

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: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558760 (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-SA3B-930-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

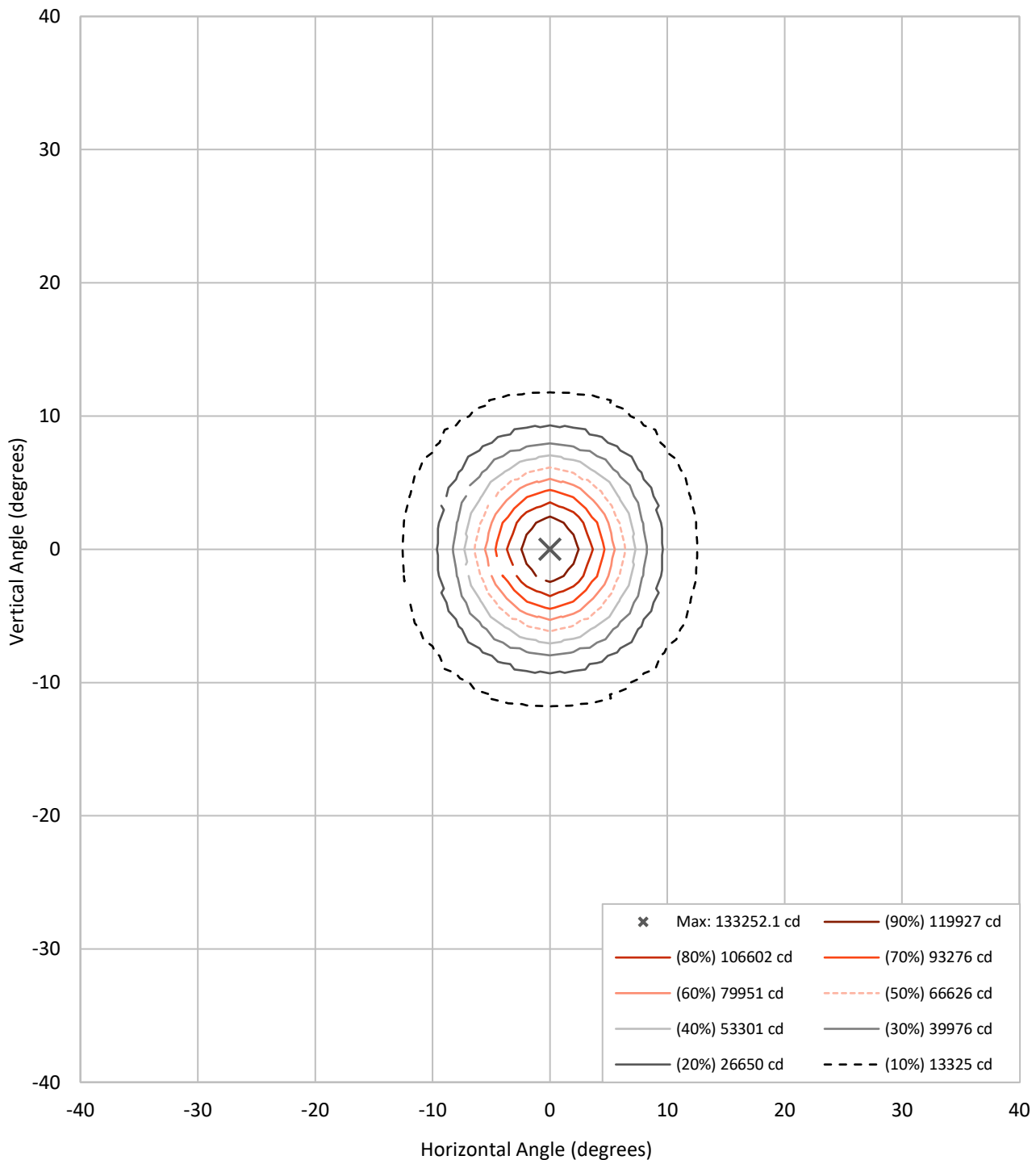
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9659 lumens	Max Intensity:	133252.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3052.1 lumens	Field Lumens:	6761.4 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 91
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



REPORT NUMBER: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





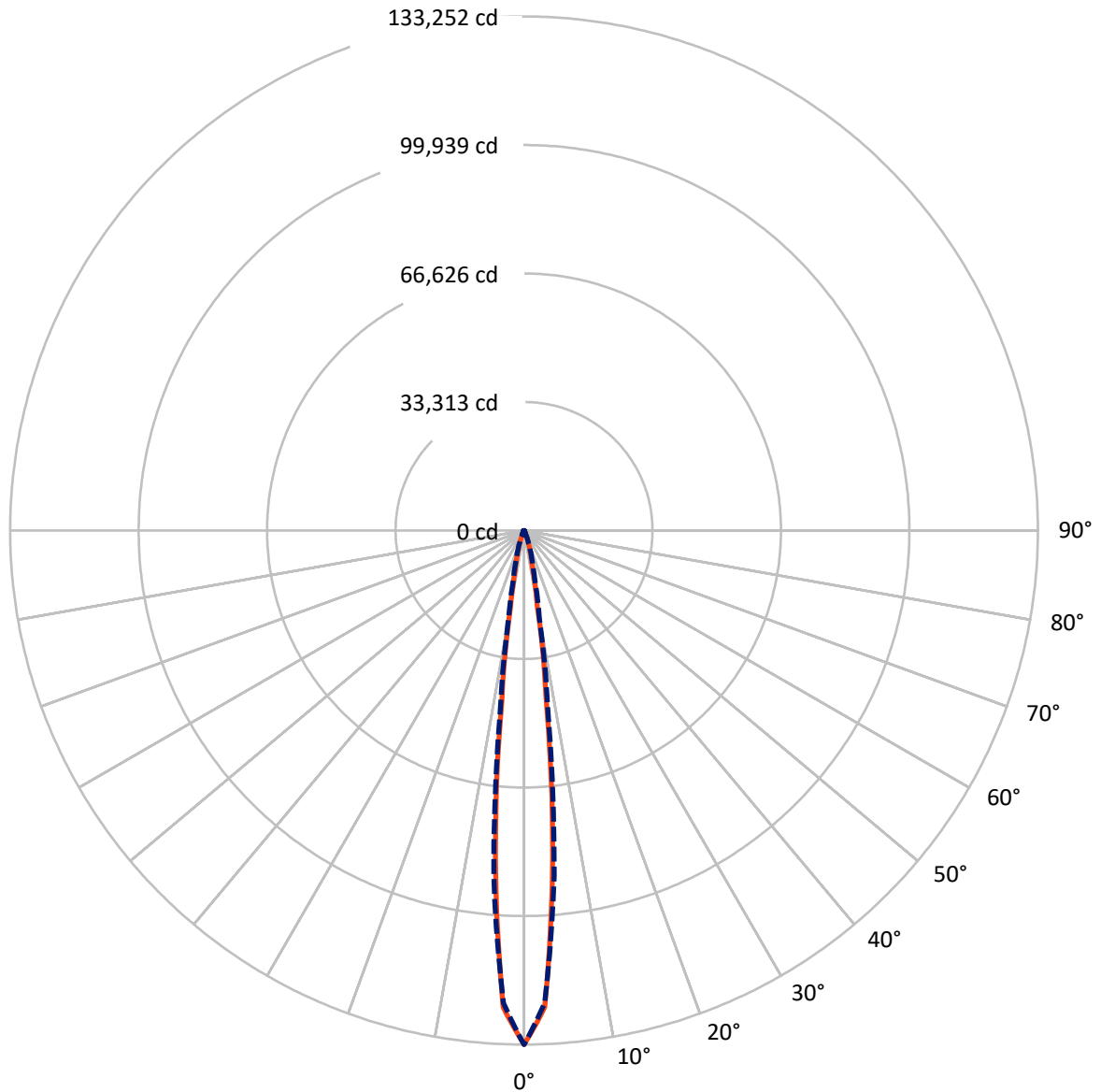
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Lumen Table

90	0.1	1.1		3.1		5.0		5.8		5.0		3.1		1.1		0.1			
80	0.1	1.1		3.1		5.0		5.8		5.0		3.1		1.1		0.1			
70	0.5	0.6	1.3	2.1	2.8	3.5	4.0	4.2	4.2	4.0	3.5	2.8	2.1	1.3	0.6	0.5			
60		0.9	1.9	2.8	3.7	4.3	4.7	4.9	4.9	4.7	4.3	3.7	2.8	1.9	0.9				
50	0.9	1.2	2.3	3.3	4.1	4.8	5.4	5.6	5.6	5.4	4.8	4.1	3.3	2.3	1.2	0.9			
40		1.4	2.6	3.6	4.6	5.9	7.4	8.3	8.3	7.4	5.9	4.6	3.6	2.6	1.4				
30	1.2	1.6	2.7	3.8	5.4	8.3	18.5	33.7	33.7	18.5	8.3	5.4	3.8	2.7	1.6	1.2			
20		1.7	2.8	4.0	6.4	17.9	101.3	222.8	222.8	101.3	17.9	6.4	4.0	2.8	1.7				
10	1.4	1.7	2.8	4.1	7.1	34.4	243.1	1572.9	1572.9	243.1	34.4	7.1	4.1	2.8	1.7	1.4			
0		1.7	2.8	4.1	7.1	34.4	243.1	1572.9	1572.9	243.1	34.4	7.1	4.1	2.8	1.7				
-10	1.2	1.7	2.8	4.0	6.4	17.9	101.3	222.8	222.8	101.3	17.9	6.4	4.0	2.8	1.7	1.2			
-20		1.6	2.7	3.8	5.4	8.3	18.5	33.7	33.7	18.5	8.3	5.4	3.8	2.7	1.6				
-30	0.9	1.4	2.6	3.6	4.6	5.9	7.4	8.3	8.3	7.4	5.9	4.6	3.6	2.6	1.4	0.9			
-40		1.2	2.3	3.3	4.1	4.8	5.4	5.6	5.6	5.4	4.8	4.1	3.3	2.3	1.2				
-50	0.5	0.9	1.9	2.8	3.7	4.3	4.7	4.9	4.9	4.7	4.3	3.7	2.8	1.9	0.9	0.5			
-60		0.6	1.3	2.1	2.8	3.5	4.0	4.2	4.2	4.0	3.5	2.8	2.1	1.3	0.6				
-70	0.1	1.1		3.1		5.0		5.8		5.0		3.1		1.1		0.1			
-80		1.1		3.1		5.0		5.8		5.0		3.1		1.1					
-90	0.1	1.1		3.1		5.0		5.8		5.0		3.1		1.1		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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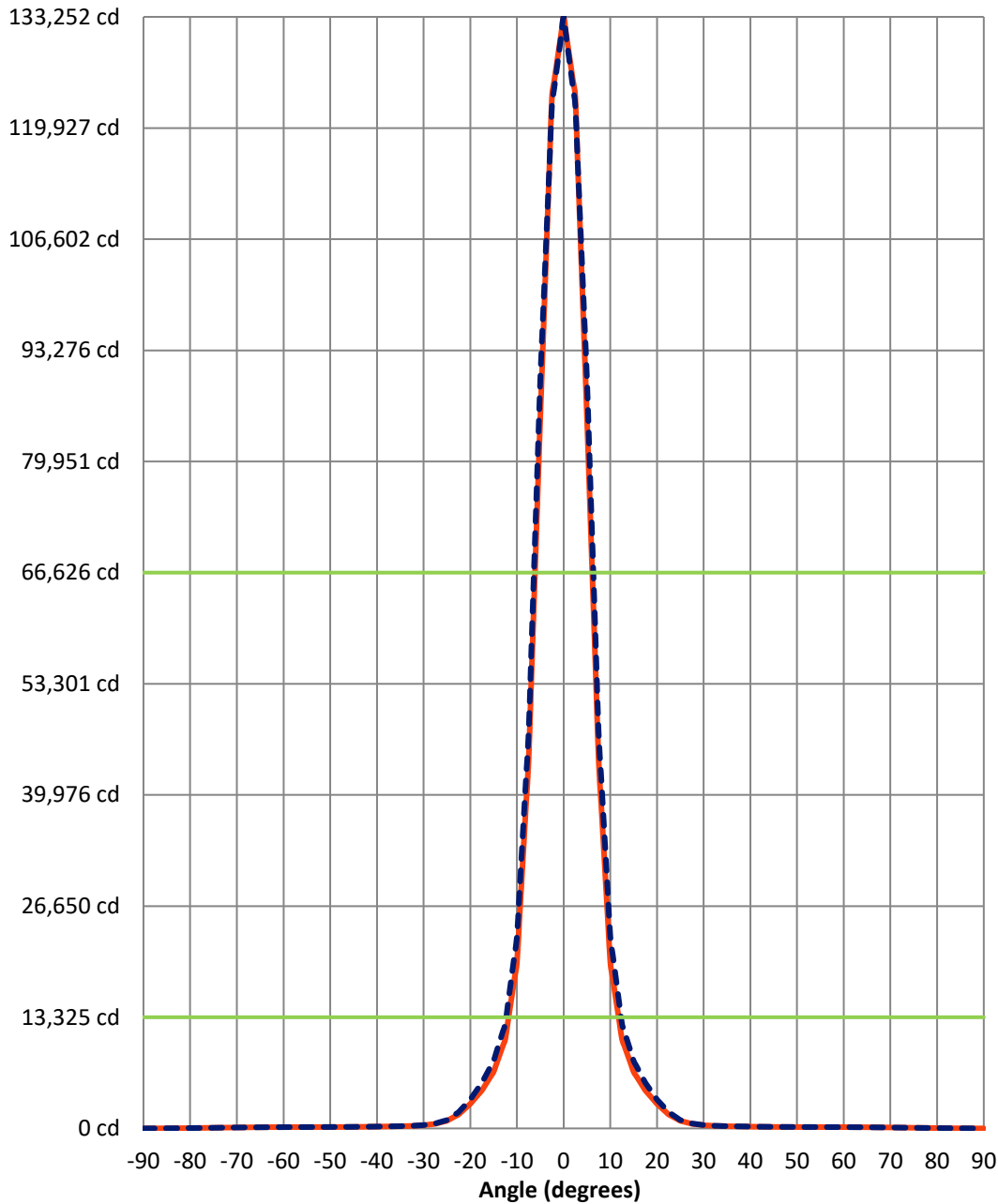
Luminous Intensity Polar Plot



— 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: 3052.1
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 6761.4
Efficiency: 70.0%

Spill:
Lumens: 2897.6
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	0.3	0.6	0.9	1.2	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.6	1.3	1.8	2.3	2.8	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	5.7	6.5	7.7	8.9
80°	0.0	1.2	2.5	3.6	4.7	5.6	6.6	8.1	9.7	11.3	13.0
77.5°	0.0	1.6	3.1	4.5	5.8	7.2	8.9	10.8	12.8	14.9	17.1
75°	0.0	1.9	3.7	5.4	7.1	9.1	11.2	13.5	16.0	18.9	21.6
72.5°	0.0	2.2	4.3	6.3	8.6	11.0	13.4	16.3	19.7	22.9	26.0
70°	0.0	2.5	4.9	7.2	10.0	12.9	15.7	19.6	23.4	27.0	32.1
67.5°	0.0	2.8	5.5	8.3	11.5	14.7	18.5	22.8	27.0	32.6	38.4
65°	0.0	3.0	6.1	9.4	12.9	16.7	21.3	26.0	31.8	38.0	44.7
62.5°	0.0	3.3	6.6	10.5	14.4	18.9	24.0	29.7	36.4	43.4	51.2
60°	0.0	3.6	7.2	11.5	15.7	21.1	26.6	33.5	40.8	49.2	57.5
57.5°	0.0	3.9	7.9	12.5	17.4	23.2	29.7	37.3	45.7	54.8	63.9
55°	0.0	4.1	8.5	13.5	19.0	25.2	32.9	40.9	50.5	60.3	70.3
52.5°	0.0	4.4	9.1	14.4	20.6	27.3	35.9	45.0	55.2	65.9	76.5
50°	0.0	4.6	9.7	15.4	22.1	29.8	38.9	49.0	59.8	71.3	82.7
47.5°	0.0	4.9	10.3	16.3	23.5	32.1	41.8	52.9	64.5	76.5	88.7
45°	0.0	5.1	10.9	17.4	24.9	34.4	44.9	56.6	69.0	81.8	94.6
42.5°	0.0	5.3	11.4	18.4	26.3	36.6	47.9	60.3	73.4	86.8	99.5
40°	0.0	5.5	11.9	19.3	27.7	38.7	50.8	63.9	77.5	91.7	104.2
37.5°	0.0	5.7	12.4	20.1	29.3	40.7	53.5	67.3	81.6	96.1	108.6
35°	0.0	5.9	12.9	21.0	30.8	42.7	56.0	70.5	85.4	99.8	112.7
32.5°	0.0	6.1	13.3	21.7	32.2	44.7	58.5	73.6	89.0	103.2	116.1
30°	0.0	6.2	13.7	22.4	33.5	46.5	60.9	76.4	92.3	106.4	119.3
27.5°	0.0	6.4	14.1	23.0	34.7	48.2	63.1	79.1	95.2	109.4	122.3
25°	0.0	6.5	14.4	23.6	35.8	49.8	65.2	81.5	97.6	112.0	125.0
22.5°	0.0	6.7	14.7	24.1	36.8	51.2	67.1	83.7	99.8	114.2	127.1
20°	0.0	6.8	15.0	24.6	37.7	52.5	68.8	85.7	101.7	116.1	128.9
17.5°	0.0	6.9	15.3	25.0	38.5	53.6	70.3	87.4	103.4	117.9	130.6
15°	0.0	7.0	15.5	25.3	39.3	54.6	71.6	88.9	104.9	119.4	132.1
12.5°	0.0	7.0	15.7	25.6	39.9	55.5	72.8	90.1	106.1	120.6	133.3
10°	0.0	7.1	15.8	25.8	40.4	56.2	73.7	91.0	107.1	121.6	134.3
7.5°	0.0	7.1	15.9	25.9	40.8	56.7	74.5	91.7	107.8	122.3	135.0
5°	0.0	7.2	16.0	26.0	41.1	57.1	75.0	92.2	108.3	122.8	135.4
2.5°	0.0	7.2	16.1	26.0	41.2	57.3	75.3	92.4	108.5	123.0	135.6
