

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: P640004

Luminaire Tested: **IFLD-L-SA8A-AMB-U-55-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640004
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-AMB-U-55-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 5
distribution lens and VISOR
Light Source: (128) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	7583.8 lumens	Max Intensity:	11241.6 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x -10°V
Efficacy:	30.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	46.9°H x 49.2°V	Field Angle (10%):	68.9°H x 71.9°V
Beam Lumens:	5043.6 lumens	Field Lumens:	6832.8 lumens
Beam Efficiency:	66.5%	Field Efficiency:	90.1%

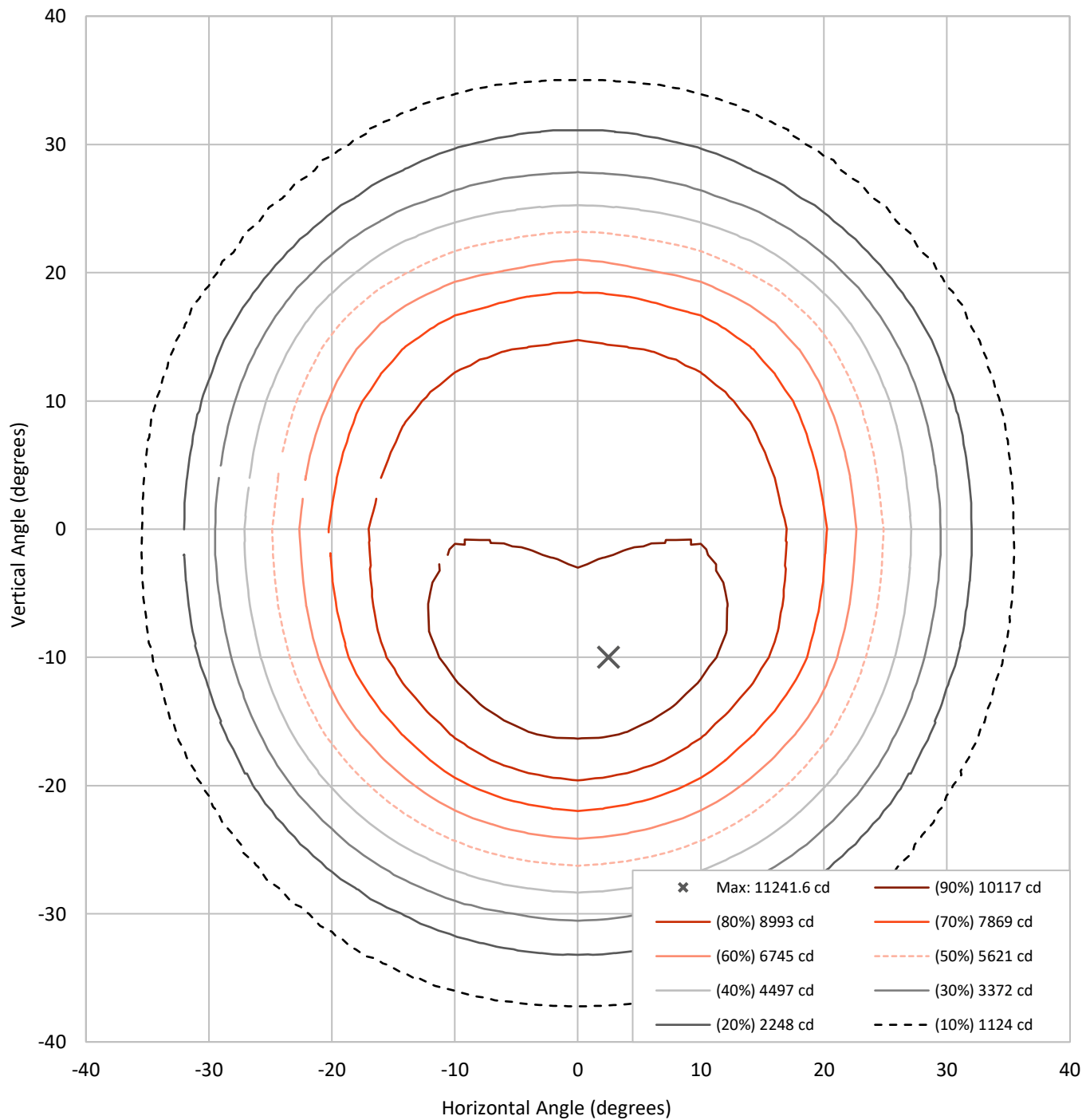
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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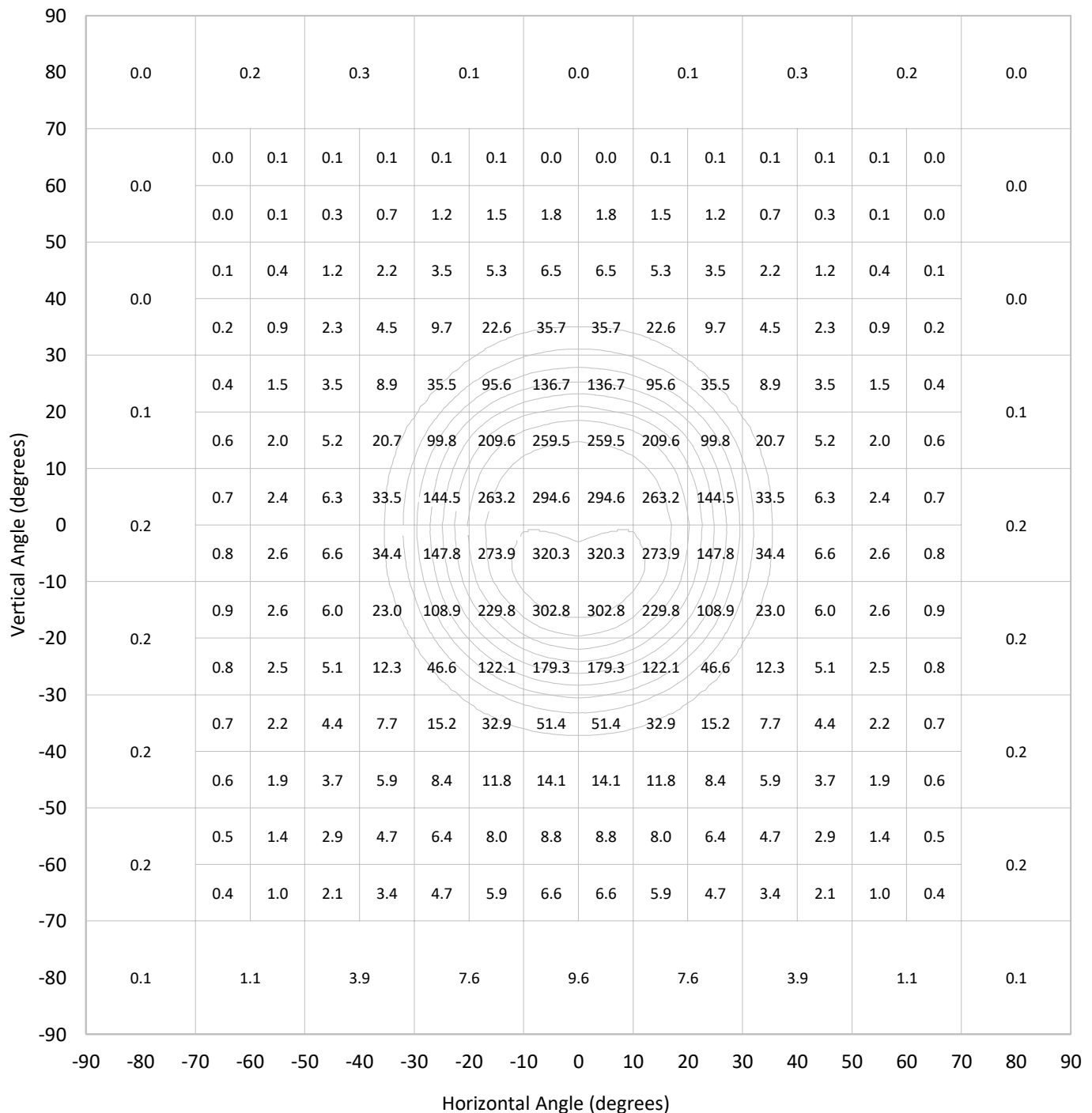
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-VI

