

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: P723810

Luminaire Tested: **IFLD-S-SA2D-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723810
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-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6086.2 lumens	Max Intensity:	143186.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.1 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:	2207.1 lumens	Field Lumens:	3518.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

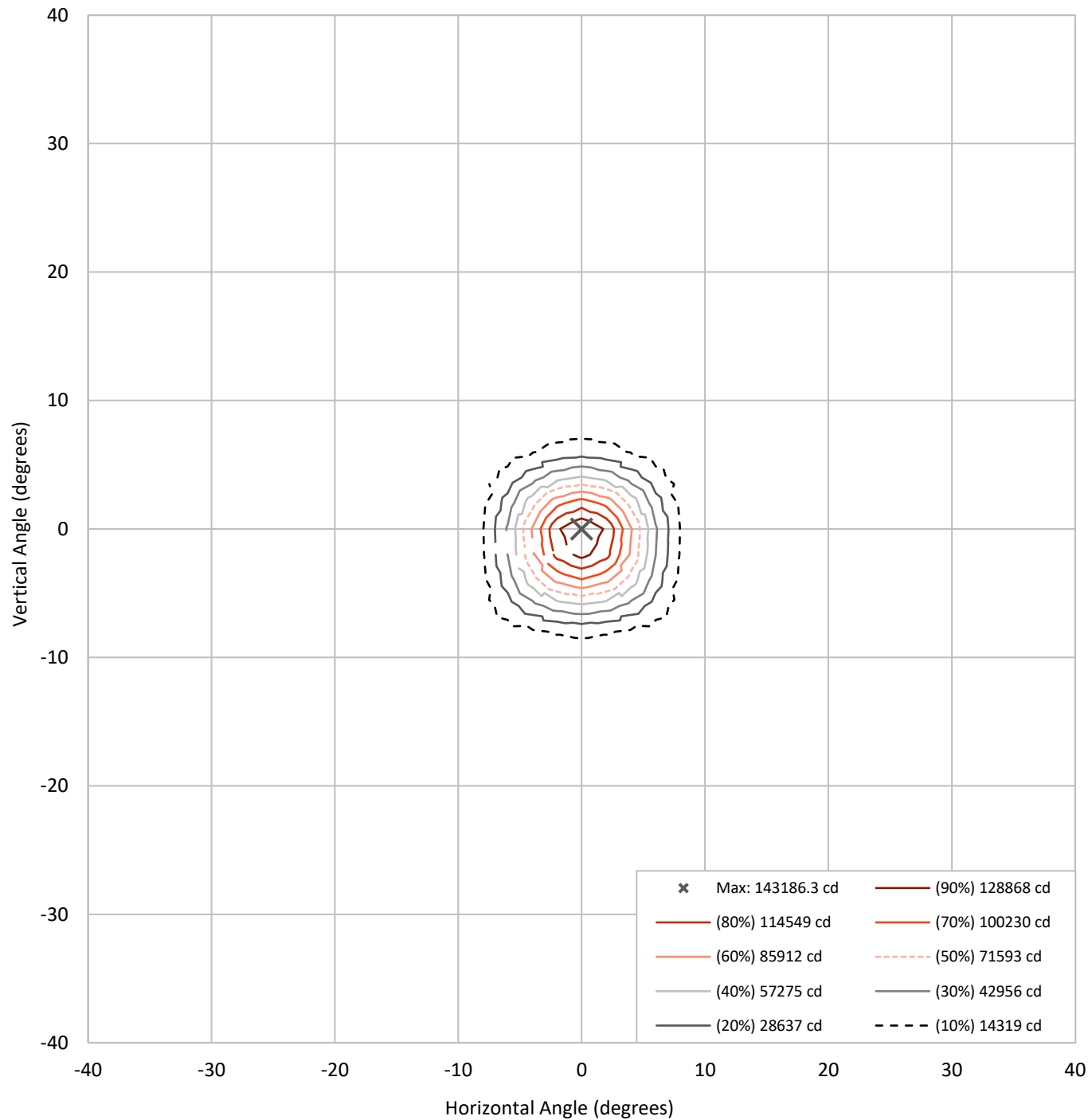
Input Watts (W): 123.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723810
CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

