

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2D-935-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

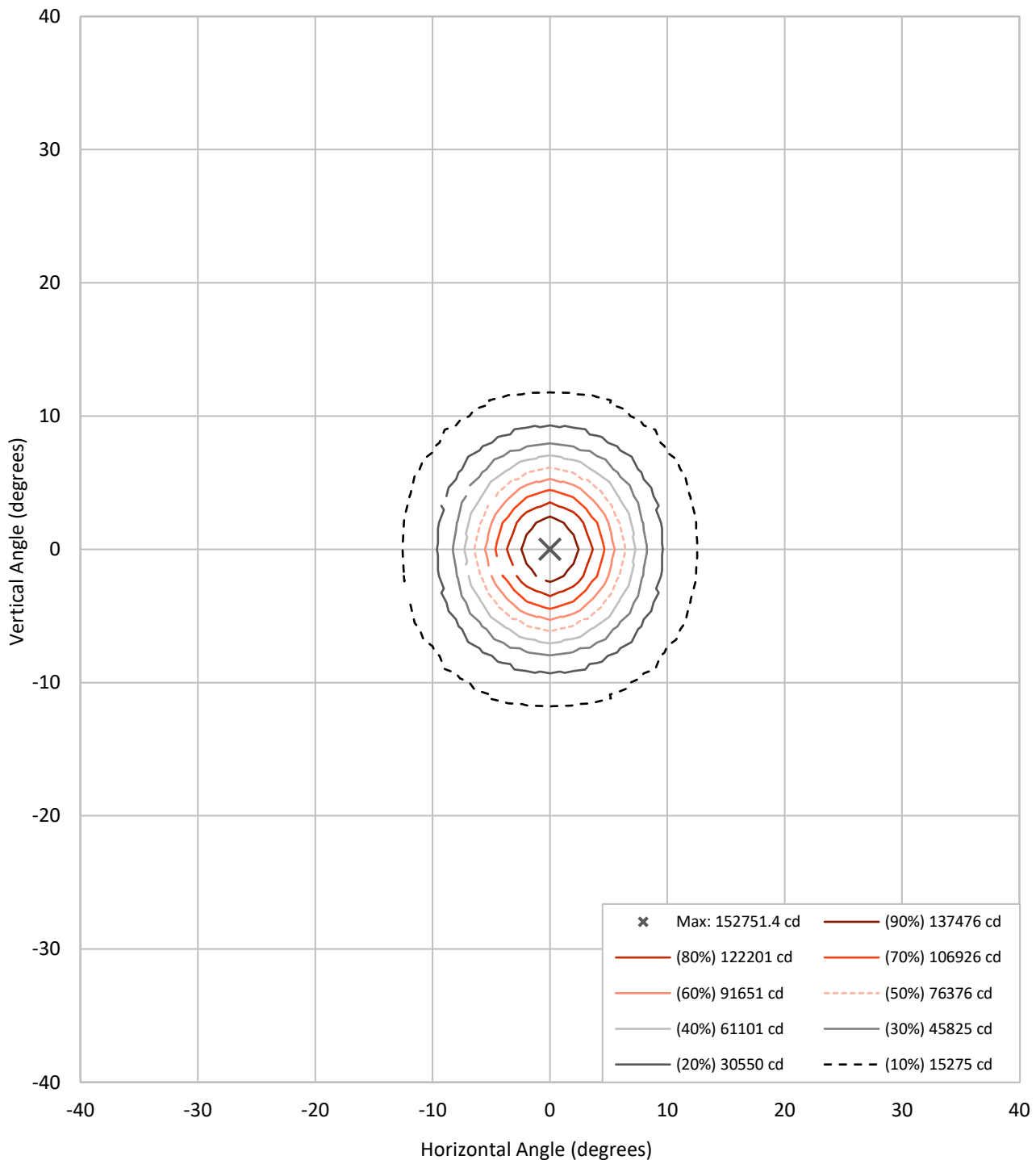
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11072.4 lumens	Max Intensity:	152751.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3498.7 lumens	Field Lumens:	7750.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 110
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



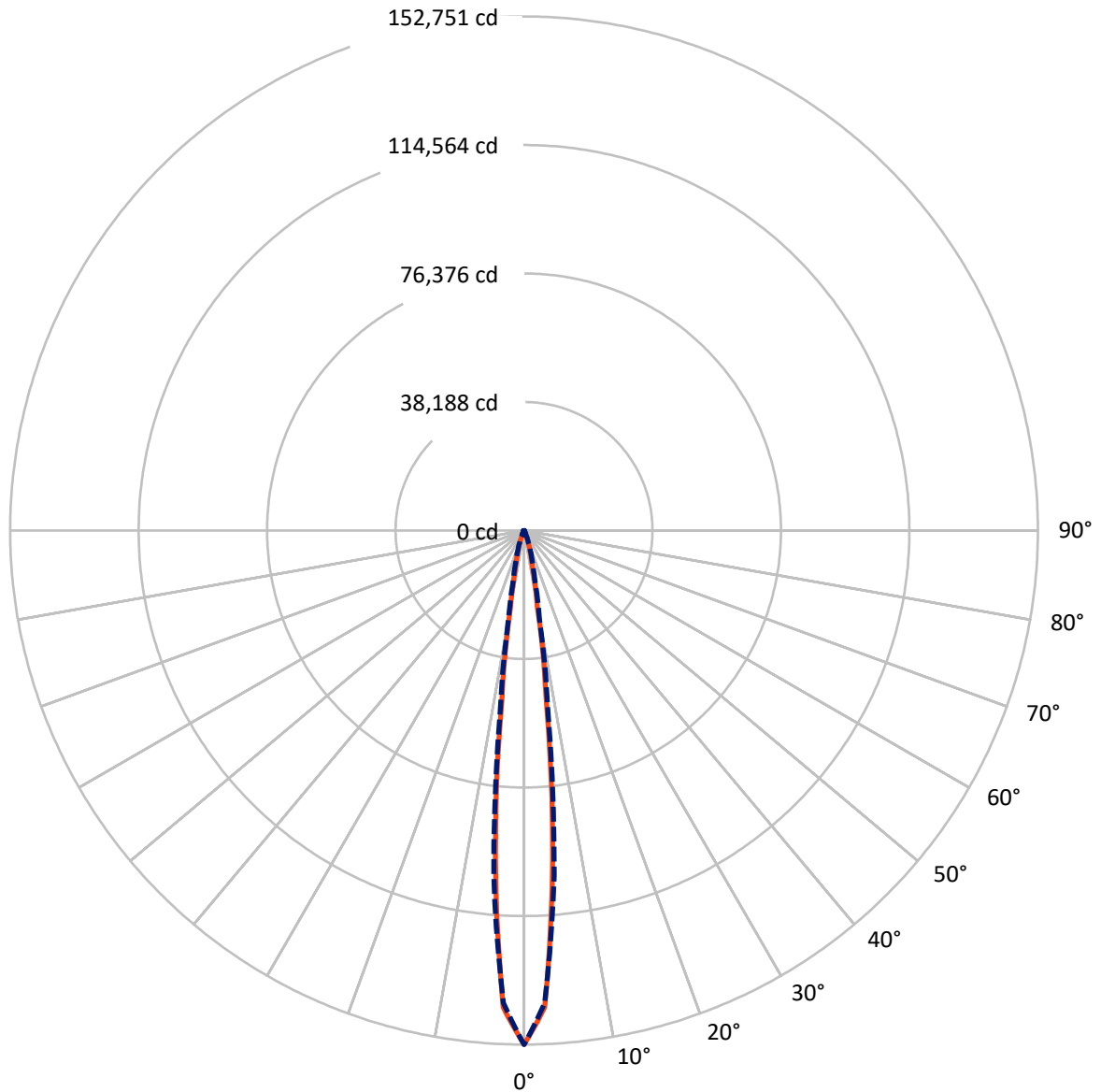
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Lumen Table

90	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
80	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
70	0.6	0.7	1.4	2.4	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.4	1.4	0.7	0.6			
60		1.1	2.1	3.2	4.2	5.0	5.4	5.6	5.6	5.4	5.0	4.2	3.2	2.1	1.1				
50	1.1	1.4	2.6	3.8	4.7	5.5	6.2	6.5	6.5	6.2	5.5	4.7	3.8	2.6	1.4	1.1			
40		1.7	2.9	4.1	5.2	6.7	8.5	9.5	9.5	8.5	6.7	5.2	4.1	2.9	1.7				
30	1.4	1.8	3.1	4.3	6.2	9.6	21.2	38.6	38.6	21.2	9.6	6.2	4.3	3.1	1.8	1.4			
20		1.9	3.2	4.6	7.3	20.6	116.1	255.4	255.4	116.1	20.6	7.3	4.6	3.2	1.9				
10	1.6	2.0	3.2	4.7	8.1	39.5	278.7	1803.0	1803.0	278.7	39.5	8.1	4.7	3.2	2.0	1.6			
0		2.0	3.2	4.7	8.1	39.5	278.7	1803.0	1803.0	278.7	39.5	8.1	4.7	3.2	2.0				
-10	1.4	1.9	3.2	4.6	7.3	20.6	116.1	255.4	255.4	116.1	20.6	7.3	4.6	3.2	1.9	1.4			
-20		1.8	3.1	4.3	6.2	9.6	21.2	38.6	38.6	21.2	9.6	6.2	4.3	3.1	1.8				
-30	1.1	1.7	2.9	4.1	5.2	6.7	8.5	9.5	9.5	8.5	6.7	5.2	4.1	2.9	1.7	1.1			
-40		1.4	2.6	3.8	4.7	5.5	6.2	6.5	6.5	6.2	5.5	4.7	3.8	2.6	1.4				
-50	0.6	1.1	2.1	3.2	4.2	5.0	5.4	5.6	5.6	5.4	5.0	4.2	3.2	2.1	1.1	0.6			
-60		0.7	1.4	2.4	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.4	1.4	0.7				
-70	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
-80		1.3		3.5		5.7		6.6		5.7		3.5		1.3					
-90	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		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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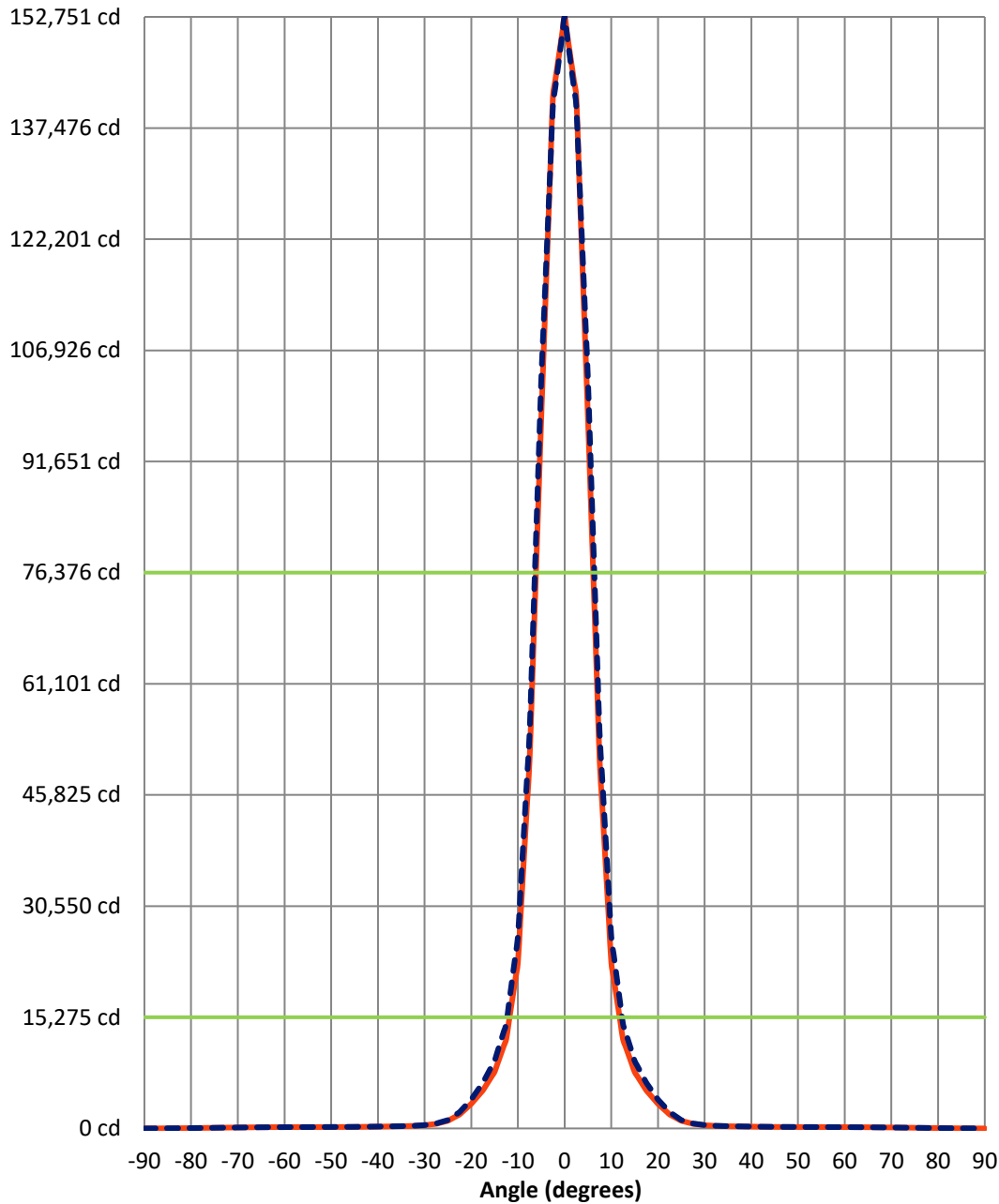
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 3498.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 7750.9
Efficiency: 70.0%

Spill:
Lumens: 3321.6
Efficiency: 30.0%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
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	0.4	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.0
85°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.1
82.5°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.5	8.8	10.2
80°	0.0	1.4	2.8	4.1	5.3	6.4	7.5	9.3	11.1	13.0	14.9
77.5°	0.0	1.8	3.5	5.2	6.7	8.2	10.2	12.4	14.7	17.1	19.7
75°	0.0	2.1	4.2	6.2	8.0	10.4	12.8	15.4	18.3	21.6	24.8
72.5°	0.0	2.5	4.9	7.2	9.8	12.6	15.4	18.7	22.6	26.3	29.8
70°	0.0	2.8	5.6	8.2	11.5	14.7	18.0	22.4	26.8	30.9	36.7
67.5°	0.0	3.1	6.3	9.5	13.2	16.8	21.2	26.1	30.9	37.3	44.0
65°	0.0	3.5	6.9	10.7	14.8	19.1	24.4	29.7	36.4	43.6	51.2
62.5°	0.0	3.8	7.6	12.0	16.5	21.7	27.5	34.0	41.7	49.8	58.6
60°	0.0	4.1	8.2	13.2	18.1	24.2	30.5	38.4	46.8	56.3	65.9
57.5°	0.0	4.4	9.0	14.3	19.9	26.6	34.1	42.7	52.3	62.7	73.3
55°	0.0	4.7	9.7	15.5	21.8	28.9	37.6	46.9	57.9	69.1	80.6
52.5°	0.0	5.0	10.4	16.6	23.6	31.3	41.1	51.6	63.3	75.5	87.8
50°	0.0	5.3	11.1	17.7	25.3	34.1	44.5	56.2	68.6	81.7	94.8
47.5°	0.0	5.5	11.8	18.7	27.0	36.8	47.8	60.6	73.9	87.7	101.7
45°	0.0	5.8	12.5	19.9	28.6	39.4	51.5	64.8	79.1	93.7	108.4
42.5°	0.0	6.0	13.1	21.1	30.1	41.9	54.9	69.0	84.0	99.5	114.1
40°	0.0	6.3	13.7	22.1	31.8	44.3	58.2	73.2	88.8	105.1	119.5
37.5°	0.0	6.5	14.2	23.1	33.6	46.6	61.3	77.1	93.5	110.1	124.6
35°	0.0	6.7	14.8	24.0	35.3	48.9	64.2	80.8	97.9	114.4	129.2
32.5°	0.0	6.9	15.3	24.9	36.9	51.2	67.0	84.3	102.0	118.3	133.1
30°	0.0	7.1	15.7	25.7	38.4	53.3	69.8	87.6	105.7	122.1	136.8
27.5°	0.0	7.3	16.2	26.4	39.7	55.2	72.4	90.6	109.0	125.5	140.2
25°	0.0	7.4	16.6	27.1	41.0	57.0	74.7	93.4	111.8	128.4	143.3
22.5°	0.0	7.6	16.9	27.7	42.2	58.7	76.9	95.9	114.4	130.9	145.6
20°	0.0	7.7	17.3	28.2	43.2	60.1	78.8	98.2	116.6	133.2	147.8
17.5°	0.0	7.8	17.5	28.6	44.1	61.5	80.6	100.1	118.6	135.2	149.7
15°	0.0	7.9	17.8	29.0	45.0	62.6	82.1	101.8	120.3	136.8	151.3
12.5°	0.0	8.0	18.0	29.3	45.7	63.6	83.4	103.2	121.7	138.2	152.8
10°	0.0	8.1	18.2	29.5	46.2	64.4	84.5	104.3	122.8	139.4	153.9
7.5°	0.0	8.1	18.3	29.7	46.7	65.0	85.3	105.1	123.7	140.2	154.7
5°	0.0	8.2	18.4	29.8	47.0	65.4	85.9	105.7	124.2	140.7	155.2
2.5°	0.0	8.2	18.5	29.8	47.2	65.7	86.3	105.9	124.5	141.0	155.4
