

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: P723813

Luminaire Tested: **IFLD-S-SA3B-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723813
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6621.8 lumens	Max Intensity:	155787.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	2401.3 lumens	Field Lumens:	3828.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

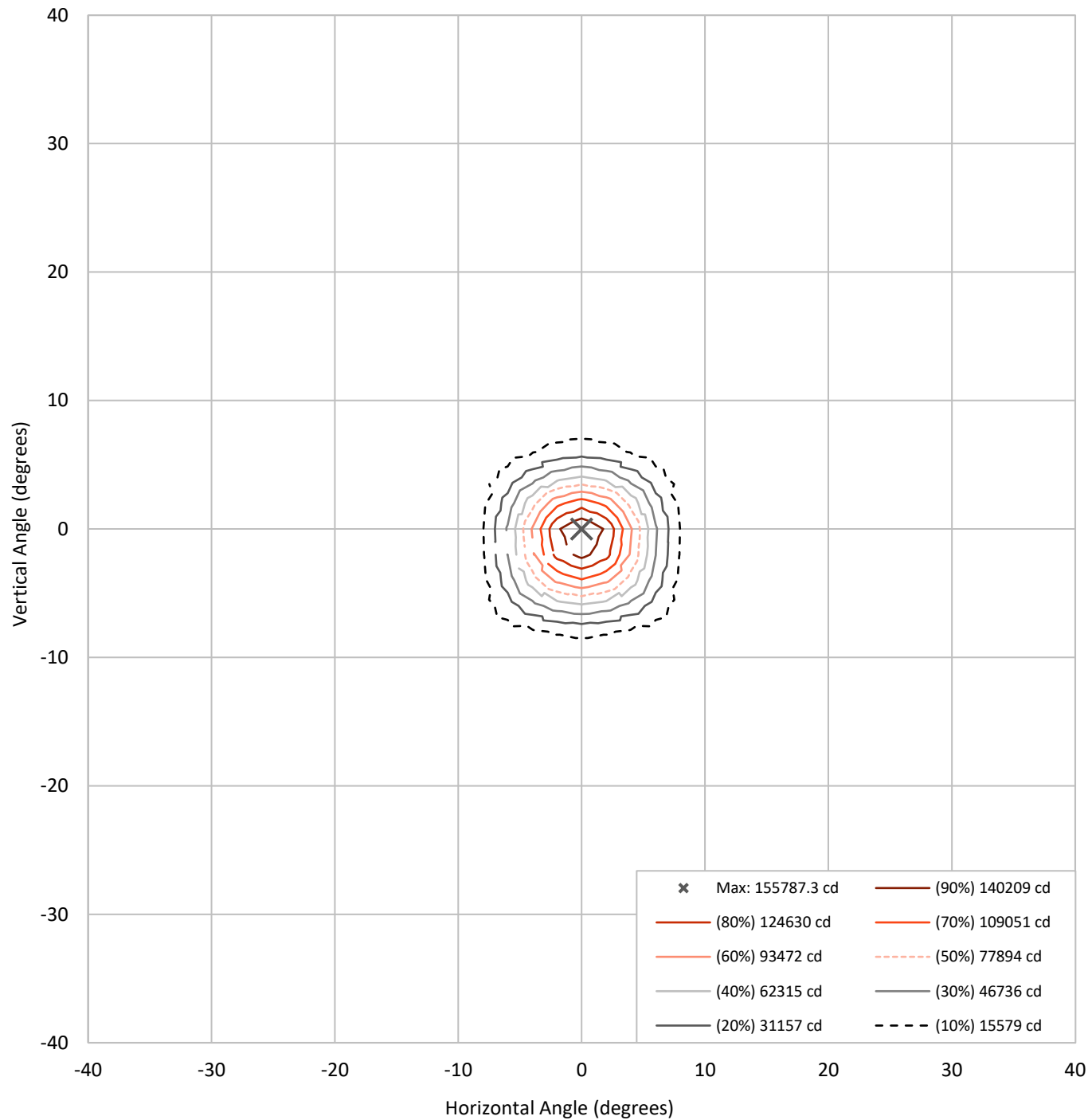
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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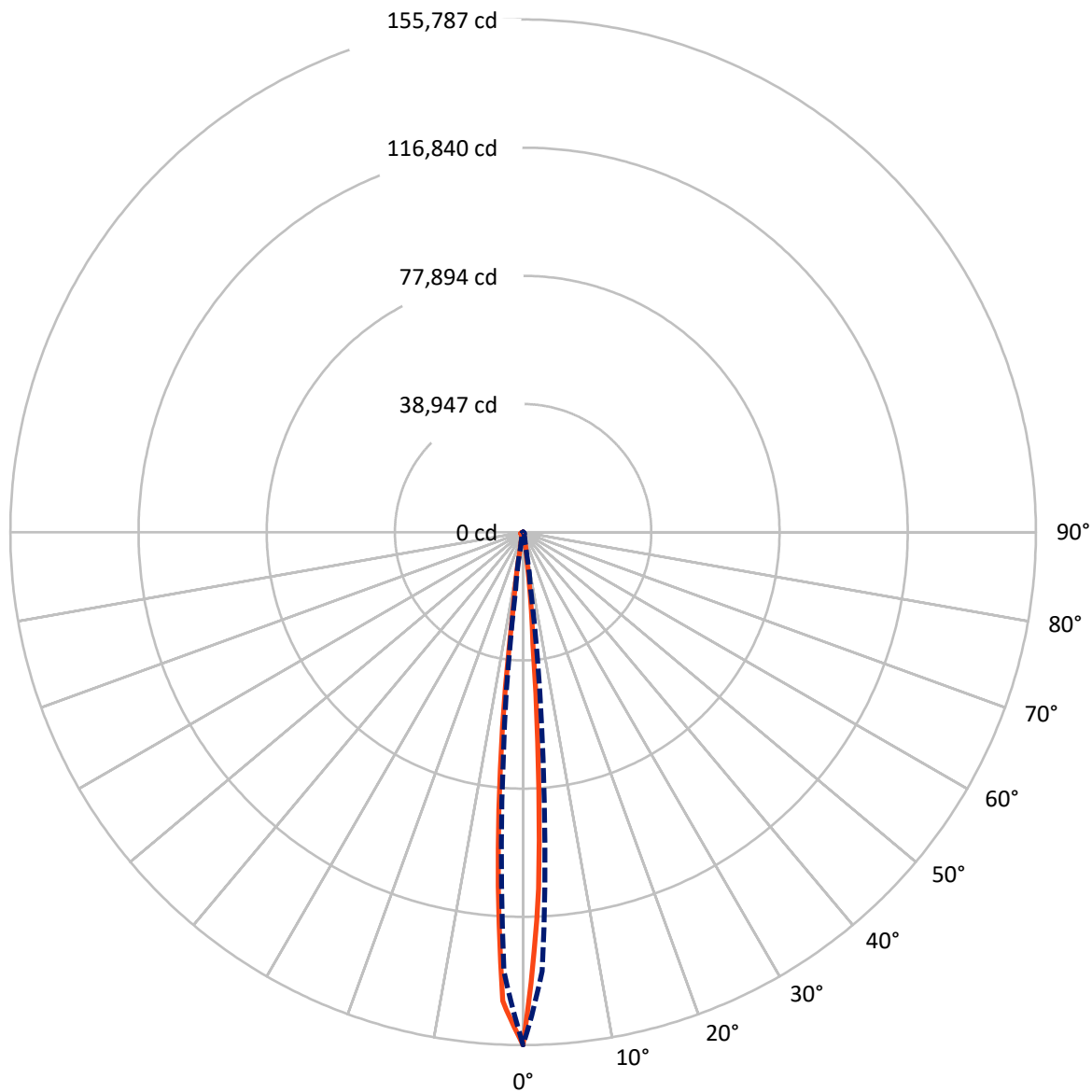
Lumen Table

