

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: P724216

Luminaire Tested: **IFLD-S-SA2D-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724216
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

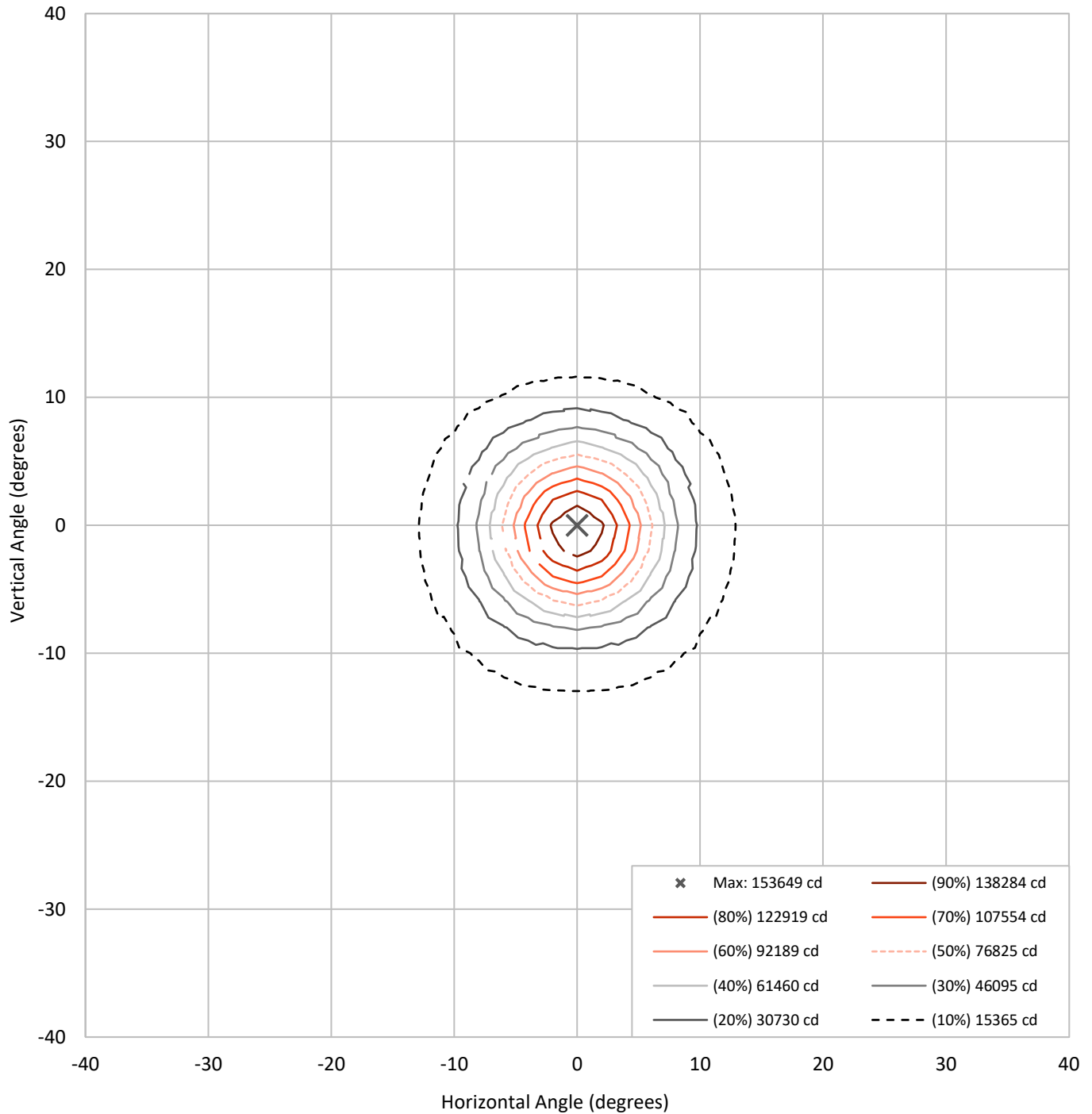
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10732.4 lumens	Max Intensity:	153649 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3357.6 lumens	Field Lumens:	7639.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 123.9
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





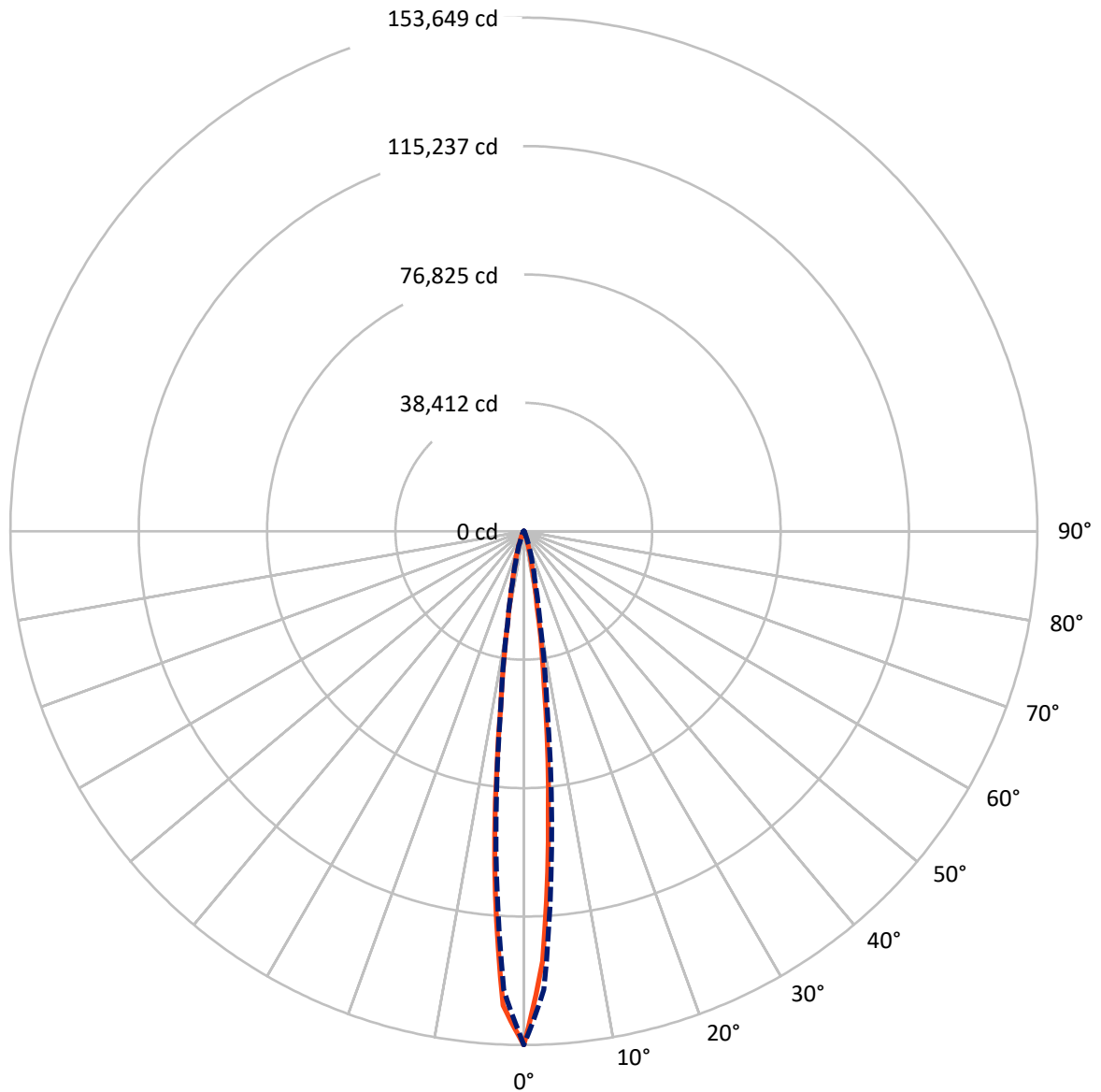
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Lumen Table

90	0.1	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	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.1	0.3	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.9	1.5	2.2	2.9	3.4	3.4	2.9	2.2	1.5	0.9	0.3	0.1	0.1			
40		0.2	0.7	1.6	2.7	4.3	6.5	7.8	7.8	6.5	4.3	2.7	1.6	0.7	0.2				
30	0.1	0.3	1.1	2.4	4.3	7.4	14.3	23.1	23.1	14.3	7.4	4.3	2.4	1.1	0.3	0.1			
20		0.5	1.5	3.2	6.5	16.2	84.6	213.9	213.9	84.6	16.2	6.5	3.2	1.5	0.5				
10	0.2	0.6	1.8	3.8	8.0	32.9	272.3	1678.2	1678.2	272.3	32.9	8.0	3.8	1.8	0.6	0.2			
0		0.7	2.0	4.0	8.3	37.5	299.7	1848.1	1848.1	299.7	37.5	8.3	4.0	2.0	0.7				
-10	0.2	0.7	2.1	4.0	7.8	22.5	134.5	324.1	324.1	134.5	22.5	7.8	4.0	2.1	0.7	0.2			
-20		0.7	2.1	3.8	6.6	11.4	27.8	52.2	52.2	27.8	11.4	6.6	3.8	2.1	0.7				
-30	0.2	0.7	1.9	3.5	5.5	8.1	11.5	13.5	13.5	11.5	8.1	5.5	3.5	1.9	0.7	0.2			
-40		0.6	1.7	3.1	4.8	6.3	8.0	8.9	8.9	8.0	6.3	4.8	3.1	1.7	0.6				
-50	0.2	0.5	1.3	2.6	4.2	5.5	6.8	7.4	7.4	6.8	5.5	4.2	2.6	1.3	0.5	0.2			
-60		0.4	1.0	1.9	3.2	4.4	5.5	6.2	6.2	5.5	4.4	3.2	1.9	1.0	0.4				
-70	0.1	1.5		4.0		7.4		8.9		7.4		4.0		1.5		0.1			
-80		1.5		4.0		7.4		8.9		7.4		4.0		1.5					
-90	0.1	1.5		4.0		7.4		8.9		7.4		4.0		1.5		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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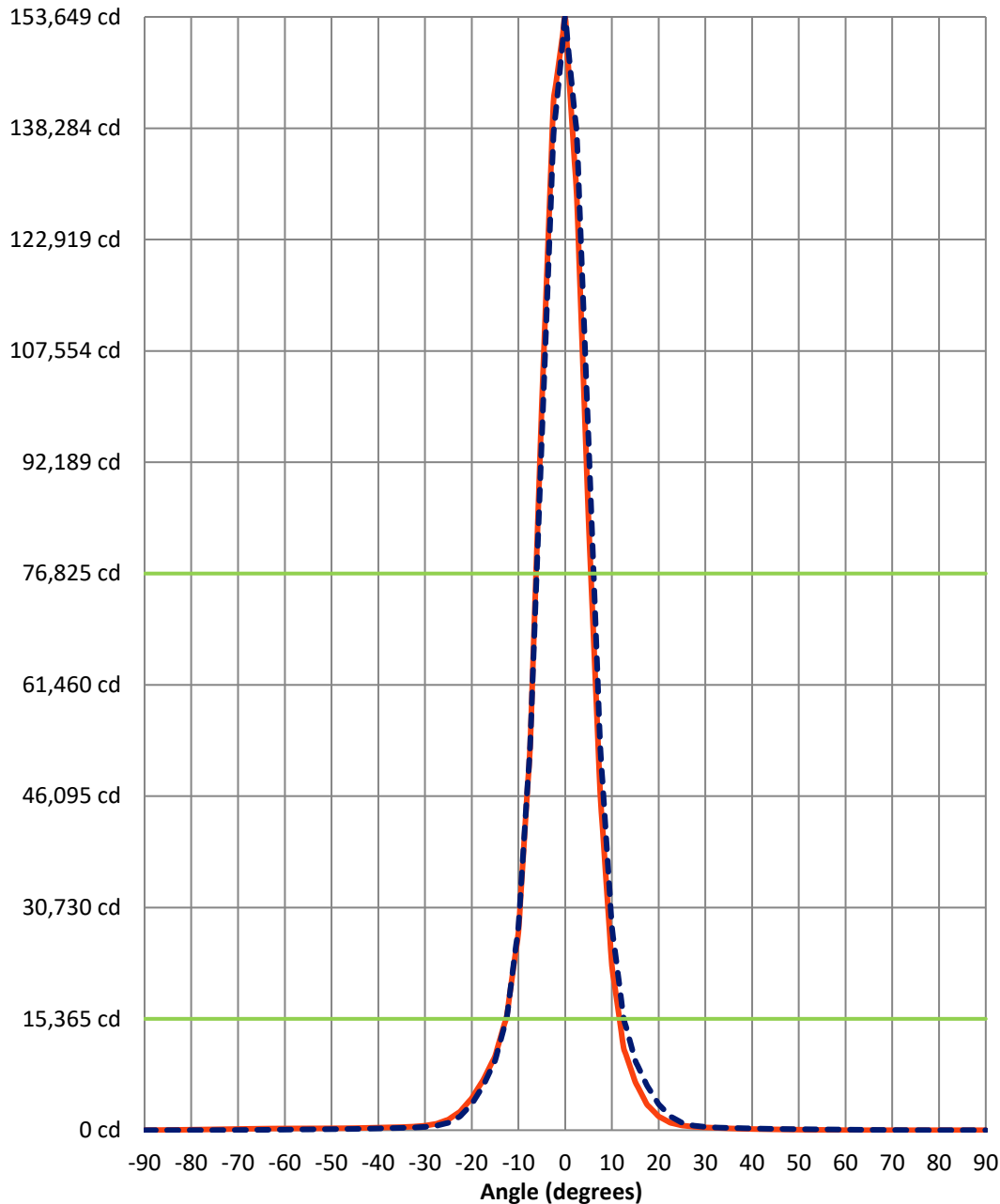
Luminous Intensity Polar Plot



— 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: 3357.6
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 7639.8
Efficiency: 71.2%

Spill:
Lumens: 3092.7
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	1.9	1.9
