

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: P724032

Luminaire Tested: **IFLD-L-SA7C-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724032
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

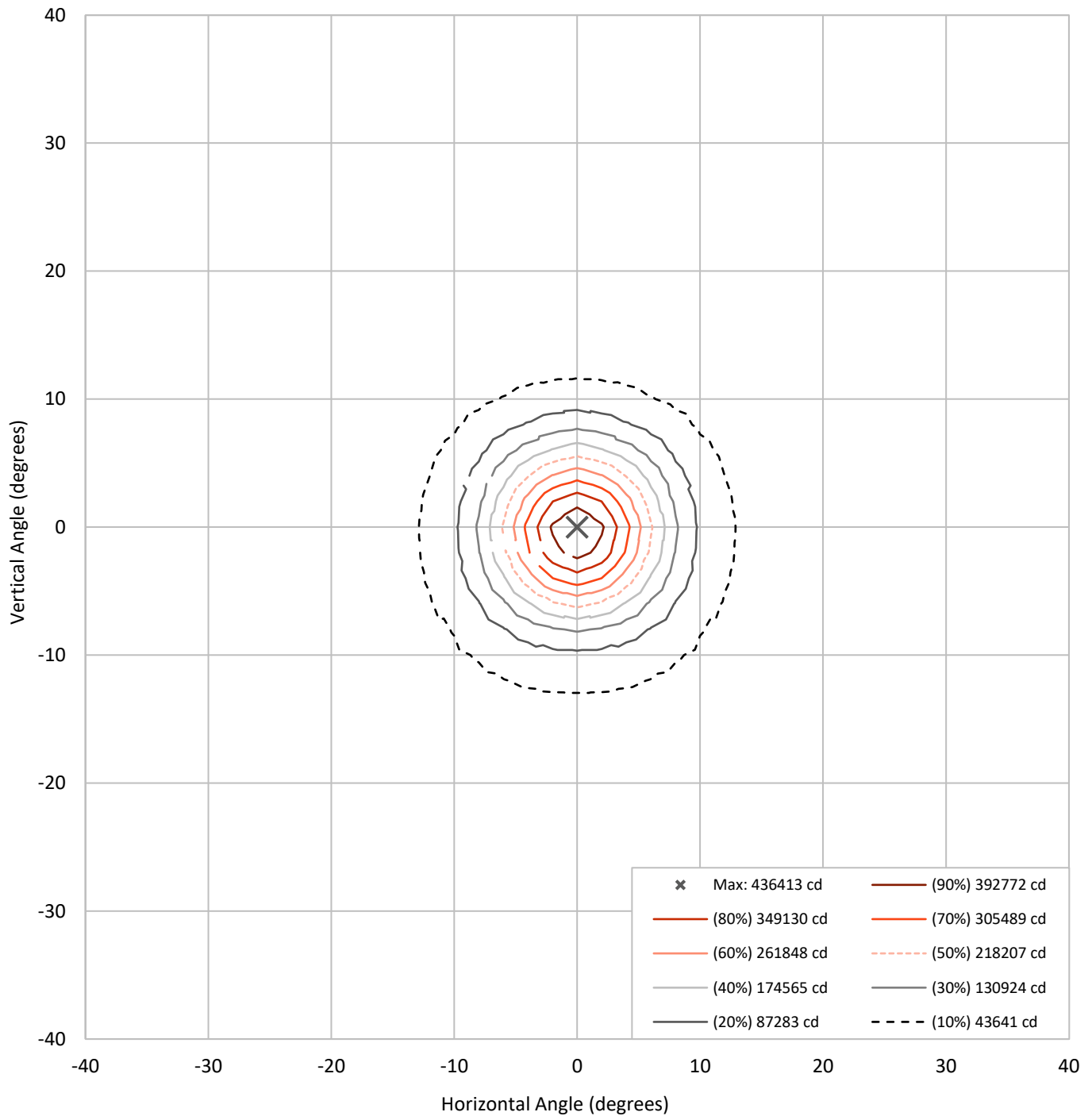
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	30483.7 lumens	Max Intensity:	436413 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9536.7 lumens	Field Lumens:	21699.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 369
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





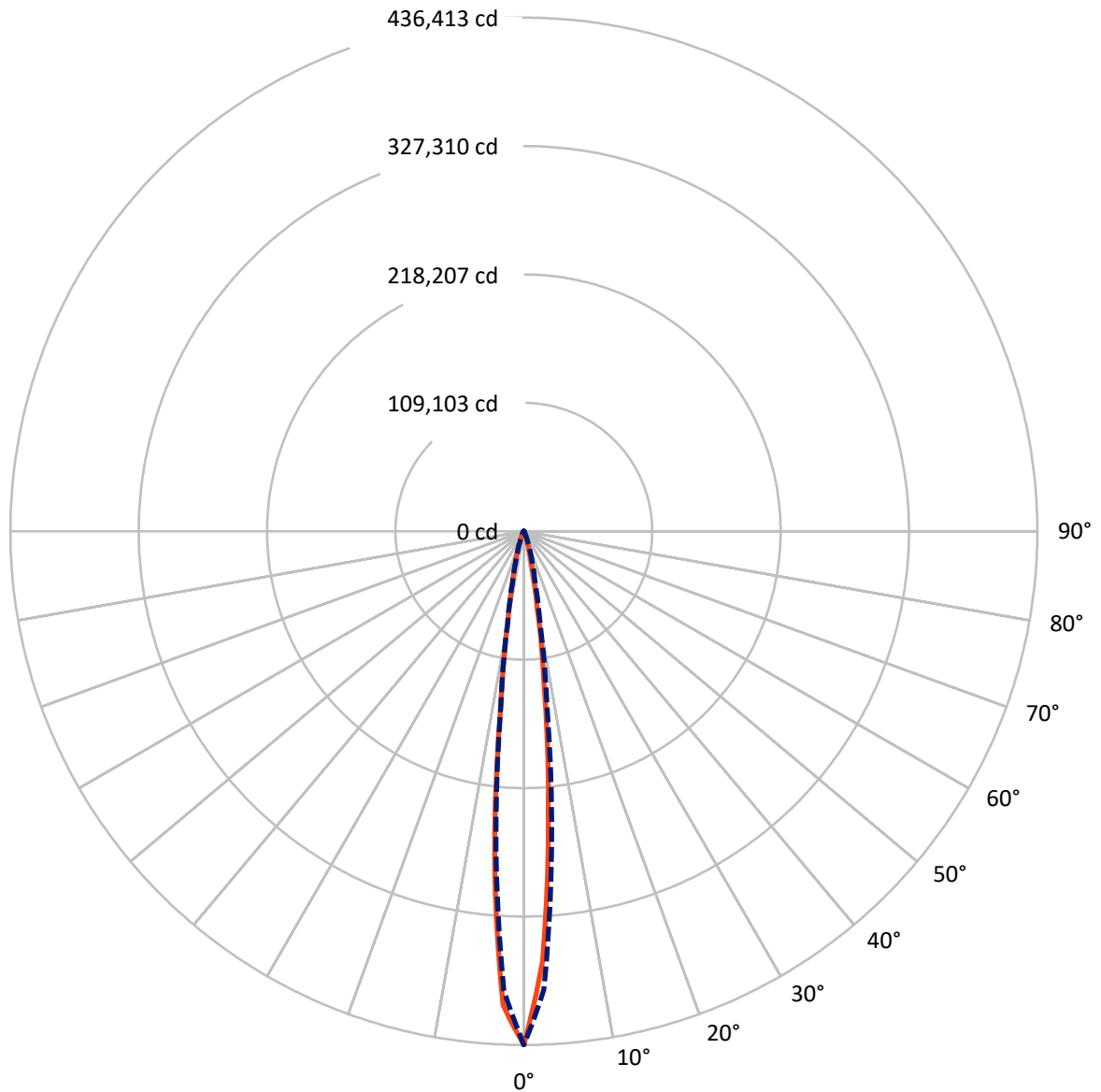
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Lumen Table

90	0.2	1.8	1.6	0.7	0.1	0.7	1.6	1.8	0.2							
80	0.2	1.8	1.6	0.7	0.1	0.7	1.6	1.8	0.2							
70	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2
60		0.2	0.3	0.8	1.6	2.4	3.0	3.4	3.4	3.0	2.4	1.6	0.8	0.3	0.2	
50	0.2	0.2	1.0	2.5	4.3	6.1	8.1	9.5	9.5	8.1	6.1	4.3	2.5	1.0	0.2	0.2
40		0.5	2.1	4.6	7.8	12.3	18.5	22.2	22.2	18.5	12.3	7.8	4.6	2.1	0.5	
30	0.3	0.9	3.3	6.7	12.2	21.1	40.7	65.6	65.6	40.7	21.1	12.2	6.7	3.3	0.9	0.3
20		1.3	4.4	9.1	18.6	46.0	240.2	607.6	607.6	240.2	46.0	18.6	9.1	4.4	1.3	
10	0.5	1.7	5.2	10.8	22.6	93.4	773.5	4766.6	4766.6	773.5	93.4	22.6	10.8	5.2	1.7	0.5
0		2.0	5.7	11.4	23.6	106.4	851.2	5249.3	5249.3	851.2	106.4	23.6	11.4	5.7	2.0	
-10	0.6	2.1	5.9	11.3	22.1	63.8	382.0	920.6	920.6	382.0	63.8	22.1	11.3	5.9	2.1	0.6
-20		2.1	5.8	10.7	18.7	32.5	78.9	148.3	148.3	78.9	32.5	18.7	10.7	5.8	2.1	
-30	0.6	1.9	5.4	10.0	15.6	23.0	32.6	38.3	38.3	32.6	23.0	15.6	10.0	5.4	1.9	0.6
-40		1.6	4.7	8.9	13.6	17.9	22.7	25.2	25.2	22.7	17.9	13.6	8.9	4.7	1.6	
-50	0.6	1.3	3.7	7.5	11.9	15.7	19.2	21.0	21.0	19.2	15.7	11.9	7.5	3.7	1.3	0.6
-60		1.0	2.7	5.5	9.1	12.5	15.7	17.5	17.5	15.7	12.5	9.1	5.5	2.7	1.0	
-70	0.6	1.3	3.7	7.5	11.9	15.7	19.2	21.0	21.0	19.2	15.7	11.9	7.5	3.7	1.3	0.6
-80		1.0	2.7	5.5	9.1	12.5	15.7	17.5	17.5	15.7	12.5	9.1	5.5	2.7	1.0	
-90	0.3	4.1	11.4	21.1	25.4	21.1	11.4	4.1	0.3							

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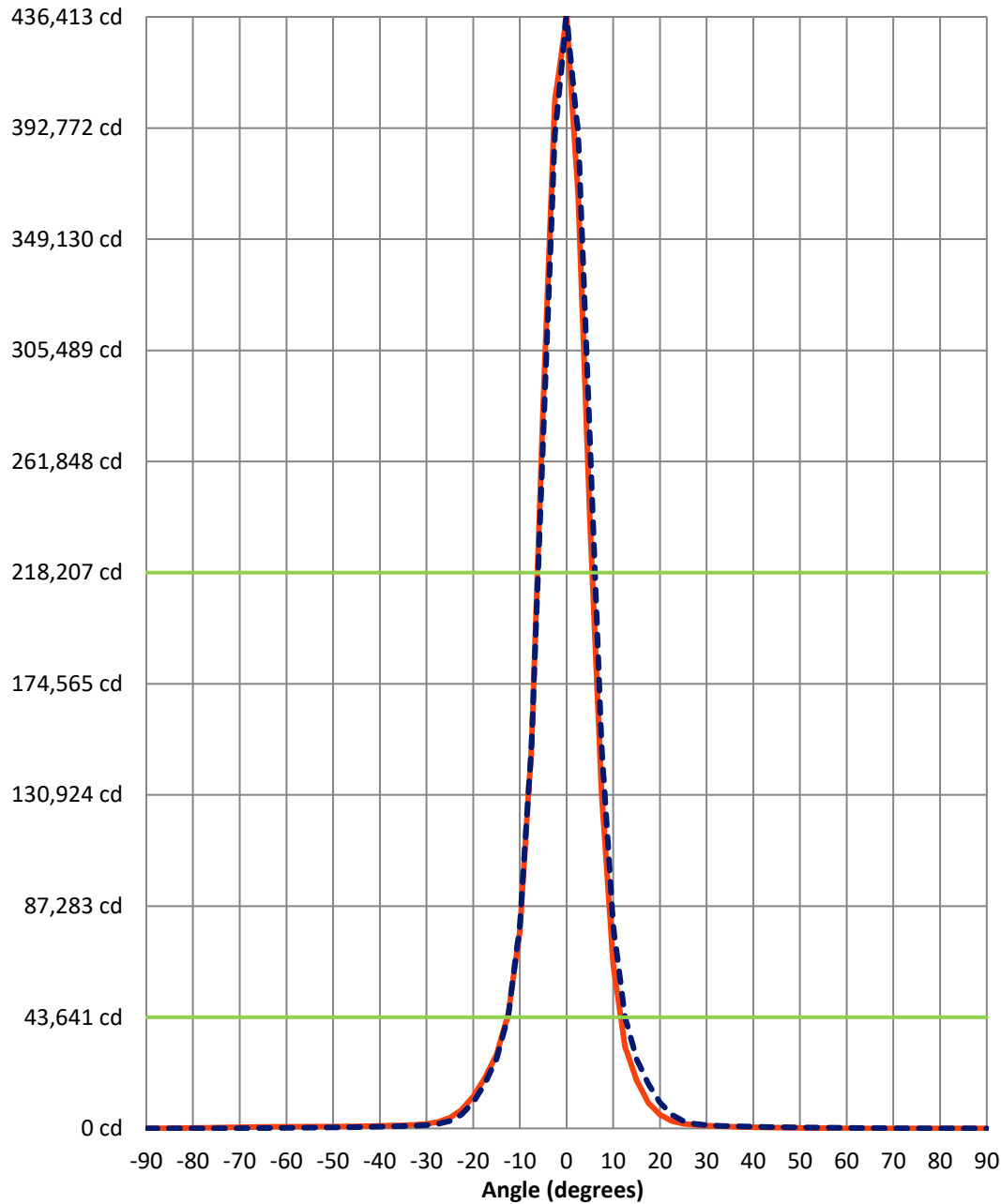
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 9536.7
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 21699.4
 Efficiency: 71.2%

Spill:
 Lumens: 8784.3
 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	5.5	5.5
85°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	10.9	10.9
