

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: P640010

Luminaire Tested: **IFLD-L-SA8A-AMB-U-44-VI**

Issue Date: 02/09/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P640010  
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-44-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 4 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 4V
Luminaire Lumens:	7852.8 lumens	Max Intensity:	30923.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

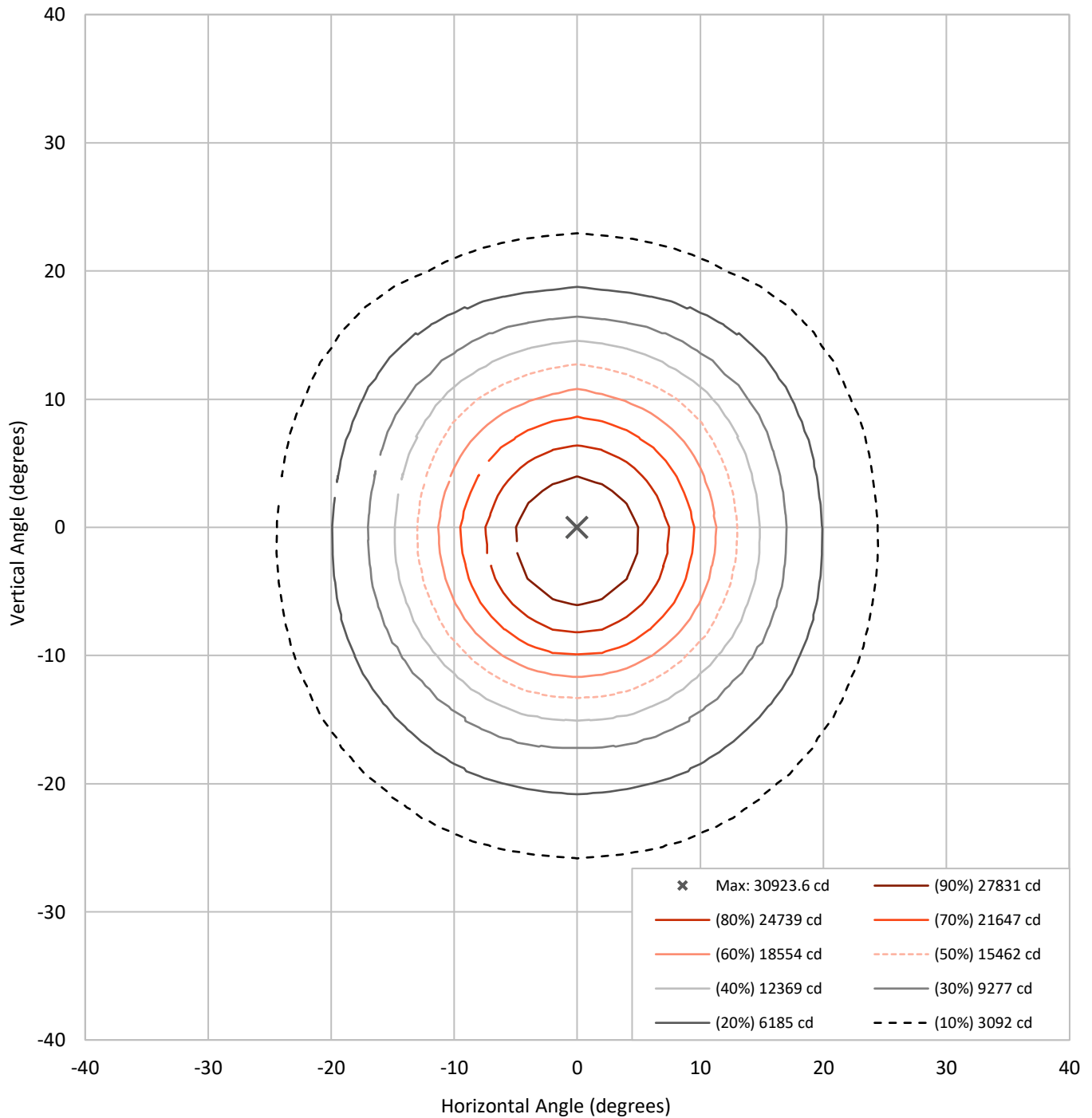
Beam Angle (50%):	26°H x 26.1°V	Field Angle (10%):	48.8°H x 48.7°V
Beam Lumens:	3615 lumens	Field Lumens:	6634.4 lumens
Beam Efficiency:	46.0%	Field Efficiency:	84.5%

Input Watts (W): 247.8  
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: 25 FT