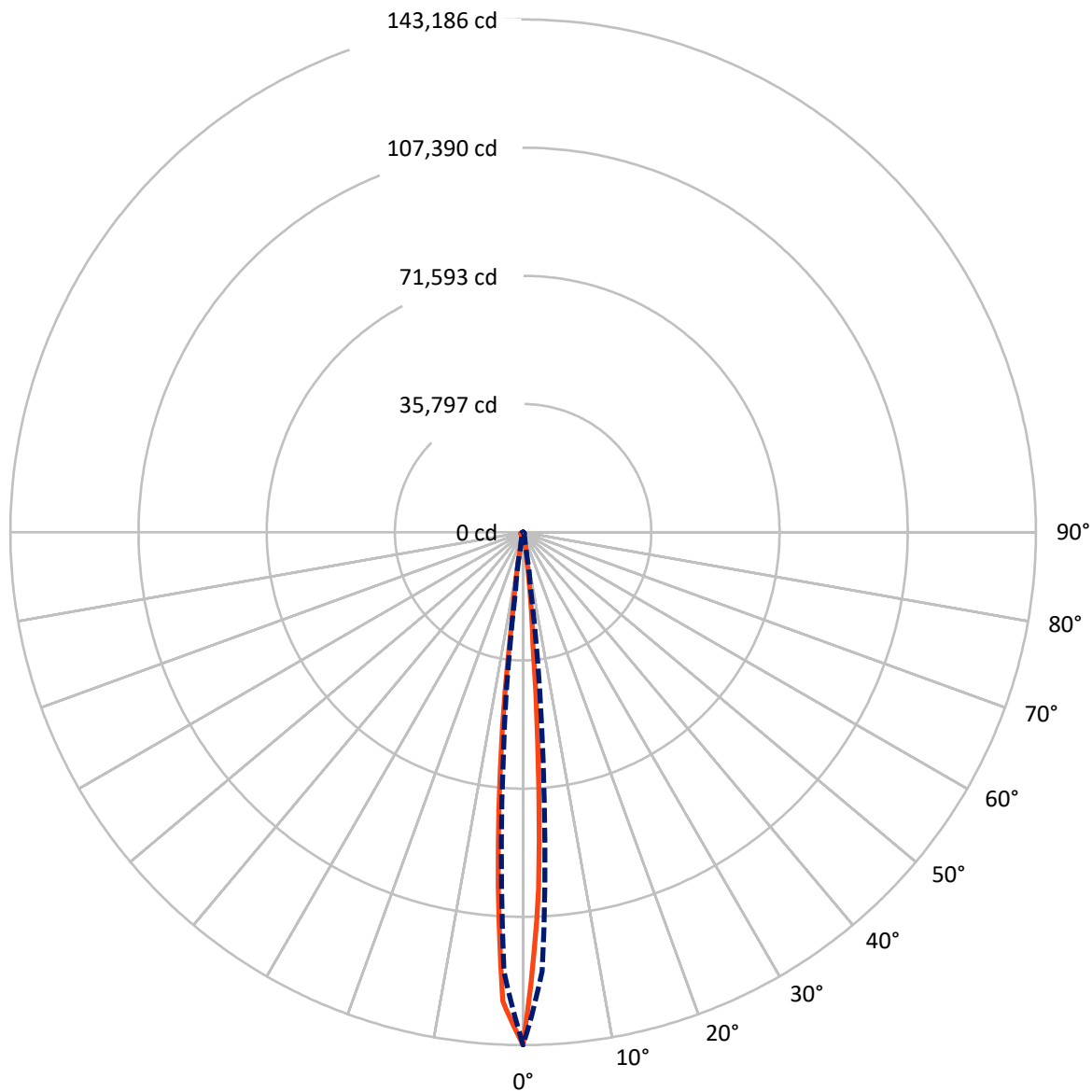
Lumen Table

90																
80	0.1	1.4		1.5		0.6		0.2		0.6		1.5		1.4		0.1
70																
60	0.2	0.3	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.3	0.2
50		0.2	0.3	0.7	1.6	2.6	3.3	3.8	3.8	3.3	2.6	1.6	0.7	0.3	0.2	
40	0.2	0.2	0.8	2.8	5.5	8.0	9.6	10.6	10.6	9.6	8.0	5.5	2.8	0.8	0.2	0.2
30		0.4	2.1	5.7	9.3	10.9	11.7	12.2	12.2	11.7	10.9	9.3	5.7	2.1	0.4	
20	0.2	0.8	3.6	8.3	10.7	11.0	13.0	15.7	15.7	13.0	11.0	10.7	8.3	3.6	0.8	0.2
10		1.2	5.1	10.2	11.4	12.9	22.7	38.6	38.6	22.7	12.9	11.4	10.2	5.1	1.2	
0	0.4	1.6	6.2	11.2	11.9	15.9	43.1	799.0	799.0	43.1	15.9	11.9	11.2	6.2	1.6	0.4
-10		1.9	6.8	11.7	12.3	16.5	46.4	1165.0	1165.0	46.4	16.5	12.3	11.7	6.8	1.9	
-20	0.6	2.0	7.0	12.4	13.3	14.8	27.0	51.8	51.8	27.0	14.8	13.3	12.4	7.0	2.0	0.6
-30		1.9	6.6	12.5	14.9	15.0	17.5	21.3	21.3	17.5	15.0	14.9	12.5	6.6	1.9	
-40	0.6	1.7	5.9	12.0	16.4	17.9	18.6	18.8	18.8	18.6	17.9	16.4	12.0	5.9	1.7	0.6
-50		1.5	4.7	10.2	15.8	19.3	21.6	22.6	22.6	21.6	19.3	15.8	10.2	4.7	1.5	
-60	0.5	1.3	3.6	7.9	13.5	18.1	21.1	22.3	22.3	21.1	18.1	13.5	7.9	3.6	1.3	0.5
-70		1.2	3.2	6.4	11.3	15.9	19.2	20.7	20.7	19.2	15.9	11.3	6.4	3.2	1.2	
-80	0.2	3.8		11.2		20.8		22.9		20.8		11.2		3.8		0.2
-90																
Horizontal Angle (degrees)																

