

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: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558688 (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-927-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

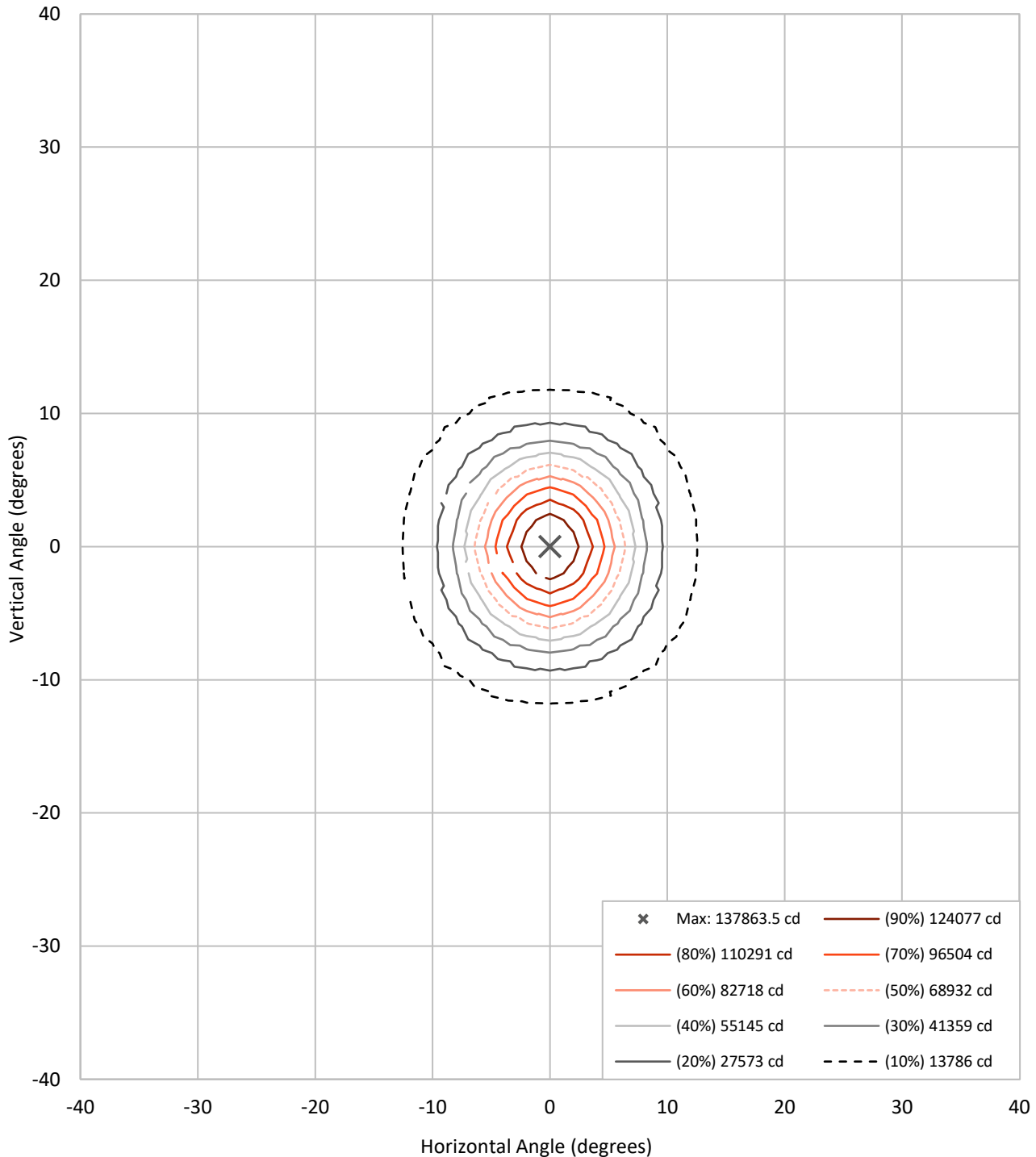
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9993.3 lumens	Max Intensity:	137863.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3157.7 lumens	Field Lumens:	6995.4 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





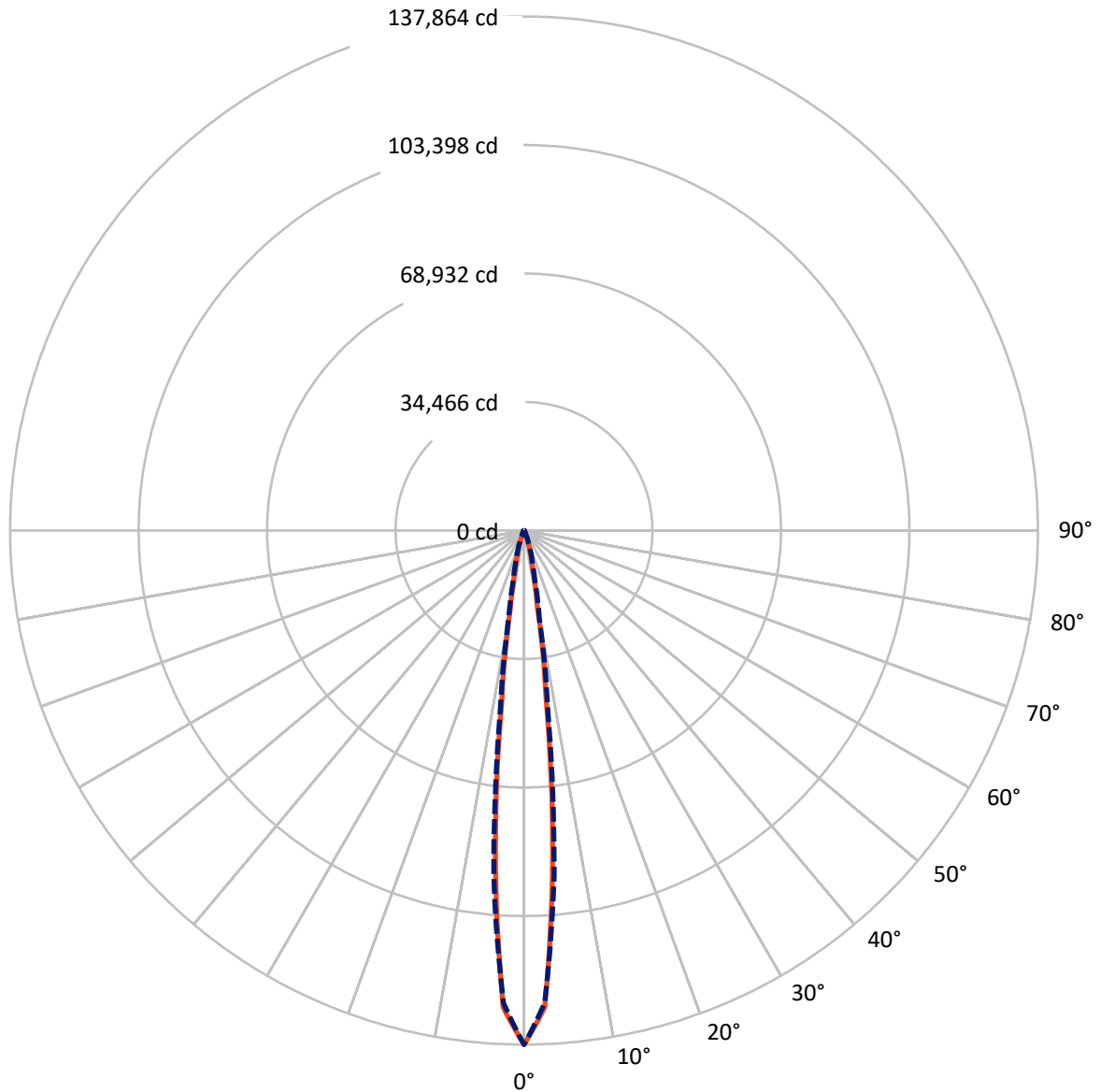
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Lumen Table

90	0.1	1.2		3.2		5.2		6.0		5.2		3.2		1.2		0.1			
80	0.1	1.2		3.2		5.2		6.0		5.2		3.2		1.2		0.1			
70	0.5	0.6	1.3	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	2.9	2.1	1.3	0.6	0.5			
60		0.9	1.9	2.9	3.8	4.5	4.9	5.1	5.1	4.9	4.5	3.8	2.9	1.9	0.9				
50	1.0	1.3	2.4	3.4	4.2	5.0	5.6	5.8	5.8	5.6	5.0	4.2	3.4	2.4	1.3	1.0			
40		1.5	2.7	3.7	4.7	6.1	7.6	8.6	8.6	7.6	6.1	4.7	3.7	2.7	1.5				
30	1.3	1.7	2.8	3.9	5.6	8.6	19.2	34.9	34.9	19.2	8.6	5.6	3.9	2.8	1.7	1.3			
20		1.7	2.9	4.1	6.6	18.6	104.8	230.5	230.5	104.8	18.6	6.6	4.1	2.9	1.7				
10	1.4	1.8	2.9	4.3	7.3	35.6	251.6	1627.3	1627.3	251.6	35.6	7.3	4.3	2.9	1.8	1.4			
0		1.8	2.9	4.3	7.3	35.6	251.6	1627.3	1627.3	251.6	35.6	7.3	4.3	2.9	1.8				
-10	1.3	1.7	2.9	4.1	6.6	18.6	104.8	230.5	230.5	104.8	18.6	6.6	4.1	2.9	1.7	1.3			
-20		1.7	2.8	3.9	5.6	8.6	19.2	34.9	34.9	19.2	8.6	5.6	3.9	2.8	1.7				
-30	1.0	1.5	2.7	3.7	4.7	6.1	7.6	8.6	8.6	7.6	6.1	4.7	3.7	2.7	1.5	1.0			
-40		1.3	2.4	3.4	4.2	5.0	5.6	5.8	5.8	5.6	5.0	4.2	3.4	2.4	1.3				
-50	0.5	0.9	1.9	2.9	3.8	4.5	4.9	5.1	5.1	4.9	4.5	3.8	2.9	1.9	0.9	0.5			
-60		0.6	1.3	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	2.9	2.1	1.3	0.6				
-70	0.1	1.2		3.2		5.2		6.0		5.2		3.2		1.2		0.1			
-80		1.2		3.2		5.2		6.0		5.2		3.2		1.2					
-90	0.1	1.2		3.2		5.2		6.0		5.2		3.2		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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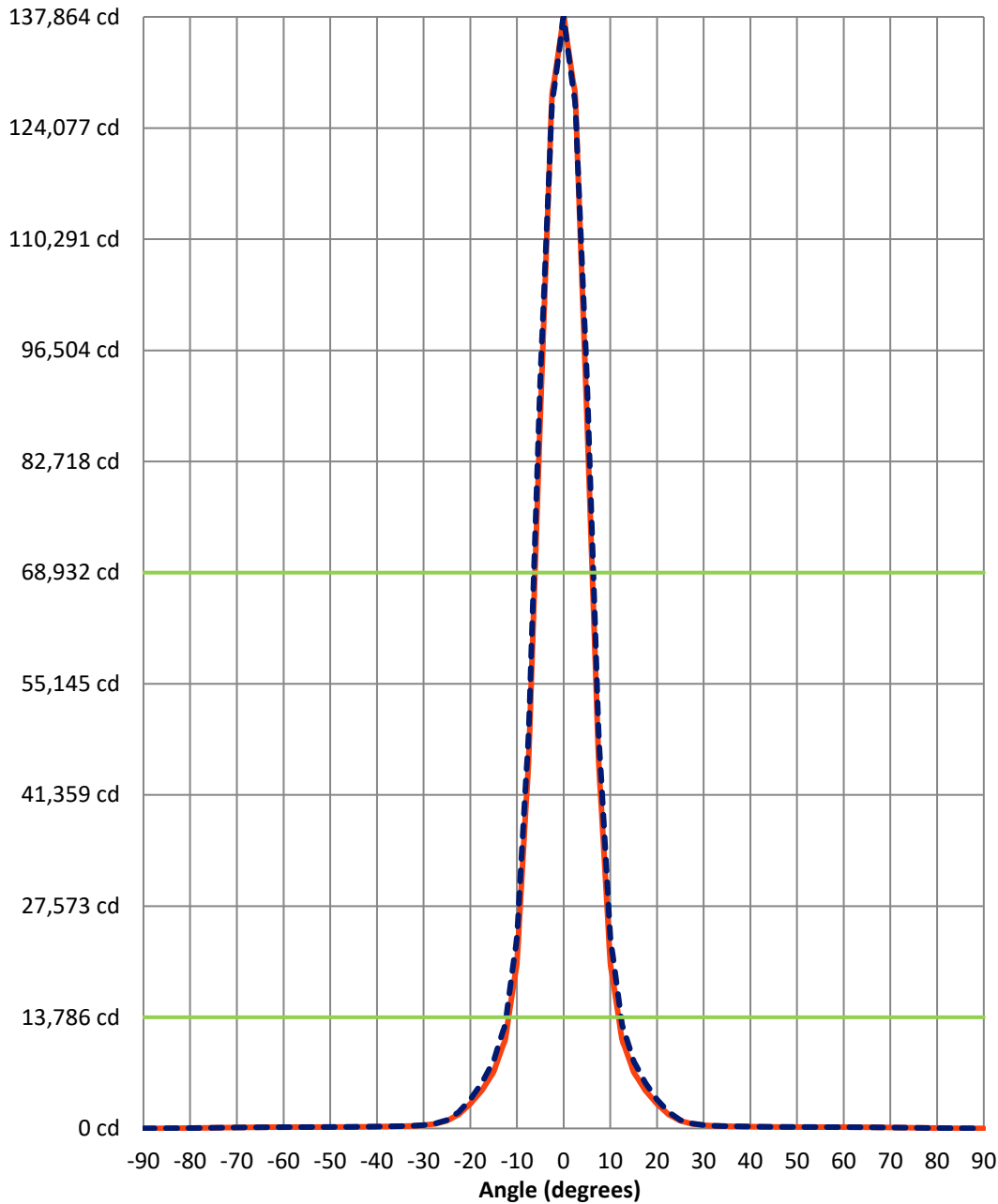
Luminous Intensity Polar Plot



— 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: 3157.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 6995.4
Efficiency: 70.0%

Spill:
Lumens: 2997.8
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	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.6	1.3	1.9	2.4	2.9	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	1.0	1.9	2.8	3.6	4.4	5.0	5.8	6.7	7.9	9.2
80°	0.0	1.3	2.6	3.7	4.8	5.8	6.8	8.4	10.0	11.7	13.5
77.5°	0.0	1.6	3.2	4.7	6.0	7.4	9.2	11.2	13.3	15.4	17.8
75°	0.0	1.9	3.8	5.6	7.3	9.4	11.5	13.9	16.6	19.5	22.3
72.5°	0.0	2.2	4.4	6.5	8.8	11.4	13.9	16.8	20.4	23.7	26.9
70°	0.0	2.5	5.1	7.4	10.4	13.3	16.3	20.2	24.2	27.9	33.1
67.5°	0.0	2.8	5.7	8.6	11.9	15.2	19.2	23.6	27.9	33.7	39.7
65°	0.0	3.1	6.2	9.7	13.4	17.3	22.0	26.9	32.8	39.3	46.2
62.5°	0.0	3.4	6.8	10.8	14.9	19.6	24.8	30.7	37.6	44.9	52.9
60°	0.0	3.7	7.4	11.9	16.3	21.8	27.5	34.7	42.2	50.8	59.5
57.5°	0.0	4.0	8.1	12.9	18.0	24.0	30.7	38.5	47.2	56.6	66.2
55°	0.0	4.2	8.8	14.0	19.7	26.1	34.0	42.3	52.2	62.3	72.8
52.5°	0.0	4.5	9.4	15.0	21.3	28.2	37.1	46.5	57.1	68.1	79.2
50°	0.0	4.8	10.0	15.9	22.8	30.8	40.2	50.7	61.9	73.7	85.6
47.5°	0.0	5.0	10.7	16.9	24.3	33.2	43.2	54.7	66.7	79.1	91.8
45°	0.0	5.2	11.2	18.0	25.8	35.6	46.5	58.5	71.4	84.6	97.8
42.5°	0.0	5.5	11.8	19.0	27.1	37.8	49.6	62.3	75.9	89.8	103.0
40°	0.0	5.7	12.3	20.0	28.7	40.0	52.5	66.1	80.2	94.8	107.8
37.5°	0.0	5.9	12.8	20.9	30.3	42.0	55.3	69.6	84.4	99.4	112.4
35°	0.0	6.1	13.3	21.7	31.8	44.1	58.0	73.0	88.4	103.2	116.6
32.5°	0.0	6.2	13.8	22.5	33.3	46.2	60.5	76.1	92.0	106.8	120.1
30°	0.0	6.4	14.2	23.2	34.6	48.1	63.0	79.1	95.4	110.2	123.5
27.5°	0.0	6.6	14.6	23.8	35.9	49.9	65.3	81.8	98.4	113.3	126.5
25°	0.0	6.7	15.0	24.4	37.0	51.5	67.5	84.3	100.9	115.9	129.3
22.5°	0.0	6.8	15.3	25.0	38.1	53.0	69.4	86.6	103.2	118.2	131.4
20°	0.0	7.0	15.6	25.4	39.0	54.3	71.1	88.6	105.2	120.2	133.4
17.5°	0.0	7.1	15.8	25.8	39.8	55.5	72.7	90.4	107.0	122.0	135.1
15°	0.0	7.1	16.1	26.2	40.6	56.5	74.1	91.9	108.5	123.5	136.6
12.5°	0.0	7.2	16.3	26.4	41.2	57.4	75.3	93.2	109.8	124.8	137.9
10°	0.0	7.3	16.4	26.7	41.7	58.1	76.3	94.2	110.8	125.8	138.9
7.5°	0.0	7.3	16.5	26.8	42.2	58.7	77.0	94.9	111.6	126.5	139.6
5°	0.0	7.4	16.6	26.9	42.5	59.1	77.6	95.4	112.1	127.0	140.0
2.5°	0.0	7.4	16.7	26.9	42.6	59.3	77.9	95.6	112.3	127.3	140.2
0°	0.0	7.4	16.7	26.9	42.6	59.3	77.9	95.6	112.3	127.3	140.2