82.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	10.9	10.9	10.9
80°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	10.9	10.9	10.9
77.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	10.9
75°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
70°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
67.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
65°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
62.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
60°	10.9	10.9	10.9	10.9	16.4	16.4	21.8	21.8	21.8	10.9	21.8
57.5°	87.4	87.4	81.9	76.5	71.0	65.5	65.5	65.5	65.5	65.5	54.6
55°	120.1	120.1	120.1	114.7	114.7	109.2	103.8	98.3	98.3	92.8	87.4
52.5°	142.0	142.0	142.0	142.0	136.5	136.5	136.5	131.1	120.1	120.1	114.7
50°	202.1	196.6	196.6	196.6	196.6	185.7	180.2	169.3	163.8	158.4	152.9
47.5°	262.1	262.1	256.7	256.7	251.2	240.3	229.4	218.4	207.5	202.1	191.1
45°	311.3	311.3	305.8	305.8	300.4	289.4	273.1	256.7	245.8	234.8	223.9
42.5°	382.3	376.8	371.4	365.9	355.0	338.6	316.8	294.9	278.5	262.1	251.2
40°	458.7	458.7	453.3	447.8	431.4	415.1	387.7	360.4	333.1	300.4	284.0
37.5°	551.6	557.0	562.5	562.5	551.6	529.7	491.5	458.7	415.1	371.4	349.5
35°	720.9	720.9	731.8	731.8	715.4	688.1	660.8	589.8	535.2	480.6	431.4
32.5°	906.6	912.0	890.2	873.8	852.0	819.2	770.0	710.0	649.9	578.9	524.3
30°	1086.8	1086.8	1059.5	1026.7	983.0	928.4	868.3	802.8	731.8	660.8	595.3
27.5°	1370.8	1343.5	1321.6	1267.0	1190.5	1086.8	1010.3	906.6	813.7	731.8	660.8
25°	1840.4	1835.0	1785.8	1693.0	1540.1	1376.2	1250.6	1075.9	933.9	808.3	726.3
22.5°	2927.2	2889.0	2774.3	2544.9	2184.5	1900.5	1643.8	1370.8	1114.1	944.8	813.7
20°	5412.1	5286.5	4980.6	4347.1	3538.9	2981.8	2342.9	1884.1	1452.7	1135.9	939.3
17.5°	10097.8	10015.9	9901.2	8437.6	6793.8	5614.2	4177.8	2889.0	2064.3	1485.5	1114.1
15°	18928.7	18322.5	17055.4	15302.4	13003.2	10048.7	7389.1	4663.9	2949.1	1977.0	1414.5
12.5°	32357.8	31686.1	28414.8	24029.4	19895.3	15690.1	11015.3	7088.7	4199.7	2512.2	1676.6
10°	64475.4	59598.5	50440.0	37644.3	29381.5	21910.5	15466.2	9671.9	5466.7	3173.0	1987.9
7.5°	132058.2	116122.3	89482.4	63170.1	40888.3	28737.0	19753.3	12648.2	7285.3	3970.3	2271.9
5°	239349.7	211076.8	159020.3	95751.9	59374.6	36016.9	23439.6	15040.2	8623.3	4620.2	2555.9
2.5°	365471.5	328897.6	229901.7	131665.0	73213.4	41652.9	26017.3	16613.1	9475.2	5062.6	2774.3
0°	436413.0	389828.6	270746.3	150741.1	79805.1	44044.9	27278.9	17557.9	10196.1	5423.0	2916.3
