

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: P724255

Luminaire Tested: **IFLD-S-SA6D-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724255
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

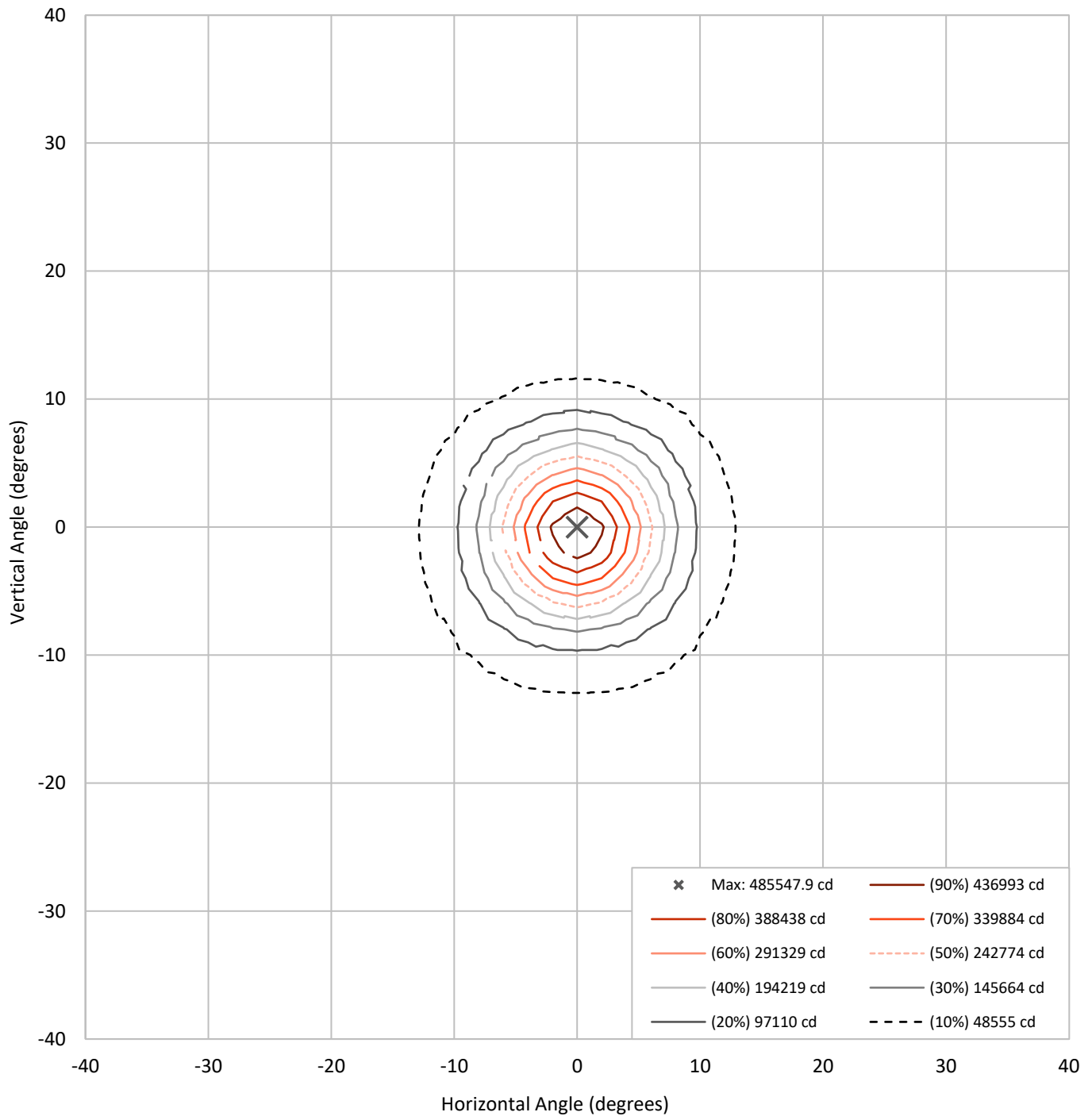
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	33915.8 lumens	Max Intensity:	485547.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10610.4 lumens	Field Lumens:	24142.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 368.2
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: P724255
CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