-2.5°	0.0	7.4	16.7	26.9	42.6	59.3	77.9	95.6	112.3	127.3	140.2
-5°	0.0	7.4	16.6	26.9	42.5	59.1	77.6	95.4	112.1	127.0	140.0
-7.5°	0.0	7.3	16.5	26.8	42.2	58.7	77.0	94.9	111.6	126.5	139.6
-10°	0.0	7.3	16.4	26.7	41.7	58.1	76.3	94.2	110.8	125.8	138.9
-12.5°	0.0	7.2	16.3	26.4	41.2	57.4	75.3	93.2	109.8	124.8	137.9
-15°	0.0	7.1	16.1	26.2	40.6	56.5	74.1	91.9	108.5	123.5	136.6
-17.5°	0.0	7.1	15.8	25.8	39.8	55.5	72.7	90.4	107.0	122.0	135.1
-20°	0.0	7.0	15.6	25.4	39.0	54.3	71.1	88.6	105.2	120.2	133.4



REPORT NUMBER: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	15.3	25.0	38.1	53.0	69.4	86.6	103.2	118.2	131.4
-25°	0.0	6.7	15.0	24.4	37.0	51.5	67.5	84.3	100.9	115.9	129.3
-27.5°	0.0	6.6	14.6	23.8	35.9	49.9	65.3	81.8	98.4	113.3	126.5
-30°	0.0	6.4	14.2	23.2	34.6	48.1	63.0	79.1	95.4	110.2	123.5
-32.5°	0.0	6.2	13.8	22.5	33.3	46.2	60.5	76.1	92.0	106.8	120.1
-35°	0.0	6.1	13.3	21.7	31.8	44.1	58.0	73.0	88.4	103.2	116.6
-37.5°	0.0	5.9	12.8	20.9	30.3	42.0	55.3	69.6	84.4	99.4	112.4
-40°	0.0	5.7	12.3	20.0	28.7	40.0	52.5	66.1	80.2	94.8	107.8
-42.5°	0.0	5.5	11.8	19.0	27.1	37.8	49.6	62.3	75.9	89.8	103.0
-45°	0.0	5.2	11.2	18.0	25.8	35.6	46.5	58.5	71.4	84.6	97.8
-47.5°	0.0	5.0	10.7	16.9	24.3	33.2	43.2	54.7	66.7	79.1	91.8
-50°	0.0	4.8	10.0	15.9	22.8	30.8	40.2	50.7	61.9	73.7	85.6
-52.5°	0.0	4.5	9.4	15.0	21.3	28.2	37.1	46.5	57.1	68.1	79.2
-55°	0.0	4.2	8.8	14.0	19.7	26.1	34.0	42.3	52.2	62.3	72.8
-57.5°	0.0	4.0	8.1	12.9	18.0	24.0	30.7	38.5	47.2	56.6	66.2
-60°	0.0	3.7	7.4	11.9	16.3	21.8	27.5	34.7	42.2	50.8	59.5
-62.5°	0.0	3.4	6.8	10.8	14.9	19.6	24.8	30.7	37.6	44.9	52.9
-65°	0.0	3.1	6.2	9.7	13.4	17.3	22.0	26.9	32.8	39.3	46.2
-67.5°	0.0	2.8	5.7	8.6	11.9	15.2	19.2	23.6	27.9	33.7	39.7
-70°	0.0	2.5	5.1	7.4	10.4	13.3	16.3	20.2	24.2	27.9	33.1
-72.5°	0.0	2.2	4.4	6.5	8.8	11.4	13.9	16.8	20.4	23.7	26.9
-75°	0.0	1.9	3.8	5.6	7.3	9.4	11.5	13.9	16.6	19.5	22.3
-77.5°	0.0	1.6	3.2	4.7	6.0	7.4	9.2	11.2	13.3	15.4	17.8
-80°	0.0	1.3	2.6	3.7	4.8	5.8	6.8	8.4	10.0	11.7	13.5
-82.5°	0.0	1.0	1.9	2.8	3.6	4.4	5.0	5.8	6.7	7.9	9.2
-85°	0.0	0.6	1.3	1.9	2.4	2.9	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.2	2.5	2.7
-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°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
85°	6.0	6.5	7.1	7.7	8.3	8.7	9.2	9.6	10.1	10.7	11.2
82.5°	10.2	11.1	11.9	12.5	13.2	13.8	14.5	15.6	17.0	18.3	19.6
80°	14.7	15.8	17.2	18.9	20.6	22.3	23.8	25.4	27.0	28.8	30.7
77.5°	19.8	21.9	24.2	26.7	29.1	31.9	34.7	37.5	40.1	42.3	44.3
75°	25.0	27.9	31.8	35.6	39.3	42.9	46.6	50.2	53.3	56.2	59.1
72.5°	31.2	35.8	40.4	44.9	49.6	54.2	58.4	62.4	66.4	70.4	74.2
70°	38.5	43.8	49.4	55.0	60.4	65.5	70.4	75.5	80.4	84.9	88.9
67.5°	45.8	52.2	58.6	64.9	70.9	76.7	82.5	88.3	93.8	98.5	102.7
65°	53.4	60.5	67.6	74.5	81.0	87.8	94.3	100.7	105.9	110.2	114.4
62.5°	60.8	68.8	76.5	84.0	91.4	98.8	105.1	110.9	116.2	120.9	125.5
60°	68.3	77.0	85.4	93.7	101.5	108.2	114.7	120.5	125.9	131.1	134.9
57.5°	75.8	85.1	94.2	102.7	110.2	117.2	123.4	129.5	134.2	138.3	142.4
55°	83.0	93.1	102.5	110.8	118.4	125.1	131.4	136.5	141.2	145.1	149.1
52.5°	90.2	100.7	110.0	118.4	125.7	132.3	137.9	142.9	147.3	151.3	154.6
50°	97.2	107.5	117.1	125.1	132.4	138.6	143.8	148.7	152.9	156.5	159.5
47.5°	103.5	114.1	123.1	131.3	138.2	144.1	149.2	153.8	158.0	161.2	164.2
45°	109.3	119.7	128.9	136.7	143.5	149.1	153.9	158.7	162.2	165.3	167.7
42.5°	114.8	125.0	134.0	142.0	148.0	153.4	158.3	162.4	166.0	168.8	171.3
40°	119.6	130.0	138.6	146.0	152.1	157.2	161.7	165.9	169.4	172.1	174.8
37.5°	124.0	134.1	142.9	149.7	155.4	160.4	165.0	168.8	172.3	175.2	178.8
35°	128.3	138.0	146.1	152.8	158.3	163.3	167.7	171.6	175.0	179.0	183.2
32.5°	131.9	141.7	149.2	155.3	160.8	165.9	170.2	174.2	178.1	182.6	187.8
30°	135.0	144.5	151.9	157.6	163.1	167.8	172.5	176.8	181.1	186.5	193.3
27.5°	137.8	146.9	153.9	159.6	165.1	169.6	174.4	179.3	184.4	190.7	199.3
25°	140.5	149.2	155.6	161.4	166.5	171.2	176.2	181.2	187.5	195.9	207.1
22.5°	142.6	151.3	157.1	163.0	167.7	172.6	177.8	183.4	190.6	200.7	215.3
20°	144.3	152.6	158.3	164.2	168.7	173.9	179.2	185.3	193.9	207.0	224.0
17.5°	145.9	153.6	159.4	164.9	169.6	175.0	180.5	186.7	196.6	212.9	231.9
15°	147.3	154.5	160.3	165.5	170.5	175.9	181.6	188.8	200.2	218.6	239.1
12.5°	148.5	155.2	160.9	166.0	171.1	176.4	182.5	190.5	204.1	223.9	246.2
10°	149.5	155.8	161.4	166.3	171.6	176.8	183.2	191.6	206.8	227.0	250.5