-2.5°	403137.7	365635.3	248819.5	140026.1	76260.7	42996.3	27459.1	17792.7	10316.3	5521.3	2981.8
-5°	284131.8	253352.3	172165.5	103332.1	64704.7	39604.9	25908.1	16908.0	9983.1	5379.3	2954.5
-7.5°	150320.6	136394.4	102103.3	74251.0	47228.8	33521.1	23324.9	15340.6	9120.3	4997.0	2790.7
-10°	77664.3	74808.0	64464.5	48594.1	38217.7	28081.7	19906.2	13117.9	7623.9	4303.5	2512.2
-12.5°	44776.7	44290.6	40964.7	35164.9	29305.0	23068.3	16334.6	10698.6	6362.3	3566.2	2119.0
-15°	28993.7	29201.2	28043.5	25629.6	22292.8	17263.0	12549.9	7957.0	4707.6	2889.0	1867.7
-17.5°	19786.1	19731.5	19190.8	17536.0	14849.1	11659.7	8317.5	5619.6	3566.2	2250.0	1551.0
-20°	12517.2	12539.0	12036.6	10895.2	8918.2	7187.0	5177.3	3790.1	2528.6	1769.4	1370.8



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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°	7263.4	7279.8	6963.1	6318.7	5281.0	4259.8	3364.1	2506.7	1862.3	1474.5	1201.5
-25°	4172.4	4106.9	3981.2	3670.0	3183.9	2626.9	2233.6	1764.0	1490.9	1250.6	1097.7
-27.5°	2528.6	2484.9	2419.3	2282.8	2091.7	1813.1	1632.9	1425.4	1267.0	1125.0	1032.2
-30°	1764.0	1780.4	1725.8	1654.8	1567.4	1441.8	1343.5	1245.2	1141.4	1054.0	966.6
-32.5°	1403.5	1414.5	1387.2	1359.8	1316.2	1267.0	1206.9	1135.9	1054.0	972.1	890.2
-35°	1206.9	1212.4	1212.4	1206.9	1196.0	1157.8	1114.1	1048.6	972.1	895.6	824.6
-37.5°	1108.6	1114.1	1114.1	1108.6	1092.2	1059.5	1015.8	961.2	890.2	819.2	764.6
-40°	1004.9	1010.3	1004.9	993.9	977.6	944.8	912.0	868.3	813.7	753.7	704.5
-42.5°	906.6	901.1	895.6	884.7	868.3	846.5	819.2	786.4	748.2	704.5	666.3
-45°	813.7	813.7	808.3	802.8	791.9	775.5	759.1	731.8	704.5	671.7	639.0
-47.5°	764.6	764.6	759.1	753.7	748.2	737.3	720.9	699.0	677.2	649.9	622.6
-50°	731.8	731.8	731.8	726.3	720.9	710.0	693.6	677.2	655.3	628.0	600.7
-52.5°	710.0	710.0	710.0	704.5	699.0	693.6	677.2	655.3	628.0	606.2	584.4
-55°	699.0	693.6	693.6	688.1	682.7	677.2	655.3	633.5	611.7	589.8	568.0
-57.5°	682.7	677.2	677.2	671.7	666.3	660.8	639.0	617.1	595.3	568.0	551.6
-60°	666.3	660.8	660.8	649.9	644.4	639.0	617.1	595.3	573.4	551.6	529.7
-62.5°	644.4	639.0	633.5	628.0	617.1	606.2	589.8	568.0	540.7	518.8	497.0
-65°	595.3	589.8	584.4	578.9	573.4	568.0	551.6	524.3	502.4	480.6	458.7
-67.5°	535.2	535.2	535.2	524.3	518.8	507.9	497.0	475.1	453.3	431.4	415.1
-70°	464.2	464.2	464.2	453.3	447.8	442.4	426.0	409.6	393.2	376.8	355.0