85°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	3.8	3.8
82.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.8	3.8	3.8
80°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.8	3.8	3.8
77.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	3.8
75°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
65°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
62.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
60°	3.8	3.8	3.8	3.8	5.8	5.8	7.7	7.7	7.7	3.8	7.7
57.5°	30.8	30.8	28.8	26.9	25.0	23.1	23.1	23.1	23.1	23.1	19.2
55°	42.3	42.3	42.3	40.4	40.4	38.5	36.5	34.6	34.6	32.7	30.8
52.5°	50.0	50.0	50.0	50.0	48.1	48.1	48.1	46.1	42.3	42.3	40.4
50°	71.1	69.2	69.2	69.2	69.2	65.4	63.5	59.6	57.7	55.8	53.8
47.5°	92.3	92.3	90.4	90.4	88.4	84.6	80.8	76.9	73.1	71.1	67.3
45°	109.6	109.6	107.7	107.7	105.8	101.9	96.1	90.4	86.5	82.7	78.8
42.5°	134.6	132.7	130.7	128.8	125.0	119.2	111.5	103.8	98.1	92.3	88.4
40°	161.5	161.5	159.6	157.7	151.9	146.1	136.5	126.9	117.3	105.8	100.0
37.5°	194.2	196.1	198.0	198.0	194.2	186.5	173.0	161.5	146.1	130.7	123.1
35°	253.8	253.8	257.6	257.6	251.9	242.3	232.7	207.7	188.4	169.2	151.9
32.5°	319.2	321.1	313.4	307.6	299.9	288.4	271.1	250.0	228.8	203.8	184.6
30°	382.6	382.6	373.0	361.5	346.1	326.9	305.7	282.6	257.6	232.7	209.6
27.5°	482.6	473.0	465.3	446.1	419.2	382.6	355.7	319.2	286.5	257.6	232.7
25°	648.0	646.0	628.7	596.1	542.2	484.5	440.3	378.8	328.8	284.6	255.7
22.5°	1030.6	1017.1	976.8	896.0	769.1	669.1	578.7	482.6	392.2	332.6	286.5
20°	1905.4	1861.2	1753.5	1530.5	1245.9	1049.8	824.9	663.3	511.5	399.9	330.7
17.5°	3555.2	3526.3	3485.9	2970.7	2391.9	1976.6	1470.9	1017.1	726.8	523.0	392.2
15°	6664.3	6450.8	6004.8	5387.6	4578.1	3537.9	2601.5	1642.0	1038.3	696.0	498.0
12.5°	11392.3	11155.8	10004.1	8460.1	7004.6	5524.1	3878.2	2495.7	1478.6	884.5	590.3
10°	22700.0	20983.0	17758.5	13253.5	10344.4	7714.1	5445.2	3405.2	1924.7	1117.1	699.9
7.5°	46494.1	40883.5	31504.3	22240.5	14395.6	10117.5	6954.6	4453.1	2565.0	1397.8	799.9
5°	84268.4	74314.4	55986.7	33711.6	20904.2	12680.5	8252.5	5295.3	3036.0	1626.6	899.8
2.5°	128672.5	115795.8	80942.1	46355.6	25776.4	14664.8	9160.0	5849.0	3336.0	1782.4	976.8
0°	153649.0	137247.9	95322.3	53071.8	28097.2	15507.0	9604.1	6181.6	3589.8	1909.3	1026.7