0°	0.0	8.2	18.5	29.8	47.2	65.7	86.3	105.9	124.5	141.0	155.4
-2.5°	0.0	8.2	18.5	29.8	47.2	65.7	86.3	105.9	124.5	141.0	155.4
-5°	0.0	8.2	18.4	29.8	47.0	65.4	85.9	105.7	124.2	140.7	155.2
-7.5°	0.0	8.1	18.3	29.7	46.7	65.0	85.3	105.1	123.7	140.2	154.7
-10°	0.0	8.1	18.2	29.5	46.2	64.4	84.5	104.3	122.8	139.4	153.9
-12.5°	0.0	8.0	18.0	29.3	45.7	63.6	83.4	103.2	121.7	138.2	152.8
-15°	0.0	7.9	17.8	29.0	45.0	62.6	82.1	101.8	120.3	136.8	151.3
-17.5°	0.0	7.8	17.5	28.6	44.1	61.5	80.6	100.1	118.6	135.2	149.7
-20°	0.0	7.7	17.3	28.2	43.2	60.1	78.8	98.2	116.6	133.2	147.8



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.6	16.9	27.7	42.2	58.7	76.9	95.9	114.4	130.9	145.6
-25°	0.0	7.4	16.6	27.1	41.0	57.0	74.7	93.4	111.8	128.4	143.3
-27.5°	0.0	7.3	16.2	26.4	39.7	55.2	72.4	90.6	109.0	125.5	140.2
-30°	0.0	7.1	15.7	25.7	38.4	53.3	69.8	87.6	105.7	122.1	136.8
-32.5°	0.0	6.9	15.3	24.9	36.9	51.2	67.0	84.3	102.0	118.3	133.1
-35°	0.0	6.7	14.8	24.0	35.3	48.9	64.2	80.8	97.9	114.4	129.2
-37.5°	0.0	6.5	14.2	23.1	33.6	46.6	61.3	77.1	93.5	110.1	124.6
-40°	0.0	6.3	13.7	22.1	31.8	44.3	58.2	73.2	88.8	105.1	119.5
-42.5°	0.0	6.0	13.1	21.1	30.1	41.9	54.9	69.0	84.0	99.5	114.1
-45°	0.0	5.8	12.5	19.9	28.6	39.4	51.5	64.8	79.1	93.7	108.4
-47.5°	0.0	5.5	11.8	18.7	27.0	36.8	47.8	60.6	73.9	87.7	101.7
-50°	0.0	5.3	11.1	17.7	25.3	34.1	44.5	56.2	68.6	81.7	94.8
-52.5°	0.0	5.0	10.4	16.6	23.6	31.3	41.1	51.6	63.3	75.5	87.8
-55°	0.0	4.7	9.7	15.5	21.8	28.9	37.6	46.9	57.9	69.1	80.6
-57.5°	0.0	4.4	9.0	14.3	19.9	26.6	34.1	42.7	52.3	62.7	73.3
-60°	0.0	4.1	8.2	13.2	18.1	24.2	30.5	38.4	46.8	56.3	65.9
-62.5°	0.0	3.8	7.6	12.0	16.5	21.7	27.5	34.0	41.7	49.8	58.6
-65°	0.0	3.5	6.9	10.7	14.8	19.1	24.4	29.7	36.4	43.6	51.2
-67.5°	0.0	3.1	6.3	9.5	13.2	16.8	21.2	26.1	30.9	37.3	44.0
-70°	0.0	2.8	5.6	8.2	11.5	14.7	18.0	22.4	26.8	30.9	36.7
-72.5°	0.0	2.5	4.9	7.2	9.8	12.6	15.4	18.7	22.6	26.3	29.8
-75°	0.0	2.1	4.2	6.2	8.0	10.4	12.8	15.4	18.3	21.6	24.8
-77.5°	0.0	1.8	3.5	5.2	6.7	8.2	10.2	12.4	14.7	17.1	19.7
-80°	0.0	1.4	2.8	4.1	5.3	6.4	7.5	9.3	11.1	13.0	14.9
-82.5°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.5	8.8	10.2
-85°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.1
-87.5°	0.0	0.4	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.0
-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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.7
85°	6.6	7.2	7.9	8.6	9.2	9.7	10.2	10.6	11.2	11.8	12.5
82.5°	11.3	12.3	13.2	13.9	14.6	15.3	16.1	17.2	18.8	20.3	21.7
80°	16.3	17.5	19.1	21.0	22.9	24.7	26.4	28.1	29.9	31.9	34.0
77.5°	21.9	24.2	26.8	29.6	32.2	35.3	38.4	41.5	44.4	46.9	49.2
75°	27.7	30.9	35.2	39.5	43.5	47.5	51.6	55.6	59.1	62.3	65.6
72.5°	34.5	39.7	44.8	49.8	55.0	60.0	64.8	69.2	73.7	78.0	82.2
70°	42.7	48.6	54.7	61.0	67.0	72.6	78.1	83.6	89.1	94.0	98.5
67.5°	50.9	57.9	64.9	72.0	78.6	85.0	91.4	97.8	103.9	109.1	113.8
65°	59.2	67.1	75.0	82.6	89.8	97.2	104.5	111.6	117.4	122.2	126.8
62.5°	67.4	76.3	84.8	93.1	101.3	109.5	116.5	122.9	128.9	134.0	139.0
60°	75.7	85.4	94.7	103.8	112.5	119.9	127.1	133.5	139.5	145.2	149.4
57.5°	84.0	94.4	104.4	113.8	122.1	129.8	136.7	143.5	148.6	153.2	157.8
55°	92.1	103.2	113.6	122.8	131.2	138.6	145.6	151.2	156.4	160.7	165.2
52.5°	100.0	111.6	121.9	131.2	139.4	146.7	152.8	158.3	163.2	167.6	171.3
50°	107.7	119.1	129.8	138.6	146.7	153.5	159.3	164.7	169.3	173.4	176.7
47.5°	114.6	126.4	136.5	145.6	153.2	159.7	165.3	170.4	175.0	178.5	181.9
45°	121.0	132.7	142.9	151.5	159.0	165.1	170.5	175.8	179.6	183.2	185.8
42.5°	127.2	138.5	148.5	157.3	163.9	169.9	175.4	179.9	183.9	187.0	189.8
40°	132.5	144.1	153.6	161.7	168.5	174.1	179.2	183.7	187.7	190.7	193.7
37.5°	137.4	148.6	158.3	165.8	172.1	177.7	182.7	187.0	190.9	194.1	198.2
35°	142.2	152.9	161.9	169.3	175.4	180.9	185.7	190.1	193.9	198.4	203.0
32.5°	146.2	157.0	165.3	172.0	178.1	183.7	188.5	193.0	197.4	202.4	208.2
30°	149.6	160.0	168.3	174.6	180.6	185.9	191.1	195.9	200.8	206.7	214.2
27.5°	152.7	162.8	170.4	176.8	182.9	187.9	193.3	198.7	204.4	211.3	220.8
25°	155.6	165.3	172.3	178.8	184.5	189.7	195.2	200.8	207.9	217.0	229.4
22.5°	158.0	167.6	174.0	180.6	185.8	191.3	197.0	203.2	211.2	222.3	238.6
20°	159.9	169.0	175.4	181.9	186.9	192.7	198.5	205.3	214.8	229.3	248.2
17.5°	161.6	170.2	176.6	182.7	188.0	193.9	199.9	207.0	217.8	235.9	257.0
15°	163.1	171.2	177.6	183.4	188.9	194.8	201.2	209.2	221.8	242.3	264.9
