

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: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2C-940-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

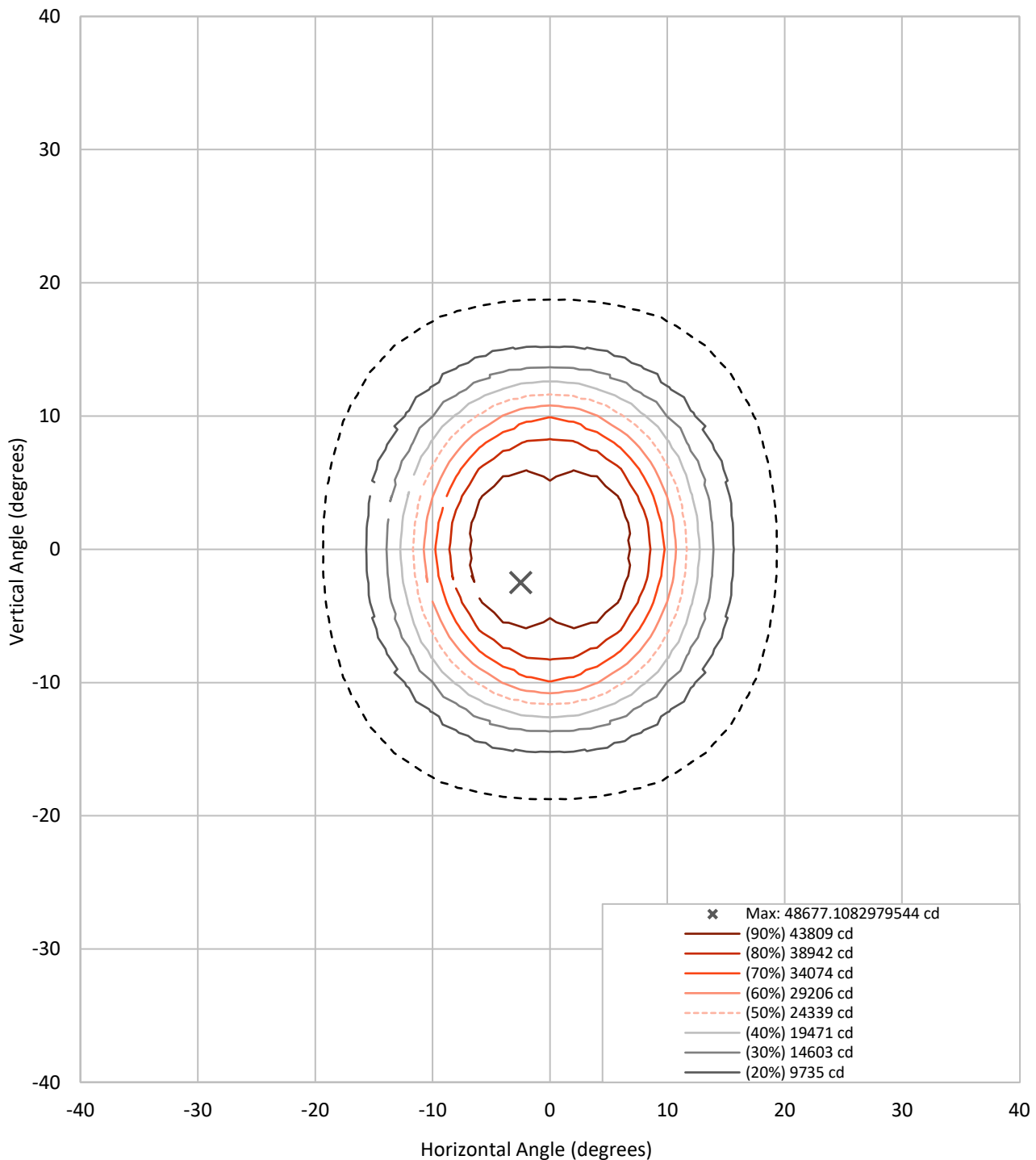
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9204.8 lumens	Max Intensity:	48677.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	110.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	4969.4 lumens	Field Lumens:	7494.1 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 83
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





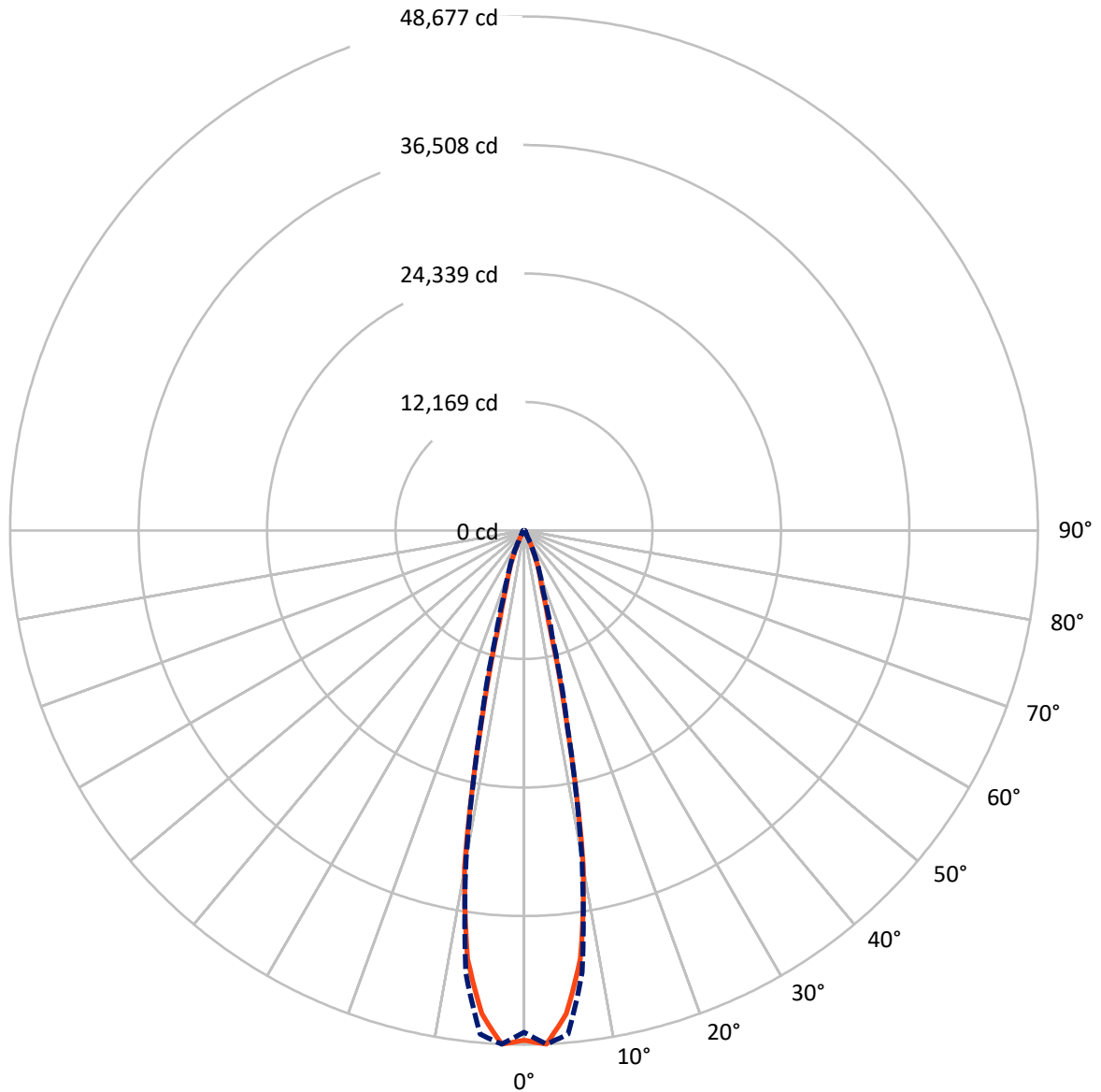
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Lumen Table

90	0.1	0.9		2.5		4.0		4.6		4.0		2.5		0.9		0.1			
80	0.1	0.9		2.5		4.0		4.6		4.0		2.5		0.9		0.1			
70	0.4	0.5	1.0	1.6	2.2	2.7	3.1	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5	0.4			
60		0.7	1.5	2.3	3.0	3.6	4.0	4.2	4.2	4.0	3.6	3.0	2.3	1.5	0.7				
50	0.8	1.0	1.8	2.8	3.6	4.3	5.0	5.3	5.3	5.0	4.3	3.6	2.8	1.8	1.0	0.8			
40		1.1	2.1	3.1	4.2	5.7	7.5	9.0	9.0	7.5	5.7	4.2	3.1	2.1	1.1				
30	1.0	1.3	2.3	3.4	5.2	9.4	28.3	55.1	55.1	28.3	9.4	5.2	3.4	2.3	1.3	1.0			
20		1.4	2.4	3.6	6.5	27.9	128.9	331.4	331.4	128.9	27.9	6.5	3.6	2.4	1.4				
10	1.1	1.4	2.5	3.8	7.8	54.4	335.6	1185.6	1185.6	335.6	54.4	7.8	3.8	2.5	1.4	1.1			
0		1.4	2.5	3.8	7.8	54.4	335.6	1185.6	1185.6	335.6	54.4	7.8	3.8	2.5	1.4				
-10	1.0	1.4	2.4	3.6	6.5	27.9	128.9	331.4	331.4	128.9	27.9	6.5	3.6	2.4	1.4	1.0			
-20		1.3	2.3	3.4	5.2	9.4	28.3	55.1	55.1	28.3	9.4	5.2	3.4	2.3	1.3				
-30	0.8	1.1	2.1	3.1	4.2	5.7	7.5	9.0	9.0	7.5	5.7	4.2	3.1	2.1	1.1	0.8			
-40		1.0	1.8	2.8	3.6	4.3	5.0	5.3	5.3	5.0	4.3	3.6	2.8	1.8	1.0				
-50	0.4	0.7	1.5	2.3	3.0	3.6	4.0	4.2	4.2	4.0	3.6	3.0	2.3	1.5	0.7	0.4			
-60		0.5	1.0	1.6	2.2	2.7	3.1	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5				
-70	0.1	0.9		2.5		4.0		4.6		4.0		2.5		0.9		0.1			
-80		0.9		2.5		4.0		4.6		4.0		2.5		0.9					
-90	0.1	0.9		2.5		4.0		4.6		4.0		2.5		0.9		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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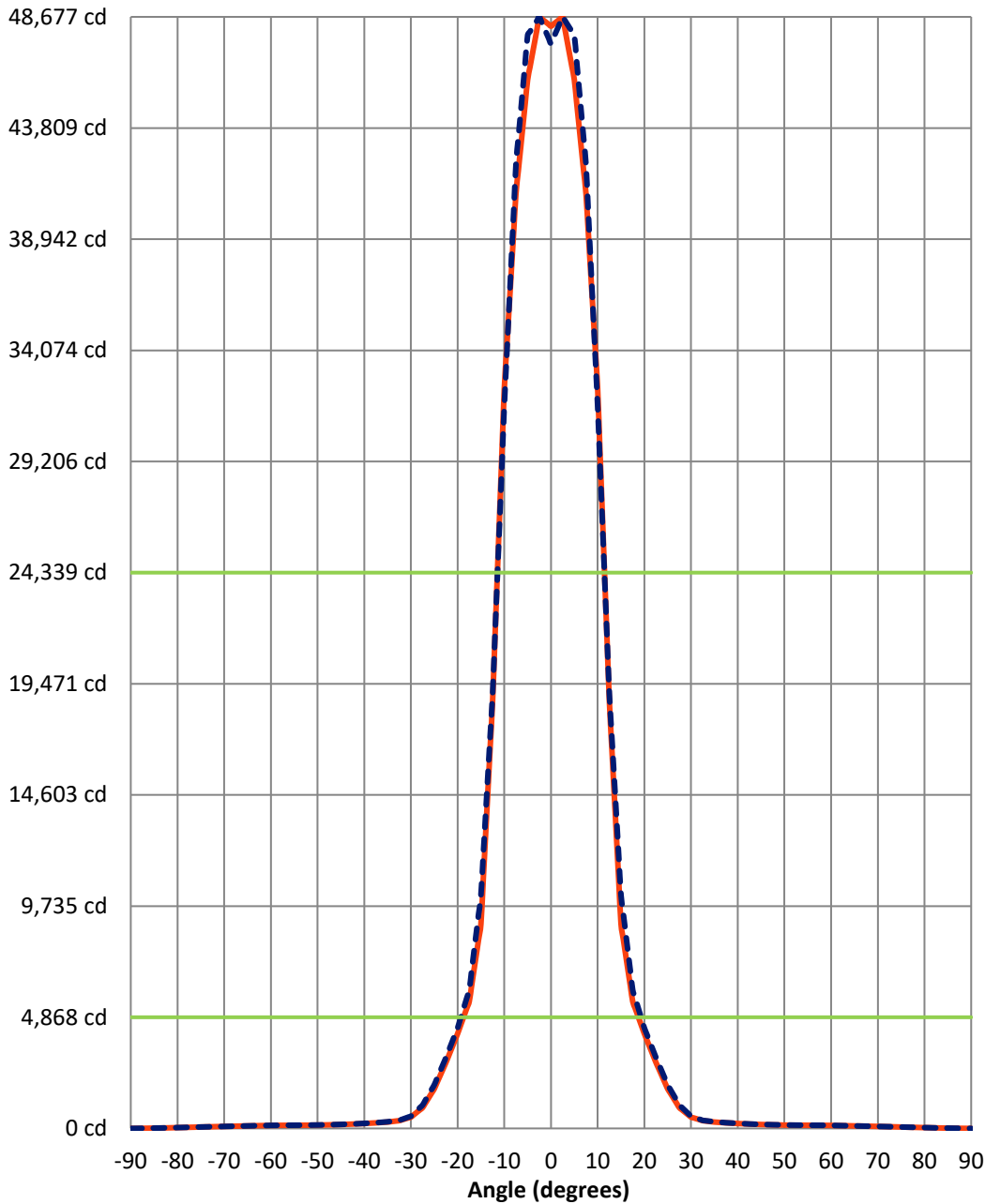
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 4969.4
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 7494.1
 Efficiency: 81.4%

Spill:
 Lumens: 1710.7
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.4	6.4	7.5
80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.8	8.1	9.6	11.1
77.5°	0.0	1.1	2.2	3.4	4.5	5.8	7.4	9.1	10.9	12.7	14.7
75°	0.0	1.3	2.7	4.0	5.4	7.5	9.4	11.4	13.6	16.2	18.6
72.5°	0.0	1.6	3.1	4.7	6.8	9.1	11.3	13.8	16.9	19.7	22.4