-2.5°	141933.7	128730.2	87602.5	49299.4	26849.3	15137.8	9667.6	6264.3	3632.1	1943.9	1049.8
-5°	100035.0	89198.4	60614.7	36380.4	22780.8	13943.8	9121.5	5952.8	3514.8	1893.9	1040.2
-7.5°	52923.7	48020.7	35947.8	26141.7	16628.0	11801.9	8212.1	5401.0	3211.0	1759.3	982.5
-10°	27343.5	26337.9	22696.2	17108.6	13455.4	9886.8	7008.4	4618.4	2684.2	1515.1	884.5
-12.5°	15764.6	15593.5	14422.6	12380.6	10317.5	8121.7	5751.0	3766.7	2240.0	1255.6	746.0
-15°	10207.9	10281.0	9873.3	9023.5	7848.7	6077.8	4418.5	2801.4	1657.4	1017.1	657.6
-17.5°	6966.1	6946.9	6756.5	6174.0	5228.0	4105.1	2928.4	1978.5	1255.6	792.2	546.1
-20°	4406.9	4414.6	4237.7	3835.9	3139.9	2530.3	1822.8	1334.4	890.2	623.0	482.6



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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°	2557.3	2563.0	2451.5	2224.6	1859.3	1499.7	1184.4	882.5	655.7	519.1	423.0
-25°	1469.0	1445.9	1401.7	1292.1	1121.0	924.8	786.4	621.0	524.9	440.3	386.5
-27.5°	890.2	874.9	851.8	803.7	736.4	638.4	574.9	501.8	446.1	396.1	363.4
-30°	621.0	626.8	607.6	582.6	551.8	507.6	473.0	438.4	401.9	371.1	340.3
-32.5°	494.1	498.0	488.4	478.8	463.4	446.1	424.9	399.9	371.1	342.2	313.4
-35°	424.9	426.9	426.9	424.9	421.1	407.6	392.2	369.2	342.2	315.3	290.3
-37.5°	390.3	392.2	392.2	390.3	384.6	373.0	357.6	338.4	313.4	288.4	269.2
-40°	353.8	355.7	353.8	349.9	344.2	332.6	321.1	305.7	286.5	265.3	248.0
-42.5°	319.2	317.3	315.3	311.5	305.7	298.0	288.4	276.9	263.4	248.0	234.6
-45°	286.5	286.5	284.6	282.6	278.8	273.0	267.3	257.6	248.0	236.5	225.0
-47.5°	269.2	269.2	267.3	265.3	263.4	259.6	253.8	246.1	238.4	228.8	219.2
-50°	257.6	257.6	257.6	255.7	253.8	250.0	244.2	238.4	230.7	221.1	211.5
-52.5°	250.0	250.0	250.0	248.0	246.1	244.2	238.4	230.7	221.1	213.4	205.7
-55°	246.1	244.2	244.2	242.3	240.3	238.4	230.7	223.0	215.3	207.7	200.0
-57.5°	240.3	238.4	238.4	236.5	234.6	232.7	225.0	217.3	209.6	200.0	194.2
-60°	234.6	232.7	232.7	228.8	226.9	225.0	217.3	209.6	201.9	194.2	186.5
-62.5°	226.9	225.0	223.0	221.1	217.3	213.4	207.7	200.0	190.4	182.7	175.0
-65°	209.6	207.7	205.7	203.8	201.9	200.0	194.2	184.6	176.9	169.2	161.5
-67.5°	188.4	188.4	188.4	184.6	182.7	178.8	175.0	167.3	159.6	151.9	146.1
-70°	163.4	163.4	163.4	159.6	157.7	155.7	150.0	144.2	138.4	132.7	125.0