-72.5°	393.2	387.7	387.7	382.3	371.4	365.9	355.0	344.1	327.7	316.8	300.4
-75°	322.2	316.8	316.8	311.3	305.8	300.4	289.4	284.0	273.1	262.1	245.8
-77.5°	256.7	256.7	256.7	251.2	245.8	240.3	234.8	229.4	223.9	213.0	202.1
-80°	196.6	196.6	196.6	196.6	196.6	196.6	196.6	191.1	180.2	174.8	169.3
-82.5°	142.0	147.5	147.5	147.5	147.5	147.5	147.5	147.5	142.0	136.5	131.1
-85°	92.8	98.3	98.3	103.8	109.2	109.2	114.7	109.2	103.8	92.8	87.4
-87.5°	49.2	49.2	49.2	49.2	49.2	49.2	49.2	43.7	43.7	43.7	38.2
-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	10.9	10.9	10.9
85°	10.9	10.9	10.9	10.9	16.4	16.4	16.4	21.8	21.8	21.8	21.8
82.5°	10.9	16.4	16.4	16.4	21.8	21.8	27.3	32.8	43.7	49.2	49.2
80°	10.9	16.4	16.4	16.4	21.8	21.8	27.3	27.3	32.8	38.2	49.2
77.5°	10.9	10.9	16.4	16.4	16.4	21.8	21.8	27.3	27.3	32.8	38.2
75°	5.5	10.9	10.9	10.9	16.4	16.4	21.8	21.8	27.3	27.3	32.8
72.5°	5.5	10.9	10.9	10.9	16.4	16.4	21.8	21.8	21.8	27.3	27.3
70°	5.5	10.9	10.9	10.9	10.9	16.4	16.4	16.4	21.8	21.8	21.8
67.5°	5.5	5.5	5.5	10.9	10.9	10.9	10.9	16.4	16.4	16.4	21.8
65°	5.5	5.5	5.5	5.5	10.9	10.9	10.9	10.9	16.4	16.4	16.4
62.5°	5.5	5.5	5.5	10.9	10.9	10.9	10.9	10.9	16.4	16.4	16.4
60°	21.8	21.8	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
57.5°	49.2	49.2	43.7	38.2	32.8	32.8	27.3	21.8	21.8	16.4	16.4
55°	81.9	76.5	71.0	60.1	54.6	49.2	43.7	32.8	27.3	21.8	16.4
52.5°	103.8	98.3	92.8	87.4	76.5	65.5	60.1	54.6	43.7	32.8	27.3
50°	152.9	136.5	125.6	114.7	103.8	92.8	81.9	76.5	60.1	49.2	38.2
47.5°	185.7	174.8	158.4	147.5	136.5	120.1	103.8	92.8	81.9	65.5	49.2
45°	213.0	202.1	185.7	174.8	163.8	147.5	131.1	114.7	103.8	87.4	65.5
42.5°	240.3	229.4	213.0	202.1	185.7	169.3	152.9	136.5	120.1	109.2	87.4
40°	278.5	262.1	240.3	229.4	218.4	196.6	174.8	158.4	142.0	125.6	103.8
37.5°	327.7	311.3	284.0	262.1	245.8	229.4	207.5	185.7	169.3	147.5	125.6
35°	404.1	376.8	338.6	305.8	284.0	262.1	234.8	213.0	191.1	169.3	147.5
32.5°	480.6	436.9	387.7	349.5	316.8	289.4	262.1	240.3	213.0	185.7	163.8
30°	540.7	491.5	442.4	387.7	349.5	316.8	289.4	262.1	234.8	207.5	180.2
27.5°	600.7	546.1	491.5	436.9	382.3	338.6	311.3	284.0	256.7	229.4	196.6
25°	660.8	600.7	546.1	486.1	420.5	371.4	333.1	311.3	284.0	251.2	213.0
22.5°	715.4	660.8	606.2	540.7	464.2	398.7	360.4	333.1	305.8	267.6	234.8
20°	819.2	748.2	682.7	600.7	513.4	447.8	398.7	360.4	327.7	289.4	251.2
17.5°	955.7	852.0	764.6	671.7	584.4	502.4	431.4	387.7	355.0	311.3	267.6