70°	0.0	1.8	3.6	5.4	8.2	10.8	13.3	16.7	20.1	23.3	27.1
67.5°	0.0	2.0	4.0	6.4	9.5	12.4	15.8	19.6	23.3	27.7	31.9
65°	0.0	2.2	4.4	7.4	10.8	14.2	18.2	22.4	27.1	31.9	36.8
62.5°	0.0	2.4	4.8	8.4	12.1	16.2	20.6	25.5	30.9	36.2	41.8
60°	0.0	2.6	5.2	9.4	13.4	18.1	22.9	28.8	34.6	40.6	46.6
57.5°	0.0	2.8	5.8	10.4	14.9	19.9	25.6	31.9	38.3	44.9	51.4
55°	0.0	3.0	6.5	11.3	16.3	21.7	28.2	35.0	42.1	49.1	56.1
52.5°	0.0	3.2	7.1	12.2	17.7	23.5	30.8	38.1	45.7	53.2	60.6
50°	0.0	3.3	7.6	13.1	19.0	25.6	33.3	41.3	49.2	57.2	65.2
47.5°	0.0	3.5	8.2	14.0	20.3	27.6	35.7	44.3	52.6	61.0	69.6
45°	0.0	3.7	8.8	14.9	21.5	29.5	38.2	47.2	56.0	64.9	74.0
42.5°	0.0	3.8	9.3	15.8	22.6	31.3	40.6	50.1	59.2	68.7	77.9
40°	0.0	4.0	9.8	16.6	23.9	33.1	43.0	52.7	62.3	72.4	81.6
37.5°	0.0	4.1	10.2	17.3	25.2	34.8	45.2	55.3	65.4	75.7	85.0
35°	0.0	4.3	10.7	18.1	26.5	36.5	47.4	57.7	68.3	78.6	88.3
32.5°	0.0	4.4	11.1	18.8	27.7	38.1	49.4	60.0	71.0	81.3	91.5
30°	0.0	4.5	11.5	19.4	28.8	39.7	51.2	62.1	73.5	83.9	94.4
27.5°	0.0	4.6	11.9	20.0	29.8	41.2	52.9	64.2	75.7	86.2	97.0
25°	0.0	4.7	12.2	20.5	30.8	42.5	54.5	66.0	77.6	88.4	99.3
22.5°	0.0	4.8	12.5	21.0	31.7	43.8	55.9	67.7	79.4	90.3	101.4
20°	0.0	4.9	12.8	21.5	32.6	44.9	57.2	69.2	80.9	92.0	103.2
17.5°	0.0	5.0	13.0	21.9	33.3	45.9	58.3	70.6	82.3	93.5	104.8
15°	0.0	5.0	13.2	22.2	34.0	46.8	59.3	71.7	83.6	94.7	106.2
12.5°	0.0	5.1	13.4	22.5	34.6	47.5	60.1	72.7	84.6	95.7	107.3
10°	0.0	5.1	13.5	22.8	35.1	48.1	60.8	73.5	85.5	96.7	108.2
7.5°	0.0	5.2	13.7	23.0	35.5	48.5	61.3	74.1	86.1	97.6	108.9
5°	0.0	5.2	13.7	23.1	35.8	48.8	61.7	74.5	86.6	98.2	109.3
2.5°	0.0	5.2	13.8	23.2	36.1	49.0	61.9	74.8	86.9	98.7	109.4
0°	0.0	5.2	13.8	23.2	36.2	49.1	62.0	74.9	87.0	99.0	109.3
-2.5°	0.0	5.2	13.8	23.2	36.2	49.1	62.0	74.9	87.0	99.0	109.3
-5°	0.0	5.2	13.7	23.1	35.8	48.8	61.7	74.5	86.6	98.2	109.3
-7.5°	0.0	5.2	13.7	23.0	35.5	48.5	61.3	74.1	86.1	97.6	108.9
-10°	0.0	5.1	13.5	22.8	35.1	48.1	60.8	73.5	85.5	96.7	108.2
-12.5°	0.0	5.1	13.4	22.5	34.6	47.5	60.1	72.7	84.6	95.7	107.3
-15°	0.0	5.0	13.2	22.2	34.0	46.8	59.3	71.7	83.6	94.7	106.2
-17.5°	0.0	5.0	13.0	21.9	33.3	45.9	58.3	70.6	82.3	93.5	104.8
-20°	0.0	4.9	12.8	21.5	32.6	44.9	57.2	69.2	80.9	92.0	103.2



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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	4.8	12.5	21.0	31.7	43.8	55.9	67.7	79.4	90.3	101.4
-25°	0.0	4.7	12.2	20.5	30.8	42.5	54.5	66.0	77.6	88.4	99.3
-27.5°	0.0	4.6	11.9	20.0	29.8	41.2	52.9	64.2	75.7	86.2	97.0
-30°	0.0	4.5	11.5	19.4	28.8	39.7	51.2	62.1	73.5	83.9	94.4
