

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: P724235

Luminaire Tested: **IFLD-L-SA7C-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724235
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-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

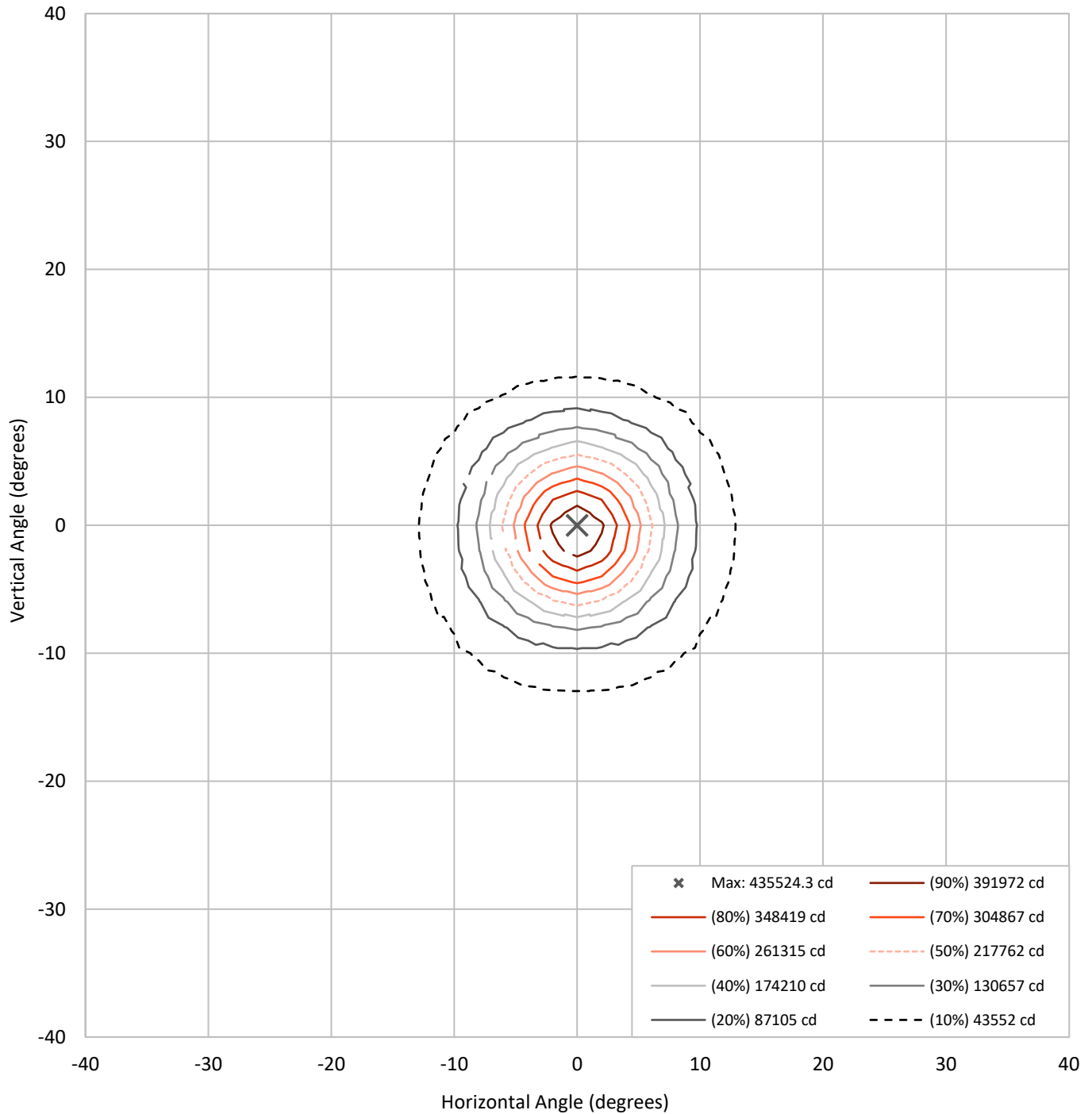
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	30421.7 lumens	Max Intensity:	435524.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9517.3 lumens	Field Lumens:	21655.2 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





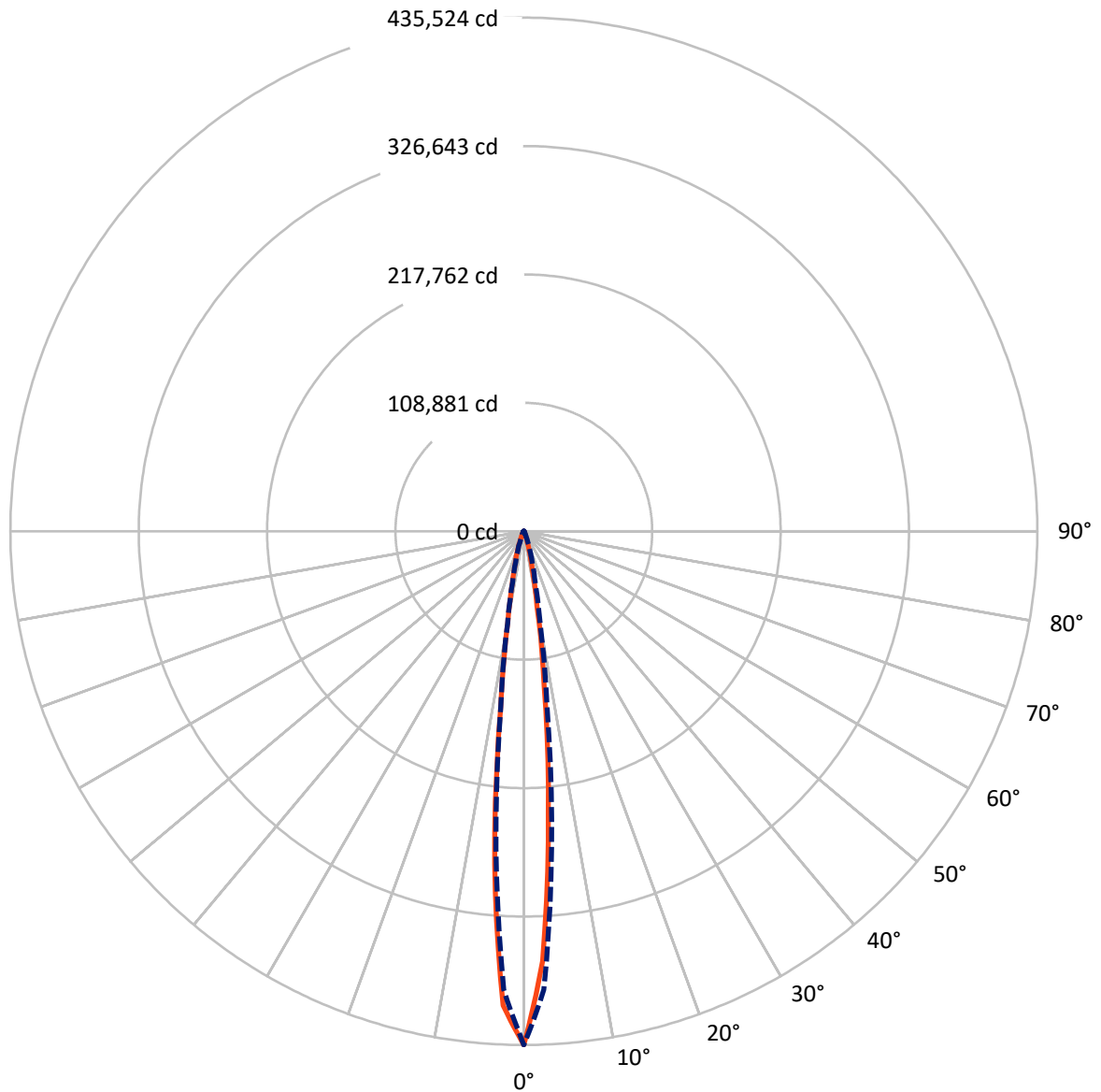
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Lumen Table

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	12.2	18.5	22.1	22.1	18.5	12.2	7.8	4.6	2.1	0.5	
30	0.3	0.9	3.3	6.7	12.2	21.0	40.6	65.5	65.5	40.6	21.0	12.2	6.7	3.3	0.9	0.3
20		1.3	4.4	9.1	18.5	45.9	239.7	606.4	606.4	239.7	45.9	18.5	9.1	4.4	1.3	
10	0.5	1.7	5.2	10.8	22.6	93.2	771.9	4756.8	4756.8	771.9	93.2	22.6	10.8	5.2	1.7	0.5
0		2.0	5.7	11.4	23.6	106.2	849.4	5238.6	5238.6	849.4	106.2	23.6	11.4	5.7	2.0	
-10	0.6	2.1	5.9	11.3	22.1	63.7	381.3	918.7	918.7	381.3	63.7	22.1	11.3	5.9	2.1	0.6
-20		2.1	5.8	10.7	18.7	32.4	78.8	148.0	148.0	78.8	32.4	18.7	10.7	5.8	2.1	
-30	0.6	1.9	5.4	10.0	15.5	23.0	32.5	38.2	38.2	32.5	23.0	15.5	10.0	5.4	1.9	0.6
-40		1.6	4.7	8.9	13.5	17.9	22.6	25.1	25.1	22.6	17.9	13.5	8.9	4.7	1.6	
-50	0.6	1.3	3.7	7.5	11.9	15.6	19.2	20.9	20.9	19.2	15.6	11.9	7.5	3.7	1.3	0.6
-60		1.0	2.7	5.5	9.0	12.5	15.7	17.4	17.4	15.7	12.5	9.0	5.5	2.7	1.0	
-70	0.6	1.3	3.7	7.5	11.9	15.6	19.2	20.9	20.9	19.2	15.6	11.9	7.5	3.7	1.3	0.6
-80		1.0	2.7	5.5	9.0	12.5	15.7	17.4	17.4	15.7	12.5	9.0	5.5	2.7	1.0	
-90	0.3	4.1	11.4	21.0	25.4	21.0	11.4	4.1	0.3							

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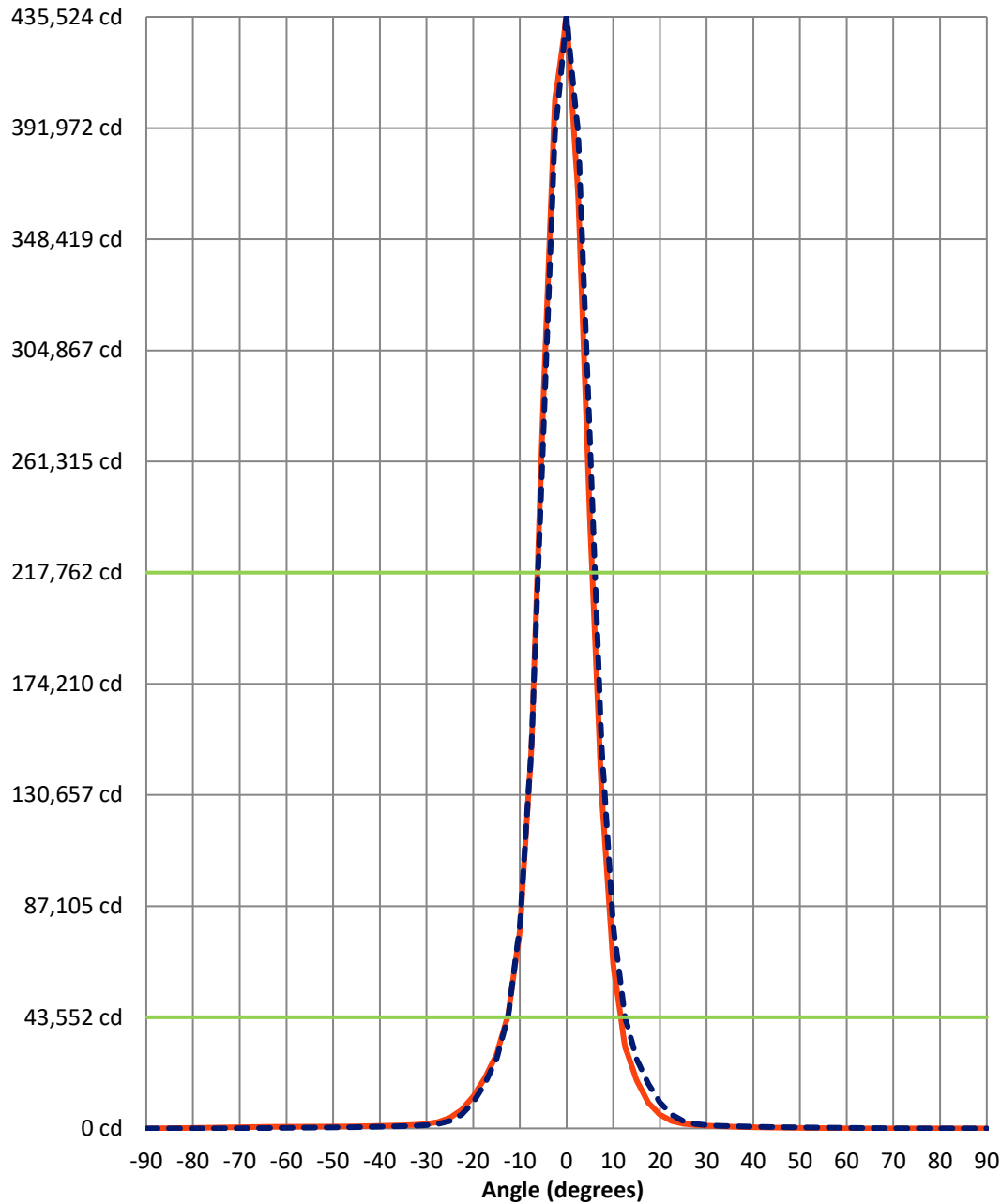
Luminous Intensity Polar Plot



— 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: 9517.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 21655.2