7.5°	150.1	156.2	161.7	166.5	171.9	176.9	183.7	192.2	208.5	228.6	252.8
5°	150.4	156.5	162.1	166.8	172.2	177.1	184.2	192.3	209.3	228.9	253.6
2.5°	150.5	156.7	162.3	167.0	172.5	177.7	185.0	193.3	209.9	230.0	254.2
0°	150.4	156.8	162.4	167.1	172.6	178.2	185.6	194.0	209.8	231.1	254.3
-2.5°	150.5	156.7	162.3	167.0	172.5	177.7	185.0	193.3	209.9	230.0	254.2
-5°	150.4	156.5	162.1	166.8	172.2	177.1	184.2	192.3	209.3	228.9	253.6
-7.5°	150.1	156.2	161.7	166.5	171.9	176.9	183.7	192.2	208.5	228.6	252.8
-10°	149.5	155.8	161.4	166.3	171.6	176.8	183.2	191.6	206.8	227.0	250.5
-12.5°	148.5	155.2	160.9	166.0	171.1	176.4	182.5	190.5	204.1	223.9	246.2
-15°	147.3	154.5	160.3	165.5	170.5	175.9	181.6	188.8	200.2	218.6	239.1
-17.5°	145.9	153.6	159.4	164.9	169.6	175.0	180.5	186.7	196.6	212.9	231.9
-20°	144.3	152.6	158.3	164.2	168.7	173.9	179.2	185.3	193.9	207.0	224.0



REPORT NUMBER: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	142.6	151.3	157.1	163.0	167.7	172.6	177.8	183.4	190.6	200.7	215.3
-25°	140.5	149.2	155.6	161.4	166.5	171.2	176.2	181.2	187.5	195.9	207.1
-27.5°	137.8	146.9	153.9	159.6	165.1	169.6	174.4	179.3	184.4	190.7	199.3
-30°	135.0	144.5	151.9	157.6	163.1	167.8	172.5	176.8	181.1	186.5	193.3
-32.5°	131.9	141.7	149.2	155.3	160.8	165.9	170.2	174.2	178.1	182.6	187.8
-35°	128.3	138.0	146.1	152.8	158.3	163.3	167.7	171.6	175.0	179.0	183.2
-37.5°	124.0	134.1	142.9	149.7	155.4	160.4	165.0	168.8	172.3	175.2	178.8
-40°	119.6	130.0	138.6	146.0	152.1	157.2	161.7	165.9	169.4	172.1	174.8
-42.5°	114.8	125.0	134.0	142.0	148.0	153.4	158.3	162.4	166.0	168.8	171.3
-45°	109.3	119.7	128.9	136.7	143.5	149.1	153.9	158.7	162.2	165.3	167.7
-47.5°	103.5	114.1	123.1	131.3	138.2	144.1	149.2	153.8	158.0	161.2	164.2
-50°	97.2	107.5	117.1	125.1	132.4	138.6	143.8	148.7	152.9	156.5	159.5
-52.5°	90.2	100.7	110.0	118.4	125.7	132.3	137.9	142.9	147.3	151.3	154.6
-55°	83.0	93.1	102.5	110.8	118.4	125.1	131.4	136.5	141.2	145.1	149.1
-57.5°	75.8	85.1	94.2	102.7	110.2	117.2	123.4	129.5	134.2	138.3	142.4
-60°	68.3	77.0	85.4	93.7	101.5	108.2	114.7	120.5	125.9	131.1	134.9
-62.5°	60.8	68.8	76.5	84.0	91.4	98.8	105.1	110.9	116.2	120.9	125.5
-65°	53.4	60.5	67.6	74.5	81.0	87.8	94.3	100.7	105.9	110.2	114.4
-67.5°	45.8	52.2	58.6	64.9	70.9	76.7	82.5	88.3	93.8	98.5	102.7
-70°	38.5	43.8	49.4	55.0	60.4	65.5	70.4	75.5	80.4	84.9	88.9
-72.5°	31.2	35.8	40.4	44.9	49.6	54.2	58.4	62.4	66.4	70.4	74.2
-75°	25.0	27.9	31.8	35.6	39.3	42.9	46.6	50.2	53.3	56.2	59.1
-77.5°	19.8	21.9	24.2	26.7	29.1	31.9	34.7	37.5	40.1	42.3	44.3
-80°	14.7	15.8	17.2	18.9	20.6	22.3	23.8	25.4	27.0	28.8	30.7
-82.5°	10.2	11.1	11.9	12.5	13.2	13.8	14.5	15.6	17.0	18.3	19.6
-85°	6.0	6.5	7.1	7.7	8.3	8.7	9.2	9.6	10.1	10.7	11.2
-87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-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: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	5.3	5.3	5.2	5.2	5.1	5.2	5.3	5.3	5.4	5.5	5.5
85°	11.8	12.3	12.8	13.3	13.9	14.2	14.6	14.9	15.1	15.3	15.5
82.5°	20.7	21.8	22.7	23.6	24.4	25.0	25.6	26.1	26.6	26.9	27.3
80°	32.3	34.0	35.5	36.9	38.2	39.2	40.1	40.8	41.4	42.1	42.6
77.5°	46.3	48.5	50.6	52.6	54.3	55.7	57.0	58.1	59.0	60.1	61.2
75°	62.0	64.7	67.2	69.4	71.5	73.3	75.0	76.4	77.7	78.9	79.9
72.5°	77.7	81.0	83.8	86.2	88.4	90.5	92.6	94.6	96.4	97.7	98.7
70°	92.6	95.9	98.9	101.7	104.2	106.9	109.6	112.0	114.3	115.8	116.6
67.5°	106.2	109.6	113.0	116.4	119.5	122.2	124.9	127.4	129.6	131.1	132.0
65°	118.4	122.1	125.9	129.4	132.6	135.0	137.4	139.7	141.9	143.6	144.9
62.5°	129.9	133.6	136.7	139.7	142.5	144.8	147.2	149.3	151.2	152.9	154.4
60°	138.7	142.4	145.5	148.2	150.8	153.1	155.0	156.6	157.9	158.9	159.9
57.5°	146.2	149.8	152.9	155.1	157.4	159.7	161.3	162.3	163.0	163.6	164.0
55°	152.7	155.6	158.1	160.6	162.9	164.8	166.2	166.9	167.3	167.5	167.7
52.5°	157.9	160.7	163.3	165.7	167.4	169.1	170.5	170.9	171.1	171.2	171.2
50°	162.6	165.4	167.5	169.4	171.3	172.8	174.0	174.5	174.9	174.9	174.7
47.5°	166.5	168.8	171.1	173.2	175.0	176.8	178.1	178.9	179.5	179.7	179.7
45°	169.8	172.6	175.1	177.5	179.6	181.8	183.7	185.0	186.3	187.2	187.6
42.5°	173.8	176.6	179.4	182.7	185.7	188.6	191.8	194.5	197.4	200.5	202.6
40°	177.9	180.9	185.1	189.1	193.6	197.6	204.3	210.9	215.9	220.2	224.1
37.5°	182.5	186.9	191.9	197.1	204.4	212.0	220.4	228.6	235.7	242.2	247.4
35°	187.8	193.7	199.9	209.1	218.4	227.8	237.8	248.7	258.0	264.7	269.6
32.5°	194.3	201.7	211.7	223.4	234.8	247.0	259.1	271.3	280.4	289.8	299.3