Iso-Candela Plot





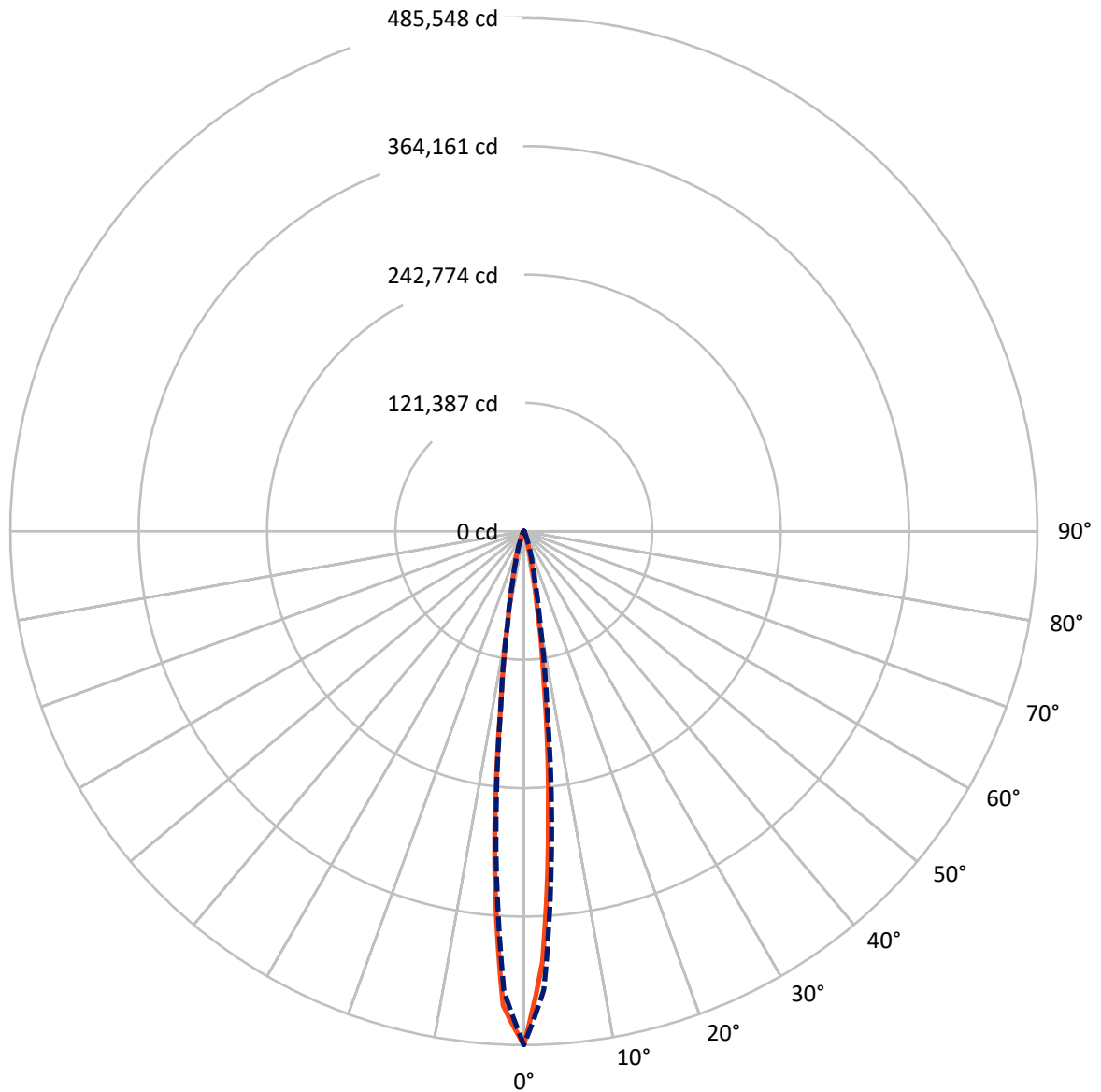
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 CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

Lumen Table

90	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
80	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
70	0.3	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	0.3			
60		0.2	0.4	0.9	1.8	2.6	3.3	3.8	3.8	3.3	2.6	1.8	0.9	0.4	0.2				
50	0.2	0.3	1.1	2.8	4.8	6.8	9.0	10.6	10.6	9.0	6.8	4.8	2.8	1.1	0.3	0.2			
40		0.5	2.4	5.1	8.7	13.6	20.6	24.7	24.7	20.6	13.6	8.7	5.1	2.4	0.5				
30	0.3	1.0	3.6	7.5	13.6	23.5	45.2	73.0	73.0	45.2	23.5	13.6	7.5	3.6	1.0	0.3			
20		1.5	4.9	10.2	20.6	51.2	267.2	676.0	676.0	267.2	51.2	20.6	10.2	4.9	1.5				
10	0.6	1.9	5.8	12.0	25.2	103.9	860.6	5303.2	5303.2	860.6	103.9	25.2	12.0	5.8	1.9	0.6			
0		2.2	6.3	12.7	26.3	118.4	947.0	5840.3	5840.3	947.0	118.4	26.3	12.7	6.3	2.2				
-10	0.7	2.3	6.6	12.6	24.6	71.0	425.0	1024.3	1024.3	425.0	71.0	24.6	12.6	6.6	2.3	0.7			
-20		2.3	6.5	12.0	20.9	36.2	87.8	165.0	165.0	87.8	36.2	20.9	12.0	6.5	2.3				
-30	0.7	2.1	6.0	11.1	17.3	25.6	36.3	42.6	42.6	36.3	25.6	17.3	11.1	6.0	2.1	0.7			
-40		1.8	5.2	9.9	15.1	19.9	25.2	28.0	28.0	25.2	19.9	15.1	9.9	5.2	1.8				
-50	0.6	1.5	4.2	8.4	13.2	17.4	21.4	23.3	23.3	21.4	17.4	13.2	8.4	4.2	1.5	0.6			
-60		1.2	3.0	6.1	10.1	13.9	17.5	19.4	19.4	17.5	13.9	10.1	6.1	3.0	1.2				
-70	0.3	4.6		12.7		23.4		28.3		23.4		12.7		4.6		0.3			
-80		4.6		12.7		23.4		28.3		23.4		12.7		4.6					
-90	0.3	4.6		12.7		23.4		28.3		23.4		12.7		4.6		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724255
CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