 Efficiency: 71.2%

Spill:
 Lumens: 8766.5
 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°	87.2	87.2	81.8	76.3	70.9	65.4	65.4	65.4	65.4	65.4	54.5
55°	119.9	119.9	119.9	114.5	114.5	109.0	103.6	98.1	98.1	92.7	87.2
52.5°	141.7	141.7	141.7	141.7	136.3	136.3	136.3	130.8	119.9	119.9	114.5
50°	201.7	196.2	196.2	196.2	196.2	185.3	179.9	169.0	163.5	158.1	152.6
47.5°	261.6	261.6	256.2	256.2	250.7	239.8	228.9	218.0	207.1	201.7	190.8
45°	310.7	310.7	305.2	305.2	299.8	288.9	272.5	256.2	245.3	234.4	223.5
42.5°	381.5	376.1	370.6	365.2	354.3	337.9	316.1	294.3	278.0	261.6	250.7
40°	457.8	457.8	452.4	446.9	430.6	414.2	387.0	359.7	332.5	299.8	283.4
37.5°	550.5	555.9	561.4	561.4	550.5	528.7	490.5	457.8	414.2	370.6	348.8
35°	719.4	719.4	730.3	730.3	714.0	686.7	659.5	588.6	534.1	479.6	430.6
32.5°	904.7	910.2	888.4	872.0	850.2	817.5	768.5	708.5	648.6	577.7	523.2
30°	1084.6	1084.6	1057.3	1024.6	981.0	926.5	866.6	801.2	730.3	659.5	594.1
27.5°	1368.0	1340.7	1318.9	1264.4	1188.1	1084.6	1008.3	904.7	812.1	730.3	659.5
25°	1836.7	1831.2	1782.2	1689.5	1536.9	1373.4	1248.1	1073.7	932.0	806.6	724.9
22.5°	2921.3	2883.1	2768.7	2539.8	2180.0	1896.6	1640.5	1368.0	1111.8	942.9	812.1
20°	5401.1	5275.7	4970.5	4338.3	3531.7	2975.8	2338.1	1880.3	1449.7	1133.6	937.4
17.5°	10077.3	9995.5	9881.1	8420.4	6779.9	5602.7	4169.3	2883.1	2060.1	1482.4	1111.8
15°	18890.1	18285.1	17020.7	15271.2	12976.7	10028.2	7374.0	4654.4	2943.1	1972.9	1411.6
12.5°	32291.9	31621.6	28357.0	23980.5	19854.8	15658.2	10992.9	7074.3	4191.1	2507.1	1673.2
10°	64344.1	59477.1	50337.3	37567.7	29321.6	21865.9	15434.7	9652.2	5455.6	3166.5	1983.8
7.5°	131789.3	115885.8	89300.2	63041.5	40805.0	28678.5	19713.1	12622.5	7270.5	3962.2	2267.2
5°	238862.3	210647.0	158696.5	95556.9	59253.7	35943.5	23391.9	15009.6	8605.7	4610.8	2550.7
2.5°	364727.3	328227.8	229433.6	131396.9	73064.3	41568.0	25964.4	16579.3	9456.0	5052.3	2768.7
0°	435524.3	389034.8	270195.0	150434.1	79642.6	43955.2	27223.3	17522.1	10175.4	5412.0	2910.4