-72.5°	138.4	136.5	136.5	134.6	130.7	128.8	125.0	121.1	115.4	111.5	105.8
-75°	113.4	111.5	111.5	109.6	107.7	105.8	101.9	100.0	96.1	92.3	86.5
-77.5°	90.4	90.4	90.4	88.4	86.5	84.6	82.7	80.8	78.8	75.0	71.1
-80°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	67.3	63.5	61.5	59.6
-82.5°	50.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	50.0	48.1	46.1
-85°	32.7	34.6	34.6	36.5	38.5	38.5	40.4	38.5	36.5	32.7	30.8
-87.5°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	15.4	15.4	15.4	13.5
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	3.8	3.8
85°	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7	7.7
82.5°	3.8	5.8	5.8	5.8	7.7	7.7	9.6	11.5	15.4	17.3	17.3
80°	3.8	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5	13.5	17.3
77.5°	3.8	3.8	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5	13.5
75°	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5
72.5°	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7	7.7	9.6	9.6
70°	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7
67.5°	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7
65°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8
62.5°	1.9	1.9	1.9	3.8	3.8	3.8	3.8	3.8	5.8	5.8	5.8
60°	7.7	7.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	17.3	17.3	15.4	13.5	11.5	11.5	9.6	7.7	7.7	5.8	5.8
55°	28.8	26.9	25.0	21.2	19.2	17.3	15.4	11.5	9.6	7.7	5.8
52.5°	36.5	34.6	32.7	30.8	26.9	23.1	21.2	19.2	15.4	11.5	9.6
50°	53.8	48.1	44.2	40.4	36.5	32.7	28.8	26.9	21.2	17.3	13.5
47.5°	65.4	61.5	55.8	51.9	48.1	42.3	36.5	32.7	28.8	23.1	17.3
45°	75.0	71.1	65.4	61.5	57.7	51.9	46.1	40.4	36.5	30.8	23.1
42.5°	84.6	80.8	75.0	71.1	65.4	59.6	53.8	48.1	42.3	38.5	30.8
40°	98.1	92.3	84.6	80.8	76.9	69.2	61.5	55.8	50.0	44.2	36.5
37.5°	115.4	109.6	100.0	92.3	86.5	80.8	73.1	65.4	59.6	51.9	44.2
35°	142.3	132.7	119.2	107.7	100.0	92.3	82.7	75.0	67.3	59.6	51.9
32.5°	169.2	153.8	136.5	123.1	111.5	101.9	92.3	84.6	75.0	65.4	57.7
30°	190.4	173.0	155.7	136.5	123.1	111.5	101.9	92.3	82.7	73.1	63.5
27.5°	211.5	192.3	173.0	153.8	134.6	119.2	109.6	100.0	90.4	80.8	69.2
25°	232.7	211.5	192.3	171.1	148.1	130.7	117.3	109.6	100.0	88.4	75.0
22.5°	251.9	232.7	213.4	190.4	163.4	140.4	126.9	117.3	107.7	94.2	82.7
20°	288.4	263.4	240.3	211.5	180.7	157.7	140.4	126.9	115.4	101.9	88.4