-32.5°	0.0	4.4	11.1	18.8	27.7	38.1	49.4	60.0	71.0	81.3	91.5
-35°	0.0	4.3	10.7	18.1	26.5	36.5	47.4	57.7	68.3	78.6	88.3
-37.5°	0.0	4.1	10.2	17.3	25.2	34.8	45.2	55.3	65.4	75.7	85.0
-40°	0.0	4.0	9.8	16.6	23.9	33.1	43.0	52.7	62.3	72.4	81.6
-42.5°	0.0	3.8	9.3	15.8	22.6	31.3	40.6	50.1	59.2	68.7	77.9
-45°	0.0	3.7	8.8	14.9	21.5	29.5	38.2	47.2	56.0	64.9	74.0
-47.5°	0.0	3.5	8.2	14.0	20.3	27.6	35.7	44.3	52.6	61.0	69.6
-50°	0.0	3.3	7.6	13.1	19.0	25.6	33.3	41.3	49.2	57.2	65.2
-52.5°	0.0	3.2	7.1	12.2	17.7	23.5	30.8	38.1	45.7	53.2	60.6
-55°	0.0	3.0	6.5	11.3	16.3	21.7	28.2	35.0	42.1	49.1	56.1
-57.5°	0.0	2.8	5.8	10.4	14.9	19.9	25.6	31.9	38.3	44.9	51.4
-60°	0.0	2.6	5.2	9.4	13.4	18.1	22.9	28.8	34.6	40.6	46.6
-62.5°	0.0	2.4	4.8	8.4	12.1	16.2	20.6	25.5	30.9	36.2	41.8
-65°	0.0	2.2	4.4	7.4	10.8	14.2	18.2	22.4	27.1	31.9	36.8
-67.5°	0.0	2.0	4.0	6.4	9.5	12.4	15.8	19.6	23.3	27.7	31.9
-70°	0.0	1.8	3.6	5.4	8.2	10.8	13.3	16.7	20.1	23.3	27.1
-72.5°	0.0	1.6	3.1	4.7	6.8	9.1	11.3	13.8	16.9	19.7	22.4
-75°	0.0	1.3	2.7	4.0	5.4	7.5	9.4	11.4	13.6	16.2	18.6
-77.5°	0.0	1.1	2.2	3.4	4.5	5.8	7.4	9.1	10.9	12.7	14.7
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.8	8.1	9.6	11.1
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.4	6.4	7.5
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	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):

	-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°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
85°	4.8	5.2	5.8	6.3	6.8	7.3	7.7	8.1	8.6	9.1	9.6
82.5°	8.4	9.3	10.0	10.7	11.4	12.0	12.6	13.4	14.5	15.5	16.4
80°	12.3	13.3	14.6	15.9	17.2	18.5	19.9	21.2	22.4	23.6	24.8
77.5°	16.4	18.2	19.9	21.7	23.5	25.6	27.6	29.5	31.3	33.0	34.7
75°	20.8	22.9	25.6	28.2	30.8	33.3	35.7	38.1	40.5	42.7	44.8
72.5°	25.5	28.8	31.9	35.0	38.3	41.5	44.4	47.2	50.0	52.9	55.6
70°	30.9	34.6	38.5	42.5	46.4	49.9	53.4	57.0	60.5	63.6	66.2
67.5°	36.2	40.7	45.3	49.8	54.1	58.2	62.4	66.4	70.0	73.2	76.2
65°	41.8	46.9	51.9	56.8	61.5	66.4	70.9	75.2	79.2	82.8	86.2
62.5°	47.2	52.8	58.2	63.7	69.2	74.5	79.3	83.8	88.2	92.0	95.7
60°	52.6	58.5	64.5	70.6	76.7	82.2	87.4	92.1	96.5	100.8	104.6
57.5°	57.8	64.2	70.8	77.3	83.7	89.7	94.9	99.9	104.4	108.8	112.8
55°	63.0	69.7	76.8	83.7	90.3	96.5	102.0	107.1	112.0	115.9	119.8
52.5°	68.1	75.2	82.6	89.8	96.5	102.9	108.7	113.8	118.2	122.3	125.6
50°	73.1	80.5	88.2	95.4	102.3	108.8	114.7	119.6	123.8	127.6	130.7
47.5°	77.8	85.7	93.2	100.7	107.8	114.2	120.0	124.6	128.7	132.1	135.1
45°	82.3	90.5	98.2	105.6	112.8	119.2	124.5	129.1	132.9	136.3	139.3
42.5°	86.5	95.0	102.9	110.3	117.4	123.5	128.7	133.0	136.9	140.3	143.5