-2.5°	402316.7	364890.8	248312.8	139741.0	76105.4	42908.8	27403.2	17756.5	10295.3	5510.1	2975.8
-5°	283553.2	252836.4	171814.9	103121.7	64573.0	39524.2	25855.4	16873.6	9962.8	5368.4	2948.5
-7.5°	150014.5	136116.7	101895.4	74099.8	47132.6	33452.8	23277.4	15309.4	9101.7	4986.9	2785.0
-10°	77506.1	74655.7	64333.2	48495.1	38139.9	28024.5	19865.7	13091.2	7608.4	4294.7	2507.1
-12.5°	44685.5	44200.4	40881.3	35093.3	29245.3	23021.3	16301.3	10676.8	6349.4	3558.9	2114.6
-15°	28934.7	29141.8	27986.3	25577.4	22247.4	17227.8	12524.4	7940.8	4698.0	2883.1	1863.9
-17.5°	19745.8	19691.3	19151.7	17500.3	14818.9	11636.0	8300.5	5608.2	3558.9	2245.4	1547.8
-20°	12491.7	12513.5	12012.1	10873.0	8900.0	7172.4	5166.7	3782.4	2523.4	1765.8	1368.0



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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°	7248.7	7265.0	6948.9	6305.8	5270.3	4251.1	3357.3	2501.6	1858.5	1471.5	1199.0
-25°	4163.9	4098.5	3973.1	3662.5	3177.4	2621.5	2229.1	1760.4	1487.9	1248.1	1095.5
-27.5°	2523.4	2479.8	2414.4	2278.1	2087.4	1809.4	1629.6	1422.5	1264.4	1122.7	1030.1
-30°	1760.4	1776.7	1722.2	1651.4	1564.2	1438.8	1340.7	1242.6	1139.1	1051.9	964.7
-32.5°	1400.7	1411.6	1384.3	1357.1	1313.5	1264.4	1204.5	1133.6	1051.9	970.1	888.4
-35°	1204.5	1209.9	1209.9	1204.5	1193.6	1155.4	1111.8	1046.4	970.1	893.8	823.0
-37.5°	1106.4	1111.8	1111.8	1106.4	1090.0	1057.3	1013.7	959.2	888.4	817.5	763.0
-40°	1002.8	1008.3	1002.8	991.9	975.6	942.9	910.2	866.6	812.1	752.1	703.1
-42.5°	904.7	899.3	893.8	882.9	866.6	844.8	817.5	784.8	746.7	703.1	664.9
-45°	812.1	812.1	806.6	801.2	790.3	773.9	757.6	730.3	703.1	670.4	637.7
-47.5°	763.0	763.0	757.6	752.1	746.7	735.8	719.4	697.6	675.8	648.6	621.3
-50°	730.3	730.3	730.3	724.9	719.4	708.5	692.2	675.8	654.0	626.8	599.5
-52.5°	708.5	708.5	708.5	703.1	697.6	692.2	675.8	654.0	626.8	605.0	583.2
-55°	697.6	692.2	692.2	686.7	681.3	675.8	654.0	632.2	610.4	588.6	566.8
