

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: P724236

Luminaire Tested: **IFLD-L-SA7D-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724236
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

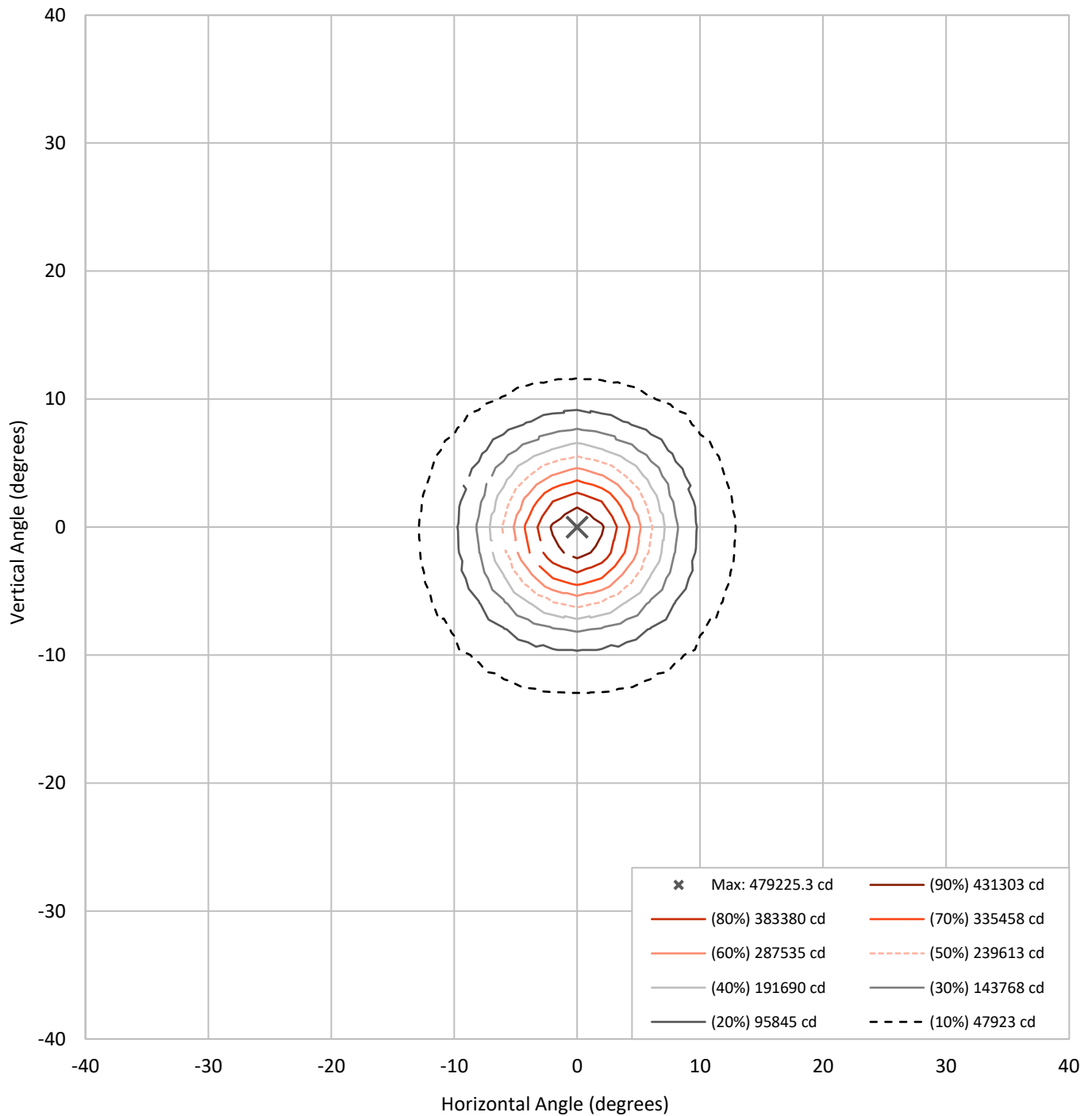
Lumens per Lamp: N/A	NEMA Type: 2H x 2V
Luminaire Lumens: 33474.1 lumens	Max Intensity: 479225.3 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 79.2 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 12.2°H x 11.7°V	Field Angle (10%): 25.1°H x 24.3°V
Beam Lumens: 10472.2 lumens	Field Lumens: 23828.1 lumens
Beam Efficiency: 31.3%	Field Efficiency: 71.2%

Input Watts (W): 422.6
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





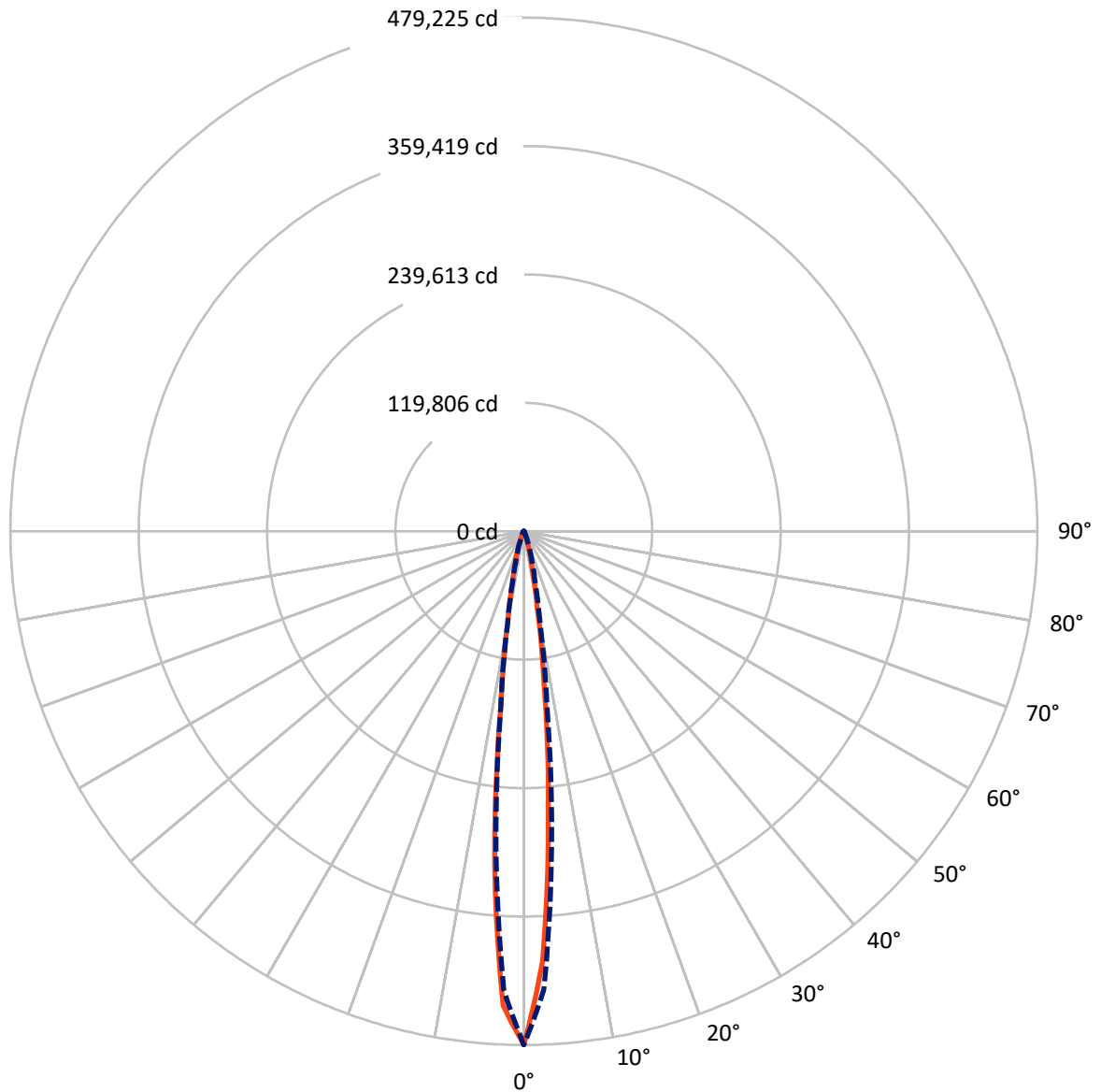
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Lumen Table

90	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	1.7	2.6	3.3	3.7	3.7	3.3	2.6	1.7	0.9	0.4	0.2				
50	0.2	0.3	1.1	2.7	4.8	6.7	8.9	10.5	10.5	8.9	6.7	4.8	2.7	1.1	0.3	0.2			
40		0.5	2.3	5.1	8.5	13.5	20.3	24.3	24.3	20.3	13.5	8.5	5.1	2.3	0.5				
30	0.3	1.0	3.6	7.4	13.4	23.2	44.6	72.1	72.1	44.6	23.2	13.4	7.4	3.6	1.0	0.3			
20		1.5	4.8	10.0	20.4	50.5	263.7	667.2	667.2	263.7	50.5	20.4	10.0	4.8	1.5				
10	0.5	1.9	5.7	11.8	24.9	102.5	849.4	5234.2	5234.2	849.4	102.5	24.9	11.8	5.7	1.9	0.5			
0		2.2	6.2	12.5	25.9	116.9	934.6	5764.2	5764.2	934.6	116.9	25.9	12.5	6.2	2.2				
-10	0.7	2.3	6.5	12.4	24.3	70.0	419.5	1010.9	1010.9	419.5	70.0	24.3	12.4	6.5	2.3	0.7			
-20		2.3	6.4	11.8	20.6	35.7	86.7	162.9	162.9	86.7	35.7	20.6	11.8	6.4	2.3				
-30	0.7	2.1	5.9	11.0	17.1	25.3	35.8	42.0	42.0	35.8	25.3	17.1	11.0	5.9	2.1	0.7			
-40		1.8	5.1	9.8	14.9	19.7	24.9	27.6	27.6	24.9	19.7	14.9	9.8	5.1	1.8				
-50	0.6	1.5	4.1	8.3	13.0	17.2	21.1	23.0	23.0	21.1	17.2	13.0	8.3	4.1	1.5	0.6			
-60		1.1	3.0	6.1	10.0	13.7	17.3	19.2	19.2	17.3	13.7	10.0	6.1	3.0	1.1				
-70	0.3	4.5		12.5		23.1		27.9		23.1		12.5		4.5		0.3			
-80		4.5		12.5		23.1		27.9		23.1		12.5		4.5					
-90	0.3	4.5		12.5		23.1		27.9		23.1		12.5		4.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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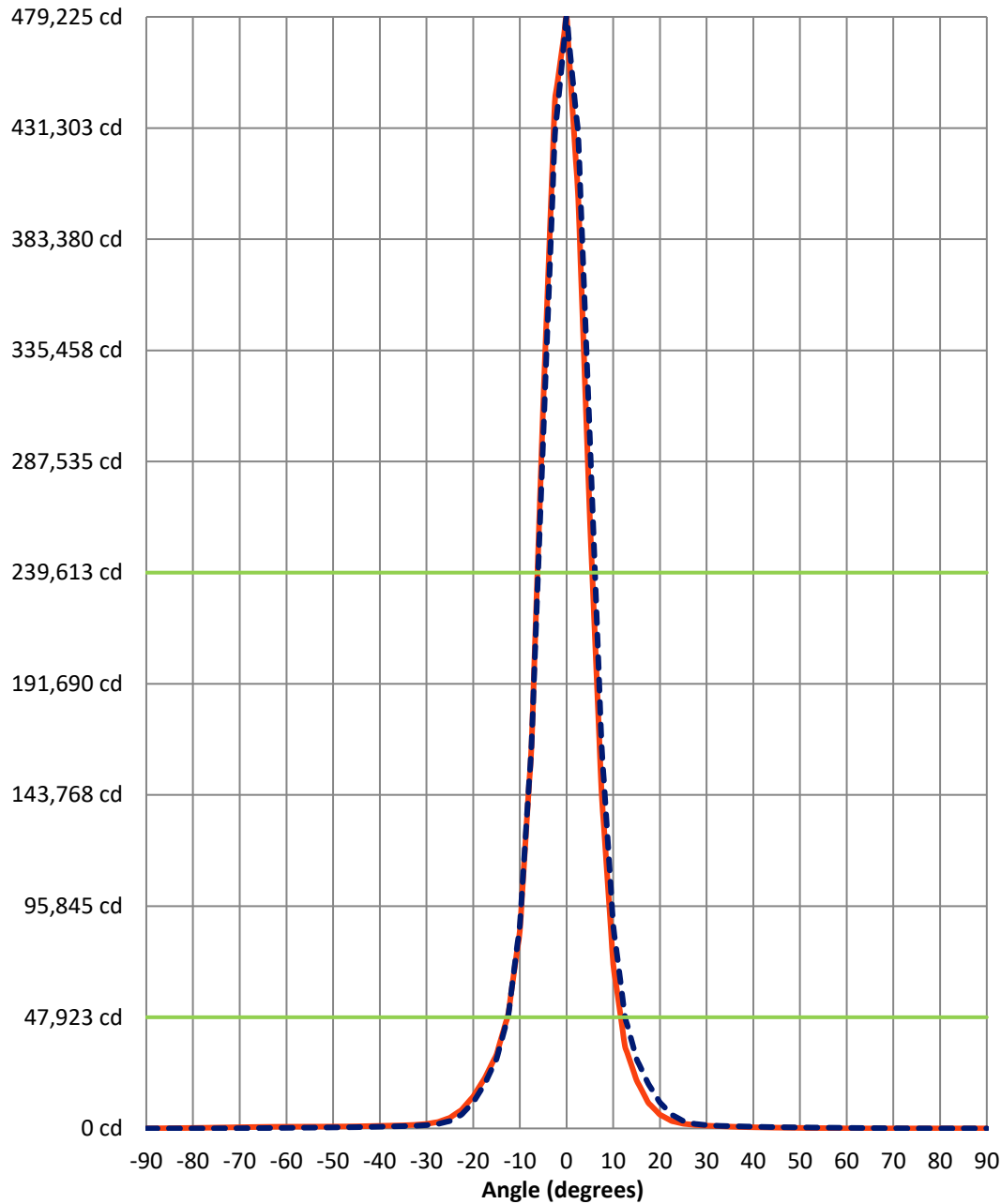
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 10472.2
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 23828.1
Efficiency: 71.2%

Spill:
Lumens: 9646
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	6.0	6.0
85°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	12.0	12.0
