.6	153.6	139.0	124.3	117.0
35°	241.4	241.4	245.0	245.0	239.5	230.4	221.2	197.5	179.2	160.9	144.4
32.5°	303.5	305.3	298.0	292.5	285.2	274.3	257.8	237.7	217.6	193.8	175.5
30°	363.9	363.9	354.7	343.7	329.1	310.8	290.7	268.8	245.0	221.2	199.3
27.5°	458.9	449.8	442.5	424.2	398.6	363.9	338.3	303.5	272.4	245.0	221.2
25°	616.2	614.3	597.9	566.8	515.6	460.8	418.7	360.2	312.7	270.6	243.2
22.5°	980.0	967.2	928.8	852.0	731.4	636.3	550.4	458.9	373.0	316.3	272.4
20°	1812.0	1769.9	1667.5	1455.4	1184.8	998.3	784.4	630.8	486.4	380.3	314.5
17.5°	3380.7	3353.3	3314.9	2824.9	2274.5	1879.6	1398.7	967.2	691.1	497.3	373.0
15°	6337.3	6134.3	5710.1	5123.2	4353.4	3364.3	2473.8	1561.5	987.3	661.9	473.6
12.5°	10833.3	10608.4	9513.2	8045.0	6660.9	5253.0	3687.9	2373.3	1406.0	841.1	561.3
10°	21586.2	19953.4	16887.2	12603.2	9836.8	7335.6	5178.1	3238.1	1830.2	1062.3	665.5
7.5°	44212.8	38877.5	29958.5	21149.2	13689.3	9621.1	6613.4	4234.6	2439.1	1329.3	760.6
5°	80133.7	70668.1	53239.7	32057.5	19878.5	12058.4	7847.5	5035.4	2887.1	1546.8	855.7
2.5°	122359.1	110114.2	76970.6	44081.1	24511.7	13945.3	8710.5	5562.0	3172.3	1694.9	928.8
0°	146110.1	130513.8	90645.3	50467.8	26718.6	14746.1	9132.9	5878.3	3413.6	1815.6	976.4
-2.5°	134969.6	122413.9	83304.2	46880.4	25531.9	14395.1	9193.2	5957.0	3453.9	1848.5	998.3
-5°	95126.7	84821.8	57640.6	34595.4	21663.0	13259.6	8674.0	5660.8	3342.3	1801.0	989.2
-7.5°	50327.0	45664.6	34184.0	24859.1	15812.1	11222.8	7809.1	5136.0	3053.4	1673.0	934.3
-10°	26001.8	25045.6	21582.6	16269.2	12795.2	9401.7	6664.6	4391.8	2552.5	1440.8	841.1
-12.5°	14991.1	14828.4	13714.9	11773.1	9811.3	7723.2	5468.8	3581.9	2130.1	1194.0	709.4
-15°	9707.0	9776.5	9388.9	8580.7	7463.6	5779.6	4201.7	2664.0	1576.1	967.2	625.3
-17.5°	6624.3	6606.0	6425.0	5871.0	4971.4	3903.7	2784.7	1881.4	1194.0	753.3	519.3
-20°	4190.7	4198.0	4029.8	3647.7	2985.8	2406.2	1733.3	1268.9	846.6	592.4	458.9



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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°	2431.8	2437.3	2331.2	2115.5	1768.1	1426.2	1126.3	839.2	623.5	493.7	402.3
-25°	1396.9	1375.0	1332.9	1228.7	1066.0	879.5	747.8	590.6	499.2	418.7	367.5
-27.5°	846.6	831.9	810.0	764.3	700.3	607.0	546.7	477.2	424.2	376.7	345.6
-30°	590.6	596.1	577.8	554.0	524.8	482.7	449.8	416.9	382.1	352.9	323.6
-32.5°	469.9	473.6	464.4	455.3	440.6	424.2	404.1	380.3	352.9	325.5	298.0
-35°	404.1	405.9	405.9	404.1	400.4	387.6	373.0	351.1	325.5	299.9	276.1