40°	90.6	99.5	107.5	114.7	121.6	127.4	132.3	136.7	140.6	144.3	147.9
37.5°	94.5	103.6	111.8	119.2	125.2	130.9	135.8	140.2	144.5	148.5	153.4
35°	98.4	107.5	115.8	123.1	129.0	134.0	138.9	143.7	148.7	153.9	159.5
32.5°	101.8	111.2	119.7	126.4	131.9	136.9	142.1	147.8	153.7	159.7	166.6
30°	105.0	114.6	123.1	129.4	134.6	139.6	145.6	152.2	159.1	165.9	173.9
27.5°	107.7	117.8	125.8	131.8	136.9	141.7	148.4	157.0	164.4	171.7	180.5
25°	110.2	120.4	128.2	133.9	138.6	143.8	150.7	159.6	168.9	176.9	189.2
22.5°	112.4	122.7	130.4	135.7	140.0	145.5	152.6	161.3	170.9	181.0	198.0
20°	114.3	124.4	132.3	137.2	141.0	146.8	153.7	162.5	173.2	187.7	206.5
17.5°	115.9	126.2	133.7	138.2	142.3	147.7	154.0	163.2	175.7	193.8	214.4
15°	117.3	127.8	134.9	139.1	143.2	148.6	155.5	165.0	179.4	199.4	221.6
12.5°	118.5	129.5	135.9	139.8	143.9	149.3	157.0	167.9	183.8	205.0	229.6
10°	119.4	130.9	136.7	140.3	144.2	149.8	158.3	170.1	187.5	210.2	236.7
7.5°	120.2	132.1	137.3	140.7	144.2	150.0	159.4	171.8	190.2	214.4	242.6
5°	120.9	132.9	137.8	141.0	144.2	150.1	160.2	172.8	191.9	217.7	247.0
2.5°	121.3	133.3	138.3	141.2	144.1	150.1	160.8	174.5	194.0	220.1	249.7
0°	121.4	133.5	138.6	141.2	143.8	149.8	161.0	175.6	195.4	221.3	250.5
-2.5°	121.3	133.3	138.3	141.2	144.1	150.1	160.8	174.5	194.0	220.1	249.7
-5°	120.9	132.9	137.8	141.0	144.2	150.1	160.2	172.8	191.9	217.7	247.0
-7.5°	120.2	132.1	137.3	140.7	144.2	150.0	159.4	171.8	190.2	214.4	242.6
-10°	119.4	130.9	136.7	140.3	144.2	149.8	158.3	170.1	187.5	210.2	236.7
-12.5°	118.5	129.5	135.9	139.8	143.9	149.3	157.0	167.9	183.8	205.0	229.6
-15°	117.3	127.8	134.9	139.1	143.2	148.6	155.5	165.0	179.4	199.4	221.6
-17.5°	115.9	126.2	133.7	138.2	142.3	147.7	154.0	163.2	175.7	193.8	214.4
-20°	114.3	124.4	132.3	137.2	141.0	146.8	153.7	162.5	173.2	187.7	206.5



REPORT NUMBER: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	112.4	122.7	130.4	135.7	140.0	145.5	152.6	161.3	170.9	181.0	198.0
-25°	110.2	120.4	128.2	133.9	138.6	143.8	150.7	159.6	168.9	176.9	189.2
-27.5°	107.7	117.8	125.8	131.8	136.9	141.7	148.4	157.0	164.4	171.7	180.5
-30°	105.0	114.6	123.1	129.4	134.6	139.6	145.6	152.2	159.1	165.9	173.9
-32.5°	101.8	111.2	119.7	126.4	131.9	136.9	142.1	147.8	153.7	159.7	166.6
-35°	98.4	107.5	115.8	123.1	129.0	134.0	138.9	143.7	148.7	153.9	159.5
-37.5°	94.5	103.6	111.8	119.2	125.2	130.9	135.8	140.2	144.5	148.5	153.4
-40°	90.6	99.5	107.5	114.7	121.6	127.4	132.3	136.7	140.6	144.3	147.9
-42.5°	86.5	95.0	102.9	110.3	117.4	123.5	128.7	133.0	136.9	140.3	143.5
-45°	82.3	90.5	98.2	105.6	112.8	119.2	124.5	129.1	132.9	136.3	139.3
