

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: P724087

Luminaire Tested: **IFLD-M-SA4E-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724087
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

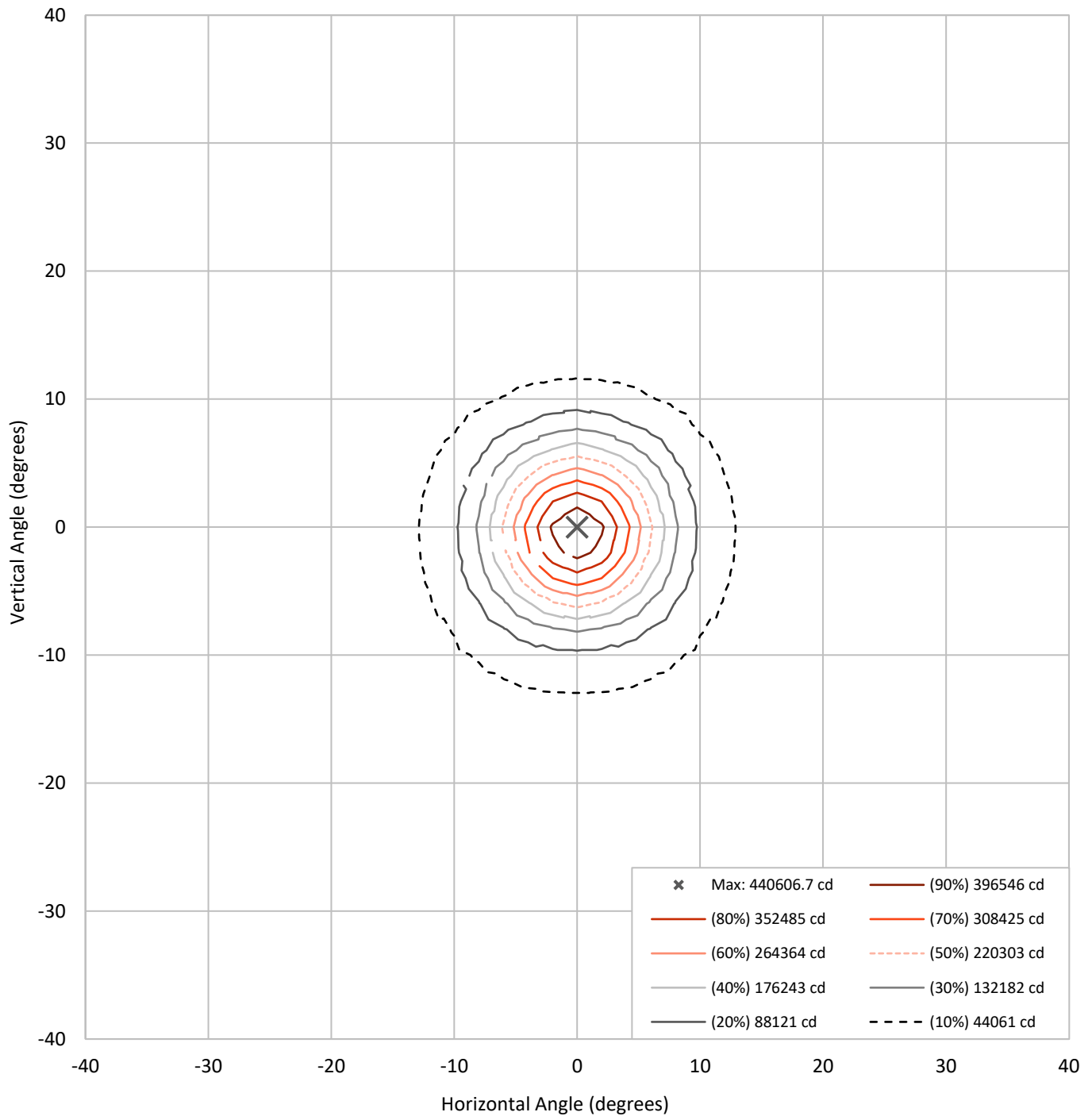
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	30776.6 lumens	Max Intensity:	440606.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	9628.3 lumens	Field Lumens:	21907.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 314.8
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: 28.75 FT



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Iso-Candela Plot



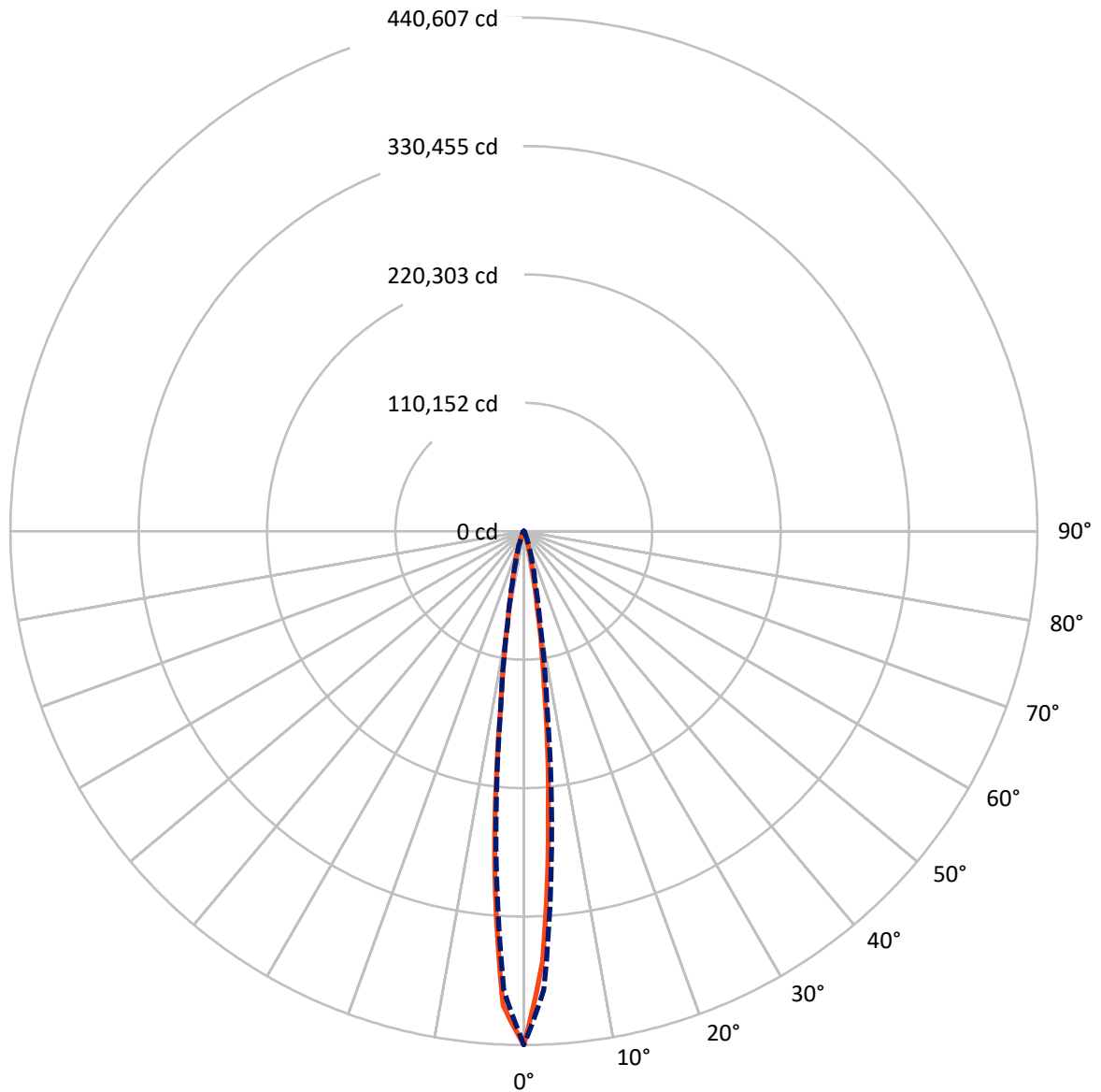
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Lumen Table

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	0.3	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	0.3
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	
50	0.2	0.2	1.0	2.5	4.4	6.2	8.2	9.6	9.6	8.2	6.2	4.4	2.5	1.0	0.2
40		0.5	2.1	4.6	7.9	12.4	18.7	22.4	22.4	18.7	12.4	7.9	4.6	2.1	0.5
30	0.3	0.9	3.3	6.8	12.4	21.3	41.1	66.2	66.2	41.1	21.3	12.4	6.8	3.3	0.9
20		1.4	4.4	9.2	18.7	46.4	242.5	613.4	613.4	242.5	46.4	18.7	9.2	4.4	1.4
10	0.5	1.7	5.3	10.9	22.9	94.3	780.9	4812.4	4812.4	780.9	94.3	22.9	10.9	5.3	1.7
0		2.0	5.7	11.5	23.8	107.4	859.3	5299.7	5299.7	859.3	107.4	23.8	11.5	5.7	2.0
-10	0.6	2.1	6.0	11.4	22.4	64.4	385.7	929.5	929.5	385.7	64.4	22.4	11.4	6.0	2.1
-20		2.1	5.9	10.9	18.9	32.8	79.7	149.7	149.7	79.7	32.8	18.9	10.9	5.9	2.1
-30	0.6	1.9	5.5	10.1	15.7	23.3	32.9	38.6	38.6	32.9	23.3	15.7	10.1	5.5	1.9
-40		1.6	4.7	9.0	13.7	18.1	22.9	25.4	25.4	22.9	18.1	13.7	9.0	4.7	1.6
-50	0.6	1.3	3.8	7.6	12.0	15.8	19.4	21.2	21.2	19.4	15.8	12.0	7.6	3.8	1.3
-60		1.0	2.7	5.6	9.2	12.6	15.9	17.6	17.6	15.9	12.6	9.2	5.6	2.7	1.0
-70	0.6	1.0	2.7	5.6	9.2	12.6	15.9	17.6	17.6	15.9	12.6	9.2	5.6	2.7	1.0
-80		1.0	2.7	5.6	9.2	12.6	15.9	17.6	17.6	15.9	12.6	9.2	5.6	2.7	1.0
-90	0.3	4.2	11.5	21.3	25.6	21.3	11.5	4.2	0.3						

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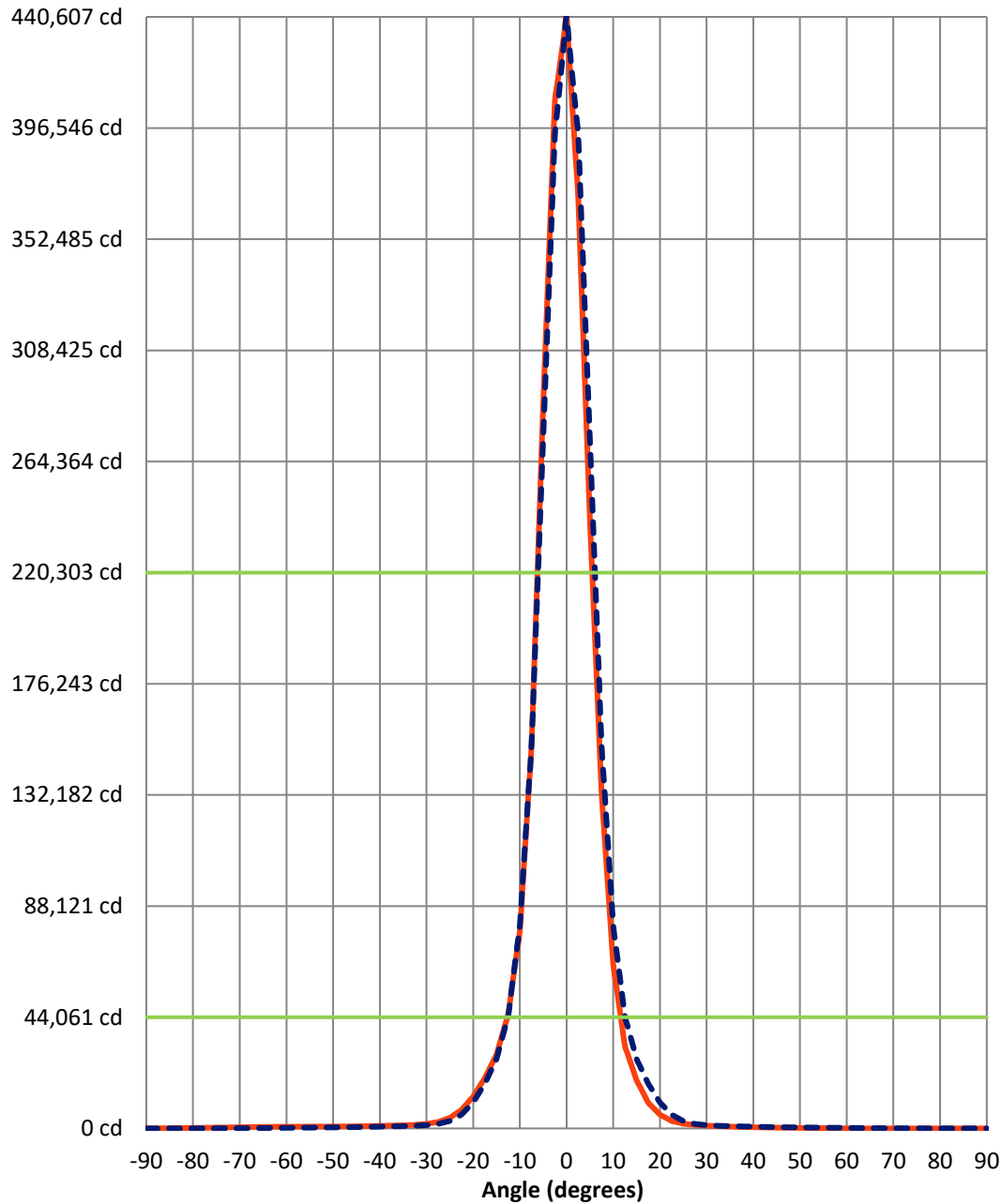
Luminous Intensity Polar Plot



— 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: 9628.3