17.5°	336.5	299.9	269.2	236.5	205.7	176.9	151.9	136.5	125.0	109.6	94.2
15°	398.0	334.6	296.1	263.4	226.9	194.2	167.3	146.1	130.7	115.4	101.9
12.5°	444.2	361.5	319.2	288.4	250.0	213.4	178.8	153.8	136.5	121.1	105.8
10°	496.1	390.3	338.4	303.8	263.4	223.0	186.5	159.6	140.4	126.9	111.5
7.5°	538.4	413.4	348.0	309.6	271.1	230.7	194.2	165.4	146.1	130.7	115.4
5°	576.8	432.6	355.7	311.5	275.0	236.5	198.0	169.2	150.0	134.6	119.2
2.5°	603.7	449.9	363.4	315.3	278.8	240.3	203.8	173.0	153.8	138.4	123.1
0°	626.8	455.7	361.5	315.3	280.7	240.3	205.7	175.0	155.7	140.4	125.0
-2.5°	634.5	465.3	371.1	319.2	284.6	244.2	209.6	176.9	157.7	142.3	128.8
-5°	634.5	457.6	371.1	323.0	286.5	246.1	209.6	178.8	159.6	144.2	128.8
-7.5°	611.4	446.1	369.2	326.9	288.4	248.0	209.6	180.7	161.5	146.1	130.7
-10°	571.1	428.8	367.2	328.8	288.4	246.1	209.6	180.7	161.5	146.1	132.7
-12.5°	505.7	405.7	357.6	324.9	284.6	242.3	207.7	180.7	161.5	148.1	132.7
-15°	473.0	386.5	346.1	313.4	275.0	236.5	203.8	178.8	161.5	148.1	134.6
-17.5°	428.8	371.1	334.6	301.9	267.3	230.7	200.0	178.8	161.5	146.1	134.6
-20°	398.0	353.8	321.1	292.3	257.6	225.0	198.0	176.9	161.5	146.1	134.6



REPORT NUMBER: P724216

CATALOG NUMBER: IFLD-S-SA2D-827-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°	371.1	334.6	305.7	276.9	246.1	217.3	194.2	175.0	159.6	146.1	134.6
-25°	349.9	317.3	290.3	263.4	236.5	211.5	190.4	173.0	157.7	146.1	132.7
-27.5°	330.7	299.9	275.0	250.0	225.0	205.7	186.5	171.1	157.7	144.2	130.7
-30°	309.6	284.6	259.6	236.5	219.2	200.0	182.7	167.3	155.7	142.3	128.8
-32.5°	288.4	265.3	244.2	226.9	211.5	196.1	180.7	165.4	151.9	138.4	125.0
-35°	269.2	248.0	232.7	217.3	205.7	192.3	176.9	161.5	150.0	136.5	125.0
-37.5°	250.0	234.6	221.1	209.6	198.0	186.5	171.1	157.7	146.1	132.7	119.2
-40°	234.6	223.0	213.4	203.8	192.3	178.8	167.3	153.8	142.3	128.8	113.4
-42.5°	225.0	215.3	205.7	196.1	186.5	175.0	163.4	150.0	138.4	125.0	109.6
-45°	215.3	207.7	200.0	192.3	182.7	171.1	157.7	144.2	132.7	119.2	107.7
-47.5°	209.6	201.9	194.2	188.4	180.7	165.4	153.8	140.4	126.9	115.4	101.9
-50°	203.8	196.1	190.4	182.7	173.0	159.6	148.1	134.6	123.1	109.6	98.1
-52.5°	198.0	190.4	182.7	175.0	165.4	153.8	142.3	130.7	117.3	103.8	92.3
-55°	192.3	184.6	176.9	169.2	159.6	150.0	138.4	123.1	109.6	96.1	84.6