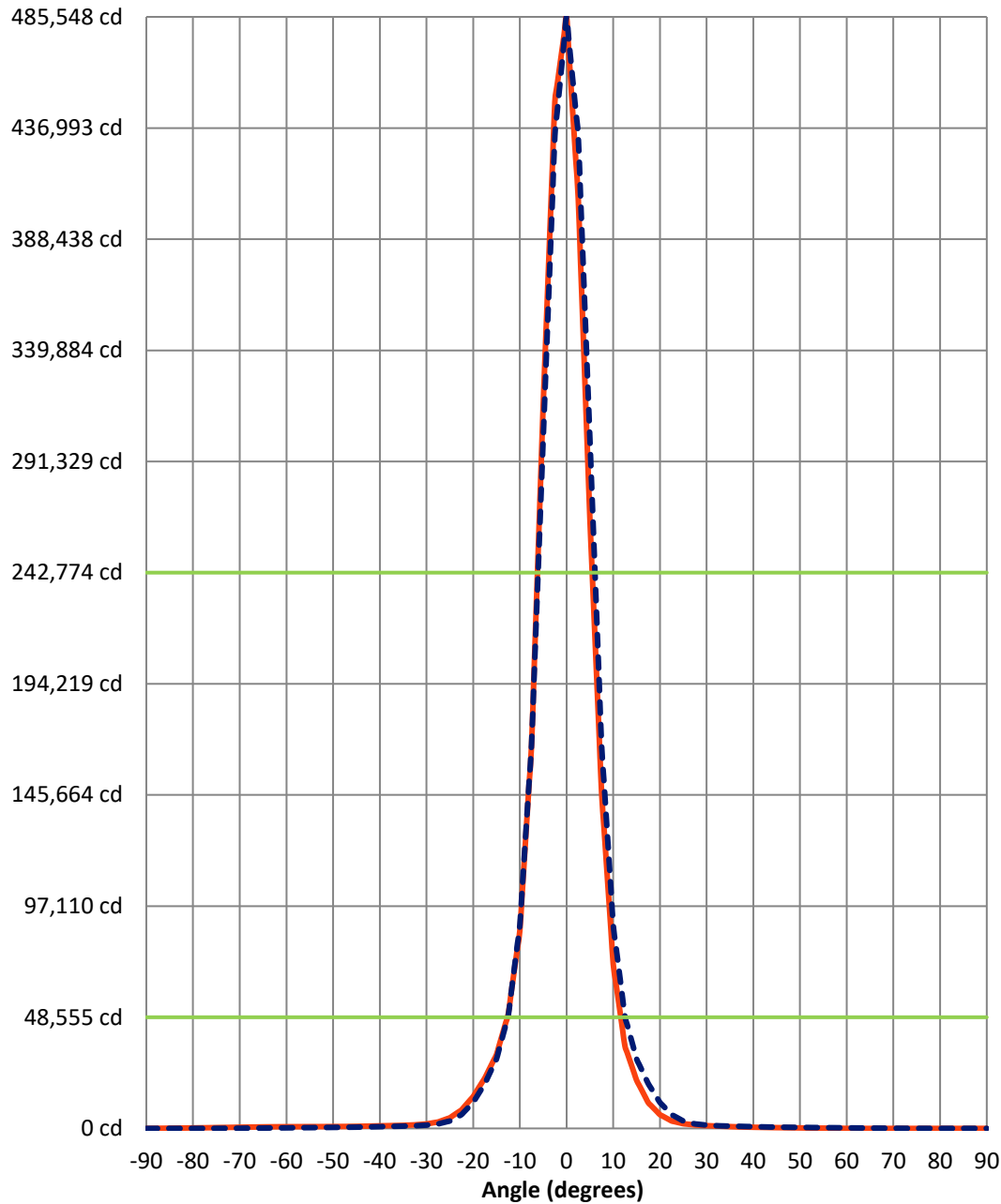
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 10610.4
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 24142.5
 Efficiency: 71.2%