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 21907.9
Efficiency: 71.2%

Spill:
Lumens: 8868.7
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	11.0	11.0
82.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	11.0	11.0	11.0
80°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	11.0	11.0	11.0
77.5°	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	5.5	11.0
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°	11.0	11.0	11.0	11.0	16.5	16.5	22.1	22.1	22.1	11.0	22.1
57.5°	88.2	88.2	82.7	77.2	71.7	66.2	66.2	66.2	66.2	66.2	55.1
55°	121.3	121.3	121.3	115.8	115.8	110.3	104.8	99.2	99.2	93.7	88.2
52.5°	143.4	143.4	143.4	143.4	137.8	137.8	137.8	132.3	121.3	121.3	115.8
50°	204.0	198.5	198.5	198.5	198.5	187.5	182.0	170.9	165.4	159.9	154.4
47.5°	264.7	264.7	259.1	259.1	253.6	242.6	231.6	220.5	209.5	204.0	193.0
45°	314.3	314.3	308.8	308.8	303.3	292.2	275.7	259.1	248.1	237.1	226.1
42.5°	386.0	380.4	374.9	369.4	358.4	341.9	319.8	297.7	281.2	264.7	253.6
40°	463.2	463.2	457.6	452.1	435.6	419.0	391.5	363.9	336.3	303.3	286.7
37.5°	556.9	562.4	567.9	567.9	556.9	534.8	496.2	463.2	419.0	374.9	352.9
35°	727.8	727.8	738.8	738.8	722.3	694.7	667.2	595.5	540.3	485.2	435.6
32.5°	915.3	920.8	898.7	882.2	860.1	827.1	777.4	716.8	656.1	584.5	529.3
30°	1097.2	1097.2	1069.7	1036.6	992.5	937.3	876.7	810.5	738.8	667.2	601.0
27.5°	1383.9	1356.4	1334.3	1279.2	1202.0	1097.2	1020.0	915.3	821.5	738.8	667.2
25°	1858.1	1852.6	1803.0	1709.3	1554.9	1389.5	1262.6	1086.2	942.8	816.0	733.3
22.5°	2955.4	2916.8	2801.0	2569.4	2205.5	1918.8	1659.6	1383.9	1124.8	953.9	821.5
20°	5464.1	5337.3	5028.5	4388.9	3572.9	3010.5	2365.4	1902.2	1466.6	1146.9	948.4
17.5°	10194.9	10112.2	9996.4	8518.7	6859.1	5668.1	4218.0	2916.8	2084.2	1499.7	1124.8
15°	19110.5	18498.5	17219.3	15449.4	13128.2	10145.2	7460.1	4708.7	2977.4	1996.0	1428.1
12.5°	32668.8	31990.6	28687.9	24260.4	20086.5	15840.9	11121.2	7156.8	4240.0	2536.3	1692.7
10°	65095.0	60171.2	50924.7	38006.1	29663.8	22121.0	15614.8	9764.8	5519.2	3203.5	2007.0
7.5°	133327.2	117238.2	90342.3	63777.2	41281.2	29013.2	19943.1	12769.8	7355.3	4008.5	2293.7
5°	241649.7	213105.2	160548.4	96672.0	59945.1	36363.0	23664.9	15184.8	8706.2	4664.6	2580.4