12.5°	164.5	172.0	178.3	183.9	189.6	195.5	202.2	211.1	226.1	248.2	272.8
10°	165.6	172.6	178.9	184.3	190.2	195.8	203.0	212.3	229.2	251.5	277.5
7.5°	166.2	173.1	179.2	184.4	190.5	195.9	203.5	213.0	231.0	253.3	280.0
5°	166.6	173.5	179.7	184.8	190.9	196.2	204.0	213.1	231.8	253.6	281.0
2.5°	166.7	173.7	179.9	185.0	191.2	196.9	205.0	214.2	232.5	254.9	281.7
0°	166.6	173.8	180.0	185.1	191.3	197.4	205.7	214.9	232.4	256.1	281.8
-2.5°	166.7	173.7	179.9	185.0	191.2	196.9	205.0	214.2	232.5	254.9	281.7
-5°	166.6	173.5	179.7	184.8	190.9	196.2	204.0	213.1	231.8	253.6	281.0
-7.5°	166.2	173.1	179.2	184.4	190.5	195.9	203.5	213.0	231.0	253.3	280.0
-10°	165.6	172.6	178.9	184.3	190.2	195.8	203.0	212.3	229.2	251.5	277.5
-12.5°	164.5	172.0	178.3	183.9	189.6	195.5	202.2	211.1	226.1	248.2	272.8
-15°	163.1	171.2	177.6	183.4	188.9	194.8	201.2	209.2	221.8	242.3	264.9
-17.5°	161.6	170.2	176.6	182.7	188.0	193.9	199.9	207.0	217.8	235.9	257.0
-20°	159.9	169.0	175.4	181.9	186.9	192.7	198.5	205.3	214.8	229.3	248.2



REPORT NUMBER: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	158.0	167.6	174.0	180.6	185.8	191.3	197.0	203.2	211.2	222.3	238.6
-25°	155.6	165.3	172.3	178.8	184.5	189.7	195.2	200.8	207.9	217.0	229.4
-27.5°	152.7	162.8	170.4	176.8	182.9	187.9	193.3	198.7	204.4	211.3	220.8
-30°	149.6	160.0	168.3	174.6	180.6	185.9	191.1	195.9	200.8	206.7	214.2
-32.5°	146.2	157.0	165.3	172.0	178.1	183.7	188.5	193.0	197.4	202.4	208.2
-35°	142.2	152.9	161.9	169.3	175.4	180.9	185.7	190.1	193.9	198.4	203.0
-37.5°	137.4	148.6	158.3	165.8	172.1	177.7	182.7	187.0	190.9	194.1	198.2
-40°	132.5	144.1	153.6	161.7	168.5	174.1	179.2	183.7	187.7	190.7	193.7
-42.5°	127.2	138.5	148.5	157.3	163.9	169.9	175.4	179.9	183.9	187.0	189.8
-45°	121.0	132.7	142.9	151.5	159.0	165.1	170.5	175.8	179.6	183.2	185.8
-47.5°	114.6	126.4	136.5	145.6	153.2	159.7	165.3	170.4	175.0	178.5	181.9
-50°	107.7	119.1	129.8	138.6	146.7	153.5	159.3	164.7	169.3	173.4	176.7
-52.5°	100.0	111.6	121.9	131.2	139.4	146.7	152.8	158.3	163.2	167.6	171.3
-55°	92.1	103.2	113.6	122.8	131.2	138.6	145.6	151.2	156.4	160.7	165.2
-57.5°	84.0	94.4	104.4	113.8	122.1	129.8	136.7	143.5	148.6	153.2	157.8
-60°	75.7	85.4	94.7	103.8	112.5	119.9	127.1	133.5	139.5	145.2	149.4
-62.5°	67.4	76.3	84.8	93.1	101.3	109.5	116.5	122.9	128.9	134.0	139.0
-65°	59.2	67.1	75.0	82.6	89.8	97.2	104.5	111.6	117.4	122.2	126.8
-67.5°	50.9	57.9	64.9	72.0	78.6	85.0	91.4	97.8	103.9	109.1	113.8
-70°	42.7	48.6	54.7	61.0	67.0	72.6	78.1	83.6	89.1	94.0	98.5
-72.5°	34.5	39.7	44.8	49.8	55.0	60.0	64.8	69.2	73.7	78.0	82.2
-75°	27.7	30.9	35.2	39.5	43.5	47.5	51.6	55.6	59.1	62.3	65.6
-77.5°	21.9	24.2	26.8	29.6	32.2	35.3	38.4	41.5	44.4	46.9	49.2
-80°	16.3	17.5	19.1	21.0	22.9	24.7	26.4	28.1	29.9	31.9	34.0
-82.5°	11.3	12.3	13.2	13.9	14.6	15.3	16.1	17.2	18.8	20.3	21.7
-85°	6.6	7.2	7.9	8.6	9.2	9.7	10.2	10.6	11.2	11.8	12.5
-87.5°	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.7
-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: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	5.9	5.9	5.8	5.7	5.6	5.7	5.8	5.9	6.0	6.1	6.1
85°	13.1	13.7	14.2	14.8	15.4	15.8	16.1	16.5	16.7	17.0	17.2
82.5°	23.0	24.2	25.2	26.2	27.0	27.7	28.4	28.9	29.4	29.8	30.2
80°	35.9	37.7	39.3	40.9	42.4	43.5	44.5	45.3	45.9	46.6	47.2
77.5°	51.4	53.8	56.2	58.3	60.2	61.8	63.2	64.4	65.4	66.6	67.7
75°	68.8	71.8	74.4	76.9	79.2	81.3	83.1	84.7	86.0	87.4	88.5
72.5°	86.1	89.7	92.9	95.5	98.0	100.3	102.6	104.8	106.8	108.2	109.3
70°	102.5	106.3	109.6	112.7	115.5	118.4	121.4	124.2	126.7	128.3	129.2
67.5°	117.6	121.4	125.2	129.0	132.4	135.4	138.4	141.1	143.6	145.2	146.3
65°	131.2	135.4	139.5	143.4	147.0	149.6	152.3	154.8	157.2	159.2	160.6
62.5°	143.9	148.0	151.5	154.8	157.8	160.4	163.1	165.5	167.5	169.3	171.1
60°	153.6	157.8	161.2	164.2	167.1	169.7	171.8	173.5	174.9	176.1	177.2
57.5°	162.0	165.9	169.3	171.9	174.4	176.9	178.7	179.8	180.6	181.2	181.7
55°	169.1	172.3	175.2	178.0	180.4	182.6	184.2	184.9	185.4	185.6	185.9
52.5°	174.9	178.0	180.9	183.6	185.5	187.4	188.9	189.3	189.6	189.7	189.8
50°	180.2	183.2	185.6	187.8	189.8	191.4	192.7	193.4	193.8	193.8	193.6
47.5°	184.4	187.1	189.6	191.9	193.9	195.8	197.4	198.3	198.9	199.2	199.2
45°	188.2	191.2	193.9	196.6	199.0	201.5	203.6	205.0	206.5	207.4	207.9
42.5°	192.6	195.7	198.7	202.4	205.8	209.0	212.5	215.6	218.7	222.1	224.4
40°	197.1	200.4	205.1	209.5	214.4	218.9	226.3	233.7	239.3	244.0	248.3
37.5°	202.2	207.1	212.7	218.4	226.5	234.9	244.1	253.3	261.2	268.3	274.1