82.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
80°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
77.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	12.0
75°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
70°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
67.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
65°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
62.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
60°	12.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	24.0	12.0	24.0
57.5°	96.0	96.0	90.0	84.0	78.0	72.0	72.0	72.0	72.0	72.0	60.0
55°	131.9	131.9	131.9	125.9	125.9	119.9	113.9	107.9	107.9	101.9	96.0
52.5°	155.9	155.9	155.9	155.9	149.9	149.9	149.9	143.9	131.9	131.9	125.9
50°	221.9	215.9	215.9	215.9	215.9	203.9	197.9	185.9	179.9	173.9	167.9
47.5°	287.9	287.9	281.9	281.9	275.9	263.9	251.9	239.9	227.9	221.9	209.9
45°	341.8	341.8	335.8	335.8	329.8	317.8	299.8	281.9	269.9	257.9	245.9
42.5°	419.8	413.8	407.8	401.8	389.8	371.8	347.8	323.8	305.8	287.9	275.9
40°	503.7	503.7	497.8	491.8	473.8	455.8	425.8	395.8	365.8	329.8	311.8
37.5°	605.7	611.7	617.7	617.7	605.7	581.7	539.7	503.7	455.8	407.8	383.8
35°	791.6	791.6	803.6	803.6	785.6	755.6	725.6	647.7	587.7	527.7	473.8
32.5°	995.5	1001.5	977.5	959.5	935.5	899.5	845.6	779.6	713.6	635.7	575.7
30°	1193.4	1193.4	1163.4	1127.4	1079.5	1019.5	953.5	881.6	803.6	725.6	653.7
27.5°	1505.2	1475.3	1451.3	1391.3	1307.3	1193.4	1109.4	995.5	893.6	803.6	725.6
25°	2021.0	2015.0	1961.0	1859.1	1691.2	1511.2	1373.3	1181.4	1025.5	887.6	797.6
22.5°	3214.4	3172.4	3046.5	2794.6	2398.8	2087.0	1805.1	1505.2	1223.4	1037.5	893.6
20°	5943.0	5805.1	5469.3	4773.6	3886.0	3274.4	2572.7	2069.0	1595.2	1247.4	1031.5
17.5°	11088.4	10998.5	10872.5	9265.3	7460.3	6164.9	4587.7	3172.4	2266.9	1631.2	1223.4
15°	20785.6	20119.9	18728.6	16803.6	14278.8	11034.5	8113.9	5121.4	3238.4	2170.9	1553.2
12.5°	35532.2	34794.5	31202.3	26386.7	21847.0	17229.3	12095.9	7784.1	4611.7	2758.6	1841.1
10°	70800.4	65445.1	55388.2	41337.2	32263.8	24059.9	16983.5	10620.7	6003.0	3484.3	2182.9
7.5°	145013.2	127514.0	98260.7	69367.2	44899.5	31556.2	21691.1	13889.0	8000.0	4359.8	2494.7
5°	262830.0	231783.6	174620.3	105145.2	65199.3	39550.1	25739.1	16515.7	9469.2	5073.5	2806.6
2.5°	401324.5	361162.6	252455.2	144581.4	80395.6	45739.0	28569.7	18242.8	10404.8	5559.2	3046.5
0°	479225.3	428071.0	297306.7	165528.9	87634.0	48365.7	29955.0	19280.3	11196.4	5955.0	3202.4
