

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: P724265

Luminaire Tested: **IFLD-L-SA7D-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724265  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7D-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

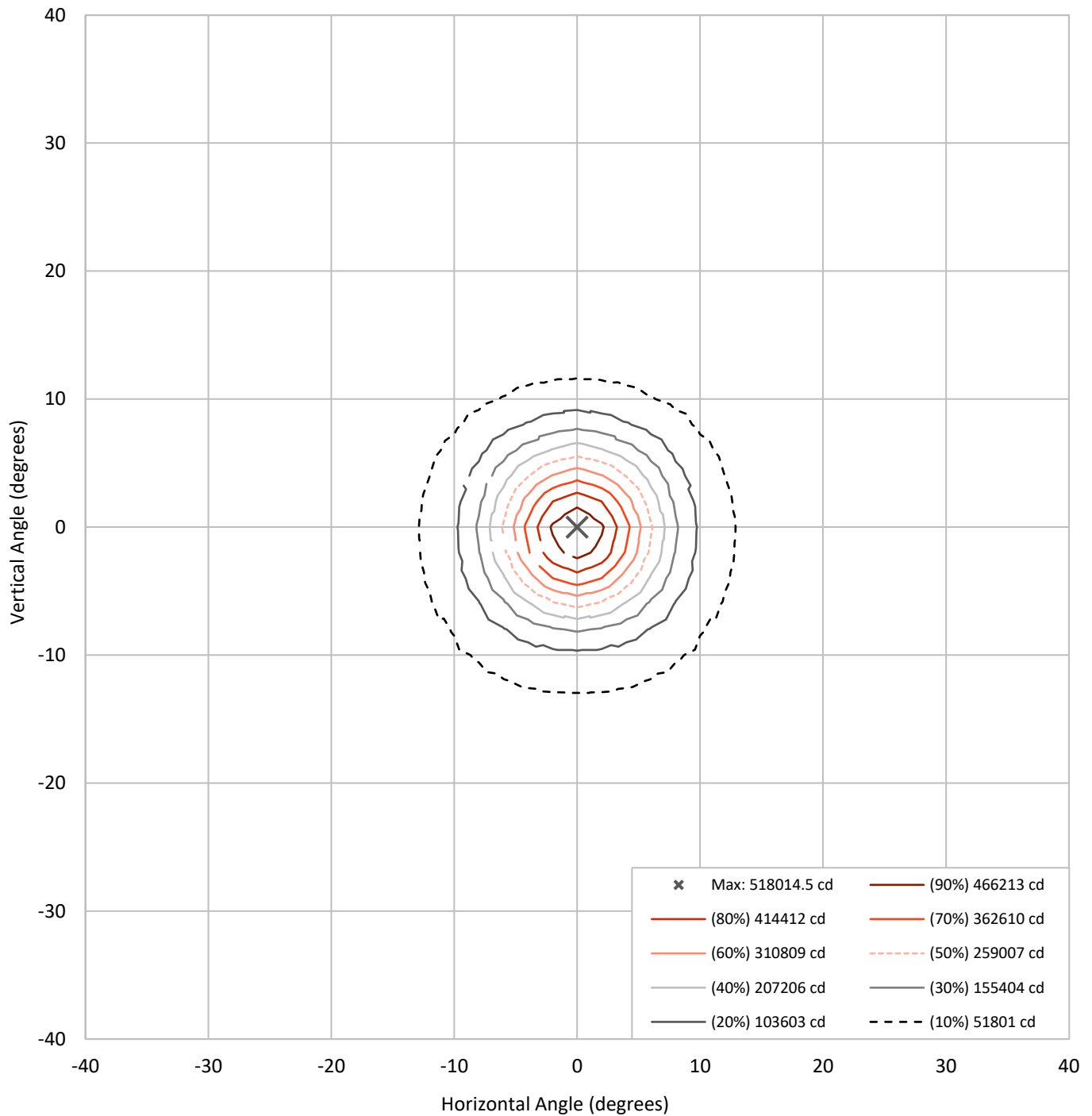
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	36183.5 lumens	Max Intensity:	518014.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	11319.9 lumens	Field Lumens:	25756.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 422.6  
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





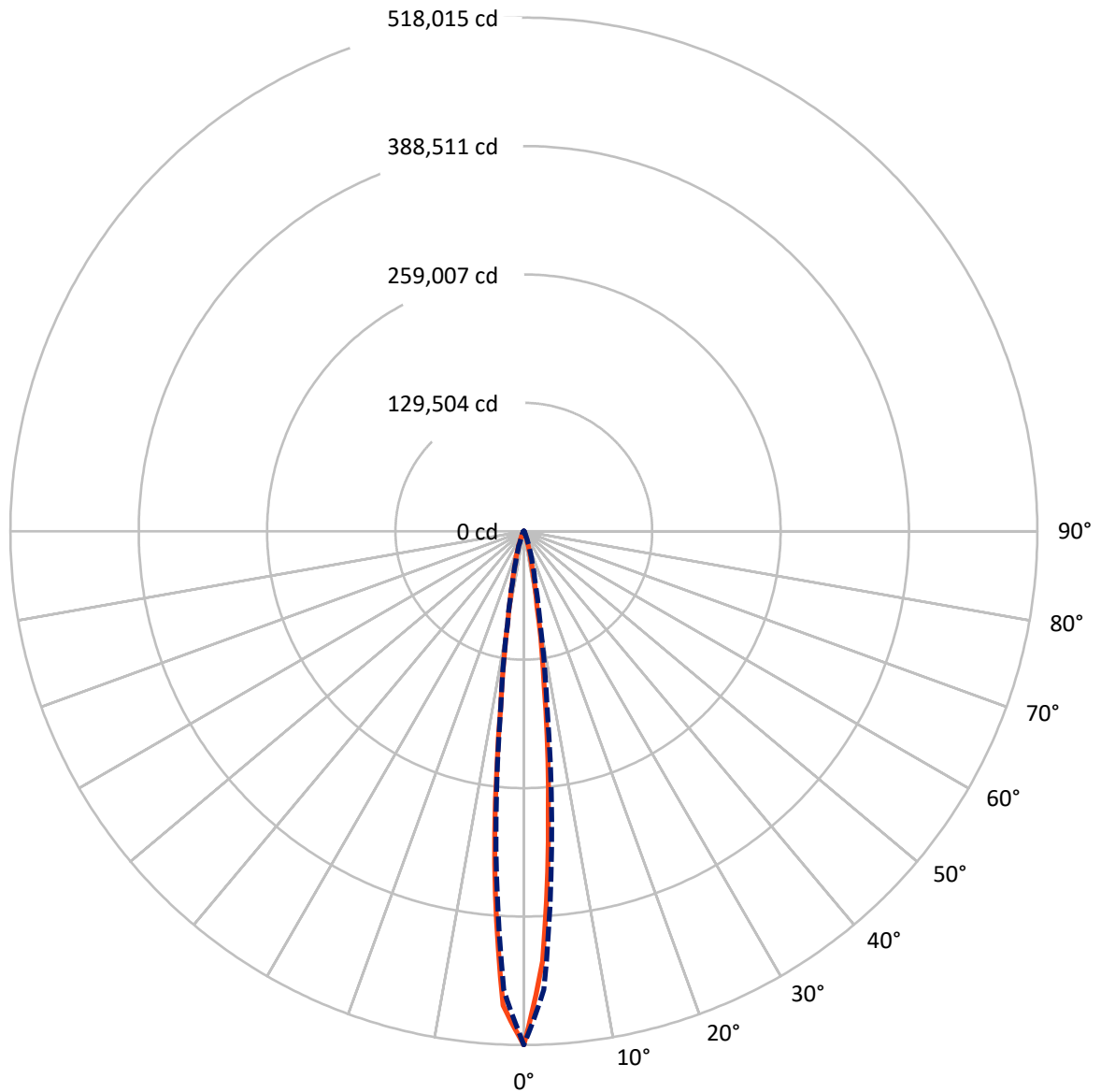
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### Lumen Table

90	0.2	2.2		1.8		0.8		0.1		0.8		1.8		2.2		0.2			
80	0.2	2.2		1.8		0.8		0.1		0.8		1.8		2.2		0.2			
70	0.3	0.4	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.3	0.2	0.3	0.4	0.4	0.4	0.3			
60		0.2	0.4	1.0	1.9	2.8	3.5	4.0	4.0	3.5	2.8	1.9	1.0	0.4	0.2				
50	0.2	0.3	1.2	3.0	5.1	7.3	9.6	11.3	11.3	9.6	7.3	5.1	3.0	1.2	0.3	0.2			
40		0.6	2.5	5.5	9.2	14.5	22.0	26.3	26.3	22.0	14.5	9.2	5.5	2.5	0.6				
30	0.4	1.1	3.9	8.0	14.5	25.0	48.3	77.9	77.9	48.3	25.0	14.5	8.0	3.9	1.1	0.4			
20		1.6	5.2	10.9	22.0	54.6	285.1	721.2	721.2	285.1	54.6	22.0	10.9	5.2	1.6				
10	0.6	2.0	6.2	12.8	26.9	110.8	918.1	5657.8	5657.8	918.1	110.8	26.9	12.8	6.2	2.0	0.6			
0		2.3	6.7	13.5	28.0	126.3	1010.3	6230.8	6230.8	1010.3	126.3	28.0	13.5	6.7	2.3				
-10	0.8	2.5	7.0	13.4	26.3	75.7	453.5	1092.7	1092.7	453.5	75.7	26.3	13.4	7.0	2.5	0.8			
-20		2.5	6.9	12.8	22.3	38.6	93.7	176.1	176.1	93.7	38.6	22.3	12.8	6.9	2.5				
-30	0.8	2.2	6.4	11.8	18.5	27.3	38.7	45.4	45.4	38.7	27.3	18.5	11.8	6.4	2.2	0.8			
-40		1.9	5.6	10.6	16.1	21.3	26.9	29.9	29.9	26.9	21.3	16.1	10.6	5.6	1.9				
-50	0.7	1.6	4.4	8.9	14.1	18.6	22.8	24.9	24.9	22.8	18.6	14.1	8.9	4.4	1.6	0.7			
-60		1.2	3.2	6.6	10.8	14.8	18.7	20.7	20.7	18.7	14.8	10.8	6.6	3.2	1.2				
-70	0.4	1.6	4.4	8.9	14.1	18.6	22.8	24.9	24.9	22.8	18.6	14.1	8.9	4.4	1.6	0.4			
-80		1.2	3.2	6.6	10.8	14.8	18.7	20.7	20.7	18.7	14.8	10.8	6.6	3.2	1.2				
-90	0.4	4.9		13.5		25.0		30.2		25.0		13.5		4.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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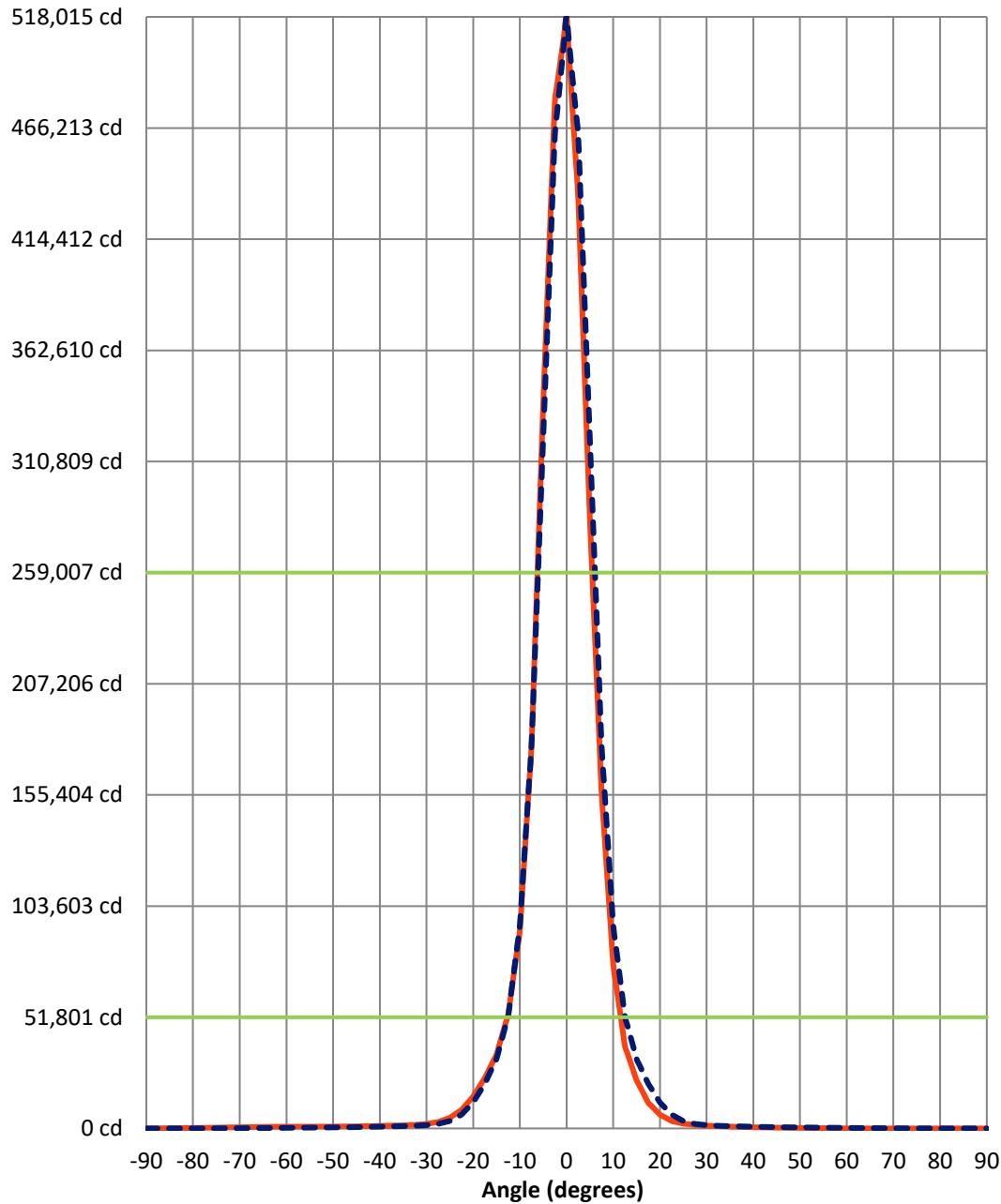
### Luminous Intensity Polar Plot



— 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: 11319.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 25756.8  
Efficiency: 71.2%

**Spill:**  
Lumens: 10426.8  