2.5°	368983.5	332058.1	232111.0	132930.2	73916.9	42053.1	26267.4	16772.7	9566.3	5111.2	2801.0
0°	440606.7	393574.7	273348.1	152189.6	80572.0	44468.1	27541.0	17726.6	10294.1	5475.1	2944.3
-2.5°	407011.6	369148.9	251210.5	141371.7	76993.6	43409.5	27723.0	17963.7	10415.4	5574.4	3010.5
-5°	286862.2	255786.9	173820.0	104325.1	65326.5	39985.5	26157.1	17070.5	10079.1	5431.0	2982.9
-7.5°	151765.1	137705.1	103084.5	74964.5	47682.6	33843.2	23549.1	15488.0	9207.9	5045.1	2817.5
-10°	78410.6	75526.9	65083.9	49061.1	38585.0	28351.5	20097.5	13244.0	7697.2	4344.8	2536.3
-12.5°	45207.0	44716.3	41358.4	35502.8	29586.6	23289.9	16491.5	10801.4	6423.5	3600.5	2139.3
-15°	29272.3	29481.8	28312.9	25875.9	22507.0	17428.9	12670.5	8033.5	4752.8	2916.8	1885.7
-17.5°	19976.2	19921.1	19375.2	17704.5	14991.8	11771.8	8397.4	5673.6	3600.5	2271.7	1565.9
-20°	12637.4	12659.5	12152.2	10999.9	9003.9	7256.1	5227.0	3826.5	2552.9	1786.4	1383.9



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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°	7333.2	7349.8	7030.0	6379.4	5331.8	4300.7	3396.5	2530.8	1880.2	1488.7	1213.0
-25°	4212.5	4146.3	4019.5	3705.2	3214.5	2652.1	2255.1	1780.9	1505.2	1262.6	1108.3
-27.5°	2552.9	2508.7	2442.6	2304.7	2111.8	1830.6	1648.6	1439.1	1279.2	1135.8	1042.1
-30°	1780.9	1797.5	1742.3	1670.7	1582.4	1455.6	1356.4	1257.1	1152.4	1064.1	975.9
-32.5°	1417.0	1428.1	1400.5	1372.9	1328.8	1279.2	1218.5	1146.9	1064.1	981.4	898.7
-35°	1218.5	1224.0	1224.0	1218.5	1207.5	1168.9	1124.8	1058.6	981.4	904.2	832.6
-37.5°	1119.3	1124.8	1124.8	1119.3	1102.7	1069.7	1025.6	970.4	898.7	827.1	771.9
-40°	1014.5	1020.0	1014.5	1003.5	987.0	953.9	920.8	876.7	821.5	760.9	711.3
-42.5°	915.3	909.8	904.2	893.2	876.7	854.6	827.1	794.0	755.4	711.3	672.7
-45°	821.5	821.5	816.0	810.5	799.5	782.9	766.4	738.8	711.3	678.2	645.1
-47.5°	771.9	771.9	766.4	760.9	755.4	744.4	727.8	705.8	683.7	656.1	628.6
-50°	738.8	738.8	738.8	733.3	727.8	716.8	700.2	683.7	661.6	634.1	606.5
-52.5°	716.8	716.8	716.8	711.3	705.8	700.2	683.7	661.6	634.1	612.0	590.0
-55°	705.8	700.2	700.2	694.7	689.2	683.7	661.6	639.6	617.5	595.5	573.4
-57.5°	689.2	683.7	683.7	678.2	672.7	667.2	645.1	623.1	601.0	573.4	556.9
-60°	672.7	667.2	667.2	656.1	650.6	645.1	623.1	601.0	578.9	556.9	534.8
