

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: P724251

Luminaire Tested: **IFLD-S-SA3E-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724251  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

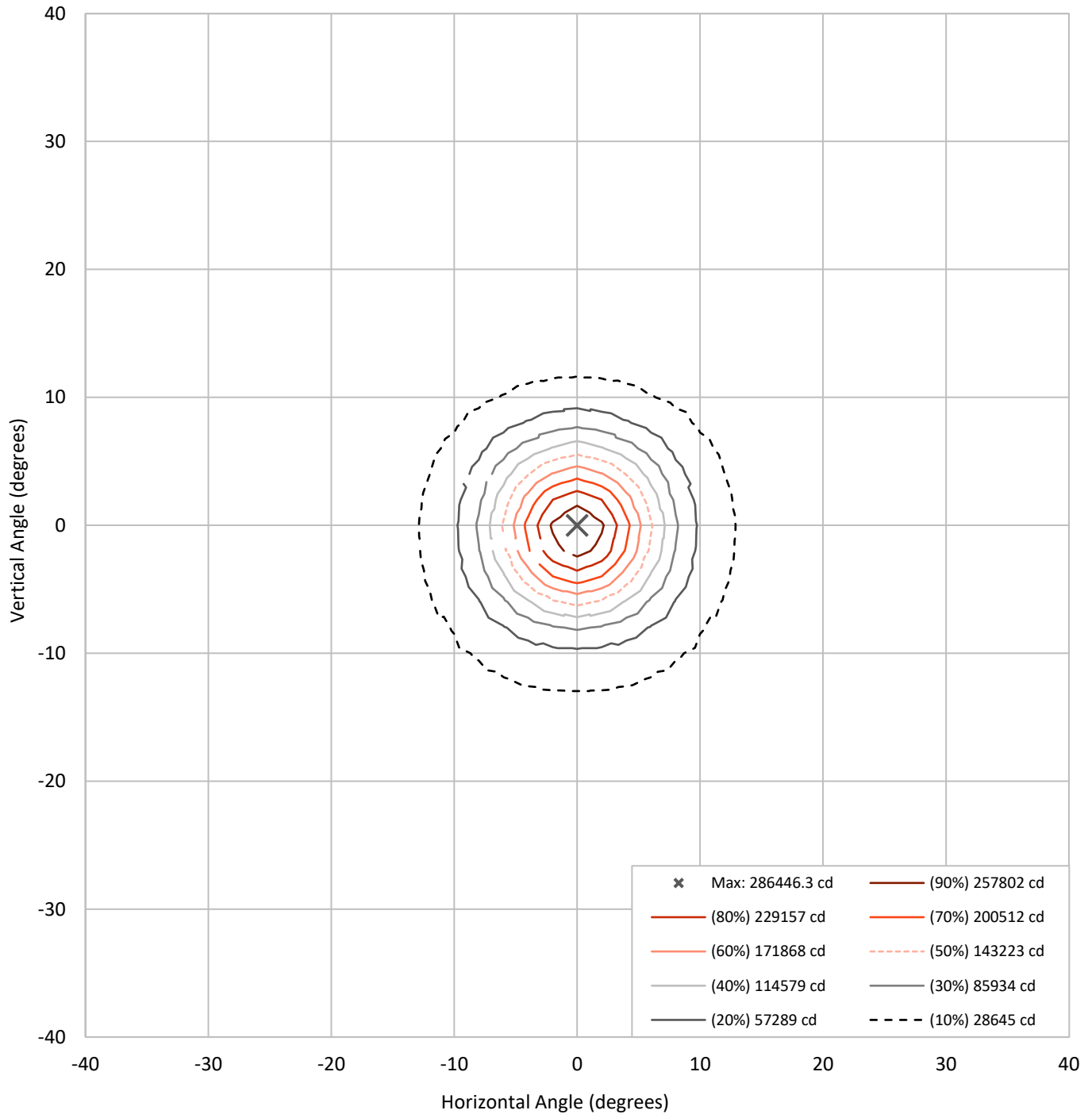
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	20008.4 lumens	Max Intensity:	286446.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6259.6 lumens	Field Lumens:	14242.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 232.1  
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





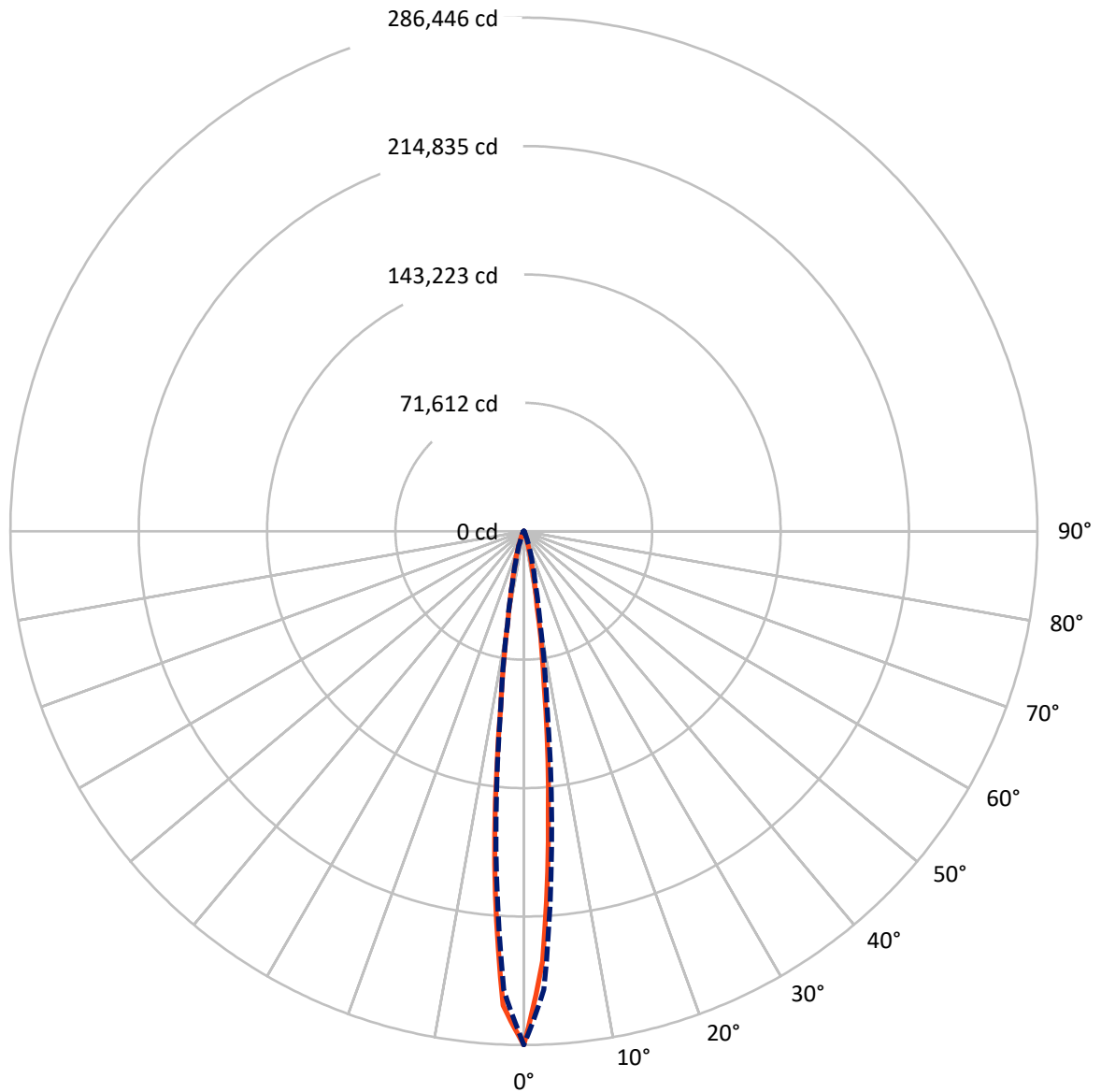
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### Lumen Table

90	0.1	1.2		1.0		0.5		0.0		0.5		1.0		1.2		0.1			
80	0.1	1.2		1.0		0.5		0.0		0.5		1.0		1.2		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.6	1.0	1.6	1.9	2.2	2.2	1.9	1.6	1.0	0.6	0.2	0.1				
50	0.1	0.2	0.6	1.6	2.8	4.0	5.3	6.3	6.3	5.3	4.0	2.8	1.6	0.6	0.2	0.1			
40		0.3	1.4	3.0	5.1	8.0	12.2	14.5	14.5	12.2	8.0	5.1	3.0	1.4	0.3				
30	0.2	0.6	2.1	4.4	8.0	13.8	26.7	43.1	43.1	26.7	13.8	8.0	4.4	2.1	0.6	0.2			
20		0.9	2.9	6.0	12.2	30.2	157.6	398.8	398.8	157.6	30.2	12.2	6.0	2.9	0.9				
10	0.3	1.1	3.4	7.1	14.9	61.3	507.7	3128.6	3128.6	507.7	61.3	14.9	7.1	3.4	1.1	0.3			
0		1.3	3.7	7.5	15.5	69.9	558.7	3445.4	3445.4	558.7	69.9	15.5	7.5	3.7	1.3				
-10	0.4	1.4	3.9	7.4	14.5	41.9	250.8	604.3	604.3	250.8	41.9	14.5	7.4	3.9	1.4	0.4			
-20		1.4	3.8	7.1	12.3	21.3	51.8	97.4	97.4	51.8	21.3	12.3	7.1	3.8	1.4				
-30	0.4	1.2	3.5	6.5	10.2	15.1	21.4	25.1	25.1	21.4	15.1	10.2	6.5	3.5	1.2	0.4			
-40		1.1	3.1	5.8	8.9	11.8	14.9	16.5	16.5	14.9	11.8	8.9	5.8	3.1	1.1				
-50	0.4	0.9	2.5	4.9	7.8	10.3	12.6	13.8	13.8	12.6	10.3	7.8	4.9	2.5	0.9	0.4			
-60		0.7	1.8	3.6	6.0	8.2	10.3	11.5	11.5	10.3	8.2	6.0	3.6	1.8	0.7				
-70	0.2	2.7		7.5		13.8		16.7		13.8		7.5		2.7		0.2			
-80		2.7		7.5		13.8		16.7		13.8		7.5		2.7					
-90	0.2	2.7		7.5		13.8		16.7		13.8		7.5		2.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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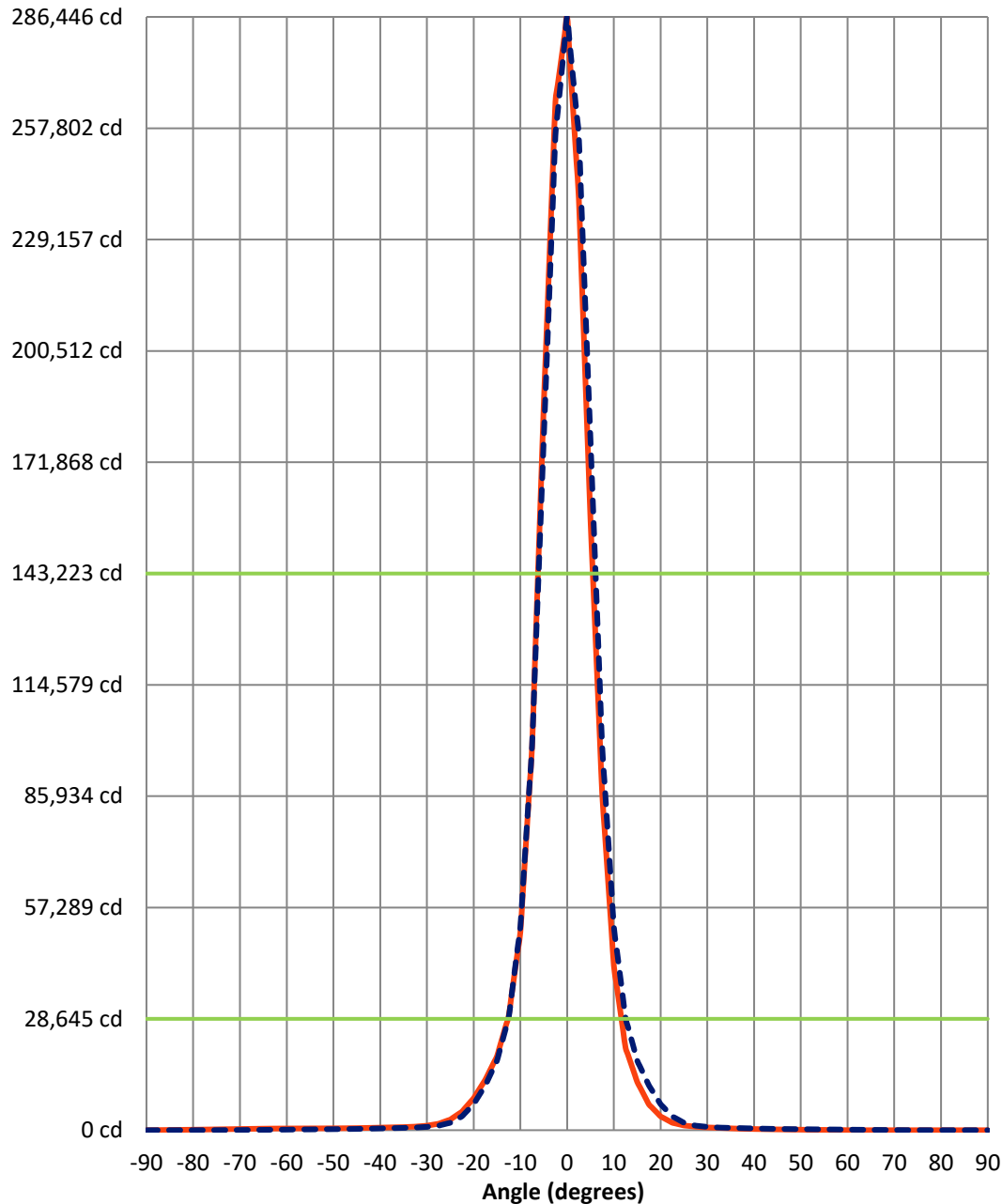
### Luminous Intensity Polar Plot



— 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: 6259.6  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 14242.7  
Efficiency: 71.2%

**Spill:**  
Lumens: 5765.7  
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	3.6	3.6