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	6.5	6.5
85°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	13.0	13.0
82.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	13.0	13.0	13.0
80°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	13.0	13.0	13.0
77.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	13.0
75°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
72.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
70°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
67.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
65°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
62.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
60°	13.0	13.0	13.0	13.0	19.4	19.4	25.9	25.9	25.9	13.0	25.9
57.5°	103.7	103.7	97.2	90.8	84.3	77.8	77.8	77.8	77.8	77.8	64.8
55°	142.6	142.6	142.6	136.1	136.1	129.6	123.2	116.7	116.7	110.2	103.7
52.5°	168.5	168.5	168.5	168.5	162.1	162.1	162.1	155.6	142.6	142.6	136.1
50°	239.8	233.4	233.4	233.4	233.4	220.4	213.9	201.0	194.5	188.0	181.5
47.5°	311.2	311.2	304.7	304.7	298.2	285.2	272.3	259.3	246.3	239.8	226.9
45°	369.5	369.5	363.0	363.0	356.5	343.6	324.1	304.7	291.7	278.7	265.8
42.5°	453.8	447.3	440.8	434.3	421.4	401.9	376.0	350.0	330.6	311.2	298.2
40°	544.5	544.5	538.0	531.6	512.1	492.7	460.2	427.8	395.4	356.5	337.1
37.5°	654.7	661.2	667.7	667.7	654.7	628.8	583.4	544.5	492.7	440.8	414.9
35°	855.7	855.7	868.6	868.6	849.2	816.8	784.4	700.1	635.3	570.5	512.1
32.5°	1076.1	1082.6	1056.6	1037.2	1011.3	972.4	914.0	842.7	771.4	687.1	622.3
30°	1290.0	1290.0	1257.6	1218.7	1166.8	1102.0	1030.7	952.9	868.6	784.4	706.6
27.5°	1627.1	1594.7	1568.7	1503.9	1413.2	1290.0	1199.2	1076.1	965.9	868.6	784.4
25°	2184.6	2178.1	2119.7	2009.5	1828.0	1633.6	1484.5	1277.0	1108.5	959.4	862.2
22.5°	3474.6	3429.2	3293.1	3020.8	2593.0	2255.9	1951.2	1627.1	1322.4	1121.5	965.9
20°	6424.1	6275.0	5911.9	5160.0	4200.6	3539.4	2780.9	2236.4	1724.3	1348.3	1115.0
17.5°	11985.9	11888.7	11752.6	10015.3	8064.1	6663.9	4959.0	3429.2	2450.3	1763.2	1322.4
15°	22468.0	21748.4	20244.5	18163.7	15434.6	11927.6	8770.7	5536.0	3500.5	2346.6	1678.9
12.5°	38408.2	37610.8	33727.9	28522.5	23615.4	18623.9	13075.0	8414.1	4985.0	2981.9	1990.1
10°	76531.1	70742.4	59871.4	44683.1	34875.3	26007.4	18358.1	11480.3	6488.9	3766.3	2359.6
7.5°	156750.7	137835.1	106214.0	74981.8	48533.7	34110.4	23446.8	15013.2	8647.5	4712.7	2696.7
5°	284103.8	250544.5	188754.3	113655.8	70476.6	42751.4	27822.4	17852.5	10235.7	5484.1	3033.8