-2.5°	442685.7	401504.4	273228.8	153762.8	83741.9	47214.3	30152.9	19538.2	11328.3	6063.0	3274.4
-5°	312005.3	278206.3	189055.1	113469.0	71052.3	43490.2	28449.7	18566.7	10962.5	5907.0	3244.4
-7.5°	165067.1	149774.8	112119.7	81535.1	51862.0	36809.5	25613.1	16845.5	10015.0	5487.2	3064.5
-10°	85283.2	82146.7	70788.5	53361.2	41966.9	30836.5	21859.0	14404.8	8371.8	4725.6	2758.6
-12.5°	49169.3	48635.6	44983.4	38614.6	32179.8	25331.3	17937.0	11748.1	6986.5	3916.0	2326.8
-15°	31838.0	32065.9	30794.5	28143.9	24479.7	18956.5	13781.1	8737.6	5169.4	3172.4	2051.0
-17.5°	21727.1	21667.1	21073.4	19256.3	16305.8	12803.6	9133.4	6170.9	3916.0	2470.8	1703.1
-20°	13745.1	13769.1	13217.4	11964.0	9793.1	7892.0	5685.1	4161.9	2776.6	1943.0	1505.2



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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°	7976.0	7994.0	7646.2	6938.5	5799.1	4677.7	3694.1	2752.6	2045.0	1619.2	1319.3
-25°	4581.7	4509.7	4371.8	4030.0	3496.2	2884.6	2452.8	1937.0	1637.2	1373.3	1205.4
-27.5°	2776.6	2728.6	2656.7	2506.7	2296.8	1991.0	1793.1	1565.2	1391.3	1235.4	1133.4
-30°	1937.0	1955.0	1895.0	1817.1	1721.1	1583.2	1475.3	1367.3	1253.4	1157.4	1061.5
-32.5°	1541.2	1553.2	1523.2	1493.3	1445.3	1391.3	1325.3	1247.4	1157.4	1067.5	977.5
-35°	1325.3	1331.3	1331.3	1325.3	1313.3	1271.4	1223.4	1151.4	1067.5	983.5	905.5
-37.5°	1217.4	1223.4	1223.4	1217.4	1199.4	1163.4	1115.4	1055.5	977.5	899.5	839.6
-40°	1103.4	1109.4	1103.4	1091.5	1073.5	1037.5	1001.5	953.5	893.6	827.6	773.6
-42.5°	995.5	989.5	983.5	971.5	953.5	929.5	899.5	863.6	821.6	773.6	731.6
-45°	893.6	893.6	887.6	881.6	869.6	851.6	833.6	803.6	773.6	737.6	701.6
-47.5°	839.6	839.6	833.6	827.6	821.6	809.6	791.6	767.6	743.6	713.6	683.7
-50°	803.6	803.6	803.6	797.6	791.6	779.6	761.6	743.6	719.6	689.7	659.7
-52.5°	779.6	779.6	779.6	773.6	767.6	761.6	743.6	719.6	689.7	665.7	641.7
-55°	767.6	761.6	761.6	755.6	749.6	743.6	719.6	695.7	671.7	647.7	623.7
-57.5°	749.6	743.6	743.6	737.6	731.6	725.6	701.6	677.7	653.7	623.7	605.7
-60°	731.6	725.6	725.6	713.6	707.6	701.6	677.7	653.7	629.7	605.7	581.7
-62.5°	707.6	701.6	695.7	689.7	677.7	665.7	647.7	623.7	593.7	569.7	545.7
-65°	653.7	647.7	641.7	635.7	629.7	623.7	605.7	575.7	551.7	527.7	503.7
-67.5°	587.7	587.7	587.7	575.7	569.7	557.7	545.7	521.7	497.8	473.8	455.8
-70°	509.7	509.7	509.7	497.8	491.8	485.8	467.8	449.8	431.8	413.8	389.8