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

Luminous Intensity Polar Plot



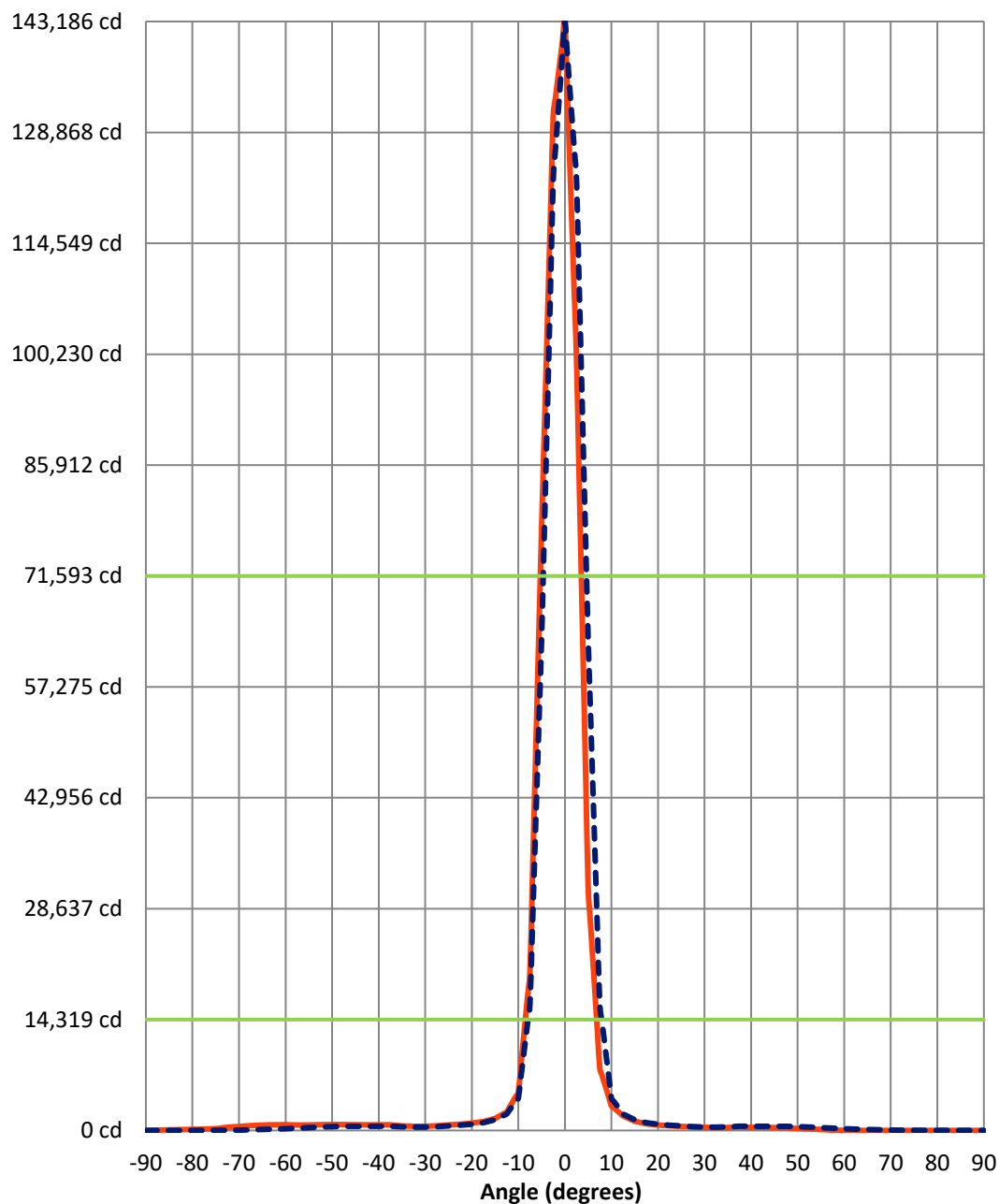
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2207.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3518.5

Efficiency: 57.8%

Spill:

Lumens: 2567.6

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

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	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	0.0	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	7.0	8.4
82.5°	0.0	1.4	1.4	2.8	2.8	4.2	4.2	7.0	8.4	9.8	12.6
80°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.6	7.0	9.8	11.2
77.5°	0.0	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	8.4
75°	0.0	1.4	1.4	1.4	2.8	2.8	2.8	2.8	4.2	4.2	5.6
72.5°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
70°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	4.2	4.2	4.2
65°	0.0	0.0	0.0	1.4	1.4	2.8	2.8	4.2	4.2	4.2	4.2
62.5°	1.4	1.4	1.4	2.8	4.2	4.2	5.6	7.0	7.0	7.0	7.0
60°	14.0	15.5	16.9	16.9	15.5	15.5	16.9	16.9	16.9	16.9	16.9
57.5°	37.9	40.7	42.1	42.1	42.1	40.7	46.4	47.8	42.1	39.3	43.6
55°	132.1	136.3	133.5	129.3	120.8	111.0	108.2	106.8	108.2	101.2	89.9
52.5°	192.5	196.7	195.3	192.5	186.9	179.8	174.2	168.6	163.0	151.7	139.1
50°	250.1	251.5	250.1	247.3	241.7	234.6	223.4	210.7	199.5	196.7	185.5
47.5°	314.7	318.9	318.9	317.5	313.3	300.7	283.8	265.5	257.1	254.3	243.1
45°	372.3	375.1	376.5	377.9	376.5	363.9	348.4	338.6	320.3	314.7	314.7
42.5°	387.8	389.2	390.6	392.0	396.2	386.4	373.7	356.9	352.6	351.2	348.4
40°	393.4	390.6	392.0	393.4	394.8	387.8	377.9	368.1	365.3	362.5	362.5
37.5°	446.8	434.1	424.3	415.9	408.8	401.8	392.0	383.6	376.5	370.9	376.5
35°	380.7	380.7	390.6	399.0	407.4	415.9	417.3	407.4	392.0	385.0	394.8
32.5°	389.2	389.2	389.2	392.0	394.8	401.8	408.8	413.1	424.3	411.7	411.7
30°	397.6	399.0	401.8	403.2	399.0	396.2	393.4	393.4	400.4	418.7	428.5
27.5°	446.8	446.8	442.6	436.9	424.3	404.6	394.8	380.7	382.2	390.6	414.5
25°	526.9	524.1	514.2	500.2	477.7	449.6	422.9	393.4	380.7	376.5	386.4
22.5°	602.7	598.5	585.9	573.2	555.0	526.9	481.9	436.9	397.6	380.7	376.5
20°	699.7	689.8	675.8	656.1	626.6	598.5	559.2	500.2	442.6	399.0	382.2
17.5°	855.6	843.0	816.3	781.2	730.6	687.0	630.8	574.6	510.0	439.8	401.8
15°	1197.0	1164.7	1118.4	1021.4	921.7	838.8	754.5	660.3	594.3	501.6	444.0
12.5°	1882.7	1794.1	1659.3	1433.1	1209.7	1017.2	880.9	760.1	653.3	567.6	486.1
10°	3186.5	2996.8	2624.5	2006.3	1594.6	1240.6	996.1	834.6	699.7	611.2	521.2
7.5°	8058.9	6573.9	4651.9	3176.6	2086.4	1516.0	1139.4	904.8	748.9	639.3	549.3
5°	31409.6	25874.0	13802.4	5760.4	3138.7	1833.5	1268.7	961.0	781.2	660.3	570.4
2.5°	99684.2	86084.1	45164.2	12400.3	3853.8	2065.3	1357.2	996.1	799.4	675.8	585.9
0°	143186.3	122715.9	63385.3	16308.9	4179.8	2124.3	1385.3	1003.2	802.2	678.6	585.9
-2.5°	130991.2	114642.9	61230.1	15176.5	4271.1	2141.2	1407.8	1027.0	823.3	691.2	590.1
-5°	77834.1	68271.8	42712.6	10821.1	3794.8	1988.0	1348.8	1006.0	809.3	684.2	587.3
-7.5°	20507.0	17753.2	11678.1	5646.6	2455.9	1681.8	1239.2	970.8	791.0	671.6	576.0
-10°	4944.1	4685.6	4185.4	2565.5	1912.2	1405.0	1098.7	907.6	754.5	654.7	557.8
-12.5°	2384.2	2328.0	2113.1	1742.2	1419.0	1167.5	994.7	841.6	720.8	625.2	532.5
-15°	1551.1	1518.8	1445.7	1303.8	1139.4	1018.6	897.8	774.1	678.6	581.7	511.4
-17.5°	1147.9	1146.5	1109.9	1056.5	975.1	885.1	796.6	717.9	625.2	542.3	488.9
-20°	951.2	951.2	930.1	895.0	837.4	778.4	719.3	646.3	570.4	508.6	486.1

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	807.9	809.3	798.0	775.5	744.6	695.5	637.9	578.8	524.1	501.6	494.6
-25°	715.1	712.3	699.7	678.6	646.3	606.9	569.0	529.7	514.2	508.6	518.4
-27.5°	605.5	609.8	604.1	594.3	573.2	545.1	536.7	525.5	528.3	536.7	574.6
-30°	540.9	545.1	550.7	555.0	547.9	540.9	543.7	552.2	570.4	602.7	616.8
-32.5°	540.9	542.3	550.7	559.2	563.4	569.0	584.5	612.6	639.3	630.8	628.0
-35°	590.1	585.9	597.1	608.4	623.8	643.5	660.3	654.7	644.9	642.1	644.9
-37.5°	730.6	703.9	692.7	685.6	681.4	678.6	674.4	670.2	666.0	663.1	667.4
-40°	729.2	722.2	715.1	709.5	705.3	699.7	696.9	695.5	691.2	688.4	685.6
-42.5°	726.4	729.2	729.2	727.8	729.2	727.8	723.6	717.9	710.9	705.3	699.7
-45°	747.4	748.9	751.7	754.5	758.7	753.1	744.6	734.8	725.0	716.5	709.5
-47.5°	760.1	761.5	764.3	768.5	771.3	765.7	754.5	741.8	726.4	712.3	698.3
-50°	764.3	768.5	769.9	769.9	768.5	761.5	744.6	726.4	709.5	695.5	682.8
-52.5°	744.6	748.9	750.3	747.4	746.0	739.0	723.6	706.7	688.4	678.6	667.4
-55°	712.3	717.9	722.2	722.2	722.2	720.8	706.7	691.2	677.2	666.0	654.7
-57.5°	699.7	709.5	717.9	719.3	720.8	722.2	712.3	696.9	680.0	663.1	649.1
-60°	746.0	754.5	758.7	753.1	748.9	744.6	729.2	710.9	694.1	677.2	650.5
-62.5°	733.4	747.4	754.5	750.3	744.6	737.6	720.8	699.7	680.0	661.7	635.0
-65°	692.7	705.3	713.7	706.7	698.3	688.4	673.0	653.3	635.0	616.8	592.9
-67.5°	623.8	642.1	656.1	640.7	629.4	616.8	604.1	587.3	569.0	547.9	525.5
-70°	515.6	529.7	542.3	538.1	535.3	532.5	524.1	507.2	491.7	474.9	455.2
-72.5°	414.5	427.1	438.4	431.3	425.7	417.3	404.6	386.4	368.1	349.8	331.6
-75°	229.0	233.2	237.4	236.0	236.0	236.0	236.0	237.4	234.6	230.4	222.0
-77.5°	175.6	181.2	185.5	188.3	192.5	198.1	202.3	195.3	188.3	181.2	172.8
-80°	137.7	143.3	147.5	163.0	174.2	186.9	195.3	185.5	175.6	167.2	160.2
-82.5°	104.0	108.2	112.4	120.8	126.4	133.5	139.1	139.1	137.7	136.3	132.1
-85°	75.9	81.5	87.1	89.9	94.1	94.1	95.5	89.9	84.3	80.1	74.5
-87.5°	43.6	45.0	45.0	45.0	46.4	46.4	46.4	43.6	42.1	39.3	37.9
-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: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