85°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	7.2	7.2
82.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	7.2	7.2	7.2
80°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	7.2	7.2	7.2
77.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	7.2
75°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
72.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
70°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
67.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	0.0	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
60°	7.2	7.2	7.2	7.2	10.8	10.8	14.3	14.3	14.3	7.2	14.3
57.5°	57.4	57.4	53.8	50.2	46.6	43.0	43.0	43.0	43.0	43.0	35.8
55°	78.9	78.9	78.9	75.3	75.3	71.7	68.1	64.5	64.5	60.9	57.4
52.5°	93.2	93.2	93.2	93.2	89.6	89.6	89.6	86.0	78.9	78.9	75.3
50°	132.6	129.0	129.0	129.0	129.0	121.9	118.3	111.1	107.5	104.0	100.4
47.5°	172.1	172.1	168.5	168.5	164.9	157.7	150.6	143.4	136.2	132.6	125.5
45°	204.3	204.3	200.7	200.7	197.2	190.0	179.2	168.5	161.3	154.1	147.0
42.5°	250.9	247.3	243.8	240.2	233.0	222.2	207.9	193.6	182.8	172.1	164.9
40°	301.1	301.1	297.5	293.9	283.2	272.4	254.5	236.6	218.7	197.2	186.4
37.5°	362.0	365.6	369.2	369.2	362.0	347.7	322.6	301.1	272.4	243.8	229.4
35°	473.2	473.2	480.3	480.3	469.6	451.7	433.7	387.1	351.3	315.4	283.2
32.5°	595.0	598.6	584.3	573.5	559.2	537.7	505.4	466.0	426.6	380.0	344.1
30°	713.3	713.3	695.4	673.9	645.2	609.4	569.9	526.9	480.3	433.7	390.7
27.5°	899.7	881.8	867.5	831.6	781.4	713.3	663.1	595.0	534.1	480.3	433.7
25°	1208.0	1204.4	1172.2	1111.2	1010.8	903.3	820.9	706.2	613.0	530.5	476.7
22.5°	1921.3	1896.2	1821.0	1670.4	1433.8	1247.4	1079.0	899.7	731.3	620.1	534.1
20°	3552.3	3469.9	3269.1	2853.3	2322.8	1957.2	1537.8	1236.7	953.5	745.6	616.5
17.5°	6627.9	6574.1	6498.8	5538.2	4459.2	3684.9	2742.2	1896.2	1355.0	975.0	731.3
15°	12424.1	12026.2	11194.6	10044.0	8534.9	6595.6	4849.9	3061.2	1935.7	1297.6	928.4
12.5°	21238.6	20797.7	18650.5	15772.1	13058.6	10298.5	7230.1	4652.8	2756.5	1648.9	1100.5
10°	42319.4	39118.4	33107.1	24708.4	19285.0	14381.3	10151.5	6348.3	3588.2	2082.6	1304.8
7.5°	86678.4	76218.6	58733.1	41462.7	26837.7	18862.0	12965.4	8301.9	4781.8	2606.0	1491.2
5°	157100.8	138543.5	104375.4	62848.2	38971.4	23640.2	15385.0	9871.9	5660.0	3032.5	1677.6
2.5°	239882.8	215876.9	150899.5	86420.3	48054.7	27339.5	17076.9	10904.3	6219.2	3322.9	1821.0
