

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: P723841

Luminaire Tested: **IFLD-S-SA3A-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723841
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-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	5787.5 lumens	Max Intensity:	136160.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.1 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:	2098.8 lumens	Field Lumens:	3345.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

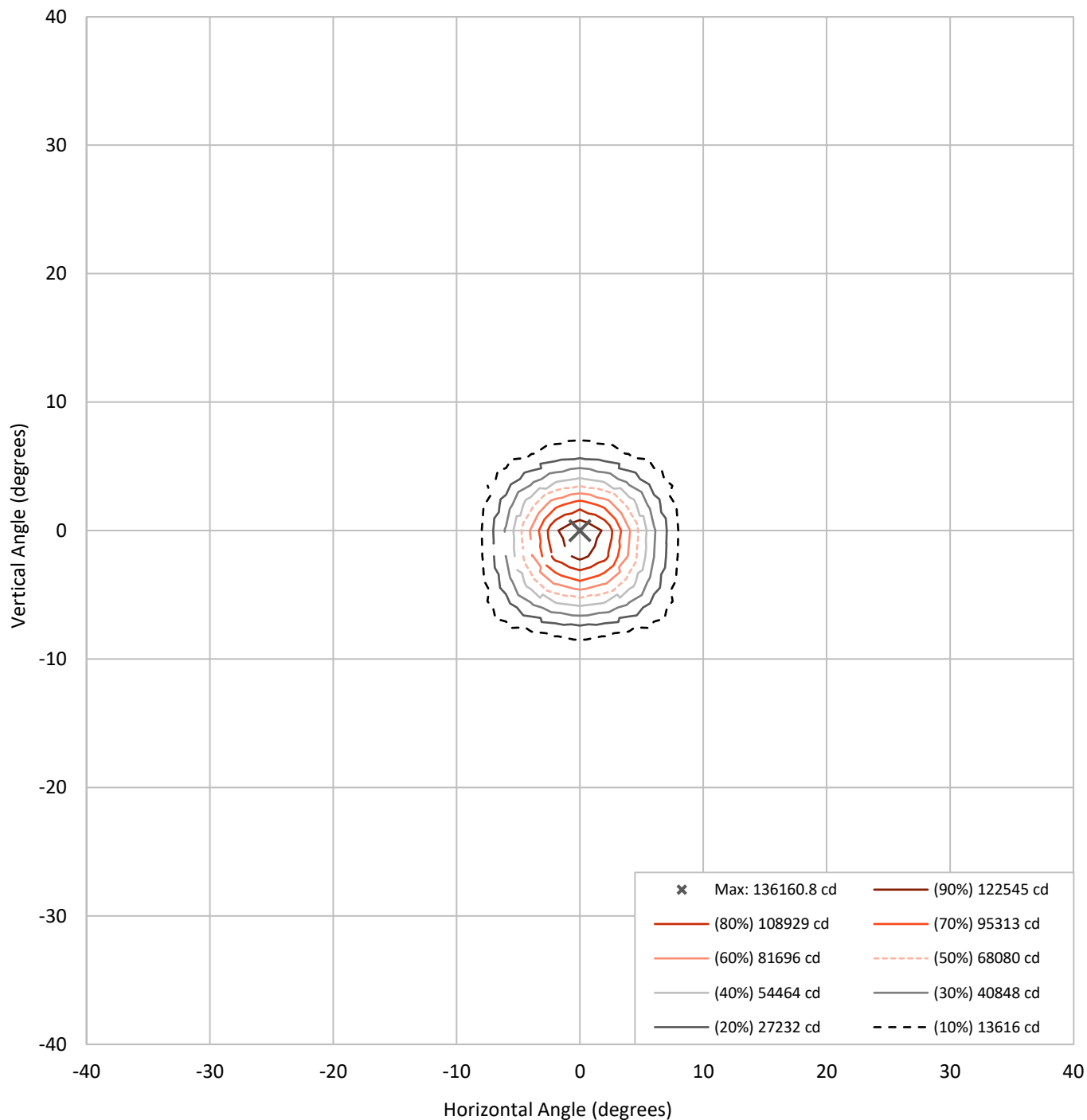
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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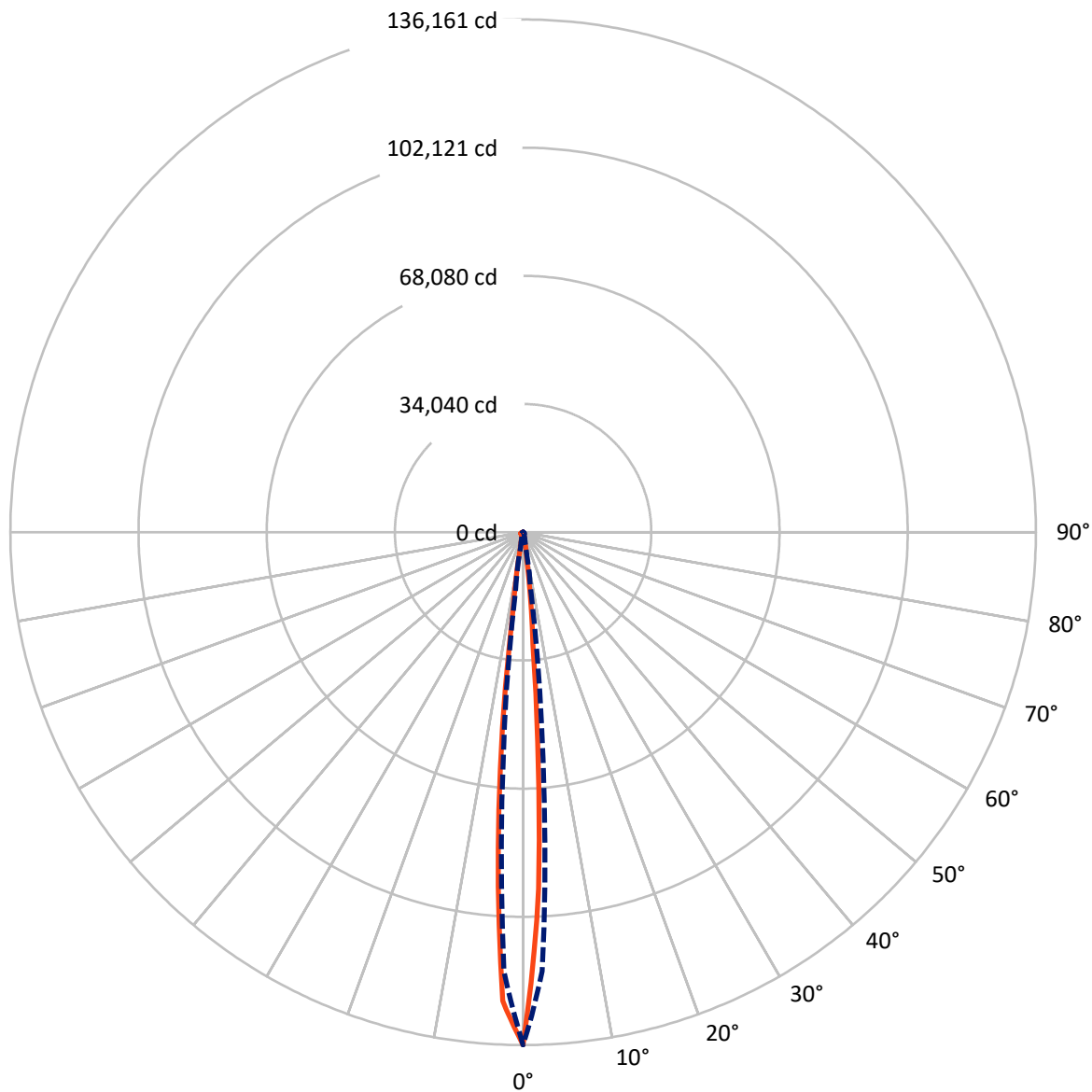
Lumen Table