0°	0.0	7.2	16.1	26.0	41.2	57.3	75.3	92.4	108.5	123.0	135.6
-2.5°	0.0	7.2	16.1	26.0	41.2	57.3	75.3	92.4	108.5	123.0	135.6
-5°	0.0	7.2	16.0	26.0	41.1	57.1	75.0	92.2	108.3	122.8	135.4
-7.5°	0.0	7.1	15.9	25.9	40.8	56.7	74.5	91.7	107.8	122.3	135.0
-10°	0.0	7.1	15.8	25.8	40.4	56.2	73.7	91.0	107.1	121.6	134.3
-12.5°	0.0	7.0	15.7	25.6	39.9	55.5	72.8	90.1	106.1	120.6	133.3
-15°	0.0	7.0	15.5	25.3	39.3	54.6	71.6	88.9	104.9	119.4	132.1
-17.5°	0.0	6.9	15.3	25.0	38.5	53.6	70.3	87.4	103.4	117.9	130.6
-20°	0.0	6.8	15.0	24.6	37.7	52.5	68.8	85.7	101.7	116.1	128.9



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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	6.7	14.7	24.1	36.8	51.2	67.1	83.7	99.8	114.2	127.1
-25°	0.0	6.5	14.4	23.6	35.8	49.8	65.2	81.5	97.6	112.0	125.0
-27.5°	0.0	6.4	14.1	23.0	34.7	48.2	63.1	79.1	95.2	109.4	122.3
-30°	0.0	6.2	13.7	22.4	33.5	46.5	60.9	76.4	92.3	106.4	119.3
-32.5°	0.0	6.1	13.3	21.7	32.2	44.7	58.5	73.6	89.0	103.2	116.1
-35°	0.0	5.9	12.9	21.0	30.8	42.7	56.0	70.5	85.4	99.8	112.7
-37.5°	0.0	5.7	12.4	20.1	29.3	40.7	53.5	67.3	81.6	96.1	108.6
-40°	0.0	5.5	11.9	19.3	27.7	38.7	50.8	63.9	77.5	91.7	104.2
-42.5°	0.0	5.3	11.4	18.4	26.3	36.6	47.9	60.3	73.4	86.8	99.5
-45°	0.0	5.1	10.9	17.4	24.9	34.4	44.9	56.6	69.0	81.8	94.6
-47.5°	0.0	4.9	10.3	16.3	23.5	32.1	41.8	52.9	64.5	76.5	88.7
-50°	0.0	4.6	9.7	15.4	22.1	29.8	38.9	49.0	59.8	71.3	82.7
-52.5°	0.0	4.4	9.1	14.4	20.6	27.3	35.9	45.0	55.2	65.9	76.5
-55°	0.0	4.1	8.5	13.5	19.0	25.2	32.9	40.9	50.5	60.3	70.3
-57.5°	0.0	3.9	7.9	12.5	17.4	23.2	29.7	37.3	45.7	54.8	63.9
-60°	0.0	3.6	7.2	11.5	15.7	21.1	26.6	33.5	40.8	49.2	57.5
-62.5°	0.0	3.3	6.6	10.5	14.4	18.9	24.0	29.7	36.4	43.4	51.2
-65°	0.0	3.0	6.1	9.4	12.9	16.7	21.3	26.0	31.8	38.0	44.7
-67.5°	0.0	2.8	5.5	8.3	11.5	14.7	18.5	22.8	27.0	32.6	38.4
-70°	0.0	2.5	4.9	7.2	10.0	12.9	15.7	19.6	23.4	27.0	32.1
-72.5°	0.0	2.2	4.3	6.3	8.6	11.0	13.4	16.3	19.7	22.9	26.0
-75°	0.0	1.9	3.7	5.4	7.1	9.1	11.2	13.5	16.0	18.9	21.6
-77.5°	0.0	1.6	3.1	4.5	5.8	7.2	8.9	10.8	12.8	14.9	17.1
-80°	0.0	1.2	2.5	3.6	4.7	5.6	6.6	8.1	9.7	11.3	13.0
-82.5°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	5.7	6.5	7.7	8.9
-85°	0.0	0.6	1.3	1.8	2.3	2.8	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.6	1.9	2.2	2.4	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°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
85°	5.8	6.3	6.9	7.5	8.0	8.5	8.9	9.3	9.8	10.4	10.9
82.5°	9.9	10.8	11.5	12.1	12.8	13.4	14.1	15.1	16.5	17.8	19.0
80°	14.2	15.2	16.7	18.3	19.9	21.5	23.1	24.5	26.1	27.9	29.7
77.5°	19.1	21.1	23.4	25.8	28.1	30.8	33.5	36.3	38.8	41.0	42.9
75°	24.2	27.0	30.7	34.4	38.0	41.5	45.1	48.5	51.5	54.4	57.2
72.5°	30.1	34.7	39.1	43.4	48.0	52.4	56.5	60.4	64.2	68.1	71.7
70°	37.3	42.4	47.8	53.2	58.5	63.3	68.1	73.0	77.7	82.0	85.9
67.5°	44.4	50.5	56.6	62.8	68.5	74.1	79.7	85.3	90.7	95.2	99.3
65°	51.7	58.5	65.4	72.0	78.3	84.8	91.2	97.4	102.4	106.6	110.6
62.5°	58.8	66.5	74.0	81.2	88.4	95.5	101.7	107.2	112.4	116.9	121.3
60°	66.0	74.4	82.6	90.6	98.1	104.6	110.9	116.4	121.7	126.7	130.4
57.5°	73.2	82.3	91.1	99.3	106.5	113.2	119.3	125.1	129.7	133.7	137.7
55°	80.3	90.0	99.1	107.1	114.5	120.9	127.0	131.9	136.5	140.2	144.1
52.5°	87.2	97.4	106.3	114.5	121.6	127.9	133.3	138.2	142.3	146.2	149.4
50°	94.0	103.9	113.2	120.9	128.0	134.0	139.0	143.6	147.7	151.2	154.2
47.5°	100.0	110.3	119.0	127.0	133.7	139.3	144.2	148.6	152.7	155.8	158.7
45°	105.6	115.7	124.7	132.2	138.8	144.0	148.8	153.4	156.7	159.8	162.1
42.5°	111.0	120.8	129.5	137.3	143.0	148.2	153.0	157.0	160.5	163.2	165.5
40°	115.5	125.7	134.0	141.1	147.0	151.9	156.3	160.3	163.8	166.4	168.9
37.5°	119.9	129.7	138.1	144.7	150.2	155.1	159.5	163.2	166.5	169.3	172.8
35°	124.0	133.5	141.3	147.7	153.0	157.9	162.1	165.9	169.1	173.0	177.0
32.5°	127.6	137.0	144.2	150.1	155.4	160.3	164.5	168.3	172.1	176.5	181.6
30°	130.6	139.6	146.8	152.3	157.6	162.3	166.7	170.8	175.1	180.3	186.9
27.5°	133.3	142.0	148.7	154.2	159.6	163.9	168.6	173.3	178.2	184.3	192.6
25°	135.8	144.2	150.3	156.0	160.9	165.5	170.3	175.1	181.3	189.3	200.2
22.5°	137.9	146.2	151.8	157.5	162.1	166.8	171.8	177.2	184.2	194.0	208.1
20°	139.5	147.4	153.0	158.7	163.1	168.1	173.2	179.1	187.4	200.1	216.4
17.5°	141.0	148.5	154.1	159.4	164.0	169.1	174.4	180.5	190.0	205.8	224.1
15°	142.3	149.4	154.9	160.0	164.8	169.9	175.5	182.5	193.5	211.3	231.1
12.5°	143.5	150.0	155.6	160.4	165.4	170.5	176.3	184.1	197.3	216.5	238.0
