

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: P724089

Luminaire Tested: **IFLD-L-SA7B-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724089
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

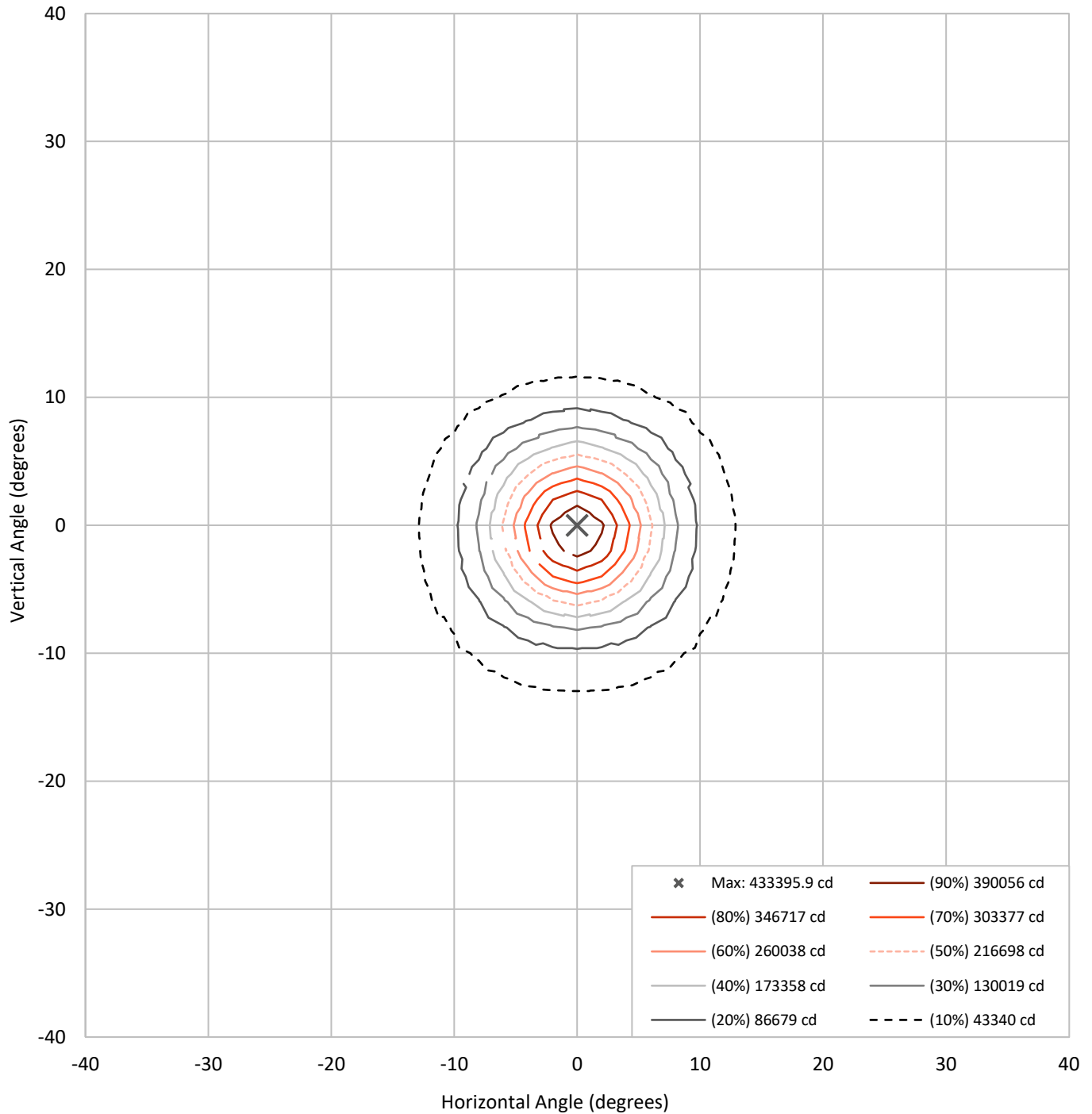
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	30272.9 lumens	Max Intensity:	433395.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9470.8 lumens	Field Lumens:	21549.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 281
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





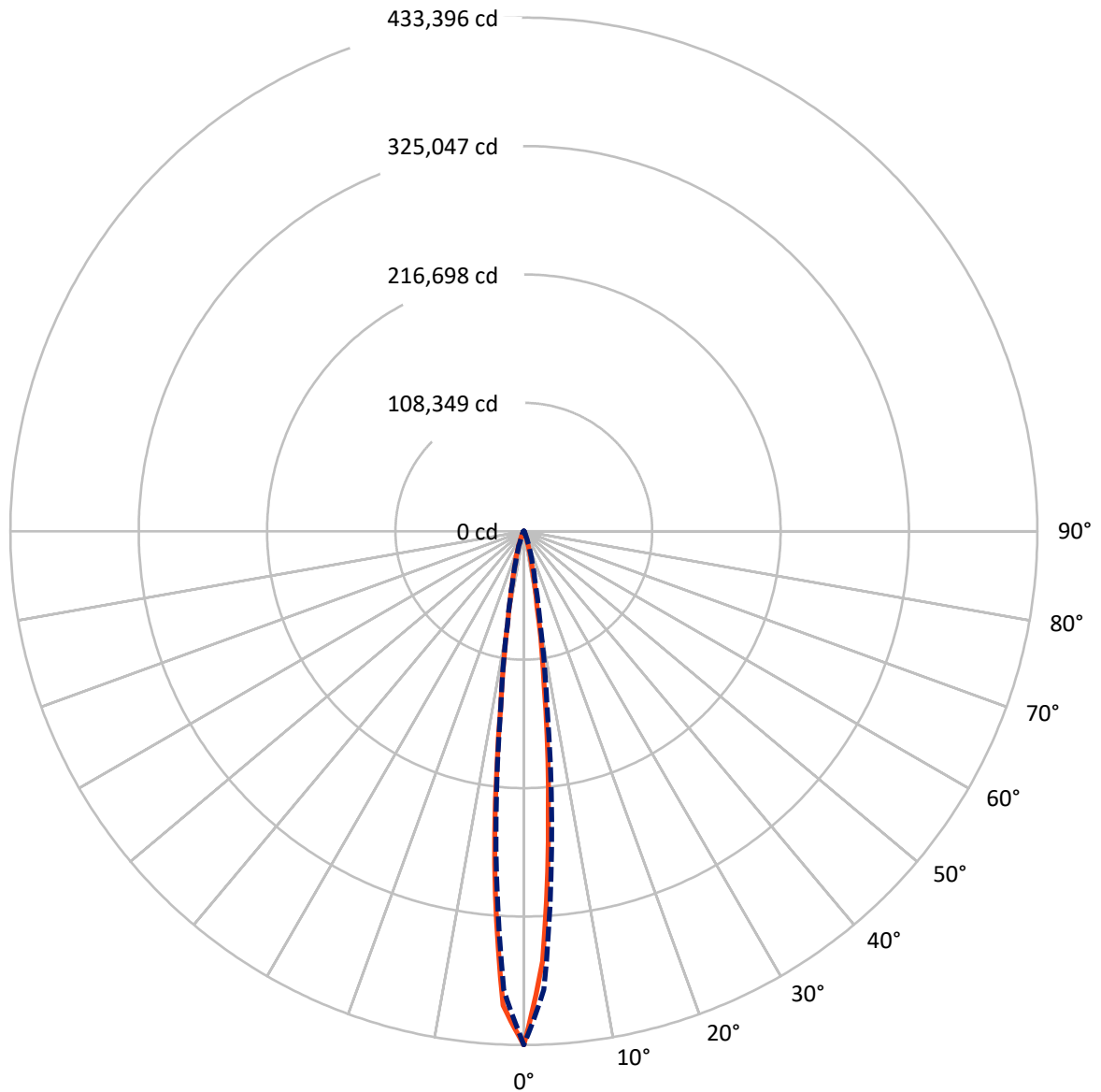
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Lumen Table

90	0.2	1.8		1.5		0.7		0.1		0.7		1.5		1.8		0.2			
80	0.2	1.8		1.5		0.7		0.1		0.7		1.5		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	2.3	2.9	3.3	3.3	2.9	2.3	1.6	0.8	0.3	0.2				
50	0.2	0.2	1.0	2.5	4.3	6.1	8.0	9.5	9.5	8.0	6.1	4.3	2.5	1.0	0.2	0.2			
40		0.5	2.1	4.6	7.7	12.2	18.4	22.0	22.0	18.4	12.2	7.7	4.6	2.1	0.5				
30	0.3	0.9	3.2	6.7	12.2	20.9	40.4	65.2	65.2	40.4	20.9	12.2	6.7	3.2	0.9	0.3			
20		1.3	4.3	9.1	18.4	45.7	238.5	603.4	603.4	238.5	45.7	18.4	9.1	4.3	1.3				
10	0.5	1.7	5.2	10.7	22.5	92.7	768.2	4733.6	4733.6	768.2	92.7	22.5	10.7	5.2	1.7	0.5			
0		2.0	5.6	11.3	23.4	105.7	845.3	5213.0	5213.0	845.3	105.7	23.4	11.3	5.6	2.0				
-10	0.6	2.1	5.9	11.2	22.0	63.4	379.4	914.2	914.2	379.4	63.4	22.0	11.2	5.9	2.1	0.6			
-20		2.1	5.8	10.7	18.6	32.3	78.4	147.3	147.3	78.4	32.3	18.6	10.7	5.8	2.1				
-30	0.6	1.9	5.4	9.9	15.5	22.9	32.4	38.0	38.0	32.4	22.9	15.5	9.9	5.4	1.9	0.6			
-40		1.6	4.7	8.8	13.5	17.8	22.5	25.0	25.0	22.5	17.8	13.5	8.8	4.7	1.6				
-50	0.5	1.3	3.7	7.5	11.8	15.6	19.1	20.8	20.8	19.1	15.6	11.8	7.5	3.7	1.3	0.5			
-60		1.0	2.7	5.5	9.0	12.4	15.6	17.3	17.3	15.6	12.4	9.0	5.5	2.7	1.0				
-70	0.3	4.1		11.3		20.9		25.2		20.9		11.3		4.1		0.3			
-80		4.1		11.3		20.9		25.2		20.9		11.3		4.1					
-90	0.3	4.1		11.3		20.9		25.2		20.9		11.3		4.1		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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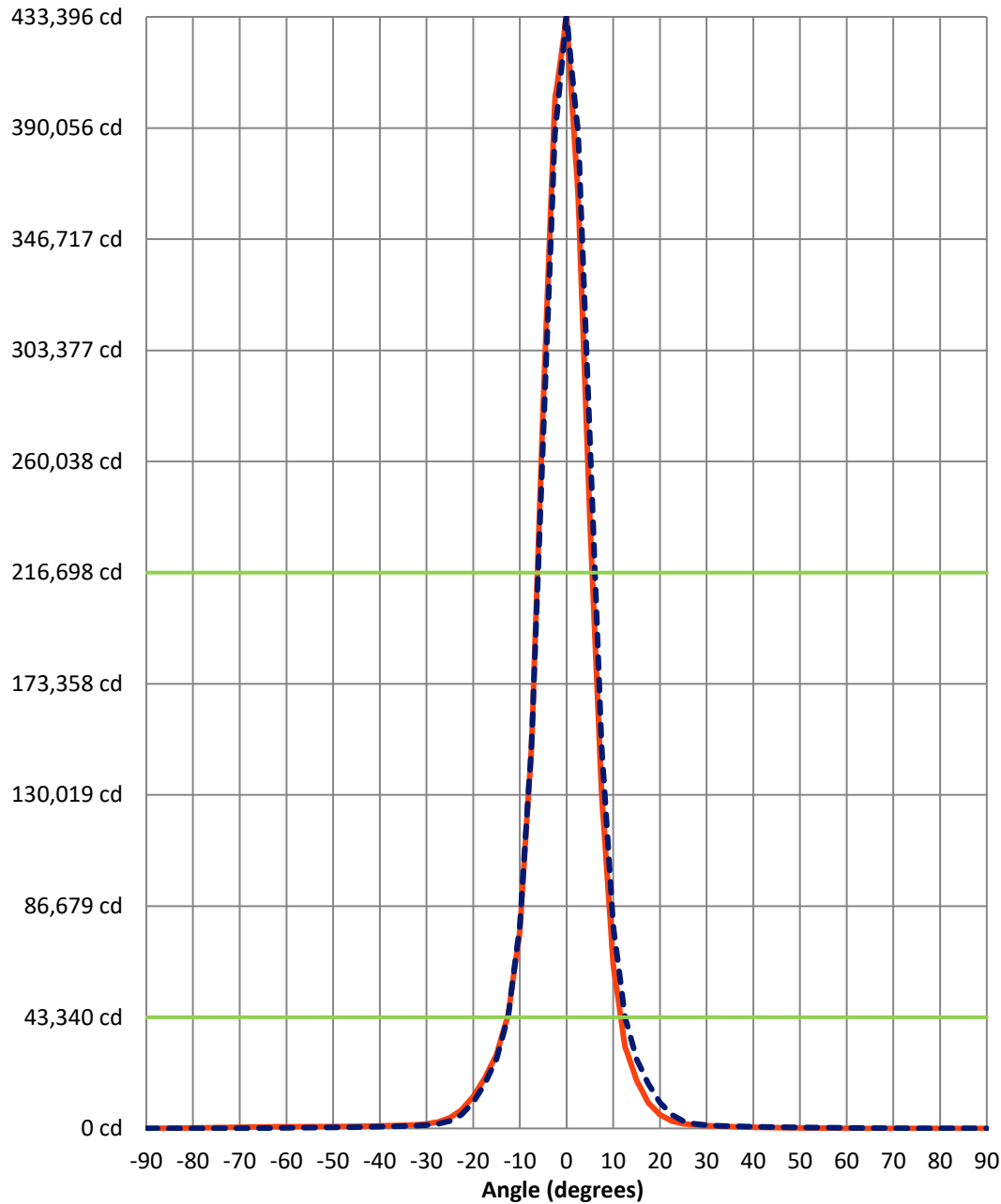
Luminous Intensity Polar Plot



— 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: 9470.8
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 21549.4
Efficiency: 71.2%

Spill:
Lumens: 8723.5
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	5.4	5.4
85°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	10.8	10.8