-47.5°	77.8	85.7	93.2	100.7	107.8	114.2	120.0	124.6	128.7	132.1	135.1
-50°	73.1	80.5	88.2	95.4	102.3	108.8	114.7	119.6	123.8	127.6	130.7
-52.5°	68.1	75.2	82.6	89.8	96.5	102.9	108.7	113.8	118.2	122.3	125.6
-55°	63.0	69.7	76.8	83.7	90.3	96.5	102.0	107.1	112.0	115.9	119.8
-57.5°	57.8	64.2	70.8	77.3	83.7	89.7	94.9	99.9	104.4	108.8	112.8
-60°	52.6	58.5	64.5	70.6	76.7	82.2	87.4	92.1	96.5	100.8	104.6
-62.5°	47.2	52.8	58.2	63.7	69.2	74.5	79.3	83.8	88.2	92.0	95.7
-65°	41.8	46.9	51.9	56.8	61.5	66.4	70.9	75.2	79.2	82.8	86.2
-67.5°	36.2	40.7	45.3	49.8	54.1	58.2	62.4	66.4	70.0	73.2	76.2
-70°	30.9	34.6	38.5	42.5	46.4	49.9	53.4	57.0	60.5	63.6	66.2
-72.5°	25.5	28.8	31.9	35.0	38.3	41.5	44.4	47.2	50.0	52.9	55.6
-75°	20.8	22.9	25.6	28.2	30.8	33.3	35.7	38.1	40.5	42.7	44.8
-77.5°	16.4	18.2	19.9	21.7	23.5	25.6	27.6	29.5	31.3	33.0	34.7
-80°	12.3	13.3	14.6	15.9	17.2	18.5	19.9	21.2	22.4	23.6	24.8
-82.5°	8.4	9.3	10.0	10.7	11.4	12.0	12.6	13.4	14.5	15.5	16.4
-85°	4.8	5.2	5.8	6.3	6.8	7.3	7.7	8.1	8.6	9.1	9.6
-87.5°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
-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: P558679 (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°
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	4.2	4.1	4.0	3.9	4.2	4.5	4.7	5.0	5.1	5.1
85°	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.4	12.7	13.1
82.5°	17.2	17.9	18.6	19.2	19.7	20.4	21.0	21.6	22.1	22.5	22.7
80°	25.9	27.1	28.1	29.1	29.9	30.9	31.9	32.8	33.6	34.1	34.6
77.5°	36.4	37.8	39.2	40.5	41.7	42.8	43.9	44.7	45.3	46.1	46.8
75°	46.9	48.8	50.6	52.3	53.7	55.0	56.2	57.3	58.2	59.1	59.9
72.5°	58.0	60.2	62.2	64.0	65.7	67.3	68.9	70.3	71.5	72.5	73.4
70°	68.7	71.1	73.5	75.7	77.8	79.6	81.3	82.8	84.1	85.3	86.2
67.5°	79.1	81.8	84.5	87.0	89.2	91.2	93.1	94.9	96.5	97.7	98.6
65°	89.3	92.4	95.3	97.9	100.2	102.2	104.4	106.2	107.8	109.0	109.8
62.5°	99.3	102.6	105.4	108.1	110.7	112.9	114.7	116.4	118.0	119.3	120.1
60°	108.2	111.6	114.4	116.9	119.3	121.4	123.3	125.0	126.7	128.2	129.3
57.5°	116.1	119.3	122.1	124.4	126.5	128.4	130.2	131.7	132.8	133.7	134.5
55°	123.0	125.8	128.4	130.7	132.5	134.1	135.4	136.5	137.3	137.9	138.3
52.5°	128.8	131.5	134.1	136.2	137.7	138.9	140.1	141.3	142.1	142.2	142.1
50°	133.6	136.4	138.7	140.6	142.6	144.7	147.0	148.1	148.6	148.3	147.9
47.5°	137.9	140.6	143.1	145.6	148.4	152.0	155.7	157.4	157.3	156.6	156.2
45°	142.2	145.1	148.1	151.8	155.7	160.4	164.8	167.5	167.5	167.6	168.2
42.5°	146.5	150.2	154.3	159.4	164.5	169.8	174.4	177.8	180.3	183.3	185.9
40°	152.0	156.1	162.2	168.5	175.2	180.8	187.9	194.0	199.0	203.6	207.0