-57.5°	681.3	675.8	675.8	670.4	664.9	659.5	637.7	615.9	594.1	566.8	550.5
-60°	664.9	659.5	659.5	648.6	643.1	637.7	615.9	594.1	572.3	550.5	528.7
-62.5°	643.1	637.7	632.2	626.8	615.9	605.0	588.6	566.8	539.6	517.8	496.0
-65°	594.1	588.6	583.2	577.7	572.3	566.8	550.5	523.2	501.4	479.6	457.8
-67.5°	534.1	534.1	534.1	523.2	517.8	506.9	496.0	474.2	452.4	430.6	414.2
-70°	463.3	463.3	463.3	452.4	446.9	441.5	425.1	408.8	392.4	376.1	354.3
-72.5°	392.4	387.0	387.0	381.5	370.6	365.2	354.3	343.4	327.0	316.1	299.8
-75°	321.6	316.1	316.1	310.7	305.2	299.8	288.9	283.4	272.5	261.6	245.3
-77.5°	256.2	256.2	256.2	250.7	245.3	239.8	234.4	228.9	223.5	212.6	201.7
-80°	196.2	196.2	196.2	196.2	196.2	196.2	196.2	190.8	179.9	174.4	169.0
-82.5°	141.7	147.2	147.2	147.2	147.2	147.2	147.2	147.2	141.7	136.3	130.8
-85°	92.7	98.1	98.1	103.6	109.0	109.0	114.5	109.0	103.6	92.7	87.2
-87.5°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	43.6	43.6	43.6	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	32.7	43.6	49.1	49.1
80°	10.9	16.4	16.4	16.4	21.8	21.8	27.3	27.3	32.7	38.2	49.1
77.5°	10.9	10.9	16.4	16.4	16.4	21.8	21.8	27.3	27.3	32.7	38.2
75°	5.5	10.9	10.9	10.9	16.4	16.4	21.8	21.8	27.3	27.3	32.7
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°	49.1	49.1	43.6	38.2	32.7	32.7	27.3	21.8	21.8	16.4	16.4
55°	81.8	76.3	70.9	60.0	54.5	49.1	43.6	32.7	27.3	21.8	16.4
52.5°	103.6	98.1	92.7	87.2	76.3	65.4	60.0	54.5	43.6	32.7	27.3
50°	152.6	136.3	125.4	114.5	103.6	92.7	81.8	76.3	60.0	49.1	38.2
47.5°	185.3	174.4	158.1	147.2	136.3	119.9	103.6	92.7	81.8	65.4	49.1
45°	212.6	201.7	185.3	174.4	163.5	147.2	130.8	114.5	103.6	87.2	65.4
42.5°	239.8	228.9	212.6	201.7	185.3	169.0	152.6	136.3	119.9	109.0	87.2
40°	278.0	261.6	239.8	228.9	218.0	196.2	174.4	158.1	141.7	125.4	103.6
37.5°	327.0	310.7	283.4	261.6	245.3	228.9	207.1	185.3	169.0	147.2	125.4
35°	403.3	376.1	337.9	305.2	283.4	261.6	234.4	212.6	190.8	169.0	147.2
32.5°	479.6	436.0	387.0	348.8	316.1	288.9	261.6	239.8	212.6	185.3	163.5