90																	
80	0.1	1.3		1.4		0.5		0.1		0.5		1.4		1.3		0.1	
70																	
60	0.1	0.3	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.3	0.1	
50		0.2	0.3	0.7	1.5	2.4	3.1	3.6	3.6	3.1	2.4	1.5	0.7	0.3	0.2		
40	0.1	0.2	0.8	2.6	5.2	7.6	9.1	10.1	10.1	9.1	7.6	5.2	2.6	0.8	0.2	0.1	
30		0.4	2.0	5.4	8.8	10.3	11.2	11.6	11.6	11.2	10.3	8.8	5.4	2.0	0.4		
20	0.2	0.8	3.4	7.9	10.2	10.5	12.4	14.9	14.9	12.4	10.5	10.2	7.9	3.4	0.8	0.2	
10		1.2	4.8	9.7	10.9	12.3	21.6	36.7	36.7	21.6	12.3	10.9	9.7	4.8	1.2		
0	0.4	1.5	5.9	10.6	11.3	15.1	41.0	759.8	759.8	41.0	15.1	11.3	10.6	5.9	1.5	0.4	
-10		1.8	6.5	11.2	11.7	15.7	44.2	1107.8	1107.8	44.2	15.7	11.7	11.2	6.5	1.8		
-20	0.6	1.9	6.6	11.8	12.7	14.1	25.7	49.3	49.3	25.7	14.1	12.7	11.8	6.6	1.9	0.6	
-30		1.8	6.3	11.9	14.2	14.2	16.6	20.3	20.3	16.6	14.2	14.2	11.9	6.3	1.8		
-40	0.6	1.6	5.6	11.4	15.6	17.0	17.7	17.9	17.9	17.7	17.0	15.6	11.4	5.6	1.6	0.6	
-50		1.4	4.5	9.7	15.1	18.3	20.5	21.5	21.5	20.5	18.3	15.1	9.7	4.5	1.4		
-60	0.5	1.3	3.5	7.5	12.8	17.3	20.0	21.2	21.2	20.0	17.3	12.8	7.5	3.5	1.3	0.5	
-70		1.2	3.0	6.1	10.7	15.1	18.3	19.7	19.7	18.3	15.1	10.7	6.1	3.0	1.2		
-80	0.2	3.6		10.7		19.7		21.8		19.7		10.7		3.6		0.2	
-90																	
	Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