15°	1130.5	950.3	841.0	748.2	644.4	551.6	475.1	415.1	371.4	327.7	289.4
12.5°	1261.5	1026.7	906.6	819.2	710.0	606.2	507.9	436.9	387.7	344.1	300.4
10°	1409.0	1108.6	961.2	862.9	748.2	633.5	529.7	453.3	398.7	360.4	316.8
7.5°	1529.1	1174.2	988.5	879.3	770.0	655.3	551.6	469.7	415.1	371.4	327.7
5°	1638.4	1228.8	1010.3	884.7	781.0	671.7	562.5	480.6	426.0	382.3	338.6
2.5°	1714.8	1277.9	1032.2	895.6	791.9	682.7	578.9	491.5	436.9	393.2	349.5
0°	1780.4	1294.3	1026.7	895.6	797.3	682.7	584.4	497.0	442.4	398.7	355.0
-2.5°	1802.2	1321.6	1054.0	906.6	808.3	693.6	595.3	502.4	447.8	404.1	365.9
-5°	1802.2	1299.8	1054.0	917.5	813.7	699.0	595.3	507.9	453.3	409.6	365.9
-7.5°	1736.7	1267.0	1048.6	928.4	819.2	704.5	595.3	513.4	458.7	415.1	371.4
-10°	1622.0	1217.9	1043.1	933.9	819.2	699.0	595.3	513.4	458.7	415.1	376.8
-12.5°	1436.3	1152.3	1015.8	922.9	808.3	688.1	589.8	513.4	458.7	420.5	376.8
-15°	1343.5	1097.7	983.0	890.2	781.0	671.7	578.9	507.9	458.7	420.5	382.3
-17.5°	1217.9	1054.0	950.3	857.4	759.1	655.3	568.0	507.9	458.7	415.1	382.3
-20°	1130.5	1004.9	912.0	830.1	731.8	639.0	562.5	502.4	458.7	415.1	382.3



REPORT NUMBER: P724032
 CATALOG NUMBER: IFLD-L-SA7C-722-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°	1054.0	950.3	868.3	786.4	699.0	617.1	551.6	497.0	453.3	415.1	382.3
-25°	993.9	901.1	824.6	748.2	671.7	600.7	540.7	491.5	447.8	415.1	376.8
-27.5°	939.3	852.0	781.0	710.0	639.0	584.4	529.7	486.1	447.8	409.6	371.4
-30°	879.3	808.3	737.3	671.7	622.6	568.0	518.8	475.1	442.4	404.1	365.9
-32.5°	819.2	753.7	693.6	644.4	600.7	557.0	513.4	469.7	431.4	393.2	355.0
-35°	764.6	704.5	660.8	617.1	584.4	546.1	502.4	458.7	426.0	387.7	355.0
-37.5°	710.0	666.3	628.0	595.3	562.5	529.7	486.1	447.8	415.1	376.8	338.6
-40°	666.3	633.5	606.2	578.9	546.1	507.9	475.1	436.9	404.1	365.9	322.2
-42.5°	639.0	611.7	584.4	557.0	529.7	497.0	464.2	426.0	393.2	355.0	311.3
-45°	611.7	589.8	568.0	546.1	518.8	486.1	447.8	409.6	376.8	338.6	305.8
-47.5°	595.3	573.4	551.6	535.2	513.4	469.7	436.9	398.7	360.4	327.7	289.4
-50°	578.9	557.0	540.7	518.8	491.5	453.3	420.5	382.3	349.5	311.3	278.5
-52.5°	562.5	540.7	518.8	497.0	469.7	436.9	404.1	371.4	333.1	294.9	262.1
-55°	546.1	524.3	502.4	480.6	453.3	426.0	393.2	349.5	311.3	273.1	240.3
-57.5°	529.7	513.4	486.1	458.7	431.4	404.1	365.9	327.7	289.4	251.2	223.9
-60°	507.9	486.1	464.2	431.4	404.1	371.4	338.6	305.8	267.6	234.8	207.5