-37.5°	371.2	373.0	373.0	371.2	365.7	354.7	340.1	321.8	298.0	274.3	256.0
-40°	336.4	338.3	336.4	332.8	327.3	316.3	305.3	290.7	272.4	252.3	235.9
-42.5°	303.5	301.7	299.9	296.2	290.7	283.4	274.3	263.3	250.5	235.9	223.1
-45°	272.4	272.4	270.6	268.8	265.1	259.6	254.1	245.0	235.9	224.9	213.9
-47.5°	256.0	256.0	254.1	252.3	250.5	246.8	241.4	234.0	226.7	217.6	208.4
-50°	245.0	245.0	245.0	243.2	241.4	237.7	232.2	226.7	219.4	210.3	201.1
-52.5°	237.7	237.7	237.7	235.9	234.0	232.2	226.7	219.4	210.3	203.0	195.6
-55°	234.0	232.2	232.2	230.4	228.6	226.7	219.4	212.1	204.8	197.5	190.2
-57.5°	228.6	226.7	226.7	224.9	223.1	221.2	213.9	206.6	199.3	190.2	184.7
-60°	223.1	221.2	221.2	217.6	215.8	213.9	206.6	199.3	192.0	184.7	177.4
-62.5°	215.8	213.9	212.1	210.3	206.6	203.0	197.5	190.2	181.0	173.7	166.4
-65°	199.3	197.5	195.6	193.8	192.0	190.2	184.7	175.5	168.2	160.9	153.6
-67.5°	179.2	179.2	179.2	175.5	173.7	170.0	166.4	159.1	151.8	144.4	139.0
-70°	155.4	155.4	155.4	151.8	149.9	148.1	142.6	137.1	131.6	126.2	118.8
-72.5°	131.6	129.8	129.8	128.0	124.3	122.5	118.8	115.2	109.7	106.0	100.6
-75°	107.9	106.0	106.0	104.2	102.4	100.6	96.9	95.1	91.4	87.8	82.3
-77.5°	85.9	85.9	85.9	84.1	82.3	80.5	78.6	76.8	75.0	71.3	67.7
-80°	65.8	65.8	65.8	65.8	65.8	65.8	65.8	64.0	60.3	58.5	56.7
-82.5°	47.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	47.5	45.7	43.9
-85°	31.1	32.9	32.9	34.7	36.6	36.6	38.4	36.6	34.7	31.1	29.3
-87.5°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.6	14.6	14.6	12.8
-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.7	3.7	3.7
85°	3.7	3.7	3.7	3.7	5.5	5.5	5.5	7.3	7.3	7.3	7.3
82.5°	3.7	5.5	5.5	5.5	7.3	7.3	9.1	11.0	14.6	16.5	16.5
80°	3.7	5.5	5.5	5.5	7.3	7.3	9.1	9.1	11.0	12.8	16.5
77.5°	3.7	3.7	5.5	5.5	5.5	7.3	7.3	9.1	9.1	11.0	12.8
75°	1.8	3.7	3.7	3.7	5.5	5.5	7.3	7.3	9.1	9.1	11.0
72.5°	1.8	3.7	3.7	3.7	5.5	5.5	7.3	7.3	7.3	9.1	9.1
70°	1.8	3.7	3.7	3.7	3.7	5.5	5.5	5.5	7.3	7.3	7.3
67.5°	1.8	1.8	1.8	3.7	3.7	3.7	3.7	5.5	5.5	5.5	7.3
65°	1.8	1.8	1.8	1.8	3.7	3.7	3.7	3.7	5.5	5.5	5.5
62.5°	1.8	1.8	1.8	3.7	3.7	3.7	3.7	3.7	5.5	5.5	5.5
60°	7.3	7.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
57.5°	16.5	16.5	14.6	12.8	11.0	11.0	9.1	7.3	7.3	5.5	5.5
55°	27.4	25.6	23.8	20.1	18.3	16.5	14.6	11.0	9.1	7.3	5.5
52.5°	34.7	32.9	31.1	29.3	25.6	21.9	20.1	18.3	14.6	11.0	9.1
50°	51.2	45.7	42.1	38.4	34.7	31.1	27.4	25.6	20.1	16.5	12.8
47.5°	62.2	58.5	53.0	49.4	45.7	40.2	34.7	31.1	27.4	21.9	16.5