90																			
80	0.1		1.5		1.6		0.6		0.2		0.6		1.6		1.5		0.1		
70																			
60	0.2		0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.2		
50			0.2	0.3	0.8	1.7	2.8	3.6	4.1	4.1	3.6	2.8	1.7	0.8	0.3	0.2			
40	0.2		0.2	0.9	3.0	5.9	8.7	10.5	11.6	11.6	10.5	8.7	5.9	3.0	0.9	0.2	0.2		
30			0.4	2.3	6.2	10.1	11.8	12.8	13.2	13.2	12.8	11.8	10.1	6.2	2.3	0.4			
20	0.3		0.9	3.9	9.0	11.7	12.0	14.2	17.1	17.1	14.2	12.0	11.7	9.0	3.9	0.9	0.3		
10			1.3	5.5	11.1	12.4	14.0	24.7	42.0	42.0	24.7	14.0	12.4	11.1	5.5	1.3			
0	0.4		1.7	6.8	12.2	12.9	17.3	46.9	869.3	869.3	46.9	17.3	12.9	12.2	6.8	1.7	0.4		
-10			2.0	7.4	12.8	13.4	17.9	50.5	1267.5	1267.5	50.5	17.9	13.4	12.8	7.4	2.0			
-20	0.6		2.2	7.6	13.5	14.5	16.2	29.4	56.4	56.4	29.4	16.2	14.5	13.5	7.6	2.2	0.6		
-30			2.1	7.2	13.6	16.2	16.3	19.0	23.2	23.2	19.0	16.3	16.2	13.6	7.2	2.1			
-40	0.7		1.8	6.4	13.0	17.9	19.5	20.3	20.4	20.4	20.3	19.5	17.9	13.0	6.4	1.8	0.7		
-50			1.6	5.1	11.1	17.2	21.0	23.5	24.6	24.6	23.5	21.0	17.2	11.1	5.1	1.6			
-60	0.6		1.5	4.0	8.6	14.7	19.7	22.9	24.3	24.3	22.9	19.7	14.7	8.6	4.0	1.5	0.6		
-70			1.3	3.5	7.0	12.3	17.3	20.9	22.6	22.6	20.9	17.3	12.3	7.0	3.5	1.3			
-80	0.3		4.1		12.2		22.6		24.9		22.6		12.2		4.1		0.3		
-90																			
Horizontal Angle (degrees)																			
-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