2.5°	433808.2	390395.6	272889.3	156284.0	86903.0	49441.2	30882.1	19719.4	11247.0	6009.2	3293.1
0°	518014.5	462719.7	321371.1	178927.0	94727.2	52280.5	32379.6	20840.9	12102.6	6437.0	3461.6
-2.5°	478517.3	434002.7	295344.3	166208.6	90520.1	51035.9	32593.5	21119.6	12245.2	6553.7	3539.4
-5°	337259.5	300724.7	204357.4	122653.4	76803.4	47010.3	30752.5	20069.5	11849.8	6385.2	3507.0
-7.5°	178427.9	161897.8	121194.8	88134.6	56059.7	39788.9	27686.3	18209.0	10825.6	5931.4	3312.5
-10°	92186.1	88795.8	76518.2	57680.3	45363.8	33332.5	23628.3	15570.7	9049.4	5108.1	2981.9
-12.5°	53149.1	52572.2	48624.4	41740.1	34784.5	27381.6	19388.8	12699.0	7552.0	4233.0	2515.2
-15°	34415.0	34661.4	33287.1	30421.9	26461.1	20490.8	14896.5	9444.8	5587.8	3429.2	2217.0
-17.5°	23485.7	23420.9	22779.1	20815.0	17625.6	13839.9	9872.7	6670.4	4233.0	2670.7	1841.0
-20°	14857.6	14883.6	14287.2	12932.4	10585.7	8530.8	6145.3	4498.8	3001.3	2100.3	1627.1



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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°	8621.6	8641.0	8265.1	7500.1	6268.5	5056.3	3993.2	2975.4	2210.5	1750.2	1426.1
-25°	4952.5	4874.8	4725.7	4356.2	3779.2	3118.0	2651.3	2093.8	1769.7	1484.5	1303.0
-27.5°	3001.3	2949.5	2871.7	2709.6	2482.8	2152.2	1938.2	1691.9	1503.9	1335.4	1225.2
-30°	2093.8	2113.3	2048.4	1964.2	1860.4	1711.4	1594.7	1478.0	1354.8	1251.1	1147.4
-32.5°	1666.0	1678.9	1646.5	1614.1	1562.3	1503.9	1432.6	1348.3	1251.1	1153.9	1056.6
-35°	1432.6	1439.1	1439.1	1432.6	1419.6	1374.3	1322.4	1244.6	1153.9	1063.1	978.8
-37.5°	1315.9	1322.4	1322.4	1315.9	1296.5	1257.6	1205.7	1140.9	1056.6	972.4	907.5
-40°	1192.8	1199.2	1192.8	1179.8	1160.3	1121.5	1082.6	1030.7	965.9	894.6	836.2
-42.5°	1076.1	1069.6	1063.1	1050.1	1030.7	1004.8	972.4	933.5	888.1	836.2	790.9
-45°	965.9	965.9	959.4	952.9	939.9	920.5	901.1	868.6	836.2	797.3	758.4
-47.5°	907.5	907.5	901.1	894.6	888.1	875.1	855.7	829.7	803.8	771.4	739.0
-50°	868.6	868.6	868.6	862.2	855.7	842.7	823.3	803.8	777.9	745.5	713.1
-52.5°	842.7	842.7	842.7	836.2	829.7	823.3	803.8	777.9	745.5	719.5	693.6
-55°	829.7	823.3	823.3	816.8	810.3	803.8	777.9	752.0	726.0	700.1	674.2
-57.5°	810.3	803.8	803.8	797.3	790.9	784.4	758.4	732.5	706.6	674.2	654.7
-60°	790.9	784.4	784.4	771.4	764.9	758.4	732.5	706.6	680.7	654.7	628.8
-62.5°	764.9	758.4	752.0	745.5	732.5	719.5	700.1	674.2	641.8	615.8	589.9
-65°	706.6	700.1	693.6	687.1	680.7	674.2	654.7	622.3	596.4	570.5	544.5
-67.5°	635.3	635.3	635.3	622.3	615.8	602.9	589.9	564.0	538.0	512.1	492.7