35°	208.1	214.7	221.5	231.6	241.9	252.3	263.4	275.5	285.8	293.3	298.7
32.5°	215.3	223.5	234.6	247.5	260.2	273.6	287.0	300.5	310.7	321.1	331.6
30°	223.3	235.2	249.4	265.2	281.0	297.0	313.9	332.6	350.4	369.5	396.9
27.5°	233.5	247.9	264.7	283.4	302.4	321.5	350.9	383.0	430.7	468.8	533.5
25°	244.4	261.3	281.3	302.9	326.1	360.4	414.1	477.6	589.9	677.1	809.4
22.5°	256.6	276.4	298.5	323.3	360.9	425.5	517.3	680.2	906.9	1130.7	1379.7
20°	268.5	290.5	314.7	352.3	416.1	518.4	717.1	1069.3	1462.7	2022.7	2492.7
17.5°	279.9	303.3	333.9	384.7	480.2	686.0	1071.0	1674.2	2495.8	3398.5	4151.3
15°	289.8	313.8	355.0	435.5	596.9	917.4	1498.7	2525.4	3905.7	5141.7	6244.0
12.5°	298.3	326.6	377.9	476.5	698.3	1172.5	2105.2	3563.0	5248.5	6981.9	8377.0
10°	304.5	340.2	408.4	552.4	859.2	1476.2	2610.6	4449.5	6479.0	8585.8	11107.8
7.5°	308.2	350.0	431.6	608.7	1002.7	1814.4	3244.6	5241.0	7571.6	10447.6	14300.8
5°	310.8	356.6	448.7	651.1	1098.7	2037.9	3644.9	5840.7	8514.4	12672.8	20603.0
2.5°	312.1	359.5	458.5	674.4	1142.3	2152.9	3926.6	6184.1	9087.9	14242.6	24968.8
0°	311.6	357.9	459.7	679.7	1148.6	2240.7	3973.5	6282.1	9281.7	14383.3	26368.5
-2.5°	312.1	359.5	458.5	674.4	1142.3	2152.9	3926.6	6184.1	9087.9	14242.6	24968.8
-5°	310.8	356.6	448.7	651.1	1098.7	2037.9	3644.9	5840.7	8514.4	12672.8	20603.0
-7.5°	308.2	350.0	431.6	608.7	1002.7	1814.4	3244.6	5241.0	7571.6	10447.6	14300.8
-10°	304.5	340.2	408.4	552.4	859.2	1476.2	2610.6	4449.5	6479.0	8585.8	11107.8
-12.5°	298.3	326.6	377.9	476.5	698.3	1172.5	2105.2	3563.0	5248.5	6981.9	8377.0
-15°	289.8	313.8	355.0	435.5	596.9	917.4	1498.7	2525.4	3905.7	5141.7	6244.0
-17.5°	279.9	303.3	333.9	384.7	480.2	686.0	1071.0	1674.2	2495.8	3398.5	4151.3
-20°	268.5	290.5	314.7	352.3	416.1	518.4	717.1	1069.3	1462.7	2022.7	2492.7



REPORT NUMBER: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	256.6	276.4	298.5	323.3	360.9	425.5	517.3	680.2	906.9	1130.7	1379.7
-25°	244.4	261.3	281.3	302.9	326.1	360.4	414.1	477.6	589.9	677.1	809.4
-27.5°	233.5	247.9	264.7	283.4	302.4	321.5	350.9	383.0	430.7	468.8	533.5
-30°	223.3	235.2	249.4	265.2	281.0	297.0	313.9	332.6	350.4	369.5	396.9
-32.5°	215.3	223.5	234.6	247.5	260.2	273.6	287.0	300.5	310.7	321.1	331.6
-35°	208.1	214.7	221.5	231.6	241.9	252.3	263.4	275.5	285.8	293.3	298.7
-37.5°	202.2	207.1	212.7	218.4	226.5	234.9	244.1	253.3	261.2	268.3	274.1
-40°	197.1	200.4	205.1	209.5	214.4	218.9	226.3	233.7	239.3	244.0	248.3
-42.5°	192.6	195.7	198.7	202.4	205.8	209.0	212.5	215.6	218.7	222.1	224.4
-45°	188.2	191.2	193.9	196.6	199.0	201.5	203.6	205.0	206.5	207.4	207.9
-47.5°	184.4	187.1	189.6	191.9	193.9	195.8	197.4	198.3	198.9	199.2	199.2
-50°	180.2	183.2	185.6	187.8	189.8	191.4	192.7	193.4	193.8	193.8	193.6
-52.5°	174.9	178.0	180.9	183.6	185.5	187.4	188.9	189.3	189.6	189.7	189.8
-55°	169.1	172.3	175.2	178.0	180.4	182.6	184.2	184.9	185.4	185.6	185.9
-57.5°	162.0	165.9	169.3	171.9	174.4	176.9	178.7	179.8	180.6	181.2	181.7
-60°	153.6	157.8	161.2	164.2	167.1	169.7	171.8	173.5	174.9	176.1	177.2
-62.5°	143.9	148.0	151.5	154.8	157.8	160.4	163.1	165.5	167.5	169.3	171.1
-65°	131.2	135.4	139.5	143.4	147.0	149.6	152.3	154.8	157.2	159.2	160.6
-67.5°	117.6	121.4	125.2	129.0	132.4	135.4	138.4	141.1	143.6	145.2	146.3
-70°	102.5	106.3	109.6	112.7	115.5	118.4	121.4	124.2	126.7	128.3	129.2
-72.5°	86.1	89.7	92.9	95.5	98.0	100.3	102.6	104.8	106.8	108.2	109.3
-75°	68.8	71.8	74.4	76.9	79.2	81.3	83.1	84.7	86.0	87.4	88.5
-77.5°	51.4	53.8	56.2	58.3	60.2	61.8	63.2	64.4	65.4	66.6	67.7
-80°	35.9	37.7	39.3	40.9	42.4	43.5	44.5	45.3	45.9	46.6	47.2
-82.5°	23.0	24.2	25.2	26.2	27.0	27.7	28.4	28.9	29.4	29.8	30.2
-85°	13.1	13.7	14.2	14.8	15.4	15.8	16.1	16.5	16.7	17.0	17.2
-87.5°	5.9	5.9	5.8	5.7	5.6	5.7	5.8	5.9	6.0	6.1	6.1
-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: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
85°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2	17.0	16.7	16.5
82.5°	30.5	30.6	30.8	30.8	30.8	30.6	30.5	30.2	29.8	29.4	28.9
80°	47.7	48.0	48.2	48.3	48.2	48.0	47.7	47.2	46.6	45.9	45.3
77.5°	68.7	69.5	69.8	69.9	69.8	69.5	68.7	67.7	66.6	65.4	64.4
75°	89.4	90.0	90.4	90.5	90.4	90.0	89.4	88.5	87.4	86.0	84.7
72.5°	110.1	110.6	111.4	112.1	111.4	110.6	110.1	109.3	108.2	106.8	104.8
70°	129.8	130.0	130.9	131.6	130.9	130.0	129.8	129.2	128.3	126.7	124.2
67.5°	147.0	147.5	147.5	147.1	147.5	147.5	147.0	146.3	145.2	143.6	141.1