-62.5°	475.1	453.3	431.4	398.7	371.4	344.1	316.8	278.5	251.2	218.4	191.1
-65°	436.9	415.1	393.2	365.9	338.6	311.3	289.4	256.7	229.4	202.1	180.2
-67.5°	393.2	371.4	355.0	327.7	305.8	278.5	256.7	229.4	202.1	180.2	158.4
-70°	338.6	322.2	305.8	284.0	262.1	240.3	218.4	196.6	174.8	158.4	136.5
-72.5°	289.4	273.1	256.7	240.3	223.9	202.1	185.7	169.3	152.9	136.5	125.6
-75°	234.8	223.9	213.0	202.1	185.7	169.3	158.4	142.0	131.1	120.1	114.7
-77.5°	196.6	185.7	174.8	163.8	152.9	142.0	131.1	120.1	114.7	109.2	103.8
-80°	158.4	152.9	147.5	136.5	131.1	120.1	114.7	103.8	103.8	103.8	103.8
-82.5°	125.6	120.1	114.7	109.2	103.8	98.3	98.3	92.8	98.3	98.3	92.8
-85°	87.4	81.9	76.5	76.5	71.0	71.0	65.5	65.5	65.5	60.1	60.1
-87.5°	38.2	38.2	38.2	38.2	32.8	32.8	32.8	32.8	32.8	27.3	27.3
-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: P724032
 CATALOG NUMBER: IFLD-L-SA7C-722-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°	10.9	10.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	21.8	21.8	16.4	16.4	16.4	10.9	10.9	5.5	5.5	5.5	5.5
82.5°	49.2	43.7	38.2	32.8	27.3	21.8	16.4	10.9	10.9	5.5	5.5
80°	60.1	60.1	60.1	54.6	43.7	32.8	21.8	16.4	10.9	5.5	5.5
77.5°	43.7	43.7	49.2	54.6	54.6	43.7	27.3	16.4	10.9	10.9	5.5
75°	32.8	32.8	32.8	38.2	43.7	43.7	32.8	21.8	10.9	10.9	5.5
72.5°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	21.8	16.4	10.9	10.9
70°	27.3	27.3	27.3	27.3	27.3	27.3	27.3	21.8	16.4	10.9	10.9
67.5°	21.8	21.8	27.3	27.3	27.3	21.8	21.8	21.8	16.4	10.9	10.9
65°	16.4	21.8	21.8	27.3	21.8	21.8	21.8	16.4	16.4	10.9	10.9
62.5°	16.4	16.4	21.8	21.8	21.8	21.8	16.4	16.4	16.4	10.9	10.9
60°	16.4	16.4	16.4	21.8	16.4	16.4	16.4	16.4	16.4	10.9	10.9
57.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	10.9	10.9	10.9	10.9
55°	16.4	16.4	16.4	16.4	16.4	16.4	10.9	10.9	10.9	10.9	10.9
52.5°	21.8	16.4	16.4	16.4	16.4	16.4	10.9	10.9	10.9	10.9	10.9
50°	27.3	16.4	16.4	16.4	16.4	10.9	10.9	10.9	10.9	10.9	10.9
47.5°	38.2	27.3	21.8	16.4	16.4	10.9	10.9	10.9	10.9	10.9	5.5
45°	54.6	38.2	27.3	21.8	16.4	10.9	10.9	10.9	10.9	10.9	5.5
42.5°	65.5	49.2	32.8	27.3	21.8	16.4	10.9	10.9	10.9	5.5	5.5
40°	81.9	65.5	43.7	32.8	21.8	16.4	10.9	10.9	10.9	5.5	5.5
37.5°	103.8	81.9	54.6	38.2	27.3	16.4	16.4	10.9	10.9	5.5	5.5
35°	120.1	92.8	71.0	43.7	32.8	21.8	16.4	10.9	10.9	5.5	5.5
32.5°	136.5	109.2	87.4	54.6	38.2	27.3	21.8	10.9	10.9	5.5	5.5
30°	152.9	125.6	98.3	71.0	49.2	32.8	21.8	10.9	10.9	5.5	5.5