-72.5°	431.8	425.8	425.8	419.8	407.8	401.8	389.8	377.8	359.8	347.8	329.8
-75°	353.8	347.8	347.8	341.8	335.8	329.8	317.8	311.8	299.8	287.9	269.9
-77.5°	281.9	281.9	281.9	275.9	269.9	263.9	257.9	251.9	245.9	233.9	221.9
-80°	215.9	215.9	215.9	215.9	215.9	215.9	215.9	209.9	197.9	191.9	185.9
-82.5°	155.9	161.9	161.9	161.9	161.9	161.9	161.9	161.9	155.9	149.9	143.9
-85°	101.9	107.9	107.9	113.9	119.9	119.9	125.9	119.9	113.9	101.9	96.0
-87.5°	54.0	54.0	54.0	54.0	54.0	54.0	54.0	48.0	48.0	48.0	42.0
-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°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
85°	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0	24.0	24.0	24.0
82.5°	12.0	18.0	18.0	18.0	24.0	24.0	30.0	36.0	48.0	54.0	54.0
80°	12.0	18.0	18.0	18.0	24.0	24.0	30.0	30.0	36.0	42.0	54.0
77.5°	12.0	12.0	18.0	18.0	18.0	24.0	24.0	30.0	30.0	36.0	42.0
75°	6.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	30.0	30.0	36.0
72.5°	6.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	24.0	30.0	30.0
70°	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0	24.0	24.0
67.5°	6.0	6.0	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0
65°	6.0	6.0	6.0	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0
62.5°	6.0	6.0	6.0	12.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0
60°	24.0	24.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
57.5°	54.0	54.0	48.0	42.0	36.0	36.0	30.0	24.0	24.0	18.0	18.0
55°	90.0	84.0	78.0	66.0	60.0	54.0	48.0	36.0	30.0	24.0	18.0
52.5°	113.9	107.9	101.9	96.0	84.0	72.0	66.0	60.0	48.0	36.0	30.0
50°	167.9	149.9	137.9	125.9	113.9	101.9	90.0	84.0	66.0	54.0	42.0
47.5°	203.9	191.9	173.9	161.9	149.9	131.9	113.9	101.9	90.0	72.0	54.0
45°	233.9	221.9	203.9	191.9	179.9	161.9	143.9	125.9	113.9	96.0	72.0
42.5°	263.9	251.9	233.9	221.9	203.9	185.9	167.9	149.9	131.9	119.9	96.0
40°	305.8	287.9	263.9	251.9	239.9	215.9	191.9	173.9	155.9	137.9	113.9
37.5°	359.8	341.8	311.8	287.9	269.9	251.9	227.9	203.9	185.9	161.9	137.9
35°	443.8	413.8	371.8	335.8	311.8	287.9	257.9	233.9	209.9	185.9	161.9
32.5°	527.7	479.8	425.8	383.8	347.8	317.8	287.9	263.9	233.9	203.9	179.9
30°	593.7	539.7	485.8	425.8	383.8	347.8	317.8	287.9	257.9	227.9	197.9
27.5°	659.7	599.7	539.7	479.8	419.8	371.8	341.8	311.8	281.9	251.9	215.9
25°	725.6	659.7	599.7	533.7	461.8	407.8	365.8	341.8	311.8	275.9	233.9
22.5°	785.6	725.6	665.7	593.7	509.7	437.8	395.8	365.8	335.8	293.9	257.9
20°	899.5	821.6	749.6	659.7	563.7	491.8	437.8	395.8	359.8	317.8	275.9
