

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: P723636

Luminaire Tested: **IFLD-S-SA2D-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723636
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6924.1 lumens	Max Intensity:	162898.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	2510.9 lumens	Field Lumens:	4002.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

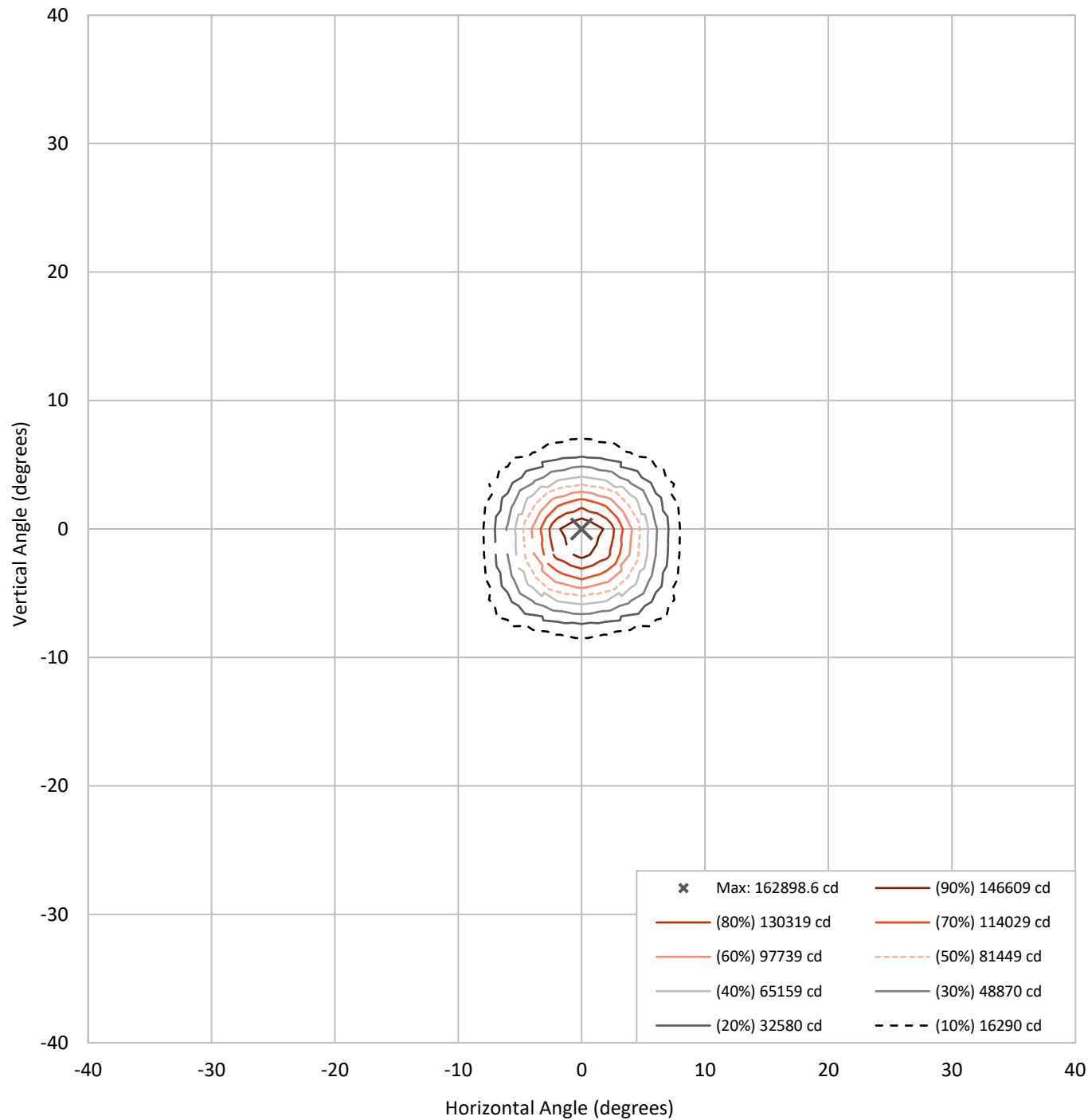
Input Watts (W): 123.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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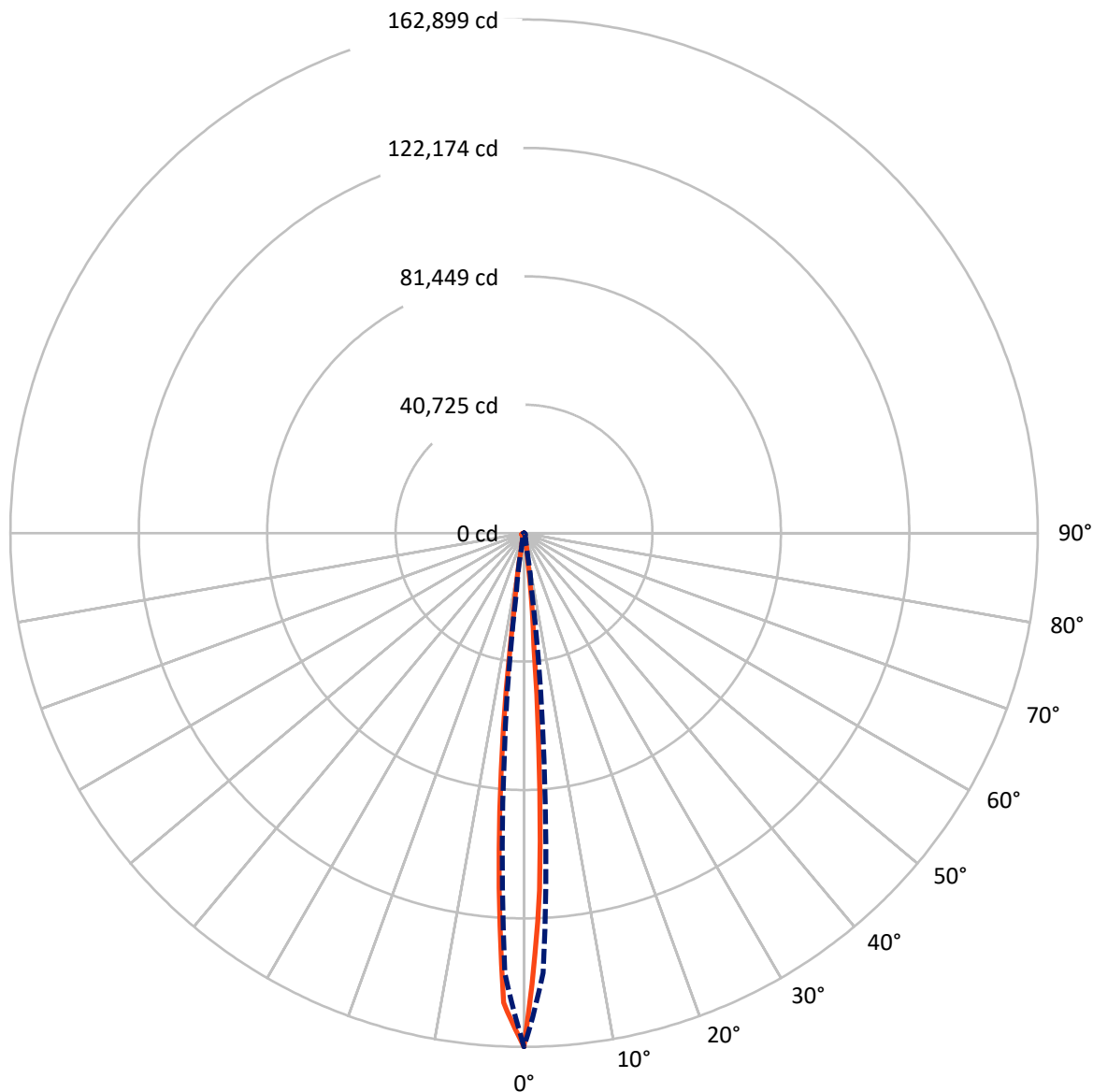
Lumen Table