-62.5°	650.6	645.1	639.6	634.1	623.1	612.0	595.5	573.4	545.9	523.8	501.7
-65°	601.0	595.5	590.0	584.5	578.9	573.4	556.9	529.3	507.3	485.2	463.2
-67.5°	540.3	540.3	540.3	529.3	523.8	512.8	501.7	479.7	457.6	435.6	419.0
-70°	468.7	468.7	468.7	457.6	452.1	446.6	430.1	413.5	397.0	380.4	358.4
-72.5°	397.0	391.5	391.5	386.0	374.9	369.4	358.4	347.4	330.8	319.8	303.3
-75°	325.3	319.8	319.8	314.3	308.8	303.3	292.2	286.7	275.7	264.7	248.1
-77.5°	259.1	259.1	259.1	253.6	248.1	242.6	237.1	231.6	226.1	215.0	204.0
-80°	198.5	198.5	198.5	198.5	198.5	198.5	198.5	193.0	182.0	176.4	170.9
-82.5°	143.4	148.9	148.9	148.9	148.9	148.9	148.9	148.9	143.4	137.8	132.3
-85°	93.7	99.2	99.2	104.8	110.3	110.3	115.8	110.3	104.8	93.7	88.2
-87.5°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	44.1	44.1	44.1	38.6
-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	11.0	11.0	11.0
85°	11.0	11.0	11.0	11.0	16.5	16.5	16.5	22.1	22.1	22.1	22.1
82.5°	11.0	16.5	16.5	16.5	22.1	22.1	27.6	33.1	44.1	49.6	49.6
80°	11.0	16.5	16.5	16.5	22.1	22.1	27.6	27.6	33.1	38.6	49.6
77.5°	11.0	11.0	16.5	16.5	16.5	22.1	22.1	27.6	27.6	33.1	38.6
75°	5.5	11.0	11.0	11.0	16.5	16.5	22.1	22.1	27.6	27.6	33.1
72.5°	5.5	11.0	11.0	11.0	16.5	16.5	22.1	22.1	22.1	27.6	27.6
70°	5.5	11.0	11.0	11.0	11.0	16.5	16.5	16.5	22.1	22.1	22.1
67.5°	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.5	16.5	16.5	22.1
65°	5.5	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.5	16.5	16.5
62.5°	5.5	5.5	5.5	11.0	11.0	11.0	11.0	11.0	16.5	16.5	16.5
60°	22.1	22.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
57.5°	49.6	49.6	44.1	38.6	33.1	33.1	27.6	22.1	22.1	16.5	16.5
55°	82.7	77.2	71.7	60.7	55.1	49.6	44.1	33.1	27.6	22.1	16.5
52.5°	104.8	99.2	93.7	88.2	77.2	66.2	60.7	55.1	44.1	33.1	27.6
50°	154.4	137.8	126.8	115.8	104.8	93.7	82.7	77.2	60.7	49.6	38.6
47.5°	187.5	176.4	159.9	148.9	137.8	121.3	104.8	93.7	82.7	66.2	49.6
45°	215.0	204.0	187.5	176.4	165.4	148.9	132.3	115.8	104.8	88.2	66.2
42.5°	242.6	231.6	215.0	204.0	187.5	170.9	154.4	137.8	121.3	110.3	88.2
40°	281.2	264.7	242.6	231.6	220.5	198.5	176.4	159.9	143.4	126.8	104.8
37.5°	330.8	314.3	286.7	264.7	248.1	231.6	209.5	187.5	170.9	148.9	126.8