0°	286446.3	255870.0	177708.5	98941.2	52381.3	28909.5	17904.9	11524.4	6692.4	3559.5	1914.2
-2.5°	264605.5	239990.3	163316.4	91908.3	50054.9	28221.3	18023.2	11678.5	6771.2	3624.0	1957.2
-5°	186494.2	166291.6	113003.5	67823.6	42469.9	25995.3	17005.2	11097.8	6552.6	3530.8	1939.3
-7.5°	98665.2	89524.6	67017.1	48735.8	30999.3	22002.1	15309.7	10069.0	5986.2	3279.9	1831.7
-10°	50976.1	49101.4	42312.2	31895.5	25084.8	18431.8	13065.7	8610.1	5004.1	2824.6	1648.9
-12.5°	29389.9	29070.8	26887.8	23081.0	19234.8	15141.2	10721.4	7022.2	4176.0	2340.7	1390.8
-15°	19030.5	19166.7	18406.7	16822.4	14632.2	11330.8	8237.3	5222.7	3089.9	1896.2	1225.9
-17.5°	12986.9	12951.0	12596.2	11510.0	9746.4	7653.0	5459.3	3688.5	2340.7	1476.8	1018.0
-20°	8215.8	8230.2	7900.4	7151.2	5853.6	4717.3	3398.2	2487.7	1659.7	1161.4	899.7



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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°	4767.5	4778.2	4570.3	4147.3	3466.3	2796.0	2208.1	1645.3	1222.3	967.8	788.6
-25°	2738.6	2695.6	2613.1	2408.8	2089.8	1724.2	1466.1	1157.8	978.6	820.9	720.5
-27.5°	1659.7	1631.0	1588.0	1498.3	1372.9	1190.1	1071.8	935.6	831.6	738.4	677.5
-30°	1157.8	1168.6	1132.7	1086.1	1028.8	946.3	881.8	817.3	749.2	691.8	634.5
-32.5°	921.2	928.4	910.5	892.6	863.9	831.6	792.2	745.6	691.8	638.1	584.3
-35°	792.2	795.8	795.8	792.2	785.0	759.9	731.3	688.2	638.1	587.9	541.3
-37.5°	727.7	731.3	731.3	727.7	716.9	695.4	666.7	630.9	584.3	537.7	501.8
-40°	659.6	663.1	659.6	652.4	641.6	620.1	598.6	569.9	534.1	494.7	462.4
-42.5°	595.0	591.5	587.9	580.7	569.9	555.6	537.7	516.2	491.1	462.4	437.3
-45°	534.1	534.1	530.5	526.9	519.8	509.0	498.3	480.3	462.4	440.9	419.4
-47.5°	501.8	501.8	498.3	494.7	491.1	483.9	473.2	458.8	444.5	426.6	408.6
-50°	480.3	480.3	480.3	476.7	473.2	466.0	455.2	444.5	430.1	412.2	394.3
-52.5°	466.0	466.0	466.0	462.4	458.8	455.2	444.5	430.1	412.2	397.9	383.5
-55°	458.8	455.2	455.2	451.7	448.1	444.5	430.1	415.8	401.5	387.1	372.8
-57.5°	448.1	444.5	444.5	440.9	437.3	433.7	419.4	405.1	390.7	372.8	362.0
-60°	437.3	433.7	433.7	426.6	423.0	419.4	405.1	390.7	376.4	362.0	347.7
-62.5°	423.0	419.4	415.8	412.2	405.1	397.9	387.1	372.8	354.9	340.5	326.2
-65°	390.7	387.1	383.5	380.0	376.4	372.8	362.0	344.1	329.8	315.4	301.1
-67.5°	351.3	351.3	351.3	344.1	340.5	333.4	326.2	311.9	297.5	283.2	272.4
-70°	304.7	304.7	304.7	297.5	293.9	290.3	279.6	268.8	258.1	247.3	233.0