37.5°	158.4	164.3	172.0	180.1	188.8	197.5	205.8	213.6	220.2	227.7	233.3
35°	166.1	174.4	183.9	193.9	204.8	215.9	226.5	238.9	249.8	259.4	267.4
32.5°	175.0	185.1	196.7	210.0	223.6	238.3	253.6	269.5	284.8	300.7	316.6
30°	184.0	197.3	212.1	228.3	244.2	263.4	283.4	309.3	336.5	367.6	415.2
27.5°	194.9	210.9	228.1	246.8	268.6	293.1	331.7	379.6	461.4	522.6	686.8
25°	205.6	223.8	245.9	270.2	299.5	344.4	436.5	543.0	780.3	1002.4	1259.0
22.5°	216.5	239.2	265.7	295.2	346.3	461.7	637.1	958.4	1324.9	1713.9	2110.1
20°	227.5	254.1	287.3	336.7	443.5	641.1	1034.9	1551.0	2071.8	2708.0	3258.2
17.5°	239.8	272.8	316.2	390.4	566.5	990.0	1572.3	2288.5	3094.4	3912.4	4599.1
15°	250.0	288.7	346.8	491.8	824.2	1386.1	2148.1	3119.0	4217.9	5251.9	6133.8
12.5°	261.2	306.3	382.7	574.1	1062.0	1800.7	2805.0	3999.7	5318.0	6734.8	8978.1
10°	271.6	324.0	442.9	744.8	1336.1	2219.7	3393.3	4739.4	6338.2	9174.8	14477.6
7.5°	280.3	338.0	488.2	872.1	1584.2	2614.9	3872.8	5371.9	7775.6	12541.2	21464.4
5°	286.3	347.3	519.6	967.4	1781.8	2906.5	4179.4	5788.4	9242.0	16656.3	27400.7
2.5°	290.5	352.4	536.4	1022.9	1906.8	3099.5	4396.6	6068.7	10226.5	19036.5	31625.0
0°	293.6	353.9	539.8	1071.0	1949.2	3164.9	4407.3	6143.9	10564.1	19965.9	33130.2
-2.5°	290.5	352.4	536.4	1022.9	1906.8	3099.5	4396.6	6068.7	10226.5	19036.5	31625.0
-5°	286.3	347.3	519.6	967.4	1781.8	2906.5	4179.4	5788.4	9242.0	16656.3	27400.7
-7.5°	280.3	338.0	488.2	872.1	1584.2	2614.9	3872.8	5371.9	7775.6	12541.2	21464.4
-10°	271.6	324.0	442.9	744.8	1336.1	2219.7	3393.3	4739.4	6338.2	9174.8	14477.6
-12.5°	261.2	306.3	382.7	574.1	1062.0	1800.7	2805.0	3999.7	5318.0	6734.8	8978.1
-15°	250.0	288.7	346.8	491.8	824.2	1386.1	2148.1	3119.0	4217.9	5251.9	6133.8
-17.5°	239.8	272.8	316.2	390.4	566.5	990.0	1572.3	2288.5	3094.4	3912.4	4599.1
-20°	227.5	254.1	287.3	336.7	443.5	641.1	1034.9	1551.0	2071.8	2708.0	3258.2



REPORT NUMBER: P558679 (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°	216.5	239.2	265.7	295.2	346.3	461.7	637.1	958.4	1324.9	1713.9	2110.1
-25°	205.6	223.8	245.9	270.2	299.5	344.4	436.5	543.0	780.3	1002.4	1259.0
-27.5°	194.9	210.9	228.1	246.8	268.6	293.1	331.7	379.6	461.4	522.6	686.8
-30°	184.0	197.3	212.1	228.3	244.2	263.4	283.4	309.3	336.5	367.6	415.2
-32.5°	175.0	185.1	196.7	210.0	223.6	238.3	253.6	269.5	284.8	300.7	316.6
-35°	166.1	174.4	183.9	193.9	204.8	215.9	226.5	238.9	249.8	259.4	267.4
-37.5°	158.4	164.3	172.0	180.1	188.8	197.5	205.8	213.6	220.2	227.7	233.3
-40°	152.0	156.1	162.2	168.5	175.2	180.8	187.9	194.0	199.0	203.6	207.0