Vertical Angle (degrees)		Horizontal Angle (degrees)																																					
90		-90		-80		-70		-60		-50		-40		-30		-20		-10		0		10		20		30		40		50		60		70		80		90	
80	0.1	1.5		1.7		0.6		0.2		0.6		1.7		1.5		0.1																							
70	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																							
60		0.2	0.3	0.8	1.8	2.9	3.7	4.3	4.3	3.7	2.9	1.8	0.8	0.3	0.2																								
50	0.2	0.2	0.9	3.2	6.2	9.1	10.9	12.1	12.1	10.9	9.1	6.2	3.2	0.9	0.2	0.2																							
40		0.5	2.4	6.5	10.5	12.4	13.4	13.8	13.8	13.4	12.4	10.5	6.5	2.4	0.5																								
30	0.3	0.9	4.1	9.4	12.2	12.6	14.8	17.9	17.9	14.8	12.6	12.2	9.4	4.1	0.9	0.3																							
20		1.4	5.8	11.6	13.0	14.7	25.8	43.9	43.9	25.8	14.7	13.0	11.6	5.8	1.4																								
10	0.5	1.8	7.1	12.7	13.5	18.1	49.0	909.0	909.0	49.0	18.1	13.5	12.7	7.1	1.8	0.5																							
0		2.1	7.7	13.4	14.0	18.7	52.8	1325.3	1325.3	52.8	18.7	14.0	13.4	7.7	2.1																								
-10	0.7	2.3	7.9	14.1	15.1	16.9	30.7	59.0	59.0	30.7	16.9	15.1	14.1	7.9	2.3	0.7																							
-20		2.1	7.5	14.3	17.0	17.0	19.9	24.3	24.3	19.9	17.0	17.0	14.3	7.5	2.1																								
-30	0.7	1.9	6.7	13.6	18.7	20.4	21.2	21.4	21.4	21.2	20.4	18.7	13.6	6.7	1.9	0.7																							
-40		1.7	5.4	11.6	18.0	21.9	24.6	25.8	25.8	24.6	21.9	18.0	11.6	5.4	1.7																								
-50	0.6	1.5	4.1	9.0	15.4	20.6	24.0	25.4	25.4	24.0	20.6	15.4	9.0	4.1	1.5	0.6																							
-60		1.4	3.6	7.3	12.8	18.0	21.8	23.6	23.6	21.8	18.0	12.8	7.3	3.6	1.4																								
-70	0.6	1.5	4.1	9.0	15.4	20.6	24.0	25.4	25.4	24.0	20.6	15.4	9.0	4.1	1.5	0.6																							
-80		1.4	3.6	7.3	12.8	18.0	21.8	23.6	23.6	21.8	18.0	12.8	7.3	3.6	1.4																								
-90	0.3	4.3		12.8		23.6		26.1		23.6		12.8		4.3		0.3																							

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Luminous Intensity Polar Plot