82.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	10.8	10.8	10.8
80°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	10.8	10.8	10.8
77.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	10.8
75°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
72.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
70°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
67.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
65°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
62.5°	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4
60°	10.8	10.8	10.8	10.8	16.3	16.3	21.7	21.7	21.7	10.8	21.7
57.5°	86.8	86.8	81.4	75.9	70.5	65.1	65.1	65.1	65.1	65.1	54.2
55°	119.3	119.3	119.3	113.9	113.9	108.5	103.0	97.6	97.6	92.2	86.8
52.5°	141.0	141.0	141.0	141.0	135.6	135.6	135.6	130.2	119.3	119.3	113.9
50°	200.7	195.2	195.2	195.2	195.2	184.4	179.0	168.1	162.7	157.3	151.9
47.5°	260.3	260.3	254.9	254.9	249.5	238.6	227.8	216.9	206.1	200.7	189.8
45°	309.1	309.1	303.7	303.7	298.3	287.4	271.2	254.9	244.1	233.2	222.4
42.5°	379.6	374.2	368.8	363.4	352.5	336.3	314.6	292.9	276.6	260.3	249.5
40°	455.6	455.6	450.1	444.7	428.5	412.2	385.1	357.9	330.8	298.3	282.0
37.5°	547.8	553.2	558.6	558.6	547.8	526.1	488.1	455.6	412.2	368.8	347.1
35°	715.9	715.9	726.7	726.7	710.5	683.4	656.2	585.7	531.5	477.3	428.5
32.5°	900.3	905.7	884.0	867.8	846.1	813.5	764.7	705.1	645.4	574.9	520.7
30°	1079.3	1079.3	1052.2	1019.6	976.2	922.0	862.3	797.3	726.7	656.2	591.2
27.5°	1361.3	1334.2	1312.5	1258.2	1182.3	1079.3	1003.3	900.3	808.1	726.7	656.2
25°	1827.7	1822.3	1773.5	1681.3	1529.4	1366.7	1242.0	1068.4	927.4	802.7	721.3
22.5°	2907.0	2869.0	2755.1	2527.3	2169.4	1887.4	1632.5	1361.3	1106.4	938.3	808.1
20°	5374.7	5249.9	4946.2	4317.1	3514.4	2961.2	2326.7	1871.1	1442.6	1128.1	932.8
17.5°	10028.0	9946.7	9832.8	8379.3	6746.8	5575.3	4149.0	2869.0	2050.1	1475.2	1106.4
15°	18797.8	18195.8	16937.5	15196.6	12913.3	9979.2	7338.0	4631.7	2928.7	1963.3	1404.7
12.5°	32134.1	31467.0	28218.4	23863.3	19757.7	15581.7	10939.2	7039.7	4170.7	2494.8	1665.0
10°	64029.6	59186.5	50091.3	37384.1	29178.3	21759.0	15359.3	9605.0	5428.9	3151.0	1974.1
7.5°	131145.2	115319.5	88863.8	62733.4	40605.6	28538.4	19616.7	12560.8	7234.9	3942.9	2256.2
5°	237695.0	209617.6	157921.0	95089.9	58964.1	35767.9	23277.6	14936.3	8563.7	4588.3	2538.2
2.5°	362944.9	326623.8	228312.3	130754.7	72707.2	41364.9	25837.5	16498.2	9409.7	5027.6	2755.1