30°	201.6	212.2	225.1	239.3	253.6	268.1	283.3	300.2	316.3	333.6	358.2
27.5°	210.8	223.8	238.9	255.7	272.9	290.2	316.7	345.7	388.8	423.1	481.5
25°	220.6	235.9	253.8	273.3	294.4	325.3	373.7	431.0	532.5	611.1	730.4
22.5°	231.6	249.5	269.4	291.8	325.7	384.1	466.9	614.0	818.5	1020.5	1245.2
20°	242.4	262.2	284.0	317.9	375.5	467.8	647.3	965.1	1320.1	1825.5	2249.7
17.5°	252.7	273.7	301.3	347.2	433.4	619.1	966.7	1511.1	2252.5	3067.3	3746.7
15°	261.6	283.2	320.4	393.1	538.7	828.0	1352.7	2279.3	3525.0	4640.5	5635.5
12.5°	269.3	294.8	341.0	430.1	630.2	1058.2	1900.0	3215.7	4737.0	6301.4	7560.6
10°	274.8	307.1	368.6	498.6	775.4	1332.3	2356.2	4015.8	5847.5	7748.9	10025.1
7.5°	278.1	315.9	389.5	549.4	905.0	1637.6	2928.4	4730.2	6833.6	9429.3	12907.0
5°	280.5	321.8	405.0	587.7	991.6	1839.3	3289.6	5271.4	7684.5	11437.6	18595.0
2.5°	281.7	324.4	413.8	608.7	1031.0	1943.0	3543.9	5581.3	8202.1	12854.4	22535.3
0°	281.2	323.0	414.9	613.5	1036.7	2022.3	3586.2	5669.8	8377.1	12981.4	23798.5
-2.5°	281.7	324.4	413.8	608.7	1031.0	1943.0	3543.9	5581.3	8202.1	12854.4	22535.3
-5°	280.5	321.8	405.0	587.7	991.6	1839.3	3289.6	5271.4	7684.5	11437.6	18595.0
-7.5°	278.1	315.9	389.5	549.4	905.0	1637.6	2928.4	4730.2	6833.6	9429.3	12907.0
-10°	274.8	307.1	368.6	498.6	775.4	1332.3	2356.2	4015.8	5847.5	7748.9	10025.1
-12.5°	269.3	294.8	341.0	430.1	630.2	1058.2	1900.0	3215.7	4737.0	6301.4	7560.6
-15°	261.6	283.2	320.4	393.1	538.7	828.0	1352.7	2279.3	3525.0	4640.5	5635.5
-17.5°	252.7	273.7	301.3	347.2	433.4	619.1	966.7	1511.1	2252.5	3067.3	3746.7
-20°	242.4	262.2	284.0	317.9	375.5	467.8	647.3	965.1	1320.1	1825.5	2249.7



REPORT NUMBER: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	231.6	249.5	269.4	291.8	325.7	384.1	466.9	614.0	818.5	1020.5	1245.2
-25°	220.6	235.9	253.8	273.3	294.4	325.3	373.7	431.0	532.5	611.1	730.4
-27.5°	210.8	223.8	238.9	255.7	272.9	290.2	316.7	345.7	388.8	423.1	481.5
-30°	201.6	212.2	225.1	239.3	253.6	268.1	283.3	300.2	316.3	333.6	358.2
-32.5°	194.3	201.7	211.7	223.4	234.8	247.0	259.1	271.3	280.4	289.8	299.3
-35°	187.8	193.7	199.9	209.1	218.4	227.8	237.8	248.7	258.0	264.7	269.6
-37.5°	182.5	186.9	191.9	197.1	204.4	212.0	220.4	228.6	235.7	242.2	247.4
-40°	177.9	180.9	185.1	189.1	193.6	197.6	204.3	210.9	215.9	220.2	224.1
-42.5°	173.8	176.6	179.4	182.7	185.7	188.6	191.8	194.5	197.4	200.5	202.6
-45°	169.8	172.6	175.1	177.5	179.6	181.8	183.7	185.0	186.3	187.2	187.6
-47.5°	166.5	168.8	171.1	173.2	175.0	176.8	178.1	178.9	179.5	179.7	179.7
-50°	162.6	165.4	167.5	169.4	171.3	172.8	174.0	174.5	174.9	174.9	174.7
-52.5°	157.9	160.7	163.3	165.7	167.4	169.1	170.5	170.9	171.1	171.2	171.2
-55°	152.7	155.6	158.1	160.6	162.9	164.8	166.2	166.9	167.3	167.5	167.7
-57.5°	146.2	149.8	152.9	155.1	157.4	159.7	161.3	162.3	163.0	163.6	164.0
-60°	138.7	142.4	145.5	148.2	150.8	153.1	155.0	156.6	157.9	158.9	159.9
-62.5°	129.9	133.6	136.7	139.7	142.5	144.8	147.2	149.3	151.2	152.9	154.4
-65°	118.4	122.1	125.9	129.4	132.6	135.0	137.4	139.7	141.9	143.6	144.9
-67.5°	106.2	109.6	113.0	116.4	119.5	122.2	124.9	127.4	129.6	131.1	132.0
-70°	92.6	95.9	98.9	101.7	104.2	106.9	109.6	112.0	114.3	115.8	116.6
-72.5°	77.7	81.0	83.8	86.2	88.4	90.5	92.6	94.6	96.4	97.7	98.7
-75°	62.0	64.7	67.2	69.4	71.5	73.3	75.0	76.4	77.7	78.9	79.9
-77.5°	46.3	48.5	50.6	52.6	54.3	55.7	57.0	58.1	59.0	60.1	61.2
-80°	32.3	34.0	35.5	36.9	38.2	39.2	40.1	40.8	41.4	42.1	42.6
-82.5°	20.7	21.8	22.7	23.6	24.4	25.0	25.6	26.1	26.6	26.9	27.3
-85°	11.8	12.3	12.8	13.3	13.9	14.2	14.6	14.9	15.1	15.3	15.5
-87.5°	5.3	5.3	5.2	5.2	5.1	5.2	5.3	5.3	5.4	5.5	5.5
-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: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
85°	15.6	15.7	15.8	15.8	15.8	15.7	15.6	15.5	15.3	15.1	14.9
82.5°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.3	26.9	26.6	26.1
80°	43.1	43.4	43.5	43.6	43.5	43.4	43.1	42.6	42.1	41.4	40.8
77.5°	62.0	62.7	63.0	63.1	63.0	62.7	62.0	61.2	60.1	59.0	58.1
75°	80.7	81.3	81.6	81.7	81.6	81.3	80.7	79.9	78.9	77.7	76.4
72.5°	99.3	99.7	100.5	101.2	100.5	99.7	99.3	98.7	97.7	96.4	94.6
70°	117.2	117.4	118.2	118.8	118.2	117.4	117.2	116.6	115.8	114.3	112.0
67.5°	132.7	133.1	133.1	132.7	133.1	133.1	132.7	132.0	131.1	129.6	127.4
65°	146.1	147.0	147.0	146.6	147.0	147.0	146.1	144.9	143.6	141.9	139.7
62.5°	155.9	157.2	157.7	157.8	157.7	157.2	155.9	154.4	152.9	151.2	149.3
60°	160.7	161.2	161.5	161.5	161.5	161.2	160.7	159.9	158.9	157.9	156.6