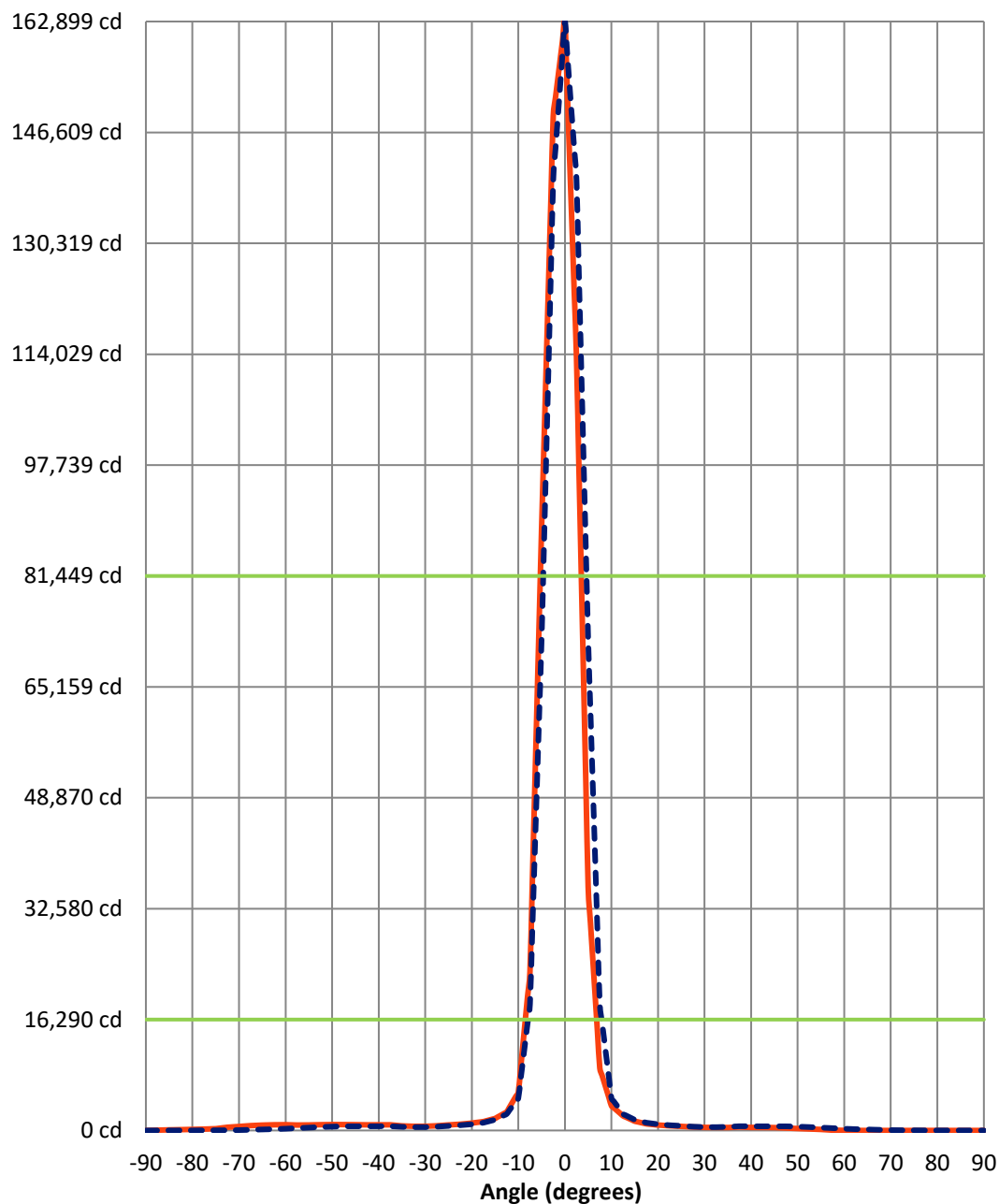
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