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### Iso-Candela Plot





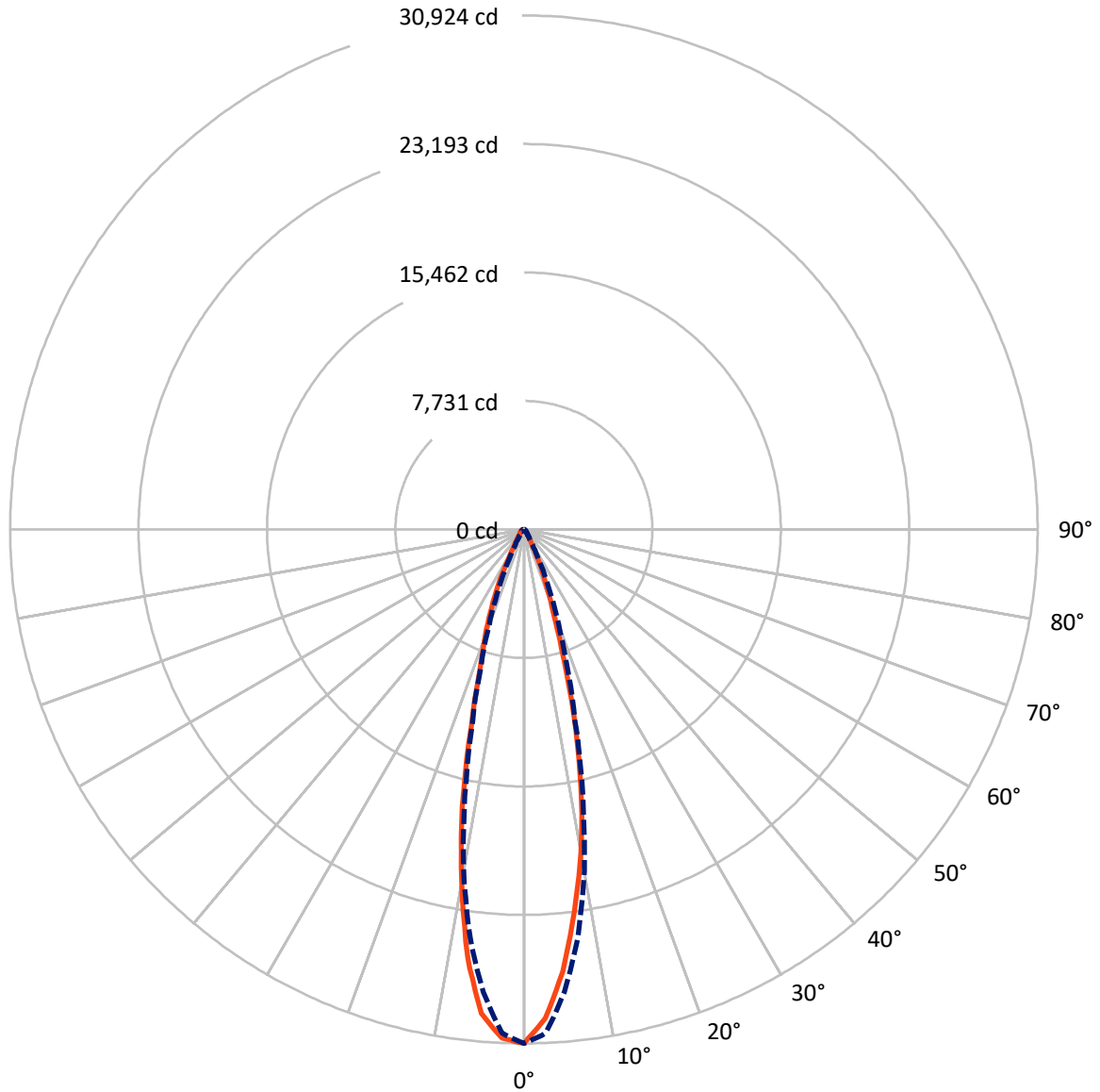
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### Lumen Table