Iso-Candela Plot



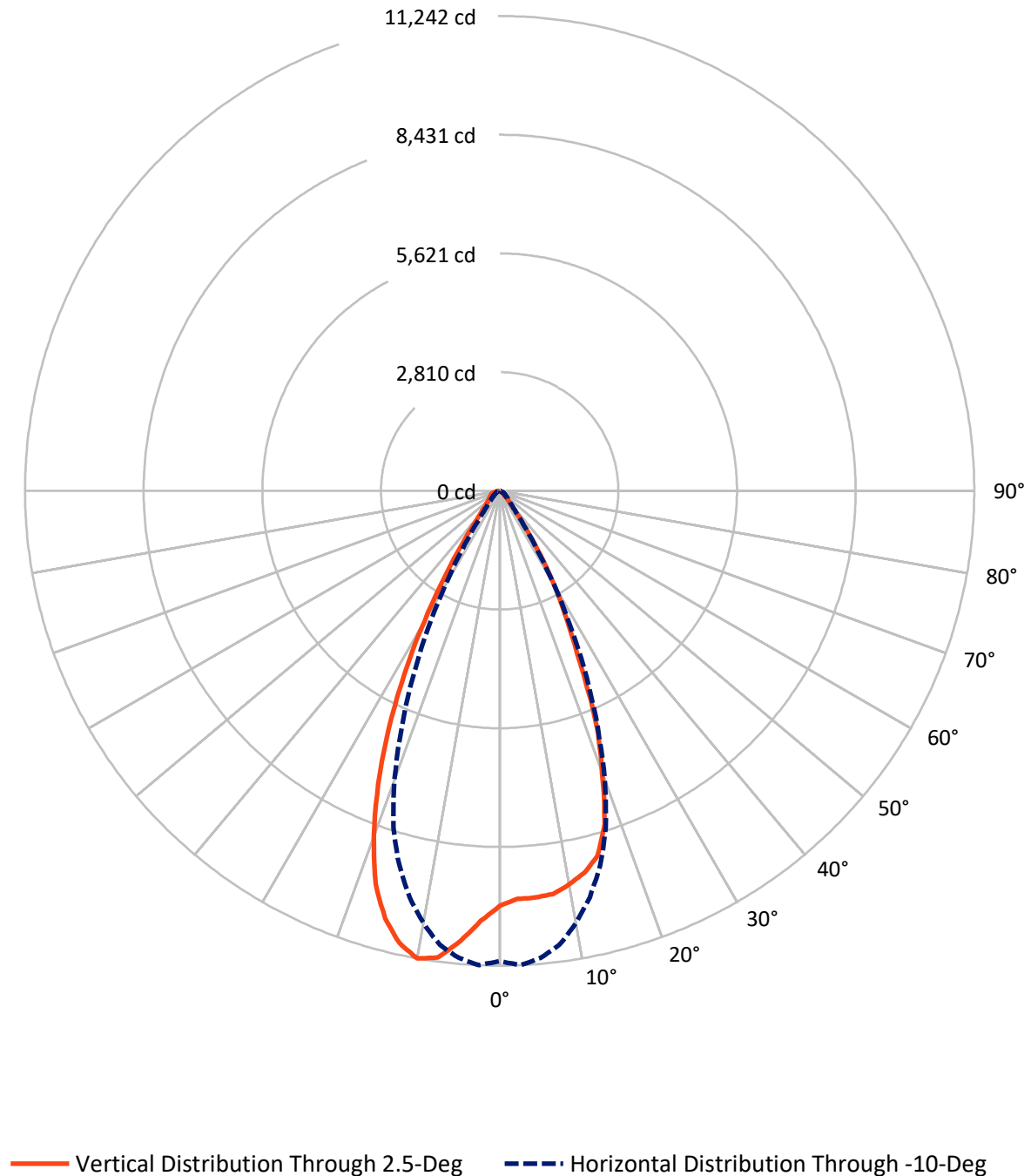
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Lumen Table