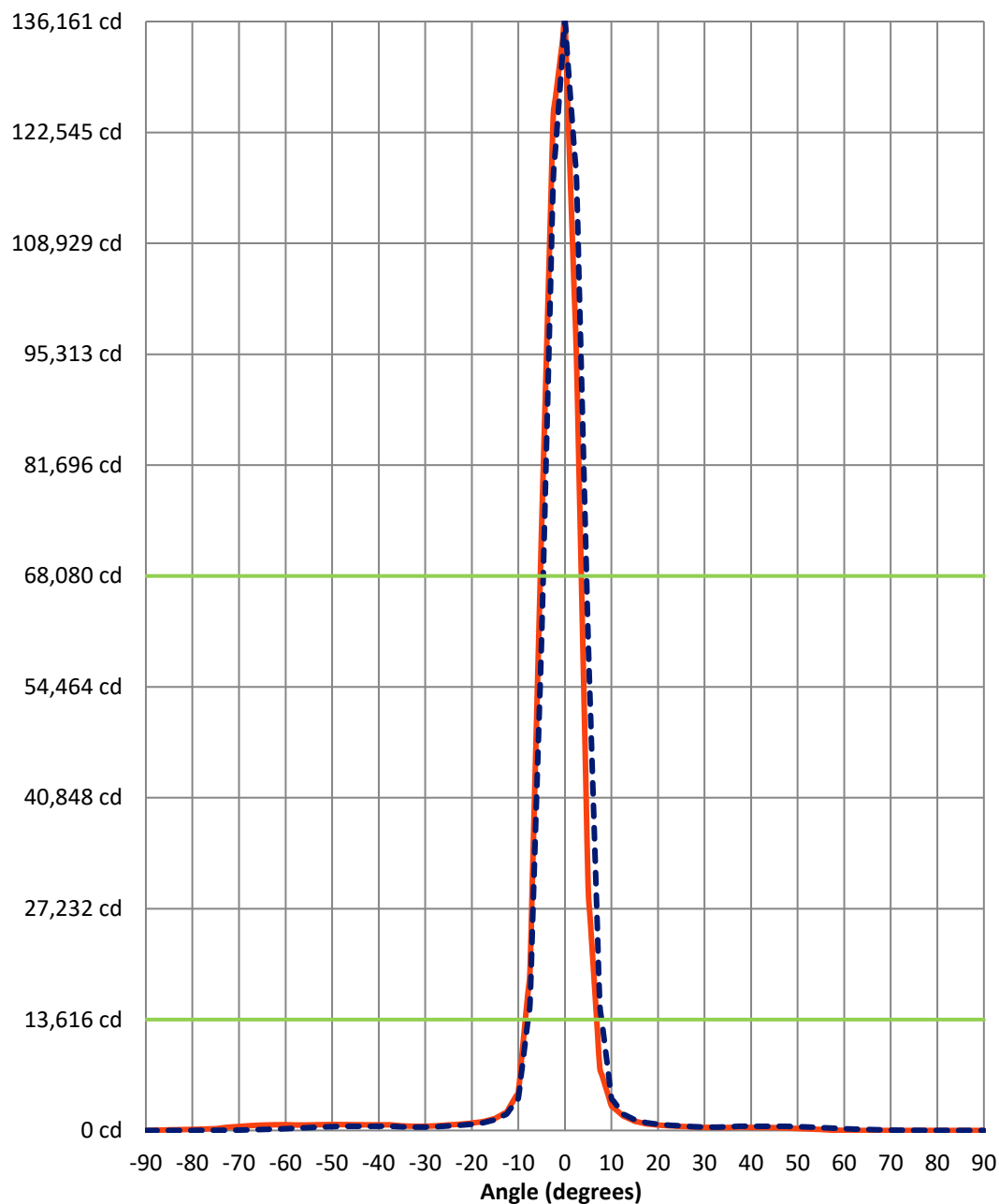
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2098.8

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3345.9

Efficiency: 57.8%

Spill:

Lumens: 2441.6

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	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85°	0.0	1.3	1.3	2.7	2.7	2.7	4.0	5.3	6.7	6.7	8.0
82.5°	0.0	1.3	1.3	2.7	2.7	4.0	4.0	6.7	8.0	9.4	12.0
80°	1.3	1.3	1.3	2.7	2.7	4.0	4.0	5.3	6.7	9.4	10.7
77.5°	0.0	1.3	1.3	1.3	2.7	2.7	2.7	4.0	5.3	6.7	8.0
75°	0.0	1.3	1.3	1.3	2.7	2.7	2.7	2.7	4.0	4.0	5.3
72.5°	0.0	0.0	0.0	1.3	1.3	2.7	2.7	2.7	4.0	4.0	4.0
70°	0.0	0.0	0.0	1.3	1.3	2.7	2.7	2.7	4.0	4.0	4.0
67.5°	0.0	0.0	0.0	1.3	1.3	2.7	2.7	2.7	4.0	4.0	4.0
65°	0.0	0.0	0.0	1.3	1.3	2.7	2.7	4.0	4.0	4.0	4.0
62.5°	1.3	1.3	1.3	2.7	4.0	4.0	5.3	6.7	6.7	6.7	6.7
60°	13.4	14.7	16.0	16.0	14.7	14.7	16.0	16.0	16.0	16.0	16.0
57.5°	36.1	38.7	40.1	40.1	40.1	38.7	44.1	45.4	40.1	37.4	41.4
55°	125.6	129.6	126.9	122.9	114.9	105.5	102.9	101.5	102.9	96.2	85.5
52.5°	183.0	187.0	185.7	183.0	177.7	171.0	165.7	160.3	155.0	144.3	132.3
50°	237.8	239.2	237.8	235.1	229.8	223.1	212.4	200.4	189.7	187.0	176.4
47.5°	299.3	303.3	303.3	301.9	297.9	285.9	269.9	252.5	244.5	241.8	231.1
45°	354.0	356.7	358.1	359.4	358.1	346.0	331.3	322.0	304.6	299.3	299.3
42.5°	368.7	370.1	371.4	372.8	376.8	367.4	355.4	339.4	335.3	334.0	331.3
40°	374.1	371.4	372.8	374.1	375.4	368.7	359.4	350.0	347.4	344.7	344.7
37.5°	424.9	412.8	403.5	395.5	388.8	382.1	372.8	364.7	358.1	352.7	358.1
35°	362.1	362.1	371.4	379.4	387.5	395.5	396.8	387.5	372.8	366.1	375.4
32.5°	370.1	370.1	370.1	372.8	375.4	382.1	388.8	392.8	403.5	391.5	391.5
30°	378.1	379.4	382.1	383.4	379.4	376.8	374.1	374.1	380.8	398.1	407.5
27.5°	424.9	424.9	420.9	415.5	403.5	384.8	375.4	362.1	363.4	371.4	394.1
25°	501.0	498.3	489.0	475.6	454.3	427.5	402.1	374.1	362.1	358.1	367.4
22.5°	573.2	569.2	557.1	545.1	527.7	501.0	458.3	415.5	378.1	362.1	358.1
20°	665.3	656.0	642.6	623.9	595.9	569.2	531.7	475.6	420.9	379.4	363.4
17.5°	813.6	801.6	776.2	742.8	694.7	653.3	599.9	546.4	485.0	418.2	382.1
15°	1138.3	1107.6	1063.5	971.3	876.4	797.6	717.5	627.9	565.1	477.0	422.2
12.5°	1790.3	1706.1	1577.9	1362.8	1150.3	967.3	837.7	722.8	621.3	539.8	462.3
10°	3030.1	2849.8	2495.7	1907.9	1516.4	1179.7	947.2	793.6	665.3	581.2	495.7
7.5°	7663.5	6251.3	4423.6	3020.8	1984.0	1441.6	1083.5	860.4	712.1	607.9	522.4
5°	29868.4	24604.4	13125.2	5477.7	2984.7	1743.5	1206.4	913.8	742.8	627.9	542.4
2.5°	94793.1	81860.3	42948.2	11791.9	3664.7	1964.0	1290.6	947.2	760.2	642.6	557.1
0°	136160.8	116694.8	60275.3	15508.7	3974.7	2020.1	1317.3	953.9	762.9	645.3	557.1
-2.5°	124564.0	109017.9	58225.8	14431.9	4061.6	2036.1	1338.7	976.6	782.9	657.3	561.1
-5°	74015.1	64922.0	40616.8	10290.2	3608.6	1890.5	1282.6	956.6	769.6	650.6	558.5
-7.5°	19500.8	16882.2	11105.1	5369.5	2335.4	1599.2	1178.4	923.2	752.2	638.6	547.8
-10°	4701.5	4455.7	3980.1	2439.6	1818.3	1336.0	1044.8	863.1	717.5	622.6	530.4
-12.5°	2267.3	2213.8	2009.4	1656.7	1349.4	1110.2	945.9	800.3	685.4	594.5	506.4
-15°	1475.0	1444.3	1374.8	1239.8	1083.5	968.6	853.7	736.2	645.3	553.1	486.3
-17.5°	1091.5	1090.2	1055.5	1004.7	927.2	841.7	757.5	682.7	594.5	515.7	464.9
-20°	904.5	904.5	884.5	851.1	796.3	740.2	684.1	614.6	542.4	483.6	462.3