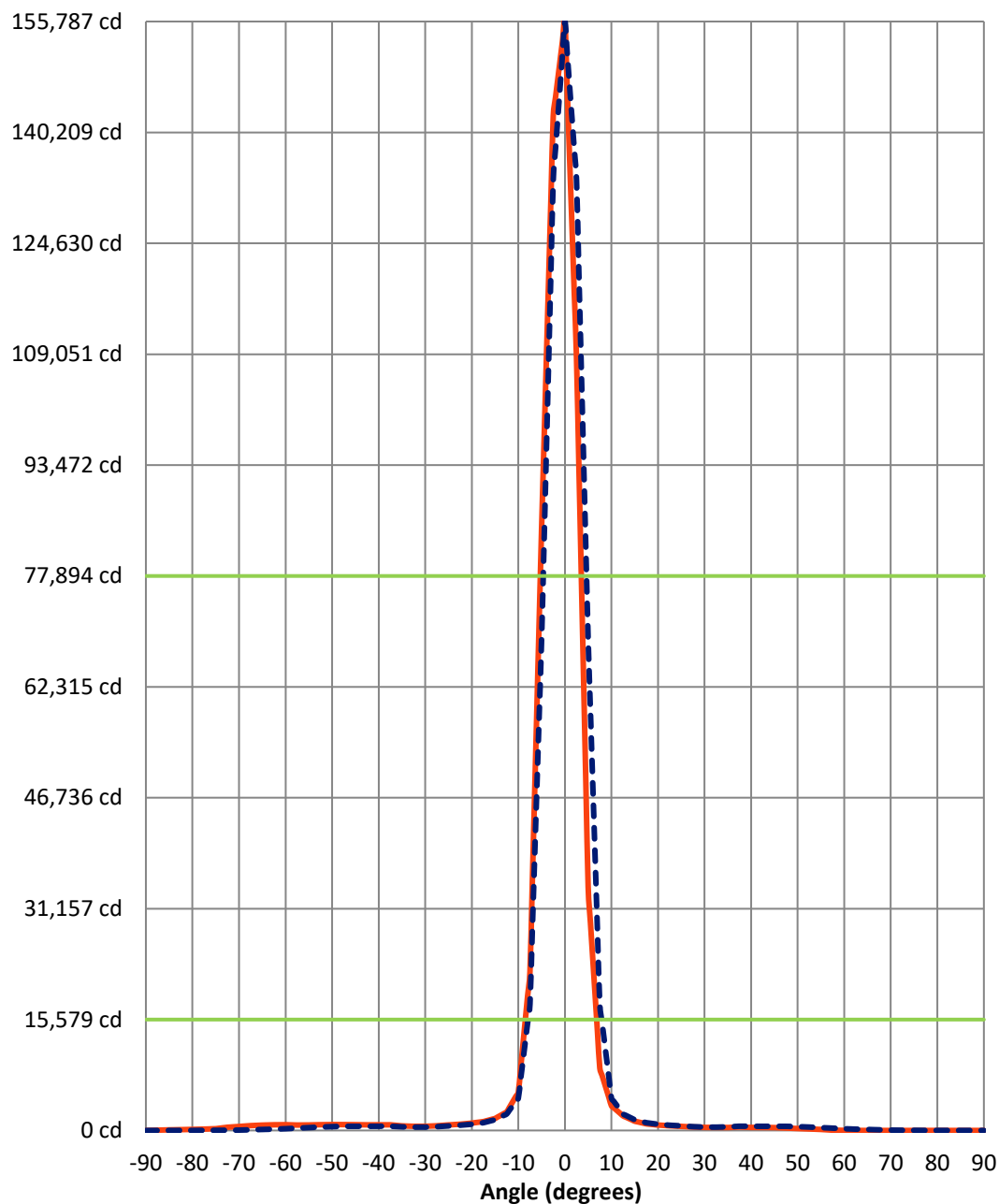
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2401.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3828.2

Efficiency: 57.8%

Spill:

Lumens: 2793.6

Efficiency: 42.2%

— 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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	0.0	1.5	1.5	3.1	3.1	3.1	4.6	6.1	7.6	7.6	9.2
82.5°	0.0	1.5	1.5	3.1	3.1	4.6	4.6	7.6	9.2	10.7	13.8
80°	1.5	1.5	1.5	3.1	3.1	4.6	4.6	6.1	7.6	10.7	12.2
77.5°	0.0	1.5	1.5	1.5	3.1	3.1	3.1	4.6	6.1	7.6	9.2
75°	0.0	1.5	1.5	1.5	3.1	3.1	3.1	3.1	4.6	4.6	6.1
72.5°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
70°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
67.5°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
65°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	4.6	4.6	4.6	4.6
62.5°	1.5	1.5	1.5	3.1	4.6	4.6	6.1	7.6	7.6	7.6	7.6
60°	15.3	16.8	18.3	18.3	16.8	16.8	18.3	18.3	18.3	18.3	18.3
57.5°	41.3	44.3	45.9	45.9	45.9	44.3	50.4	52.0	45.9	42.8	47.4
55°	143.7	148.3	145.2	140.6	131.5	120.8	117.7	116.2	117.7	110.1	97.8
52.5°	209.4	214.0	212.5	209.4	203.3	195.7	189.5	183.4	177.3	165.1	151.3
50°	272.1	273.6	272.1	269.0	262.9	255.3	243.0	229.3	217.1	214.0	201.8
47.5°	342.4	347.0	347.0	345.5	340.9	327.1	308.8	288.9	279.7	276.7	264.5
45°	405.1	408.1	409.7	411.2	409.7	395.9	379.1	368.4	348.5	342.4	342.4
42.5°	421.9	423.4	425.0	426.5	431.1	420.4	406.6	388.3	383.7	382.2	379.1
40°	428.0	425.0	426.5	428.0	429.5	421.9	411.2	400.5	397.4	394.4	394.4
37.5°	486.1	472.3	461.6	452.5	444.8	437.2	426.5	417.3	409.7	403.6	409.7
35°	414.3	414.3	425.0	434.1	443.3	452.5	454.0	443.3	426.5	418.8	429.5
32.5°	423.4	423.4	423.4	426.5	429.5	437.2	444.8	449.4	461.6	447.9	447.9
30°	432.6	434.1	437.2	438.7	434.1	431.1	428.0	428.0	435.7	455.5	466.2
27.5°	486.1	486.1	481.5	475.4	461.6	440.2	429.5	414.3	415.8	425.0	450.9
25°	573.2	570.2	559.5	544.2	519.7	489.2	460.1	428.0	414.3	409.7	420.4
22.5°	655.8	651.2	637.4	623.7	603.8	573.2	524.3	475.4	432.6	414.3	409.7
20°	761.3	750.6	735.3	713.9	681.8	651.2	608.4	544.2	481.5	434.1	415.8
17.5°	930.9	917.2	888.1	849.9	794.9	747.5	686.3	625.2	554.9	478.5	437.2
15°	1302.4	1267.2	1216.8	1111.3	1002.8	912.6	820.9	718.4	646.6	545.7	483.0
12.5°	2048.3	1952.0	1805.3	1559.2	1316.1	1106.7	958.4	827.0	710.8	617.6	528.9
10°	3466.9	3260.5	2855.5	2182.9	1735.0	1349.8	1083.8	908.0	761.3	664.9	567.1
7.5°	8768.1	7152.4	5061.2	3456.2	2270.0	1649.4	1239.7	984.4	814.8	695.5	597.7
5°	34173.7	28151.0	15017.1	6267.3	3414.9	1994.8	1380.3	1045.6	849.9	718.4	620.6
2.5°	108456.8	93659.8	49138.9	13491.6	4193.0	2247.1	1476.6	1083.8	869.8	735.3	637.4
0°	155787.3	133515.4	68963.5	17744.2	4547.6	2311.3	1507.2	1091.4	872.8	738.3	637.4
-2.5°	142518.9	124732.0	66618.6	16512.1	4647.0	2329.6	1531.7	1117.4	895.8	752.1	642.0
-5°	84683.8	74280.0	46471.4	11773.4	4128.8	2163.0	1467.5	1094.5	880.5	744.4	639.0
-7.5°	22311.7	19315.6	12705.9	6143.5	2672.0	1829.8	1348.2	1056.3	860.6	730.7	626.7
-10°	5379.2	5097.9	4553.7	2791.3	2080.4	1528.6	1195.4	987.5	820.9	712.3	606.9
-12.5°	2594.1	2532.9	2299.0	1895.5	1543.9	1270.3	1082.3	915.6	784.2	680.2	579.3
-15°	1687.6	1652.4	1572.9	1418.6	1239.7	1108.2	976.8	842.3	738.3	632.8	556.4
-17.5°	1248.9	1247.4	1207.6	1149.5	1060.9	963.0	866.7	781.1	680.2	590.0	532.0
-20°	1034.9	1034.9	1011.9	973.7	911.1	846.9	782.7	703.2	620.6	553.4	528.9