30°	539.6	490.5	441.5	387.0	348.8	316.1	288.9	261.6	234.4	207.1	179.9
27.5°	599.5	545.0	490.5	436.0	381.5	337.9	310.7	283.4	256.2	228.9	196.2
25°	659.5	599.5	545.0	485.1	419.7	370.6	332.5	310.7	283.4	250.7	212.6
22.5°	714.0	659.5	605.0	539.6	463.3	397.9	359.7	332.5	305.2	267.1	234.4
20°	817.5	746.7	681.3	599.5	512.3	446.9	397.9	359.7	327.0	288.9	250.7
17.5°	953.8	850.2	763.0	670.4	583.2	501.4	430.6	387.0	354.3	310.7	267.1
15°	1128.2	948.3	839.3	746.7	643.1	550.5	474.2	414.2	370.6	327.0	288.9
12.5°	1259.0	1024.6	904.7	817.5	708.5	605.0	506.9	436.0	387.0	343.4	299.8
10°	1406.1	1106.4	959.2	861.1	746.7	632.2	528.7	452.4	397.9	359.7	316.1
7.5°	1526.0	1171.8	986.5	877.5	768.5	654.0	550.5	468.7	414.2	370.6	327.0
5°	1635.0	1226.3	1008.3	882.9	779.4	670.4	561.4	479.6	425.1	381.5	337.9
2.5°	1711.3	1275.3	1030.1	893.8	790.3	681.3	577.7	490.5	436.0	392.4	348.8
0°	1776.7	1291.7	1024.6	893.8	795.7	681.3	583.2	496.0	441.5	397.9	354.3
-2.5°	1798.5	1318.9	1051.9	904.7	806.6	692.2	594.1	501.4	446.9	403.3	365.2
-5°	1798.5	1297.1	1051.9	915.6	812.1	697.6	594.1	506.9	452.4	408.8	365.2
-7.5°	1733.1	1264.4	1046.4	926.5	817.5	703.1	594.1	512.3	457.8	414.2	370.6
-10°	1618.7	1215.4	1041.0	932.0	817.5	697.6	594.1	512.3	457.8	414.2	376.1
-12.5°	1433.4	1150.0	1013.7	921.1	806.6	686.7	588.6	512.3	457.8	419.7	376.1
-15°	1340.7	1095.5	981.0	888.4	779.4	670.4	577.7	506.9	457.8	419.7	381.5
-17.5°	1215.4	1051.9	948.3	855.7	757.6	654.0	566.8	506.9	457.8	414.2	381.5
-20°	1128.2	1002.8	910.2	828.4	730.3	637.7	561.4	501.4	457.8	414.2	381.5



REPORT NUMBER: P724235
 CATALOG NUMBER: IFLD-L-SA7C-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°	1051.9	948.3	866.6	784.8	697.6	615.9	550.5	496.0	452.4	414.2	381.5
-25°	991.9	899.3	823.0	746.7	670.4	599.5	539.6	490.5	446.9	414.2	376.1
-27.5°	937.4	850.2	779.4	708.5	637.7	583.2	528.7	485.1	446.9	408.8	370.6
-30°	877.5	806.6	735.8	670.4	621.3	566.8	517.8	474.2	441.5	403.3	365.2