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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°	768.2	769.6	758.9	737.5	708.1	661.3	606.6	550.4	498.3	477.0	470.3
-25°	680.0	677.4	665.3	645.3	614.6	577.2	541.1	503.7	489.0	483.6	493.0
-27.5°	575.8	579.8	574.5	565.1	545.1	518.4	510.4	499.7	502.3	510.4	546.4
-30°	514.4	518.4	523.7	527.7	521.1	514.4	517.0	525.1	542.4	573.2	586.5
-32.5°	514.4	515.7	523.7	531.7	535.8	541.1	555.8	582.5	607.9	599.9	597.2
-35°	561.1	557.1	567.8	578.5	593.2	611.9	627.9	622.6	613.2	610.6	613.2
-37.5°	694.7	669.4	658.7	652.0	648.0	645.3	641.3	637.3	633.3	630.6	634.6
-40°	693.4	686.7	680.0	674.7	670.7	665.3	662.7	661.3	657.3	654.7	652.0
-42.5°	690.7	693.4	693.4	692.1	693.4	692.1	688.1	682.7	676.0	670.7	665.3
-45°	710.8	712.1	714.8	717.5	721.5	716.1	708.1	698.7	689.4	681.4	674.7
-47.5°	722.8	724.1	726.8	730.8	733.5	728.1	717.5	705.4	690.7	677.4	664.0
-50°	726.8	730.8	732.1	732.1	730.8	724.1	708.1	690.7	674.7	661.3	649.3
-52.5°	708.1	712.1	713.4	710.8	709.4	702.8	688.1	672.0	654.7	645.3	634.6
-55°	677.4	682.7	686.7	686.7	686.7	685.4	672.0	657.3	644.0	633.3	622.6
-57.5°	665.3	674.7	682.7	684.1	685.4	686.7	677.4	662.7	646.6	630.6	617.2
-60°	709.4	717.5	721.5	716.1	712.1	708.1	693.4	676.0	660.0	644.0	618.6
-62.5°	697.4	710.8	717.5	713.4	708.1	701.4	685.4	665.3	646.6	629.3	603.9
-65°	658.7	670.7	678.7	672.0	664.0	654.7	640.0	621.3	603.9	586.5	563.8
-67.5°	593.2	610.6	623.9	609.2	598.5	586.5	574.5	558.5	541.1	521.1	499.7
-70°	490.3	503.7	515.7	511.7	509.0	506.4	498.3	482.3	467.6	451.6	432.9
-72.5°	394.1	406.2	416.8	410.2	404.8	396.8	384.8	367.4	350.0	332.7	315.3
-75°	217.8	221.8	225.8	224.5	224.5	224.5	224.5	225.8	223.1	219.1	211.1
-77.5°	167.0	172.3	176.4	179.0	183.0	188.4	192.4	185.7	179.0	172.3	164.3
-80°	130.9	136.3	140.3	155.0	165.7	177.7	185.7	176.4	167.0	159.0	152.3
-82.5°	98.9	102.9	106.9	114.9	120.2	126.9	132.3	132.3	130.9	129.6	125.6
-85°	72.1	77.5	82.8	85.5	89.5	89.5	90.9	85.5	80.2	76.2	70.8
-87.5°	41.4	42.8	42.8	42.8	44.1	44.1	44.1	41.4	40.1	37.4	36.1
-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°	1.3	1.3	1.3	2.7	2.7	4.0	4.0	5.3	5.3	6.7	6.7
85°	8.0	8.0	8.0	9.4	9.4	10.7	12.0	13.4	14.7	14.7	16.0
82.5°	13.4	14.7	16.0	17.4	18.7	20.0	21.4	22.7	26.7	29.4	30.7
80°	13.4	14.7	18.7	21.4	24.0	26.7	26.7	26.7	26.7	28.1	30.7
77.5°	9.4	10.7	12.0	14.7	21.4	26.7	30.7	33.4	30.7	29.4	26.7
75°	5.3	6.7	8.0	9.4	13.4	18.7	25.4	32.1	37.4	36.1	33.4
72.5°	5.3	5.3	6.7	8.0	9.4	10.7	12.0	18.7	26.7	33.4	37.4
70°	5.3	6.7	6.7	8.0	9.4	10.7	12.0	14.7	18.7	26.7	34.7
67.5°	5.3	6.7	6.7	9.4	12.0	13.4	14.7	13.4	12.0	17.4	25.4
65°	5.3	5.3	6.7	8.0	9.4	10.7	14.7	14.7	13.4	13.4	13.4
62.5°	8.0	8.0	8.0	8.0	9.4	9.4	9.4	12.0	12.0	12.0	12.0
60°	16.0	14.7	14.7	14.7	14.7	12.0	12.0	12.0	10.7	12.0	10.7
57.5°	38.7	32.1	29.4	29.4	25.4	24.0	20.0	14.7	14.7	12.0	12.0
55°	78.8	74.8	62.8	52.1	46.8	41.4	32.1	26.7	20.0	16.0	14.7
52.5°	121.6	110.9	100.2	86.8	73.5	62.8	53.4	41.4	33.4	24.0	18.7
50°	159.0	149.6	137.6	122.9	105.5	92.2	78.8	62.8	49.4	37.4	26.7
47.5°	216.4	197.7	183.0	165.7	145.6	126.9	109.6	90.9	69.5	54.8	41.4
45°	277.9	251.2	231.1	215.1	188.4	163.0	143.0	122.9	97.5	72.1	56.1
42.5°	320.6	300.6	273.9	252.5	228.5	201.7	175.0	153.6	126.9	97.5	72.1
40°	343.4	330.0	308.6	289.9	264.5	235.1	207.1	185.7	157.7	125.6	90.9
37.5°	360.7	354.0	343.4	328.7	304.6	269.9	241.8	216.4	192.4	155.0	117.6
35°	380.8	379.4	372.8	366.1	346.0	312.6	279.2	249.8	220.4	185.7	144.3
32.5°	399.5	398.1	394.1	391.5	383.4	354.0	318.0	284.6	251.2	215.1	169.7
30°	408.8	406.2	406.2	408.8	400.8	382.1	355.4	319.3	281.9	239.2	196.4
27.5°	408.8	406.2	407.5	411.5	410.2	400.8	380.8	351.4	310.0	261.9	220.4
25°	391.5	404.8	404.8	410.2	411.5	408.8	398.1	379.4	336.7	285.9	239.2
22.5°	367.4	399.5	411.5	410.2	411.5	418.2	419.5	402.1	362.1	310.0	257.9
20°	367.4	390.1	424.9	415.5	418.2	432.9	439.6	424.9	388.8	332.7	276.6
17.5°	375.4	390.1	419.5	434.2	438.2	450.2	460.9	451.6	412.8	356.7	301.9
15°	398.1	395.5	415.5	451.6	458.3	467.6	479.6	468.9	434.2	383.4	326.0
12.5°	414.2	399.5	415.5	454.3	475.6	485.0	489.0	481.0	452.9	407.5	350.0
10°	435.5	410.2	418.2	451.6	482.3	489.0	493.0	490.3	470.3	427.5	371.4
7.5°	451.6	415.5	415.5	447.6	489.0	494.3	497.0	499.7	485.0	444.9	390.1
5°	458.3	415.5	412.8	443.6	495.7	501.0	501.0	505.0	495.7	458.3	403.5
2.5°	459.6	414.2	410.2	440.9	507.7	507.7	505.0	509.0	503.7	466.3	412.8
0°	466.3	412.8	408.8	444.9	521.1	515.7	509.0	510.4	507.7	470.3	418.2
-2.5°	466.3	419.5	414.2	447.6	519.7	518.4	515.7	517.0	514.4	482.3	428.9
-5°	473.0	428.9	423.5	459.6	518.4	522.4	523.7	523.7	519.7	490.3	435.5
-7.5°	474.3	435.5	434.2	471.6	521.1	527.7	531.7	534.4	526.4	495.7	440.9
-10°	467.6	438.2	444.9	486.3	523.7	533.1	541.1	545.1	531.7	498.3	443.6
-12.5°	452.9	438.2	455.6	505.0	530.4	541.1	553.1	554.5	537.1	499.7	444.9
-15°	451.6	448.9	474.3	523.7	534.4	547.8	566.5	562.5	541.1	499.7	444.9
-17.5°	450.2	463.6	502.3	530.4	541.1	555.8	570.5	566.5	543.8	499.7	442.2
-20°	462.3	487.7	535.8	537.1	549.1	565.1	573.2	565.1	539.8	495.7	438.2