0°	433395.9	387133.6	268874.6	149699.0	79253.4	43740.4	27090.3	17436.5	10125.6	5385.5	2896.1
-2.5°	400350.6	363107.6	247099.3	139058.1	75733.5	42699.1	27269.3	17669.7	10245.0	5483.1	2961.2
-5°	282167.5	251600.8	170975.3	102617.7	64257.4	39331.1	25729.0	16791.1	9914.1	5342.1	2934.1
-7.5°	149281.4	135451.5	101397.4	73737.7	46902.3	33289.3	23163.7	15234.6	9057.2	4962.5	2771.4
-10°	77127.3	74290.9	64018.8	48258.1	37953.5	27887.5	19768.6	13027.2	7571.2	4273.7	2494.8
-12.5°	44467.1	43984.4	40681.5	34921.8	29102.4	22908.8	16221.6	10624.6	6318.4	3541.5	2104.3
-15°	28793.3	28999.4	27849.6	25452.4	22138.7	17143.6	12463.2	7902.0	4675.0	2869.0	1854.8
-17.5°	19649.3	19595.0	19058.1	17414.8	14746.4	11579.1	8260.0	5580.8	3541.5	2234.5	1540.3
-20°	12430.6	12452.3	11953.4	10819.8	8856.5	7137.3	5141.5	3763.9	2511.1	1757.2	1361.3



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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°	7213.2	7229.5	6914.9	6275.0	5244.5	4230.3	3340.9	2489.4	1849.4	1464.3	1193.2
-25°	4143.5	4078.5	3953.7	3644.6	3161.9	2608.7	2218.2	1751.8	1480.6	1242.0	1090.1
-27.5°	2511.1	2467.7	2402.6	2267.0	2077.2	1800.6	1621.6	1415.5	1258.2	1117.2	1025.0
-30°	1751.8	1768.1	1713.8	1643.3	1556.5	1431.8	1334.2	1236.6	1133.5	1046.7	960.0
-32.5°	1393.8	1404.7	1377.6	1350.4	1307.1	1258.2	1198.6	1128.1	1046.7	965.4	884.0
-35°	1198.6	1204.0	1204.0	1198.6	1187.7	1149.8	1106.4	1041.3	965.4	889.5	818.9
-37.5°	1101.0	1106.4	1106.4	1101.0	1084.7	1052.2	1008.8	954.5	884.0	813.5	759.3
-40°	997.9	1003.3	997.9	987.1	970.8	938.3	905.7	862.3	808.1	748.4	699.6
-42.5°	900.3	894.9	889.5	878.6	862.3	840.6	813.5	781.0	743.0	699.6	661.7
-45°	808.1	808.1	802.7	797.3	786.4	770.1	753.9	726.7	699.6	667.1	634.5
-47.5°	759.3	759.3	753.9	748.4	743.0	732.2	715.9	694.2	672.5	645.4	618.3
-50°	726.7	726.7	726.7	721.3	715.9	705.1	688.8	672.5	650.8	623.7	596.6
-52.5°	705.1	705.1	705.1	699.6	694.2	688.8	672.5	650.8	623.7	602.0	580.3
-55°	694.2	688.8	688.8	683.4	677.9	672.5	650.8	629.1	607.4	585.7	564.0
-57.5°	677.9	672.5	672.5	667.1	661.7	656.2	634.5	612.9	591.2	564.0	547.8
-60°	661.7	656.2	656.2	645.4	640.0	634.5	612.9	591.2	569.5	547.8	526.1
-62.5°	640.0	634.5	629.1	623.7	612.9	602.0	585.7	564.0	536.9	515.2	493.5
-65°	591.2	585.7	580.3	574.9	569.5	564.0	547.8	520.7	499.0	477.3	455.6
-67.5°	531.5	531.5	531.5	520.7	515.2	504.4	493.5	471.8	450.1	428.5	412.2
-70°	461.0	461.0	461.0	450.1	444.7	439.3	423.0	406.8	390.5	374.2	352.5