65°	161.8	162.8	162.9	162.5	162.9	162.8	161.8	160.6	159.2	157.2	154.8
62.5°	172.7	174.1	174.7	174.8	174.7	174.1	172.7	171.1	169.3	167.5	165.5
60°	178.0	178.6	178.8	178.9	178.8	178.6	178.0	177.2	176.1	174.9	173.5
57.5°	181.9	181.9	182.0	182.0	182.0	181.9	181.9	181.7	181.2	180.6	179.8
55°	186.0	186.0	185.7	185.1	185.7	186.0	186.0	185.9	185.6	185.4	184.9
52.5°	189.6	189.3	188.8	188.2	188.8	189.3	189.6	189.8	189.7	189.6	189.3
50°	193.2	192.5	192.2	192.3	192.2	192.5	193.2	193.6	193.8	193.8	193.4
47.5°	199.0	198.6	198.4	198.5	198.4	198.6	199.0	199.2	199.2	198.9	198.3
45°	208.1	207.7	207.5	207.7	207.5	207.7	208.1	207.9	207.4	206.5	205.0
42.5°	225.7	225.9	225.8	226.2	225.8	225.9	225.7	224.4	222.1	218.7	215.6
40°	250.0	249.9	249.1	248.9	249.1	249.9	250.0	248.3	244.0	239.3	233.7
37.5°	276.5	276.5	275.7	275.6	275.7	276.5	276.5	274.1	268.3	261.2	253.3
35°	301.5	302.5	302.3	301.3	302.3	302.5	301.5	298.7	293.3	285.8	275.5
32.5°	339.0	344.8	347.8	346.5	347.8	344.8	339.0	331.6	321.1	310.7	300.5
30°	414.1	428.9	436.7	440.1	436.7	428.9	414.1	396.9	369.5	350.4	332.6
27.5°	579.8	612.4	627.2	632.4	627.2	612.4	579.8	533.5	468.8	430.7	383.0
25°	924.9	998.7	1035.2	1046.8	1035.2	998.7	924.9	809.4	677.1	589.9	477.6
22.5°	1653.8	1795.9	1893.2	1914.8	1893.2	1795.9	1653.8	1379.7	1130.7	906.9	680.2
20°	2965.3	3240.3	3389.4	3376.0	3389.4	3240.3	2965.3	2492.7	2022.7	1462.7	1069.3
17.5°	4791.2	5143.8	5311.6	5233.2	5311.6	5143.8	4791.2	4151.3	3398.5	2495.8	1674.2
15°	7023.7	7500.1	7707.8	7772.1	7707.8	7500.1	7023.7	6244.0	5141.7	3905.7	2525.4
12.5°	9769.6	11331.3	12078.2	12278.3	12078.2	11331.3	9769.6	8377.0	6981.9	5248.5	3563.0
10°	13687.3	18936.8	22059.3	22821.8	22059.3	18936.8	13687.3	11107.8	8585.8	6479.0	4449.5
7.5°	22352.6	33020.0	44970.1	50628.9	44970.1	33020.0	22352.6	14300.8	10447.6	7571.6	5241.0
5°	34087.7	59161.9	86829.7	97676.0	86829.7	59161.9	34087.7	20603.0	12672.8	8514.4	5840.7
2.5°	48353.6	89329.9	127560.1	141811.6	127560.1	89329.9	48353.6	24968.8	14242.6	9087.9	6184.1
0°	54380.8	102987.4	140543.6	152751.4	140543.6	102987.4	54380.8	26368.5	14383.3	9281.7	6282.1
-2.5°	48353.6	89329.9	127560.1	141811.5	127560.1	89329.9	48353.6	24968.8	14242.6	9087.9	6184.1
-5°	34087.7	59161.9	86829.7	97676.0	86829.7	59161.9	34087.7	20603.0	12672.8	8514.4	5840.7
-7.5°	22352.6	33020.0	44970.1	50628.9	44970.1	33020.0	22352.6	14300.8	10447.6	7571.6	5241.0
-10°	13687.3	18936.8	22059.3	22821.8	22059.3	18936.8	13687.3	11107.8	8585.8	6479.0	4449.5
-12.5°	9769.6	11331.3	12078.2	12278.3	12078.2	11331.3	9769.6	8377.0	6981.9	5248.5	3563.0
-15°	7023.7	7500.1	7707.8	7772.1	7707.8	7500.1	7023.7	6244.0	5141.7	3905.7	2525.4
-17.5°	4791.2	5143.8	5311.6	5233.2	5311.6	5143.8	4791.2	4151.3	3398.5	2495.8	1674.2
-20°	2965.3	3240.3	3389.4	3376.0	3389.4	3240.3	2965.3	2492.7	2022.7	1462.7	1069.3



REPORT NUMBER: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1653.8	1795.9	1893.2	1914.8	1893.2	1795.9	1653.8	1379.7	1130.7	906.9	680.2
-25°	924.9	998.7	1035.2	1046.8	1035.2	998.7	924.9	809.4	677.1	589.9	477.6
-27.5°	579.8	612.4	627.2	632.4	627.2	612.4	579.8	533.5	468.8	430.7	383.0
-30°	414.1	428.9	436.7	440.1	436.7	428.9	414.1	396.9	369.5	350.4	332.6
-32.5°	339.0	344.8	347.8	346.5	347.8	344.8	339.0	331.6	321.1	310.7	300.5
-35°	301.5	302.5	302.3	301.3	302.3	302.5	301.5	298.7	293.3	285.8	275.5
-37.5°	276.5	276.5	275.7	275.6	275.7	276.5	276.5	274.1	268.3	261.2	253.3
-40°	250.0	249.9	249.1	248.9	249.1	249.9	250.0	248.3	244.0	239.3	233.7
-42.5°	225.7	225.9	225.8	226.2	225.8	225.9	225.7	224.4	222.1	218.7	215.6
-45°	208.1	207.7	207.5	207.7	207.5	207.7	208.1	207.9	207.4	206.5	205.0
-47.5°	199.0	198.6	198.4	198.5	198.4	198.6	199.0	199.2	199.2	198.9	198.3
-50°	193.2	192.5	192.2	192.3	192.2	192.5	193.2	193.6	193.8	193.8	193.4
-52.5°	189.6	189.3	188.8	188.2	188.8	189.3	189.6	189.8	189.7	189.6	189.3
-55°	186.0	186.0	185.7	185.1	185.7	186.0	186.0	185.9	185.6	185.4	184.9
-57.5°	181.9	181.9	182.0	182.0	182.0	181.9	181.9	181.7	181.2	180.6	179.8
-60°	178.0	178.6	178.8	178.9	178.8	178.6	178.0	177.2	176.1	174.9	173.5
-62.5°	172.7	174.1	174.7	174.8	174.7	174.1	172.7	171.1	169.3	167.5	165.5
-65°	161.8	162.8	162.9	162.5	162.9	162.8	161.8	160.6	159.2	157.2	154.8
-67.5°	147.0	147.5	147.5	147.1	147.5	147.5	147.0	146.3	145.2	143.6	141.1
-70°	129.8	130.0	130.9	131.6	130.9	130.0	129.8	129.2	128.3	126.7	124.2
-72.5°	110.1	110.6	111.4	112.1	111.4	110.6	110.1	109.3	108.2	106.8	104.8