90	0.0	0.3	0.3	0.1	0.0	0.1	0.3	0.3	0.0								
80	0.0	0.3	0.3	0.1	0.0	0.1	0.3	0.3	0.0								
70	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
60		0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.4	1.2	0.9	0.6	0.3	0.1	0.0		
50	0.0	0.1	0.3	0.9	1.7	2.5	3.4	4.1	4.1	3.4	2.5	1.7	0.9	0.3	0.1	0.0	0.0
40		0.2	0.7	1.7	3.1	5.1	8.5	11.4	11.4	8.5	5.1	3.1	1.7	0.7	0.2		
30	0.1	0.3	1.1	2.6	5.0	11.4	33.4	62.9	62.9	33.4	11.4	5.0	2.6	1.1	0.3	0.1	0.1
20		0.4	1.5	3.6	8.4	37.5	156.0	314.3	314.3	156.0	37.5	8.4	3.6	1.5	0.4		
10	0.1	0.6	1.8	4.3	11.9	74.4	324.4	700.9	700.9	324.4	74.4	11.9	4.3	1.8	0.6	0.1	0.1
0		0.6	2.0	4.5	12.5	78.5	334.9	746.4	746.4	334.9	78.5	12.5	4.5	2.0	0.6		
-10	0.2	0.7	2.0	4.4	10.3	45.9	178.7	353.2	353.2	178.7	45.9	10.3	4.4	2.0	0.7	0.2	0.2
-20		0.6	2.0	4.0	7.7	18.3	55.3	102.2	102.2	55.3	18.3	7.7	4.0	2.0	0.6		
-30	0.2	0.6	1.7	3.5	5.9	9.7	16.1	21.8	21.8	16.1	9.7	5.9	3.5	1.7	0.6	0.2	0.2
-40		0.5	1.4	2.9	4.7	6.8	9.0	10.2	10.2	9.0	6.8	4.7	2.9	1.4	0.5		
-50	0.2	0.4	1.1	2.3	3.8	5.2	6.5	7.1	7.1	6.5	5.2	3.8	2.3	1.1	0.4	0.2	0.2
-60		0.3	0.8	1.6	2.7	3.8	4.7	5.3	5.3	4.7	3.8	2.7	1.6	0.8	0.3		
-70	0.1	0.4	1.1	2.3	3.8	5.2	6.5	7.1	7.1	6.5	5.2	3.8	2.3	1.1	0.4	0.1	0.1
-80		0.3	0.8	1.6	2.7	3.8	4.7	5.3	5.3	4.7	3.8	2.7	1.6	0.8	0.3		
-90	0.1	1.1	3.2	6.2	7.6	6.2	3.2	1.1	0.1								

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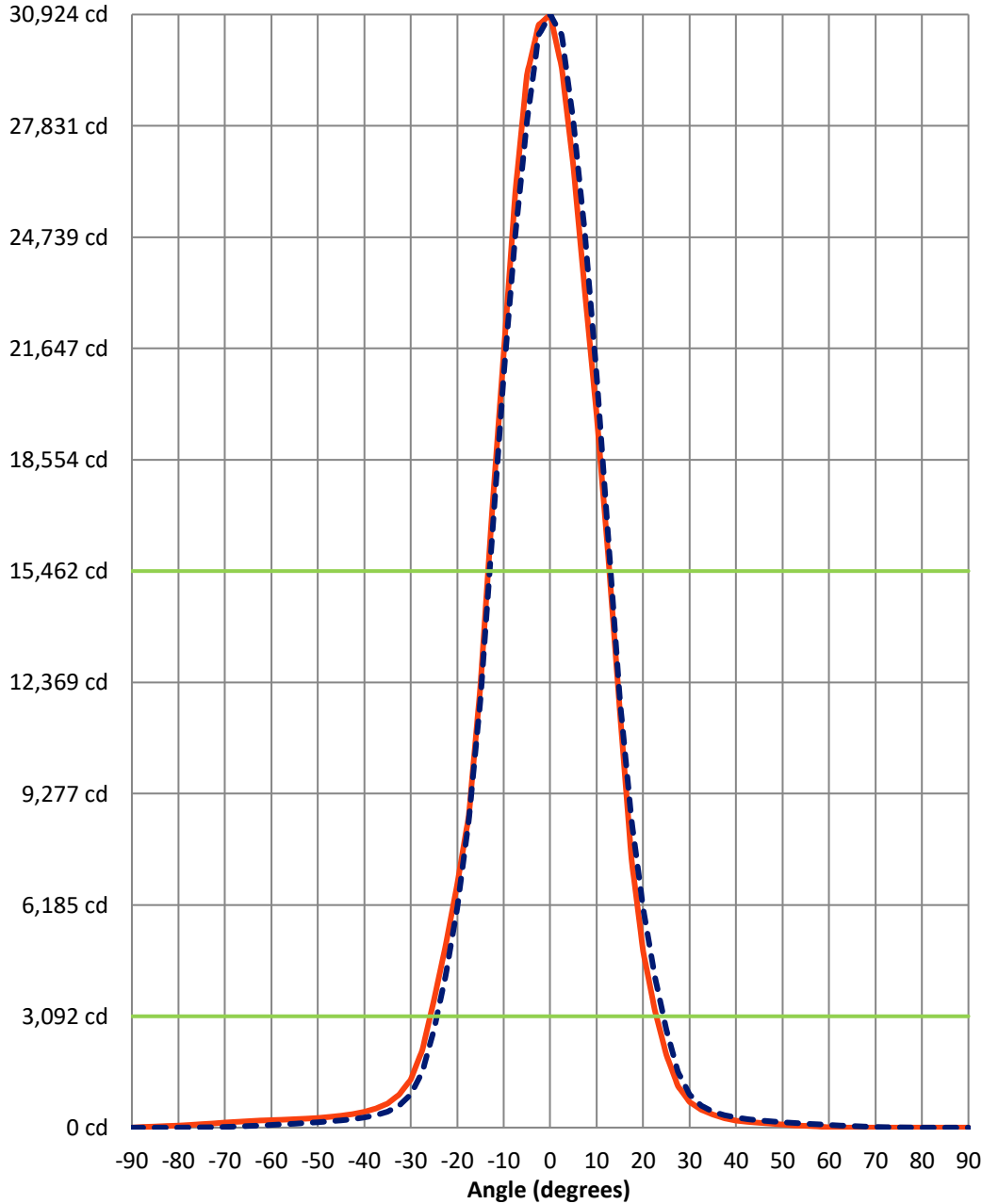
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 26°  
 V Angle: 26.1°  
 Lumens: 3615  
 Efficiency: 46.0%