35°	408.0	380.4	341.9	308.8	286.7	264.7	237.1	215.0	193.0	170.9	148.9
32.5°	485.2	441.1	391.5	352.9	319.8	292.2	264.7	242.6	215.0	187.5	165.4
30°	545.9	496.2	446.6	391.5	352.9	319.8	292.2	264.7	237.1	209.5	182.0
27.5°	606.5	551.4	496.2	441.1	386.0	341.9	314.3	286.7	259.1	231.6	198.5
25°	667.2	606.5	551.4	490.7	424.6	374.9	336.3	314.3	286.7	253.6	215.0
22.5°	722.3	667.2	612.0	545.9	468.7	402.5	363.9	336.3	308.8	270.2	237.1
20°	827.1	755.4	689.2	606.5	518.3	452.1	402.5	363.9	330.8	292.2	253.6
17.5°	964.9	860.1	771.9	678.2	590.0	507.3	435.6	391.5	358.4	314.3	270.2
15°	1141.3	959.4	849.1	755.4	650.6	556.9	479.7	419.0	374.9	330.8	292.2
12.5°	1273.7	1036.6	915.3	827.1	716.8	612.0	512.8	441.1	391.5	347.4	303.3
10°	1422.5	1119.3	970.4	871.2	755.4	639.6	534.8	457.6	402.5	363.9	319.8
7.5°	1543.8	1185.4	998.0	887.7	777.4	661.6	556.9	474.2	419.0	374.9	330.8
5°	1654.1	1240.6	1020.0	893.2	788.5	678.2	567.9	485.2	430.1	386.0	341.9
2.5°	1731.3	1290.2	1042.1	904.2	799.5	689.2	584.5	496.2	441.1	397.0	352.9
0°	1797.5	1306.8	1036.6	904.2	805.0	689.2	590.0	501.7	446.6	402.5	358.4
-2.5°	1819.5	1334.3	1064.1	915.3	816.0	700.2	601.0	507.3	452.1	408.0	369.4
-5°	1819.5	1312.3	1064.1	926.3	821.5	705.8	601.0	512.8	457.6	413.5	369.4
-7.5°	1753.4	1279.2	1058.6	937.3	827.1	711.3	601.0	518.3	463.2	419.0	374.9
-10°	1637.6	1229.6	1053.1	942.8	827.1	705.8	601.0	518.3	463.2	419.0	380.4
-12.5°	1450.1	1163.4	1025.6	931.8	816.0	694.7	595.5	518.3	463.2	424.6	380.4
-15°	1356.4	1108.3	992.5	898.7	788.5	678.2	584.5	512.8	463.2	424.6	386.0
-17.5°	1229.6	1064.1	959.4	865.7	766.4	661.6	573.4	512.8	463.2	419.0	386.0
-20°	1141.3	1014.5	920.8	838.1	738.8	645.1	567.9	507.3	463.2	419.0	386.0



REPORT NUMBER: P724087
 CATALOG NUMBER: IFLD-M-SA4E-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°	1064.1	959.4	876.7	794.0	705.8	623.1	556.9	501.7	457.6	419.0	386.0
-25°	1003.5	909.8	832.6	755.4	678.2	606.5	545.9	496.2	452.1	419.0	380.4
-27.5°	948.4	860.1	788.5	716.8	645.1	590.0	534.8	490.7	452.1	413.5	374.9
-30°	887.7	816.0	744.4	678.2	628.6	573.4	523.8	479.7	446.6	408.0	369.4
-32.5°	827.1	760.9	700.2	650.6	606.5	562.4	518.3	474.2	435.6	397.0	358.4
-35°	771.9	711.3	667.2	623.1	590.0	551.4	507.3	463.2	430.1	391.5	358.4