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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°	879.0	880.5	868.3	843.8	810.2	756.7	694.0	629.8	570.2	545.7	538.1
-25°	778.1	775.0	761.3	738.3	703.2	660.4	619.1	576.3	559.5	553.4	564.1
-27.5°	658.8	663.4	657.3	646.6	623.7	593.1	583.9	571.7	574.8	583.9	625.2
-30°	588.5	593.1	599.2	603.8	596.2	588.5	591.6	600.7	620.6	655.8	671.1
-32.5°	588.5	590.0	599.2	608.4	613.0	619.1	635.9	666.5	695.5	686.3	683.3
-35°	642.0	637.4	649.7	661.9	678.7	700.1	718.4	712.3	701.6	698.6	701.6
-37.5°	794.9	765.8	753.6	746.0	741.4	738.3	733.7	729.1	724.6	721.5	726.1
-40°	793.4	785.7	778.1	772.0	767.4	761.3	758.2	756.7	752.1	749.0	746.0
-42.5°	790.3	793.4	793.4	791.8	793.4	791.8	787.2	781.1	773.5	767.4	761.3
-45°	813.2	814.8	817.8	820.9	825.5	819.3	810.2	799.5	788.8	779.6	772.0
-47.5°	827.0	828.5	831.6	836.2	839.2	833.1	820.9	807.1	790.3	775.0	759.7
-50°	831.6	836.2	837.7	837.7	836.2	828.5	810.2	790.3	772.0	756.7	742.9
-52.5°	810.2	814.8	816.3	813.2	811.7	804.1	787.2	768.9	749.0	738.3	726.1
-55°	775.0	781.1	785.7	785.7	785.7	784.2	768.9	752.1	736.8	724.6	712.3
-57.5°	761.3	772.0	781.1	782.7	784.2	785.7	775.0	758.2	739.8	721.5	706.2
-60°	811.7	820.9	825.5	819.3	814.8	810.2	793.4	773.5	755.1	736.8	707.7
-62.5°	797.9	813.2	820.9	816.3	810.2	802.5	784.2	761.3	739.8	720.0	690.9
-65°	753.6	767.4	776.5	768.9	759.7	749.0	732.2	710.8	690.9	671.1	645.1
-67.5°	678.7	698.6	713.9	697.0	684.8	671.1	657.3	639.0	619.1	596.2	571.7
-70°	561.0	576.3	590.0	585.5	582.4	579.3	570.2	551.8	535.0	516.7	495.3
-72.5°	450.9	464.7	476.9	469.3	463.2	454.0	440.2	420.4	400.5	380.6	360.8
-75°	249.2	253.8	258.3	256.8	256.8	256.8	256.8	258.3	255.3	250.7	241.5
-77.5°	191.1	197.2	201.8	204.8	209.4	215.5	220.1	212.5	204.8	197.2	188.0
-80°	149.8	155.9	160.5	177.3	189.5	203.3	212.5	201.8	191.1	181.9	174.3
-82.5°	113.1	117.7	122.3	131.5	137.6	145.2	151.3	151.3	149.8	148.3	143.7
-85°	82.5	88.7	94.8	97.8	102.4	102.4	103.9	97.8	91.7	87.1	81.0
-87.5°	47.4	48.9	48.9	48.9	50.4	50.4	50.4	47.4	45.9	42.8	41.3
-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°	1.5	1.5	1.5	3.1	3.1	4.6	4.6	6.1	6.1	7.6	7.6
85°	9.2	9.2	9.2	10.7	10.7	12.2	13.8	15.3	16.8	16.8	18.3
82.5°	15.3	16.8	18.3	19.9	21.4	22.9	24.5	26.0	30.6	33.6	35.2
80°	15.3	16.8	21.4	24.5	27.5	30.6	30.6	30.6	30.6	32.1	35.2
77.5°	10.7	12.2	13.8	16.8	24.5	30.6	35.2	38.2	35.2	33.6	30.6
75°	6.1	7.6	9.2	10.7	15.3	21.4	29.0	36.7	42.8	41.3	38.2
72.5°	6.1	6.1	7.6	9.2	10.7	12.2	13.8	21.4	30.6	38.2	42.8
70°	6.1	7.6	7.6	9.2	10.7	12.2	13.8	16.8	21.4	30.6	39.7
67.5°	6.1	7.6	7.6	10.7	13.8	15.3	16.8	15.3	13.8	19.9	29.0
65°	6.1	6.1	7.6	9.2	10.7	12.2	16.8	16.8	15.3	15.3	15.3
62.5°	9.2	9.2	9.2	9.2	10.7	10.7	10.7	13.8	13.8	13.8	13.8
60°	18.3	16.8	16.8	16.8	16.8	13.8	13.8	13.8	12.2	13.8	12.2
57.5°	44.3	36.7	33.6	33.6	29.0	27.5	22.9	16.8	16.8	13.8	13.8
55°	90.2	85.6	71.8	59.6	53.5	47.4	36.7	30.6	22.9	18.3	16.8
52.5°	139.1	126.9	114.6	99.4	84.1	71.8	61.1	47.4	38.2	27.5	21.4
50°	181.9	171.2	157.4	140.6	120.8	105.5	90.2	71.8	56.6	42.8	30.6
47.5°	247.6	226.2	209.4	189.5	166.6	145.2	125.3	103.9	79.5	62.7	47.4
45°	318.0	287.4	264.5	246.1	215.5	186.5	163.6	140.6	111.6	82.5	64.2
42.5°	366.9	343.9	313.4	288.9	261.4	230.8	200.2	175.8	145.2	111.6	82.5
40°	392.9	377.6	353.1	331.7	302.7	269.0	236.9	212.5	180.4	143.7	103.9
37.5°	412.7	405.1	392.9	376.0	348.5	308.8	276.7	247.6	220.1	177.3	134.5
35°	435.7	434.1	426.5	418.8	395.9	357.7	319.5	285.9	252.2	212.5	165.1
32.5°	457.1	455.5	450.9	447.9	438.7	405.1	363.8	325.6	287.4	246.1	194.1
30°	467.8	464.7	464.7	467.8	458.6	437.2	406.6	365.3	322.5	273.6	224.7
27.5°	467.8	464.7	466.2	470.8	469.3	458.6	435.7	402.0	354.6	299.6	252.2
25°	447.9	463.2	463.2	469.3	470.8	467.8	455.5	434.1	385.2	327.1	273.6
22.5°	420.4	457.1	470.8	469.3	470.8	478.5	480.0	460.1	414.3	354.6	295.0
20°	420.4	446.4	486.1	475.4	478.5	495.3	502.9	486.1	444.8	380.6	316.4
17.5°	429.5	446.4	480.0	496.8	501.4	515.1	527.4	516.7	472.3	408.1	345.5
15°	455.5	452.5	475.4	516.7	524.3	535.0	548.8	536.5	496.8	438.7	373.0
12.5°	473.9	457.1	475.4	519.7	544.2	554.9	559.5	550.3	518.2	466.2	400.5
10°	498.3	469.3	478.5	516.7	551.8	559.5	564.1	561.0	538.1	489.2	425.0
7.5°	516.7	475.4	475.4	512.1	559.5	565.6	568.6	571.7	554.9	509.0	446.4
5°	524.3	475.4	472.3	507.5	567.1	573.2	573.2	577.8	567.1	524.3	461.6
2.5°	525.8	473.9	469.3	504.4	580.9	580.9	577.8	582.4	576.3	533.5	472.3
0°	533.5	472.3	467.8	509.0	596.2	590.0	582.4	583.9	580.9	538.1	478.5
-2.5°	533.5	480.0	473.9	512.1	594.6	593.1	590.0	591.6	588.5	551.8	490.7
-5°	541.1	490.7	484.6	525.8	593.1	597.7	599.2	599.2	594.6	561.0	498.3
-7.5°	542.7	498.3	496.8	539.6	596.2	603.8	608.4	611.4	602.3	567.1	504.4
-10°	535.0	501.4	509.0	556.4	599.2	609.9	619.1	623.7	608.4	570.2	507.5
-12.5°	518.2	501.4	521.3	577.8	606.9	619.1	632.8	634.4	614.5	571.7	509.0
-15°	516.7	513.6	542.7	599.2	611.4	626.7	648.1	643.5	619.1	571.7	509.0
-17.5°	515.1	530.4	574.8	606.9	619.1	635.9	652.7	648.1	622.1	571.7	506.0
-20°	528.9	557.9	613.0	614.5	628.3	646.6	655.8	646.6	617.6	567.1	501.4