10°	144.4	150.6	156.0	160.8	165.9	170.8	177.1	185.2	199.9	219.4	242.1
7.5°	145.0	151.0	156.3	160.9	166.2	170.9	177.6	185.8	201.5	221.0	244.3
5°	145.3	151.3	156.7	161.2	166.5	171.1	178.0	185.9	202.2	221.3	245.2
2.5°	145.4	151.5	156.9	161.4	166.8	171.7	178.8	186.9	202.8	222.4	245.7
0°	145.3	151.6	157.0	161.5	166.9	172.2	179.4	187.5	202.7	223.4	245.8
-2.5°	145.4	151.5	156.9	161.4	166.8	171.7	178.8	186.9	202.8	222.4	245.7
-5°	145.3	151.3	156.7	161.2	166.5	171.1	178.0	185.9	202.2	221.3	245.2
-7.5°	145.0	151.0	156.3	160.9	166.2	170.9	177.6	185.8	201.5	221.0	244.3
-10°	144.4	150.6	156.0	160.8	165.9	170.8	177.1	185.2	199.9	219.4	242.1
-12.5°	143.5	150.0	155.6	160.4	165.4	170.5	176.3	184.1	197.3	216.5	238.0
-15°	142.3	149.4	154.9	160.0	164.8	169.9	175.5	182.5	193.5	211.3	231.1
-17.5°	141.0	148.5	154.1	159.4	164.0	169.1	174.4	180.5	190.0	205.8	224.1
-20°	139.5	147.4	153.0	158.7	163.1	168.1	173.2	179.1	187.4	200.1	216.4



REPORT NUMBER: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-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°	137.9	146.2	151.8	157.5	162.1	166.8	171.8	177.2	184.2	194.0	208.1
-25°	135.8	144.2	150.3	156.0	160.9	165.5	170.3	175.1	181.3	189.3	200.2
-27.5°	133.3	142.0	148.7	154.2	159.6	163.9	168.6	173.3	178.2	184.3	192.6
-30°	130.6	139.6	146.8	152.3	157.6	162.3	166.7	170.8	175.1	180.3	186.9
-32.5°	127.6	137.0	144.2	150.1	155.4	160.3	164.5	168.3	172.1	176.5	181.6
-35°	124.0	133.5	141.3	147.7	153.0	157.9	162.1	165.9	169.1	173.0	177.0
-37.5°	119.9	129.7	138.1	144.7	150.2	155.1	159.5	163.2	166.5	169.3	172.8
-40°	115.5	125.7	134.0	141.1	147.0	151.9	156.3	160.3	163.8	166.4	168.9
-42.5°	111.0	120.8	129.5	137.3	143.0	148.2	153.0	157.0	160.5	163.2	165.5
-45°	105.6	115.7	124.7	132.2	138.8	144.0	148.8	153.4	156.7	159.8	162.1
-47.5°	100.0	110.3	119.0	127.0	133.7	139.3	144.2	148.6	152.7	155.8	158.7
-50°	94.0	103.9	113.2	120.9	128.0	134.0	139.0	143.6	147.7	151.2	154.2
-52.5°	87.2	97.4	106.3	114.5	121.6	127.9	133.3	138.2	142.3	146.2	149.4
-55°	80.3	90.0	99.1	107.1	114.5	120.9	127.0	131.9	136.5	140.2	144.1
-57.5°	73.2	82.3	91.1	99.3	106.5	113.2	119.3	125.1	129.7	133.7	137.7
-60°	66.0	74.4	82.6	90.6	98.1	104.6	110.9	116.4	121.7	126.7	130.4
-62.5°	58.8	66.5	74.0	81.2	88.4	95.5	101.7	107.2	112.4	116.9	121.3
-65°	51.7	58.5	65.4	72.0	78.3	84.8	91.2	97.4	102.4	106.6	110.6
-67.5°	44.4	50.5	56.6	62.8	68.5	74.1	79.7	85.3	90.7	95.2	99.3
-70°	37.3	42.4	47.8	53.2	58.5	63.3	68.1	73.0	77.7	82.0	85.9
-72.5°	30.1	34.7	39.1	43.4	48.0	52.4	56.5	60.4	64.2	68.1	71.7
-75°	24.2	27.0	30.7	34.4	38.0	41.5	45.1	48.5	51.5	54.4	57.2
-77.5°	19.1	21.1	23.4	25.8	28.1	30.8	33.5	36.3	38.8	41.0	42.9
-80°	14.2	15.2	16.7	18.3	19.9	21.5	23.1	24.5	26.1	27.9	29.7
-82.5°	9.9	10.8	11.5	12.1	12.8	13.4	14.1	15.1	16.5	17.8	19.0
-85°	5.8	6.3	6.9	7.5	8.0	8.5	8.9	9.3	9.8	10.4	10.9
-87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
-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: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-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°	5.2	5.1	5.1	5.0	4.9	5.0	5.1	5.1	5.2	5.3	5.3
85°	11.5	11.9	12.4	12.9	13.4	13.8	14.1	14.4	14.6	14.8	15.0
82.5°	20.1	21.1	22.0	22.9	23.6	24.2	24.8	25.3	25.7	26.1	26.4
80°	31.3	32.9	34.3	35.7	37.0	38.0	38.8	39.5	40.1	40.7	41.3
77.5°	44.8	47.0	49.0	50.9	52.5	53.9	55.1	56.2	57.0	58.1	59.1
75°	60.0	62.6	64.9	67.1	69.1	70.9	72.5	73.8	75.0	76.2	77.2
72.5°	75.1	78.3	81.0	83.3	85.5	87.5	89.5	91.4	93.1	94.4	95.4
70°	89.5	92.7	95.6	98.3	100.8	103.3	105.9	108.3	110.5	111.9	112.7
67.5°	102.6	105.9	109.2	112.5	115.4	118.1	120.7	123.1	125.2	126.7	127.6
65°	114.4	118.1	121.7	125.1	128.2	130.5	132.8	135.0	137.1	138.8	140.1
62.5°	125.6	129.1	132.2	135.0	137.6	139.9	142.2	144.3	146.1	147.7	149.2
60°	134.0	137.6	140.6	143.2	145.7	148.0	149.8	151.4	152.6	153.6	154.6
57.5°	141.3	144.7	147.7	149.9	152.1	154.3	155.9	156.9	157.6	158.1	158.5
55°	147.5	150.3	152.8	155.3	157.4	159.3	160.7	161.3	161.8	162.0	162.2
52.5°	152.6	155.3	157.9	160.2	161.9	163.5	164.8	165.2	165.4	165.5	165.6
50°	157.2	159.9	161.9	163.8	165.6	167.0	168.1	168.7	169.0	169.1	168.9
47.5°	160.9	163.2	165.4	167.4	169.1	170.8	172.1	172.9	173.5	173.7	173.7
45°	164.2	166.8	169.2	171.5	173.6	175.7	177.6	178.8	180.1	180.9	181.4
42.5°	168.0	170.6	173.3	176.5	179.5	182.3	185.4	188.0	190.8	193.8	195.8
40°	171.9	174.8	178.9	182.8	187.1	191.0	197.4	203.8	208.7	212.8	216.6
37.5°	176.4	180.6	185.5	190.5	197.6	204.9	213.0	221.0	227.9	234.1	239.2