-42.5°	146.5	150.2	154.3	159.4	164.5	169.8	174.4	177.8	180.3	183.3	185.9
-45°	142.2	145.1	148.1	151.8	155.7	160.4	164.8	167.5	167.5	167.6	168.2
-47.5°	137.9	140.6	143.1	145.6	148.4	152.0	155.7	157.4	157.3	156.6	156.2
-50°	133.6	136.4	138.7	140.6	142.6	144.7	147.0	148.1	148.6	148.3	147.9
-52.5°	128.8	131.5	134.1	136.2	137.7	138.9	140.1	141.3	142.1	142.2	142.1
-55°	123.0	125.8	128.4	130.7	132.5	134.1	135.4	136.5	137.3	137.9	138.3
-57.5°	116.1	119.3	122.1	124.4	126.5	128.4	130.2	131.7	132.8	133.7	134.5
-60°	108.2	111.6	114.4	116.9	119.3	121.4	123.3	125.0	126.7	128.2	129.3
-62.5°	99.3	102.6	105.4	108.1	110.7	112.9	114.7	116.4	118.0	119.3	120.1
-65°	89.3	92.4	95.3	97.9	100.2	102.2	104.4	106.2	107.8	109.0	109.8
-67.5°	79.1	81.8	84.5	87.0	89.2	91.2	93.1	94.9	96.5	97.7	98.6
-70°	68.7	71.1	73.5	75.7	77.8	79.6	81.3	82.8	84.1	85.3	86.2
-72.5°	58.0	60.2	62.2	64.0	65.7	67.3	68.9	70.3	71.5	72.5	73.4
-75°	46.9	48.8	50.6	52.3	53.7	55.0	56.2	57.3	58.2	59.1	59.9
-77.5°	36.4	37.8	39.2	40.5	41.7	42.8	43.9	44.7	45.3	46.1	46.8
-80°	25.9	27.1	28.1	29.1	29.9	30.9	31.9	32.8	33.6	34.1	34.6
-82.5°	17.2	17.9	18.6	19.2	19.7	20.4	21.0	21.6	22.1	22.5	22.7
-85°	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.4	12.7	13.1
-87.5°	4.3	4.2	4.1	4.0	3.9	4.2	4.5	4.7	5.0	5.1	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: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-NR-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	4.7
85°	13.4	13.7	13.3	12.9	13.3	13.7	13.4	13.1	12.7	12.4	12.2
82.5°	23.0	23.1	23.2	23.2	23.2	23.1	23.0	22.7	22.5	22.1	21.6
80°	34.9	35.1	35.7	36.2	35.7	35.1	34.9	34.6	34.1	33.6	32.8
77.5°	47.4	47.9	48.1	48.2	48.1	47.9	47.4	46.8	46.1	45.3	44.7
75°	60.4	60.8	61.9	62.9	61.9	60.8	60.4	59.9	59.1	58.2	57.3
72.5°	74.0	74.5	75.2	75.8	75.2	74.5	74.0	73.4	72.5	71.5	70.3
70°	86.9	87.4	87.7	87.8	87.7	87.4	86.9	86.2	85.3	84.1	82.8
67.5°	99.1	99.5	99.4	99.0	99.4	99.5	99.1	98.6	97.7	96.5	94.9
65°	110.3	110.7	110.6	110.2	110.6	110.7	110.3	109.8	109.0	107.8	106.2
62.5°	120.7	121.0	121.3	121.4	121.3	121.0	120.7	120.1	119.3	118.0	116.4
60°	130.3	131.1	131.6	131.7	131.6	131.1	130.3	129.3	128.2	126.7	125.0
57.5°	135.2	135.7	135.9	136.0	135.9	135.7	135.2	134.5	133.7	132.8	131.7
55°	138.5	138.5	138.3	137.8	138.3	138.5	138.5	138.3	137.9	137.3	136.5
52.5°	141.8	141.3	141.2	141.2	141.2	141.3	141.8	142.1	142.2	142.1	141.3
50°	147.5	146.7	146.3	146.4	146.3	146.7	147.5	147.9	148.3	148.6	148.1
47.5°	156.7	157.0	157.4	157.6	157.4	157.0	156.7	156.2	156.6	157.3	157.4
45°	169.9	171.1	171.9	172.2	171.9	171.1	169.9	168.2	167.6	167.5	167.5