-72.5°	258.1	254.5	254.5	250.9	243.8	240.2	233.0	225.8	215.1	207.9	197.2
-75°	211.5	207.9	207.9	204.3	200.7	197.2	190.0	186.4	179.2	172.1	161.3
-77.5°	168.5	168.5	168.5	164.9	161.3	157.7	154.1	150.6	147.0	139.8	132.6
-80°	129.0	129.0	129.0	129.0	129.0	129.0	129.0	125.5	118.3	114.7	111.1
-82.5°	93.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	93.2	89.6	86.0
-85°	60.9	64.5	64.5	68.1	71.7	71.7	75.3	71.7	68.1	60.9	57.4
-87.5°	32.3	32.3	32.3	32.3	32.3	32.3	32.3	28.7	28.7	28.7	25.1
-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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	10.8	10.8	10.8	14.3	14.3	14.3	14.3
82.5°	7.2	10.8	10.8	10.8	14.3	14.3	17.9	21.5	28.7	32.3	32.3
80°	7.2	10.8	10.8	10.8	14.3	14.3	17.9	17.9	21.5	25.1	32.3
77.5°	7.2	7.2	10.8	10.8	10.8	14.3	14.3	17.9	17.9	21.5	25.1
75°	3.6	7.2	7.2	7.2	10.8	10.8	14.3	14.3	17.9	17.9	21.5
72.5°	3.6	7.2	7.2	7.2	10.8	10.8	14.3	14.3	14.3	17.9	17.9
70°	3.6	7.2	7.2	7.2	7.2	10.8	10.8	10.8	14.3	14.3	14.3
67.5°	3.6	3.6	3.6	7.2	7.2	7.2	7.2	10.8	10.8	10.8	14.3
65°	3.6	3.6	3.6	3.6	7.2	7.2	7.2	7.2	10.8	10.8	10.8
62.5°	3.6	3.6	3.6	7.2	7.2	7.2	7.2	7.2	10.8	10.8	10.8
60°	14.3	14.3	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
57.5°	32.3	32.3	28.7	25.1	21.5	21.5	17.9	14.3	14.3	10.8	10.8
55°	53.8	50.2	46.6	39.4	35.8	32.3	28.7	21.5	17.9	14.3	10.8
52.5°	68.1	64.5	60.9	57.4	50.2	43.0	39.4	35.8	28.7	21.5	17.9
50°	100.4	89.6	82.4	75.3	68.1	60.9	53.8	50.2	39.4	32.3	25.1
47.5°	121.9	114.7	104.0	96.8	89.6	78.9	68.1	60.9	53.8	43.0	32.3
45°	139.8	132.6	121.9	114.7	107.5	96.8	86.0	75.3	68.1	57.4	43.0
42.5°	157.7	150.6	139.8	132.6	121.9	111.1	100.4	89.6	78.9	71.7	57.4
40°	182.8	172.1	157.7	150.6	143.4	129.0	114.7	104.0	93.2	82.4	68.1
37.5°	215.1	204.3	186.4	172.1	161.3	150.6	136.2	121.9	111.1	96.8	82.4
35°	265.3	247.3	222.2	200.7	186.4	172.1	154.1	139.8	125.5	111.1	96.8
32.5°	315.4	286.8	254.5	229.4	207.9	190.0	172.1	157.7	139.8	121.9	107.5
30°	354.9	322.6	290.3	254.5	229.4	207.9	190.0	172.1	154.1	136.2	118.3
27.5°	394.3	358.5	322.6	286.8	250.9	222.2	204.3	186.4	168.5	150.6	129.0
25°	433.7	394.3	358.5	319.0	276.0	243.8	218.7	204.3	186.4	164.9	139.8
22.5°	469.6	433.7	397.9	354.9	304.7	261.7	236.6	218.7	200.7	175.6	154.1
20°	537.7	491.1	448.1	394.3	336.9	293.9	261.7	236.6	215.1	190.0	164.9
17.5°	627.3	559.2	501.8	440.9	383.5	329.8	283.2	254.5	233.0	204.3	175.6