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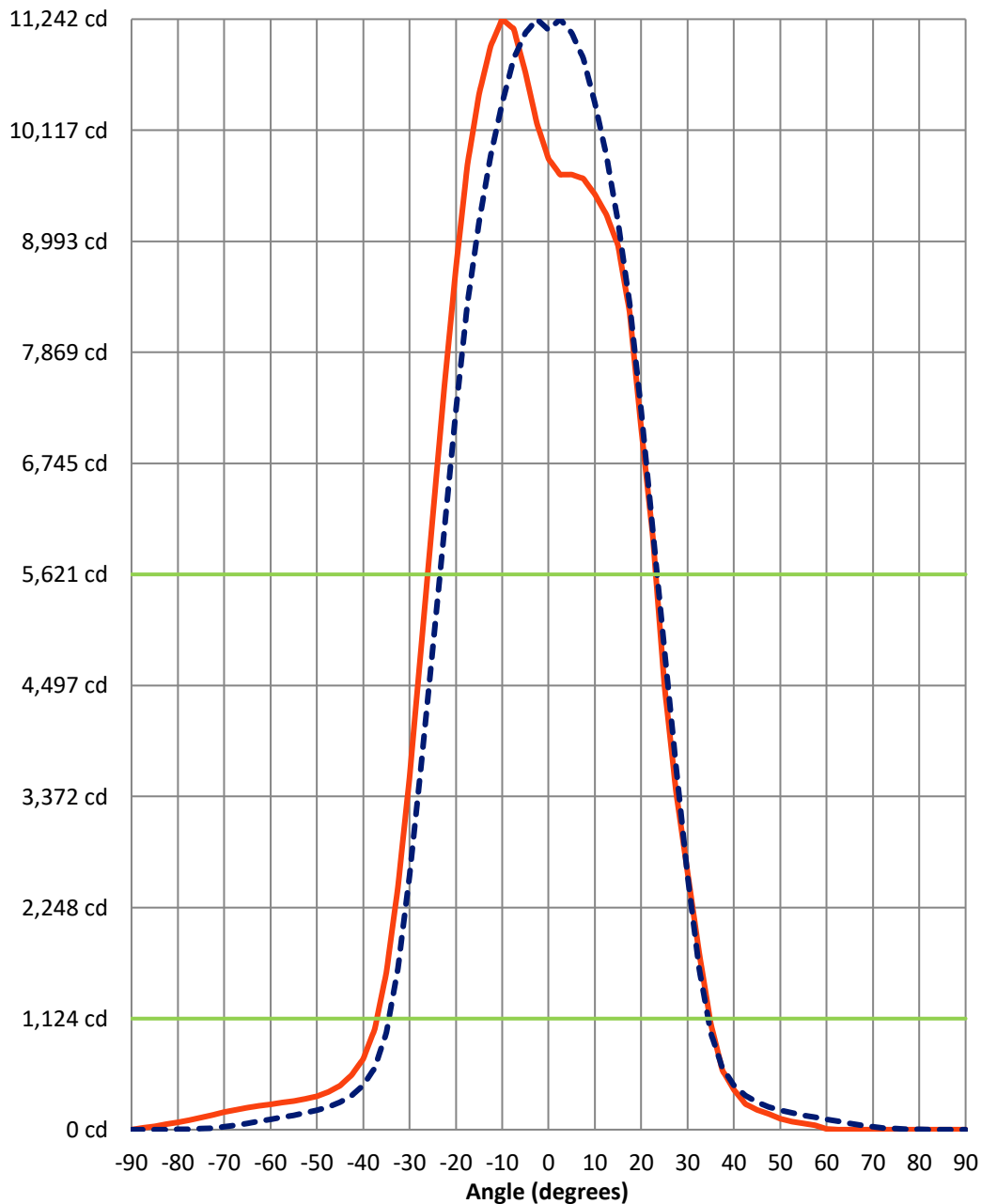
Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:

H Angle: 46.9°

V Angle: 49.2°

Lumens: 5043.6

Efficiency: 66.5%

Field:

H Angle: 68.9°

V Angle: 71.9°

Lumens: 6832.8

Efficiency: 90.1%

Spill:

Lumens: 751.1

Efficiency: 9.9%

— Vertical Distribution through 2.5-Deg

- - - Horizontal Distribution through -10-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	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60°	7.4	7.4	7.4	7.4	7.4	7.4	11.1	11.1	11.1	7.4	11.1
57.5°	44.5	44.5	40.8	40.8	37.1	33.4	29.7	29.7	33.4	29.7	26.0
55°	63.1	63.1	63.1	59.4	55.7	55.7	51.9	51.9	48.2	44.5	40.8
52.5°	77.9	81.6	81.6	81.6	77.9	74.2	70.5	66.8	63.1	63.1	59.4
50°	111.3	111.3	111.3	115.0	115.0	111.3	100.2	92.8	85.3	81.6	77.9
47.5°	155.8	159.5	155.8	155.8	152.1	148.4	137.3	126.1	115.0	107.6	103.9
45°	204.1	200.3	196.6	196.6	192.9	181.8	167.0	152.1	141.0	133.6	122.4
42.5°	263.4	259.7	256.0	256.0	248.6	237.4	215.2	189.2	178.1	159.5	144.7
40°	408.1	404.4	397.0	385.8	363.6	333.9	300.5	270.8	237.4	207.8	185.5
37.5°	608.5	604.7	593.6	575.1	545.4	500.9	434.1	385.8	330.2	278.3	244.9
35°	1087.1	1075.9	1031.4	972.0	883.0	768.0	660.4	560.2	456.3	382.1	315.4
32.5°	1788.3	1792.0	1721.5	1621.3	1446.9	1224.3	1012.9	827.3	645.6	519.4	408.1
30°	2608.2	2604.5	2478.3	2337.4	2151.8	1892.1	1591.6	1254.0	946.1	719.8	545.4
27.5°	3483.8	3428.1	3350.2	3179.5	2934.7	2626.7	2285.4	1873.6	1450.6	1001.7	749.4
25°	4530.0	4504.0	4396.4	4229.5	3929.0	3558.0	3179.5	2615.6	2118.5	1539.7	1053.7
22.5°	6103.1	6002.9	5787.7	5528.0	5246.1	4808.3	4318.5	3661.9	2968.1	2266.9	1595.3
20°	7190.1	7097.4	6882.2	6707.8	6407.3	5917.6	5379.6	4678.4	3895.6	3068.2	2248.3
17.5°	8306.9	8273.5	8121.4	7820.9	7609.4	7075.1	6522.3	5713.5	4837.9	3921.6	2934.7
15°	9022.9	8948.7	8856.0	8741.0	8455.3	8047.2	7472.1	6681.9	5739.5	4678.4	3617.3
12.5°	9323.4	9260.4	9245.5	9171.3	8956.1	8633.4	8091.7	7334.8	6373.9	5301.7	4188.7
10°	9516.4	9468.1	9527.5	9486.7	9338.3	9045.2	8588.8	7924.7	6878.5	5791.4	4641.3
7.5°	9649.9	9627.7	9698.2	9727.8	9635.1	9364.3	8945.0	8277.2	7334.8	6195.8	4978.9
5°	9631.4	9668.5	9772.4	9839.1	9772.4	9564.6	9182.5	8559.2	7657.6	6518.6	5227.5
2.5°	9564.6	9668.5	9794.6	9883.7	9876.2	9705.6	9327.2	8722.4	7820.9	6700.4	5375.9
0°	9698.2	9828.0	9950.4	10035.8	10043.2	9894.8	9512.7	8900.5	7991.5	6841.4	5535.4
-2.5°	9965.3	10184.2	10280.6	10291.8	10202.7	9950.4	9512.7	8856.0	7902.5	6756.1	5494.6
-5°	10566.3	10703.6	10722.1	10662.8	10432.8	10065.5	9546.0	8815.2	7813.4	6641.1	5394.5
-7.5°	11015.2	11141.4	11052.3	10874.3	10588.6	10080.3	9468.1	8640.8	7598.3	6411.0	5164.4
-10°	11134.0	11241.6	11100.6	10844.6	10391.9	9857.7	9186.2	8362.5	7275.5	6066.0	4863.9
-12.5°	10959.6	10967.0	10822.3	10488.4	9987.5	9408.8	8681.6	7820.9	6774.6	5617.1	4478.1
-15°	10492.1	10481.0	10291.8	9913.3	9379.1	8748.4	7987.8	7145.6	6177.3	5056.8	3962.4
-17.5°	9813.2	9768.7	9546.0	9134.2	8655.6	7932.2	7182.7	6329.4	5390.8	4396.4	3391.0
-20°	8833.7	8715.0	8503.5	8125.1	7620.5	6978.7	6255.2	5446.4	4567.1	3669.3	2723.2