45°	71.3	67.7	62.2	58.5	54.9	49.4	43.9	38.4	34.7	29.3	21.9
42.5°	80.5	76.8	71.3	67.7	62.2	56.7	51.2	45.7	40.2	36.6	29.3
40°	93.2	87.8	80.5	76.8	73.1	65.8	58.5	53.0	47.5	42.1	34.7
37.5°	109.7	104.2	95.1	87.8	82.3	76.8	69.5	62.2	56.7	49.4	42.1
35°	135.3	126.2	113.4	102.4	95.1	87.8	78.6	71.3	64.0	56.7	49.4
32.5°	160.9	146.3	129.8	117.0	106.0	96.9	87.8	80.5	71.3	62.2	54.9
30°	181.0	164.6	148.1	129.8	117.0	106.0	96.9	87.8	78.6	69.5	60.3
27.5°	201.1	182.8	164.6	146.3	128.0	113.4	104.2	95.1	85.9	76.8	65.8
25°	221.2	201.1	182.8	162.7	140.8	124.3	111.5	104.2	95.1	84.1	71.3
22.5°	239.5	221.2	203.0	181.0	155.4	133.5	120.7	111.5	102.4	89.6	78.6
20°	274.3	250.5	228.6	201.1	171.9	149.9	133.5	120.7	109.7	96.9	84.1
17.5°	320.0	285.2	256.0	224.9	195.6	168.2	144.4	129.8	118.8	104.2	89.6
15°	378.5	318.1	281.6	250.5	215.8	184.7	159.1	139.0	124.3	109.7	96.9
12.5°	422.4	343.7	303.5	274.3	237.7	203.0	170.0	146.3	129.8	115.2	100.6
10°	471.7	371.2	321.8	288.9	250.5	212.1	177.4	151.8	133.5	120.7	106.0
7.5°	512.0	393.1	330.9	294.4	257.8	219.4	184.7	157.2	139.0	124.3	109.7
5°	548.5	411.4	338.3	296.2	261.5	224.9	188.3	160.9	142.6	128.0	113.4
2.5°	574.1	427.8	345.6	299.9	265.1	228.6	193.8	164.6	146.3	131.6	117.0
0°	596.1	433.3	343.7	299.9	266.9	228.6	195.6	166.4	148.1	133.5	118.8
-2.5°	603.4	442.5	352.9	303.5	270.6	232.2	199.3	168.2	149.9	135.3	122.5
-5°	603.4	435.2	352.9	307.2	272.4	234.0	199.3	170.0	151.8	137.1	122.5
-7.5°	581.4	424.2	351.1	310.8	274.3	235.9	199.3	171.9	153.6	139.0	124.3
-10°	543.0	407.7	349.2	312.7	274.3	234.0	199.3	171.9	153.6	139.0	126.2
-12.5°	480.9	385.8	340.1	309.0	270.6	230.4	197.5	171.9	153.6	140.8	126.2
-15°	449.8	367.5	329.1	298.0	261.5	224.9	193.8	170.0	153.6	140.8	128.0
-17.5°	407.7	352.9	318.1	287.1	254.1	219.4	190.2	170.0	153.6	139.0	128.0
-20°	378.5	336.4	305.3	277.9	245.0	213.9	188.3	168.2	153.6	139.0	128.0



REPORT NUMBER: P724247

CATALOG NUMBER: IFLD-S-SA3A-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°	352.9	318.1	290.7	263.3	234.0	206.6	184.7	166.4	151.8	139.0	128.0
-25°	332.8	301.7	276.1	250.5	224.9	201.1	181.0	164.6	149.9	139.0	126.2
-27.5°	314.5	285.2	261.5	237.7	213.9	195.6	177.4	162.7	149.9	137.1	124.3
-30°	294.4	270.6	246.8	224.9	208.4	190.2	173.7	159.1	148.1	135.3	122.5
-32.5°	274.3	252.3	232.2	215.8	201.1	186.5	171.9	157.2	144.4	131.6	118.8
-35°	256.0	235.9	221.2	206.6	195.6	182.8	168.2	153.6	142.6	129.8	118.8
-37.5°	237.7	223.1	210.3	199.3	188.3	177.4	162.7	149.9	139.0	126.2	113.4