REPORT NUMBER: P723813

CATALOG NUMBER: IFLD-S-SA3B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	551.8	606.9	625.2	631.3	643.5	657.3	661.9	648.1	613.0	559.5	493.7
-25°	609.9	637.4	637.4	651.2	663.4	669.5	664.9	649.7	606.9	551.8	486.1
-27.5°	654.2	652.7	660.4	674.1	684.8	684.8	672.6	642.0	597.7	544.2	475.4
-30°	671.1	672.6	683.3	698.6	701.6	694.0	675.6	635.9	590.0	532.0	461.6
-32.5°	687.9	694.0	707.7	715.4	716.9	701.6	668.0	625.2	577.8	518.2	446.4
-35°	707.7	720.0	727.6	729.1	721.5	695.5	657.3	611.4	559.5	498.3	432.6
-37.5°	733.7	739.8	744.4	738.3	716.9	686.3	639.0	593.1	542.7	476.9	412.7
-40°	750.6	753.6	755.1	735.3	709.3	664.9	619.1	571.7	513.6	452.5	391.3
-42.5°	761.3	758.2	746.0	724.6	686.3	643.5	599.2	545.7	487.6	428.0	368.4
-45°	758.2	747.5	729.1	703.2	663.4	620.6	568.6	515.1	460.1	402.0	342.4
-47.5°	746.0	729.1	706.2	675.6	639.0	587.0	535.0	483.0	429.5	373.0	318.0
-50°	730.7	710.8	683.3	645.1	596.2	548.8	501.4	450.9	395.9	343.9	295.0
-52.5°	713.9	692.5	657.3	614.5	561.0	512.1	466.2	417.3	366.9	318.0	275.2
-55°	695.5	674.1	634.4	585.5	532.0	478.5	434.1	392.9	343.9	296.6	258.3
-57.5°	686.3	658.8	617.6	568.6	512.1	457.1	418.8	374.5	330.2	281.3	244.6
-60°	678.7	651.2	613.0	556.4	502.9	450.9	406.6	363.8	316.4	270.6	233.9
-62.5°	657.3	628.3	593.1	538.1	486.1	438.7	399.0	348.5	302.7	259.9	226.2
-65°	614.5	583.9	553.4	504.4	457.1	412.7	373.0	327.1	284.3	247.6	218.6
-67.5°	547.2	521.3	493.7	452.5	412.7	373.0	336.3	296.6	261.4	235.4	220.1
-70°	472.3	444.8	417.3	383.7	350.1	318.0	288.9	259.9	236.9	223.2	210.9
-72.5°	343.9	331.7	318.0	292.0	264.5	244.6	230.8	218.6	201.8	189.5	181.9
-75°	229.3	212.5	191.1	181.9	183.4	180.4	172.7	163.6	155.9	151.3	140.6
-77.5°	178.8	169.7	159.0	148.3	143.7	139.1	133.0	125.3	119.2	108.5	93.2
-80°	165.1	157.4	149.8	142.2	134.5	123.8	111.6	99.4	93.2	88.7	87.1
-82.5°	136.0	126.9	117.7	110.1	99.4	91.7	84.1	78.0	78.0	76.4	74.9
-85°	78.0	74.9	70.3	67.3	64.2	59.6	55.0	52.0	50.4	48.9	47.4
-87.5°	39.7	38.2	35.2	33.6	32.1	30.6	27.5	26.0	24.5	24.5	22.9
-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: P723813