**Field:**  
 H Angle: 48.8°  
 V Angle: 48.7°  
 Lumens: 6634.4  
 Efficiency: 84.5%

**Spill:**  
 Lumens: 1218.5  
 Efficiency: 15.5%

— 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	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	3.7	3.7	3.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
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°	33.4	33.4	33.4	29.7	29.7	26.0	26.0	26.0	26.0	26.0	22.3
55°	48.2	48.2	48.2	44.5	44.5	40.8	40.8	40.8	37.1	37.1	33.4
52.5°	59.4	59.4	59.4	59.4	59.4	55.7	55.7	52.0	48.2	48.2	44.5
50°	85.4	85.4	85.4	85.4	81.6	77.9	74.2	70.5	63.1	63.1	59.4
47.5°	111.3	111.3	111.3	107.6	107.6	103.9	96.5	89.1	85.4	81.6	77.9
45°	133.6	133.6	133.6	129.9	129.9	122.5	115.0	107.6	100.2	96.5	92.8
42.5°	159.6	155.9	155.9	152.2	152.2	144.7	137.3	126.2	118.8	111.3	103.9
40°	193.0	193.0	189.3	189.3	185.5	178.1	167.0	155.9	144.7	129.9	122.5
37.5°	259.8	259.8	256.1	252.3	241.2	230.1	215.2	196.7	178.1	159.6	148.4
35°	363.7	363.7	352.5	341.4	322.9	304.3	278.3	252.3	222.7	200.4	178.1
32.5°	497.3	489.8	475.0	456.5	430.5	393.4	352.5	311.7	270.9	241.2	211.5
30°	712.5	701.4	675.4	638.3	590.0	523.2	460.2	393.4	334.0	289.5	248.6
27.5°	1154.1	1102.2	1072.5	1002.0	886.9	727.4	634.6	515.8	430.5	348.8	296.9
25°	2022.5	1922.3	1840.6	1681.1	1443.6	1161.5	950.0	719.9	582.6	452.7	360.0
22.5°	3273.1	3180.3	3017.0	2738.7	2345.3	1918.6	1488.1	1120.7	809.0	612.3	460.2
20°	4905.9	4687.0	4468.0	4119.2	3584.8	2994.8	2315.6	1744.2	1235.8	838.7	601.2
17.5°	7466.5	7165.9	6909.8	6212.2	5451.4	4631.3	3800.0	2690.5	1907.4	1287.7	786.7
15°	11570.8	11166.3	10387.0	9184.7	7722.5	6509.1	5366.1	4019.0	2731.3	1811.0	1143.0
12.5°	15871.8	15311.5	14205.6	12472.6	10465.0	8253.2	6679.8	5095.2	3610.8	2356.5	1454.7
10°	19805.5	18970.5	17846.1	16072.2	13533.9	10657.9	8119.6	6078.6	4330.7	2920.5	1840.6
7.5°	23186.2	22640.7	21200.8	19044.7	16320.9	12732.4	9566.9	7028.6	5043.2	3477.2	2208.0
5°	26700.5	25991.7	24299.5	21657.3	18391.6	14662.1	10758.1	7807.9	5547.9	3866.8	2467.8
2.5°	29435.5	28667.3	26611.4	23486.8	19968.8	15875.6	11504.0	8271.8	5904.2	4074.7	2634.8
0°	30923.6	30337.2	27939.9	24793.0	20892.8	16387.7	11901.1	8553.8	6100.8	4215.7	2720.1
-2.5°	30623.0	30103.4	27902.8	24529.5	20547.7	16228.1	11845.4	8409.1	6071.2	4249.1	2716.4
-5°	29238.8	28581.9	26385.0	23186.2	19219.1	15100.0	11151.5	8093.6	5889.3	4063.5	2601.4
-7.5°	25969.4	25505.5	23323.5	20551.4	17133.6	13251.9	9886.0	7414.5	5462.6	3759.2	2382.4
-10°	21505.1	21263.9	19638.5	17167.0	14023.8	11125.5	8520.4	6594.4	4879.9	3317.6	2059.6
-12.5°	17096.5	16677.1	15445.1	13363.2	11107.0	8828.4	7191.9	5703.8	4200.8	2786.9	1677.4
-15°	12279.6	12105.2	11385.3	10079.0	8583.5	7206.7	5945.0	4705.5	3358.4	2230.3	1413.9
-17.5°	8676.3	8672.6	8334.9	7674.3	6757.7	5781.7	4757.5	3629.3	2586.6	1714.5	1091.0
-20°	6754.0	6613.0	6371.7	5915.3	5258.5	4442.0	3506.9	2668.2	1859.2	1246.9	890.6