-72.5°	390.5	385.1	385.1	379.6	368.8	363.4	352.5	341.7	325.4	314.6	298.3
-75°	320.0	314.6	314.6	309.1	303.7	298.3	287.4	282.0	271.2	260.3	244.1
-77.5°	254.9	254.9	254.9	249.5	244.1	238.6	233.2	227.8	222.4	211.5	200.7
-80°	195.2	195.2	195.2	195.2	195.2	195.2	195.2	189.8	179.0	173.6	168.1
-82.5°	141.0	146.4	146.4	146.4	146.4	146.4	146.4	146.4	141.0	135.6	130.2
-85°	92.2	97.6	97.6	103.0	108.5	108.5	113.9	108.5	103.0	92.2	86.8
-87.5°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	43.4	43.4	43.4	38.0
-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	10.8	10.8	10.8
85°	10.8	10.8	10.8	10.8	16.3	16.3	16.3	21.7	21.7	21.7	21.7
82.5°	10.8	16.3	16.3	16.3	21.7	21.7	27.1	32.5	43.4	48.8	48.8
80°	10.8	16.3	16.3	16.3	21.7	21.7	27.1	27.1	32.5	38.0	48.8
77.5°	10.8	10.8	16.3	16.3	16.3	21.7	21.7	27.1	27.1	32.5	38.0
75°	5.4	10.8	10.8	10.8	16.3	16.3	21.7	21.7	27.1	27.1	32.5
72.5°	5.4	10.8	10.8	10.8	16.3	16.3	21.7	21.7	21.7	27.1	27.1
70°	5.4	10.8	10.8	10.8	10.8	16.3	16.3	16.3	21.7	21.7	21.7
67.5°	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.3	16.3	16.3	21.7
65°	5.4	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.3	16.3	16.3
62.5°	5.4	5.4	5.4	10.8	10.8	10.8	10.8	10.8	16.3	16.3	16.3
60°	21.7	21.7	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
57.5°	48.8	48.8	43.4	38.0	32.5	32.5	27.1	21.7	21.7	16.3	16.3
55°	81.4	75.9	70.5	59.7	54.2	48.8	43.4	32.5	27.1	21.7	16.3
52.5°	103.0	97.6	92.2	86.8	75.9	65.1	59.7	54.2	43.4	32.5	27.1
50°	151.9	135.6	124.7	113.9	103.0	92.2	81.4	75.9	59.7	48.8	38.0
47.5°	184.4	173.6	157.3	146.4	135.6	119.3	103.0	92.2	81.4	65.1	48.8
45°	211.5	200.7	184.4	173.6	162.7	146.4	130.2	113.9	103.0	86.8	65.1
42.5°	238.6	227.8	211.5	200.7	184.4	168.1	151.9	135.6	119.3	108.5	86.8
40°	276.6	260.3	238.6	227.8	216.9	195.2	173.6	157.3	141.0	124.7	103.0
37.5°	325.4	309.1	282.0	260.3	244.1	227.8	206.1	184.4	168.1	146.4	124.7
35°	401.3	374.2	336.3	303.7	282.0	260.3	233.2	211.5	189.8	168.1	146.4
32.5°	477.3	433.9	385.1	347.1	314.6	287.4	260.3	238.6	211.5	184.4	162.7
30°	536.9	488.1	439.3	385.1	347.1	314.6	287.4	260.3	233.2	206.1	179.0
27.5°	596.6	542.3	488.1	433.9	379.6	336.3	309.1	282.0	254.9	227.8	195.2
25°	656.2	596.6	542.3	482.7	417.6	368.8	330.8	309.1	282.0	249.5	211.5
22.5°	710.5	656.2	602.0	536.9	461.0	395.9	357.9	330.8	303.7	265.8	233.2
20°	813.5	743.0	677.9	596.6	509.8	444.7	395.9	357.9	325.4	287.4	249.5