57.5°	164.2	164.2	164.3	164.3	164.3	164.2	164.2	164.0	163.6	163.0	162.3
55°	167.9	167.9	167.6	167.1	167.6	167.9	167.9	167.7	167.5	167.3	166.9
52.5°	171.1	170.8	170.4	169.8	170.4	170.8	171.1	171.2	171.2	171.1	170.9
50°	174.4	173.8	173.5	173.6	173.5	173.8	174.4	174.7	174.9	174.9	174.5
47.5°	179.5	179.2	179.0	179.1	179.0	179.2	179.5	179.7	179.7	179.5	178.9
45°	187.8	187.5	187.3	187.5	187.3	187.5	187.8	187.6	187.2	186.3	185.0
42.5°	203.8	203.9	203.8	204.2	203.8	203.9	203.8	202.6	200.5	197.4	194.5
40°	225.6	225.5	224.8	224.6	224.8	225.5	225.6	224.1	220.2	215.9	210.9
37.5°	249.6	249.6	248.8	248.7	248.8	249.6	249.6	247.4	242.2	235.7	228.6
35°	272.1	273.0	272.8	271.9	272.8	273.0	272.1	269.6	264.7	258.0	248.7
32.5°	306.0	311.2	314.0	312.8	314.0	311.2	306.0	299.3	289.8	280.4	271.3
30°	373.8	387.1	394.1	397.2	394.1	387.1	373.8	358.2	333.6	316.3	300.2
27.5°	523.3	552.7	566.0	570.8	566.0	552.7	523.3	481.5	423.1	388.8	345.7
25°	834.7	901.3	934.2	944.8	934.2	901.3	834.7	730.4	611.1	532.5	431.0
22.5°	1492.6	1620.9	1708.7	1728.1	1708.7	1620.9	1492.6	1245.2	1020.5	818.5	614.0
20°	2676.2	2924.5	3059.1	3047.0	3059.1	2924.5	2676.2	2249.7	1825.5	1320.1	965.1
17.5°	4324.2	4642.4	4794.0	4723.1	4794.0	4642.4	4324.2	3746.7	3067.3	2252.5	1511.1
15°	6339.1	6769.1	6956.6	7014.6	6956.6	6769.1	6339.1	5635.5	4640.5	3525.0	2279.3
12.5°	8817.5	10226.9	10901.0	11081.6	10901.0	10226.9	8817.5	7560.6	6301.4	4737.0	3215.7
10°	12353.3	17091.2	19909.3	20597.4	19909.3	17091.2	12353.3	10025.1	7748.9	5847.5	4015.8
7.5°	20174.0	29801.8	40587.0	45694.4	40587.0	29801.8	20174.0	12907.0	9429.3	6833.6	4730.2
5°	30765.3	53395.6	78366.9	88156.1	78366.9	53395.6	30765.3	18595.0	11437.6	7684.5	5271.4
2.5°	43640.8	80623.4	115127.5	127989.9	115127.5	80623.4	43640.8	22535.3	12854.4	8202.1	5581.3
0°	49080.6	92949.7	126845.6	137863.5	126845.6	92949.7	49080.6	23798.5	12981.4	8377.1	5669.8
-2.5°	43640.8	80623.4	115127.5	127989.8	115127.5	80623.4	43640.8	22535.3	12854.4	8202.1	5581.3
-5°	30765.3	53395.6	78366.9	88156.1	78366.9	53395.6	30765.3	18595.0	11437.6	7684.5	5271.4
-7.5°	20174.0	29801.8	40587.0	45694.4	40587.0	29801.8	20174.0	12907.0	9429.3	6833.6	4730.2
-10°	12353.3	17091.2	19909.3	20597.4	19909.3	17091.2	12353.3	10025.1	7748.9	5847.5	4015.8
-12.5°	8817.5	10226.9	10901.0	11081.6	10901.0	10226.9	8817.5	7560.6	6301.4	4737.0	3215.7
-15°	6339.1	6769.1	6956.6	7014.6	6956.6	6769.1	6339.1	5635.5	4640.5	3525.0	2279.3
-17.5°	4324.2	4642.4	4794.0	4723.1	4794.0	4642.4	4324.2	3746.7	3067.3	2252.5	1511.1
-20°	2676.2	2924.5	3059.1	3047.0	3059.1	2924.5	2676.2	2249.7	1825.5	1320.1	965.1



REPORT NUMBER: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	1492.6	1620.9	1708.7	1728.1	1708.7	1620.9	1492.6	1245.2	1020.5	818.5	614.0
-25°	834.7	901.3	934.2	944.8	934.2	901.3	834.7	730.4	611.1	532.5	431.0
-27.5°	523.3	552.7	566.0	570.8	566.0	552.7	523.3	481.5	423.1	388.8	345.7
-30°	373.8	387.1	394.1	397.2	394.1	387.1	373.8	358.2	333.6	316.3	300.2
-32.5°	306.0	311.2	314.0	312.8	314.0	311.2	306.0	299.3	289.8	280.4	271.3
-35°	272.1	273.0	272.8	271.9	272.8	273.0	272.1	269.6	264.7	258.0	248.7
-37.5°	249.6	249.6	248.8	248.7	248.8	249.6	249.6	247.4	242.2	235.7	228.6
-40°	225.6	225.5	224.8	224.6	224.8	225.5	225.6	224.1	220.2	215.9	210.9
-42.5°	203.8	203.9	203.8	204.2	203.8	203.9	203.8	202.6	200.5	197.4	194.5
-45°	187.8	187.5	187.3	187.5	187.3	187.5	187.8	187.6	187.2	186.3	185.0
-47.5°	179.5	179.2	179.0	179.1	179.0	179.2	179.5	179.7	179.7	179.5	178.9
-50°	174.4	173.8	173.5	173.6	173.5	173.8	174.4	174.7	174.9	174.9	174.5
-52.5°	171.1	170.8	170.4	169.8	170.4	170.8	171.1	171.2	171.2	171.1	170.9
-55°	167.9	167.9	167.6	167.1	167.6	167.9	167.9	167.7	167.5	167.3	166.9
-57.5°	164.2	164.2	164.3	164.3	164.3	164.2	164.2	164.0	163.6	163.0	162.3
-60°	160.7	161.2	161.5	161.5	161.5	161.2	160.7	159.9	158.9	157.9	156.6
-62.5°	155.9	157.2	157.7	157.8	157.7	157.2	155.9	154.4	152.9	151.2	149.3
-65°	146.1	147.0	147.0	146.6	147.0	147.0	146.1	144.9	143.6	141.9	139.7
-67.5°	132.7	133.1	133.1	132.7	133.1	133.1	132.7	132.0	131.1	129.6	127.4
-70°	117.2	117.4	118.2	118.8	118.2	117.4	117.2	116.6	115.8	114.3	112.0
-72.5°	99.3	99.7	100.5	101.2	100.5	99.7	99.3	98.7	97.7	96.4	94.6
-75°	80.7	81.3	81.6	81.7	81.6	81.3	80.7	79.9	78.9	77.7	76.4
-77.5°	62.0	62.7	63.0	63.1	63.0	62.7	62.0	61.2	60.1	59.0	58.1
-80°	43.1	43.4	43.5	43.6	43.5	43.4	43.1	42.6	42.1	41.4	40.8