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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°	7627.9	7512.9	7305.2	6960.1	6503.8	5921.3	5272.0	4515.2	3702.7	2856.8	2051.7
-25°	6296.0	6199.6	6017.8	5717.2	5298.0	4782.3	4196.1	3517.2	2790.0	2085.1	1465.5
-27.5°	4949.3	4875.1	4715.5	4444.7	4070.0	3628.5	3116.5	2530.3	1984.9	1435.8	1087.1
-30°	3613.6	3565.4	3402.1	3198.1	2912.4	2534.0	2151.8	1732.6	1350.5	1050.0	797.7
-32.5°	2485.8	2456.1	2329.9	2177.8	1962.6	1684.4	1417.3	1187.2	953.5	775.4	604.7
-35°	1587.9	1591.6	1513.7	1421.0	1294.8	1131.6	968.3	842.2	701.2	593.6	497.2
-37.5°	1027.7	1020.3	983.2	938.7	875.6	790.2	693.8	627.0	549.1	474.9	419.2
-40°	723.5	716.0	693.8	667.8	638.1	597.3	545.4	500.9	452.6	400.7	367.3
-42.5°	556.5	552.8	541.7	526.8	508.3	482.3	448.9	419.2	385.8	356.2	326.5
-45°	445.2	445.2	441.5	434.1	422.9	408.1	385.8	363.6	341.3	319.1	296.8
-47.5°	382.1	382.1	378.4	374.7	367.3	356.2	341.3	322.8	307.9	289.4	274.5
-50°	337.6	337.6	333.9	333.9	330.2	322.8	307.9	296.8	282.0	270.8	256.0
-52.5°	311.6	311.6	307.9	307.9	304.2	300.5	289.4	274.5	263.4	252.3	244.9
-55°	289.4	289.4	289.4	285.7	285.7	282.0	270.8	259.7	248.6	237.4	230.0
-57.5°	274.5	274.5	274.5	270.8	267.1	263.4	256.0	244.9	237.4	226.3	218.9
-60°	259.7	256.0	256.0	252.3	248.6	248.6	237.4	230.0	218.9	211.5	204.1
-62.5°	244.9	241.2	241.2	237.4	233.7	230.0	222.6	215.2	204.1	192.9	189.2
-65°	226.3	222.6	222.6	218.9	215.2	211.5	204.1	196.6	185.5	178.1	170.7
-67.5°	200.3	200.3	200.3	196.6	192.9	189.2	181.8	174.4	167.0	159.5	152.1
-70°	178.1	178.1	178.1	174.4	167.0	163.2	159.5	152.1	144.7	141.0	133.6
-72.5°	148.4	148.4	148.4	144.7	141.0	137.3	133.6	129.9	122.4	118.7	111.3
-75°	122.4	122.4	122.4	118.7	115.0	115.0	111.3	103.9	100.2	96.5	92.8
-77.5°	96.5	96.5	96.5	92.8	92.8	92.8	89.0	85.3	81.6	77.9	74.2
-80°	74.2	74.2	74.2	74.2	74.2	70.5	70.5	66.8	66.8	63.1	59.4
-82.5°	51.9	55.7	55.7	55.7	51.9	51.9	48.2	48.2	48.2	44.5	44.5
-85°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	29.7	29.7	29.7	26.0
-87.5°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	14.8	14.8	14.8
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	3.7	3.7	3.7
82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4
80°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4
77.5°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4
75°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
72.5°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
70°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
67.5°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
65°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60°	11.1	7.4	3.7	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7
57.5°	22.3	22.3	18.6	14.8	14.8	11.1	11.1	7.4	7.4	3.7	3.7
55°	37.1	33.4	29.7	29.7	26.0	22.3	14.8	11.1	7.4	7.4	7.4
52.5°	51.9	48.2	44.5	40.8	37.1	33.4	29.7	22.3	14.8	11.1	7.4
50°	74.2	66.8	63.1	55.7	51.9	44.5	40.8	33.4	26.0	18.6	14.8
47.5°	96.5	89.0	81.6	74.2	66.8	59.4	51.9	44.5	37.1	26.0	18.6
45°	115.0	103.9	96.5	89.0	81.6	70.5	63.1	55.7	48.2	37.1	26.0
42.5°	137.3	126.1	111.3	100.2	92.8	85.3	74.2	66.8	59.4	48.2	37.1
40°	167.0	152.1	137.3	122.4	111.3	100.2	89.0	77.9	66.8	59.4	48.2
37.5°	215.2	189.2	167.0	148.4	133.6	118.7	103.9	89.0	77.9	70.5	55.7
35°	274.5	233.7	204.1	174.4	155.8	137.3	122.4	103.9	89.0	77.9	66.8
32.5°	341.3	285.7	241.2	204.1	178.1	155.8	137.3	118.7	100.2	89.0	74.2
30°	422.9	345.0	282.0	233.7	200.3	174.4	148.4	129.9	111.3	96.5	81.6
27.5°	549.1	415.5	333.9	274.5	226.3	189.2	163.2	141.0	126.1	107.6	92.8
25°	753.1	526.8	397.0	322.8	259.7	211.5	178.1	155.8	137.3	118.7	100.2
22.5°	1016.6	708.6	512.0	385.8	296.8	233.7	200.3	174.4	152.1	129.9	107.6
20°	1532.3	968.3	645.6	463.8	352.5	274.5	226.3	192.9	163.2	141.0	115.0
17.5°	2062.8	1339.3	860.7	571.4	408.1	311.6	252.3	211.5	178.1	148.4	122.4
15°	2645.3	1762.3	1057.4	667.8	463.8	352.5	282.0	230.0	192.9	159.5	133.6
12.5°	3123.9	2118.5	1298.5	805.1	541.7	393.3	304.2	244.9	204.1	167.0	141.0
10°	3532.0	2470.9	1554.5	934.9	597.3	422.9	322.8	256.0	211.5	174.4	144.7
7.5°	3851.1	2752.9	1751.2	1024.0	641.8	445.2	333.9	267.1	218.9	181.8	152.1
5°	4066.3	2953.2	1892.1	1087.1	671.5	463.8	345.0	274.5	222.6	189.2	155.8
2.5°	4192.4	3120.2	2014.6	1142.7	697.5	478.6	356.2	282.0	230.0	192.9	159.5
0°	4296.3	3138.7	2033.1	1153.8	701.2	486.0	363.6	282.0	230.0	192.9	163.2
-2.5°	4270.3	3142.4	2040.5	1183.5	704.9	486.0	363.6	285.7	233.7	196.6	167.0
-5°	4155.3	3005.2	1940.4	1142.7	686.4	474.9	356.2	285.7	233.7	196.6	167.0
-7.5°	3947.5	2830.8	1814.2	1079.6	664.1	463.8	352.5	282.0	233.7	196.6	167.0
-10°	3684.1	2571.1	1632.4	983.2	627.0	448.9	345.0	278.3	230.0	196.6	170.7
-12.5°	3309.4	2233.5	1398.7	868.2	578.8	426.7	333.9	274.5	230.0	196.6	170.7
-15°	2867.9	1895.9	1179.8	745.7	519.4	400.7	322.8	263.4	222.6	192.9	167.0
-17.5°	2344.8	1539.7	998.0	667.8	482.3	378.4	307.9	256.0	218.9	189.2	167.0
-20°	1862.5	1205.8	801.4	571.4	441.5	356.2	293.1	248.6	215.2	189.2	167.0