Spill:
 Lumens: 9773.3
 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	6.1	6.1
85°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	12.2	12.2
82.5°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	12.2	12.2	12.2
80°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	12.2	12.2	12.2
77.5°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	12.2
75°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	12.2	12.2	12.2	12.2	18.2	18.2	24.3	24.3	24.3	12.2	24.3
57.5°	97.2	97.2	91.1	85.1	79.0	72.9	72.9	72.9	72.9	72.9	60.8
55°	133.7	133.7	133.7	127.6	127.6	121.5	115.4	109.4	109.4	103.3	97.2
52.5°	158.0	158.0	158.0	158.0	151.9	151.9	151.9	145.8	133.7	133.7	127.6
50°	224.8	218.7	218.7	218.7	218.7	206.6	200.5	188.4	182.3	176.2	170.1
47.5°	291.7	291.7	285.6	285.6	279.5	267.3	255.2	243.0	230.9	224.8	212.7
45°	346.3	346.3	340.3	340.3	334.2	322.0	303.8	285.6	273.4	261.3	249.1
42.5°	425.3	419.3	413.2	407.1	394.9	376.7	352.4	328.1	309.9	291.7	279.5
40°	510.4	510.4	504.3	498.2	480.0	461.8	431.4	401.0	370.6	334.2	316.0
37.5°	613.7	619.8	625.8	625.8	613.7	589.4	546.8	510.4	461.8	413.2	388.9
35°	802.0	802.0	814.2	814.2	796.0	765.6	735.2	656.2	595.5	534.7	480.0
32.5°	1008.6	1014.7	990.4	972.2	947.9	911.4	856.7	789.9	723.1	644.1	583.3
30°	1209.1	1209.1	1178.8	1142.3	1093.7	1032.9	966.1	893.2	814.2	735.2	662.3
27.5°	1525.1	1494.7	1470.4	1409.7	1324.6	1209.1	1124.1	1008.6	905.3	814.2	735.2
25°	2047.6	2041.6	1986.9	1883.6	1713.5	1531.2	1391.4	1197.0	1039.0	899.3	808.1
22.5°	3256.8	3214.3	3086.7	2831.5	2430.4	2114.5	1828.9	1525.1	1239.5	1051.2	905.3
20°	6021.4	5881.7	5541.4	4836.6	3937.3	3317.6	2606.7	2096.3	1616.2	1263.8	1045.1
17.5°	11234.7	11143.6	11016.0	9387.6	7558.7	6246.2	4648.2	3214.3	2296.8	1652.7	1239.5
15°	21059.8	20385.3	18975.7	17025.3	14467.2	11180.0	8221.0	5189.0	3281.1	2199.6	1573.7
12.5°	36000.9	35253.6	31614.0	26734.9	22135.3	17456.7	12255.5	7886.8	4672.5	2795.0	1865.4
10°	71734.5	66308.6	56118.9	41882.6	32689.5	24377.3	17207.5	10760.8	6082.2	3530.2	2211.7
7.5°	146926.4	129196.3	99557.0	70282.3	45491.8	31972.5	21977.3	14072.3	8105.5	4417.3	2527.7
5°	266297.6	234841.6	176924.1	106532.4	66059.4	40071.9	26078.7	16733.6	9594.2	5140.4	2843.6
2.5°	406619.2	365927.5	255785.9	146488.9	81456.3	46342.5	28946.6	18483.5	10542.0	5632.6	3086.7
0°	485547.9	433718.7	301229.1	167712.7	88790.2	49003.8	30350.2	19534.7	11344.1	6033.6	3244.6
-2.5°	448526.2	406801.5	276833.6	155791.4	84846.8	47837.2	30550.7	19796.0	11477.8	6142.9	3317.6
-5°	316121.7	281876.7	191549.3	114966.0	71989.7	44063.9	28825.1	18811.6	11107.1	5985.0	3287.2
-7.5°	167244.9	151750.8	113598.9	82610.8	52546.2	37295.2	25951.1	17067.8	10147.1	5559.6	3104.9
-10°	86408.3	83230.5	71722.4	54065.2	42520.6	31243.3	22147.4	14594.8	8482.2	4788.0	2795.0
-12.5°	49818.0	49277.2	45576.9	39124.1	32604.4	25665.5	18173.6	11903.1	7078.7	3967.7	2357.5
-15°	32258.1	32489.0	31200.8	28515.2	24802.7	19206.6	13962.9	8852.9	5237.6	3214.3	2078.0
-17.5°	22013.7	21953.0	21351.4	19510.4	16520.9	12972.5	9253.9	6252.3	3967.7	2503.4	1725.6
-20°	13926.4	13950.7	13391.7	12121.8	9922.3	7996.2	5760.2	4216.8	2813.2	1968.7	1525.1