-40°	223.1	212.1	203.0	193.8	182.8	170.0	159.1	146.3	135.3	122.5	107.9
-42.5°	213.9	204.8	195.6	186.5	177.4	166.4	155.4	142.6	131.6	118.8	104.2
-45°	204.8	197.5	190.2	182.8	173.7	162.7	149.9	137.1	126.2	113.4	102.4
-47.5°	199.3	192.0	184.7	179.2	171.9	157.2	146.3	133.5	120.7	109.7	96.9
-50°	193.8	186.5	181.0	173.7	164.6	151.8	140.8	128.0	117.0	104.2	93.2
-52.5°	188.3	181.0	173.7	166.4	157.2	146.3	135.3	124.3	111.5	98.7	87.8
-55°	182.8	175.5	168.2	160.9	151.8	142.6	131.6	117.0	104.2	91.4	80.5
-57.5°	177.4	171.9	162.7	153.6	144.4	135.3	122.5	109.7	96.9	84.1	75.0
-60°	170.0	162.7	155.4	144.4	135.3	124.3	113.4	102.4	89.6	78.6	69.5
-62.5°	159.1	151.8	144.4	133.5	124.3	115.2	106.0	93.2	84.1	73.1	64.0
-65°	146.3	139.0	131.6	122.5	113.4	104.2	96.9	85.9	76.8	67.7	60.3
-67.5°	131.6	124.3	118.8	109.7	102.4	93.2	85.9	76.8	67.7	60.3	53.0
-70°	113.4	107.9	102.4	95.1	87.8	80.5	73.1	65.8	58.5	53.0	45.7
-72.5°	96.9	91.4	85.9	80.5	75.0	67.7	62.2	56.7	51.2	45.7	42.1
-75°	78.6	75.0	71.3	67.7	62.2	56.7	53.0	47.5	43.9	40.2	38.4
-77.5°	65.8	62.2	58.5	54.9	51.2	47.5	43.9	40.2	38.4	36.6	34.7
-80°	53.0	51.2	49.4	45.7	43.9	40.2	38.4	34.7	34.7	34.7	34.7
-82.5°	42.1	40.2	38.4	36.6	34.7	32.9	32.9	31.1	32.9	32.9	31.1
-85°	29.3	27.4	25.6	25.6	23.8	23.8	21.9	21.9	21.9	20.1	20.1
-87.5°	12.8	12.8	12.8	12.8	11.0	11.0	11.0	11.0	11.0	9.1	9.1
-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: P724247
 CATALOG NUMBER: IFLD-S-SA3A-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°	3.7	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
85°	7.3	7.3	5.5	5.5	5.5	3.7	3.7	1.8	1.8	1.8	1.8
82.5°	16.5	14.6	12.8	11.0	9.1	7.3	5.5	3.7	3.7	1.8	1.8
80°	20.1	20.1	20.1	18.3	14.6	11.0	7.3	5.5	3.7	1.8	1.8
77.5°	14.6	14.6	16.5	18.3	18.3	14.6	9.1	5.5	3.7	3.7	1.8
75°	11.0	11.0	11.0	12.8	14.6	14.6	11.0	7.3	3.7	3.7	1.8
72.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	7.3	5.5	3.7	3.7
70°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	7.3	5.5	3.7	3.7
67.5°	7.3	7.3	9.1	9.1	9.1	7.3	7.3	7.3	5.5	3.7	3.7
65°	5.5	7.3	7.3	9.1	7.3	7.3	7.3	5.5	5.5	3.7	3.7
62.5°	5.5	5.5	7.3	7.3	7.3	7.3	5.5	5.5	5.5	3.7	3.7
60°	5.5	5.5	5.5	7.3	5.5	5.5	5.5	5.5	5.5	3.7	3.7
57.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	3.7	3.7	3.7	3.7
55°	5.5	5.5	5.5	5.5	5.5	5.5	3.7	3.7	3.7	3.7	3.7
52.5°	7.3	5.5	5.5	5.5	5.5	5.5	3.7	3.7	3.7	3.7	3.7
50°	9.1	5.5	5.5	5.5	5.5	3.7	3.7	3.7	3.7	3.7	3.7
47.5°	12.8	9.1	7.3	5.5	5.5	3.7	3.7	3.7	3.7	3.7	1.8