-37.5°	716.8	672.7	634.1	601.0	567.9	534.8	490.7	452.1	419.0	380.4	341.9
-40°	672.7	639.6	612.0	584.5	551.4	512.8	479.7	441.1	408.0	369.4	325.3
-42.5°	645.1	617.5	590.0	562.4	534.8	501.7	468.7	430.1	397.0	358.4	314.3
-45°	617.5	595.5	573.4	551.4	523.8	490.7	452.1	413.5	380.4	341.9	308.8
-47.5°	601.0	578.9	556.9	540.3	518.3	474.2	441.1	402.5	363.9	330.8	292.2
-50°	584.5	562.4	545.9	523.8	496.2	457.6	424.6	386.0	352.9	314.3	281.2
-52.5°	567.9	545.9	523.8	501.7	474.2	441.1	408.0	374.9	336.3	297.7	264.7
-55°	551.4	529.3	507.3	485.2	457.6	430.1	397.0	352.9	314.3	275.7	242.6
-57.5°	534.8	518.3	490.7	463.2	435.6	408.0	369.4	330.8	292.2	253.6	226.1
-60°	512.8	490.7	468.7	435.6	408.0	374.9	341.9	308.8	270.2	237.1	209.5
-62.5°	479.7	457.6	435.6	402.5	374.9	347.4	319.8	281.2	253.6	220.5	193.0
-65°	441.1	419.0	397.0	369.4	341.9	314.3	292.2	259.1	231.6	204.0	182.0
-67.5°	397.0	374.9	358.4	330.8	308.8	281.2	259.1	231.6	204.0	182.0	159.9
-70°	341.9	325.3	308.8	286.7	264.7	242.6	220.5	198.5	176.4	159.9	137.8
-72.5°	292.2	275.7	259.1	242.6	226.1	204.0	187.5	170.9	154.4	137.8	126.8
-75°	237.1	226.1	215.0	204.0	187.5	170.9	159.9	143.4	132.3	121.3	115.8
-77.5°	198.5	187.5	176.4	165.4	154.4	143.4	132.3	121.3	115.8	110.3	104.8
-80°	159.9	154.4	148.9	137.8	132.3	121.3	115.8	104.8	104.8	104.8	104.8
-82.5°	126.8	121.3	115.8	110.3	104.8	99.2	99.2	93.7	99.2	99.2	93.7
-85°	88.2	82.7	77.2	77.2	71.7	71.7	66.2	66.2	66.2	60.7	60.7
-87.5°	38.6	38.6	38.6	38.6	33.1	33.1	33.1	33.1	33.1	27.6	27.6
-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: P724087
 CATALOG NUMBER: IFLD-M-SA4E-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°	11.0	11.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	22.1	22.1	16.5	16.5	16.5	11.0	11.0	5.5	5.5	5.5	5.5
82.5°	49.6	44.1	38.6	33.1	27.6	22.1	16.5	11.0	11.0	5.5	5.5
80°	60.7	60.7	60.7	55.1	44.1	33.1	22.1	16.5	11.0	5.5	5.5
77.5°	44.1	44.1	49.6	55.1	55.1	44.1	27.6	16.5	11.0	11.0	5.5
75°	33.1	33.1	33.1	38.6	44.1	44.1	33.1	22.1	11.0	11.0	5.5
72.5°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	22.1	16.5	11.0	11.0
70°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	22.1	16.5	11.0	11.0