REPORT NUMBER: P723841

CATALOG NUMBER: IFLD-S-SA3A-830-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°	482.3	530.4	546.4	551.8	562.5	574.5	578.5	566.5	535.8	489.0	431.5
-25°	533.1	557.1	557.1	569.2	579.8	585.2	581.2	567.8	530.4	482.3	424.9
-27.5°	571.8	570.5	577.2	589.2	598.5	598.5	587.9	561.1	522.4	475.6	415.5
-30°	586.5	587.9	597.2	610.6	613.2	606.6	590.5	555.8	515.7	464.9	403.5
-32.5°	601.2	606.6	618.6	625.3	626.6	613.2	583.8	546.4	505.0	452.9	390.1
-35°	618.6	629.3	636.0	637.3	630.6	607.9	574.5	534.4	489.0	435.5	378.1
-37.5°	641.3	646.6	650.6	645.3	626.6	599.9	558.5	518.4	474.3	416.8	360.7
-40°	656.0	658.7	660.0	642.6	619.9	581.2	541.1	499.7	448.9	395.5	342.0
-42.5°	665.3	662.7	652.0	633.3	599.9	562.5	523.7	477.0	426.2	374.1	322.0
-45°	662.7	653.3	637.3	614.6	579.8	542.4	497.0	450.2	402.1	351.4	299.3
-47.5°	652.0	637.3	617.2	590.5	558.5	513.0	467.6	422.2	375.4	326.0	277.9
-50°	638.6	621.3	597.2	563.8	521.1	479.6	438.2	394.1	346.0	300.6	257.9
-52.5°	623.9	605.2	574.5	537.1	490.3	447.6	407.5	364.7	320.6	277.9	240.5
-55°	607.9	589.2	554.5	511.7	464.9	418.2	379.4	343.4	300.6	259.2	225.8
-57.5°	599.9	575.8	539.8	497.0	447.6	399.5	366.1	327.3	288.6	245.8	213.8
-60°	593.2	569.2	535.8	486.3	439.6	394.1	355.4	318.0	276.6	236.5	204.4
-62.5°	574.5	549.1	518.4	470.3	424.9	383.4	348.7	304.6	264.5	227.1	197.7
-65°	537.1	510.4	483.6	440.9	399.5	360.7	326.0	285.9	248.5	216.4	191.1
-67.5°	478.3	455.6	431.5	395.5	360.7	326.0	293.9	259.2	228.5	205.7	192.4
-70°	412.8	388.8	364.7	335.3	306.0	277.9	252.5	227.1	207.1	195.1	184.4
-72.5°	300.6	289.9	277.9	255.2	231.1	213.8	201.7	191.1	176.4	165.7	159.0
-75°	200.4	185.7	167.0	159.0	160.3	157.7	151.0	143.0	136.3	132.3	122.9
-77.5°	156.3	148.3	138.9	129.6	125.6	121.6	116.2	109.6	104.2	94.9	81.5
-80°	144.3	137.6	130.9	124.3	117.6	108.2	97.5	86.8	81.5	77.5	76.2
-82.5°	118.9	110.9	102.9	96.2	86.8	80.2	73.5	68.1	68.1	66.8	65.5
-85°	68.1	65.5	61.5	58.8	56.1	52.1	48.1	45.4	44.1	42.8	41.4
-87.5°	34.7	33.4	30.7	29.4	28.1	26.7	24.0	22.7	21.4	21.4	20.0
-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: P723841