-32.5°	817.5	752.1	692.2	643.1	599.5	555.9	512.3	468.7	430.6	392.4	354.3
-35°	763.0	703.1	659.5	615.9	583.2	545.0	501.4	457.8	425.1	387.0	354.3
-37.5°	708.5	664.9	626.8	594.1	561.4	528.7	485.1	446.9	414.2	376.1	337.9
-40°	664.9	632.2	605.0	577.7	545.0	506.9	474.2	436.0	403.3	365.2	321.6
-42.5°	637.7	610.4	583.2	555.9	528.7	496.0	463.3	425.1	392.4	354.3	310.7
-45°	610.4	588.6	566.8	545.0	517.8	485.1	446.9	408.8	376.1	337.9	305.2
-47.5°	594.1	572.3	550.5	534.1	512.3	468.7	436.0	397.9	359.7	327.0	288.9
-50°	577.7	555.9	539.6	517.8	490.5	452.4	419.7	381.5	348.8	310.7	278.0
-52.5°	561.4	539.6	517.8	496.0	468.7	436.0	403.3	370.6	332.5	294.3	261.6
-55°	545.0	523.2	501.4	479.6	452.4	425.1	392.4	348.8	310.7	272.5	239.8
-57.5°	528.7	512.3	485.1	457.8	430.6	403.3	365.2	327.0	288.9	250.7	223.5
-60°	506.9	485.1	463.3	430.6	403.3	370.6	337.9	305.2	267.1	234.4	207.1
-62.5°	474.2	452.4	430.6	397.9	370.6	343.4	316.1	278.0	250.7	218.0	190.8
-65°	436.0	414.2	392.4	365.2	337.9	310.7	288.9	256.2	228.9	201.7	179.9
-67.5°	392.4	370.6	354.3	327.0	305.2	278.0	256.2	228.9	201.7	179.9	158.1
-70°	337.9	321.6	305.2	283.4	261.6	239.8	218.0	196.2	174.4	158.1	136.3
-72.5°	288.9	272.5	256.2	239.8	223.5	201.7	185.3	169.0	152.6	136.3	125.4
-75°	234.4	223.5	212.6	201.7	185.3	169.0	158.1	141.7	130.8	119.9	114.5
-77.5°	196.2	185.3	174.4	163.5	152.6	141.7	130.8	119.9	114.5	109.0	103.6
-80°	158.1	152.6	147.2	136.3	130.8	119.9	114.5	103.6	103.6	103.6	103.6
-82.5°	125.4	119.9	114.5	109.0	103.6	98.1	98.1	92.7	98.1	98.1	92.7
-85°	87.2	81.8	76.3	76.3	70.9	70.9	65.4	65.4	65.4	60.0	60.0
-87.5°	38.2	38.2	38.2	38.2	32.7	32.7	32.7	32.7	32.7	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: P724235
 CATALOG NUMBER: IFLD-L-SA7C-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°	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°	49.1	43.6	38.2	32.7	27.3	21.8	16.4	10.9	10.9	5.5	5.5
80°	60.0	60.0	60.0	54.5	43.6	32.7	21.8	16.4	10.9	5.5	5.5
77.5°	43.6	43.6	49.1	54.5	54.5	43.6	27.3	16.4	10.9	10.9	5.5