15°	742.0	623.7	552.0	491.1	423.0	362.0	311.9	272.4	243.8	215.1	190.0
12.5°	828.0	673.9	595.0	537.7	466.0	397.9	333.4	286.8	254.5	225.8	197.2
10°	924.8	727.7	630.9	566.4	491.1	415.8	347.7	297.5	261.7	236.6	207.9
7.5°	1003.7	770.7	648.8	577.1	505.4	430.1	362.0	308.3	272.4	243.8	215.1
5°	1075.4	806.5	663.1	580.7	512.6	440.9	369.2	315.4	279.6	250.9	222.2
2.5°	1125.6	838.8	677.5	587.9	519.8	448.1	380.0	322.6	286.8	258.1	229.4
0°	1168.6	849.5	673.9	587.9	523.3	448.1	383.5	326.2	290.3	261.7	233.0
-2.5°	1182.9	867.5	691.8	595.0	530.5	455.2	390.7	329.8	293.9	265.3	240.2
-5°	1182.9	853.1	691.8	602.2	534.1	458.8	390.7	333.4	297.5	268.8	240.2
-7.5°	1139.9	831.6	688.2	609.4	537.7	462.4	390.7	336.9	301.1	272.4	243.8
-10°	1064.6	799.4	684.7	613.0	537.7	458.8	390.7	336.9	301.1	272.4	247.3
-12.5°	942.7	756.3	666.7	605.8	530.5	451.7	387.1	336.9	301.1	276.0	247.3
-15°	881.8	720.5	645.2	584.3	512.6	440.9	380.0	333.4	301.1	276.0	250.9
-17.5°	799.4	691.8	623.7	562.8	498.3	430.1	372.8	333.4	301.1	272.4	250.9
-20°	742.0	659.6	598.6	544.9	480.3	419.4	369.2	329.8	301.1	272.4	250.9



REPORT NUMBER: P724251  
 CATALOG NUMBER: IFLD-S-SA3E-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°	691.8	623.7	569.9	516.2	458.8	405.1	362.0	326.2	297.5	272.4	250.9
-25°	652.4	591.5	541.3	491.1	440.9	394.3	354.9	322.6	293.9	272.4	247.3
-27.5°	616.5	559.2	512.6	466.0	419.4	383.5	347.7	319.0	293.9	268.8	243.8
-30°	577.1	530.5	483.9	440.9	408.6	372.8	340.5	311.9	290.3	265.3	240.2
-32.5°	537.7	494.7	455.2	423.0	394.3	365.6	336.9	308.3	283.2	258.1	233.0
-35°	501.8	462.4	433.7	405.1	383.5	358.5	329.8	301.1	279.6	254.5	233.0
-37.5°	466.0	437.3	412.2	390.7	369.2	347.7	319.0	293.9	272.4	247.3	222.2
-40°	437.3	415.8	397.9	380.0	358.5	333.4	311.9	286.8	265.3	240.2	211.5
-42.5°	419.4	401.5	383.5	365.6	347.7	326.2	304.7	279.6	258.1	233.0	204.3
-45°	401.5	387.1	372.8	358.5	340.5	319.0	293.9	268.8	247.3	222.2	200.7
-47.5°	390.7	376.4	362.0	351.3	336.9	308.3	286.8	261.7	236.6	215.1	190.0
-50°	380.0	365.6	354.9	340.5	322.6	297.5	276.0	250.9	229.4	204.3	182.8
-52.5°	369.2	354.9	340.5	326.2	308.3	286.8	265.3	243.8	218.7	193.6	172.1
-55°	358.5	344.1	329.8	315.4	297.5	279.6	258.1	229.4	204.3	179.2	157.7
-57.5°	347.7	336.9	319.0	301.1	283.2	265.3	240.2	215.1	190.0	164.9	147.0
-60°	333.4	319.0	304.7	283.2	265.3	243.8	222.2	200.7	175.6	154.1	136.2