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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°	5050.6	4983.8	4753.8	4356.7	3826.0	3150.6	2471.5	1844.4	1295.1	957.4	712.5
-25°	3544.0	3417.8	3221.1	2924.2	2516.0	2044.7	1662.5	1235.8	968.6	742.2	590.0
-27.5°	2159.8	2096.7	2003.9	1844.4	1618.0	1336.0	1131.8	912.9	749.6	601.2	501.0
-30°	1336.0	1328.5	1272.9	1198.6	1087.3	946.3	823.8	705.1	597.5	508.4	430.5
-32.5°	916.6	905.5	875.8	838.7	779.3	708.8	634.6	564.1	493.6	430.5	374.8
-35°	668.0	675.4	656.8	634.6	601.2	560.4	515.8	467.6	419.3	374.8	337.7
-37.5°	530.7	527.0	519.5	508.4	489.8	463.9	434.2	400.8	367.4	334.0	308.0
-40°	437.9	437.9	434.2	426.8	415.6	397.1	374.8	352.5	330.3	304.3	282.0
-42.5°	374.8	374.8	371.1	367.4	360.0	348.8	334.0	319.1	300.6	278.3	259.8
-45°	330.3	330.3	326.6	322.9	319.1	311.7	300.6	289.5	274.6	256.1	241.2
-47.5°	296.9	296.9	293.2	293.2	289.5	282.0	274.6	267.2	256.1	241.2	226.4
-50°	267.2	270.9	270.9	267.2	263.5	259.8	256.1	244.9	237.5	226.4	211.5
-52.5°	248.6	248.6	248.6	248.6	244.9	244.9	237.5	226.4	218.9	207.8	200.4
-55°	233.8	233.8	233.8	230.1	230.1	226.4	218.9	211.5	204.1	196.7	189.3
-57.5°	218.9	218.9	218.9	218.9	215.2	215.2	207.8	200.4	193.0	185.5	178.1
-60°	207.8	207.8	207.8	204.1	204.1	200.4	193.0	185.5	178.1	170.7	163.3
-62.5°	196.7	193.0	193.0	189.3	189.3	185.5	178.1	170.7	163.3	155.9	152.2
-65°	178.1	178.1	178.1	174.4	170.7	167.0	163.3	155.9	148.4	144.7	137.3
-67.5°	159.6	159.6	159.6	155.9	152.2	148.4	144.7	141.0	137.3	129.9	126.2
-70°	141.0	141.0	141.0	137.3	133.6	129.9	126.2	122.5	118.8	115.0	111.3
-72.5°	115.0	115.0	115.0	111.3	111.3	107.6	107.6	103.9	100.2	96.5	92.8
-75°	96.5	96.5	96.5	92.8	92.8	89.1	89.1	85.4	81.6	77.9	77.9
-77.5°	74.2	74.2	74.2	74.2	70.5	70.5	66.8	66.8	66.8	63.1	63.1
-80°	55.7	59.4	59.4	59.4	55.7	55.7	55.7	52.0	52.0	48.2	48.2
-82.5°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	40.8	40.8	37.1	37.1
-85°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	26.0	26.0
-87.5°	18.6	18.6	18.6	18.6	14.8	14.8	14.8	14.8	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	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
82.5°	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4
80°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4	7.4
77.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4
75°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4	7.4