45°	18.3	12.8	9.1	7.3	5.5	3.7	3.7	3.7	3.7	3.7	1.8
42.5°	21.9	16.5	11.0	9.1	7.3	5.5	3.7	3.7	3.7	1.8	1.8
40°	27.4	21.9	14.6	11.0	7.3	5.5	3.7	3.7	3.7	1.8	1.8
37.5°	34.7	27.4	18.3	12.8	9.1	5.5	5.5	3.7	3.7	1.8	1.8
35°	40.2	31.1	23.8	14.6	11.0	7.3	5.5	3.7	3.7	1.8	1.8
32.5°	45.7	36.6	29.3	18.3	12.8	9.1	7.3	3.7	3.7	1.8	1.8
30°	51.2	42.1	32.9	23.8	16.5	11.0	7.3	3.7	3.7	1.8	1.8
27.5°	56.7	45.7	36.6	27.4	18.3	12.8	9.1	5.5	3.7	1.8	1.8
25°	62.2	51.2	40.2	31.1	20.1	14.6	9.1	5.5	3.7	3.7	1.8
22.5°	65.8	56.7	45.7	34.7	23.8	16.5	11.0	7.3	3.7	3.7	1.8
20°	71.3	62.2	49.4	38.4	27.4	18.3	11.0	7.3	3.7	3.7	1.8
17.5°	76.8	65.8	53.0	42.1	31.1	20.1	12.8	9.1	3.7	3.7	1.8
15°	82.3	69.5	56.7	43.9	32.9	21.9	12.8	9.1	3.7	3.7	1.8
12.5°	87.8	75.0	60.3	47.5	34.7	23.8	14.6	11.0	5.5	3.7	1.8
10°	91.4	78.6	64.0	49.4	36.6	27.4	16.5	11.0	5.5	3.7	1.8
7.5°	96.9	82.3	67.7	53.0	38.4	29.3	18.3	11.0	5.5	3.7	1.8
5°	98.7	85.9	69.5	56.7	40.2	31.1	20.1	12.8	5.5	3.7	1.8
2.5°	100.6	89.6	71.3	58.5	42.1	31.1	20.1	12.8	7.3	3.7	1.8
0°	102.4	91.4	73.1	60.3	43.9	32.9	21.9	12.8	7.3	3.7	1.8
-2.5°	104.2	93.2	76.8	62.2	45.7	34.7	23.8	12.8	7.3	3.7	1.8
-5°	106.0	93.2	80.5	64.0	47.5	34.7	23.8	14.6	9.1	3.7	1.8
-7.5°	107.9	95.1	82.3	65.8	49.4	34.7	25.6	14.6	9.1	5.5	1.8
-10°	109.7	96.9	84.1	67.7	49.4	36.6	25.6	14.6	9.1	5.5	1.8
-12.5°	111.5	98.7	84.1	67.7	51.2	36.6	25.6	16.5	9.1	5.5	1.8
-15°	113.4	98.7	84.1	67.7	51.2	38.4	27.4	16.5	9.1	5.5	3.7
-17.5°	113.4	98.7	84.1	69.5	51.2	38.4	27.4	16.5	9.1	5.5	3.7
-20°	113.4	98.7	84.1	69.5	51.2	38.4	27.4	16.5	9.1	5.5	3.7



REPORT NUMBER: P724247

CATALOG NUMBER: IFLD-S-SA3A-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°	111.5	96.9	84.1	67.7	51.2	38.4	27.4	16.5	11.0	5.5	3.7
-25°	111.5	96.9	84.1	67.7	51.2	38.4	25.6	16.5	11.0	5.5	3.7
-27.5°	109.7	96.9	82.3	65.8	49.4	36.6	25.6	16.5	11.0	5.5	3.7
-30°	107.9	95.1	80.5	64.0	49.4	36.6	25.6	16.5	11.0	5.5	3.7
-32.5°	106.0	91.4	78.6	62.2	47.5	34.7	25.6	16.5	11.0	5.5	3.7
-35°	102.4	89.6	75.0	60.3	45.7	34.7	23.8	16.5	11.0	7.3	3.7
-37.5°	98.7	85.9	73.1	58.5	43.9	32.9	23.8	16.5	11.0	7.3	3.7
-40°	95.1	84.1	69.5	54.9	42.1	31.1	23.8	16.5	11.0	7.3	5.5
-42.5°	91.4	80.5	67.7	53.0	42.1	31.1	21.9	16.5	11.0	7.3	5.5
-45°	89.6	78.6	64.0	51.2	40.2	31.1	21.9	14.6	11.0	7.3	5.5
-47.5°	85.9	73.1	60.3	49.4	38.4	29.3	20.1	14.6	11.0	7.3	5.5
-50°	80.5	69.5	58.5	47.5	36.6	27.4	20.1	14.6	11.0	7.3	5.5
-52.5°	75.0	64.0	54.9	43.9	34.7	27.4	20.1	14.6	11.0	7.3	5.5
-55°	69.5	60.3	51.2	42.1	32.9	25.6	18.3	14.6	11.0	7.3	5.5