REPORT NUMBER: P724255

CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8081.2	8099.5	7747.0	7030.1	5875.6	4739.4	3742.9	2788.9	2072.0	1640.5	1336.7
-25°	4642.1	4569.2	4429.5	4083.1	3542.4	2922.6	2485.1	1962.6	1658.8	1391.4	1221.3
-27.5°	2813.2	2764.6	2691.7	2539.8	2327.1	2017.3	1816.8	1585.9	1409.7	1251.7	1148.4
-30°	1962.6	1980.8	1920.1	1841.1	1743.8	1604.1	1494.7	1385.4	1269.9	1172.7	1075.5
-32.5°	1561.6	1573.7	1543.3	1513.0	1464.3	1409.7	1342.8	1263.8	1172.7	1081.5	990.4
-35°	1342.8	1348.9	1348.9	1342.8	1330.7	1288.1	1239.5	1166.6	1081.5	996.5	917.5
-37.5°	1233.4	1239.5	1239.5	1233.4	1215.2	1178.8	1130.2	1069.4	990.4	911.4	850.7
-40°	1118.0	1124.1	1118.0	1105.9	1087.6	1051.2	1014.7	966.1	905.3	838.5	783.8
-42.5°	1008.6	1002.6	996.5	984.3	966.1	941.8	911.4	875.0	832.4	783.8	741.3
-45°	905.3	905.3	899.3	893.2	881.0	862.8	844.6	814.2	783.8	747.4	710.9
-47.5°	850.7	850.7	844.6	838.5	832.4	820.3	802.0	777.7	753.4	723.1	692.7
-50°	814.2	814.2	814.2	808.1	802.0	789.9	771.7	753.4	729.1	698.8	668.4
-52.5°	789.9	789.9	789.9	783.8	777.7	771.7	753.4	729.1	698.8	674.4	650.1
-55°	777.7	771.7	771.7	765.6	759.5	753.4	729.1	704.8	680.5	656.2	631.9
-57.5°	759.5	753.4	753.4	747.4	741.3	735.2	710.9	686.6	662.3	631.9	613.7
-60°	741.3	735.2	735.2	723.1	717.0	710.9	686.6	662.3	638.0	613.7	589.4
-62.5°	717.0	710.9	704.8	698.8	686.6	674.4	656.2	631.9	601.5	577.2	552.9
-65°	662.3	656.2	650.1	644.1	638.0	631.9	613.7	583.3	559.0	534.7	510.4
-67.5°	595.5	595.5	595.5	583.3	577.2	565.1	552.9	528.6	504.3	480.0	461.8
-70°	516.5	516.5	516.5	504.3	498.2	492.2	473.9	455.7	437.5	419.3	394.9
-72.5°	437.5	431.4	431.4	425.3	413.2	407.1	394.9	382.8	364.6	352.4	334.2
-75°	358.5	352.4	352.4	346.3	340.3	334.2	322.0	316.0	303.8	291.7	273.4
-77.5°	285.6	285.6	285.6	279.5	273.4	267.3	261.3	255.2	249.1	237.0	224.8
-80°	218.7	218.7	218.7	218.7	218.7	218.7	218.7	212.7	200.5	194.4	188.4
-82.5°	158.0	164.1	164.1	164.1	164.1	164.1	164.1	164.1	158.0	151.9	145.8
-85°	103.3	109.4	109.4	115.4	121.5	121.5	127.6	121.5	115.4	103.3	97.2
-87.5°	54.7	54.7	54.7	54.7	54.7	54.7	54.7	48.6	48.6	48.6	42.5
-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: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-U-22-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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	12.2	12.2	12.2
85°	12.2	12.2	12.2	12.2	18.2	18.2	18.2	24.3	24.3	24.3	24.3
82.5°	12.2	18.2	18.2	18.2	24.3	24.3	30.4	36.5	48.6	54.7	54.7
80°	12.2	18.2	18.2	18.2	24.3	24.3	30.4	30.4	36.5	42.5	54.7
77.5°	12.2	12.2	18.2	18.2	18.2	24.3	24.3	30.4	30.4	36.5	42.5
75°	6.1	12.2	12.2	12.2	18.2	18.2	24.3	24.3	30.4	30.4	36.5
72.5°	6.1	12.2	12.2	12.2	18.2	18.2	24.3	24.3	24.3	30.4	30.4