75°	32.7	32.7	32.7	38.2	43.6	43.6	32.7	21.8	10.9	10.9	5.5
72.5°	32.7	32.7	32.7	32.7	32.7	32.7	32.7	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°	54.5	38.2	27.3	21.8	16.4	10.9	10.9	10.9	10.9	10.9	5.5
42.5°	65.4	49.1	32.7	27.3	21.8	16.4	10.9	10.9	10.9	5.5	5.5
40°	81.8	65.4	43.6	32.7	21.8	16.4	10.9	10.9	10.9	5.5	5.5
37.5°	103.6	81.8	54.5	38.2	27.3	16.4	16.4	10.9	10.9	5.5	5.5
35°	119.9	92.7	70.9	43.6	32.7	21.8	16.4	10.9	10.9	5.5	5.5
32.5°	136.3	109.0	87.2	54.5	38.2	27.3	21.8	10.9	10.9	5.5	5.5
30°	152.6	125.4	98.1	70.9	49.1	32.7	21.8	10.9	10.9	5.5	5.5
27.5°	169.0	136.3	109.0	81.8	54.5	38.2	27.3	16.4	10.9	5.5	5.5
25°	185.3	152.6	119.9	92.7	60.0	43.6	27.3	16.4	10.9	10.9	5.5
22.5°	196.2	169.0	136.3	103.6	70.9	49.1	32.7	21.8	10.9	10.9	5.5
20°	212.6	185.3	147.2	114.5	81.8	54.5	32.7	21.8	10.9	10.9	5.5
17.5°	228.9	196.2	158.1	125.4	92.7	60.0	38.2	27.3	10.9	10.9	5.5
15°	245.3	207.1	169.0	130.8	98.1	65.4	38.2	27.3	10.9	10.9	5.5
12.5°	261.6	223.5	179.9	141.7	103.6	70.9	43.6	32.7	16.4	10.9	5.5
10°	272.5	234.4	190.8	147.2	109.0	81.8	49.1	32.7	16.4	10.9	5.5
7.5°	288.9	245.3	201.7	158.1	114.5	87.2	54.5	32.7	16.4	10.9	5.5
5°	294.3	256.2	207.1	169.0	119.9	92.7	60.0	38.2	16.4	10.9	5.5
2.5°	299.8	267.1	212.6	174.4	125.4	92.7	60.0	38.2	21.8	10.9	5.5
0°	305.2	272.5	218.0	179.9	130.8	98.1	65.4	38.2	21.8	10.9	5.5
-2.5°	310.7	278.0	228.9	185.3	136.3	103.6	70.9	38.2	21.8	10.9	5.5
-5°	316.1	278.0	239.8	190.8	141.7	103.6	70.9	43.6	27.3	10.9	5.5
-7.5°	321.6	283.4	245.3	196.2	147.2	103.6	76.3	43.6	27.3	16.4	5.5
-10°	327.0	288.9	250.7	201.7	147.2	109.0	76.3	43.6	27.3	16.4	5.5
-12.5°	332.5	294.3	250.7	201.7	152.6	109.0	76.3	49.1	27.3	16.4	5.5
-15°	337.9	294.3	250.7	201.7	152.6	114.5	81.8	49.1	27.3	16.4	10.9
-17.5°	337.9	294.3	250.7	207.1	152.6	114.5	81.8	49.1	27.3	16.4	10.9
-20°	337.9	294.3	250.7	207.1	152.6	114.5	81.8	49.1	27.3	16.4	10.9



REPORT NUMBER: P724235
 CATALOG NUMBER: IFLD-L-SA7C-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°	332.5	288.9	250.7	201.7	152.6	114.5	81.8	49.1	32.7	16.4	10.9