-70°	551.0	551.0	551.0	538.0	531.6	525.1	505.6	486.2	466.7	447.3	421.4
-72.5°	466.7	460.2	460.2	453.8	440.8	434.3	421.4	408.4	388.9	376.0	356.5
-75°	382.5	376.0	376.0	369.5	363.0	356.5	343.6	337.1	324.1	311.2	291.7
-77.5°	304.7	304.7	304.7	298.2	291.7	285.2	278.7	272.3	265.8	252.8	239.8
-80°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	226.9	213.9	207.4	201.0
-82.5°	168.5	175.0	175.0	175.0	175.0	175.0	175.0	175.0	168.5	162.1	155.6
-85°	110.2	116.7	116.7	123.2	129.6	129.6	136.1	129.6	123.2	110.2	103.7
-87.5°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	51.9	51.9	51.9	45.4
-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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**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°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	13.0	13.0	13.0
85°	13.0	13.0	13.0	13.0	19.4	19.4	19.4	25.9	25.9	25.9	25.9
82.5°	13.0	19.4	19.4	19.4	25.9	25.9	32.4	38.9	51.9	58.3	58.3
80°	13.0	19.4	19.4	19.4	25.9	25.9	32.4	32.4	38.9	45.4	58.3
77.5°	13.0	13.0	19.4	19.4	19.4	25.9	25.9	32.4	32.4	38.9	45.4
75°	6.5	13.0	13.0	13.0	19.4	19.4	25.9	25.9	32.4	32.4	38.9
72.5°	6.5	13.0	13.0	13.0	19.4	19.4	25.9	25.9	25.9	32.4	32.4
70°	6.5	13.0	13.0	13.0	13.0	19.4	19.4	19.4	25.9	25.9	25.9
67.5°	6.5	6.5	6.5	13.0	13.0	13.0	13.0	19.4	19.4	19.4	25.9
65°	6.5	6.5	6.5	6.5	13.0	13.0	13.0	13.0	19.4	19.4	19.4
62.5°	6.5	6.5	6.5	13.0	13.0	13.0	13.0	13.0	19.4	19.4	19.4
60°	25.9	25.9	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
57.5°	58.3	58.3	51.9	45.4	38.9	38.9	32.4	25.9	25.9	19.4	19.4
55°	97.2	90.8	84.3	71.3	64.8	58.3	51.9	38.9	32.4	25.9	19.4
52.5°	123.2	116.7	110.2	103.7	90.8	77.8	71.3	64.8	51.9	38.9	32.4
50°	181.5	162.1	149.1	136.1	123.2	110.2	97.2	90.8	71.3	58.3	45.4
47.5°	220.4	207.4	188.0	175.0	162.1	142.6	123.2	110.2	97.2	77.8	58.3
45°	252.8	239.8	220.4	207.4	194.5	175.0	155.6	136.1	123.2	103.7	77.8
42.5°	285.2	272.3	252.8	239.8	220.4	201.0	181.5	162.1	142.6	129.6	103.7
40°	330.6	311.2	285.2	272.3	259.3	233.4	207.4	188.0	168.5	149.1	123.2
37.5°	388.9	369.5	337.1	311.2	291.7	272.3	246.3	220.4	201.0	175.0	149.1
35°	479.7	447.3	401.9	363.0	337.1	311.2	278.7	252.8	226.9	201.0	175.0
32.5°	570.5	518.6	460.2	414.9	376.0	343.6	311.2	285.2	252.8	220.4	194.5
30°	641.8	583.4	525.1	460.2	414.9	376.0	343.6	311.2	278.7	246.3	213.9
27.5°	713.1	648.2	583.4	518.6	453.8	401.9	369.5	337.1	304.7	272.3	233.4
25°	784.4	713.1	648.2	576.9	499.1	440.8	395.4	369.5	337.1	298.2	252.8
22.5°	849.2	784.4	719.5	641.8	551.0	473.2	427.8	395.4	363.0	317.6	278.7