-75°	89.4	90.0	90.4	90.5	90.4	90.0	89.4	88.5	87.4	86.0	84.7
-77.5°	68.7	69.5	69.8	69.9	69.8	69.5	68.7	67.7	66.6	65.4	64.4
-80°	47.7	48.0	48.2	48.3	48.2	48.0	47.7	47.2	46.6	45.9	45.3
-82.5°	30.5	30.6	30.8	30.8	30.8	30.6	30.5	30.2	29.8	29.4	28.9
-85°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2	17.0	16.7	16.5
-87.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.9
-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: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	5.8	5.7	5.6	5.7	5.8	5.9	5.9	5.7	5.5	5.3	5.1
85°	16.1	15.8	15.4	14.8	14.2	13.7	13.1	12.5	11.8	11.2	10.6
82.5°	28.4	27.7	27.0	26.2	25.2	24.2	23.0	21.7	20.3	18.8	17.2
80°	44.5	43.5	42.4	40.9	39.3	37.7	35.9	34.0	31.9	29.9	28.1
77.5°	63.2	61.8	60.2	58.3	56.2	53.8	51.4	49.2	46.9	44.4	41.5
75°	83.1	81.3	79.2	76.9	74.4	71.8	68.8	65.6	62.3	59.1	55.6
72.5°	102.6	100.3	98.0	95.5	92.9	89.7	86.1	82.2	78.0	73.7	69.2
70°	121.4	118.4	115.5	112.7	109.6	106.3	102.5	98.5	94.0	89.1	83.6
67.5°	138.4	135.4	132.4	129.0	125.2	121.4	117.6	113.8	109.1	103.9	97.8
65°	152.3	149.6	147.0	143.4	139.5	135.4	131.2	126.8	122.2	117.4	111.6
62.5°	163.1	160.4	157.8	154.8	151.5	148.0	143.9	139.0	134.0	128.9	122.9
60°	171.8	169.7	167.1	164.2	161.2	157.8	153.6	149.4	145.2	139.5	133.5
57.5°	178.7	176.9	174.4	171.9	169.3	165.9	162.0	157.8	153.2	148.6	143.5
55°	184.2	182.6	180.4	178.0	175.2	172.3	169.1	165.2	160.7	156.4	151.2
52.5°	188.9	187.4	185.5	183.6	180.9	178.0	174.9	171.3	167.6	163.2	158.3
50°	192.7	191.4	189.8	187.8	185.6	183.2	180.2	176.7	173.4	169.3	164.7
47.5°	197.4	195.8	193.9	191.9	189.6	187.1	184.4	181.9	178.5	175.0	170.4
45°	203.6	201.5	199.0	196.6	193.9	191.2	188.2	185.8	183.2	179.6	175.8
42.5°	212.5	209.0	205.8	202.4	198.7	195.7	192.6	189.8	187.0	183.9	179.9
40°	226.3	218.9	214.4	209.5	205.1	200.4	197.1	193.7	190.7	187.7	183.7
37.5°	244.1	234.9	226.5	218.4	212.7	207.1	202.2	198.2	194.1	190.9	187.0
35°	263.4	252.3	241.9	231.6	221.5	214.7	208.1	203.0	198.4	193.9	190.1
32.5°	287.0	273.6	260.2	247.5	234.6	223.5	215.3	208.2	202.4	197.4	193.0
30°	313.9	297.0	281.0	265.2	249.4	235.2	223.3	214.2	206.7	200.8	195.9
27.5°	350.9	321.5	302.4	283.4	264.7	247.9	233.5	220.8	211.3	204.4	198.7
25°	414.1	360.4	326.1	302.9	281.3	261.3	244.4	229.4	217.0	207.9	200.8
22.5°	517.3	425.5	360.9	323.3	298.5	276.4	256.6	238.6	222.3	211.2	203.2
20°	717.1	518.4	416.1	352.3	314.7	290.5	268.5	248.2	229.3	214.8	205.3
17.5°	1071.0	686.0	480.2	384.7	333.9	303.3	279.9	257.0	235.9	217.8	207.0
15°	1498.7	917.4	596.9	435.5	355.0	313.8	289.8	264.9	242.3	221.8	209.2
12.5°	2105.2	1172.5	698.3	476.5	377.9	326.6	298.3	272.8	248.2	226.1	211.1
10°	2610.6	1476.2	859.2	552.4	408.4	340.2	304.5	277.5	251.5	229.2	212.3
7.5°	3244.6	1814.4	1002.7	608.7	431.6	350.0	308.2	280.0	253.3	231.0	213.0
5°	3644.9	2037.9	1098.7	651.1	448.7	356.6	310.8	281.0	253.6	231.8	213.1
2.5°	3926.6	2152.9	1142.3	674.4	458.5	359.5	312.1	281.7	254.9	232.5	214.2
0°	3973.5	2240.7	1148.6	679.7	459.7	357.9	311.6	281.8	256.1	232.4	214.9
-2.5°	3926.6	2152.9	1142.3	674.4	458.5	359.5	312.1	281.7	254.9	232.5	214.2
-5°	3644.9	2037.9	1098.7	651.1	448.7	356.6	310.8	281.0	253.6	231.8	213.1
-7.5°	3244.6	1814.4	1002.7	608.7	431.6	350.0	308.2	280.0	253.3	231.0	213.0
-10°	2610.6	1476.2	859.2	552.4	408.4	340.2	304.5	277.5	251.5	229.2	212.3
-12.5°	2105.2	1172.5	698.3	476.5	377.9	326.6	298.3	272.8	248.2	226.1	211.1
-15°	1498.7	917.4	596.9	435.5	355.0	313.8	289.8	264.9	242.3	221.8	209.2
-17.5°	1071.0	686.0	480.2	384.7	333.9	303.3	279.9	257.0	235.9	217.8	207.0
-20°	717.1	518.4	416.1	352.3	314.7	290.5	268.5	248.2	229.3	214.8	205.3



REPORT NUMBER: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	517.3	425.5	360.9	323.3	298.5	276.4	256.6	238.6	222.3	211.2	203.2
-25°	414.1	360.4	326.1	302.9	281.3	261.3	244.4	229.4	217.0	207.9	200.8
-27.5°	350.9	321.5	302.4	283.4	264.7	247.9	233.5	220.8	211.3	204.4	198.7
-30°	313.9	297.0	281.0	265.2	249.4	235.2	223.3	214.2	206.7	200.8	195.9
-32.5°	287.0	273.6	260.2	247.5	234.6	223.5	215.3	208.2	202.4	197.4	193.0
-35°	263.4	252.3	241.9	231.6	221.5	214.7	208.1	203.0	198.4	193.9	190.1
-37.5°	244.1	234.9	226.5	218.4	212.7	207.1	202.2	198.2	194.1	190.9	187.0
-40°	226.3	218.9	214.4	209.5	205.1	200.4	197.1	193.7	190.7	187.7	183.7
-42.5°	212.5	209.0	205.8	202.4	198.7	195.7	192.6	189.8	187.0	183.9	179.9
-45°	203.6	201.5	199.0	196.6	193.9	191.2	188.2	185.8	183.2	179.6	175.8