17.5°	949.1	846.1	759.3	667.1	580.3	499.0	428.5	385.1	352.5	309.1	265.8
15°	1122.7	943.7	835.2	743.0	640.0	547.8	471.8	412.2	368.8	325.4	287.4
12.5°	1252.8	1019.6	900.3	813.5	705.1	602.0	504.4	433.9	385.1	341.7	298.3
10°	1399.3	1101.0	954.5	856.9	743.0	629.1	526.1	450.1	395.9	357.9	314.6
7.5°	1518.6	1166.0	981.7	873.2	764.7	650.8	547.8	466.4	412.2	368.8	325.4
5°	1627.0	1220.3	1003.3	878.6	775.6	667.1	558.6	477.3	423.0	379.6	336.3
2.5°	1703.0	1269.1	1025.0	889.5	786.4	677.9	574.9	488.1	433.9	390.5	347.1
0°	1768.1	1285.4	1019.6	889.5	791.8	677.9	580.3	493.5	439.3	395.9	352.5
-2.5°	1789.7	1312.5	1046.7	900.3	802.7	688.8	591.2	499.0	444.7	401.3	363.4
-5°	1789.7	1290.8	1046.7	911.1	808.1	694.2	591.2	504.4	450.1	406.8	363.4
-7.5°	1724.7	1258.2	1041.3	922.0	813.5	699.6	591.2	509.8	455.6	412.2	368.8
-10°	1610.8	1209.4	1035.9	927.4	813.5	694.2	591.2	509.8	455.6	412.2	374.2
-12.5°	1426.4	1144.4	1008.8	916.6	802.7	683.4	585.7	509.8	455.6	417.6	374.2
-15°	1334.2	1090.1	976.2	884.0	775.6	667.1	574.9	504.4	455.6	417.6	379.6
-17.5°	1209.4	1046.7	943.7	851.5	753.9	650.8	564.0	504.4	455.6	412.2	379.6
-20°	1122.7	997.9	905.7	824.4	726.7	634.5	558.6	499.0	455.6	412.2	379.6



REPORT NUMBER: P724089

CATALOG NUMBER: IFLD-L-SA7B-730-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°	1046.7	943.7	862.3	781.0	694.2	612.9	547.8	493.5	450.1	412.2	379.6
-25°	987.1	894.9	818.9	743.0	667.1	596.6	536.9	488.1	444.7	412.2	374.2
-27.5°	932.8	846.1	775.6	705.1	634.5	580.3	526.1	482.7	444.7	406.8	368.8
-30°	873.2	802.7	732.2	667.1	618.3	564.0	515.2	471.8	439.3	401.3	363.4
-32.5°	813.5	748.4	688.8	640.0	596.6	553.2	509.8	466.4	428.5	390.5	352.5
-35°	759.3	699.6	656.2	612.9	580.3	542.3	499.0	455.6	423.0	385.1	352.5
-37.5°	705.1	661.7	623.7	591.2	558.6	526.1	482.7	444.7	412.2	374.2	336.3
-40°	661.7	629.1	602.0	574.9	542.3	504.4	471.8	433.9	401.3	363.4	320.0
-42.5°	634.5	607.4	580.3	553.2	526.1	493.5	461.0	423.0	390.5	352.5	309.1
-45°	607.4	585.7	564.0	542.3	515.2	482.7	444.7	406.8	374.2	336.3	303.7
-47.5°	591.2	569.5	547.8	531.5	509.8	466.4	433.9	395.9	357.9	325.4	287.4
-50°	574.9	553.2	536.9	515.2	488.1	450.1	417.6	379.6	347.1	309.1	276.6
-52.5°	558.6	536.9	515.2	493.5	466.4	433.9	401.3	368.8	330.8	292.9	260.3
-55°	542.3	520.7	499.0	477.3	450.1	423.0	390.5	347.1	309.1	271.2	238.6
-57.5°	526.1	509.8	482.7	455.6	428.5	401.3	363.4	325.4	287.4	249.5	222.4
-60°	504.4	482.7	461.0	428.5	401.3	368.8	336.3	303.7	265.8	233.2	206.1