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°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.6	5.6	7.0	7.0
85°	8.4	8.4	8.4	9.8	9.8	11.2	12.6	14.0	15.5	15.5	16.9
82.5°	14.0	15.5	16.9	18.3	19.7	21.1	22.5	23.9	28.1	30.9	32.3
80°	14.0	15.5	19.7	22.5	25.3	28.1	28.1	28.1	28.1	29.5	32.3
77.5°	9.8	11.2	12.6	15.5	22.5	28.1	32.3	35.1	32.3	30.9	28.1
75°	5.6	7.0	8.4	9.8	14.0	19.7	26.7	33.7	39.3	37.9	35.1
72.5°	5.6	5.6	7.0	8.4	9.8	11.2	12.6	19.7	28.1	35.1	39.3
70°	5.6	7.0	7.0	8.4	9.8	11.2	12.6	15.5	19.7	28.1	36.5
67.5°	5.6	7.0	7.0	9.8	12.6	14.0	15.5	14.0	12.6	18.3	26.7
65°	5.6	5.6	7.0	8.4	9.8	11.2	15.5	15.5	14.0	14.0	14.0
62.5°	8.4	8.4	8.4	8.4	9.8	9.8	9.8	12.6	12.6	12.6	12.6
60°	16.9	15.5	15.5	15.5	15.5	12.6	12.6	12.6	11.2	12.6	11.2
57.5°	40.7	33.7	30.9	30.9	26.7	25.3	21.1	15.5	15.5	12.6	12.6
55°	82.9	78.7	66.0	54.8	49.2	43.6	33.7	28.1	21.1	16.9	15.5
52.5°	127.9	116.6	105.4	91.3	77.3	66.0	56.2	43.6	35.1	25.3	19.7
50°	167.2	157.4	144.7	129.3	111.0	96.9	82.9	66.0	52.0	39.3	28.1
47.5°	227.6	207.9	192.5	174.2	153.1	133.5	115.2	95.5	73.1	57.6	43.6
45°	292.2	264.1	243.1	226.2	198.1	171.4	150.3	129.3	102.6	75.9	59.0
42.5°	337.2	316.1	288.0	265.5	240.3	212.2	184.1	161.6	133.5	102.6	75.9
40°	361.1	347.0	324.5	304.9	278.2	247.3	217.8	195.3	165.8	132.1	95.5
37.5°	379.3	372.3	361.1	345.6	320.3	283.8	254.3	227.6	202.3	163.0	123.6
35°	400.4	399.0	392.0	385.0	363.9	328.8	293.6	262.7	231.8	195.3	151.7
32.5°	420.1	418.7	414.5	411.7	403.2	372.3	334.4	299.3	264.1	226.2	178.4
30°	429.9	427.1	427.1	429.9	421.5	401.8	373.7	335.8	296.4	251.5	206.5
27.5°	429.9	427.1	428.5	432.7	431.3	421.5	400.4	369.5	326.0	275.4	231.8
25°	411.7	425.7	425.7	431.3	432.7	429.9	418.7	399.0	354.1	300.7	251.5
22.5°	386.4	420.1	432.7	431.3	432.7	439.8	441.2	422.9	380.7	326.0	271.2
20°	386.4	410.3	446.8	436.9	439.8	455.2	462.2	446.8	408.8	349.8	290.8
17.5°	394.8	410.3	441.2	456.6	460.8	473.5	484.7	474.9	434.1	375.1	317.5
15°	418.7	415.9	436.9	474.9	481.9	491.7	504.4	493.1	456.6	403.2	342.8
12.5°	435.5	420.1	436.9	477.7	500.2	510.0	514.2	505.8	476.3	428.5	368.1
10°	458.0	431.3	439.8	474.9	507.2	514.2	518.4	515.6	494.6	449.6	390.6
7.5°	474.9	436.9	436.9	470.7	514.2	519.8	522.6	525.5	510.0	467.9	410.3
5°	481.9	436.9	434.1	466.5	521.2	526.9	526.9	531.1	521.2	481.9	424.3
2.5°	483.3	435.5	431.3	463.6	533.9	533.9	531.1	535.3	529.7	490.3	434.1
0°	490.3	434.1	429.9	467.9	547.9	542.3	535.3	536.7	533.9	494.6	439.8
-2.5°	490.3	441.2	435.5	470.7	546.5	545.1	542.3	543.7	540.9	507.2	451.0
-5°	497.4	451.0	445.4	483.3	545.1	549.3	550.7	550.7	546.5	515.6	458.0
-7.5°	498.8	458.0	456.6	496.0	547.9	555.0	559.2	562.0	553.6	521.2	463.6
-10°	491.7	460.8	467.9	511.4	550.7	560.6	569.0	573.2	559.2	524.1	466.5
-12.5°	476.3	460.8	479.1	531.1	557.8	569.0	581.7	583.1	564.8	525.5	467.9
-15°	474.9	472.1	498.8	550.7	562.0	576.0	595.7	591.5	569.0	525.5	467.9
-17.5°	473.5	487.5	528.3	557.8	569.0	584.5	599.9	595.7	571.8	525.5	465.0
-20°	486.1	512.8	563.4	564.8	577.4	594.3	602.7	594.3	567.6	521.2	460.8