-82.5°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.3	26.9	26.6	26.1
-85°	15.6	15.7	15.8	15.8	15.8	15.7	15.6	15.5	15.3	15.1	14.9
-87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3
-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: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	5.3	5.2	5.1	5.2	5.2	5.3	5.3	5.2	5.0	4.8	4.6
85°	14.6	14.2	13.9	13.3	12.8	12.3	11.8	11.2	10.7	10.1	9.6
82.5°	25.6	25.0	24.4	23.6	22.7	21.8	20.7	19.6	18.3	17.0	15.6
80°	40.1	39.2	38.2	36.9	35.5	34.0	32.3	30.7	28.8	27.0	25.4
77.5°	57.0	55.7	54.3	52.6	50.6	48.5	46.3	44.3	42.3	40.1	37.5
75°	75.0	73.3	71.5	69.4	67.2	64.7	62.0	59.1	56.2	53.3	50.2
72.5°	92.6	90.5	88.4	86.2	83.8	81.0	77.7	74.2	70.4	66.4	62.4
70°	109.6	106.9	104.2	101.7	98.9	95.9	92.6	88.9	84.9	80.4	75.5
67.5°	124.9	122.2	119.5	116.4	113.0	109.6	106.2	102.7	98.5	93.8	88.3
65°	137.4	135.0	132.6	129.4	125.9	122.1	118.4	114.4	110.2	105.9	100.7
62.5°	147.2	144.8	142.5	139.7	136.7	133.6	129.9	125.5	120.9	116.2	110.9
60°	155.0	153.1	150.8	148.2	145.5	142.4	138.7	134.9	131.1	125.9	120.5
57.5°	161.3	159.7	157.4	155.1	152.9	149.8	146.2	142.4	138.3	134.2	129.5
55°	166.2	164.8	162.9	160.6	158.1	155.6	152.7	149.1	145.1	141.2	136.5
52.5°	170.5	169.1	167.4	165.7	163.3	160.7	157.9	154.6	151.3	147.3	142.9
50°	174.0	172.8	171.3	169.4	167.5	165.4	162.6	159.5	156.5	152.9	148.7
47.5°	178.1	176.8	175.0	173.2	171.1	168.8	166.5	164.2	161.2	158.0	153.8
45°	183.7	181.8	179.6	177.5	175.1	172.6	169.8	167.7	165.3	162.2	158.7
42.5°	191.8	188.6	185.7	182.7	179.4	176.6	173.8	171.3	168.8	166.0	162.4
40°	204.3	197.6	193.6	189.1	185.1	180.9	177.9	174.8	172.1	169.4	165.9
37.5°	220.4	212.0	204.4	197.1	191.9	186.9	182.5	178.8	175.2	172.3	168.8
35°	237.8	227.8	218.4	209.1	199.9	193.7	187.8	183.2	179.0	175.0	171.6
32.5°	259.1	247.0	234.8	223.4	211.7	201.7	194.3	187.8	182.6	178.1	174.2
30°	283.3	268.1	253.6	239.3	225.1	212.2	201.6	193.3	186.5	181.1	176.8
27.5°	316.7	290.2	272.9	255.7	238.9	223.8	210.8	199.3	190.7	184.4	179.3
25°	373.7	325.3	294.4	273.3	253.8	235.9	220.6	207.1	195.9	187.5	181.2
22.5°	466.9	384.1	325.7	291.8	269.4	249.5	231.6	215.3	200.7	190.6	183.4
20°	647.3	467.8	375.5	317.9	284.0	262.2	242.4	224.0	207.0	193.9	185.3
17.5°	966.7	619.1	433.4	347.2	301.3	273.7	252.7	231.9	212.9	196.6	186.7
15°	1352.7	828.0	538.7	393.1	320.4	283.2	261.6	239.1	218.6	200.2	188.8
12.5°	1900.0	1058.2	630.2	430.1	341.0	294.8	269.3	246.2	223.9	204.1	190.5
10°	2356.2	1332.3	775.4	498.6	368.6	307.1	274.8	250.5	227.0	206.8	191.6
7.5°	2928.4	1637.6	905.0	549.4	389.5	315.9	278.1	252.8	228.6	208.5	192.2
5°	3289.6	1839.3	991.6	587.7	405.0	321.8	280.5	253.6	228.9	209.3	192.3
2.5°	3543.9	1943.0	1031.0	608.7	413.8	324.4	281.7	254.2	230.0	209.9	193.3
0°	3586.2	2022.3	1036.7	613.5	414.9	323.0	281.2	254.3	231.1	209.8	194.0
-2.5°	3543.9	1943.0	1031.0	608.7	413.8	324.4	281.7	254.2	230.0	209.9	193.3
-5°	3289.6	1839.3	991.6	587.7	405.0	321.8	280.5	253.6	228.9	209.3	192.3
-7.5°	2928.4	1637.6	905.0	549.4	389.5	315.9	278.1	252.8	228.6	208.5	192.2
-10°	2356.2	1332.3	775.4	498.6	368.6	307.1	274.8	250.5	227.0	206.8	191.6
-12.5°	1900.0	1058.2	630.2	430.1	341.0	294.8	269.3	246.2	223.9	204.1	190.5
-15°	1352.7	828.0	538.7	393.1	320.4	283.2	261.6	239.1	218.6	200.2	188.8
-17.5°	966.7	619.1	433.4	347.2	301.3	273.7	252.7	231.9	212.9	196.6	186.7
-20°	647.3	467.8	375.5	317.9	284.0	262.2	242.4	224.0	207.0	193.9	185.3



REPORT NUMBER: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	466.9	384.1	325.7	291.8	269.4	249.5	231.6	215.3	200.7	190.6	183.4
-25°	373.7	325.3	294.4	273.3	253.8	235.9	220.6	207.1	195.9	187.5	181.2
-27.5°	316.7	290.2	272.9	255.7	238.9	223.8	210.8	199.3	190.7	184.4	179.3
-30°	283.3	268.1	253.6	239.3	225.1	212.2	201.6	193.3	186.5	181.1	176.8
-32.5°	259.1	247.0	234.8	223.4	211.7	201.7	194.3	187.8	182.6	178.1	174.2
-35°	237.8	227.8	218.4	209.1	199.9	193.7	187.8	183.2	179.0	175.0	171.6
-37.5°	220.4	212.0	204.4	197.1	191.9	186.9	182.5	178.8	175.2	172.3	168.8
-40°	204.3	197.6	193.6	189.1	185.1	180.9	177.9	174.8	172.1	169.4	165.9
-42.5°	191.8	188.6	185.7	182.7	179.4	176.6	173.8	171.3	168.8	166.0	162.4
-45°	183.7	181.8	179.6	177.5	175.1	172.6	169.8	167.7	165.3	162.2	158.7
-47.5°	178.1	176.8	175.0	173.2	171.1	168.8	166.5	164.2	161.2	158.0	153.8
-50°	174.0	172.8	171.3	169.4	167.5	165.4	162.6	159.5	156.5	152.9	148.7
-52.5°	170.5	169.1	167.4	165.7	163.3	160.7	157.9	154.6	151.3	147.3	142.9