20°	972.4	888.1	810.3	713.1	609.3	531.6	473.2	427.8	388.9	343.6	298.2
17.5°	1134.4	1011.3	907.5	797.3	693.6	596.4	512.1	460.2	421.4	369.5	317.6
15°	1341.9	1127.9	998.3	888.1	764.9	654.7	564.0	492.7	440.8	388.9	343.6
12.5°	1497.4	1218.7	1076.1	972.4	842.7	719.5	602.9	518.6	460.2	408.4	356.5
10°	1672.5	1315.9	1140.9	1024.2	888.1	752.0	628.8	538.0	473.2	427.8	376.0
7.5°	1815.1	1393.7	1173.3	1043.7	914.0	777.9	654.7	557.5	492.7	440.8	388.9
5°	1944.7	1458.5	1199.2	1050.1	927.0	797.3	667.7	570.5	505.6	453.8	401.9
2.5°	2035.5	1516.9	1225.2	1063.1	939.9	810.3	687.1	583.4	518.6	466.7	414.9
0°	<b>2113.3</b>	<b>1536.3</b>	<b>1218.7</b>	<b>1063.1</b>	<b>946.4</b>	<b>810.3</b>	<b>693.6</b>	<b>589.9</b>	<b>525.1</b>	<b>473.2</b>	<b>421.4</b>
-2.5°	2139.2	1568.7	1251.1	1076.1	959.4	823.3	706.6	596.4	531.6	479.7	434.3
-5°	2139.2	1542.8	1251.1	1089.0	965.9	829.7	706.6	602.9	538.0	486.2	434.3
-7.5°	2061.4	1503.9	1244.6	1102.0	972.4	836.2	706.6	609.3	544.5	492.7	440.8
-10°	1925.3	1445.6	1238.1	1108.5	972.4	829.7	706.6	609.3	544.5	492.7	447.3
-12.5°	1704.9	1367.8	1205.7	1095.5	959.4	816.8	700.1	609.3	544.5	499.1	447.3
-15°	1594.7	1303.0	1166.8	1056.6	927.0	797.3	687.1	602.9	544.5	499.1	453.8
-17.5°	1445.6	1251.1	1127.9	1017.7	901.1	777.9	674.2	602.9	544.5	492.7	453.8
-20°	1341.9	1192.8	1082.6	985.3	868.6	758.4	667.7	596.4	544.5	492.7	453.8



REPORT NUMBER: P724265  
 CATALOG NUMBER: IFLD-L-SA7D-830-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°	1251.1	1127.9	1030.7	933.5	829.7	732.5	654.7	589.9	538.0	492.7	453.8
-25°	1179.8	1069.6	978.8	888.1	797.3	713.1	641.8	583.4	531.6	492.7	447.3
-27.5°	1115.0	1011.3	927.0	842.7	758.4	693.6	628.8	576.9	531.6	486.2	440.8
-30°	1043.7	959.4	875.1	797.3	739.0	674.2	615.8	564.0	525.1	479.7	434.3
-32.5°	972.4	894.6	823.3	764.9	713.1	661.2	609.3	557.5	512.1	466.7	421.4
-35°	907.5	836.2	784.4	732.5	693.6	648.2	596.4	544.5	505.6	460.2	421.4
-37.5°	842.7	790.9	745.5	706.6	667.7	628.8	576.9	531.6	492.7	447.3	401.9
-40°	790.9	752.0	719.5	687.1	648.2	602.9	564.0	518.6	479.7	434.3	382.5
-42.5°	758.4	726.0	693.6	661.2	628.8	589.9	551.0	505.6	466.7	421.4	369.5
-45°	726.0	700.1	674.2	648.2	615.8	576.9	531.6	486.2	447.3	401.9	363.0
-47.5°	706.6	680.7	654.7	635.3	609.3	557.5	518.6	473.2	427.8	388.9	343.6
-50°	687.1	661.2	641.8	615.8	583.4	538.0	499.1	453.8	414.9	369.5	330.6
-52.5°	667.7	641.8	615.8	589.9	557.5	518.6	479.7	440.8	395.4	350.0	311.2
-55°	648.2	622.3	596.4	570.5	538.0	505.6	466.7	414.9	369.5	324.1	285.2