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CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1354.2	949.8	675.2	504.6	400.7	326.5	278.3	241.2	207.8	185.5	163.2
-25°	1053.7	749.4	556.5	445.2	367.3	307.9	267.1	230.0	204.1	181.8	159.5
-27.5°	790.2	597.3	482.3	397.0	333.9	289.4	252.3	222.6	196.6	178.1	155.8
-30°	608.5	500.9	415.5	356.2	311.6	274.5	241.2	215.2	192.9	170.7	152.1
-32.5°	504.6	422.9	367.3	326.5	289.4	259.7	233.7	207.8	185.5	167.0	148.4
-35°	426.7	371.0	333.9	296.8	270.8	244.9	222.6	200.3	181.8	163.2	144.7
-37.5°	371.0	333.9	304.2	278.3	256.0	233.7	211.5	192.9	174.4	159.5	141.0
-40°	330.2	304.2	282.0	263.4	241.2	222.6	204.1	185.5	170.7	152.1	133.6
-42.5°	300.5	282.0	263.4	248.6	230.0	211.5	196.6	178.1	163.2	144.7	129.9
-45°	278.3	263.4	248.6	233.7	218.9	204.1	185.5	170.7	155.8	137.3	122.4
-47.5°	259.7	248.6	233.7	222.6	207.8	192.9	178.1	163.2	148.4	133.6	115.0
-50°	244.9	233.7	222.6	211.5	196.6	181.8	170.7	155.8	137.3	122.4	107.6
-52.5°	233.7	222.6	211.5	200.3	185.5	174.4	159.5	144.7	129.9	115.0	100.2
-55°	222.6	211.5	200.3	189.2	174.4	163.2	152.1	137.3	122.4	107.6	92.8
-57.5°	207.8	200.3	189.2	178.1	167.0	155.8	141.0	126.1	111.3	100.2	85.3
-60°	196.6	185.5	178.1	167.0	155.8	141.0	129.9	118.7	103.9	92.8	81.6
-62.5°	181.8	170.7	163.2	152.1	141.0	129.9	118.7	107.6	96.5	85.3	74.2
-65°	163.2	155.8	148.4	137.3	126.1	118.7	107.6	96.5	85.3	74.2	66.8
-67.5°	144.7	137.3	129.9	122.4	115.0	103.9	96.5	85.3	77.9	66.8	59.4
-70°	126.1	118.7	111.3	103.9	96.5	89.0	81.6	74.2	66.8	59.4	51.9
-72.5°	107.6	100.2	96.5	89.0	81.6	74.2	70.5	63.1	55.7	48.2	44.5
-75°	89.0	81.6	77.9	70.5	66.8	63.1	55.7	51.9	44.5	40.8	37.1
-77.5°	70.5	66.8	63.1	59.4	55.7	51.9	48.2	40.8	37.1	33.4	29.7
-80°	55.7	55.7	51.9	48.2	44.5	40.8	37.1	33.4	29.7	26.0	26.0
-82.5°	40.8	40.8	37.1	37.1	33.4	29.7	26.0	22.3	22.3	18.6	18.6
-85°	26.0	26.0	26.0	26.0	22.3	18.6	18.6	14.8	14.8	14.8	11.1
-87.5°	14.8	11.1	11.1	11.1	11.1	11.1	7.4	7.4	7.4	7.4	7.4
-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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CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-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°	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0
82.5°	7.4	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0
80°	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0
77.5°	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0
75°	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0
72.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0
70°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0
67.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0
65°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0
62.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
60°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
57.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
55°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
52.5°	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
50°	11.1	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
47.5°	14.8	11.1	7.4	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
45°	18.6	14.8	11.1	7.4	3.7	3.7	3.7	3.7	3.7	0.0	0.0
42.5°	26.0	18.6	14.8	11.1	3.7	3.7	3.7	3.7	3.7	0.0	0.0
40°	33.4	26.0	18.6	11.1	7.4	3.7	3.7	3.7	3.7	0.0	0.0
37.5°	44.5	33.4	22.3	14.8	11.1	3.7	3.7	3.7	3.7	0.0	0.0
35°	51.9	40.8	29.7	18.6	11.1	7.4	3.7	3.7	3.7	0.0	0.0
32.5°	59.4	48.2	33.4	26.0	14.8	11.1	7.4	3.7	3.7	0.0	0.0
30°	70.5	55.7	40.8	29.7	18.6	11.1	7.4	3.7	3.7	0.0	0.0
27.5°	77.9	63.1	48.2	33.4	22.3	14.8	7.4	3.7	3.7	0.0	0.0
25°	81.6	66.8	51.9	37.1	26.0	14.8	11.1	3.7	3.7	3.7	0.0
22.5°	89.0	74.2	59.4	44.5	29.7	18.6	11.1	7.4	3.7	3.7	0.0
20°	96.5	81.6	63.1	48.2	33.4	22.3	14.8	7.4	3.7	3.7	0.0
17.5°	103.9	85.3	70.5	51.9	37.1	26.0	14.8	7.4	3.7	3.7	0.0
15°	111.3	92.8	74.2	55.7	40.8	26.0	14.8	11.1	3.7	3.7	0.0
12.5°	118.7	100.2	77.9	59.4	44.5	29.7	18.6	11.1	3.7	3.7	3.7
10°	126.1	103.9	85.3	63.1	44.5	33.4	18.6	11.1	3.7	3.7	3.7
7.5°	129.9	107.6	89.0	66.8	48.2	33.4	18.6	11.1	7.4	3.7	3.7
5°	133.6	111.3	92.8	70.5	51.9	37.1	22.3	14.8	7.4	3.7	3.7
2.5°	137.3	115.0	92.8	70.5	55.7	40.8	22.3	14.8	7.4	3.7	3.7
0°	137.3	118.7	96.5	74.2	55.7	40.8	22.3	14.8	7.4	3.7	3.7
-2.5°	141.0	122.4	100.2	77.9	59.4	40.8	26.0	14.8	7.4	3.7	3.7
-5°	141.0	122.4	100.2	81.6	59.4	44.5	26.0	14.8	11.1	3.7	3.7
-7.5°	141.0	122.4	103.9	85.3	63.1	44.5	29.7	14.8	11.1	3.7	3.7
-10°	144.7	126.1	103.9	85.3	63.1	44.5	29.7	14.8	11.1	3.7	3.7
-12.5°	144.7	126.1	103.9	85.3	63.1	44.5	33.4	18.6	11.1	3.7	3.7
-15°	144.7	126.1	107.6	85.3	63.1	48.2	33.4	18.6	11.1	7.4	3.7
-17.5°	144.7	126.1	103.9	85.3	63.1	48.2	33.4	18.6	11.1	7.4	3.7
-20°	144.7	122.4	103.9	85.3	63.1	48.2	29.7	18.6	11.1	7.4	3.7