-62.5°	311.9	297.5	283.2	261.7	243.8	225.8	207.9	182.8	164.9	143.4	125.5
-65°	286.8	272.4	258.1	240.2	222.2	204.3	190.0	168.5	150.6	132.6	118.3
-67.5°	258.1	243.8	233.0	215.1	200.7	182.8	168.5	150.6	132.6	118.3	104.0
-70°	222.2	211.5	200.7	186.4	172.1	157.7	143.4	129.0	114.7	104.0	89.6
-72.5°	190.0	179.2	168.5	157.7	147.0	132.6	121.9	111.1	100.4	89.6	82.4
-75°	154.1	147.0	139.8	132.6	121.9	111.1	104.0	93.2	86.0	78.9	75.3
-77.5°	129.0	121.9	114.7	107.5	100.4	93.2	86.0	78.9	75.3	71.7	68.1
-80°	104.0	100.4	96.8	89.6	86.0	78.9	75.3	68.1	68.1	68.1	68.1
-82.5°	82.4	78.9	75.3	71.7	68.1	64.5	64.5	60.9	64.5	64.5	60.9
-85°	57.4	53.8	50.2	50.2	46.6	46.6	43.0	43.0	43.0	39.4	39.4
-87.5°	25.1	25.1	25.1	25.1	21.5	21.5	21.5	21.5	21.5	17.9	17.9
-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: P724251  
 CATALOG NUMBER: IFLD-S-SA3E-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°	7.2	7.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	0.0	0.0
85°	14.3	14.3	10.8	10.8	10.8	7.2	7.2	3.6	3.6	3.6	3.6
82.5°	32.3	28.7	25.1	21.5	17.9	14.3	10.8	7.2	7.2	3.6	3.6
80°	39.4	39.4	39.4	35.8	28.7	21.5	14.3	10.8	7.2	3.6	3.6
77.5°	28.7	28.7	32.3	35.8	35.8	28.7	17.9	10.8	7.2	7.2	3.6
75°	21.5	21.5	21.5	25.1	28.7	28.7	21.5	14.3	7.2	7.2	3.6
72.5°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	14.3	10.8	7.2	7.2
70°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	14.3	10.8	7.2	7.2
67.5°	14.3	14.3	17.9	17.9	17.9	14.3	14.3	14.3	10.8	7.2	7.2
65°	10.8	14.3	14.3	17.9	14.3	14.3	14.3	10.8	10.8	7.2	7.2
62.5°	10.8	10.8	14.3	14.3	14.3	14.3	10.8	10.8	10.8	7.2	7.2
60°	10.8	10.8	10.8	14.3	10.8	10.8	10.8	10.8	10.8	7.2	7.2
57.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	7.2	7.2	7.2	7.2
55°	10.8	10.8	10.8	10.8	10.8	10.8	7.2	7.2	7.2	7.2	7.2
52.5°	14.3	10.8	10.8	10.8	10.8	10.8	7.2	7.2	7.2	7.2	7.2
50°	17.9	10.8	10.8	10.8	10.8	7.2	7.2	7.2	7.2	7.2	7.2
47.5°	25.1	17.9	14.3	10.8	10.8	7.2	7.2	7.2	7.2	7.2	3.6
45°	35.8	25.1	17.9	14.3	10.8	7.2	7.2	7.2	7.2	7.2	3.6
42.5°	43.0	32.3	21.5	17.9	14.3	10.8	7.2	7.2	7.2	3.6	3.6
40°	53.8	43.0	28.7	21.5	14.3	10.8	7.2	7.2	7.2	3.6	3.6
37.5°	68.1	53.8	35.8	25.1	17.9	10.8	10.8	7.2	7.2	3.6	3.6
35°	78.9	60.9	46.6	28.7	21.5	14.3	10.8	7.2	7.2	3.6	3.6
32.5°	89.6	71.7	57.4	35.8	25.1	17.9	14.3	7.2	7.2	3.6	3.6
30°	100.4	82.4	64.5	46.6	32.3	21.5	14.3	7.2	7.2	3.6	3.6