17.5°	1049.5	935.5	839.6	737.6	641.7	551.7	473.8	425.8	389.8	341.8	293.9
15°	1241.4	1043.5	923.5	821.6	707.6	605.7	521.7	455.8	407.8	359.8	317.8
12.5°	1385.3	1127.4	995.5	899.5	779.6	665.7	557.7	479.8	425.8	377.8	329.8
10°	1547.2	1217.4	1055.5	947.5	821.6	695.7	581.7	497.8	437.8	395.8	347.8
7.5°	1679.2	1289.4	1085.5	965.5	845.6	719.6	605.7	515.7	455.8	407.8	359.8
5°	1799.1	1349.3	1109.4	971.5	857.6	737.6	617.7	527.7	467.8	419.8	371.8
2.5°	1883.1	1403.3	1133.4	983.5	869.6	749.6	635.7	539.7	479.8	431.8	383.8
0°	1955.0	1421.3	1127.4	983.5	875.6	749.6	641.7	545.7	485.8	437.8	389.8
-2.5°	1979.0	1451.3	1157.4	995.5	887.6	761.6	653.7	551.7	491.8	443.8	401.8
-5°	1979.0	1427.3	1157.4	1007.5	893.6	767.6	653.7	557.7	497.8	449.8	401.8
-7.5°	1907.0	1391.3	1151.4	1019.5	899.5	773.6	653.7	563.7	503.7	455.8	407.8
-10°	1781.1	1337.3	1145.4	1025.5	899.5	767.6	653.7	563.7	503.7	455.8	413.8
-12.5°	1577.2	1265.4	1115.4	1013.5	887.6	755.6	647.7	563.7	503.7	461.8	413.8
-15°	1475.3	1205.4	1079.5	977.5	857.6	737.6	635.7	557.7	503.7	461.8	419.8
-17.5°	1337.3	1157.4	1043.5	941.5	833.6	719.6	623.7	557.7	503.7	455.8	419.8
-20°	1241.4	1103.4	1001.5	911.5	803.6	701.6	617.7	551.7	503.7	455.8	419.8



REPORT NUMBER: P724236
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	1157.4	1043.5	953.5	863.6	767.6	677.7	605.7	545.7	497.8	455.8	419.8
-25°	1091.5	989.5	905.5	821.6	737.6	659.7	593.7	539.7	491.8	455.8	413.8
-27.5°	1031.5	935.5	857.6	779.6	701.6	641.7	581.7	533.7	491.8	449.8	407.8
-30°	965.5	887.6	809.6	737.6	683.7	623.7	569.7	521.7	485.8	443.8	401.8
-32.5°	899.5	827.6	761.6	707.6	659.7	611.7	563.7	515.7	473.8	431.8	389.8
-35°	839.6	773.6	725.6	677.7	641.7	599.7	551.7	503.7	467.8	425.8	389.8
-37.5°	779.6	731.6	689.7	653.7	617.7	581.7	533.7	491.8	455.8	413.8	371.8
-40°	731.6	695.7	665.7	635.7	599.7	557.7	521.7	479.8	443.8	401.8	353.8
-42.5°	701.6	671.7	641.7	611.7	581.7	545.7	509.7	467.8	431.8	389.8	341.8
-45°	671.7	647.7	623.7	599.7	569.7	533.7	491.8	449.8	413.8	371.8	335.8
-47.5°	653.7	629.7	605.7	587.7	563.7	515.7	479.8	437.8	395.8	359.8	317.8
-50°	635.7	611.7	593.7	569.7	539.7	497.8	461.8	419.8	383.8	341.8	305.8
-52.5°	617.7	593.7	569.7	545.7	515.7	479.8	443.8	407.8	365.8	323.8	287.9
-55°	599.7	575.7	551.7	527.7	497.8	467.8	431.8	383.8	341.8	299.8	263.9
-57.5°	581.7	563.7	533.7	503.7	473.8	443.8	401.8	359.8	317.8	275.9	245.9
-60°	557.7	533.7	509.7	473.8	443.8	407.8	371.8	335.8	293.9	257.9	227.9