REPORT NUMBER: P640004

CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	141.0	122.4	103.9	81.6	63.1	48.2	29.7	18.6	11.1	7.4	3.7
-25°	141.0	118.7	100.2	81.6	59.4	44.5	29.7	18.6	11.1	7.4	3.7
-27.5°	137.3	118.7	100.2	77.9	59.4	44.5	29.7	18.6	11.1	7.4	3.7
-30°	133.6	115.0	96.5	74.2	55.7	44.5	26.0	18.6	11.1	7.4	3.7
-32.5°	129.9	111.3	92.8	70.5	55.7	40.8	26.0	18.6	11.1	7.4	3.7
-35°	126.1	107.6	89.0	70.5	51.9	37.1	26.0	18.6	11.1	7.4	3.7
-37.5°	122.4	103.9	85.3	66.8	51.9	37.1	26.0	18.6	11.1	7.4	3.7
-40°	118.7	100.2	81.6	66.8	48.2	33.4	26.0	18.6	11.1	7.4	3.7
-42.5°	111.3	96.5	77.9	63.1	48.2	33.4	22.3	14.8	11.1	7.4	3.7
-45°	107.6	89.0	74.2	59.4	44.5	33.4	22.3	14.8	11.1	7.4	3.7
-47.5°	100.2	85.3	70.5	55.7	40.8	29.7	22.3	14.8	11.1	7.4	3.7
-50°	92.8	81.6	66.8	51.9	40.8	29.7	18.6	14.8	11.1	7.4	3.7
-52.5°	89.0	74.2	59.4	48.2	37.1	26.0	18.6	14.8	11.1	7.4	3.7
-55°	81.6	66.8	55.7	44.5	37.1	26.0	18.6	14.8	11.1	7.4	3.7
-57.5°	74.2	63.1	51.9	40.8	33.4	26.0	18.6	14.8	11.1	7.4	3.7
-60°	70.5	59.4	48.2	40.8	29.7	26.0	18.6	14.8	11.1	7.4	3.7
-62.5°	63.1	51.9	44.5	37.1	29.7	22.3	18.6	11.1	7.4	7.4	3.7
-65°	55.7	48.2	40.8	33.4	26.0	22.3	14.8	11.1	7.4	3.7	3.7
-67.5°	48.2	44.5	37.1	29.7	26.0	18.6	14.8	11.1	7.4	3.7	3.7
-70°	44.5	37.1	33.4	29.7	22.3	18.6	14.8	11.1	7.4	3.7	3.7
-72.5°	40.8	33.4	29.7	26.0	22.3	14.8	11.1	7.4	7.4	3.7	3.7
-75°	33.4	29.7	26.0	22.3	18.6	14.8	11.1	7.4	3.7	3.7	0.0
-77.5°	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7	0.0
-80°	22.3	18.6	14.8	14.8	11.1	11.1	7.4	3.7	3.7	3.7	0.0
-82.5°	14.8	14.8	11.1	11.1	11.1	7.4	7.4	3.7	3.7	0.0	0.0
-85°	11.1	11.1	7.4	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0
-87.5°	7.4	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	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



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CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-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°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0
2.5°	0.0	0.0	0.0	0.0
0°	0.0	0.0	0.0	0.0
-2.5°	0.0	0.0	0.0	0.0
-5°	0.0	0.0	0.0	0.0
-7.5°	0.0	0.0	0.0	0.0
-10°	0.0	0.0	0.0	0.0
-12.5°	0.0	0.0	0.0	0.0
-15°	0.0	0.0	0.0	0.0
-17.5°	0.0	0.0	0.0	0.0
-20°	0.0	0.0	0.0	0.0



REPORT NUMBER: P640004

CATALOG NUMBER: IFLD-L-SA8A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

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