— 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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.0	1.6	1.6	3.2	3.2	3.2	4.8	6.4	8.0	8.0	9.6
82.5°	0.0	1.6	1.6	3.2	3.2	4.8	4.8	8.0	9.6	11.2	14.4
80°	1.6	1.6	1.6	3.2	3.2	4.8	4.8	6.4	8.0	11.2	12.8
77.5°	0.0	1.6	1.6	1.6	3.2	3.2	3.2	4.8	6.4	8.0	9.6
75°	0.0	1.6	1.6	1.6	3.2	3.2	3.2	3.2	4.8	4.8	6.4
72.5°	0.0	0.0	0.0	1.6	1.6	3.2	3.2	3.2	4.8	4.8	4.8
70°	0.0	0.0	0.0	1.6	1.6	3.2	3.2	3.2	4.8	4.8	4.8
67.5°	0.0	0.0	0.0	1.6	1.6	3.2	3.2	3.2	4.8	4.8	4.8
65°	0.0	0.0	0.0	1.6	1.6	3.2	3.2	4.8	4.8	4.8	4.8
62.5°	1.6	1.6	1.6	3.2	4.8	4.8	6.4	8.0	8.0	8.0	8.0
60°	16.0	17.6	19.2	19.2	17.6	17.6	19.2	19.2	19.2	19.2	19.2
57.5°	43.2	46.4	48.0	48.0	48.0	46.4	52.7	54.3	48.0	44.8	49.6
55°	150.2	155.0	151.8	147.1	137.5	126.3	123.1	121.5	123.1	115.1	102.3
52.5°	219.0	223.8	222.2	219.0	212.6	204.6	198.2	191.8	185.4	172.6	158.2
50°	284.5	286.1	284.5	281.3	274.9	266.9	254.1	239.8	227.0	223.8	211.0
47.5°	358.0	362.8	362.8	361.2	356.4	342.1	322.9	302.1	292.5	289.3	276.5
45°	423.6	426.8	428.4	430.0	428.4	414.0	396.4	385.2	364.4	358.0	358.0
42.5°	441.2	442.8	444.4	446.0	450.7	439.6	425.2	406.0	401.2	399.6	396.4
40°	447.5	444.4	446.0	447.5	449.1	441.2	430.0	418.8	415.6	412.4	412.4
37.5°	508.3	493.9	482.7	473.1	465.1	457.1	446.0	436.4	428.4	422.0	428.4
35°	433.2	433.2	444.4	453.9	463.5	473.1	474.7	463.5	446.0	438.0	449.1
32.5°	442.8	442.8	442.8	446.0	449.1	457.1	465.1	469.9	482.7	468.3	468.3
30°	452.3	453.9	457.1	458.7	453.9	450.7	447.5	447.5	455.5	476.3	487.5
27.5°	508.3	508.3	503.5	497.1	482.7	460.3	449.1	433.2	434.8	444.4	471.5
25°	599.4	596.2	585.0	569.0	543.5	511.5	481.1	447.5	433.2	428.4	439.6
22.5°	685.7	680.9	666.5	652.1	631.4	599.4	548.2	497.1	452.3	433.2	428.4
20°	796.0	784.8	768.8	746.4	712.9	680.9	636.2	569.0	503.5	453.9	434.8
17.5°	973.4	959.0	928.7	888.7	831.2	781.6	717.7	653.7	580.2	500.3	457.1
15°	1361.8	1325.1	1272.3	1162.0	1048.5	954.2	858.3	751.2	676.1	570.6	505.1
12.5°	2141.8	2041.1	1887.7	1630.4	1376.2	1157.2	1002.2	864.7	743.3	645.8	553.0
10°	3625.2	3409.4	2985.8	2282.5	1814.2	1411.4	1133.3	949.4	796.0	695.3	593.0
7.5°	9168.4	7478.9	5292.3	3614.0	2373.6	1724.7	1296.3	1029.4	851.9	727.3	625.0
5°	35733.7	29436.0	15702.6	6553.4	3570.8	2085.9	1443.3	1093.3	888.7	751.2	648.9
2.5°	113407.5	97935.1	51381.9	14107.4	4384.4	2349.6	1544.0	1133.3	909.5	768.8	666.5
0°	162898.6	139610.0	72111.5	18554.1	4755.2	2416.8	1576.0	1141.3	912.7	772.0	666.5
-2.5°	149024.5	130425.6	69659.5	17265.8	4859.1	2436.0	1601.6	1168.4	936.7	786.4	671.3
-5°	88549.3	77670.7	48592.7	12310.8	4317.3	2261.7	1534.5	1144.4	920.7	778.4	668.1
-7.5°	23330.1	20197.3	13285.8	6423.9	2794.0	1913.3	1409.8	1104.5	899.9	764.0	655.3
-10°	5624.7	5330.6	4761.6	2918.7	2175.4	1598.4	1249.9	1032.6	858.3	744.9	634.6
-12.5°	2712.5	2648.5	2404.0	1982.0	1614.4	1328.3	1131.7	957.4	820.0	711.3	605.8
-15°	1764.6	1727.9	1644.7	1483.3	1296.3	1158.8	1021.4	880.7	772.0	661.7	581.8
-17.5°	1305.9	1304.3	1262.7	1202.0	1109.3	1007.0	906.3	816.8	711.3	617.0	556.2
-20°	1082.1	1082.1	1058.1	1018.2	952.6	885.5	818.4	735.3	648.9	578.6	553.0