-47.5°	197.4	195.8	193.9	191.9	189.6	187.1	184.4	181.9	178.5	175.0	170.4
-50°	192.7	191.4	189.8	187.8	185.6	183.2	180.2	176.7	173.4	169.3	164.7
-52.5°	188.9	187.4	185.5	183.6	180.9	178.0	174.9	171.3	167.6	163.2	158.3
-55°	184.2	182.6	180.4	178.0	175.2	172.3	169.1	165.2	160.7	156.4	151.2
-57.5°	178.7	176.9	174.4	171.9	169.3	165.9	162.0	157.8	153.2	148.6	143.5
-60°	171.8	169.7	167.1	164.2	161.2	157.8	153.6	149.4	145.2	139.5	133.5
-62.5°	163.1	160.4	157.8	154.8	151.5	148.0	143.9	139.0	134.0	128.9	122.9
-65°	152.3	149.6	147.0	143.4	139.5	135.4	131.2	126.8	122.2	117.4	111.6
-67.5°	138.4	135.4	132.4	129.0	125.2	121.4	117.6	113.8	109.1	103.9	97.8
-70°	121.4	118.4	115.5	112.7	109.6	106.3	102.5	98.5	94.0	89.1	83.6
-72.5°	102.6	100.3	98.0	95.5	92.9	89.7	86.1	82.2	78.0	73.7	69.2
-75°	83.1	81.3	79.2	76.9	74.4	71.8	68.8	65.6	62.3	59.1	55.6
-77.5°	63.2	61.8	60.2	58.3	56.2	53.8	51.4	49.2	46.9	44.4	41.5
-80°	44.5	43.5	42.4	40.9	39.3	37.7	35.9	34.0	31.9	29.9	28.1
-82.5°	28.4	27.7	27.0	26.2	25.2	24.2	23.0	21.7	20.3	18.8	17.2
-85°	16.1	15.8	15.4	14.8	14.2	13.7	13.1	12.5	11.8	11.2	10.6
-87.5°	5.8	5.7	5.6	5.7	5.8	5.9	5.9	5.7	5.5	5.3	5.1
-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: P558704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2
85°	10.2	9.7	9.2	8.6	7.9	7.2	6.6	6.1	5.5	4.9	4.3
82.5°	16.1	15.3	14.6	13.9	13.2	12.3	11.3	10.2	8.8	7.5	6.5
80°	26.4	24.7	22.9	21.0	19.1	17.5	16.3	14.9	13.0	11.1	9.3
77.5°	38.4	35.3	32.2	29.6	26.8	24.2	21.9	19.7	17.1	14.7	12.4
75°	51.6	47.5	43.5	39.5	35.2	30.9	27.7	24.8	21.6	18.3	15.4
72.5°	64.8	60.0	55.0	49.8	44.8	39.7	34.5	29.8	26.3	22.6	18.7
70°	78.1	72.6	67.0	61.0	54.7	48.6	42.7	36.7	30.9	26.8	22.4
67.5°	91.4	85.0	78.6	72.0	64.9	57.9	50.9	44.0	37.3	30.9	26.1
65°	104.5	97.2	89.8	82.6	75.0	67.1	59.2	51.2	43.6	36.4	29.7
62.5°	116.5	109.5	101.3	93.1	84.8	76.3	67.4	58.6	49.8	41.7	34.0
60°	127.1	119.9	112.5	103.8	94.7	85.4	75.7	65.9	56.3	46.8	38.4
57.5°	136.7	129.8	122.1	113.8	104.4	94.4	84.0	73.3	62.7	52.3	42.7
55°	145.6	138.6	131.2	122.8	113.6	103.2	92.1	80.6	69.1	57.9	46.9
52.5°	152.8	146.7	139.4	131.2	121.9	111.6	100.0	87.8	75.5	63.3	51.6
50°	159.3	153.5	146.7	138.6	129.8	119.1	107.7	94.8	81.7	68.6	56.2
47.5°	165.3	159.7	153.2	145.6	136.5	126.4	114.6	101.7	87.7	73.9	60.6
45°	170.5	165.1	159.0	151.5	142.9	132.7	121.0	108.4	93.7	79.1	64.8
42.5°	175.4	169.9	163.9	157.3	148.5	138.5	127.2	114.1	99.5	84.0	69.0
40°	179.2	174.1	168.5	161.7	153.6	144.1	132.5	119.5	105.1	88.8	73.2
37.5°	182.7	177.7	172.1	165.8	158.3	148.6	137.4	124.6	110.1	93.5	77.1
35°	185.7	180.9	175.4	169.3	161.9	152.9	142.2	129.2	114.4	97.9	80.8
32.5°	188.5	183.7	178.1	172.0	165.3	157.0	146.2	133.1	118.3	102.0	84.3
30°	191.1	185.9	180.6	174.6	168.3	160.0	149.6	136.8	122.1	105.7	87.6
27.5°	193.3	187.9	182.9	176.8	170.4	162.8	152.7	140.2	125.5	109.0	90.6
25°	195.2	189.7	184.5	178.8	172.3	165.3	155.6	143.3	128.4	111.8	93.4
22.5°	197.0	191.3	185.8	180.6	174.0	167.6	158.0	145.6	130.9	114.4	95.9
20°	198.5	192.7	186.9	181.9	175.4	169.0	159.9	147.8	133.2	116.6	98.2
17.5°	199.9	193.9	188.0	182.7	176.6	170.2	161.6	149.7	135.2	118.6	100.1
15°	201.2	194.8	188.9	183.4	177.6	171.2	163.1	151.3	136.8	120.3	101.8
12.5°	202.2	195.5	189.6	183.9	178.3	172.0	164.5	152.8	138.2	121.7	103.2
10°	203.0	195.8	190.2	184.3	178.9	172.6	165.6	153.9	139.4	122.8	104.3
7.5°	203.5	195.9	190.5	184.4	179.2	173.1	166.2	154.7	140.2	123.7	105.1
5°	204.0	196.2	190.9	184.8	179.7	173.5	166.6	155.2	140.7	124.2	105.7
2.5°	205.0	196.9	191.2	185.0	179.9	173.7	166.7	155.4	141.0	124.5	105.9
0°	205.7	197.4	191.3	185.1	180.0	173.8	166.6	155.3	140.9	124.4	105.9
-2.5°	205.0	196.9	191.2	185.0	179.9	173.7	166.7	155.4	141.0	124.5	105.9
-5°	204.0	196.2	190.9	184.8	179.7	173.5	166.6	155.2	140.7	124.2	105.7
-7.5°	203.5	195.9	190.5	184.4	179.2	173.1	166.2	154.7	140.2	123.7	105.1
-10°	203.0	195.8	190.2	184.3	178.9	172.6	165.6	153.9	139.4	122.8	104.3
-12.5°	202.2	195.5	189.6	183.9	178.3	172.0	164.5	152.8	138.2	121.7	103.2
-15°	201.2	194.8	188.9	183.4	177.6	171.2	163.1	151.3	136.8	120.3	101.8
-17.5°	199.9	193.9	188.0	182.7	176.6	170.2	161.6	149.7	135.2	118.6	100.1
-20°	198.5	192.7	186.9	181.9	175.4	169.0	159.9	147.8	133.2	116.6	98.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	197.0	191.3	185.8	180.6	174.0	167.6	158.0	145.6	130.9	114.4	95.9
-25°	195.2	189.7	184.5	178.8	172.3	165.3	155.6	143.3	128.4	111.8	93.4