67.5°	22.1	22.1	27.6	27.6	27.6	22.1	22.1	22.1	16.5	11.0	11.0
65°	16.5	22.1	22.1	27.6	22.1	22.1	22.1	16.5	16.5	11.0	11.0
62.5°	16.5	16.5	22.1	22.1	22.1	22.1	16.5	16.5	16.5	11.0	11.0
60°	16.5	16.5	16.5	22.1	16.5	16.5	16.5	16.5	16.5	11.0	11.0
57.5°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0
55°	16.5	16.5	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0
52.5°	22.1	16.5	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0
50°	27.6	16.5	16.5	16.5	16.5	11.0	11.0	11.0	11.0	11.0	11.0
47.5°	38.6	27.6	22.1	16.5	16.5	11.0	11.0	11.0	11.0	11.0	5.5
45°	55.1	38.6	27.6	22.1	16.5	11.0	11.0	11.0	11.0	11.0	5.5
42.5°	66.2	49.6	33.1	27.6	22.1	16.5	11.0	11.0	11.0	5.5	5.5
40°	82.7	66.2	44.1	33.1	22.1	16.5	11.0	11.0	11.0	5.5	5.5
37.5°	104.8	82.7	55.1	38.6	27.6	16.5	16.5	11.0	11.0	5.5	5.5
35°	121.3	93.7	71.7	44.1	33.1	22.1	16.5	11.0	11.0	5.5	5.5
32.5°	137.8	110.3	88.2	55.1	38.6	27.6	22.1	11.0	11.0	5.5	5.5
30°	154.4	126.8	99.2	71.7	49.6	33.1	22.1	11.0	11.0	5.5	5.5
27.5°	170.9	137.8	110.3	82.7	55.1	38.6	27.6	16.5	11.0	5.5	5.5
25°	187.5	154.4	121.3	93.7	60.7	44.1	27.6	16.5	11.0	11.0	5.5
22.5°	198.5	170.9	137.8	104.8	71.7	49.6	33.1	22.1	11.0	11.0	5.5
20°	215.0	187.5	148.9	115.8	82.7	55.1	33.1	22.1	11.0	11.0	5.5
17.5°	231.6	198.5	159.9	126.8	93.7	60.7	38.6	27.6	11.0	11.0	5.5
15°	248.1	209.5	170.9	132.3	99.2	66.2	38.6	27.6	11.0	11.0	5.5
12.5°	264.7	226.1	182.0	143.4	104.8	71.7	44.1	33.1	16.5	11.0	5.5
10°	275.7	237.1	193.0	148.9	110.3	82.7	49.6	33.1	16.5	11.0	5.5
7.5°	292.2	248.1	204.0	159.9	115.8	88.2	55.1	33.1	16.5	11.0	5.5
5°	297.7	259.1	209.5	170.9	121.3	93.7	60.7	38.6	16.5	11.0	5.5
2.5°	303.3	270.2	215.0	176.4	126.8	93.7	60.7	38.6	22.1	11.0	5.5
0°	308.8	275.7	220.5	182.0	132.3	99.2	66.2	38.6	22.1	11.0	5.5
-2.5°	314.3	281.2	231.6	187.5	137.8	104.8	71.7	38.6	22.1	11.0	5.5
-5°	319.8	281.2	242.6	193.0	143.4	104.8	71.7	44.1	27.6	11.0	5.5
-7.5°	325.3	286.7	248.1	198.5	148.9	104.8	77.2	44.1	27.6	16.5	5.5
-10°	330.8	292.2	253.6	204.0	148.9	110.3	77.2	44.1	27.6	16.5	5.5
-12.5°	336.3	297.7	253.6	204.0	154.4	110.3	77.2	49.6	27.6	16.5	5.5
-15°	341.9	297.7	253.6	204.0	154.4	115.8	82.7	49.6	27.6	16.5	11.0
-17.5°	341.9	297.7	253.6	209.5	154.4	115.8	82.7	49.6	27.6	16.5	11.0