CATALOG NUMBER: IFLD-S-SA3B-827-U-11-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°	7.6	7.6	6.1	6.1	6.1	4.6	3.1	3.1	1.5	1.5	0.0
85°	18.3	15.3	13.8	12.2	12.2	9.2	6.1	4.6	3.1	1.5	1.5
82.5°	35.2	30.6	26.0	22.9	18.3	13.8	10.7	7.6	4.6	3.1	1.5
80°	39.7	39.7	38.2	32.1	26.0	19.9	13.8	9.2	6.1	4.6	3.1
77.5°	30.6	33.6	33.6	33.6	32.1	24.5	16.8	10.7	6.1	4.6	3.1
75°	35.2	30.6	29.0	30.6	29.0	24.5	19.9	12.2	7.6	6.1	3.1
72.5°	42.8	36.7	32.1	30.6	27.5	22.9	18.3	13.8	7.6	6.1	4.6
70°	39.7	38.2	35.2	32.1	27.5	22.9	18.3	13.8	9.2	6.1	4.6
67.5°	35.2	35.2	35.2	32.1	27.5	21.4	16.8	12.2	9.2	6.1	4.6
65°	24.5	29.0	32.1	30.6	27.5	21.4	16.8	12.2	9.2	7.6	4.6
62.5°	15.3	19.9	26.0	29.0	26.0	21.4	15.3	12.2	9.2	7.6	4.6
60°	13.8	15.3	18.3	22.9	24.5	19.9	15.3	10.7	9.2	7.6	4.6
57.5°	13.8	13.8	15.3	18.3	19.9	18.3	13.8	9.2	9.2	7.6	6.1
55°	15.3	13.8	13.8	15.3	16.8	16.8	13.8	9.2	9.2	7.6	6.1
52.5°	18.3	15.3	13.8	13.8	13.8	15.3	12.2	9.2	9.2	7.6	6.1
50°	22.9	18.3	16.8	13.8	13.8	13.8	12.2	9.2	7.6	7.6	6.1
47.5°	30.6	24.5	18.3	16.8	13.8	12.2	10.7	9.2	7.6	7.6	6.1
45°	45.9	29.0	24.5	18.3	15.3	13.8	12.2	9.2	7.6	7.6	6.1
42.5°	62.7	42.8	30.6	21.4	16.8	13.8	12.2	10.7	7.6	7.6	6.1
40°	79.5	58.1	38.2	27.5	19.9	15.3	12.2	10.7	9.2	7.6	6.1
37.5°	97.8	71.8	50.4	35.2	22.9	16.8	13.8	10.7	9.2	7.6	6.1
35°	120.8	90.2	62.7	42.8	27.5	19.9	15.3	10.7	9.2	7.6	6.1
32.5°	146.7	107.0	74.9	52.0	35.2	24.5	16.8	12.2	9.2	7.6	6.1
30°	171.2	126.9	88.7	62.7	42.8	27.5	18.3	12.2	9.2	7.6	4.6
27.5°	195.7	146.7	105.5	73.4	52.0	32.1	19.9	13.8	9.2	7.6	6.1
25°	220.1	166.6	122.3	84.1	59.6	38.2	24.5	15.3	9.2	7.6	6.1
22.5°	241.5	186.5	137.6	96.3	68.8	44.3	27.5	16.8	10.7	7.6	6.1
20°	266.0	207.9	154.4	110.1	76.4	50.4	30.6	18.3	10.7	7.6	6.1
17.5°	288.9	229.3	171.2	122.3	85.6	56.6	35.2	19.9	12.2	7.6	6.1
15°	311.8	249.2	186.5	134.5	94.8	62.7	38.2	21.4	13.8	7.6	6.1
12.5°	333.2	267.5	200.2	145.2	102.4	68.8	41.3	22.9	15.3	7.6	6.1
10°	353.1	284.3	214.0	154.4	110.1	73.4	44.3	26.0	16.8	7.6	6.1
7.5°	373.0	298.1	224.7	163.6	119.2	79.5	47.4	27.5	18.3	9.2	6.1
5°	385.2	310.3	233.9	171.2	126.9	85.6	50.4	29.0	19.9	9.2	6.1
2.5°	395.9	319.5	240.0	178.8	134.5	90.2	50.4	30.6	21.4	9.2	6.1
0°	402.0	325.6	244.6	183.4	140.6	93.2	52.0	32.1	22.9	9.2	6.1
-2.5°	415.8	336.3	255.3	189.5	146.7	102.4	55.0	33.6	24.5	10.7	6.1
-5°	425.0	342.4	262.9	195.7	151.3	111.6	59.6	36.7	27.5	13.8	7.6
-7.5°	432.6	348.5	269.0	198.7	155.9	114.6	61.1	38.2	29.0	15.3	7.6
-10°	434.1	351.6	273.6	203.3	159.0	119.2	62.7	39.7	30.6	16.8	7.6
-12.5°	435.7	354.6	275.2	206.4	162.0	122.3	64.2	41.3	32.1	18.3	7.6
-15°	434.1	353.1	275.2	209.4	163.6	119.2	67.3	42.8	33.6	19.9	7.6
-17.5°	431.1	351.6	273.6	207.9	162.0	116.2	68.8	45.9	33.6	21.4	9.2
-20°	426.5	347.0	270.6	206.4	160.5	113.1	70.3	47.4	35.2	21.4	9.2