-55°	166.2	164.8	162.9	160.6	158.1	155.6	152.7	149.1	145.1	141.2	136.5
-57.5°	161.3	159.7	157.4	155.1	152.9	149.8	146.2	142.4	138.3	134.2	129.5
-60°	155.0	153.1	150.8	148.2	145.5	142.4	138.7	134.9	131.1	125.9	120.5
-62.5°	147.2	144.8	142.5	139.7	136.7	133.6	129.9	125.5	120.9	116.2	110.9
-65°	137.4	135.0	132.6	129.4	125.9	122.1	118.4	114.4	110.2	105.9	100.7
-67.5°	124.9	122.2	119.5	116.4	113.0	109.6	106.2	102.7	98.5	93.8	88.3
-70°	109.6	106.9	104.2	101.7	98.9	95.9	92.6	88.9	84.9	80.4	75.5
-72.5°	92.6	90.5	88.4	86.2	83.8	81.0	77.7	74.2	70.4	66.4	62.4
-75°	75.0	73.3	71.5	69.4	67.2	64.7	62.0	59.1	56.2	53.3	50.2
-77.5°	57.0	55.7	54.3	52.6	50.6	48.5	46.3	44.3	42.3	40.1	37.5
-80°	40.1	39.2	38.2	36.9	35.5	34.0	32.3	30.7	28.8	27.0	25.4
-82.5°	25.6	25.0	24.4	23.6	22.7	21.8	20.7	19.6	18.3	17.0	15.6
-85°	14.6	14.2	13.9	13.3	12.8	12.3	11.8	11.2	10.7	10.1	9.6
-87.5°	5.3	5.2	5.1	5.2	5.2	5.3	5.3	5.2	5.0	4.8	4.6
-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: P558688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-927-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°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	9.2	8.7	8.3	7.7	7.1	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	14.5	13.8	13.2	12.5	11.9	11.1	10.2	9.2	7.9	6.7	5.8
80°	23.8	22.3	20.6	18.9	17.2	15.8	14.7	13.5	11.7	10.0	8.4
77.5°	34.7	31.9	29.1	26.7	24.2	21.9	19.8	17.8	15.4	13.3	11.2
75°	46.6	42.9	39.3	35.6	31.8	27.9	25.0	22.3	19.5	16.6	13.9
72.5°	58.4	54.2	49.6	44.9	40.4	35.8	31.2	26.9	23.7	20.4	16.8
70°	70.4	65.5	60.4	55.0	49.4	43.8	38.5	33.1	27.9	24.2	20.2
67.5°	82.5	76.7	70.9	64.9	58.6	52.2	45.8	39.7	33.7	27.9	23.6
65°	94.3	87.8	81.0	74.5	67.6	60.5	53.4	46.2	39.3	32.8	26.9
62.5°	105.1	98.8	91.4	84.0	76.5	68.8	60.8	52.9	44.9	37.6	30.7
60°	114.7	108.2	101.5	93.7	85.4	77.0	68.3	59.5	50.8	42.2	34.7
57.5°	123.4	117.2	110.2	102.7	94.2	85.1	75.8	66.2	56.6	47.2	38.5
55°	131.4	125.1	118.4	110.8	102.5	93.1	83.0	72.8	62.3	52.2	42.3
52.5°	137.9	132.3	125.7	118.4	110.0	100.7	90.2	79.2	68.1	57.1	46.5
50°	143.8	138.6	132.4	125.1	117.1	107.5	97.2	85.6	73.7	61.9	50.7
47.5°	149.2	144.1	138.2	131.3	123.1	114.1	103.5	91.8	79.1	66.7	54.7
45°	153.9	149.1	143.5	136.7	128.9	119.7	109.3	97.8	84.6	71.4	58.5
42.5°	158.3	153.4	148.0	142.0	134.0	125.0	114.8	103.0	89.8	75.9	62.3
40°	161.7	157.2	152.1	146.0	138.6	130.0	119.6	107.8	94.8	80.2	66.1
37.5°	165.0	160.4	155.4	149.7	142.9	134.1	124.0	112.4	99.4	84.4	69.6
35°	167.7	163.3	158.3	152.8	146.1	138.0	128.3	116.6	103.2	88.4	73.0
32.5°	170.2	165.9	160.8	155.3	149.2	141.7	131.9	120.1	106.8	92.0	76.1
30°	172.5	167.8	163.1	157.6	151.9	144.5	135.0	123.5	110.2	95.4	79.1
27.5°	174.4	169.6	165.1	159.6	153.9	146.9	137.8	126.5	113.3	98.4	81.8
25°	176.2	171.2	166.5	161.4	155.6	149.2	140.5	129.3	115.9	100.9	84.3
22.5°	177.8	172.6	167.7	163.0	157.1	151.3	142.6	131.4	118.2	103.2	86.6
20°	179.2	173.9	168.7	164.2	158.3	152.6	144.3	133.4	120.2	105.2	88.6
17.5°	180.5	175.0	169.6	164.9	159.4	153.6	145.9	135.1	122.0	107.0	90.4
15°	181.6	175.9	170.5	165.5	160.3	154.5	147.3	136.6	123.5	108.5	91.9
12.5°	182.5	176.4	171.1	166.0	160.9	155.2	148.5	137.9	124.8	109.8	93.2
10°	183.2	176.8	171.6	166.3	161.4	155.8	149.5	138.9	125.8	110.8	94.2
7.5°	183.7	176.9	171.9	166.5	161.7	156.2	150.1	139.6	126.5	111.6	94.9
5°	184.2	177.1	172.2	166.8	162.1	156.5	150.4	140.0	127.0	112.1	95.4
2.5°	185.0	177.7	172.5	167.0	162.3	156.7	150.5	140.2	127.3	112.3	95.6
0°	185.6	178.2	172.6	167.1	162.4	156.8	150.4	140.1	127.2	112.3	95.6
-2.5°	185.0	177.7	172.5	167.0	162.3	156.7	150.5	140.2	127.3	112.3	95.6
-5°	184.2	177.1	172.2	166.8	162.1	156.5	150.4	140.0	127.0	112.1	95.4
-7.5°	183.7	176.9	171.9	166.5	161.7	156.2	150.1	139.6	126.5	111.6	94.9
-10°	183.2	176.8	171.6	166.3	161.4	155.8	149.5	138.9	125.8	110.8	94.2
-12.5°	182.5	176.4	171.1	166.0	160.9	155.2	148.5	137.9	124.8	109.8	93.2
-15°	181.6	175.9	170.5	165.5	160.3	154.5	147.3	136.6	123.5	108.5	91.9
-17.5°	180.5	175.0	169.6	164.9	159.4	153.6	145.9	135.1	122.0	107.0	90.4
-20°	179.2	173.9	168.7	164.2	158.3	152.6	144.3	133.4	120.2	105.2	88.6



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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°	177.8	172.6	167.7	163.0	157.1	151.3	142.6	131.4	118.2	103.2	86.6
-25°	176.2	171.2	166.5	161.4	155.6	149.2	140.5	129.3	115.9	100.9	84.3
-27.5°	174.4	169.6	165.1	159.6	153.9	146.9	137.8	126.5	113.3	98.4	81.8