-62.5°	521.7	497.8	473.8	437.8	407.8	377.8	347.8	305.8	275.9	239.9	209.9
-65°	479.8	455.8	431.8	401.8	371.8	341.8	317.8	281.9	251.9	221.9	197.9
-67.5°	431.8	407.8	389.8	359.8	335.8	305.8	281.9	251.9	221.9	197.9	173.9
-70°	371.8	353.8	335.8	311.8	287.9	263.9	239.9	215.9	191.9	173.9	149.9
-72.5°	317.8	299.8	281.9	263.9	245.9	221.9	203.9	185.9	167.9	149.9	137.9
-75°	257.9	245.9	233.9	221.9	203.9	185.9	173.9	155.9	143.9	131.9	125.9
-77.5°	215.9	203.9	191.9	179.9	167.9	155.9	143.9	131.9	125.9	119.9	113.9
-80°	173.9	167.9	161.9	149.9	143.9	131.9	125.9	113.9	113.9	113.9	113.9
-82.5°	137.9	131.9	125.9	119.9	113.9	107.9	107.9	101.9	107.9	107.9	101.9
-85°	96.0	90.0	84.0	84.0	78.0	78.0	72.0	72.0	72.0	66.0	66.0
-87.5°	42.0	42.0	42.0	42.0	36.0	36.0	36.0	36.0	36.0	30.0	30.0
-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: P724236
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	12.0	12.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0
85°	24.0	24.0	18.0	18.0	18.0	12.0	12.0	6.0	6.0	6.0	6.0
82.5°	54.0	48.0	42.0	36.0	30.0	24.0	18.0	12.0	12.0	6.0	6.0
80°	66.0	66.0	66.0	60.0	48.0	36.0	24.0	18.0	12.0	6.0	6.0
77.5°	48.0	48.0	54.0	60.0	60.0	48.0	30.0	18.0	12.0	12.0	6.0
75°	36.0	36.0	36.0	42.0	48.0	48.0	36.0	24.0	12.0	12.0	6.0
72.5°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	24.0	18.0	12.0	12.0
70°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	24.0	18.0	12.0	12.0
67.5°	24.0	24.0	30.0	30.0	30.0	24.0	24.0	24.0	18.0	12.0	12.0
65°	18.0	24.0	24.0	30.0	24.0	24.0	24.0	18.0	18.0	12.0	12.0
62.5°	18.0	18.0	24.0	24.0	24.0	24.0	18.0	18.0	18.0	12.0	12.0
60°	18.0	18.0	18.0	24.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0
57.5°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0
55°	18.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0
52.5°	24.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0
50°	30.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0	12.0
47.5°	42.0	30.0	24.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0	6.0
45°	60.0	42.0	30.0	24.0	18.0	12.0	12.0	12.0	12.0	12.0	6.0
42.5°	72.0	54.0	36.0	30.0	24.0	18.0	12.0	12.0	12.0	6.0	6.0
40°	90.0	72.0	48.0	36.0	24.0	18.0	12.0	12.0	12.0	6.0	6.0
37.5°	113.9	90.0	60.0	42.0	30.0	18.0	18.0	12.0	12.0	6.0	6.0
35°	131.9	101.9	78.0	48.0	36.0	24.0	18.0	12.0	12.0	6.0	6.0
32.5°	149.9	119.9	96.0	60.0	42.0	30.0	24.0	12.0	12.0	6.0	6.0
30°	167.9	137.9	107.9	78.0	54.0	36.0	24.0	12.0	12.0	6.0	6.0