REPORT NUMBER: P723813

CATALOG NUMBER: IFLD-S-SA3B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	418.8	339.4	264.5	201.8	157.4	110.1	70.3	50.4	36.7	21.4	9.2
-25°	409.7	331.7	258.3	195.7	152.9	105.5	70.3	52.0	38.2	21.4	9.2
-27.5°	399.0	324.1	249.2	191.1	146.7	102.4	70.3	53.5	39.7	21.4	9.2
-30°	386.7	313.4	241.5	183.4	142.2	102.4	71.8	55.0	41.3	21.4	9.2
-32.5°	374.5	302.7	232.3	177.3	136.0	100.9	71.8	56.6	42.8	19.9	10.7
-35°	360.8	290.4	224.7	172.7	131.5	97.8	73.4	56.6	41.3	19.9	10.7
-37.5°	343.9	275.2	217.1	168.1	128.4	94.8	73.4	58.1	39.7	19.9	10.7
-40°	325.6	262.9	207.9	162.0	123.8	93.2	73.4	58.1	38.2	19.9	12.2
-42.5°	305.7	249.2	198.7	155.9	119.2	91.7	73.4	58.1	36.7	19.9	12.2
-45°	287.4	235.4	188.0	148.3	114.6	91.7	73.4	56.6	33.6	21.4	12.2
-47.5°	267.5	220.1	175.8	140.6	113.1	90.2	71.8	53.5	30.6	21.4	12.2
-50°	250.7	204.8	166.6	133.0	110.1	91.7	73.4	48.9	30.6	21.4	12.2
-52.5°	233.9	194.1	155.9	129.9	107.0	93.2	71.8	45.9	30.6	21.4	12.2
-55°	220.1	183.4	149.8	125.3	110.1	96.3	68.8	41.3	30.6	21.4	12.2
-57.5°	209.4	177.3	145.2	126.9	114.6	93.2	64.2	39.7	30.6	19.9	12.2
-60°	201.8	171.2	146.7	133.0	116.2	88.7	61.1	39.7	30.6	19.9	10.7
-62.5°	195.7	172.7	154.4	137.6	110.1	82.5	58.1	39.7	27.5	18.3	10.7
-65°	197.2	178.8	157.4	131.5	105.5	76.4	53.5	38.2	26.0	16.8	10.7
-67.5°	201.8	174.3	148.3	123.8	94.8	68.8	48.9	35.2	24.5	16.8	10.7
-70°	186.5	160.5	134.5	105.5	81.0	59.6	45.9	32.1	21.4	15.3	10.7
-72.5°	168.1	134.5	107.0	85.6	68.8	55.0	41.3	29.0	19.9	13.8	9.2
-75°	122.3	97.8	79.5	71.8	61.1	48.9	36.7	26.0	18.3	13.8	9.2
-77.5°	87.1	81.0	73.4	65.7	55.0	42.8	32.1	24.5	16.8	12.2	7.6
-80°	85.6	78.0	68.8	56.6	45.9	36.7	27.5	21.4	15.3	10.7	6.1
-82.5°	71.8	61.1	52.0	42.8	35.2	29.0	22.9	16.8	12.2	7.6	4.6
-85°	44.3	38.2	33.6	29.0	24.5	19.9	15.3	10.7	7.6	4.6	3.1
-87.5°	21.4	19.9	16.8	13.8	12.2	9.2	7.6	6.1	4.6	3.1	1.5
-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: P723813

CATALOG NUMBER: IFLD-S-SA3B-827-U-11-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°	1.5	0.0	0.0	0.0
80°	1.5	0.0	0.0	0.0
77.5°	1.5	0.0	0.0	0.0
75°	1.5	1.5	0.0	0.0
72.5°	1.5	1.5	0.0	0.0
70°	3.1	1.5	1.5	0.0
67.5°	3.1	1.5	1.5	0.0
65°	3.1	1.5	1.5	0.0
62.5°	3.1	1.5	1.5	0.0
60°	3.1	1.5	1.5	0.0
57.5°	3.1	1.5	1.5	0.0
55°	3.1	1.5	1.5	0.0
52.5°	3.1	1.5	1.5	0.0
50°	3.1	1.5	1.5	0.0
47.5°	3.1	3.1	1.5	0.0
45°	3.1	3.1	1.5	0.0
42.5°	3.1	3.1	1.5	0.0
40°	3.1	3.1	1.5	0.0
37.5°	3.1	3.1	1.5	0.0
35°	3.1	3.1	1.5	0.0
32.5°	4.6	3.1	1.5	0.0
30°	4.6	3.1	3.1	0.0
27.5°	4.6	3.1	3.1	0.0
25°	4.6	3.1	3.1	0.0
22.5°	4.6	3.1	3.1	0.0
20°	4.6	3.1	3.1	0.0
17.5°	4.6	3.1	3.1	0.0
15°	4.6	3.1	3.1	0.0
12.5°	4.6	3.1	3.1	0.0
10°	4.6	3.1	3.1	0.0
7.5°	4.6	3.1	3.1	0.0
5°	4.6	3.1	3.1	0.0
2.5°	4.6	3.1	3.1	0.0
0°	4.6	3.1	3.1	0.0
-2.5°	4.6	3.1	3.1	0.0
-5°	4.6	3.1	3.1	0.0
-7.5°	4.6	3.1	3.1	0.0
-10°	4.6	3.1	3.1	0.0
-12.5°	6.1	3.1	3.1	0.0
-15°	6.1	3.1	3.1	0.0
-17.5°	6.1	3.1	3.1	0.0
-20°	6.1	3.1	3.1	0.0



REPORT NUMBER: P723813

CATALOG NUMBER: IFLD-S-SA3B-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.1	3.1	3.1	0.0
-25°	6.1	3.1	3.1	0.0
-27.5°	6.1	3.1	3.1	0.0
-30°	6.1	3.1	3.1	0.0
-32.5°	6.1	3.1	3.1	0.0
-35°	6.1	3.1	3.1	0.0
-37.5°	6.1	3.1	3.1	0.0
-40°	6.1	3.1	3.1	0.0
-42.5°	4.6	3.1	1.5	0.0
-45°	6.1	3.1	1.5	0.0
-47.5°	6.1	3.1	1.5	0.0
-50°	6.1	3.1	1.5	0.0
-52.5°	6.1	3.1	1.5	0.0
-55°	6.1	3.1	1.5	0.0
-57.5°	6.1	3.1	1.5	0.0
-60°	6.1	3.1	1.5	0.0
-62.5°	6.1	3.1	1.5	0.0
-65°	6.1	3.1	1.5	0.0
-67.5°	6.1	3.1	1.5	0.0
-70°	6.1	1.5	1.5	0.0
-72.5°	4.6	1.5	1.5	0.0
-75°	4.6	1.5	1.5	0.0
-77.5°	3.1	1.5	0.0	0.0
-80°	3.1	1.5	0.0	0.0
-82.5°	3.1	1.5	0.0	0.0
-85°	1.5	0.0	0.0	0.0
-87.5°	1.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)