27.5°	169.3	136.5	109.2	81.9	54.6	38.2	27.3	16.4	10.9	5.5	5.5
25°	185.7	152.9	120.1	92.8	60.1	43.7	27.3	16.4	10.9	10.9	5.5
22.5°	196.6	169.3	136.5	103.8	71.0	49.2	32.8	21.8	10.9	10.9	5.5
20°	213.0	185.7	147.5	114.7	81.9	54.6	32.8	21.8	10.9	10.9	5.5
17.5°	229.4	196.6	158.4	125.6	92.8	60.1	38.2	27.3	10.9	10.9	5.5
15°	245.8	207.5	169.3	131.1	98.3	65.5	38.2	27.3	10.9	10.9	5.5
12.5°	262.1	223.9	180.2	142.0	103.8	71.0	43.7	32.8	16.4	10.9	5.5
10°	273.1	234.8	191.1	147.5	109.2	81.9	49.2	32.8	16.4	10.9	5.5
7.5°	289.4	245.8	202.1	158.4	114.7	87.4	54.6	32.8	16.4	10.9	5.5
5°	294.9	256.7	207.5	169.3	120.1	92.8	60.1	38.2	16.4	10.9	5.5
2.5°	300.4	267.6	213.0	174.8	125.6	92.8	60.1	38.2	21.8	10.9	5.5
0°	305.8	273.1	218.4	180.2	131.1	98.3	65.5	38.2	21.8	10.9	5.5
-2.5°	311.3	278.5	229.4	185.7	136.5	103.8	71.0	38.2	21.8	10.9	5.5
-5°	316.8	278.5	240.3	191.1	142.0	103.8	71.0	43.7	27.3	10.9	5.5
-7.5°	322.2	284.0	245.8	196.6	147.5	103.8	76.5	43.7	27.3	16.4	5.5
-10°	327.7	289.4	251.2	202.1	147.5	109.2	76.5	43.7	27.3	16.4	5.5
-12.5°	333.1	294.9	251.2	202.1	152.9	109.2	76.5	49.2	27.3	16.4	5.5
-15°	338.6	294.9	251.2	202.1	152.9	114.7	81.9	49.2	27.3	16.4	10.9
-17.5°	338.6	294.9	251.2	207.5	152.9	114.7	81.9	49.2	27.3	16.4	10.9
-20°	338.6	294.9	251.2	207.5	152.9	114.7	81.9	49.2	27.3	16.4	10.9



REPORT NUMBER: P724032
 CATALOG NUMBER: IFLD-L-SA7C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	333.1	289.4	251.2	202.1	152.9	114.7	81.9	49.2	32.8	16.4	10.9
-25°	333.1	289.4	251.2	202.1	152.9	114.7	76.5	49.2	32.8	16.4	10.9
-27.5°	327.7	289.4	245.8	196.6	147.5	109.2	76.5	49.2	32.8	16.4	10.9
-30°	322.2	284.0	240.3	191.1	147.5	109.2	76.5	49.2	32.8	16.4	10.9
-32.5°	316.8	273.1	234.8	185.7	142.0	103.8	76.5	49.2	32.8	16.4	10.9
-35°	305.8	267.6	223.9	180.2	136.5	103.8	71.0	49.2	32.8	21.8	10.9
-37.5°	294.9	256.7	218.4	174.8	131.1	98.3	71.0	49.2	32.8	21.8	10.9
-40°	284.0	251.2	207.5	163.8	125.6	92.8	71.0	49.2	32.8	21.8	16.4
-42.5°	273.1	240.3	202.1	158.4	125.6	92.8	65.5	49.2	32.8	21.8	16.4
-45°	267.6	234.8	191.1	152.9	120.1	92.8	65.5	43.7	32.8	21.8	16.4
-47.5°	256.7	218.4	180.2	147.5	114.7	87.4	60.1	43.7	32.8	21.8	16.4
-50°	240.3	207.5	174.8	142.0	109.2	81.9	60.1	43.7	32.8	21.8	16.4
-52.5°	223.9	191.1	163.8	131.1	103.8	81.9	60.1	43.7	32.8	21.8	16.4
-55°	207.5	180.2	152.9	125.6	98.3	76.5	54.6	43.7	32.8	21.8	16.4