35°	181.5	187.2	193.2	202.1	211.1	220.1	229.8	240.4	249.3	255.9	260.6
32.5°	187.8	195.0	204.6	215.9	227.0	238.7	250.4	262.2	271.0	280.1	289.3
30°	194.8	205.1	217.5	231.3	245.1	259.2	273.8	290.2	305.7	322.4	346.3
27.5°	203.7	216.3	230.9	247.2	263.8	280.5	306.1	334.1	375.7	409.0	465.4
25°	213.2	228.0	245.4	264.2	284.5	314.4	361.2	416.6	514.6	590.7	706.0
22.5°	223.8	241.2	260.4	282.1	314.8	371.2	451.3	593.4	791.1	986.4	1203.6
20°	234.2	253.5	274.5	307.3	362.9	452.2	625.6	932.8	1276.0	1764.5	2174.5
17.5°	244.2	264.6	291.3	335.6	419.0	598.4	934.3	1460.5	2177.2	2964.7	3621.4
15°	252.9	273.7	309.7	379.9	520.7	800.2	1307.4	2203.0	3407.1	4485.3	5447.0
12.5°	260.3	284.9	329.6	415.7	609.1	1022.9	1836.4	3108.1	4578.5	6090.6	7307.6
10°	265.6	296.8	356.3	481.9	749.5	1287.8	2277.3	3881.5	5651.9	7489.7	9689.8
7.5°	268.8	305.3	376.5	531.0	874.7	1582.8	2830.4	4571.9	6605.1	9113.9	12475.3
5°	271.1	311.1	391.5	568.0	958.4	1777.8	3179.6	5095.1	7427.4	11055.1	17973.0
2.5°	272.3	313.6	400.0	588.3	996.6	1878.0	3425.4	5394.6	7927.8	12424.4	21781.5
0°	271.8	312.2	401.0	593.0	1002.0	1954.7	3466.2	5480.1	8096.9	12547.2	23002.4
-2.5°	272.3	313.6	400.0	588.3	996.6	1878.0	3425.4	5394.6	7927.8	12424.4	21781.5
-5°	271.1	311.1	391.5	568.0	958.4	1777.8	3179.6	5095.1	7427.4	11055.1	17973.0
-7.5°	268.8	305.3	376.5	531.0	874.7	1582.8	2830.4	4571.9	6605.1	9113.9	12475.3
-10°	265.6	296.8	356.3	481.9	749.5	1287.8	2277.3	3881.5	5651.9	7489.7	9689.8
-12.5°	260.3	284.9	329.6	415.7	609.1	1022.9	1836.4	3108.1	4578.5	6090.6	7307.6
-15°	252.9	273.7	309.7	379.9	520.7	800.2	1307.4	2203.0	3407.1	4485.3	5447.0
-17.5°	244.2	264.6	291.3	335.6	419.0	598.4	934.3	1460.5	2177.2	2964.7	3621.4
-20°	234.2	253.5	274.5	307.3	362.9	452.2	625.6	932.8	1276.0	1764.5	2174.5



REPORT NUMBER: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	223.8	241.2	260.4	282.1	314.8	371.2	451.3	593.4	791.1	986.4	1203.6
-25°	213.2	228.0	245.4	264.2	284.5	314.4	361.2	416.6	514.6	590.7	706.0
-27.5°	203.7	216.3	230.9	247.2	263.8	280.5	306.1	334.1	375.7	409.0	465.4
-30°	194.8	205.1	217.5	231.3	245.1	259.2	273.8	290.2	305.7	322.4	346.3
-32.5°	187.8	195.0	204.6	215.9	227.0	238.7	250.4	262.2	271.0	280.1	289.3
-35°	181.5	187.2	193.2	202.1	211.1	220.1	229.8	240.4	249.3	255.9	260.6
-37.5°	176.4	180.6	185.5	190.5	197.6	204.9	213.0	221.0	227.9	234.1	239.2
-40°	171.9	174.8	178.9	182.8	187.1	191.0	197.4	203.8	208.7	212.8	216.6
-42.5°	168.0	170.6	173.3	176.5	179.5	182.3	185.4	188.0	190.8	193.8	195.8
-45°	164.2	166.8	169.2	171.5	173.6	175.7	177.6	178.8	180.1	180.9	181.4
-47.5°	160.9	163.2	165.4	167.4	169.1	170.8	172.1	172.9	173.5	173.7	173.7
-50°	157.2	159.9	161.9	163.8	165.6	167.0	168.1	168.7	169.0	169.1	168.9
-52.5°	152.6	155.3	157.9	160.2	161.9	163.5	164.8	165.2	165.4	165.5	165.6
-55°	147.5	150.3	152.8	155.3	157.4	159.3	160.7	161.3	161.8	162.0	162.2
-57.5°	141.3	144.7	147.7	149.9	152.1	154.3	155.9	156.9	157.6	158.1	158.5
-60°	134.0	137.6	140.6	143.2	145.7	148.0	149.8	151.4	152.6	153.6	154.6
-62.5°	125.6	129.1	132.2	135.0	137.6	139.9	142.2	144.3	146.1	147.7	149.2
-65°	114.4	118.1	121.7	125.1	128.2	130.5	132.8	135.0	137.1	138.8	140.1
-67.5°	102.6	105.9	109.2	112.5	115.4	118.1	120.7	123.1	125.2	126.7	127.6
-70°	89.5	92.7	95.6	98.3	100.8	103.3	105.9	108.3	110.5	111.9	112.7
-72.5°	75.1	78.3	81.0	83.3	85.5	87.5	89.5	91.4	93.1	94.4	95.4
-75°	60.0	62.6	64.9	67.1	69.1	70.9	72.5	73.8	75.0	76.2	77.2
-77.5°	44.8	47.0	49.0	50.9	52.5	53.9	55.1	56.2	57.0	58.1	59.1
-80°	31.3	32.9	34.3	35.7	37.0	38.0	38.8	39.5	40.1	40.7	41.3
-82.5°	20.1	21.1	22.0	22.9	23.6	24.2	24.8	25.3	25.7	26.1	26.4
-85°	11.5	11.9	12.4	12.9	13.4	13.8	14.1	14.4	14.6	14.8	15.0
-87.5°	5.2	5.1	5.1	5.0	4.9	5.0	5.1	5.1	5.2	5.3	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: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
85°	15.1	15.2	15.3	15.3	15.3	15.2	15.1	15.0	14.8	14.6	14.4
82.5°	26.6	26.8	26.9	26.9	26.9	26.8	26.6	26.4	26.1	25.7	25.3
80°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.7	40.1	39.5
77.5°	60.0	60.6	60.9	61.0	60.9	60.6	60.0	59.1	58.1	57.0	56.2
75°	77.9	78.5	78.8	78.9	78.8	78.5	77.9	77.2	76.2	75.0	73.8
72.5°	96.0	96.4	97.2	97.8	97.2	96.4	96.0	95.4	94.4	93.1	91.4
70°	113.2	113.4	114.2	114.8	114.2	113.4	113.2	112.7	111.9	110.5	108.3
67.5°	128.3	128.7	128.7	128.3	128.7	128.7	128.3	127.6	126.7	125.2	123.1
65°	141.1	142.0	142.1	141.7	142.1	142.0	141.1	140.1	138.8	137.1	135.0
62.5°	150.6	151.9	152.4	152.5	152.4	151.9	150.6	149.2	147.7	146.1	144.3