-25°	332.5	288.9	250.7	201.7	152.6	114.5	76.3	49.1	32.7	16.4	10.9
-27.5°	327.0	288.9	245.3	196.2	147.2	109.0	76.3	49.1	32.7	16.4	10.9
-30°	321.6	283.4	239.8	190.8	147.2	109.0	76.3	49.1	32.7	16.4	10.9
-32.5°	316.1	272.5	234.4	185.3	141.7	103.6	76.3	49.1	32.7	16.4	10.9
-35°	305.2	267.1	223.5	179.9	136.3	103.6	70.9	49.1	32.7	21.8	10.9
-37.5°	294.3	256.2	218.0	174.4	130.8	98.1	70.9	49.1	32.7	21.8	10.9
-40°	283.4	250.7	207.1	163.5	125.4	92.7	70.9	49.1	32.7	21.8	16.4
-42.5°	272.5	239.8	201.7	158.1	125.4	92.7	65.4	49.1	32.7	21.8	16.4
-45°	267.1	234.4	190.8	152.6	119.9	92.7	65.4	43.6	32.7	21.8	16.4
-47.5°	256.2	218.0	179.9	147.2	114.5	87.2	60.0	43.6	32.7	21.8	16.4
-50°	239.8	207.1	174.4	141.7	109.0	81.8	60.0	43.6	32.7	21.8	16.4
-52.5°	223.5	190.8	163.5	130.8	103.6	81.8	60.0	43.6	32.7	21.8	16.4
-55°	207.1	179.9	152.6	125.4	98.1	76.3	54.5	43.6	32.7	21.8	16.4
-57.5°	196.2	169.0	141.7	114.5	92.7	70.9	54.5	38.2	27.3	21.8	16.4
-60°	185.3	158.1	130.8	109.0	87.2	70.9	54.5	38.2	27.3	21.8	10.9
-62.5°	169.0	147.2	119.9	103.6	81.8	65.4	49.1	38.2	27.3	21.8	10.9
-65°	152.6	130.8	109.0	92.7	76.3	60.0	49.1	38.2	27.3	21.8	10.9
-67.5°	136.3	119.9	103.6	87.2	70.9	60.0	49.1	38.2	27.3	16.4	10.9
-70°	125.4	109.0	92.7	81.8	70.9	54.5	49.1	38.2	27.3	16.4	10.9
-72.5°	109.0	98.1	87.2	76.3	65.4	60.0	49.1	38.2	21.8	16.4	10.9
-75°	103.6	92.7	81.8	76.3	70.9	60.0	49.1	32.7	21.8	16.4	10.9
-77.5°	103.6	92.7	87.2	81.8	70.9	60.0	43.6	27.3	16.4	16.4	10.9
-80°	103.6	98.1	92.7	76.3	65.4	49.1	32.7	27.3	16.4	10.9	5.5
-82.5°	92.7	76.3	65.4	54.5	49.1	38.2	27.3	21.8	10.9	10.9	5.5
-85°	60.0	49.1	43.6	38.2	32.7	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: P724235
 CATALOG NUMBER: IFLD-L-SA7C-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°	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: P724235
CATALOG NUMBER: IFLD-L-SA7C-827-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)