CATALOG NUMBER: IFLD-S-SA3A-830-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°	6.7	6.7	5.3	5.3	5.3	4.0	2.7	2.7	1.3	1.3	0.0
85°	16.0	13.4	12.0	10.7	10.7	8.0	5.3	4.0	2.7	1.3	1.3
82.5°	30.7	26.7	22.7	20.0	16.0	12.0	9.4	6.7	4.0	2.7	1.3
80°	34.7	34.7	33.4	28.1	22.7	17.4	12.0	8.0	5.3	4.0	2.7
77.5°	26.7	29.4	29.4	29.4	28.1	21.4	14.7	9.4	5.3	4.0	2.7
75°	30.7	26.7	25.4	26.7	25.4	21.4	17.4	10.7	6.7	5.3	2.7
72.5°	37.4	32.1	28.1	26.7	24.0	20.0	16.0	12.0	6.7	5.3	4.0
70°	34.7	33.4	30.7	28.1	24.0	20.0	16.0	12.0	8.0	5.3	4.0
67.5°	30.7	30.7	30.7	28.1	24.0	18.7	14.7	10.7	8.0	5.3	4.0
65°	21.4	25.4	28.1	26.7	24.0	18.7	14.7	10.7	8.0	6.7	4.0
62.5°	13.4	17.4	22.7	25.4	22.7	18.7	13.4	10.7	8.0	6.7	4.0
60°	12.0	13.4	16.0	20.0	21.4	17.4	13.4	9.4	8.0	6.7	4.0
57.5°	12.0	12.0	13.4	16.0	17.4	16.0	12.0	8.0	8.0	6.7	5.3
55°	13.4	12.0	12.0	13.4	14.7	14.7	12.0	8.0	8.0	6.7	5.3
52.5°	16.0	13.4	12.0	12.0	12.0	13.4	10.7	8.0	8.0	6.7	5.3
50°	20.0	16.0	14.7	12.0	12.0	12.0	10.7	8.0	6.7	6.7	5.3
47.5°	26.7	21.4	16.0	14.7	12.0	10.7	9.4	8.0	6.7	6.7	5.3
45°	40.1	25.4	21.4	16.0	13.4	12.0	10.7	8.0	6.7	6.7	5.3
42.5°	54.8	37.4	26.7	18.7	14.7	12.0	10.7	9.4	6.7	6.7	5.3
40°	69.5	50.8	33.4	24.0	17.4	13.4	10.7	9.4	8.0	6.7	5.3
37.5°	85.5	62.8	44.1	30.7	20.0	14.7	12.0	9.4	8.0	6.7	5.3
35°	105.5	78.8	54.8	37.4	24.0	17.4	13.4	9.4	8.0	6.7	5.3
32.5°	128.3	93.5	65.5	45.4	30.7	21.4	14.7	10.7	8.0	6.7	5.3
30°	149.6	110.9	77.5	54.8	37.4	24.0	16.0	10.7	8.0	6.7	4.0
27.5°	171.0	128.3	92.2	64.1	45.4	28.1	17.4	12.0	8.0	6.7	5.3
25°	192.4	145.6	106.9	73.5	52.1	33.4	21.4	13.4	8.0	6.7	5.3
22.5°	211.1	163.0	120.2	84.2	60.1	38.7	24.0	14.7	9.4	6.7	5.3
20°	232.5	181.7	134.9	96.2	66.8	44.1	26.7	16.0	9.4	6.7	5.3
17.5°	252.5	200.4	149.6	106.9	74.8	49.4	30.7	17.4	10.7	6.7	5.3
15°	272.6	217.8	163.0	117.6	82.8	54.8	33.4	18.7	12.0	6.7	5.3
12.5°	291.3	233.8	175.0	126.9	89.5	60.1	36.1	20.0	13.4	6.7	5.3
10°	308.6	248.5	187.0	134.9	96.2	64.1	38.7	22.7	14.7	6.7	5.3
7.5°	326.0	260.5	196.4	143.0	104.2	69.5	41.4	24.0	16.0	8.0	5.3
5°	336.7	271.2	204.4	149.6	110.9	74.8	44.1	25.4	17.4	8.0	5.3
2.5°	346.0	279.2	209.8	156.3	117.6	78.8	44.1	26.7	18.7	8.0	5.3
0°	351.4	284.6	213.8	160.3	122.9	81.5	45.4	28.1	20.0	8.0	5.3
-2.5°	363.4	293.9	223.1	165.7	128.3	89.5	48.1	29.4	21.4	9.4	5.3
-5°	371.4	299.3	229.8	171.0	132.3	97.5	52.1	32.1	24.0	12.0	6.7
-7.5°	378.1	304.6	235.1	173.7	136.3	100.2	53.4	33.4	25.4	13.4	6.7
-10°	379.4	307.3	239.2	177.7	138.9	104.2	54.8	34.7	26.7	14.7	6.7
-12.5°	380.8	310.0	240.5	180.4	141.6	106.9	56.1	36.1	28.1	16.0	6.7
-15°	379.4	308.6	240.5	183.0	143.0	104.2	58.8	37.4	29.4	17.4	6.7
-17.5°	376.8	307.3	239.2	181.7	141.6	101.5	60.1	40.1	29.4	18.7	8.0
-20°	372.8	303.3	236.5	180.4	140.3	98.9	61.5	41.4	30.7	18.7	8.0