-62.5°	471.8	450.1	428.5	395.9	368.8	341.7	314.6	276.6	249.5	216.9	189.8
-65°	433.9	412.2	390.5	363.4	336.3	309.1	287.4	254.9	227.8	200.7	179.0
-67.5°	390.5	368.8	352.5	325.4	303.7	276.6	254.9	227.8	200.7	179.0	157.3
-70°	336.3	320.0	303.7	282.0	260.3	238.6	216.9	195.2	173.6	157.3	135.6
-72.5°	287.4	271.2	254.9	238.6	222.4	200.7	184.4	168.1	151.9	135.6	124.7
-75°	233.2	222.4	211.5	200.7	184.4	168.1	157.3	141.0	130.2	119.3	113.9
-77.5°	195.2	184.4	173.6	162.7	151.9	141.0	130.2	119.3	113.9	108.5	103.0
-80°	157.3	151.9	146.4	135.6	130.2	119.3	113.9	103.0	103.0	103.0	103.0
-82.5°	124.7	119.3	113.9	108.5	103.0	97.6	97.6	92.2	97.6	97.6	92.2
-85°	86.8	81.4	75.9	75.9	70.5	70.5	65.1	65.1	65.1	59.7	59.7
-87.5°	38.0	38.0	38.0	38.0	32.5	32.5	32.5	32.5	32.5	27.1	27.1
-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: P724089
 CATALOG NUMBER: IFLD-L-SA7B-730-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°	10.8	10.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0
85°	21.7	21.7	16.3	16.3	16.3	10.8	10.8	5.4	5.4	5.4	5.4
82.5°	48.8	43.4	38.0	32.5	27.1	21.7	16.3	10.8	10.8	5.4	5.4
80°	59.7	59.7	59.7	54.2	43.4	32.5	21.7	16.3	10.8	5.4	5.4
77.5°	43.4	43.4	48.8	54.2	54.2	43.4	27.1	16.3	10.8	10.8	5.4
75°	32.5	32.5	32.5	38.0	43.4	43.4	32.5	21.7	10.8	10.8	5.4
72.5°	32.5	32.5	32.5	32.5	32.5	32.5	32.5	21.7	16.3	10.8	10.8
70°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	21.7	16.3	10.8	10.8
67.5°	21.7	21.7	27.1	27.1	27.1	21.7	21.7	21.7	16.3	10.8	10.8
65°	16.3	21.7	21.7	27.1	21.7	21.7	21.7	16.3	16.3	10.8	10.8
62.5°	16.3	16.3	21.7	21.7	21.7	21.7	16.3	16.3	16.3	10.8	10.8
60°	16.3	16.3	16.3	21.7	16.3	16.3	16.3	16.3	16.3	10.8	10.8
57.5°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8
55°	16.3	16.3	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8
52.5°	21.7	16.3	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8
50°	27.1	16.3	16.3	16.3	16.3	10.8	10.8	10.8	10.8	10.8	10.8
47.5°	38.0	27.1	21.7	16.3	16.3	10.8	10.8	10.8	10.8	10.8	5.4
45°	54.2	38.0	27.1	21.7	16.3	10.8	10.8	10.8	10.8	10.8	5.4
42.5°	65.1	48.8	32.5	27.1	21.7	16.3	10.8	10.8	10.8	5.4	5.4
40°	81.4	65.1	43.4	32.5	21.7	16.3	10.8	10.8	10.8	5.4	5.4
37.5°	103.0	81.4	54.2	38.0	27.1	16.3	16.3	10.8	10.8	5.4	5.4
35°	119.3	92.2	70.5	43.4	32.5	21.7	16.3	10.8	10.8	5.4	5.4
32.5°	135.6	108.5	86.8	54.2	38.0	27.1	21.7	10.8	10.8	5.4	5.4
30°	151.9	124.7	97.6	70.5	48.8	32.5	21.7	10.8	10.8	5.4	5.4