-27.5°	193.3	187.9	182.9	176.8	170.4	162.8	152.7	140.2	125.5	109.0	90.6
-30°	191.1	185.9	180.6	174.6	168.3	160.0	149.6	136.8	122.1	105.7	87.6
-32.5°	188.5	183.7	178.1	172.0	165.3	157.0	146.2	133.1	118.3	102.0	84.3
-35°	185.7	180.9	175.4	169.3	161.9	152.9	142.2	129.2	114.4	97.9	80.8
-37.5°	182.7	177.7	172.1	165.8	158.3	148.6	137.4	124.6	110.1	93.5	77.1
-40°	179.2	174.1	168.5	161.7	153.6	144.1	132.5	119.5	105.1	88.8	73.2
-42.5°	175.4	169.9	163.9	157.3	148.5	138.5	127.2	114.1	99.5	84.0	69.0
-45°	170.5	165.1	159.0	151.5	142.9	132.7	121.0	108.4	93.7	79.1	64.8
-47.5°	165.3	159.7	153.2	145.6	136.5	126.4	114.6	101.7	87.7	73.9	60.6
-50°	159.3	153.5	146.7	138.6	129.8	119.1	107.7	94.8	81.7	68.6	56.2
-52.5°	152.8	146.7	139.4	131.2	121.9	111.6	100.0	87.8	75.5	63.3	51.6
-55°	145.6	138.6	131.2	122.8	113.6	103.2	92.1	80.6	69.1	57.9	46.9
-57.5°	136.7	129.8	122.1	113.8	104.4	94.4	84.0	73.3	62.7	52.3	42.7
-60°	127.1	119.9	112.5	103.8	94.7	85.4	75.7	65.9	56.3	46.8	38.4
-62.5°	116.5	109.5	101.3	93.1	84.8	76.3	67.4	58.6	49.8	41.7	34.0
-65°	104.5	97.2	89.8	82.6	75.0	67.1	59.2	51.2	43.6	36.4	29.7
-67.5°	91.4	85.0	78.6	72.0	64.9	57.9	50.9	44.0	37.3	30.9	26.1
-70°	78.1	72.6	67.0	61.0	54.7	48.6	42.7	36.7	30.9	26.8	22.4
-72.5°	64.8	60.0	55.0	49.8	44.8	39.7	34.5	29.8	26.3	22.6	18.7
-75°	51.6	47.5	43.5	39.5	35.2	30.9	27.7	24.8	21.6	18.3	15.4
-77.5°	38.4	35.3	32.2	29.6	26.8	24.2	21.9	19.7	17.1	14.7	12.4
-80°	26.4	24.7	22.9	21.0	19.1	17.5	16.3	14.9	13.0	11.1	9.3
-82.5°	16.1	15.3	14.6	13.9	13.2	12.3	11.3	10.2	8.8	7.5	6.5
-85°	10.2	9.7	9.2	8.6	7.9	7.2	6.6	6.1	5.5	4.9	4.3
-87.5°	4.9	4.6	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
85°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
82.5°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
80°	7.5	6.4	5.3	4.1	2.8	1.4	0.0
77.5°	10.2	8.2	6.7	5.2	3.5	1.8	0.0
75°	12.8	10.4	8.0	6.2	4.2	2.1	0.0
72.5°	15.4	12.6	9.8	7.2	4.9	2.5	0.0
70°	18.0	14.7	11.5	8.2	5.6	2.8	0.0
67.5°	21.2	16.8	13.2	9.5	6.3	3.1	0.0
65°	24.4	19.1	14.8	10.7	6.9	3.5	0.0
62.5°	27.5	21.7	16.5	12.0	7.6	3.8	0.0
60°	30.5	24.2	18.1	13.2	8.2	4.1	0.0
57.5°	34.1	26.6	19.9	14.3	9.0	4.4	0.0
55°	37.6	28.9	21.8	15.5	9.7	4.7	0.0
52.5°	41.1	31.3	23.6	16.6	10.4	5.0	0.0
50°	44.5	34.1	25.3	17.7	11.1	5.3	0.0
47.5°	47.8	36.8	27.0	18.7	11.8	5.5	0.0
45°	51.5	39.4	28.6	19.9	12.5	5.8	0.0
42.5°	54.9	41.9	30.1	21.1	13.1	6.0	0.0
40°	58.2	44.3	31.8	22.1	13.7	6.3	0.0
37.5°	61.3	46.6	33.6	23.1	14.2	6.5	0.0
35°	64.2	48.9	35.3	24.0	14.8	6.7	0.0
32.5°	67.0	51.2	36.9	24.9	15.3	6.9	0.0
30°	69.8	53.3	38.4	25.7	15.7	7.1	0.0
27.5°	72.4	55.2	39.7	26.4	16.2	7.3	0.0
25°	74.7	57.0	41.0	27.1	16.6	7.4	0.0
22.5°	76.9	58.7	42.2	27.7	16.9	7.6	0.0
20°	78.8	60.1	43.2	28.2	17.3	7.7	0.0
17.5°	80.6	61.5	44.1	28.6	17.5	7.8	0.0
15°	82.1	62.6	45.0	29.0	17.8	7.9	0.0
12.5°	83.4	63.6	45.7	29.3	18.0	8.0	0.0
10°	84.5	64.4	46.2	29.5	18.2	8.1	0.0
7.5°	85.3	65.0	46.7	29.7	18.3	8.1	0.0
5°	85.9	65.4	47.0	29.8	18.4	8.2	0.0
2.5°	86.3	65.7	47.2	29.8	18.5	8.2	0.0
0°	86.4	65.8	47.3	29.8	18.5	8.2	0.0
-2.5°	86.3	65.7	47.2	29.8	18.5	8.2	0.0
-5°	85.9	65.4	47.0	29.8	18.4	8.2	0.0
-7.5°	85.3	65.0	46.7	29.7	18.3	8.1	0.0
-10°	84.5	64.4	46.2	29.5	18.2	8.1	0.0
-12.5°	83.4	63.6	45.7	29.3	18.0	8.0	0.0
-15°	82.1	62.6	45.0	29.0	17.8	7.9	0.0
-17.5°	80.6	61.5	44.1	28.6	17.5	7.8	0.0
-20°	78.8	60.1	43.2	28.2	17.3	7.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.9	58.7	42.2	27.7	16.9	7.6	0.0
-25°	74.7	57.0	41.0	27.1	16.6	7.4	0.0
-27.5°	72.4	55.2	39.7	26.4	16.2	7.3	0.0
-30°	69.8	53.3	38.4	25.7	15.7	7.1	0.0
-32.5°	67.0	51.2	36.9	24.9	15.3	6.9	0.0
-35°	64.2	48.9	35.3	24.0	14.8	6.7	0.0
-37.5°	61.3	46.6	33.6	23.1	14.2	6.5	0.0
-40°	58.2	44.3	31.8	22.1	13.7	6.3	0.0
-42.5°	54.9	41.9	30.1	21.1	13.1	6.0	0.0
-45°	51.5	39.4	28.6	19.9	12.5	5.8	0.0
-47.5°	47.8	36.8	27.0	18.7	11.8	5.5	0.0
-50°	44.5	34.1	25.3	17.7	11.1	5.3	0.0
-52.5°	41.1	31.3	23.6	16.6	10.4	5.0	0.0
-55°	37.6	28.9	21.8	15.5	9.7	4.7	0.0
-57.5°	34.1	26.6	19.9	14.3	9.0	4.4	0.0
-60°	30.5	24.2	18.1	13.2	8.2	4.1	0.0
-62.5°	27.5	21.7	16.5	12.0	7.6	3.8	0.0
-65°	24.4	19.1	14.8	10.7	6.9	3.5	0.0
-67.5°	21.2	16.8	13.2	9.5	6.3	3.1	0.0
-70°	18.0	14.7	11.5	8.2	5.6	2.8	0.0
-72.5°	15.4	12.6	9.8	7.2	4.9	2.5	0.0
-75°	12.8	10.4	8.0	6.2	4.2	2.1	0.0
-77.5°	10.2	8.2	6.7	5.2	3.5	1.8	0.0
-80°	7.5	6.4	5.3	4.1	2.8	1.4	0.0
-82.5°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
-85°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)