70°	6.1	12.2	12.2	12.2	12.2	18.2	18.2	18.2	24.3	24.3	24.3
67.5°	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.2	18.2	18.2	24.3
65°	6.1	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.2	18.2	18.2
62.5°	6.1	6.1	6.1	12.2	12.2	12.2	12.2	12.2	18.2	18.2	18.2
60°	24.3	24.3	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
57.5°	54.7	54.7	48.6	42.5	36.5	36.5	30.4	24.3	24.3	18.2	18.2
55°	91.1	85.1	79.0	66.8	60.8	54.7	48.6	36.5	30.4	24.3	18.2
52.5°	115.4	109.4	103.3	97.2	85.1	72.9	66.8	60.8	48.6	36.5	30.4
50°	170.1	151.9	139.8	127.6	115.4	103.3	91.1	85.1	66.8	54.7	42.5
47.5°	206.6	194.4	176.2	164.1	151.9	133.7	115.4	103.3	91.1	72.9	54.7
45°	237.0	224.8	206.6	194.4	182.3	164.1	145.8	127.6	115.4	97.2	72.9
42.5°	267.3	255.2	237.0	224.8	206.6	188.4	170.1	151.9	133.7	121.5	97.2
40°	309.9	291.7	267.3	255.2	243.0	218.7	194.4	176.2	158.0	139.8	115.4
37.5°	364.6	346.3	316.0	291.7	273.4	255.2	230.9	206.6	188.4	164.1	139.8
35°	449.6	419.3	376.7	340.3	316.0	291.7	261.3	237.0	212.7	188.4	164.1
32.5°	534.7	486.1	431.4	388.9	352.4	322.0	291.7	267.3	237.0	206.6	182.3
30°	601.5	546.8	492.2	431.4	388.9	352.4	322.0	291.7	261.3	230.9	200.5
27.5°	668.4	607.6	546.8	486.1	425.3	376.7	346.3	316.0	285.6	255.2	218.7
25°	735.2	668.4	607.6	540.8	467.9	413.2	370.6	346.3	316.0	279.5	237.0
22.5°	796.0	735.2	674.4	601.5	516.5	443.6	401.0	370.6	340.3	297.7	261.3
20°	911.4	832.4	759.5	668.4	571.2	498.2	443.6	401.0	364.6	322.0	279.5
17.5°	1063.3	947.9	850.7	747.4	650.1	559.0	480.0	431.4	394.9	346.3	297.7
15°	1257.8	1057.2	935.7	832.4	717.0	613.7	528.6	461.8	413.2	364.6	322.0
12.5°	1403.6	1142.3	1008.6	911.4	789.9	674.4	565.1	486.1	431.4	382.8	334.2
10°	1567.6	1233.4	1069.4	960.0	832.4	704.8	589.4	504.3	443.6	401.0	352.4
7.5°	1701.3	1306.4	1099.8	978.3	856.7	729.1	613.7	522.5	461.8	413.2	364.6
5°	1822.8	1367.1	1124.1	984.3	868.9	747.4	625.8	534.7	473.9	425.3	376.7
2.5°	1907.9	1421.8	1148.4	996.5	881.0	759.5	644.1	546.8	486.1	437.5	388.9
0°	1980.8	1440.0	1142.3	996.5	887.1	759.5	650.1	552.9	492.2	443.6	394.9
-2.5°	2005.1	1470.4	1172.7	1008.6	899.3	771.7	662.3	559.0	498.2	449.6	407.1
-5°	2005.1	1446.1	1172.7	1020.8	905.3	777.7	662.3	565.1	504.3	455.7	407.1
-7.5°	1932.2	1409.7	1166.6	1032.9	911.4	783.8	662.3	571.2	510.4	461.8	413.2
-10°	1804.6	1355.0	1160.5	1039.0	911.4	777.7	662.3	571.2	510.4	461.8	419.3
-12.5°	1598.0	1282.1	1130.2	1026.9	899.3	765.6	656.2	571.2	510.4	467.9	419.3
-15°	1494.7	1221.3	1093.7	990.4	868.9	747.4	644.1	565.1	510.4	467.9	425.3
-17.5°	1355.0	1172.7	1057.2	953.9	844.6	729.1	631.9	565.1	510.4	461.8	425.3
-20°	1257.8	1118.0	1014.7	923.6	814.2	710.9	625.8	559.0	510.4	461.8	425.3