27.5°	168.1	135.6	108.5	81.4	54.2	38.0	27.1	16.3	10.8	5.4	5.4
25°	184.4	151.9	119.3	92.2	59.7	43.4	27.1	16.3	10.8	10.8	5.4
22.5°	195.2	168.1	135.6	103.0	70.5	48.8	32.5	21.7	10.8	10.8	5.4
20°	211.5	184.4	146.4	113.9	81.4	54.2	32.5	21.7	10.8	10.8	5.4
17.5°	227.8	195.2	157.3	124.7	92.2	59.7	38.0	27.1	10.8	10.8	5.4
15°	244.1	206.1	168.1	130.2	97.6	65.1	38.0	27.1	10.8	10.8	5.4
12.5°	260.3	222.4	179.0	141.0	103.0	70.5	43.4	32.5	16.3	10.8	5.4
10°	271.2	233.2	189.8	146.4	108.5	81.4	48.8	32.5	16.3	10.8	5.4
7.5°	287.4	244.1	200.7	157.3	113.9	86.8	54.2	32.5	16.3	10.8	5.4
5°	292.9	254.9	206.1	168.1	119.3	92.2	59.7	38.0	16.3	10.8	5.4
2.5°	298.3	265.8	211.5	173.6	124.7	92.2	59.7	38.0	21.7	10.8	5.4
0°	303.7	271.2	216.9	179.0	130.2	97.6	65.1	38.0	21.7	10.8	5.4
-2.5°	309.1	276.6	227.8	184.4	135.6	103.0	70.5	38.0	21.7	10.8	5.4
-5°	314.6	276.6	238.6	189.8	141.0	103.0	70.5	43.4	27.1	10.8	5.4
-7.5°	320.0	282.0	244.1	195.2	146.4	103.0	75.9	43.4	27.1	16.3	5.4
-10°	325.4	287.4	249.5	200.7	146.4	108.5	75.9	43.4	27.1	16.3	5.4
-12.5°	330.8	292.9	249.5	200.7	151.9	108.5	75.9	48.8	27.1	16.3	5.4
-15°	336.3	292.9	249.5	200.7	151.9	113.9	81.4	48.8	27.1	16.3	10.8
-17.5°	336.3	292.9	249.5	206.1	151.9	113.9	81.4	48.8	27.1	16.3	10.8
-20°	336.3	292.9	249.5	206.1	151.9	113.9	81.4	48.8	27.1	16.3	10.8



REPORT NUMBER: P724089
 CATALOG NUMBER: IFLD-L-SA7B-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	330.8	287.4	249.5	200.7	151.9	113.9	81.4	48.8	32.5	16.3	10.8
-25°	330.8	287.4	249.5	200.7	151.9	113.9	75.9	48.8	32.5	16.3	10.8
-27.5°	325.4	287.4	244.1	195.2	146.4	108.5	75.9	48.8	32.5	16.3	10.8
-30°	320.0	282.0	238.6	189.8	146.4	108.5	75.9	48.8	32.5	16.3	10.8
-32.5°	314.6	271.2	233.2	184.4	141.0	103.0	75.9	48.8	32.5	16.3	10.8
-35°	303.7	265.8	222.4	179.0	135.6	103.0	70.5	48.8	32.5	21.7	10.8
-37.5°	292.9	254.9	216.9	173.6	130.2	97.6	70.5	48.8	32.5	21.7	10.8
-40°	282.0	249.5	206.1	162.7	124.7	92.2	70.5	48.8	32.5	21.7	16.3
-42.5°	271.2	238.6	200.7	157.3	124.7	92.2	65.1	48.8	32.5	21.7	16.3
-45°	265.8	233.2	189.8	151.9	119.3	92.2	65.1	43.4	32.5	21.7	16.3
-47.5°	254.9	216.9	179.0	146.4	113.9	86.8	59.7	43.4	32.5	21.7	16.3
-50°	238.6	206.1	173.6	141.0	108.5	81.4	59.7	43.4	32.5	21.7	16.3
-52.5°	222.4	189.8	162.7	130.2	103.0	81.4	59.7	43.4	32.5	21.7	16.3
-55°	206.1	179.0	151.9	124.7	97.6	75.9	54.2	43.4	32.5	21.7	16.3
-57.5°	195.2	168.1	141.0	113.9	92.2	70.5	54.2	38.0	27.1	21.7	16.3