-57.5°	186.5	180.7	171.1	161.5	151.9	142.3	128.8	115.4	101.9	88.4	78.8
-60°	178.8	171.1	163.4	151.9	142.3	130.7	119.2	107.7	94.2	82.7	73.1
-62.5°	167.3	159.6	151.9	140.4	130.7	121.1	111.5	98.1	88.4	76.9	67.3
-65°	153.8	146.1	138.4	128.8	119.2	109.6	101.9	90.4	80.8	71.1	63.5
-67.5°	138.4	130.7	125.0	115.4	107.7	98.1	90.4	80.8	71.1	63.5	55.8
-70°	119.2	113.4	107.7	100.0	92.3	84.6	76.9	69.2	61.5	55.8	48.1
-72.5°	101.9	96.1	90.4	84.6	78.8	71.1	65.4	59.6	53.8	48.1	44.2
-75°	82.7	78.8	75.0	71.1	65.4	59.6	55.8	50.0	46.1	42.3	40.4
-77.5°	69.2	65.4	61.5	57.7	53.8	50.0	46.1	42.3	40.4	38.5	36.5
-80°	55.8	53.8	51.9	48.1	46.1	42.3	40.4	36.5	36.5	36.5	36.5
-82.5°	44.2	42.3	40.4	38.5	36.5	34.6	34.6	32.7	34.6	34.6	32.7
-85°	30.8	28.8	26.9	26.9	25.0	25.0	23.1	23.1	23.1	21.2	21.2
-87.5°	13.5	13.5	13.5	13.5	11.5	11.5	11.5	11.5	11.5	9.6	9.6
-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: P724216
 CATALOG NUMBER: IFLD-S-SA2D-827-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°	3.8	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	7.7	7.7	5.8	5.8	5.8	3.8	3.8	1.9	1.9	1.9	1.9
82.5°	17.3	15.4	13.5	11.5	9.6	7.7	5.8	3.8	3.8	1.9	1.9
80°	21.2	21.2	21.2	19.2	15.4	11.5	7.7	5.8	3.8	1.9	1.9
77.5°	15.4	15.4	17.3	19.2	19.2	15.4	9.6	5.8	3.8	3.8	1.9
75°	11.5	11.5	11.5	13.5	15.4	15.4	11.5	7.7	3.8	3.8	1.9
72.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.7	5.8	3.8	3.8
70°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.7	5.8	3.8	3.8
67.5°	7.7	7.7	9.6	9.6	9.6	7.7	7.7	7.7	5.8	3.8	3.8
65°	5.8	7.7	7.7	9.6	7.7	7.7	7.7	5.8	5.8	3.8	3.8
62.5°	5.8	5.8	7.7	7.7	7.7	7.7	5.8	5.8	5.8	3.8	3.8
60°	5.8	5.8	5.8	7.7	5.8	5.8	5.8	5.8	5.8	3.8	3.8
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8
55°	5.8	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8
52.5°	7.7	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8
50°	9.6	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8	3.8
47.5°	13.5	9.6	7.7	5.8	5.8	3.8	3.8	3.8	3.8	3.8	1.9
45°	19.2	13.5	9.6	7.7	5.8	3.8	3.8	3.8	3.8	3.8	1.9
42.5°	23.1	17.3	11.5	9.6	7.7	5.8	3.8	3.8	3.8	1.9	1.9
40°	28.8	23.1	15.4	11.5	7.7	5.8	3.8	3.8	3.8	1.9	1.9
37.5°	36.5	28.8	19.2	13.5	9.6	5.8	5.8	3.8	3.8	1.9	1.9
35°	42.3	32.7	25.0	15.4	11.5	7.7	5.8	3.8	3.8	1.9	1.9
32.5°	48.1	38.5	30.8	19.2	13.5	9.6	7.7	3.8	3.8	1.9	1.9