27.5°	111.1	89.6	71.7	53.8	35.8	25.1	17.9	10.8	7.2	3.6	3.6
25°	121.9	100.4	78.9	60.9	39.4	28.7	17.9	10.8	7.2	7.2	3.6
22.5°	129.0	111.1	89.6	68.1	46.6	32.3	21.5	14.3	7.2	7.2	3.6
20°	139.8	121.9	96.8	75.3	53.8	35.8	21.5	14.3	7.2	7.2	3.6
17.5°	150.6	129.0	104.0	82.4	60.9	39.4	25.1	17.9	7.2	7.2	3.6
15°	161.3	136.2	111.1	86.0	64.5	43.0	25.1	17.9	7.2	7.2	3.6
12.5°	172.1	147.0	118.3	93.2	68.1	46.6	28.7	21.5	10.8	7.2	3.6
10°	179.2	154.1	125.5	96.8	71.7	53.8	32.3	21.5	10.8	7.2	3.6
7.5°	190.0	161.3	132.6	104.0	75.3	57.4	35.8	21.5	10.8	7.2	3.6
5°	193.6	168.5	136.2	111.1	78.9	60.9	39.4	25.1	10.8	7.2	3.6
2.5°	197.2	175.6	139.8	114.7	82.4	60.9	39.4	25.1	14.3	7.2	3.6
0°	200.7	179.2	143.4	118.3	86.0	64.5	43.0	25.1	14.3	7.2	3.6
-2.5°	204.3	182.8	150.6	121.9	89.6	68.1	46.6	25.1	14.3	7.2	3.6
-5°	207.9	182.8	157.7	125.5	93.2	68.1	46.6	28.7	17.9	7.2	3.6
-7.5°	211.5	186.4	161.3	129.0	96.8	68.1	50.2	28.7	17.9	10.8	3.6
-10°	215.1	190.0	164.9	132.6	96.8	71.7	50.2	28.7	17.9	10.8	3.6
-12.5°	218.7	193.6	164.9	132.6	100.4	71.7	50.2	32.3	17.9	10.8	3.6
-15°	222.2	193.6	164.9	132.6	100.4	75.3	53.8	32.3	17.9	10.8	7.2
-17.5°	222.2	193.6	164.9	136.2	100.4	75.3	53.8	32.3	17.9	10.8	7.2
-20°	222.2	193.6	164.9	136.2	100.4	75.3	53.8	32.3	17.9	10.8	7.2



REPORT NUMBER: P724251  
 CATALOG NUMBER: IFLD-S-SA3E-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°	218.7	190.0	164.9	132.6	100.4	75.3	53.8	32.3	21.5	10.8	7.2
-25°	218.7	190.0	164.9	132.6	100.4	75.3	50.2	32.3	21.5	10.8	7.2
-27.5°	215.1	190.0	161.3	129.0	96.8	71.7	50.2	32.3	21.5	10.8	7.2
-30°	211.5	186.4	157.7	125.5	96.8	71.7	50.2	32.3	21.5	10.8	7.2
-32.5°	207.9	179.2	154.1	121.9	93.2	68.1	50.2	32.3	21.5	10.8	7.2
-35°	200.7	175.6	147.0	118.3	89.6	68.1	46.6	32.3	21.5	14.3	7.2
-37.5°	193.6	168.5	143.4	114.7	86.0	64.5	46.6	32.3	21.5	14.3	7.2
-40°	186.4	164.9	136.2	107.5	82.4	60.9	46.6	32.3	21.5	14.3	10.8
-42.5°	179.2	157.7	132.6	104.0	82.4	60.9	43.0	32.3	21.5	14.3	10.8
-45°	175.6	154.1	125.5	100.4	78.9	60.9	43.0	28.7	21.5	14.3	10.8
-47.5°	168.5	143.4	118.3	96.8	75.3	57.4	39.4	28.7	21.5	14.3	10.8
-50°	157.7	136.2	114.7	93.2	71.7	53.8	39.4	28.7	21.5	14.3	10.8
-52.5°	147.0	125.5	107.5	86.0	68.1	53.8	39.4	28.7	21.5	14.3	10.8
-55°	136.2	118.3	100.4	82.4	64.5	50.2	35.8	28.7	21.5	14.3	10.8
-57.5°	129.0	111.1	93.2	75.3	60.9	46.6	35.8	25.1	17.9	14.3	10.8
-60°	121.9	104.0	86.0	71.7	57.4	46.6	35.8	25.1	17.9	14.3	7.2