72.5°	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4
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°	7.4	7.4	3.7	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	18.6	18.6	14.8	14.8	11.1	11.1	7.4	3.7	3.7	3.7	3.7
55°	29.7	26.0	26.0	22.3	18.6	18.6	14.8	11.1	7.4	7.4	3.7
52.5°	40.8	37.1	33.4	29.7	29.7	26.0	22.3	18.6	14.8	11.1	7.4
50°	55.7	52.0	48.2	44.5	37.1	33.4	29.7	26.0	22.3	18.6	11.1
47.5°	74.2	66.8	63.1	55.7	52.0	44.5	37.1	33.4	29.7	22.3	18.6
45°	85.4	77.9	74.2	66.8	63.1	55.7	48.2	40.8	37.1	29.7	22.3
42.5°	100.2	92.8	85.4	77.9	74.2	66.8	59.4	52.0	44.5	37.1	29.7
40°	115.0	107.6	100.2	92.8	85.4	74.2	66.8	59.4	52.0	44.5	37.1
37.5°	141.0	129.9	118.8	107.6	96.5	89.1	77.9	70.5	63.1	52.0	44.5
35°	163.3	155.9	137.3	126.2	115.0	100.2	89.1	77.9	70.5	63.1	52.0
32.5°	189.3	174.4	155.9	141.0	129.9	115.0	100.2	89.1	77.9	70.5	59.4
30°	215.2	193.0	174.4	155.9	141.0	126.2	115.0	100.2	89.1	74.2	63.1
27.5°	252.3	218.9	193.0	174.4	155.9	137.3	122.5	111.3	96.5	81.6	70.5
25°	296.9	248.6	215.2	193.0	170.7	148.4	133.6	122.5	107.6	89.1	77.9
22.5°	352.5	293.2	248.6	215.2	185.5	163.3	144.7	129.9	115.0	100.2	81.6
20°	449.0	356.3	289.5	241.2	207.8	181.8	159.6	144.7	126.2	107.6	89.1
17.5°	571.5	441.6	345.1	274.6	230.1	200.4	174.4	155.9	133.6	115.0	96.5
15°	745.9	530.7	397.1	308.0	256.1	218.9	189.3	167.0	144.7	122.5	103.9
12.5°	894.3	612.3	452.7	348.8	285.7	237.5	204.1	174.4	148.4	129.9	107.6
10°	1124.4	719.9	508.4	382.2	304.3	252.3	211.5	181.8	155.9	133.6	115.0
7.5°	1313.7	805.3	549.2	404.5	319.1	259.8	218.9	189.3	163.3	141.0	118.8
5°	1436.1	868.4	578.9	423.1	330.3	270.9	226.4	193.0	167.0	144.7	122.5
2.5°	1506.7	916.6	604.9	437.9	341.4	278.3	230.1	200.4	170.7	148.4	126.2
0°	1551.2	920.3	612.3	441.6	345.1	282.0	233.8	200.4	174.4	148.4	129.9
-2.5°	1551.2	938.9	619.7	449.0	348.8	285.7	237.5	200.4	174.4	152.2	129.9
-5°	1510.4	912.9	608.6	445.3	348.8	282.0	233.8	200.4	174.4	152.2	129.9
-7.5°	1410.2	868.4	593.8	437.9	345.1	282.0	237.5	204.1	178.1	155.9	133.6
-10°	1250.6	801.6	564.1	426.8	337.7	278.3	237.5	204.1	178.1	155.9	133.6
-12.5°	1042.8	712.5	523.2	404.5	326.6	274.6	233.8	200.4	178.1	152.2	133.6
-15°	916.6	638.3	478.7	378.5	311.7	267.2	226.4	196.7	174.4	152.2	133.6
-17.5°	760.8	567.8	441.6	360.0	304.3	259.8	222.7	196.7	170.7	148.4	133.6
-20°	653.1	504.7	404.5	337.7	289.5	252.3	218.9	193.0	170.7	148.4	133.6