-60°	184.4	157.3	130.2	108.5	86.8	70.5	54.2	38.0	27.1	21.7	10.8
-62.5°	168.1	146.4	119.3	103.0	81.4	65.1	48.8	38.0	27.1	21.7	10.8
-65°	151.9	130.2	108.5	92.2	75.9	59.7	48.8	38.0	27.1	21.7	10.8
-67.5°	135.6	119.3	103.0	86.8	70.5	59.7	48.8	38.0	27.1	16.3	10.8
-70°	124.7	108.5	92.2	81.4	70.5	54.2	48.8	38.0	27.1	16.3	10.8
-72.5°	108.5	97.6	86.8	75.9	65.1	59.7	48.8	38.0	21.7	16.3	10.8
-75°	103.0	92.2	81.4	75.9	70.5	59.7	48.8	32.5	21.7	16.3	10.8
-77.5°	103.0	92.2	86.8	81.4	70.5	59.7	43.4	27.1	16.3	16.3	10.8
-80°	103.0	97.6	92.2	75.9	65.1	48.8	32.5	27.1	16.3	10.8	5.4
-82.5°	92.2	75.9	65.1	54.2	48.8	38.0	27.1	21.7	10.8	10.8	5.4
-85°	59.7	48.8	43.4	38.0	32.5	27.1	16.3	10.8	10.8	5.4	5.4
-87.5°	27.1	27.1	21.7	16.3	16.3	10.8	10.8	5.4	5.4	5.4	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: P724089
 CATALOG NUMBER: IFLD-L-SA7B-730-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°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	5.4	5.4	0.0	0.0
67.5°	5.4	5.4	0.0	0.0
65°	5.4	5.4	0.0	0.0
62.5°	5.4	5.4	0.0	0.0
60°	5.4	5.4	0.0	0.0
57.5°	5.4	5.4	5.4	0.0
55°	5.4	5.4	5.4	0.0
52.5°	5.4	5.4	5.4	0.0
50°	5.4	5.4	5.4	0.0
47.5°	5.4	5.4	5.4	0.0
45°	5.4	5.4	5.4	0.0
42.5°	5.4	5.4	5.4	0.0
40°	5.4	5.4	5.4	0.0
37.5°	5.4	5.4	5.4	0.0
35°	5.4	5.4	5.4	0.0
32.5°	5.4	5.4	5.4	0.0
30°	5.4	5.4	5.4	0.0
27.5°	5.4	5.4	5.4	0.0
25°	5.4	5.4	5.4	0.0
22.5°	5.4	5.4	5.4	0.0
20°	5.4	5.4	5.4	0.0
17.5°	5.4	5.4	5.4	0.0
15°	5.4	5.4	5.4	0.0
12.5°	5.4	5.4	5.4	0.0
10°	5.4	5.4	5.4	0.0
7.5°	5.4	5.4	5.4	0.0
5°	5.4	5.4	5.4	0.0
2.5°	5.4	5.4	5.4	0.0
0°	5.4	5.4	5.4	0.0
-2.5°	5.4	5.4	5.4	0.0
-5°	5.4	5.4	5.4	0.0
-7.5°	5.4	5.4	5.4	0.0
-10°	5.4	5.4	5.4	0.0
-12.5°	5.4	5.4	5.4	0.0
-15°	5.4	5.4	5.4	0.0
-17.5°	5.4	5.4	5.4	0.0
-20°	5.4	5.4	5.4	0.0



REPORT NUMBER: P724089
CATALOG NUMBER: IFLD-L-SA7B-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.4	5.4	5.4	0.0
-25°	5.4	5.4	5.4	0.0
-27.5°	5.4	5.4	5.4	0.0
-30°	5.4	5.4	5.4	0.0
-32.5°	5.4	5.4	5.4	0.0
-35°	5.4	5.4	5.4	0.0
-37.5°	5.4	5.4	5.4	0.0
-40°	5.4	5.4	5.4	0.0
-42.5°	5.4	5.4	5.4	0.0
-45°	5.4	5.4	5.4	0.0
-47.5°	5.4	5.4	5.4	0.0
-50°	5.4	5.4	5.4	0.0
-52.5°	5.4	5.4	5.4	0.0
-55°	5.4	5.4	5.4	0.0
-57.5°	5.4	5.4	5.4	0.0
-60°	5.4	5.4	0.0	0.0
-62.5°	5.4	5.4	0.0	0.0
-65°	5.4	5.4	0.0	0.0
-67.5°	5.4	5.4	0.0	0.0
-70°	5.4	5.4	0.0	0.0
-72.5°	5.4	5.4	0.0	0.0
-75°	5.4	5.4	0.0	0.0
-77.5°	5.4	0.0	0.0	0.0
-80°	5.4	0.0	0.0	0.0
-82.5°	5.4	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)