60°	155.3	155.8	156.1	156.1	156.1	155.8	155.3	154.6	153.6	152.6	151.4
57.5°	158.7	158.7	158.8	158.8	158.8	158.7	158.7	158.5	158.1	157.6	156.9
55°	162.3	162.3	162.0	161.5	162.0	162.3	162.3	162.2	162.0	161.8	161.3
52.5°	165.4	165.1	164.7	164.2	164.7	165.1	165.4	165.6	165.5	165.4	165.2
50°	168.5	168.0	167.7	167.8	167.7	168.0	168.5	168.9	169.1	169.0	168.7
47.5°	173.5	173.2	173.0	173.1	173.0	173.2	173.5	173.7	173.7	173.5	172.9
45°	181.5	181.2	181.0	181.2	181.0	181.2	181.5	181.4	180.9	180.1	178.8
42.5°	196.9	197.1	197.0	197.4	197.0	197.1	196.9	195.8	193.8	190.8	188.0
40°	218.1	218.0	217.3	217.1	217.3	218.0	218.1	216.6	212.8	208.7	203.8
37.5°	241.2	241.2	240.5	240.4	240.5	241.2	241.2	239.2	234.1	227.9	221.0
35°	263.0	263.8	263.6	262.8	263.6	263.8	263.0	260.6	255.9	249.3	240.4
32.5°	295.8	300.8	303.4	302.3	303.4	300.8	295.8	289.3	280.1	271.0	262.2
30°	361.2	374.1	380.9	383.9	380.9	374.1	361.2	346.3	322.4	305.7	290.2
27.5°	505.7	534.3	547.1	551.7	547.1	534.3	505.7	465.4	409.0	375.7	334.1
25°	806.8	871.2	903.0	913.2	903.0	871.2	806.8	706.0	590.7	514.6	416.6
22.5°	1442.7	1566.7	1651.5	1670.3	1651.5	1566.7	1442.7	1203.6	986.4	791.1	593.4
20°	2586.8	2826.6	2956.8	2945.1	2956.8	2826.6	2586.8	2174.5	1764.5	1276.0	932.8
17.5°	4179.6	4487.1	4633.6	4565.1	4633.6	4487.1	4179.6	3621.4	2964.7	2177.2	1460.5
15°	6127.1	6542.6	6723.9	6780.0	6723.9	6542.6	6127.1	5447.0	4485.3	3407.1	2203.0
12.5°	8522.5	9884.8	10536.4	10710.9	10536.4	9884.8	8522.5	7307.6	6090.6	4578.5	3108.1
10°	11940.1	16519.5	19243.4	19908.5	19243.4	16519.5	11940.1	9689.8	7489.7	5651.9	3881.5
7.5°	19499.2	28804.9	39229.4	44165.9	39229.4	28804.9	19499.2	12475.3	9113.9	6605.1	4571.9
5°	29736.2	51609.7	75745.6	85207.3	75745.6	51609.7	29736.2	17973.0	11055.1	7427.4	5095.1
2.5°	42181.1	77926.6	111276.6	123708.8	111276.6	77926.6	42181.1	21781.5	12424.4	7927.8	5394.6
0°	47438.8	89840.6	122602.6	133252.1	122602.6	89840.6	47438.8	23002.4	12547.2	8096.9	5480.1
-2.5°	42181.1	77926.6	111276.6	123708.7	111276.6	77926.6	42181.1	21781.5	12424.4	7927.8	5394.6
-5°	29736.2	51609.7	75745.6	85207.3	75745.6	51609.7	29736.2	17973.0	11055.1	7427.4	5095.1
-7.5°	19499.2	28804.9	39229.4	44165.9	39229.4	28804.9	19499.2	12475.3	9113.9	6605.1	4571.9
-10°	11940.1	16519.5	19243.4	19908.5	19243.4	16519.5	11940.1	9689.8	7489.7	5651.9	3881.5
-12.5°	8522.5	9884.8	10536.4	10710.9	10536.4	9884.8	8522.5	7307.6	6090.6	4578.5	3108.1
-15°	6127.1	6542.6	6723.9	6780.0	6723.9	6542.6	6127.1	5447.0	4485.3	3407.1	2203.0
-17.5°	4179.6	4487.1	4633.6	4565.1	4633.6	4487.1	4179.6	3621.4	2964.7	2177.2	1460.5
-20°	2586.8	2826.6	2956.8	2945.1	2956.8	2826.6	2586.8	2174.5	1764.5	1276.0	932.8



REPORT NUMBER: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-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°	1442.7	1566.7	1651.5	1670.3	1651.5	1566.7	1442.7	1203.6	986.4	791.1	593.4
-25°	806.8	871.2	903.0	913.2	903.0	871.2	806.8	706.0	590.7	514.6	416.6
-27.5°	505.7	534.3	547.1	551.7	547.1	534.3	505.7	465.4	409.0	375.7	334.1
-30°	361.2	374.1	380.9	383.9	380.9	374.1	361.2	346.3	322.4	305.7	290.2
-32.5°	295.8	300.8	303.4	302.3	303.4	300.8	295.8	289.3	280.1	271.0	262.2
-35°	263.0	263.8	263.6	262.8	263.6	263.8	263.0	260.6	255.9	249.3	240.4
-37.5°	241.2	241.2	240.5	240.4	240.5	241.2	241.2	239.2	234.1	227.9	221.0
-40°	218.1	218.0	217.3	217.1	217.3	218.0	218.1	216.6	212.8	208.7	203.8
-42.5°	196.9	197.1	197.0	197.4	197.0	197.1	196.9	195.8	193.8	190.8	188.0
-45°	181.5	181.2	181.0	181.2	181.0	181.2	181.5	181.4	180.9	180.1	178.8
-47.5°	173.5	173.2	173.0	173.1	173.0	173.2	173.5	173.7	173.7	173.5	172.9
-50°	168.5	168.0	167.7	167.8	167.7	168.0	168.5	168.9	169.1	169.0	168.7
-52.5°	165.4	165.1	164.7	164.2	164.7	165.1	165.4	165.6	165.5	165.4	165.2
-55°	162.3	162.3	162.0	161.5	162.0	162.3	162.3	162.2	162.0	161.8	161.3
-57.5°	158.7	158.7	158.8	158.8	158.8	158.7	158.7	158.5	158.1	157.6	156.9
-60°	155.3	155.8	156.1	156.1	156.1	155.8	155.3	154.6	153.6	152.6	151.4
-62.5°	150.6	151.9	152.4	152.5	152.4	151.9	150.6	149.2	147.7	146.1	144.3
-65°	141.1	142.0	142.1	141.7	142.1	142.0	141.1	140.1	138.8	137.1	135.0
-67.5°	128.3	128.7	128.7	128.3	128.7	128.7	128.3	127.6	126.7	125.2	123.1
-70°	113.2	113.4	114.2	114.8	114.2	113.4	113.2	112.7	111.9	110.5	108.3
-72.5°	96.0	96.4	97.2	97.8	97.2	96.4	96.0	95.4	94.4	93.1	91.4
-75°	77.9	78.5	78.8	78.9	78.8	78.5	77.9	77.2	76.2	75.0	73.8