REPORT NUMBER: P640010  
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-44-VI

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	552.9	449.0	374.8	319.1	274.6	241.2	211.5	189.3	167.0	148.4	129.9
-25°	486.1	400.8	341.4	296.9	263.5	233.8	207.8	185.5	163.3	144.7	126.2
-27.5°	419.3	356.3	315.4	282.0	248.6	222.7	200.4	178.1	159.6	141.0	126.2
-30°	367.4	326.6	293.2	263.5	237.5	215.2	193.0	170.7	152.2	137.3	122.5
-32.5°	334.0	300.6	270.9	248.6	230.1	204.1	185.5	167.0	148.4	133.6	118.8
-35°	304.3	278.3	256.1	233.8	215.2	196.7	178.1	159.6	144.7	129.9	115.0
-37.5°	282.0	259.8	237.5	222.7	204.1	185.5	170.7	155.9	141.0	122.5	107.6
-40°	259.8	241.2	226.4	211.5	193.0	178.1	163.3	148.4	133.6	118.8	103.9
-42.5°	241.2	226.4	215.2	200.4	185.5	170.7	155.9	141.0	126.2	115.0	100.2
-45°	226.4	215.2	200.4	189.3	174.4	163.3	148.4	133.6	122.5	107.6	96.5
-47.5°	215.2	200.4	189.3	178.1	167.0	152.2	141.0	126.2	115.0	103.9	89.1
-50°	200.4	189.3	181.8	170.7	155.9	144.7	133.6	118.8	107.6	96.5	85.4
-52.5°	189.3	181.8	170.7	159.6	148.4	137.3	126.2	115.0	100.2	89.1	77.9
-55°	181.8	174.4	163.3	152.2	137.3	126.2	115.0	103.9	92.8	81.6	74.2
-57.5°	170.7	163.3	152.2	141.0	129.9	118.8	107.6	96.5	89.1	74.2	66.8
-60°	155.9	148.4	141.0	129.9	118.8	111.3	100.2	89.1	81.6	70.5	63.1
-62.5°	144.7	137.3	129.9	122.5	111.3	103.9	92.8	85.4	74.2	66.8	55.7
-65°	133.6	126.2	118.8	107.6	100.2	92.8	85.4	74.2	66.8	59.4	52.0
-67.5°	118.8	111.3	103.9	96.5	89.1	81.6	74.2	66.8	59.4	52.0	48.2
-70°	103.9	96.5	92.8	85.4	77.9	70.5	66.8	59.4	52.0	48.2	44.5
-72.5°	85.4	81.6	77.9	70.5	66.8	59.4	55.7	48.2	44.5	40.8	40.8
-75°	74.2	70.5	63.1	59.4	55.7	52.0	44.5	44.5	40.8	37.1	33.4
-77.5°	59.4	52.0	48.2	44.5	44.5	40.8	37.1	33.4	33.4	29.7	26.0
-80°	44.5	44.5	40.8	37.1	37.1	33.4	29.7	29.7	26.0	26.0	22.3
-82.5°	37.1	33.4	33.4	29.7	29.7	26.0	26.0	22.3	22.3	18.6	18.6
-85°	26.0	22.3	22.3	22.3	18.6	18.6	18.6	14.8	14.8	14.8	11.1
-87.5°	11.1	11.1	11.1	7.4	7.4	7.4	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



REPORT NUMBER: P640010  
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-44-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	7.4	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0
80°	7.4	7.4	7.4	7.4	7.4	3.7	3.7	0.0	0.0	0.0	0.0
77.5°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	0.0	0.0	0.0
75°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	0.0	0.0
72.5°	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	0.0	0.0
70°	3.7	3.7	3.7	3.7	7.4	7.4	3.7	3.7	3.7	0.0	0.0
67.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
65°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
62.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
60°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
57.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
55°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0
52.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
50°	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
47.5°	11.1	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
45°	18.6	11.1	7.4	7.4	3.7	3.7	3.7	3.7	3.7	0.0	0.0
42.5°	22.3	14.8	11.1	7.4	3.7	3.7	3.7	3.7	3.7	0.0	0.0
40°	29.7	22.3	11.1	11.1	7.4	3.7	3.7	3.7	3.7	0.0	0.0
37.5°	37.1	26.0	18.6	11.1	11.1	3.7	3.7	3.7	3.7	0.0	0.0
35°	40.8	33.4	22.3	14.8	11.1	7.4	3.7	3.7	3.7	0.0	0.0
32.5°	48.2	37.1	29.7	18.6	14.8	7.4	3.7	3.7	3.7	0.0	0.0
30°	52.0	40.8	33.4	22.3	14.8	11.1	3.7	3.7	3.7	0.0	0.0
27.5°	59.4	44.5	37.1	26.0	18.6	11.1	7.4	3.7	3.7	0.0	0.0
25°	63.1	52.0	40.8	29.7	18.6	14.8	7.4	3.7	3.7	3.7	0.0
22.5°	66.8	55.7	44.5	33.4	22.3	14.8	7.4	3.7	3.7	3.7	0.0
20°	74.2	59.4	48.2	37.1	26.0	18.6	11.1	7.4	3.7	3.7	0.0
17.5°	81.6	66.8	52.0	40.8	29.7	18.6	11.1	7.4	3.7	3.7	0.0
15°	85.4	70.5	55.7	44.5	29.7	22.3	11.1	7.4	3.7	3.7	0.0
12.5°	92.8	74.2	59.4	44.5	33.4	22.3	14.8	7.4	3.7	3.7	0.0
10°	96.5	77.9	63.1	48.2	37.1	26.0	14.8	7.4	3.7	3.7	0.0
7.5°	100.2	81.6	66.8	52.0	37.1	26.0	14.8	7.4	7.4	3.7	0.0
5°	103.9	85.4	70.5	52.0	40.8	29.7	18.6	11.1	7.4	3.7	0.0
2.5°	107.6	89.1	70.5	55.7	44.5	29.7	18.6	11.1	7.4	3.7	0.0
0°	107.6	92.8	74.2	55.7	44.5	29.7	18.6	11.1	7.4	3.7	0.0
-2.5°	111.3	96.5	77.9	59.4	44.5	29.7	18.6	11.1	7.4	3.7	0.0
-5°	111.3	96.5	77.9	59.4	44.5	33.4	22.3	14.8	7.4	3.7	0.0
-7.5°	115.0	96.5	77.9	63.1	44.5	33.4	22.3	14.8	7.4	3.7	0.0
-10°	115.0	96.5	81.6	63.1	44.5	33.4	22.3	14.8	7.4	3.7	0.0
-12.5°	115.0	100.2	81.6	63.1	48.2	33.4	22.3	14.8	11.1	3.7	0.0
-15°	115.0	96.5	81.6	63.1	48.2	33.4	26.0	14.8	11.1	3.7	3.7
-17.5°	115.0	96.5	81.6	63.1	48.2	37.1	26.0	14.8	11.1	7.4	3.7
-20°	115.0	96.5	81.6	63.1	48.2	37.1	26.0	14.8	11.1	7.4	3.7