-20°	341.9	297.7	253.6	209.5	154.4	115.8	82.7	49.6	27.6	16.5	11.0



REPORT NUMBER: P724087
 CATALOG NUMBER: IFLD-M-SA4E-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°	336.3	292.2	253.6	204.0	154.4	115.8	82.7	49.6	33.1	16.5	11.0
-25°	336.3	292.2	253.6	204.0	154.4	115.8	77.2	49.6	33.1	16.5	11.0
-27.5°	330.8	292.2	248.1	198.5	148.9	110.3	77.2	49.6	33.1	16.5	11.0
-30°	325.3	286.7	242.6	193.0	148.9	110.3	77.2	49.6	33.1	16.5	11.0
-32.5°	319.8	275.7	237.1	187.5	143.4	104.8	77.2	49.6	33.1	16.5	11.0
-35°	308.8	270.2	226.1	182.0	137.8	104.8	71.7	49.6	33.1	22.1	11.0
-37.5°	297.7	259.1	220.5	176.4	132.3	99.2	71.7	49.6	33.1	22.1	11.0
-40°	286.7	253.6	209.5	165.4	126.8	93.7	71.7	49.6	33.1	22.1	16.5
-42.5°	275.7	242.6	204.0	159.9	126.8	93.7	66.2	49.6	33.1	22.1	16.5
-45°	270.2	237.1	193.0	154.4	121.3	93.7	66.2	44.1	33.1	22.1	16.5
-47.5°	259.1	220.5	182.0	148.9	115.8	88.2	60.7	44.1	33.1	22.1	16.5
-50°	242.6	209.5	176.4	143.4	110.3	82.7	60.7	44.1	33.1	22.1	16.5
-52.5°	226.1	193.0	165.4	132.3	104.8	82.7	60.7	44.1	33.1	22.1	16.5
-55°	209.5	182.0	154.4	126.8	99.2	77.2	55.1	44.1	33.1	22.1	16.5
-57.5°	198.5	170.9	143.4	115.8	93.7	71.7	55.1	38.6	27.6	22.1	16.5
-60°	187.5	159.9	132.3	110.3	88.2	71.7	55.1	38.6	27.6	22.1	11.0
-62.5°	170.9	148.9	121.3	104.8	82.7	66.2	49.6	38.6	27.6	22.1	11.0
-65°	154.4	132.3	110.3	93.7	77.2	60.7	49.6	38.6	27.6	22.1	11.0
-67.5°	137.8	121.3	104.8	88.2	71.7	60.7	49.6	38.6	27.6	16.5	11.0
-70°	126.8	110.3	93.7	82.7	71.7	55.1	49.6	38.6	27.6	16.5	11.0
-72.5°	110.3	99.2	88.2	77.2	66.2	60.7	49.6	38.6	22.1	16.5	11.0
-75°	104.8	93.7	82.7	77.2	71.7	60.7	49.6	33.1	22.1	16.5	11.0
-77.5°	104.8	93.7	88.2	82.7	71.7	60.7	44.1	27.6	16.5	16.5	11.0
-80°	104.8	99.2	93.7	77.2	66.2	49.6	33.1	27.6	16.5	11.0	5.5
-82.5°	93.7	77.2	66.2	55.1	49.6	38.6	27.6	22.1	11.0	11.0	5.5
-85°	60.7	49.6	44.1	38.6	33.1	27.6	16.5	11.0	11.0	5.5	5.5
-87.5°	27.6	27.6	22.1	16.5	16.5	11.0	11.0	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: P724087
 CATALOG NUMBER: IFLD-M-SA4E-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°	5.5	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: P724087
CATALOG NUMBER: IFLD-M-SA4E-730-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)