-57.5°	628.8	609.3	576.9	544.5	512.1	479.7	434.3	388.9	343.6	298.2	265.8
-60°	602.9	576.9	551.0	512.1	479.7	440.8	401.9	363.0	317.6	278.7	246.3
-62.5°	564.0	538.0	512.1	473.2	440.8	408.4	376.0	330.6	298.2	259.3	226.9
-65°	518.6	492.7	466.7	434.3	401.9	369.5	343.6	304.7	272.3	239.8	213.9
-67.5°	466.7	440.8	421.4	388.9	363.0	330.6	304.7	272.3	239.8	213.9	188.0
-70°	401.9	382.5	363.0	337.1	311.2	285.2	259.3	233.4	207.4	188.0	162.1
-72.5°	343.6	324.1	304.7	285.2	265.8	239.8	220.4	201.0	181.5	162.1	149.1
-75°	278.7	265.8	252.8	239.8	220.4	201.0	188.0	168.5	155.6	142.6	136.1
-77.5°	233.4	220.4	207.4	194.5	181.5	168.5	155.6	142.6	136.1	129.6	123.2
-80°	188.0	181.5	175.0	162.1	155.6	142.6	136.1	123.2	123.2	123.2	123.2
-82.5°	149.1	142.6	136.1	129.6	123.2	116.7	116.7	110.2	116.7	116.7	110.2
-85°	103.7	97.2	90.8	90.8	84.3	84.3	77.8	77.8	77.8	71.3	71.3
-87.5°	45.4	45.4	45.4	45.4	38.9	38.9	38.9	38.9	38.9	32.4	32.4
-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: P724265  
 CATALOG NUMBER: IFLD-L-SA7D-830-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°	13.0	13.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.0	0.0
85°	25.9	25.9	19.4	19.4	19.4	13.0	13.0	6.5	6.5	6.5	6.5
82.5°	58.3	51.9	45.4	38.9	32.4	25.9	19.4	13.0	13.0	6.5	6.5
80°	71.3	71.3	71.3	64.8	51.9	38.9	25.9	19.4	13.0	6.5	6.5
77.5°	51.9	51.9	58.3	64.8	64.8	51.9	32.4	19.4	13.0	13.0	6.5
75°	38.9	38.9	38.9	45.4	51.9	51.9	38.9	25.9	13.0	13.0	6.5
72.5°	38.9	38.9	38.9	38.9	38.9	38.9	38.9	25.9	19.4	13.0	13.0
70°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	25.9	19.4	13.0	13.0
67.5°	25.9	25.9	32.4	32.4	32.4	25.9	25.9	25.9	19.4	13.0	13.0
65°	19.4	25.9	25.9	32.4	25.9	25.9	25.9	19.4	19.4	13.0	13.0
62.5°	19.4	19.4	25.9	25.9	25.9	25.9	19.4	19.4	19.4	13.0	13.0
60°	19.4	19.4	19.4	25.9	19.4	19.4	19.4	19.4	19.4	13.0	13.0
57.5°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	13.0	13.0	13.0	13.0
55°	19.4	19.4	19.4	19.4	19.4	19.4	13.0	13.0	13.0	13.0	13.0
52.5°	25.9	19.4	19.4	19.4	19.4	19.4	13.0	13.0	13.0	13.0	13.0
50°	32.4	19.4	19.4	19.4	19.4	13.0	13.0	13.0	13.0	13.0	13.0
47.5°	45.4	32.4	25.9	19.4	19.4	13.0	13.0	13.0	13.0	13.0	6.5
45°	64.8	45.4	32.4	25.9	19.4	13.0	13.0	13.0	13.0	13.0	6.5
42.5°	77.8	58.3	38.9	32.4	25.9	19.4	13.0	13.0	13.0	6.5	6.5
40°	97.2	77.8	51.9	38.9	25.9	19.4	13.0	13.0	13.0	6.5	6.5
37.5°	123.2	97.2	64.8	45.4	32.4	19.4	19.4	13.0	13.0	6.5	6.5
35°	142.6	110.2	84.3	51.9	38.9	25.9	19.4	13.0	13.0	6.5	6.5