REPORT NUMBER: P640010  
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-44-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	111.3	96.5	81.6	63.1	48.2	33.4	26.0	14.8	11.1	7.4	3.7
-25°	111.3	96.5	77.9	59.4	44.5	33.4	26.0	14.8	11.1	7.4	3.7
-27.5°	107.6	92.8	77.9	59.4	44.5	33.4	26.0	14.8	11.1	7.4	3.7
-30°	103.9	89.1	74.2	59.4	44.5	33.4	22.3	14.8	11.1	7.4	3.7
-32.5°	103.9	89.1	70.5	55.7	44.5	33.4	22.3	14.8	11.1	7.4	3.7
-35°	100.2	85.4	66.8	52.0	40.8	29.7	22.3	14.8	11.1	7.4	3.7
-37.5°	96.5	81.6	66.8	52.0	40.8	29.7	22.3	14.8	11.1	7.4	3.7
-40°	89.1	77.9	63.1	52.0	40.8	29.7	22.3	14.8	11.1	7.4	3.7
-42.5°	85.4	70.5	59.4	48.2	37.1	26.0	18.6	14.8	11.1	7.4	3.7
-45°	81.6	66.8	55.7	44.5	37.1	26.0	18.6	14.8	7.4	7.4	3.7
-47.5°	77.9	66.8	55.7	44.5	33.4	26.0	18.6	14.8	7.4	7.4	3.7
-50°	70.5	63.1	52.0	40.8	33.4	26.0	18.6	14.8	7.4	7.4	3.7
-52.5°	66.8	59.4	48.2	37.1	29.7	22.3	18.6	11.1	7.4	7.4	3.7
-55°	63.1	55.7	44.5	37.1	29.7	22.3	18.6	11.1	7.4	7.4	3.7
-57.5°	59.4	48.2	40.8	33.4	26.0	22.3	14.8	11.1	11.1	7.4	3.7
-60°	52.0	44.5	37.1	29.7	26.0	22.3	14.8	11.1	11.1	7.4	3.7
-62.5°	48.2	40.8	37.1	29.7	26.0	18.6	14.8	11.1	7.4	7.4	3.7
-65°	44.5	40.8	33.4	29.7	22.3	18.6	14.8	11.1	7.4	3.7	3.7
-67.5°	40.8	37.1	29.7	26.0	22.3	18.6	14.8	11.1	7.4	3.7	3.7
-70°	37.1	33.4	29.7	26.0	22.3	18.6	14.8	11.1	7.4	3.7	3.7
-72.5°	37.1	29.7	26.0	22.3	22.3	14.8	11.1	7.4	7.4	3.7	3.7
-75°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	3.7	3.7	0.0
-77.5°	26.0	22.3	18.6	18.6	14.8	11.1	11.1	7.4	3.7	3.7	0.0
-80°	22.3	18.6	14.8	14.8	14.8	11.1	7.4	7.4	3.7	3.7	0.0
-82.5°	14.8	14.8	14.8	11.1	11.1	11.1	7.4	3.7	3.7	0.0	0.0
-85°	11.1	11.1	11.1	11.1	11.1	7.4	3.7	3.7	3.7	0.0	0.0
-87.5°	7.4	7.4	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



REPORT NUMBER: P640010  
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-44-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: P640010  
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-44-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)