-57.5°	65.8	56.7	47.5	38.4	31.1	23.8	18.3	12.8	9.1	7.3	5.5
-60°	62.2	53.0	43.9	36.6	29.3	23.8	18.3	12.8	9.1	7.3	3.7
-62.5°	56.7	49.4	40.2	34.7	27.4	21.9	16.5	12.8	9.1	7.3	3.7
-65°	51.2	43.9	36.6	31.1	25.6	20.1	16.5	12.8	9.1	7.3	3.7
-67.5°	45.7	40.2	34.7	29.3	23.8	20.1	16.5	12.8	9.1	5.5	3.7
-70°	42.1	36.6	31.1	27.4	23.8	18.3	16.5	12.8	9.1	5.5	3.7
-72.5°	36.6	32.9	29.3	25.6	21.9	20.1	16.5	12.8	7.3	5.5	3.7
-75°	34.7	31.1	27.4	25.6	23.8	20.1	16.5	11.0	7.3	5.5	3.7
-77.5°	34.7	31.1	29.3	27.4	23.8	20.1	14.6	9.1	5.5	5.5	3.7
-80°	34.7	32.9	31.1	25.6	21.9	16.5	11.0	9.1	5.5	3.7	1.8
-82.5°	31.1	25.6	21.9	18.3	16.5	12.8	9.1	7.3	3.7	3.7	1.8
-85°	20.1	16.5	14.6	12.8	11.0	9.1	5.5	3.7	3.7	1.8	1.8
-87.5°	9.1	9.1	7.3	5.5	5.5	3.7	3.7	1.8	1.8	1.8	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: P724247
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.8	0.0	0.0	0.0
77.5°	1.8	0.0	0.0	0.0
75°	1.8	1.8	0.0	0.0
72.5°	1.8	1.8	0.0	0.0
70°	1.8	1.8	0.0	0.0
67.5°	1.8	1.8	0.0	0.0
65°	1.8	1.8	0.0	0.0
62.5°	1.8	1.8	0.0	0.0
60°	1.8	1.8	0.0	0.0
57.5°	1.8	1.8	1.8	0.0
55°	1.8	1.8	1.8	0.0
52.5°	1.8	1.8	1.8	0.0
50°	1.8	1.8	1.8	0.0
47.5°	1.8	1.8	1.8	0.0
45°	1.8	1.8	1.8	0.0
42.5°	1.8	1.8	1.8	0.0
40°	1.8	1.8	1.8	0.0
37.5°	1.8	1.8	1.8	0.0
35°	1.8	1.8	1.8	0.0
32.5°	1.8	1.8	1.8	0.0
30°	1.8	1.8	1.8	0.0
27.5°	1.8	1.8	1.8	0.0
25°	1.8	1.8	1.8	0.0
22.5°	1.8	1.8	1.8	0.0
20°	1.8	1.8	1.8	0.0
17.5°	1.8	1.8	1.8	0.0
15°	1.8	1.8	1.8	0.0
12.5°	1.8	1.8	1.8	0.0
10°	1.8	1.8	1.8	0.0
7.5°	1.8	1.8	1.8	0.0
5°	1.8	1.8	1.8	0.0
2.5°	1.8	1.8	1.8	0.0
0°	1.8	1.8	1.8	0.0
-2.5°	1.8	1.8	1.8	0.0
-5°	1.8	1.8	1.8	0.0
-7.5°	1.8	1.8	1.8	0.0
-10°	1.8	1.8	1.8	0.0
-12.5°	1.8	1.8	1.8	0.0
-15°	1.8	1.8	1.8	0.0
-17.5°	1.8	1.8	1.8	0.0
-20°	1.8	1.8	1.8	0.0



REPORT NUMBER: P724247

CATALOG NUMBER: IFLD-S-SA3A-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.8	1.8	1.8	0.0
-25°	1.8	1.8	1.8	0.0
-27.5°	1.8	1.8	1.8	0.0
-30°	1.8	1.8	1.8	0.0
-32.5°	1.8	1.8	1.8	0.0
-35°	1.8	1.8	1.8	0.0
-37.5°	1.8	1.8	1.8	0.0
-40°	1.8	1.8	1.8	0.0
-42.5°	1.8	1.8	1.8	0.0
-45°	1.8	1.8	1.8	0.0
-47.5°	1.8	1.8	1.8	0.0
-50°	1.8	1.8	1.8	0.0
-52.5°	1.8	1.8	1.8	0.0
-55°	1.8	1.8	1.8	0.0
-57.5°	1.8	1.8	1.8	0.0
-60°	1.8	1.8	0.0	0.0
-62.5°	1.8	1.8	0.0	0.0
-65°	1.8	1.8	0.0	0.0
-67.5°	1.8	1.8	0.0	0.0
-70°	1.8	1.8	0.0	0.0
-72.5°	1.8	1.8	0.0	0.0
-75°	1.8	1.8	0.0	0.0
-77.5°	1.8	0.0	0.0	0.0
-80°	1.8	0.0	0.0	0.0
-82.5°	1.8	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)