32.5°	162.1	129.6	103.7	64.8	45.4	32.4	25.9	13.0	13.0	6.5	6.5
30°	181.5	149.1	116.7	84.3	58.3	38.9	25.9	13.0	13.0	6.5	6.5
27.5°	201.0	162.1	129.6	97.2	64.8	45.4	32.4	19.4	13.0	6.5	6.5
25°	220.4	181.5	142.6	110.2	71.3	51.9	32.4	19.4	13.0	13.0	6.5
22.5°	233.4	201.0	162.1	123.2	84.3	58.3	38.9	25.9	13.0	13.0	6.5
20°	252.8	220.4	175.0	136.1	97.2	64.8	38.9	25.9	13.0	13.0	6.5
17.5°	272.3	233.4	188.0	149.1	110.2	71.3	45.4	32.4	13.0	13.0	6.5
15°	291.7	246.3	201.0	155.6	116.7	77.8	45.4	32.4	13.0	13.0	6.5
12.5°	311.2	265.8	213.9	168.5	123.2	84.3	51.9	38.9	19.4	13.0	6.5
10°	324.1	278.7	226.9	175.0	129.6	97.2	58.3	38.9	19.4	13.0	6.5
7.5°	343.6	291.7	239.8	188.0	136.1	103.7	64.8	38.9	19.4	13.0	6.5
5°	350.0	304.7	246.3	201.0	142.6	110.2	71.3	45.4	19.4	13.0	6.5
2.5°	356.5	317.6	252.8	207.4	149.1	110.2	71.3	45.4	25.9	13.0	6.5
0°	363.0	324.1	259.3	213.9	155.6	116.7	77.8	45.4	25.9	13.0	6.5
-2.5°	369.5	330.6	272.3	220.4	162.1	123.2	84.3	45.4	25.9	13.0	6.5
-5°	376.0	330.6	285.2	226.9	168.5	123.2	84.3	51.9	32.4	13.0	6.5
-7.5°	382.5	337.1	291.7	233.4	175.0	123.2	90.8	51.9	32.4	19.4	6.5
-10°	388.9	343.6	298.2	239.8	175.0	129.6	90.8	51.9	32.4	19.4	6.5
-12.5°	395.4	350.0	298.2	239.8	181.5	129.6	90.8	58.3	32.4	19.4	6.5
-15°	401.9	350.0	298.2	239.8	181.5	136.1	97.2	58.3	32.4	19.4	13.0
-17.5°	401.9	350.0	298.2	246.3	181.5	136.1	97.2	58.3	32.4	19.4	13.0
-20°	401.9	350.0	298.2	246.3	181.5	136.1	97.2	58.3	32.4	19.4	13.0



REPORT NUMBER: P724265

CATALOG NUMBER: IFLD-L-SA7D-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	395.4	343.6	298.2	239.8	181.5	136.1	97.2	58.3	38.9	19.4	13.0
-25°	395.4	343.6	298.2	239.8	181.5	136.1	90.8	58.3	38.9	19.4	13.0
-27.5°	388.9	343.6	291.7	233.4	175.0	129.6	90.8	58.3	38.9	19.4	13.0
-30°	382.5	337.1	285.2	226.9	175.0	129.6	90.8	58.3	38.9	19.4	13.0
-32.5°	376.0	324.1	278.7	220.4	168.5	123.2	90.8	58.3	38.9	19.4	13.0
-35°	363.0	317.6	265.8	213.9	162.1	123.2	84.3	58.3	38.9	25.9	13.0
-37.5°	350.0	304.7	259.3	207.4	155.6	116.7	84.3	58.3	38.9	25.9	13.0
-40°	337.1	298.2	246.3	194.5	149.1	110.2	84.3	58.3	38.9	25.9	19.4
-42.5°	324.1	285.2	239.8	188.0	149.1	110.2	77.8	58.3	38.9	25.9	19.4
-45°	317.6	278.7	226.9	181.5	142.6	110.2	77.8	51.9	38.9	25.9	19.4
-47.5°	304.7	259.3	213.9	175.0	136.1	103.7	71.3	51.9	38.9	25.9	19.4
-50°	285.2	246.3	207.4	168.5	129.6	97.2	71.3	51.9	38.9	25.9	19.4
-52.5°	265.8	226.9	194.5	155.6	123.2	97.2	71.3	51.9	38.9	25.9	19.4
-55°	246.3	213.9	181.5	149.1	116.7	90.8	64.8	51.9	38.9	25.9	19.4
-57.5°	233.4	201.0	168.5	136.1	110.2	84.3	64.8	45.4	32.4	25.9	19.4