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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°	919.1	920.7	907.9	882.3	847.1	791.2	725.7	658.5	596.2	570.6	562.6
-25°	813.6	810.4	796.0	772.0	735.3	690.5	647.3	602.6	585.0	578.6	589.8
-27.5°	688.9	693.7	687.3	676.1	652.1	620.2	610.6	597.8	601.0	610.6	653.7
-30°	615.4	620.2	626.6	631.4	623.4	615.4	618.6	628.2	648.9	685.7	701.7
-32.5°	615.4	617.0	626.6	636.2	641.0	647.3	664.9	696.9	727.3	717.7	714.5
-35°	671.3	666.5	679.3	692.1	709.7	732.1	751.2	744.9	733.7	730.5	733.7
-37.5°	831.2	800.8	788.0	780.0	775.2	772.0	767.2	762.4	757.6	754.4	759.2
-40°	829.6	821.6	813.6	807.2	802.4	796.0	792.8	791.2	786.4	783.2	780.0
-42.5°	826.4	829.6	829.6	828.0	829.6	828.0	823.2	816.8	808.8	802.4	796.0
-45°	850.3	851.9	855.1	858.3	863.1	856.7	847.1	836.0	824.8	815.2	807.2
-47.5°	864.7	866.3	869.5	874.3	877.5	871.1	858.3	844.0	826.4	810.4	794.4
-50°	869.5	874.3	875.9	875.9	874.3	866.3	847.1	826.4	807.2	791.2	776.8
-52.5°	847.1	851.9	853.5	850.3	848.7	840.8	823.2	804.0	783.2	772.0	759.2
-55°	810.4	816.8	821.6	821.6	821.6	820.0	804.0	786.4	770.4	757.6	744.9
-57.5°	796.0	807.2	816.8	818.4	820.0	821.6	810.4	792.8	773.6	754.4	738.5
-60°	848.7	858.3	863.1	856.7	851.9	847.1	829.6	808.8	789.6	770.4	740.1
-62.5°	834.4	850.3	858.3	853.5	847.1	839.2	820.0	796.0	773.6	752.8	722.5
-65°	788.0	802.4	812.0	804.0	794.4	783.2	765.6	743.3	722.5	701.7	674.5
-67.5°	709.7	730.5	746.4	728.9	716.1	701.7	687.3	668.1	647.3	623.4	597.8
-70°	586.6	602.6	617.0	612.2	609.0	605.8	596.2	577.0	559.4	540.3	517.9
-72.5°	471.5	485.9	498.7	490.7	484.3	474.7	460.3	439.6	418.8	398.0	377.2
-75°	260.5	265.3	270.1	268.5	268.5	268.5	268.5	270.1	266.9	262.1	252.5
-77.5°	199.8	206.2	211.0	214.2	219.0	225.4	230.2	222.2	214.2	206.2	196.6
-80°	156.6	163.0	167.8	185.4	198.2	212.6	222.2	211.0	199.8	190.2	182.2
-82.5°	118.3	123.1	127.9	137.5	143.9	151.8	158.2	158.2	156.6	155.0	150.2
-85°	86.3	92.7	99.1	102.3	107.1	107.1	108.7	102.3	95.9	91.1	84.7
-87.5°	49.6	51.1	51.1	51.1	52.7	52.7	52.7	49.6	48.0	44.8	43.2
-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°	1.6	1.6	1.6	3.2	3.2	4.8	4.8	6.4	6.4	8.0	8.0
85°	9.6	9.6	9.6	11.2	11.2	12.8	14.4	16.0	17.6	17.6	19.2
82.5°	16.0	17.6	19.2	20.8	22.4	24.0	25.6	27.2	32.0	35.2	36.8
80°	16.0	17.6	22.4	25.6	28.8	32.0	32.0	32.0	32.0	33.6	36.8
77.5°	11.2	12.8	14.4	17.6	25.6	32.0	36.8	40.0	36.8	35.2	32.0
75°	6.4	8.0	9.6	11.2	16.0	22.4	30.4	38.4	44.8	43.2	40.0
72.5°	6.4	6.4	8.0	9.6	11.2	12.8	14.4	22.4	32.0	40.0	44.8
70°	6.4	8.0	8.0	9.6	11.2	12.8	14.4	17.6	22.4	32.0	41.6
67.5°	6.4	8.0	8.0	11.2	14.4	16.0	17.6	16.0	14.4	20.8	30.4
65°	6.4	6.4	8.0	9.6	11.2	12.8	17.6	17.6	16.0	16.0	16.0
62.5°	9.6	9.6	9.6	9.6	11.2	11.2	11.2	14.4	14.4	14.4	14.4
60°	19.2	17.6	17.6	17.6	17.6	14.4	14.4	14.4	12.8	14.4	12.8
57.5°	46.4	38.4	35.2	35.2	30.4	28.8	24.0	17.6	17.6	14.4	14.4
55°	94.3	89.5	75.1	62.3	55.9	49.6	38.4	32.0	24.0	19.2	17.6
52.5°	145.5	132.7	119.9	103.9	87.9	75.1	63.9	49.6	40.0	28.8	22.4
50°	190.2	179.0	164.6	147.1	126.3	110.3	94.3	75.1	59.1	44.8	32.0
47.5°	258.9	236.6	219.0	198.2	174.2	151.8	131.1	108.7	83.1	65.5	49.6
45°	332.5	300.5	276.5	257.3	225.4	195.0	171.0	147.1	116.7	86.3	67.1
42.5°	383.6	359.6	327.7	302.1	273.3	241.4	209.4	183.8	151.8	116.7	86.3
40°	410.8	394.8	369.2	346.9	316.5	281.3	247.8	222.2	188.6	150.2	108.7
37.5°	431.6	423.6	410.8	393.2	364.4	322.9	289.3	258.9	230.2	185.4	140.7
35°	455.5	453.9	446.0	438.0	414.0	374.0	334.1	298.9	263.7	222.2	172.6
32.5°	477.9	476.3	471.5	468.3	458.7	423.6	380.4	340.5	300.5	257.3	203.0
30°	489.1	485.9	485.9	489.1	479.5	457.1	425.2	382.0	337.3	286.1	235.0
27.5°	489.1	485.9	487.5	492.3	490.7	479.5	455.5	420.4	370.8	313.3	263.7
25°	468.3	484.3	484.3	490.7	492.3	489.1	476.3	453.9	402.8	342.1	286.1
22.5°	439.6	477.9	492.3	490.7	492.3	500.3	501.9	481.1	433.2	370.8	308.5
20°	439.6	466.7	508.3	497.1	500.3	517.9	525.9	508.3	465.1	398.0	330.9
17.5°	449.1	466.7	501.9	519.5	524.3	538.7	551.4	540.3	493.9	426.8	361.2
15°	476.3	473.1	497.1	540.3	548.2	559.4	573.8	561.0	519.5	458.7	390.0
12.5°	495.5	477.9	497.1	543.5	569.0	580.2	585.0	575.4	541.9	487.5	418.8
10°	521.1	490.7	500.3	540.3	577.0	585.0	589.8	586.6	562.6	511.5	444.4
7.5°	540.3	497.1	497.1	535.5	585.0	591.4	594.6	597.8	580.2	532.3	466.7
5°	548.2	497.1	493.9	530.7	593.0	599.4	599.4	604.2	593.0	548.2	482.7
2.5°	549.8	495.5	490.7	527.5	607.4	607.4	604.2	609.0	602.6	557.8	493.9
0°	557.8	493.9	489.1	532.3	623.4	617.0	609.0	610.6	607.4	562.6	500.3
-2.5°	557.8	501.9	495.5	535.5	621.8	620.2	617.0	618.6	615.4	577.0	513.1
-5°	565.8	513.1	506.7	549.8	620.2	625.0	626.6	626.6	621.8	586.6	521.1
-7.5°	567.4	521.1	519.5	564.2	623.4	631.4	636.2	639.4	629.8	593.0	527.5
-10°	559.4	524.3	532.3	581.8	626.6	637.8	647.3	652.1	636.2	596.2	530.7
-12.5°	541.9	524.3	545.1	604.2	634.6	647.3	661.7	663.3	642.6	597.8	532.3
-15°	540.3	537.1	567.4	626.6	639.4	655.3	677.7	672.9	647.3	597.8	532.3
-17.5°	538.7	554.6	601.0	634.6	647.3	664.9	682.5	677.7	650.5	597.8	529.1
-20°	553.0	583.4	641.0	642.6	656.9	676.1	685.7	676.1	645.8	593.0	524.3