REPORT NUMBER: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-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°	1172.7	1057.2	966.1	875.0	777.7	686.6	613.7	552.9	504.3	461.8	425.3
-25°	1105.9	1002.6	917.5	832.4	747.4	668.4	601.5	546.8	498.2	461.8	419.3
-27.5°	1045.1	947.9	868.9	789.9	710.9	650.1	589.4	540.8	498.2	455.7	413.2
-30°	978.3	899.3	820.3	747.4	692.7	631.9	577.2	528.6	492.2	449.6	407.1
-32.5°	911.4	838.5	771.7	717.0	668.4	619.8	571.2	522.5	480.0	437.5	394.9
-35°	850.7	783.8	735.2	686.6	650.1	607.6	559.0	510.4	473.9	431.4	394.9
-37.5°	789.9	741.3	698.8	662.3	625.8	589.4	540.8	498.2	461.8	419.3	376.7
-40°	741.3	704.8	674.4	644.1	607.6	565.1	528.6	486.1	449.6	407.1	358.5
-42.5°	710.9	680.5	650.1	619.8	589.4	552.9	516.5	473.9	437.5	394.9	346.3
-45°	680.5	656.2	631.9	607.6	577.2	540.8	498.2	455.7	419.3	376.7	340.3
-47.5°	662.3	638.0	613.7	595.5	571.2	522.5	486.1	443.6	401.0	364.6	322.0
-50°	644.1	619.8	601.5	577.2	546.8	504.3	467.9	425.3	388.9	346.3	309.9
-52.5°	625.8	601.5	577.2	552.9	522.5	486.1	449.6	413.2	370.6	328.1	291.7
-55°	607.6	583.3	559.0	534.7	504.3	473.9	437.5	388.9	346.3	303.8	267.3
-57.5°	589.4	571.2	540.8	510.4	480.0	449.6	407.1	364.6	322.0	279.5	249.1
-60°	565.1	540.8	516.5	480.0	449.6	413.2	376.7	340.3	297.7	261.3	230.9
-62.5°	528.6	504.3	480.0	443.6	413.2	382.8	352.4	309.9	279.5	243.0	212.7
-65°	486.1	461.8	437.5	407.1	376.7	346.3	322.0	285.6	255.2	224.8	200.5
-67.5°	437.5	413.2	394.9	364.6	340.3	309.9	285.6	255.2	224.8	200.5	176.2
-70°	376.7	358.5	340.3	316.0	291.7	267.3	243.0	218.7	194.4	176.2	151.9
-72.5°	322.0	303.8	285.6	267.3	249.1	224.8	206.6	188.4	170.1	151.9	139.8
-75°	261.3	249.1	237.0	224.8	206.6	188.4	176.2	158.0	145.8	133.7	127.6
-77.5°	218.7	206.6	194.4	182.3	170.1	158.0	145.8	133.7	127.6	121.5	115.4
-80°	176.2	170.1	164.1	151.9	145.8	133.7	127.6	115.4	115.4	115.4	115.4
-82.5°	139.8	133.7	127.6	121.5	115.4	109.4	109.4	103.3	109.4	109.4	103.3
-85°	97.2	91.1	85.1	85.1	79.0	79.0	72.9	72.9	72.9	66.8	66.8
-87.5°	42.5	42.5	42.5	42.5	36.5	36.5	36.5	36.5	36.5	30.4	30.4
-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: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-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°	12.2	12.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	0.0	0.0
85°	24.3	24.3	18.2	18.2	18.2	12.2	12.2	6.1	6.1	6.1	6.1
82.5°	54.7	48.6	42.5	36.5	30.4	24.3	18.2	12.2	12.2	6.1	6.1
80°	66.8	66.8	66.8	60.8	48.6	36.5	24.3	18.2	12.2	6.1	6.1
77.5°	48.6	48.6	54.7	60.8	60.8	48.6	30.4	18.2	12.2	12.2	6.1
75°	36.5	36.5	36.5	42.5	48.6	48.6	36.5	24.3	12.2	12.2	6.1
72.5°	36.5	36.5	36.5	36.5	36.5	36.5	36.5	24.3	18.2	12.2	12.2
70°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	24.3	18.2	12.2	12.2
67.5°	24.3	24.3	30.4	30.4	30.4	24.3	24.3	24.3	18.2	12.2	12.2
65°	18.2	24.3	24.3	30.4	24.3	24.3	24.3	18.2	18.2	12.2	12.2
62.5°	18.2	18.2	24.3	24.3	24.3	24.3	18.2	18.2	18.2	12.2	12.2
60°	18.2	18.2	18.2	24.3	18.2	18.2	18.2	18.2	18.2	12.2	12.2
57.5°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	12.2	12.2	12.2	12.2
55°	18.2	18.2	18.2	18.2	18.2	18.2	12.2	12.2	12.2	12.2	12.2
52.5°	24.3	18.2	18.2	18.2	18.2	18.2	12.2	12.2	12.2	12.2	12.2
50°	30.4	18.2	18.2	18.2	18.2	12.2	12.2	12.2	12.2	12.2	12.2
47.5°	42.5	30.4	24.3	18.2	18.2	12.2	12.2	12.2	12.2	12.2	6.1
45°	60.8	42.5	30.4	24.3	18.2	12.2	12.2	12.2	12.2	12.2	6.1
42.5°	72.9	54.7	36.5	30.4	24.3	18.2	12.2	12.2	12.2	6.1	6.1
40°	91.1	72.9	48.6	36.5	24.3	18.2	12.2	12.2	12.2	6.1	6.1
37.5°	115.4	91.1	60.8	42.5	30.4	18.2	18.2	12.2	12.2	6.1	6.1
35°	133.7	103.3	79.0	48.6	36.5	24.3	18.2	12.2	12.2	6.1	6.1
32.5°	151.9	121.5	97.2	60.8	42.5	30.4	24.3	12.2	12.2	6.1	6.1
30°	170.1	139.8	109.4	79.0	54.7	36.5	24.3	12.2	12.2	6.1	6.1
27.5°	188.4	151.9	121.5	91.1	60.8	42.5	30.4	18.2	12.2	6.1	6.1
25°	206.6	170.1	133.7	103.3	66.8	48.6	30.4	18.2	12.2	12.2	6.1
22.5°	218.7	188.4	151.9	115.4	79.0	54.7	36.5	24.3	12.2	12.2	6.1
20°	237.0	206.6	164.1	127.6	91.1	60.8	36.5	24.3	12.2	12.2	6.1
17.5°	255.2	218.7	176.2	139.8	103.3	66.8	42.5	30.4	12.2	12.2	6.1
15°	273.4	230.9	188.4	145.8	109.4	72.9	42.5	30.4	12.2	12.2	6.1
12.5°	291.7	249.1	200.5	158.0	115.4	79.0	48.6	36.5	18.2	12.2	6.1
10°	303.8	261.3	212.7	164.1	121.5	91.1	54.7	36.5	18.2	12.2	6.1
7.5°	322.0	273.4	224.8	176.2	127.6	97.2	60.8	36.5	18.2	12.2	6.1
5°	328.1	285.6	230.9	188.4	133.7	103.3	66.8	42.5	18.2	12.2	6.1
2.5°	334.2	297.7	237.0	194.4	139.8	103.3	66.8	42.5	24.3	12.2	6.1
0°	340.3	303.8	243.0	200.5	145.8	109.4	72.9	42.5	24.3	12.2	6.1
-2.5°	346.3	309.9	255.2	206.6	151.9	115.4	79.0	42.5	24.3	12.2	6.1
-5°	352.4	309.9	267.3	212.7	158.0	115.4	79.0	48.6	30.4	12.2	6.1
-7.5°	358.5	316.0	273.4	218.7	164.1	115.4	85.1	48.6	30.4	18.2	6.1
-10°	364.6	322.0	279.5	224.8	164.1	121.5	85.1	48.6	30.4	18.2	6.1
-12.5°	370.6	328.1	279.5	224.8	170.1	121.5	85.1	54.7	30.4	18.2	6.1
-15°	376.7	328.1	279.5	224.8	170.1	127.6	91.1	54.7	30.4	18.2	12.2
-17.5°	376.7	328.1	279.5	230.9	170.1	127.6	91.1	54.7	30.4	18.2	12.2
-20°	376.7	328.1	279.5	230.9	170.1	127.6	91.1	54.7	30.4	18.2	12.2