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-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°	507.2	557.8	574.6	580.3	591.5	604.1	608.4	595.7	563.4	514.2	453.8
-25°	560.6	585.9	585.9	598.5	609.8	615.4	611.2	597.1	557.8	507.2	446.8
-27.5°	601.3	599.9	606.9	619.6	629.4	629.4	618.2	590.1	549.3	500.2	436.9
-30°	616.8	618.2	628.0	642.1	644.9	637.9	621.0	584.5	542.3	488.9	424.3
-32.5°	632.2	637.9	650.5	657.5	658.9	644.9	614.0	574.6	531.1	476.3	410.3
-35°	650.5	661.7	668.8	670.2	663.1	639.3	604.1	562.0	514.2	458.0	397.6
-37.5°	674.4	680.0	684.2	678.6	658.9	630.8	587.3	545.1	498.8	438.4	379.3
-40°	689.8	692.7	694.1	675.8	651.9	611.2	569.0	525.5	472.1	415.9	359.7
-42.5°	699.7	696.9	685.6	666.0	630.8	591.5	550.7	501.6	448.2	393.4	338.6
-45°	696.9	687.0	670.2	646.3	609.8	570.4	522.6	473.5	422.9	369.5	314.7
-47.5°	685.6	670.2	649.1	621.0	587.3	539.5	491.7	444.0	394.8	342.8	292.2
-50°	671.6	653.3	628.0	592.9	547.9	504.4	460.8	414.5	363.9	316.1	271.2
-52.5°	656.1	636.5	604.1	564.8	515.6	470.7	428.5	383.6	337.2	292.2	252.9
-55°	639.3	619.6	583.1	538.1	488.9	439.8	399.0	361.1	316.1	272.6	237.4
-57.5°	630.8	605.5	567.6	522.6	470.7	420.1	385.0	344.2	303.5	258.5	224.8
-60°	623.8	598.5	563.4	511.4	462.2	414.5	373.7	334.4	290.8	248.7	215.0
-62.5°	604.1	577.4	545.1	494.6	446.8	403.2	366.7	320.3	278.2	238.8	207.9
-65°	564.8	536.7	508.6	463.6	420.1	379.3	342.8	300.7	261.3	227.6	200.9
-67.5°	503.0	479.1	453.8	415.9	379.3	342.8	309.1	272.6	240.3	216.4	202.3
-70°	434.1	408.8	383.6	352.6	321.7	292.2	265.5	238.8	217.8	205.1	193.9
-72.5°	316.1	304.9	292.2	268.3	243.1	224.8	212.2	200.9	185.5	174.2	167.2
-75°	210.7	195.3	175.6	167.2	168.6	165.8	158.8	150.3	143.3	139.1	129.3
-77.5°	164.4	156.0	146.1	136.3	132.1	127.9	122.2	115.2	109.6	99.8	85.7
-80°	151.7	144.7	137.7	130.7	123.6	113.8	102.6	91.3	85.7	81.5	80.1
-82.5°	125.0	116.6	108.2	101.2	91.3	84.3	77.3	71.7	71.7	70.2	68.8
-85°	71.7	68.8	64.6	61.8	59.0	54.8	50.6	47.8	46.4	45.0	43.6
-87.5°	36.5	35.1	32.3	30.9	29.5	28.1	25.3	23.9	22.5	22.5	21.1
-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: P723810