REPORT NUMBER: P723636

CATALOG NUMBER: IFLD-S-SA2D-727-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°	577.0	634.6	653.7	660.1	672.9	687.3	692.1	677.7	641.0	585.0	516.3
-25°	637.8	666.5	666.5	680.9	693.7	700.1	695.3	679.3	634.6	577.0	508.3
-27.5°	684.1	682.5	690.5	704.9	716.1	716.1	703.3	671.3	625.0	569.0	497.1
-30°	701.7	703.3	714.5	730.5	733.7	725.7	706.5	664.9	617.0	556.2	482.7
-32.5°	719.3	725.7	740.1	748.0	749.6	733.7	698.5	653.7	604.2	541.9	466.7
-35°	740.1	752.8	760.8	762.4	754.4	727.3	687.3	639.4	585.0	521.1	452.3
-37.5°	767.2	773.6	778.4	772.0	749.6	717.7	668.1	620.2	567.4	498.7	431.6
-40°	784.8	788.0	789.6	768.8	741.7	695.3	647.3	597.8	537.1	473.1	409.2
-42.5°	796.0	792.8	780.0	757.6	717.7	672.9	626.6	570.6	509.9	447.5	385.2
-45°	792.8	781.6	762.4	735.3	693.7	648.9	594.6	538.7	481.1	420.4	358.0
-47.5°	780.0	762.4	738.5	706.5	668.1	613.8	559.4	505.1	449.1	390.0	332.5
-50°	764.0	743.3	714.5	674.5	623.4	573.8	524.3	471.5	414.0	359.6	308.5
-52.5°	746.4	724.1	687.3	642.6	586.6	535.5	487.5	436.4	383.6	332.5	287.7
-55°	727.3	704.9	663.3	612.2	556.2	500.3	453.9	410.8	359.6	310.1	270.1
-57.5°	717.7	688.9	645.8	594.6	535.5	477.9	438.0	391.6	345.3	294.1	255.7
-60°	709.7	680.9	641.0	581.8	525.9	471.5	425.2	380.4	330.9	282.9	244.6
-62.5°	687.3	656.9	620.2	562.6	508.3	458.7	417.2	364.4	316.5	271.7	236.6
-65°	642.6	610.6	578.6	527.5	477.9	431.6	390.0	342.1	297.3	258.9	228.6
-67.5°	572.2	545.1	516.3	473.1	431.6	390.0	351.6	310.1	273.3	246.2	230.2
-70°	493.9	465.1	436.4	401.2	366.0	332.5	302.1	271.7	247.8	233.4	220.6
-72.5°	359.6	346.9	332.5	305.3	276.5	255.7	241.4	228.6	211.0	198.2	190.2
-75°	239.8	222.2	199.8	190.2	191.8	188.6	180.6	171.0	163.0	158.2	147.1
-77.5°	187.0	177.4	166.2	155.0	150.2	145.5	139.1	131.1	124.7	113.5	97.5
-80°	172.6	164.6	156.6	148.7	140.7	129.5	116.7	103.9	97.5	92.7	91.1
-82.5°	142.3	132.7	123.1	115.1	103.9	95.9	87.9	81.5	81.5	79.9	78.3
-85°	81.5	78.3	73.5	70.3	67.1	62.3	57.5	54.3	52.7	51.1	49.6
-87.5°	41.6	40.0	36.8	35.2	33.6	32.0	28.8	27.2	25.6	25.6	24.0
-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: P723636