-60°	220.4	188.0	155.6	129.6	103.7	84.3	64.8	45.4	32.4	25.9	13.0
-62.5°	201.0	175.0	142.6	123.2	97.2	77.8	58.3	45.4	32.4	25.9	13.0
-65°	181.5	155.6	129.6	110.2	90.8	71.3	58.3	45.4	32.4	25.9	13.0
-67.5°	162.1	142.6	123.2	103.7	84.3	71.3	58.3	45.4	32.4	19.4	13.0
-70°	149.1	129.6	110.2	97.2	84.3	64.8	58.3	45.4	32.4	19.4	13.0
-72.5°	129.6	116.7	103.7	90.8	77.8	71.3	58.3	45.4	25.9	19.4	13.0
-75°	123.2	110.2	97.2	90.8	84.3	71.3	58.3	38.9	25.9	19.4	13.0
-77.5°	123.2	110.2	103.7	97.2	84.3	71.3	51.9	32.4	19.4	19.4	13.0
-80°	123.2	116.7	110.2	90.8	77.8	58.3	38.9	32.4	19.4	13.0	6.5
-82.5°	110.2	90.8	77.8	64.8	58.3	45.4	32.4	25.9	13.0	13.0	6.5
-85°	71.3	58.3	51.9	45.4	38.9	32.4	19.4	13.0	13.0	6.5	6.5
-87.5°	32.4	32.4	25.9	19.4	19.4	13.0	13.0	6.5	6.5	6.5	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: P724265  
 CATALOG NUMBER: IFLD-L-SA7D-830-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°	6.5	0.0	0.0	0.0
77.5°	6.5	0.0	0.0	0.0
75°	6.5	6.5	0.0	0.0
72.5°	6.5	6.5	0.0	0.0
70°	6.5	6.5	0.0	0.0
67.5°	6.5	6.5	0.0	0.0
65°	6.5	6.5	0.0	0.0
62.5°	6.5	6.5	0.0	0.0
60°	6.5	6.5	0.0	0.0
57.5°	6.5	6.5	6.5	0.0
55°	6.5	6.5	6.5	0.0
52.5°	6.5	6.5	6.5	0.0
50°	6.5	6.5	6.5	0.0
47.5°	6.5	6.5	6.5	0.0
45°	6.5	6.5	6.5	0.0
42.5°	6.5	6.5	6.5	0.0
40°	6.5	6.5	6.5	0.0
37.5°	6.5	6.5	6.5	0.0
35°	6.5	6.5	6.5	0.0
32.5°	6.5	6.5	6.5	0.0
30°	6.5	6.5	6.5	0.0
27.5°	6.5	6.5	6.5	0.0
25°	6.5	6.5	6.5	0.0
22.5°	6.5	6.5	6.5	0.0
20°	6.5	6.5	6.5	0.0
17.5°	6.5	6.5	6.5	0.0
15°	6.5	6.5	6.5	0.0
12.5°	6.5	6.5	6.5	0.0
10°	6.5	6.5	6.5	0.0
7.5°	6.5	6.5	6.5	0.0
5°	6.5	6.5	6.5	0.0
2.5°	6.5	6.5	6.5	0.0
0°	6.5	6.5	6.5	0.0
-2.5°	6.5	6.5	6.5	0.0
-5°	6.5	6.5	6.5	0.0
-7.5°	6.5	6.5	6.5	0.0
-10°	6.5	6.5	6.5	0.0
-12.5°	6.5	6.5	6.5	0.0
-15°	6.5	6.5	6.5	0.0
-17.5°	6.5	6.5	6.5	0.0
-20°	6.5	6.5	6.5	0.0



REPORT NUMBER: P724265  
CATALOG NUMBER: IFLD-L-SA7D-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	6.5	6.5	6.5	0.0
-25°	6.5	6.5	6.5	0.0
-27.5°	6.5	6.5	6.5	0.0
-30°	6.5	6.5	6.5	0.0
-32.5°	6.5	6.5	6.5	0.0
-35°	6.5	6.5	6.5	0.0
-37.5°	6.5	6.5	6.5	0.0
-40°	6.5	6.5	6.5	0.0
-42.5°	6.5	6.5	6.5	0.0
-45°	6.5	6.5	6.5	0.0
-47.5°	6.5	6.5	6.5	0.0
-50°	6.5	6.5	6.5	0.0
-52.5°	6.5	6.5	6.5	0.0
-55°	6.5	6.5	6.5	0.0
-57.5°	6.5	6.5	6.5	0.0
-60°	6.5	6.5	0.0	0.0
-62.5°	6.5	6.5	0.0	0.0
-65°	6.5	6.5	0.0	0.0
-67.5°	6.5	6.5	0.0	0.0
-70°	6.5	6.5	0.0	0.0
-72.5°	6.5	6.5	0.0	0.0
-75°	6.5	6.5	0.0	0.0
-77.5°	6.5	0.0	0.0	0.0
-80°	6.5	0.0	0.0	0.0
-82.5°	6.5	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)