CATALOG NUMBER: IFLD-S-SA2D-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°	7.0	7.0	5.6	5.6	5.6	4.2	2.8	2.8	1.4	1.4	0.0
85°	16.9	14.0	12.6	11.2	11.2	8.4	5.6	4.2	2.8	1.4	1.4
82.5°	32.3	28.1	23.9	21.1	16.9	12.6	9.8	7.0	4.2	2.8	1.4
80°	36.5	36.5	35.1	29.5	23.9	18.3	12.6	8.4	5.6	4.2	2.8
77.5°	28.1	30.9	30.9	30.9	29.5	22.5	15.5	9.8	5.6	4.2	2.8
75°	32.3	28.1	26.7	28.1	26.7	22.5	18.3	11.2	7.0	5.6	2.8
72.5°	39.3	33.7	29.5	28.1	25.3	21.1	16.9	12.6	7.0	5.6	4.2
70°	36.5	35.1	32.3	29.5	25.3	21.1	16.9	12.6	8.4	5.6	4.2
67.5°	32.3	32.3	32.3	29.5	25.3	19.7	15.5	11.2	8.4	5.6	4.2
65°	22.5	26.7	29.5	28.1	25.3	19.7	15.5	11.2	8.4	7.0	4.2
62.5°	14.0	18.3	23.9	26.7	23.9	19.7	14.0	11.2	8.4	7.0	4.2
60°	12.6	14.0	16.9	21.1	22.5	18.3	14.0	9.8	8.4	7.0	4.2
57.5°	12.6	12.6	14.0	16.9	18.3	16.9	12.6	8.4	8.4	7.0	5.6
55°	14.0	12.6	12.6	14.0	15.5	15.5	12.6	8.4	8.4	7.0	5.6
52.5°	16.9	14.0	12.6	12.6	12.6	14.0	11.2	8.4	8.4	7.0	5.6
50°	21.1	16.9	15.5	12.6	12.6	12.6	11.2	8.4	7.0	7.0	5.6
47.5°	28.1	22.5	16.9	15.5	12.6	11.2	9.8	8.4	7.0	7.0	5.6
45°	42.1	26.7	22.5	16.9	14.0	12.6	11.2	8.4	7.0	7.0	5.6
42.5°	57.6	39.3	28.1	19.7	15.5	12.6	11.2	9.8	7.0	7.0	5.6
40°	73.1	53.4	35.1	25.3	18.3	14.0	11.2	9.8	8.4	7.0	5.6
37.5°	89.9	66.0	46.4	32.3	21.1	15.5	12.6	9.8	8.4	7.0	5.6
35°	111.0	82.9	57.6	39.3	25.3	18.3	14.0	9.8	8.4	7.0	5.6
32.5°	134.9	98.3	68.8	47.8	32.3	22.5	15.5	11.2	8.4	7.0	5.6
30°	157.4	116.6	81.5	57.6	39.3	25.3	16.9	11.2	8.4	7.0	4.2
27.5°	179.8	134.9	96.9	67.4	47.8	29.5	18.3	12.6	8.4	7.0	5.6
25°	202.3	153.1	112.4	77.3	54.8	35.1	22.5	14.0	8.4	7.0	5.6
22.5°	222.0	171.4	126.4	88.5	63.2	40.7	25.3	15.5	9.8	7.0	5.6
20°	244.5	191.1	141.9	101.2	70.2	46.4	28.1	16.9	9.8	7.0	5.6
17.5°	265.5	210.7	157.4	112.4	78.7	52.0	32.3	18.3	11.2	7.0	5.6
15°	286.6	229.0	171.4	123.6	87.1	57.6	35.1	19.7	12.6	7.0	5.6
12.5°	306.3	245.9	184.1	133.5	94.1	63.2	37.9	21.1	14.0	7.0	5.6
10°	324.5	261.3	196.7	141.9	101.2	67.4	40.7	23.9	15.5	7.0	5.6
7.5°	342.8	274.0	206.5	150.3	109.6	73.1	43.6	25.3	16.9	8.4	5.6
5°	354.1	285.2	215.0	157.4	116.6	78.7	46.4	26.7	18.3	8.4	5.6
2.5°	363.9	293.6	220.6	164.4	123.6	82.9	46.4	28.1	19.7	8.4	5.6
0°	369.5	299.3	224.8	168.6	129.3	85.7	47.8	29.5	21.1	8.4	5.6
-2.5°	382.2	309.1	234.6	174.2	134.9	94.1	50.6	30.9	22.5	9.8	5.6
-5°	390.6	314.7	241.7	179.8	139.1	102.6	54.8	33.7	25.3	12.6	7.0
-7.5°	397.6	320.3	247.3	182.6	143.3	105.4	56.2	35.1	26.7	14.0	7.0
-10°	399.0	323.1	251.5	186.9	146.1	109.6	57.6	36.5	28.1	15.5	7.0
-12.5°	400.4	326.0	252.9	189.7	148.9	112.4	59.0	37.9	29.5	16.9	7.0
-15°	399.0	324.5	252.9	192.5	150.3	109.6	61.8	39.3	30.9	18.3	7.0
-17.5°	396.2	323.1	251.5	191.1	148.9	106.8	63.2	42.1	30.9	19.7	8.4
-20°	392.0	318.9	248.7	189.7	147.5	104.0	64.6	43.6	32.3	19.7	8.4