CATALOG NUMBER: IFLD-S-SA2D-727-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°	8.0	8.0	6.4	6.4	6.4	4.8	3.2	3.2	1.6	1.6	0.0
85°	19.2	16.0	14.4	12.8	12.8	9.6	6.4	4.8	3.2	1.6	1.6
82.5°	36.8	32.0	27.2	24.0	19.2	14.4	11.2	8.0	4.8	3.2	1.6
80°	41.6	41.6	40.0	33.6	27.2	20.8	14.4	9.6	6.4	4.8	3.2
77.5°	32.0	35.2	35.2	35.2	33.6	25.6	17.6	11.2	6.4	4.8	3.2
75°	36.8	32.0	30.4	32.0	30.4	25.6	20.8	12.8	8.0	6.4	3.2
72.5°	44.8	38.4	33.6	32.0	28.8	24.0	19.2	14.4	8.0	6.4	4.8
70°	41.6	40.0	36.8	33.6	28.8	24.0	19.2	14.4	9.6	6.4	4.8
67.5°	36.8	36.8	36.8	33.6	28.8	22.4	17.6	12.8	9.6	6.4	4.8
65°	25.6	30.4	33.6	32.0	28.8	22.4	17.6	12.8	9.6	8.0	4.8
62.5°	16.0	20.8	27.2	30.4	27.2	22.4	16.0	12.8	9.6	8.0	4.8
60°	14.4	16.0	19.2	24.0	25.6	20.8	16.0	11.2	9.6	8.0	4.8
57.5°	14.4	14.4	16.0	19.2	20.8	19.2	14.4	9.6	9.6	8.0	6.4
55°	16.0	14.4	14.4	16.0	17.6	17.6	14.4	9.6	9.6	8.0	6.4
52.5°	19.2	16.0	14.4	14.4	14.4	16.0	12.8	9.6	9.6	8.0	6.4
50°	24.0	19.2	17.6	14.4	14.4	14.4	12.8	9.6	8.0	8.0	6.4
47.5°	32.0	25.6	19.2	17.6	14.4	12.8	11.2	9.6	8.0	8.0	6.4
45°	48.0	30.4	25.6	19.2	16.0	14.4	12.8	9.6	8.0	8.0	6.4
42.5°	65.5	44.8	32.0	22.4	17.6	14.4	12.8	11.2	8.0	8.0	6.4
40°	83.1	60.7	40.0	28.8	20.8	16.0	12.8	11.2	9.6	8.0	6.4
37.5°	102.3	75.1	52.7	36.8	24.0	17.6	14.4	11.2	9.6	8.0	6.4
35°	126.3	94.3	65.5	44.8	28.8	20.8	16.0	11.2	9.6	8.0	6.4
32.5°	153.4	111.9	78.3	54.3	36.8	25.6	17.6	12.8	9.6	8.0	6.4
30°	179.0	132.7	92.7	65.5	44.8	28.8	19.2	12.8	9.6	8.0	4.8
27.5°	204.6	153.4	110.3	76.7	54.3	33.6	20.8	14.4	9.6	8.0	6.4
25°	230.2	174.2	127.9	87.9	62.3	40.0	25.6	16.0	9.6	8.0	6.4
22.5°	252.5	195.0	143.9	100.7	71.9	46.4	28.8	17.6	11.2	8.0	6.4
20°	278.1	217.4	161.4	115.1	79.9	52.7	32.0	19.2	11.2	8.0	6.4
17.5°	302.1	239.8	179.0	127.9	89.5	59.1	36.8	20.8	12.8	8.0	6.4
15°	326.1	260.5	195.0	140.7	99.1	65.5	40.0	22.4	14.4	8.0	6.4
12.5°	348.4	279.7	209.4	151.8	107.1	71.9	43.2	24.0	16.0	8.0	6.4
10°	369.2	297.3	223.8	161.4	115.1	76.7	46.4	27.2	17.6	8.0	6.4
7.5°	390.0	311.7	235.0	171.0	124.7	83.1	49.6	28.8	19.2	9.6	6.4
5°	402.8	324.5	244.6	179.0	132.7	89.5	52.7	30.4	20.8	9.6	6.4
2.5°	414.0	334.1	250.9	187.0	140.7	94.3	52.7	32.0	22.4	9.6	6.4
0°	420.4	340.5	255.7	191.8	147.1	97.5	54.3	33.6	24.0	9.6	6.4
-2.5°	434.8	351.6	266.9	198.2	153.4	107.1	57.5	35.2	25.6	11.2	6.4
-5°	444.4	358.0	274.9	204.6	158.2	116.7	62.3	38.4	28.8	14.4	8.0
-7.5°	452.3	364.4	281.3	207.8	163.0	119.9	63.9	40.0	30.4	16.0	8.0
-10°	453.9	367.6	286.1	212.6	166.2	124.7	65.5	41.6	32.0	17.6	8.0
-12.5°	455.5	370.8	287.7	215.8	169.4	127.9	67.1	43.2	33.6	19.2	8.0
-15°	453.9	369.2	287.7	219.0	171.0	124.7	70.3	44.8	35.2	20.8	8.0
-17.5°	450.7	367.6	286.1	217.4	169.4	121.5	71.9	48.0	35.2	22.4	9.6
-20°	446.0	362.8	282.9	215.8	167.8	118.3	73.5	49.6	36.8	22.4	9.6