REPORT NUMBER: P723841

CATALOG NUMBER: IFLD-S-SA3A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	366.1	296.6	231.1	176.4	137.6	96.2	61.5	44.1	32.1	18.7	8.0
-25°	358.1	289.9	225.8	171.0	133.6	92.2	61.5	45.4	33.4	18.7	8.0
-27.5°	348.7	283.2	217.8	167.0	128.3	89.5	61.5	46.8	34.7	18.7	8.0
-30°	338.0	273.9	211.1	160.3	124.3	89.5	62.8	48.1	36.1	18.7	8.0
-32.5°	327.3	264.5	203.1	155.0	118.9	88.2	62.8	49.4	37.4	17.4	9.4
-35°	315.3	253.8	196.4	151.0	114.9	85.5	64.1	49.4	36.1	17.4	9.4
-37.5°	300.6	240.5	189.7	147.0	112.2	82.8	64.1	50.8	34.7	17.4	9.4
-40°	284.6	229.8	181.7	141.6	108.2	81.5	64.1	50.8	33.4	17.4	10.7
-42.5°	267.2	217.8	173.7	136.3	104.2	80.2	64.1	50.8	32.1	17.4	10.7
-45°	251.2	205.7	164.3	129.6	100.2	80.2	64.1	49.4	29.4	18.7	10.7
-47.5°	233.8	192.4	153.6	122.9	98.9	78.8	62.8	46.8	26.7	18.7	10.7
-50°	219.1	179.0	145.6	116.2	96.2	80.2	64.1	42.8	26.7	18.7	10.7
-52.5°	204.4	169.7	136.3	113.6	93.5	81.5	62.8	40.1	26.7	18.7	10.7
-55°	192.4	160.3	130.9	109.6	96.2	84.2	60.1	36.1	26.7	18.7	10.7
-57.5°	183.0	155.0	126.9	110.9	100.2	81.5	56.1	34.7	26.7	17.4	10.7
-60°	176.4	149.6	128.3	116.2	101.5	77.5	53.4	34.7	26.7	17.4	9.4
-62.5°	171.0	151.0	134.9	120.2	96.2	72.1	50.8	34.7	24.0	16.0	9.4
-65°	172.3	156.3	137.6	114.9	92.2	66.8	46.8	33.4	22.7	14.7	9.4
-67.5°	176.4	152.3	129.6	108.2	82.8	60.1	42.8	30.7	21.4	14.7	9.4
-70°	163.0	140.3	117.6	92.2	70.8	52.1	40.1	28.1	18.7	13.4	9.4
-72.5°	147.0	117.6	93.5	74.8	60.1	48.1	36.1	25.4	17.4	12.0	8.0
-75°	106.9	85.5	69.5	62.8	53.4	42.8	32.1	22.7	16.0	12.0	8.0
-77.5°	76.2	70.8	64.1	57.4	48.1	37.4	28.1	21.4	14.7	10.7	6.7
-80°	74.8	68.1	60.1	49.4	40.1	32.1	24.0	18.7	13.4	9.4	5.3
-82.5°	62.8	53.4	45.4	37.4	30.7	25.4	20.0	14.7	10.7	6.7	4.0
-85°	38.7	33.4	29.4	25.4	21.4	17.4	13.4	9.4	6.7	4.0	2.7
-87.5°	18.7	17.4	14.7	12.0	10.7	8.0	6.7	5.3	4.0	2.7	1.3
-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: P723841

CATALOG NUMBER: IFLD-S-SA3A-830-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°	1.3	0.0	0.0	0.0
80°	1.3	0.0	0.0	0.0
77.5°	1.3	0.0	0.0	0.0
75°	1.3	1.3	0.0	0.0
72.5°	1.3	1.3	0.0	0.0
70°	2.7	1.3	1.3	0.0
67.5°	2.7	1.3	1.3	0.0
65°	2.7	1.3	1.3	0.0
62.5°	2.7	1.3	1.3	0.0
60°	2.7	1.3	1.3	0.0
57.5°	2.7	1.3	1.3	0.0
55°	2.7	1.3	1.3	0.0
52.5°	2.7	1.3	1.3	0.0
50°	2.7	1.3	1.3	0.0
47.5°	2.7	2.7	1.3	0.0
45°	2.7	2.7	1.3	0.0
42.5°	2.7	2.7	1.3	0.0
40°	2.7	2.7	1.3	0.0
37.5°	2.7	2.7	1.3	0.0
35°	2.7	2.7	1.3	0.0
32.5°	4.0	2.7	1.3	0.0
30°	4.0	2.7	2.7	0.0
27.5°	4.0	2.7	2.7	0.0
25°	4.0	2.7	2.7	0.0
22.5°	4.0	2.7	2.7	0.0
20°	4.0	2.7	2.7	0.0
17.5°	4.0	2.7	2.7	0.0
15°	4.0	2.7	2.7	0.0
12.5°	4.0	2.7	2.7	0.0
10°	4.0	2.7	2.7	0.0
7.5°	4.0	2.7	2.7	0.0
5°	4.0	2.7	2.7	0.0
2.5°	4.0	2.7	2.7	0.0
0°	4.0	2.7	2.7	0.0
-2.5°	4.0	2.7	2.7	0.0
-5°	4.0	2.7	2.7	0.0
-7.5°	4.0	2.7	2.7	0.0
-10°	4.0	2.7	2.7	0.0
-12.5°	5.3	2.7	2.7	0.0
-15°	5.3	2.7	2.7	0.0
-17.5°	5.3	2.7	2.7	0.0
-20°	5.3	2.7	2.7	0.0

REPORT NUMBER: P723841

CATALOG NUMBER: IFLD-S-SA3A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.3	2.7	2.7	0.0
-25°	5.3	2.7	2.7	0.0
-27.5°	5.3	2.7	2.7	0.0
-30°	5.3	2.7	2.7	0.0
-32.5°	5.3	2.7	2.7	0.0
-35°	5.3	2.7	2.7	0.0
-37.5°	5.3	2.7	2.7	0.0
-40°	5.3	2.7	2.7	0.0
-42.5°	4.0	2.7	1.3	0.0
-45°	5.3	2.7	1.3	0.0
-47.5°	5.3	2.7	1.3	0.0
-50°	5.3	2.7	1.3	0.0
-52.5°	5.3	2.7	1.3	0.0
-55°	5.3	2.7	1.3	0.0
-57.5°	5.3	2.7	1.3	0.0
-60°	5.3	2.7	1.3	0.0
-62.5°	5.3	2.7	1.3	0.0
-65°	5.3	2.7	1.3	0.0
-67.5°	5.3	2.7	1.3	0.0
-70°	5.3	1.3	1.3	0.0
-72.5°	4.0	1.3	1.3	0.0
-75°	4.0	1.3	1.3	0.0
-77.5°	2.7	1.3	0.0	0.0
-80°	2.7	1.3	0.0	0.0
-82.5°	2.7	1.3	0.0	0.0
-85°	1.3	0.0	0.0	0.0
-87.5°	1.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)