-30°	172.5	167.8	163.1	157.6	151.9	144.5	135.0	123.5	110.2	95.4	79.1
-32.5°	170.2	165.9	160.8	155.3	149.2	141.7	131.9	120.1	106.8	92.0	76.1
-35°	167.7	163.3	158.3	152.8	146.1	138.0	128.3	116.6	103.2	88.4	73.0
-37.5°	165.0	160.4	155.4	149.7	142.9	134.1	124.0	112.4	99.4	84.4	69.6
-40°	161.7	157.2	152.1	146.0	138.6	130.0	119.6	107.8	94.8	80.2	66.1
-42.5°	158.3	153.4	148.0	142.0	134.0	125.0	114.8	103.0	89.8	75.9	62.3
-45°	153.9	149.1	143.5	136.7	128.9	119.7	109.3	97.8	84.6	71.4	58.5
-47.5°	149.2	144.1	138.2	131.3	123.1	114.1	103.5	91.8	79.1	66.7	54.7
-50°	143.8	138.6	132.4	125.1	117.1	107.5	97.2	85.6	73.7	61.9	50.7
-52.5°	137.9	132.3	125.7	118.4	110.0	100.7	90.2	79.2	68.1	57.1	46.5
-55°	131.4	125.1	118.4	110.8	102.5	93.1	83.0	72.8	62.3	52.2	42.3
-57.5°	123.4	117.2	110.2	102.7	94.2	85.1	75.8	66.2	56.6	47.2	38.5
-60°	114.7	108.2	101.5	93.7	85.4	77.0	68.3	59.5	50.8	42.2	34.7
-62.5°	105.1	98.8	91.4	84.0	76.5	68.8	60.8	52.9	44.9	37.6	30.7
-65°	94.3	87.8	81.0	74.5	67.6	60.5	53.4	46.2	39.3	32.8	26.9
-67.5°	82.5	76.7	70.9	64.9	58.6	52.2	45.8	39.7	33.7	27.9	23.6
-70°	70.4	65.5	60.4	55.0	49.4	43.8	38.5	33.1	27.9	24.2	20.2
-72.5°	58.4	54.2	49.6	44.9	40.4	35.8	31.2	26.9	23.7	20.4	16.8
-75°	46.6	42.9	39.3	35.6	31.8	27.9	25.0	22.3	19.5	16.6	13.9
-77.5°	34.7	31.9	29.1	26.7	24.2	21.9	19.8	17.8	15.4	13.3	11.2
-80°	23.8	22.3	20.6	18.9	17.2	15.8	14.7	13.5	11.7	10.0	8.4
-82.5°	14.5	13.8	13.2	12.5	11.9	11.1	10.2	9.2	7.9	6.7	5.8
-85°	9.2	8.7	8.3	7.7	7.1	6.5	6.0	5.5	5.0	4.4	3.9
-87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
-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):

	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°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
82.5°	5.0	4.4	3.6	2.8	1.9	1.0	0.0
80°	6.8	5.8	4.8	3.7	2.6	1.3	0.0
77.5°	9.2	7.4	6.0	4.7	3.2	1.6	0.0
75°	11.5	9.4	7.3	5.6	3.8	1.9	0.0
72.5°	13.9	11.4	8.8	6.5	4.4	2.2	0.0
70°	16.3	13.3	10.4	7.4	5.1	2.5	0.0
67.5°	19.2	15.2	11.9	8.6	5.7	2.8	0.0
65°	22.0	17.3	13.4	9.7	6.2	3.1	0.0
62.5°	24.8	19.6	14.9	10.8	6.8	3.4	0.0
60°	27.5	21.8	16.3	11.9	7.4	3.7	0.0
57.5°	30.7	24.0	18.0	12.9	8.1	4.0	0.0
55°	34.0	26.1	19.7	14.0	8.8	4.2	0.0
52.5°	37.1	28.2	21.3	15.0	9.4	4.5	0.0
50°	40.2	30.8	22.8	15.9	10.0	4.8	0.0
47.5°	43.2	33.2	24.3	16.9	10.7	5.0	0.0
45°	46.5	35.6	25.8	18.0	11.2	5.2	0.0
42.5°	49.6	37.8	27.1	19.0	11.8	5.5	0.0
40°	52.5	40.0	28.7	20.0	12.3	5.7	0.0
37.5°	55.3	42.0	30.3	20.9	12.8	5.9	0.0
35°	58.0	44.1	31.8	21.7	13.3	6.1	0.0
32.5°	60.5	46.2	33.3	22.5	13.8	6.2	0.0
30°	63.0	48.1	34.6	23.2	14.2	6.4	0.0
27.5°	65.3	49.9	35.9	23.8	14.6	6.6	0.0
25°	67.5	51.5	37.0	24.4	15.0	6.7	0.0
22.5°	69.4	53.0	38.1	25.0	15.3	6.8	0.0
20°	71.1	54.3	39.0	25.4	15.6	7.0	0.0
17.5°	72.7	55.5	39.8	25.8	15.8	7.1	0.0
15°	74.1	56.5	40.6	26.2	16.1	7.1	0.0
12.5°	75.3	57.4	41.2	26.4	16.3	7.2	0.0
10°	76.3	58.1	41.7	26.7	16.4	7.3	0.0
7.5°	77.0	58.7	42.2	26.8	16.5	7.3	0.0
5°	77.6	59.1	42.5	26.9	16.6	7.4	0.0
2.5°	77.9	59.3	42.6	26.9	16.7	7.4	0.0
0°	78.0	59.4	42.7	26.9	16.7	7.4	0.0
-2.5°	77.9	59.3	42.6	26.9	16.7	7.4	0.0
-5°	77.6	59.1	42.5	26.9	16.6	7.4	0.0
-7.5°	77.0	58.7	42.2	26.8	16.5	7.3	0.0
-10°	76.3	58.1	41.7	26.7	16.4	7.3	0.0
-12.5°	75.3	57.4	41.2	26.4	16.3	7.2	0.0
-15°	74.1	56.5	40.6	26.2	16.1	7.1	0.0
-17.5°	72.7	55.5	39.8	25.8	15.8	7.1	0.0
-20°	71.1	54.3	39.0	25.4	15.6	7.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.4	53.0	38.1	25.0	15.3	6.8	0.0
-25°	67.5	51.5	37.0	24.4	15.0	6.7	0.0
-27.5°	65.3	49.9	35.9	23.8	14.6	6.6	0.0
-30°	63.0	48.1	34.6	23.2	14.2	6.4	0.0
-32.5°	60.5	46.2	33.3	22.5	13.8	6.2	0.0
-35°	58.0	44.1	31.8	21.7	13.3	6.1	0.0
-37.5°	55.3	42.0	30.3	20.9	12.8	5.9	0.0
-40°	52.5	40.0	28.7	20.0	12.3	5.7	0.0
-42.5°	49.6	37.8	27.1	19.0	11.8	5.5	0.0
-45°	46.5	35.6	25.8	18.0	11.2	5.2	0.0
-47.5°	43.2	33.2	24.3	16.9	10.7	5.0	0.0
-50°	40.2	30.8	22.8	15.9	10.0	4.8	0.0
-52.5°	37.1	28.2	21.3	15.0	9.4	4.5	0.0
-55°	34.0	26.1	19.7	14.0	8.8	4.2	0.0
-57.5°	30.7	24.0	18.0	12.9	8.1	4.0	0.0
-60°	27.5	21.8	16.3	11.9	7.4	3.7	0.0
-62.5°	24.8	19.6	14.9	10.8	6.8	3.4	0.0
-65°	22.0	17.3	13.4	9.7	6.2	3.1	0.0
-67.5°	19.2	15.2	11.9	8.6	5.7	2.8	0.0
-70°	16.3	13.3	10.4	7.4	5.1	2.5	0.0
-72.5°	13.9	11.4	8.8	6.5	4.4	2.2	0.0
-75°	11.5	9.4	7.3	5.6	3.8	1.9	0.0
-77.5°	9.2	7.4	6.0	4.7	3.2	1.6	0.0
-80°	6.8	5.8	4.8	3.7	2.6	1.3	0.0
-82.5°	5.0	4.4	3.6	2.8	1.9	1.0	0.0
-85°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
-87.5°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)