-62.5°	111.1	96.8	78.9	68.1	53.8	43.0	32.3	25.1	17.9	14.3	7.2
-65°	100.4	86.0	71.7	60.9	50.2	39.4	32.3	25.1	17.9	14.3	7.2
-67.5°	89.6	78.9	68.1	57.4	46.6	39.4	32.3	25.1	17.9	10.8	7.2
-70°	82.4	71.7	60.9	53.8	46.6	35.8	32.3	25.1	17.9	10.8	7.2
-72.5°	71.7	64.5	57.4	50.2	43.0	39.4	32.3	25.1	14.3	10.8	7.2
-75°	68.1	60.9	53.8	50.2	46.6	39.4	32.3	21.5	14.3	10.8	7.2
-77.5°	68.1	60.9	57.4	53.8	46.6	39.4	28.7	17.9	10.8	10.8	7.2
-80°	68.1	64.5	60.9	50.2	43.0	32.3	21.5	17.9	10.8	7.2	3.6
-82.5°	60.9	50.2	43.0	35.8	32.3	25.1	17.9	14.3	7.2	7.2	3.6
-85°	39.4	32.3	28.7	25.1	21.5	17.9	10.8	7.2	7.2	3.6	3.6
-87.5°	17.9	17.9	14.3	10.8	10.8	7.2	7.2	3.6	3.6	3.6	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: P724251  
 CATALOG NUMBER: IFLD-S-SA3E-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°	3.6	0.0	0.0	0.0
77.5°	3.6	0.0	0.0	0.0
75°	3.6	3.6	0.0	0.0
72.5°	3.6	3.6	0.0	0.0
70°	3.6	3.6	0.0	0.0
67.5°	3.6	3.6	0.0	0.0
65°	3.6	3.6	0.0	0.0
62.5°	3.6	3.6	0.0	0.0
60°	3.6	3.6	0.0	0.0
57.5°	3.6	3.6	3.6	0.0
55°	3.6	3.6	3.6	0.0
52.5°	3.6	3.6	3.6	0.0
50°	3.6	3.6	3.6	0.0
47.5°	3.6	3.6	3.6	0.0
45°	3.6	3.6	3.6	0.0
42.5°	3.6	3.6	3.6	0.0
40°	3.6	3.6	3.6	0.0
37.5°	3.6	3.6	3.6	0.0
35°	3.6	3.6	3.6	0.0
32.5°	3.6	3.6	3.6	0.0
30°	3.6	3.6	3.6	0.0
27.5°	3.6	3.6	3.6	0.0
25°	3.6	3.6	3.6	0.0
22.5°	3.6	3.6	3.6	0.0
20°	3.6	3.6	3.6	0.0
17.5°	3.6	3.6	3.6	0.0
15°	3.6	3.6	3.6	0.0
12.5°	3.6	3.6	3.6	0.0
10°	3.6	3.6	3.6	0.0
7.5°	3.6	3.6	3.6	0.0
5°	3.6	3.6	3.6	0.0
2.5°	3.6	3.6	3.6	0.0
0°	3.6	3.6	3.6	0.0
-2.5°	3.6	3.6	3.6	0.0
-5°	3.6	3.6	3.6	0.0
-7.5°	3.6	3.6	3.6	0.0
-10°	3.6	3.6	3.6	0.0
-12.5°	3.6	3.6	3.6	0.0
-15°	3.6	3.6	3.6	0.0
-17.5°	3.6	3.6	3.6	0.0
-20°	3.6	3.6	3.6	0.0



REPORT NUMBER: P724251

CATALOG NUMBER: IFLD-S-SA3E-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.6	3.6	3.6	0.0
-25°	3.6	3.6	3.6	0.0
-27.5°	3.6	3.6	3.6	0.0
-30°	3.6	3.6	3.6	0.0
-32.5°	3.6	3.6	3.6	0.0
-35°	3.6	3.6	3.6	0.0
-37.5°	3.6	3.6	3.6	0.0
-40°	3.6	3.6	3.6	0.0
-42.5°	3.6	3.6	3.6	0.0
-45°	3.6	3.6	3.6	0.0
-47.5°	3.6	3.6	3.6	0.0
-50°	3.6	3.6	3.6	0.0
-52.5°	3.6	3.6	3.6	0.0
-55°	3.6	3.6	3.6	0.0
-57.5°	3.6	3.6	3.6	0.0
-60°	3.6	3.6	0.0	0.0
-62.5°	3.6	3.6	0.0	0.0
-65°	3.6	3.6	0.0	0.0
-67.5°	3.6	3.6	0.0	0.0
-70°	3.6	3.6	0.0	0.0
-72.5°	3.6	3.6	0.0	0.0
-75°	3.6	3.6	0.0	0.0
-77.5°	3.6	0.0	0.0	0.0
-80°	3.6	0.0	0.0	0.0
-82.5°	3.6	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)