REPORT NUMBER: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	370.6	322.0	279.5	224.8	170.1	127.6	91.1	54.7	36.5	18.2	12.2
-25°	370.6	322.0	279.5	224.8	170.1	127.6	85.1	54.7	36.5	18.2	12.2
-27.5°	364.6	322.0	273.4	218.7	164.1	121.5	85.1	54.7	36.5	18.2	12.2
-30°	358.5	316.0	267.3	212.7	164.1	121.5	85.1	54.7	36.5	18.2	12.2
-32.5°	352.4	303.8	261.3	206.6	158.0	115.4	85.1	54.7	36.5	18.2	12.2
-35°	340.3	297.7	249.1	200.5	151.9	115.4	79.0	54.7	36.5	24.3	12.2
-37.5°	328.1	285.6	243.0	194.4	145.8	109.4	79.0	54.7	36.5	24.3	12.2
-40°	316.0	279.5	230.9	182.3	139.8	103.3	79.0	54.7	36.5	24.3	18.2
-42.5°	303.8	267.3	224.8	176.2	139.8	103.3	72.9	54.7	36.5	24.3	18.2
-45°	297.7	261.3	212.7	170.1	133.7	103.3	72.9	48.6	36.5	24.3	18.2
-47.5°	285.6	243.0	200.5	164.1	127.6	97.2	66.8	48.6	36.5	24.3	18.2
-50°	267.3	230.9	194.4	158.0	121.5	91.1	66.8	48.6	36.5	24.3	18.2
-52.5°	249.1	212.7	182.3	145.8	115.4	91.1	66.8	48.6	36.5	24.3	18.2
-55°	230.9	200.5	170.1	139.8	109.4	85.1	60.8	48.6	36.5	24.3	18.2
-57.5°	218.7	188.4	158.0	127.6	103.3	79.0	60.8	42.5	30.4	24.3	18.2
-60°	206.6	176.2	145.8	121.5	97.2	79.0	60.8	42.5	30.4	24.3	12.2
-62.5°	188.4	164.1	133.7	115.4	91.1	72.9	54.7	42.5	30.4	24.3	12.2
-65°	170.1	145.8	121.5	103.3	85.1	66.8	54.7	42.5	30.4	24.3	12.2
-67.5°	151.9	133.7	115.4	97.2	79.0	66.8	54.7	42.5	30.4	18.2	12.2
-70°	139.8	121.5	103.3	91.1	79.0	60.8	54.7	42.5	30.4	18.2	12.2
-72.5°	121.5	109.4	97.2	85.1	72.9	66.8	54.7	42.5	24.3	18.2	12.2
-75°	115.4	103.3	91.1	85.1	79.0	66.8	54.7	36.5	24.3	18.2	12.2
-77.5°	115.4	103.3	97.2	91.1	79.0	66.8	48.6	30.4	18.2	18.2	12.2
-80°	115.4	109.4	103.3	85.1	72.9	54.7	36.5	30.4	18.2	12.2	6.1
-82.5°	103.3	85.1	72.9	60.8	54.7	42.5	30.4	24.3	12.2	12.2	6.1
-85°	66.8	54.7	48.6	42.5	36.5	30.4	18.2	12.2	12.2	6.1	6.1
-87.5°	30.4	30.4	24.3	18.2	18.2	12.2	12.2	6.1	6.1	6.1	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: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-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°	6.1	0.0	0.0	0.0
77.5°	6.1	0.0	0.0	0.0
75°	6.1	6.1	0.0	0.0
72.5°	6.1	6.1	0.0	0.0
70°	6.1	6.1	0.0	0.0
67.5°	6.1	6.1	0.0	0.0
65°	6.1	6.1	0.0	0.0
62.5°	6.1	6.1	0.0	0.0
60°	6.1	6.1	0.0	0.0
57.5°	6.1	6.1	6.1	0.0
55°	6.1	6.1	6.1	0.0
52.5°	6.1	6.1	6.1	0.0
50°	6.1	6.1	6.1	0.0
47.5°	6.1	6.1	6.1	0.0
45°	6.1	6.1	6.1	0.0
42.5°	6.1	6.1	6.1	0.0
40°	6.1	6.1	6.1	0.0
37.5°	6.1	6.1	6.1	0.0
35°	6.1	6.1	6.1	0.0
32.5°	6.1	6.1	6.1	0.0
30°	6.1	6.1	6.1	0.0
27.5°	6.1	6.1	6.1	0.0
25°	6.1	6.1	6.1	0.0
22.5°	6.1	6.1	6.1	0.0
20°	6.1	6.1	6.1	0.0
17.5°	6.1	6.1	6.1	0.0
15°	6.1	6.1	6.1	0.0
12.5°	6.1	6.1	6.1	0.0
10°	6.1	6.1	6.1	0.0
7.5°	6.1	6.1	6.1	0.0
5°	6.1	6.1	6.1	0.0
2.5°	6.1	6.1	6.1	0.0
0°	6.1	6.1	6.1	0.0
-2.5°	6.1	6.1	6.1	0.0
-5°	6.1	6.1	6.1	0.0
-7.5°	6.1	6.1	6.1	0.0
-10°	6.1	6.1	6.1	0.0
-12.5°	6.1	6.1	6.1	0.0
-15°	6.1	6.1	6.1	0.0
-17.5°	6.1	6.1	6.1	0.0
-20°	6.1	6.1	6.1	0.0



REPORT NUMBER: P724255
 CATALOG NUMBER: IFLD-S-SA6D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

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