27.5°	185.9	149.9	119.9	90.0	60.0	42.0	30.0	18.0	12.0	6.0	6.0
25°	203.9	167.9	131.9	101.9	66.0	48.0	30.0	18.0	12.0	12.0	6.0
22.5°	215.9	185.9	149.9	113.9	78.0	54.0	36.0	24.0	12.0	12.0	6.0
20°	233.9	203.9	161.9	125.9	90.0	60.0	36.0	24.0	12.0	12.0	6.0
17.5°	251.9	215.9	173.9	137.9	101.9	66.0	42.0	30.0	12.0	12.0	6.0
15°	269.9	227.9	185.9	143.9	107.9	72.0	42.0	30.0	12.0	12.0	6.0
12.5°	287.9	245.9	197.9	155.9	113.9	78.0	48.0	36.0	18.0	12.0	6.0
10°	299.8	257.9	209.9	161.9	119.9	90.0	54.0	36.0	18.0	12.0	6.0
7.5°	317.8	269.9	221.9	173.9	125.9	96.0	60.0	36.0	18.0	12.0	6.0
5°	323.8	281.9	227.9	185.9	131.9	101.9	66.0	42.0	18.0	12.0	6.0
2.5°	329.8	293.9	233.9	191.9	137.9	101.9	66.0	42.0	24.0	12.0	6.0
0°	335.8	299.8	239.9	197.9	143.9	107.9	72.0	42.0	24.0	12.0	6.0
-2.5°	341.8	305.8	251.9	203.9	149.9	113.9	78.0	42.0	24.0	12.0	6.0
-5°	347.8	305.8	263.9	209.9	155.9	113.9	78.0	48.0	30.0	12.0	6.0
-7.5°	353.8	311.8	269.9	215.9	161.9	113.9	84.0	48.0	30.0	18.0	6.0
-10°	359.8	317.8	275.9	221.9	161.9	119.9	84.0	48.0	30.0	18.0	6.0
-12.5°	365.8	323.8	275.9	221.9	167.9	119.9	84.0	54.0	30.0	18.0	6.0
-15°	371.8	323.8	275.9	221.9	167.9	125.9	90.0	54.0	30.0	18.0	12.0
-17.5°	371.8	323.8	275.9	227.9	167.9	125.9	90.0	54.0	30.0	18.0	12.0
-20°	371.8	323.8	275.9	227.9	167.9	125.9	90.0	54.0	30.0	18.0	12.0



REPORT NUMBER: P724236

CATALOG NUMBER: IFLD-L-SA7D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	365.8	317.8	275.9	221.9	167.9	125.9	90.0	54.0	36.0	18.0	12.0
-25°	365.8	317.8	275.9	221.9	167.9	125.9	84.0	54.0	36.0	18.0	12.0
-27.5°	359.8	317.8	269.9	215.9	161.9	119.9	84.0	54.0	36.0	18.0	12.0
-30°	353.8	311.8	263.9	209.9	161.9	119.9	84.0	54.0	36.0	18.0	12.0
-32.5°	347.8	299.8	257.9	203.9	155.9	113.9	84.0	54.0	36.0	18.0	12.0
-35°	335.8	293.9	245.9	197.9	149.9	113.9	78.0	54.0	36.0	24.0	12.0
-37.5°	323.8	281.9	239.9	191.9	143.9	107.9	78.0	54.0	36.0	24.0	12.0
-40°	311.8	275.9	227.9	179.9	137.9	101.9	78.0	54.0	36.0	24.0	18.0
-42.5°	299.8	263.9	221.9	173.9	137.9	101.9	72.0	54.0	36.0	24.0	18.0
-45°	293.9	257.9	209.9	167.9	131.9	101.9	72.0	48.0	36.0	24.0	18.0
-47.5°	281.9	239.9	197.9	161.9	125.9	96.0	66.0	48.0	36.0	24.0	18.0
-50°	263.9	227.9	191.9	155.9	119.9	90.0	66.0	48.0	36.0	24.0	18.0
-52.5°	245.9	209.9	179.9	143.9	113.9	90.0	66.0	48.0	36.0	24.0	18.0
-55°	227.9	197.9	167.9	137.9	107.9	84.0	60.0	48.0	36.0	24.0	18.0
-57.5°	215.9	185.9	155.9	125.9	101.9	78.0	60.0	42.0	30.0	24.0	18.0