-77.5°	60.0	60.6	60.9	61.0	60.9	60.6	60.0	59.1	58.1	57.0	56.2
-80°	41.7	42.0	42.1	42.2	42.1	42.0	41.7	41.3	40.7	40.1	39.5
-82.5°	26.6	26.8	26.9	26.9	26.9	26.8	26.6	26.4	26.1	25.7	25.3
-85°	15.1	15.2	15.3	15.3	15.3	15.2	15.1	15.0	14.8	14.6	14.4
-87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	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: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-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°	5.1	5.0	4.9	5.0	5.1	5.1	5.2	5.0	4.8	4.6	4.5
85°	14.1	13.8	13.4	12.9	12.4	11.9	11.5	10.9	10.4	9.8	9.3
82.5°	24.8	24.2	23.6	22.9	22.0	21.1	20.1	19.0	17.8	16.5	15.1
80°	38.8	38.0	37.0	35.7	34.3	32.9	31.3	29.7	27.9	26.1	24.5
77.5°	55.1	53.9	52.5	50.9	49.0	47.0	44.8	42.9	41.0	38.8	36.3
75°	72.5	70.9	69.1	67.1	64.9	62.6	60.0	57.2	54.4	51.5	48.5
72.5°	89.5	87.5	85.5	83.3	81.0	78.3	75.1	71.7	68.1	64.2	60.4
70°	105.9	103.3	100.8	98.3	95.6	92.7	89.5	85.9	82.0	77.7	73.0
67.5°	120.7	118.1	115.4	112.5	109.2	105.9	102.6	99.3	95.2	90.7	85.3
65°	132.8	130.5	128.2	125.1	121.7	118.1	114.4	110.6	106.6	102.4	97.4
62.5°	142.2	139.9	137.6	135.0	132.2	129.1	125.6	121.3	116.9	112.4	107.2
60°	149.8	148.0	145.7	143.2	140.6	137.6	134.0	130.4	126.7	121.7	116.4
57.5°	155.9	154.3	152.1	149.9	147.7	144.7	141.3	137.7	133.7	129.7	125.1
55°	160.7	159.3	157.4	155.3	152.8	150.3	147.5	144.1	140.2	136.5	131.9
52.5°	164.8	163.5	161.9	160.2	157.9	155.3	152.6	149.4	146.2	142.3	138.2
50°	168.1	167.0	165.6	163.8	161.9	159.9	157.2	154.2	151.2	147.7	143.6
47.5°	172.1	170.8	169.1	167.4	165.4	163.2	160.9	158.7	155.8	152.7	148.6
45°	177.6	175.7	173.6	171.5	169.2	166.8	164.2	162.1	159.8	156.7	153.4
42.5°	185.4	182.3	179.5	176.5	173.3	170.6	168.0	165.5	163.2	160.5	157.0
40°	197.4	191.0	187.1	182.8	178.9	174.8	171.9	168.9	166.4	163.8	160.3
37.5°	213.0	204.9	197.6	190.5	185.5	180.6	176.4	172.8	169.3	166.5	163.2
35°	229.8	220.1	211.1	202.1	193.2	187.2	181.5	177.0	173.0	169.1	165.9
32.5°	250.4	238.7	227.0	215.9	204.6	195.0	187.8	181.6	176.5	172.1	168.3
30°	273.8	259.2	245.1	231.3	217.5	205.1	194.8	186.9	180.3	175.1	170.8
27.5°	306.1	280.5	263.8	247.2	230.9	216.3	203.7	192.6	184.3	178.2	173.3
25°	361.2	314.4	284.5	264.2	245.4	228.0	213.2	200.2	189.3	181.3	175.1
22.5°	451.3	371.2	314.8	282.1	260.4	241.2	223.8	208.1	194.0	184.2	177.2
20°	625.6	452.2	362.9	307.3	274.5	253.5	234.2	216.4	200.1	187.4	179.1
17.5°	934.3	598.4	419.0	335.6	291.3	264.6	244.2	224.1	205.8	190.0	180.5
15°	1307.4	800.2	520.7	379.9	309.7	273.7	252.9	231.1	211.3	193.5	182.5
12.5°	1836.4	1022.9	609.1	415.7	329.6	284.9	260.3	238.0	216.5	197.3	184.1
10°	2277.3	1287.8	749.5	481.9	356.3	296.8	265.6	242.1	219.4	199.9	185.2
7.5°	2830.4	1582.8	874.7	531.0	376.5	305.3	268.8	244.3	221.0	201.5	185.8
5°	3179.6	1777.8	958.4	568.0	391.5	311.1	271.1	245.2	221.3	202.2	185.9
2.5°	3425.4	1878.0	996.6	588.3	400.0	313.6	272.3	245.7	222.4	202.8	186.9
0°	3466.2	1954.7	1002.0	593.0	401.0	312.2	271.8	245.8	223.4	202.7	187.5
-2.5°	3425.4	1878.0	996.6	588.3	400.0	313.6	272.3	245.7	222.4	202.8	186.9
-5°	3179.6	1777.8	958.4	568.0	391.5	311.1	271.1	245.2	221.3	202.2	185.9
-7.5°	2830.4	1582.8	874.7	531.0	376.5	305.3	268.8	244.3	221.0	201.5	185.8
-10°	2277.3	1287.8	749.5	481.9	356.3	296.8	265.6	242.1	219.4	199.9	185.2
-12.5°	1836.4	1022.9	609.1	415.7	329.6	284.9	260.3	238.0	216.5	197.3	184.1
-15°	1307.4	800.2	520.7	379.9	309.7	273.7	252.9	231.1	211.3	193.5	182.5
-17.5°	934.3	598.4	419.0	335.6	291.3	264.6	244.2	224.1	205.8	190.0	180.5
-20°	625.6	452.2	362.9	307.3	274.5	253.5	234.2	216.4	200.1	187.4	179.1



REPORT NUMBER: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	451.3	371.2	314.8	282.1	260.4	241.2	223.8	208.1	194.0	184.2	177.2
-25°	361.2	314.4	284.5	264.2	245.4	228.0	213.2	200.2	189.3	181.3	175.1
-27.5°	306.1	280.5	263.8	247.2	230.9	216.3	203.7	192.6	184.3	178.2	173.3
-30°	273.8	259.2	245.1	231.3	217.5	205.1	194.8	186.9	180.3	175.1	170.8
-32.5°	250.4	238.7	227.0	215.9	204.6	195.0	187.8	181.6	176.5	172.1	168.3
-35°	229.8	220.1	211.1	202.1	193.2	187.2	181.5	177.0	173.0	169.1	165.9
-37.5°	213.0	204.9	197.6	190.5	185.5	180.6	176.4	172.8	169.3	166.5	163.2
-40°	197.4	191.0	187.1	182.8	178.9	174.8	171.9	168.9	166.4	163.8	160.3
-42.5°	185.4	182.3	179.5	176.5	173.3	170.6	168.0	165.5	163.2	160.5	157.0
-45°	177.6	175.7	173.6	171.5	169.2	166.8	164.2	162.1	159.8	156.7	153.4
-47.5°	172.1	170.8	169.1	167.4	165.4	163.2	160.9	158.7	155.8	152.7	148.6
-50°	168.1	167.0	165.6	163.8	161.9	159.9	157.2	154.2	151.2	147.7	143.6