30°	53.8	44.2	34.6	25.0	17.3	11.5	7.7	3.8	3.8	1.9	1.9
27.5°	59.6	48.1	38.5	28.8	19.2	13.5	9.6	5.8	3.8	1.9	1.9
25°	65.4	53.8	42.3	32.7	21.2	15.4	9.6	5.8	3.8	3.8	1.9
22.5°	69.2	59.6	48.1	36.5	25.0	17.3	11.5	7.7	3.8	3.8	1.9
20°	75.0	65.4	51.9	40.4	28.8	19.2	11.5	7.7	3.8	3.8	1.9
17.5°	80.8	69.2	55.8	44.2	32.7	21.2	13.5	9.6	3.8	3.8	1.9
15°	86.5	73.1	59.6	46.1	34.6	23.1	13.5	9.6	3.8	3.8	1.9
12.5°	92.3	78.8	63.5	50.0	36.5	25.0	15.4	11.5	5.8	3.8	1.9
10°	96.1	82.7	67.3	51.9	38.5	28.8	17.3	11.5	5.8	3.8	1.9
7.5°	101.9	86.5	71.1	55.8	40.4	30.8	19.2	11.5	5.8	3.8	1.9
5°	103.8	90.4	73.1	59.6	42.3	32.7	21.2	13.5	5.8	3.8	1.9
2.5°	105.8	94.2	75.0	61.5	44.2	32.7	21.2	13.5	7.7	3.8	1.9
0°	107.7	96.1	76.9	63.5	46.1	34.6	23.1	13.5	7.7	3.8	1.9
-2.5°	109.6	98.1	80.8	65.4	48.1	36.5	25.0	13.5	7.7	3.8	1.9
-5°	111.5	98.1	84.6	67.3	50.0	36.5	25.0	15.4	9.6	3.8	1.9
-7.5°	113.4	100.0	86.5	69.2	51.9	36.5	26.9	15.4	9.6	5.8	1.9
-10°	115.4	101.9	88.4	71.1	51.9	38.5	26.9	15.4	9.6	5.8	1.9
-12.5°	117.3	103.8	88.4	71.1	53.8	38.5	26.9	17.3	9.6	5.8	1.9
-15°	119.2	103.8	88.4	71.1	53.8	40.4	28.8	17.3	9.6	5.8	3.8
-17.5°	119.2	103.8	88.4	73.1	53.8	40.4	28.8	17.3	9.6	5.8	3.8
-20°	119.2	103.8	88.4	73.1	53.8	40.4	28.8	17.3	9.6	5.8	3.8



REPORT NUMBER: P724216

CATALOG NUMBER: IFLD-S-SA2D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	117.3	101.9	88.4	71.1	53.8	40.4	28.8	17.3	11.5	5.8	3.8
-25°	117.3	101.9	88.4	71.1	53.8	40.4	26.9	17.3	11.5	5.8	3.8
-27.5°	115.4	101.9	86.5	69.2	51.9	38.5	26.9	17.3	11.5	5.8	3.8
-30°	113.4	100.0	84.6	67.3	51.9	38.5	26.9	17.3	11.5	5.8	3.8
-32.5°	111.5	96.1	82.7	65.4	50.0	36.5	26.9	17.3	11.5	5.8	3.8
-35°	107.7	94.2	78.8	63.5	48.1	36.5	25.0	17.3	11.5	7.7	3.8
-37.5°	103.8	90.4	76.9	61.5	46.1	34.6	25.0	17.3	11.5	7.7	3.8
-40°	100.0	88.4	73.1	57.7	44.2	32.7	25.0	17.3	11.5	7.7	5.8
-42.5°	96.1	84.6	71.1	55.8	44.2	32.7	23.1	17.3	11.5	7.7	5.8
-45°	94.2	82.7	67.3	53.8	42.3	32.7	23.1	15.4	11.5	7.7	5.8
-47.5°	90.4	76.9	63.5	51.9	40.4	30.8	21.2	15.4	11.5	7.7	5.8
-50°	84.6	73.1	61.5	50.0	38.5	28.8	21.2	15.4	11.5	7.7	5.8
-52.5°	78.8	67.3	57.7	46.1	36.5	28.8	21.2	15.4	11.5	7.7	5.8
-55°	73.1	63.5	53.8	44.2	34.6	26.9	19.2	15.4	11.5	7.7	5.8
-57.5°	69.2	59.6	50.0	40.4	32.7	25.0	19.2	13.5	9.6	7.7	5.8