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CATALOG NUMBER: IFLD-S-SA2D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	438.0	354.8	276.5	211.0	164.6	115.1	73.5	52.7	38.4	22.4	9.6
-25°	428.4	346.9	270.1	204.6	159.8	110.3	73.5	54.3	40.0	22.4	9.6
-27.5°	417.2	338.9	260.5	199.8	153.4	107.1	73.5	55.9	41.6	22.4	9.6
-30°	404.4	327.7	252.5	191.8	148.7	107.1	75.1	57.5	43.2	22.4	9.6
-32.5°	391.6	316.5	243.0	185.4	142.3	105.5	75.1	59.1	44.8	20.8	11.2
-35°	377.2	303.7	235.0	180.6	137.5	102.3	76.7	59.1	43.2	20.8	11.2
-37.5°	359.6	287.7	227.0	175.8	134.3	99.1	76.7	60.7	41.6	20.8	11.2
-40°	340.5	274.9	217.4	169.4	129.5	97.5	76.7	60.7	40.0	20.8	12.8
-42.5°	319.7	260.5	207.8	163.0	124.7	95.9	76.7	60.7	38.4	20.8	12.8
-45°	300.5	246.2	196.6	155.0	119.9	95.9	76.7	59.1	35.2	22.4	12.8
-47.5°	279.7	230.2	183.8	147.1	118.3	94.3	75.1	55.9	32.0	22.4	12.8
-50°	262.1	214.2	174.2	139.1	115.1	95.9	76.7	51.1	32.0	22.4	12.8
-52.5°	244.6	203.0	163.0	135.9	111.9	97.5	75.1	48.0	32.0	22.4	12.8
-55°	230.2	191.8	156.6	131.1	115.1	100.7	71.9	43.2	32.0	22.4	12.8
-57.5°	219.0	185.4	151.8	132.7	119.9	97.5	67.1	41.6	32.0	20.8	12.8
-60°	211.0	179.0	153.4	139.1	121.5	92.7	63.9	41.6	32.0	20.8	11.2
-62.5°	204.6	180.6	161.4	143.9	115.1	86.3	60.7	41.6	28.8	19.2	11.2
-65°	206.2	187.0	164.6	137.5	110.3	79.9	55.9	40.0	27.2	17.6	11.2
-67.5°	211.0	182.2	155.0	129.5	99.1	71.9	51.1	36.8	25.6	17.6	11.2
-70°	195.0	167.8	140.7	110.3	84.7	62.3	48.0	33.6	22.4	16.0	11.2
-72.5°	175.8	140.7	111.9	89.5	71.9	57.5	43.2	30.4	20.8	14.4	9.6
-75°	127.9	102.3	83.1	75.1	63.9	51.1	38.4	27.2	19.2	14.4	9.6
-77.5°	91.1	84.7	76.7	68.7	57.5	44.8	33.6	25.6	17.6	12.8	8.0
-80°	89.5	81.5	71.9	59.1	48.0	38.4	28.8	22.4	16.0	11.2	6.4
-82.5°	75.1	63.9	54.3	44.8	36.8	30.4	24.0	17.6	12.8	8.0	4.8
-85°	46.4	40.0	35.2	30.4	25.6	20.8	16.0	11.2	8.0	4.8	3.2
-87.5°	22.4	20.8	17.6	14.4	12.8	9.6	8.0	6.4	4.8	3.2	1.6
-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: P723636

CATALOG NUMBER: IFLD-S-SA2D-727-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°	1.6	0.0	0.0	0.0
80°	1.6	0.0	0.0	0.0
77.5°	1.6	0.0	0.0	0.0
75°	1.6	1.6	0.0	0.0
72.5°	1.6	1.6	0.0	0.0
70°	3.2	1.6	1.6	0.0
67.5°	3.2	1.6	1.6	0.0
65°	3.2	1.6	1.6	0.0
62.5°	3.2	1.6	1.6	0.0
60°	3.2	1.6	1.6	0.0
57.5°	3.2	1.6	1.6	0.0
55°	3.2	1.6	1.6	0.0
52.5°	3.2	1.6	1.6	0.0
50°	3.2	1.6	1.6	0.0
47.5°	3.2	3.2	1.6	0.0
45°	3.2	3.2	1.6	0.0
42.5°	3.2	3.2	1.6	0.0
40°	3.2	3.2	1.6	0.0
37.5°	3.2	3.2	1.6	0.0
35°	3.2	3.2	1.6	0.0
32.5°	4.8	3.2	1.6	0.0
30°	4.8	3.2	3.2	0.0
27.5°	4.8	3.2	3.2	0.0
25°	4.8	3.2	3.2	0.0
22.5°	4.8	3.2	3.2	0.0
20°	4.8	3.2	3.2	0.0
17.5°	4.8	3.2	3.2	0.0
15°	4.8	3.2	3.2	0.0
12.5°	4.8	3.2	3.2	0.0
10°	4.8	3.2	3.2	0.0
7.5°	4.8	3.2	3.2	0.0
5°	4.8	3.2	3.2	0.0
2.5°	4.8	3.2	3.2	0.0
0°	4.8	3.2	3.2	0.0
-2.5°	4.8	3.2	3.2	0.0
-5°	4.8	3.2	3.2	0.0
-7.5°	4.8	3.2	3.2	0.0
-10°	4.8	3.2	3.2	0.0
-12.5°	6.4	3.2	3.2	0.0
-15°	6.4	3.2	3.2	0.0
-17.5°	6.4	3.2	3.2	0.0
-20°	6.4	3.2	3.2	0.0

REPORT NUMBER: P723636

CATALOG NUMBER: IFLD-S-SA2D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.4	3.2	3.2	0.0
-25°	6.4	3.2	3.2	0.0
-27.5°	6.4	3.2	3.2	0.0
-30°	6.4	3.2	3.2	0.0
-32.5°	6.4	3.2	3.2	0.0
-35°	6.4	3.2	3.2	0.0
-37.5°	6.4	3.2	3.2	0.0
-40°	6.4	3.2	3.2	0.0
-42.5°	4.8	3.2	1.6	0.0
-45°	6.4	3.2	1.6	0.0
-47.5°	6.4	3.2	1.6	0.0
-50°	6.4	3.2	1.6	0.0
-52.5°	6.4	3.2	1.6	0.0
-55°	6.4	3.2	1.6	0.0
-57.5°	6.4	3.2	1.6	0.0
-60°	6.4	3.2	1.6	0.0
-62.5°	6.4	3.2	1.6	0.0
-65°	6.4	3.2	1.6	0.0
-67.5°	6.4	3.2	1.6	0.0
-70°	6.4	1.6	1.6	0.0
-72.5°	4.8	1.6	1.6	0.0
-75°	4.8	1.6	1.6	0.0
-77.5°	3.2	1.6	0.0	0.0
-80°	3.2	1.6	0.0	0.0
-82.5°	3.2	1.6	0.0	0.0
-85°	1.6	0.0	0.0	0.0
-87.5°	1.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)