-52.5°	164.8	163.5	161.9	160.2	157.9	155.3	152.6	149.4	146.2	142.3	138.2
-55°	160.7	159.3	157.4	155.3	152.8	150.3	147.5	144.1	140.2	136.5	131.9
-57.5°	155.9	154.3	152.1	149.9	147.7	144.7	141.3	137.7	133.7	129.7	125.1
-60°	149.8	148.0	145.7	143.2	140.6	137.6	134.0	130.4	126.7	121.7	116.4
-62.5°	142.2	139.9	137.6	135.0	132.2	129.1	125.6	121.3	116.9	112.4	107.2
-65°	132.8	130.5	128.2	125.1	121.7	118.1	114.4	110.6	106.6	102.4	97.4
-67.5°	120.7	118.1	115.4	112.5	109.2	105.9	102.6	99.3	95.2	90.7	85.3
-70°	105.9	103.3	100.8	98.3	95.6	92.7	89.5	85.9	82.0	77.7	73.0
-72.5°	89.5	87.5	85.5	83.3	81.0	78.3	75.1	71.7	68.1	64.2	60.4
-75°	72.5	70.9	69.1	67.1	64.9	62.6	60.0	57.2	54.4	51.5	48.5
-77.5°	55.1	53.9	52.5	50.9	49.0	47.0	44.8	42.9	41.0	38.8	36.3
-80°	38.8	38.0	37.0	35.7	34.3	32.9	31.3	29.7	27.9	26.1	24.5
-82.5°	24.8	24.2	23.6	22.9	22.0	21.1	20.1	19.0	17.8	16.5	15.1
-85°	14.1	13.8	13.4	12.9	12.4	11.9	11.5	10.9	10.4	9.8	9.3
-87.5°	5.1	5.0	4.9	5.0	5.1	5.1	5.2	5.0	4.8	4.6	4.5
-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: P558760 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-930-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°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
85°	8.9	8.5	8.0	7.5	6.9	6.3	5.8	5.3	4.8	4.3	3.8
82.5°	14.1	13.4	12.8	12.1	11.5	10.8	9.9	8.9	7.7	6.5	5.7
80°	23.1	21.5	19.9	18.3	16.7	15.2	14.2	13.0	11.3	9.7	8.1
77.5°	33.5	30.8	28.1	25.8	23.4	21.1	19.1	17.1	14.9	12.8	10.8
75°	45.1	41.5	38.0	34.4	30.7	27.0	24.2	21.6	18.9	16.0	13.5
72.5°	56.5	52.4	48.0	43.4	39.1	34.7	30.1	26.0	22.9	19.7	16.3
70°	68.1	63.3	58.5	53.2	47.8	42.4	37.3	32.1	27.0	23.4	19.6
67.5°	79.7	74.1	68.5	62.8	56.6	50.5	44.4	38.4	32.6	27.0	22.8
65°	91.2	84.8	78.3	72.0	65.4	58.5	51.7	44.7	38.0	31.8	26.0
62.5°	101.7	95.5	88.4	81.2	74.0	66.5	58.8	51.2	43.4	36.4	29.7
60°	110.9	104.6	98.1	90.6	82.6	74.4	66.0	57.5	49.2	40.8	33.5
57.5°	119.3	113.2	106.5	99.3	91.1	82.3	73.2	63.9	54.8	45.7	37.3
55°	127.0	120.9	114.5	107.1	99.1	90.0	80.3	70.3	60.3	50.5	40.9
52.5°	133.3	127.9	121.6	114.5	106.3	97.4	87.2	76.5	65.9	55.2	45.0
50°	139.0	134.0	128.0	120.9	113.2	103.9	94.0	82.7	71.3	59.8	49.0
47.5°	144.2	139.3	133.7	127.0	119.0	110.3	100.0	88.7	76.5	64.5	52.9
45°	148.8	144.0	138.8	132.2	124.7	115.7	105.6	94.6	81.8	69.0	56.6
42.5°	153.0	148.2	143.0	137.3	129.5	120.8	111.0	99.5	86.8	73.4	60.3
40°	156.3	151.9	147.0	141.1	134.0	125.7	115.5	104.2	91.7	77.5	63.9
37.5°	159.5	155.1	150.2	144.7	138.1	129.7	119.9	108.6	96.1	81.6	67.3
35°	162.1	157.9	153.0	147.7	141.3	133.5	124.0	112.7	99.8	85.4	70.5
32.5°	164.5	160.3	155.4	150.1	144.2	137.0	127.6	116.1	103.2	89.0	73.6
30°	166.7	162.3	157.6	152.3	146.8	139.6	130.6	119.3	106.4	92.3	76.4
27.5°	168.6	163.9	159.6	154.2	148.7	142.0	133.3	122.3	109.4	95.2	79.1
25°	170.3	165.5	160.9	156.0	150.3	144.2	135.8	125.0	112.0	97.6	81.5
22.5°	171.8	166.8	162.1	157.5	151.8	146.2	137.9	127.1	114.2	99.8	83.7
20°	173.2	168.1	163.1	158.7	153.0	147.4	139.5	128.9	116.1	101.7	85.7
17.5°	174.4	169.1	164.0	159.4	154.1	148.5	141.0	130.6	117.9	103.4	87.4
15°	175.5	169.9	164.8	160.0	154.9	149.4	142.3	132.1	119.4	104.9	88.9
12.5°	176.3	170.5	165.4	160.4	155.6	150.0	143.5	133.3	120.6	106.1	90.1
10°	177.1	170.8	165.9	160.8	156.0	150.6	144.4	134.3	121.6	107.1	91.0
7.5°	177.6	170.9	166.2	160.9	156.3	151.0	145.0	135.0	122.3	107.8	91.7
5°	178.0	171.1	166.5	161.2	156.7	151.3	145.3	135.4	122.8	108.3	92.2
2.5°	178.8	171.7	166.8	161.4	156.9	151.5	145.4	135.6	123.0	108.5	92.4
0°	179.4	172.2	166.9	161.5	157.0	151.6	145.3	135.5	122.9	108.5	92.4
-2.5°	178.8	171.7	166.8	161.4	156.9	151.5	145.4	135.6	123.0	108.5	92.4
-5°	178.0	171.1	166.5	161.2	156.7	151.3	145.3	135.4	122.8	108.3	92.2
-7.5°	177.6	170.9	166.2	160.9	156.3	151.0	145.0	135.0	122.3	107.8	91.7
-10°	177.1	170.8	165.9	160.8	156.0	150.6	144.4	134.3	121.6	107.1	91.0
-12.5°	176.3	170.5	165.4	160.4	155.6	150.0	143.5	133.3	120.6	106.1	90.1
-15°	175.5	169.9	164.8	160.0	154.9	149.4	142.3	132.1	119.4	104.9	88.9
-17.5°	174.4	169.1	164.0	159.4	154.1	148.5	141.0	130.6	117.9	103.4	87.4
-20°	173.2	168.1	163.1	158.7	153.0	147.4	139.5	128.9	116.1	101.7	85.7



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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°	171.8	166.8	162.1	157.5	151.8	146.2	137.9	127.1	114.2	99.8	83.7
-25°	170.3	165.5	160.9	156.0	150.3	144.2	135.8	125.0	112.0	97.6	81.5
-27.5°	168.6	163.9	159.6	154.2	148.7	142.0	133.3	122.3	109.4	95.2	79.1