-60°	65.4	55.8	46.1	38.5	30.8	25.0	19.2	13.5	9.6	7.7	3.8
-62.5°	59.6	51.9	42.3	36.5	28.8	23.1	17.3	13.5	9.6	7.7	3.8
-65°	53.8	46.1	38.5	32.7	26.9	21.2	17.3	13.5	9.6	7.7	3.8
-67.5°	48.1	42.3	36.5	30.8	25.0	21.2	17.3	13.5	9.6	5.8	3.8
-70°	44.2	38.5	32.7	28.8	25.0	19.2	17.3	13.5	9.6	5.8	3.8
-72.5°	38.5	34.6	30.8	26.9	23.1	21.2	17.3	13.5	7.7	5.8	3.8
-75°	36.5	32.7	28.8	26.9	25.0	21.2	17.3	11.5	7.7	5.8	3.8
-77.5°	36.5	32.7	30.8	28.8	25.0	21.2	15.4	9.6	5.8	5.8	3.8
-80°	36.5	34.6	32.7	26.9	23.1	17.3	11.5	9.6	5.8	3.8	1.9
-82.5°	32.7	26.9	23.1	19.2	17.3	13.5	9.6	7.7	3.8	3.8	1.9
-85°	21.2	17.3	15.4	13.5	11.5	9.6	5.8	3.8	3.8	1.9	1.9
-87.5°	9.6	9.6	7.7	5.8	5.8	3.8	3.8	1.9	1.9	1.9	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: P724216
 CATALOG NUMBER: IFLD-S-SA2D-827-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	1.9	1.9	0.0	0.0
65°	1.9	1.9	0.0	0.0
62.5°	1.9	1.9	0.0	0.0
60°	1.9	1.9	0.0	0.0
57.5°	1.9	1.9	1.9	0.0
55°	1.9	1.9	1.9	0.0
52.5°	1.9	1.9	1.9	0.0
50°	1.9	1.9	1.9	0.0
47.5°	1.9	1.9	1.9	0.0
45°	1.9	1.9	1.9	0.0
42.5°	1.9	1.9	1.9	0.0
40°	1.9	1.9	1.9	0.0
37.5°	1.9	1.9	1.9	0.0
35°	1.9	1.9	1.9	0.0
32.5°	1.9	1.9	1.9	0.0
30°	1.9	1.9	1.9	0.0
27.5°	1.9	1.9	1.9	0.0
25°	1.9	1.9	1.9	0.0
22.5°	1.9	1.9	1.9	0.0
20°	1.9	1.9	1.9	0.0
17.5°	1.9	1.9	1.9	0.0
15°	1.9	1.9	1.9	0.0
12.5°	1.9	1.9	1.9	0.0
10°	1.9	1.9	1.9	0.0
7.5°	1.9	1.9	1.9	0.0
5°	1.9	1.9	1.9	0.0
2.5°	1.9	1.9	1.9	0.0
0°	1.9	1.9	1.9	0.0
-2.5°	1.9	1.9	1.9	0.0
-5°	1.9	1.9	1.9	0.0
-7.5°	1.9	1.9	1.9	0.0
-10°	1.9	1.9	1.9	0.0
-12.5°	1.9	1.9	1.9	0.0
-15°	1.9	1.9	1.9	0.0
-17.5°	1.9	1.9	1.9	0.0
-20°	1.9	1.9	1.9	0.0



REPORT NUMBER: P724216

CATALOG NUMBER: IFLD-S-SA2D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.9	1.9	1.9	0.0
-25°	1.9	1.9	1.9	0.0
-27.5°	1.9	1.9	1.9	0.0
-30°	1.9	1.9	1.9	0.0
-32.5°	1.9	1.9	1.9	0.0
-35°	1.9	1.9	1.9	0.0
-37.5°	1.9	1.9	1.9	0.0
-40°	1.9	1.9	1.9	0.0
-42.5°	1.9	1.9	1.9	0.0
-45°	1.9	1.9	1.9	0.0
-47.5°	1.9	1.9	1.9	0.0
-50°	1.9	1.9	1.9	0.0
-52.5°	1.9	1.9	1.9	0.0
-55°	1.9	1.9	1.9	0.0
-57.5°	1.9	1.9	1.9	0.0
-60°	1.9	1.9	0.0	0.0
-62.5°	1.9	1.9	0.0	0.0
-65°	1.9	1.9	0.0	0.0
-67.5°	1.9	1.9	0.0	0.0
-70°	1.9	1.9	0.0	0.0
-72.5°	1.9	1.9	0.0	0.0
-75°	1.9	1.9	0.0	0.0
-77.5°	1.9	0.0	0.0	0.0
-80°	1.9	0.0	0.0	0.0
-82.5°	1.9	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)