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-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°	385.0	311.9	243.1	185.5	144.7	101.2	64.6	46.4	33.7	19.7	8.4
-25°	376.5	304.9	237.4	179.8	140.5	96.9	64.6	47.8	35.1	19.7	8.4
-27.5°	366.7	297.9	229.0	175.6	134.9	94.1	64.6	49.2	36.5	19.7	8.4
-30°	355.5	288.0	222.0	168.6	130.7	94.1	66.0	50.6	37.9	19.7	8.4
-32.5°	344.2	278.2	213.6	163.0	125.0	92.7	66.0	52.0	39.3	18.3	9.8
-35°	331.6	266.9	206.5	158.8	120.8	89.9	67.4	52.0	37.9	18.3	9.8
-37.5°	316.1	252.9	199.5	154.5	118.0	87.1	67.4	53.4	36.5	18.3	9.8
-40°	299.3	241.7	191.1	148.9	113.8	85.7	67.4	53.4	35.1	18.3	11.2
-42.5°	281.0	229.0	182.6	143.3	109.6	84.3	67.4	53.4	33.7	18.3	11.2
-45°	264.1	216.4	172.8	136.3	105.4	84.3	67.4	52.0	30.9	19.7	11.2
-47.5°	245.9	202.3	161.6	129.3	104.0	82.9	66.0	49.2	28.1	19.7	11.2
-50°	230.4	188.3	153.1	122.2	101.2	84.3	67.4	45.0	28.1	19.7	11.2
-52.5°	215.0	178.4	143.3	119.4	98.3	85.7	66.0	42.1	28.1	19.7	11.2
-55°	202.3	168.6	137.7	115.2	101.2	88.5	63.2	37.9	28.1	19.7	11.2
-57.5°	192.5	163.0	133.5	116.6	105.4	85.7	59.0	36.5	28.1	18.3	11.2
-60°	185.5	157.4	134.9	122.2	106.8	81.5	56.2	36.5	28.1	18.3	9.8
-62.5°	179.8	158.8	141.9	126.4	101.2	75.9	53.4	36.5	25.3	16.9	9.8
-65°	181.2	164.4	144.7	120.8	96.9	70.2	49.2	35.1	23.9	15.5	9.8
-67.5°	185.5	160.2	136.3	113.8	87.1	63.2	45.0	32.3	22.5	15.5	9.8
-70°	171.4	147.5	123.6	96.9	74.5	54.8	42.1	29.5	19.7	14.0	9.8
-72.5°	154.5	123.6	98.3	78.7	63.2	50.6	37.9	26.7	18.3	12.6	8.4
-75°	112.4	89.9	73.1	66.0	56.2	45.0	33.7	23.9	16.9	12.6	8.4
-77.5°	80.1	74.5	67.4	60.4	50.6	39.3	29.5	22.5	15.5	11.2	7.0
-80°	78.7	71.7	63.2	52.0	42.1	33.7	25.3	19.7	14.0	9.8	5.6
-82.5°	66.0	56.2	47.8	39.3	32.3	26.7	21.1	15.5	11.2	7.0	4.2
-85°	40.7	35.1	30.9	26.7	22.5	18.3	14.0	9.8	7.0	4.2	2.8
-87.5°	19.7	18.3	15.5	12.6	11.2	8.4	7.0	5.6	4.2	2.8	1.4
-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: P723810

CATALOG NUMBER: IFLD-S-SA2D-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°	1.4	0.0	0.0	0.0
80°	1.4	0.0	0.0	0.0
77.5°	1.4	0.0	0.0	0.0
75°	1.4	1.4	0.0	0.0
72.5°	1.4	1.4	0.0	0.0
70°	2.8	1.4	1.4	0.0
67.5°	2.8	1.4	1.4	0.0
65°	2.8	1.4	1.4	0.0
62.5°	2.8	1.4	1.4	0.0
60°	2.8	1.4	1.4	0.0
57.5°	2.8	1.4	1.4	0.0
55°	2.8	1.4	1.4	0.0
52.5°	2.8	1.4	1.4	0.0
50°	2.8	1.4	1.4	0.0
47.5°	2.8	2.8	1.4	0.0
45°	2.8	2.8	1.4	0.0
42.5°	2.8	2.8	1.4	0.0
40°	2.8	2.8	1.4	0.0
37.5°	2.8	2.8	1.4	0.0
35°	2.8	2.8	1.4	0.0
32.5°	4.2	2.8	1.4	0.0
30°	4.2	2.8	2.8	0.0
27.5°	4.2	2.8	2.8	0.0
25°	4.2	2.8	2.8	0.0
22.5°	4.2	2.8	2.8	0.0
20°	4.2	2.8	2.8	0.0
17.5°	4.2	2.8	2.8	0.0
15°	4.2	2.8	2.8	0.0
12.5°	4.2	2.8	2.8	0.0
10°	4.2	2.8	2.8	0.0
7.5°	4.2	2.8	2.8	0.0
5°	4.2	2.8	2.8	0.0
2.5°	4.2	2.8	2.8	0.0
0°	4.2	2.8	2.8	0.0
-2.5°	4.2	2.8	2.8	0.0
-5°	4.2	2.8	2.8	0.0
-7.5°	4.2	2.8	2.8	0.0
-10°	4.2	2.8	2.8	0.0
-12.5°	5.6	2.8	2.8	0.0
-15°	5.6	2.8	2.8	0.0
-17.5°	5.6	2.8	2.8	0.0
-20°	5.6	2.8	2.8	0.0

REPORT NUMBER: P723810

CATALOG NUMBER: IFLD-S-SA2D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.6	2.8	2.8	0.0
-25°	5.6	2.8	2.8	0.0
-27.5°	5.6	2.8	2.8	0.0
-30°	5.6	2.8	2.8	0.0
-32.5°	5.6	2.8	2.8	0.0
-35°	5.6	2.8	2.8	0.0
-37.5°	5.6	2.8	2.8	0.0
-40°	5.6	2.8	2.8	0.0
-42.5°	4.2	2.8	1.4	0.0
-45°	5.6	2.8	1.4	0.0
-47.5°	5.6	2.8	1.4	0.0
-50°	5.6	2.8	1.4	0.0
-52.5°	5.6	2.8	1.4	0.0
-55°	5.6	2.8	1.4	0.0
-57.5°	5.6	2.8	1.4	0.0
-60°	5.6	2.8	1.4	0.0
-62.5°	5.6	2.8	1.4	0.0
-65°	5.6	2.8	1.4	0.0
-67.5°	5.6	2.8	1.4	0.0
-70°	5.6	1.4	1.4	0.0
-72.5°	4.2	1.4	1.4	0.0
-75°	4.2	1.4	1.4	0.0
-77.5°	2.8	1.4	0.0	0.0
-80°	2.8	1.4	0.0	0.0
-82.5°	2.8	1.4	0.0	0.0
-85°	1.4	0.0	0.0	0.0
-87.5°	1.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)