-60°	203.9	173.9	143.9	119.9	96.0	78.0	60.0	42.0	30.0	24.0	12.0
-62.5°	185.9	161.9	131.9	113.9	90.0	72.0	54.0	42.0	30.0	24.0	12.0
-65°	167.9	143.9	119.9	101.9	84.0	66.0	54.0	42.0	30.0	24.0	12.0
-67.5°	149.9	131.9	113.9	96.0	78.0	66.0	54.0	42.0	30.0	18.0	12.0
-70°	137.9	119.9	101.9	90.0	78.0	60.0	54.0	42.0	30.0	18.0	12.0
-72.5°	119.9	107.9	96.0	84.0	72.0	66.0	54.0	42.0	24.0	18.0	12.0
-75°	113.9	101.9	90.0	84.0	78.0	66.0	54.0	36.0	24.0	18.0	12.0
-77.5°	113.9	101.9	96.0	90.0	78.0	66.0	48.0	30.0	18.0	18.0	12.0
-80°	113.9	107.9	101.9	84.0	72.0	54.0	36.0	30.0	18.0	12.0	6.0
-82.5°	101.9	84.0	72.0	60.0	54.0	42.0	30.0	24.0	12.0	12.0	6.0
-85°	66.0	54.0	48.0	42.0	36.0	30.0	18.0	12.0	12.0	6.0	6.0
-87.5°	30.0	30.0	24.0	18.0	18.0	12.0	12.0	6.0	6.0	6.0	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: P724236
 CATALOG NUMBER: IFLD-L-SA7D-827-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°	6.0	0.0	0.0	0.0
77.5°	6.0	0.0	0.0	0.0
75°	6.0	6.0	0.0	0.0
72.5°	6.0	6.0	0.0	0.0
70°	6.0	6.0	0.0	0.0
67.5°	6.0	6.0	0.0	0.0
65°	6.0	6.0	0.0	0.0
62.5°	6.0	6.0	0.0	0.0
60°	6.0	6.0	0.0	0.0
57.5°	6.0	6.0	6.0	0.0
55°	6.0	6.0	6.0	0.0
52.5°	6.0	6.0	6.0	0.0
50°	6.0	6.0	6.0	0.0
47.5°	6.0	6.0	6.0	0.0
45°	6.0	6.0	6.0	0.0
42.5°	6.0	6.0	6.0	0.0
40°	6.0	6.0	6.0	0.0
37.5°	6.0	6.0	6.0	0.0
35°	6.0	6.0	6.0	0.0
32.5°	6.0	6.0	6.0	0.0
30°	6.0	6.0	6.0	0.0
27.5°	6.0	6.0	6.0	0.0
25°	6.0	6.0	6.0	0.0
22.5°	6.0	6.0	6.0	0.0
20°	6.0	6.0	6.0	0.0
17.5°	6.0	6.0	6.0	0.0
15°	6.0	6.0	6.0	0.0
12.5°	6.0	6.0	6.0	0.0
10°	6.0	6.0	6.0	0.0
7.5°	6.0	6.0	6.0	0.0
5°	6.0	6.0	6.0	0.0
2.5°	6.0	6.0	6.0	0.0
0°	6.0	6.0	6.0	0.0
-2.5°	6.0	6.0	6.0	0.0
-5°	6.0	6.0	6.0	0.0
-7.5°	6.0	6.0	6.0	0.0
-10°	6.0	6.0	6.0	0.0
-12.5°	6.0	6.0	6.0	0.0
-15°	6.0	6.0	6.0	0.0
-17.5°	6.0	6.0	6.0	0.0
-20°	6.0	6.0	6.0	0.0



REPORT NUMBER: P724236
CATALOG NUMBER: IFLD-L-SA7D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.0	6.0	6.0	0.0
-25°	6.0	6.0	6.0	0.0
-27.5°	6.0	6.0	6.0	0.0
-30°	6.0	6.0	6.0	0.0
-32.5°	6.0	6.0	6.0	0.0
-35°	6.0	6.0	6.0	0.0
-37.5°	6.0	6.0	6.0	0.0
-40°	6.0	6.0	6.0	0.0
-42.5°	6.0	6.0	6.0	0.0
-45°	6.0	6.0	6.0	0.0
-47.5°	6.0	6.0	6.0	0.0
-50°	6.0	6.0	6.0	0.0
-52.5°	6.0	6.0	6.0	0.0
-55°	6.0	6.0	6.0	0.0
-57.5°	6.0	6.0	6.0	0.0
-60°	6.0	6.0	0.0	0.0
-62.5°	6.0	6.0	0.0	0.0
-65°	6.0	6.0	0.0	0.0
-67.5°	6.0	6.0	0.0	0.0
-70°	6.0	6.0	0.0	0.0
-72.5°	6.0	6.0	0.0	0.0
-75°	6.0	6.0	0.0	0.0
-77.5°	6.0	0.0	0.0	0.0
-80°	6.0	0.0	0.0	0.0
-82.5°	6.0	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)