-57.5°	196.6	169.3	142.0	114.7	92.8	71.0	54.6	38.2	27.3	21.8	16.4
-60°	185.7	158.4	131.1	109.2	87.4	71.0	54.6	38.2	27.3	21.8	10.9
-62.5°	169.3	147.5	120.1	103.8	81.9	65.5	49.2	38.2	27.3	21.8	10.9
-65°	152.9	131.1	109.2	92.8	76.5	60.1	49.2	38.2	27.3	21.8	10.9
-67.5°	136.5	120.1	103.8	87.4	71.0	60.1	49.2	38.2	27.3	16.4	10.9
-70°	125.6	109.2	92.8	81.9	71.0	54.6	49.2	38.2	27.3	16.4	10.9
-72.5°	109.2	98.3	87.4	76.5	65.5	60.1	49.2	38.2	21.8	16.4	10.9
-75°	103.8	92.8	81.9	76.5	71.0	60.1	49.2	32.8	21.8	16.4	10.9
-77.5°	103.8	92.8	87.4	81.9	71.0	60.1	43.7	27.3	16.4	16.4	10.9
-80°	103.8	98.3	92.8	76.5	65.5	49.2	32.8	27.3	16.4	10.9	5.5
-82.5°	92.8	76.5	65.5	54.6	49.2	38.2	27.3	21.8	10.9	10.9	5.5
-85°	60.1	49.2	43.7	38.2	32.8	27.3	16.4	10.9	10.9	5.5	5.5
-87.5°	27.3	27.3	21.8	16.4	16.4	10.9	10.9	5.5	5.5	5.5	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: P724032
 CATALOG NUMBER: IFLD-L-SA7C-722-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	5.5	5.5	0.0	0.0
65°	5.5	5.5	0.0	0.0
62.5°	5.5	5.5	0.0	0.0
60°	5.5	5.5	0.0	0.0
57.5°	5.5	5.5	5.5	0.0
55°	5.5	5.5	5.5	0.0
52.5°	5.5	5.5	5.5	0.0
50°	5.5	5.5	5.5	0.0
47.5°	5.5	5.5	5.5	0.0
45°	5.5	5.5	5.5	0.0
42.5°	5.5	5.5	5.5	0.0
40°	5.5	5.5	5.5	0.0
37.5°	5.5	5.5	5.5	0.0
35°	5.5	5.5	5.5	0.0
32.5°	5.5	5.5	5.5	0.0
30°	5.5	5.5	5.5	0.0
27.5°	5.5	5.5	5.5	0.0
25°	5.5	5.5	5.5	0.0
22.5°	5.5	5.5	5.5	0.0
20°	5.5	5.5	5.5	0.0
17.5°	5.5	5.5	5.5	0.0
15°	5.5	5.5	5.5	0.0
12.5°	5.5	5.5	5.5	0.0
10°	5.5	5.5	5.5	0.0
7.5°	5.5	5.5	5.5	0.0
5°	5.5	5.5	5.5	0.0
2.5°	5.5	5.5	5.5	0.0
0°	5.5	5.5	5.5	0.0
-2.5°	5.5	5.5	5.5	0.0
-5°	5.5	5.5	5.5	0.0
-7.5°	5.5	5.5	5.5	0.0
-10°	5.5	5.5	5.5	0.0
-12.5°	5.5	5.5	5.5	0.0
-15°	5.5	5.5	5.5	0.0
-17.5°	5.5	5.5	5.5	0.0
-20°	5.5	5.5	5.5	0.0



REPORT NUMBER: P724032
CATALOG NUMBER: IFLD-L-SA7C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.5	5.5	5.5	0.0
-25°	5.5	5.5	5.5	0.0
-27.5°	5.5	5.5	5.5	0.0
-30°	5.5	5.5	5.5	0.0
-32.5°	5.5	5.5	5.5	0.0
-35°	5.5	5.5	5.5	0.0
-37.5°	5.5	5.5	5.5	0.0
-40°	5.5	5.5	5.5	0.0
-42.5°	5.5	5.5	5.5	0.0
-45°	5.5	5.5	5.5	0.0
-47.5°	5.5	5.5	5.5	0.0
-50°	5.5	5.5	5.5	0.0
-52.5°	5.5	5.5	5.5	0.0
-55°	5.5	5.5	5.5	0.0
-57.5°	5.5	5.5	5.5	0.0
-60°	5.5	5.5	0.0	0.0
-62.5°	5.5	5.5	0.0	0.0
-65°	5.5	5.5	0.0	0.0
-67.5°	5.5	5.5	0.0	0.0
-70°	5.5	5.5	0.0	0.0
-72.5°	5.5	5.5	0.0	0.0
-75°	5.5	5.5	0.0	0.0
-77.5°	5.5	0.0	0.0	0.0
-80°	5.5	0.0	0.0	0.0
-82.5°	5.5	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)