-30°	166.7	162.3	157.6	152.3	146.8	139.6	130.6	119.3	106.4	92.3	76.4
-32.5°	164.5	160.3	155.4	150.1	144.2	137.0	127.6	116.1	103.2	89.0	73.6
-35°	162.1	157.9	153.0	147.7	141.3	133.5	124.0	112.7	99.8	85.4	70.5
-37.5°	159.5	155.1	150.2	144.7	138.1	129.7	119.9	108.6	96.1	81.6	67.3
-40°	156.3	151.9	147.0	141.1	134.0	125.7	115.5	104.2	91.7	77.5	63.9
-42.5°	153.0	148.2	143.0	137.3	129.5	120.8	111.0	99.5	86.8	73.4	60.3
-45°	148.8	144.0	138.8	132.2	124.7	115.7	105.6	94.6	81.8	69.0	56.6
-47.5°	144.2	139.3	133.7	127.0	119.0	110.3	100.0	88.7	76.5	64.5	52.9
-50°	139.0	134.0	128.0	120.9	113.2	103.9	94.0	82.7	71.3	59.8	49.0
-52.5°	133.3	127.9	121.6	114.5	106.3	97.4	87.2	76.5	65.9	55.2	45.0
-55°	127.0	120.9	114.5	107.1	99.1	90.0	80.3	70.3	60.3	50.5	40.9
-57.5°	119.3	113.2	106.5	99.3	91.1	82.3	73.2	63.9	54.8	45.7	37.3
-60°	110.9	104.6	98.1	90.6	82.6	74.4	66.0	57.5	49.2	40.8	33.5
-62.5°	101.7	95.5	88.4	81.2	74.0	66.5	58.8	51.2	43.4	36.4	29.7
-65°	91.2	84.8	78.3	72.0	65.4	58.5	51.7	44.7	38.0	31.8	26.0
-67.5°	79.7	74.1	68.5	62.8	56.6	50.5	44.4	38.4	32.6	27.0	22.8
-70°	68.1	63.3	58.5	53.2	47.8	42.4	37.3	32.1	27.0	23.4	19.6
-72.5°	56.5	52.4	48.0	43.4	39.1	34.7	30.1	26.0	22.9	19.7	16.3
-75°	45.1	41.5	38.0	34.4	30.7	27.0	24.2	21.6	18.9	16.0	13.5
-77.5°	33.5	30.8	28.1	25.8	23.4	21.1	19.1	17.1	14.9	12.8	10.8
-80°	23.1	21.5	19.9	18.3	16.7	15.2	14.2	13.0	11.3	9.7	8.1
-82.5°	14.1	13.4	12.8	12.1	11.5	10.8	9.9	8.9	7.7	6.5	5.7
-85°	8.9	8.5	8.0	7.5	6.9	6.3	5.8	5.3	4.8	4.3	3.8
-87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
-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°	1.6	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.3	2.8	2.3	1.8	1.3	0.6	0.0
82.5°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
80°	6.6	5.6	4.7	3.6	2.5	1.2	0.0
77.5°	8.9	7.2	5.8	4.5	3.1	1.6	0.0
75°	11.2	9.1	7.1	5.4	3.7	1.9	0.0
72.5°	13.4	11.0	8.6	6.3	4.3	2.2	0.0
70°	15.7	12.9	10.0	7.2	4.9	2.5	0.0
67.5°	18.5	14.7	11.5	8.3	5.5	2.8	0.0
65°	21.3	16.7	12.9	9.4	6.1	3.0	0.0
62.5°	24.0	18.9	14.4	10.5	6.6	3.3	0.0
60°	26.6	21.1	15.7	11.5	7.2	3.6	0.0
57.5°	29.7	23.2	17.4	12.5	7.9	3.9	0.0
55°	32.9	25.2	19.0	13.5	8.5	4.1	0.0
52.5°	35.9	27.3	20.6	14.4	9.1	4.4	0.0
50°	38.9	29.8	22.1	15.4	9.7	4.6	0.0
47.5°	41.8	32.1	23.5	16.3	10.3	4.9	0.0
45°	44.9	34.4	24.9	17.4	10.9	5.1	0.0
42.5°	47.9	36.6	26.3	18.4	11.4	5.3	0.0
40°	50.8	38.7	27.7	19.3	11.9	5.5	0.0
37.5°	53.5	40.7	29.3	20.1	12.4	5.7	0.0
35°	56.0	42.7	30.8	21.0	12.9	5.9	0.0
32.5°	58.5	44.7	32.2	21.7	13.3	6.1	0.0
30°	60.9	46.5	33.5	22.4	13.7	6.2	0.0
27.5°	63.1	48.2	34.7	23.0	14.1	6.4	0.0
25°	65.2	49.8	35.8	23.6	14.4	6.5	0.0
22.5°	67.1	51.2	36.8	24.1	14.7	6.7	0.0
20°	68.8	52.5	37.7	24.6	15.0	6.8	0.0
17.5°	70.3	53.6	38.5	25.0	15.3	6.9	0.0
15°	71.6	54.6	39.3	25.3	15.5	7.0	0.0
12.5°	72.8	55.5	39.9	25.6	15.7	7.0	0.0
10°	73.7	56.2	40.4	25.8	15.8	7.1	0.0
7.5°	74.5	56.7	40.8	25.9	15.9	7.1	0.0
5°	75.0	57.1	41.1	26.0	16.0	7.2	0.0
2.5°	75.3	57.3	41.2	26.0	16.1	7.2	0.0
0°	75.4	57.4	41.3	26.0	16.1	7.2	0.0
-2.5°	75.3	57.3	41.2	26.0	16.1	7.2	0.0
-5°	75.0	57.1	41.1	26.0	16.0	7.2	0.0
-7.5°	74.5	56.7	40.8	25.9	15.9	7.1	0.0
-10°	73.7	56.2	40.4	25.8	15.8	7.1	0.0
-12.5°	72.8	55.5	39.9	25.6	15.7	7.0	0.0
-15°	71.6	54.6	39.3	25.3	15.5	7.0	0.0
-17.5°	70.3	53.6	38.5	25.0	15.3	6.9	0.0
-20°	68.8	52.5	37.7	24.6	15.0	6.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.1	51.2	36.8	24.1	14.7	6.7	0.0
-25°	65.2	49.8	35.8	23.6	14.4	6.5	0.0
-27.5°	63.1	48.2	34.7	23.0	14.1	6.4	0.0
-30°	60.9	46.5	33.5	22.4	13.7	6.2	0.0
-32.5°	58.5	44.7	32.2	21.7	13.3	6.1	0.0
-35°	56.0	42.7	30.8	21.0	12.9	5.9	0.0
-37.5°	53.5	40.7	29.3	20.1	12.4	5.7	0.0
-40°	50.8	38.7	27.7	19.3	11.9	5.5	0.0
-42.5°	47.9	36.6	26.3	18.4	11.4	5.3	0.0
-45°	44.9	34.4	24.9	17.4	10.9	5.1	0.0
-47.5°	41.8	32.1	23.5	16.3	10.3	4.9	0.0
-50°	38.9	29.8	22.1	15.4	9.7	4.6	0.0
-52.5°	35.9	27.3	20.6	14.4	9.1	4.4	0.0
-55°	32.9	25.2	19.0	13.5	8.5	4.1	0.0
-57.5°	29.7	23.2	17.4	12.5	7.9	3.9	0.0
-60°	26.6	21.1	15.7	11.5	7.2	3.6	0.0
-62.5°	24.0	18.9	14.4	10.5	6.6	3.3	0.0
-65°	21.3	16.7	12.9	9.4	6.1	3.0	0.0
-67.5°	18.5	14.7	11.5	8.3	5.5	2.8	0.0
-70°	15.7	12.9	10.0	7.2	4.9	2.5	0.0
-72.5°	13.4	11.0	8.6	6.3	4.3	2.2	0.0
-75°	11.2	9.1	7.1	5.4	3.7	1.9	0.0
-77.5°	8.9	7.2	5.8	4.5	3.1	1.6	0.0
-80°	6.6	5.6	4.7	3.6	2.5	1.2	0.0
-82.5°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
-85°	3.3	2.8	2.3	1.8	1.3	0.6	0.0
-87.5°	1.6	1.4	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)