42.5°	188.4	189.9	190.4	190.3	190.4	189.9	188.4	185.9	183.3	180.3	177.8
40°	210.7	213.6	215.3	215.2	215.3	213.6	210.7	207.0	203.6	199.0	194.0
37.5°	238.4	242.3	244.3	243.7	244.3	242.3	238.4	233.3	227.7	220.2	213.6
35°	273.4	277.2	278.8	280.7	278.8	277.2	273.4	267.4	259.4	249.8	238.9
32.5°	329.1	337.0	340.1	335.8	340.1	337.0	329.1	316.6	300.7	284.8	269.5
30°	447.4	476.0	495.1	504.5	495.1	476.0	447.4	415.2	367.6	336.5	309.3
27.5°	799.9	874.7	906.3	923.8	906.3	874.7	799.9	686.8	522.6	461.4	379.6
25°	1478.7	1638.4	1730.3	1722.8	1730.3	1638.4	1478.7	1259.0	1002.4	780.3	543.0
22.5°	2478.2	2730.1	2881.3	2936.8	2881.3	2730.1	2478.2	2110.1	1713.9	1324.9	958.4
20°	3717.4	3999.8	4147.6	4169.7	4147.6	3999.8	3717.4	3258.2	2708.0	2071.8	1551.0
17.5°	5139.5	5407.3	5563.0	5561.0	5563.0	5407.3	5139.5	4599.1	3912.4	3094.4	2288.5
15°	7335.0	8371.5	8956.0	8870.6	8956.0	8371.5	7335.0	6133.8	5251.9	4217.9	3119.0
12.5°	12019.0	16158.7	18726.5	19360.7	18726.5	16158.7	12019.0	8978.1	6734.8	5318.0	3999.7
10°	21239.2	27432.4	32378.4	33807.8	32378.4	27432.4	21239.2	14477.6	9174.8	6338.2	4739.4
7.5°	30551.2	37901.5	40926.5	41278.0	40926.5	37901.5	30551.2	21464.4	12541.2	7775.6	5371.9
5°	37579.9	45059.1	45924.8	43750.3	45924.8	45059.1	37579.9	27400.7	16656.3	9242.0	5788.4
2.5°	42219.5	47870.1	48677.1	47506.7	48677.1	47870.1	42219.5	31625.0	19036.5	10226.5	6068.7
0°	43277.5	47122.7	48269.0	48394.3	48269.0	47122.7	43277.5	33130.2	19965.9	10564.1	6143.9
-2.5°	42219.5	47870.1	48677.1	47506.7	48677.1	47870.1	42219.5	31625.0	19036.5	10226.5	6068.7
-5°	37579.9	45059.1	45924.8	43750.3	45924.8	45059.1	37579.9	27400.7	16656.3	9242.0	5788.4
-7.5°	30551.2	37901.5	40926.5	41278.0	40926.5	37901.5	30551.2	21464.4	12541.2	7775.6	5371.9
-10°	21239.2	27432.4	32378.4	33807.8	32378.4	27432.4	21239.2	14477.6	9174.8	6338.2	4739.4
-12.5°	12019.0	16158.7	18726.5	19360.7	18726.5	16158.7	12019.0	8978.1	6734.8	5318.0	3999.7
-15°	7335.0	8371.5	8956.0	8870.6	8956.0	8371.5	7335.0	6133.8	5251.9	4217.9	3119.0
-17.5°	5139.5	5407.3	5563.0	5561.0	5563.0	5407.3	5139.5	4599.1	3912.4	3094.4	2288.5
-20°	3717.4	3999.8	4147.6	4169.7	4147.6	3999.8	3717.4	3258.2	2708.0	2071.8	1551.0



REPORT NUMBER: P558679 (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°
-22.5°	2478.2	2730.1	2881.3	2936.8	2881.3	2730.1	2478.2	2110.1	1713.9	1324.9	958.4
-25°	1478.7	1638.4	1730.3	1722.8	1730.3	1638.4	1478.7	1259.0	1002.4	780.3	543.0
-27.5°	799.9	874.7	906.3	923.8	906.3	874.7	799.9	686.8	522.6	461.4	379.6
-30°	447.4	476.0	495.1	504.5	495.1	476.0	447.4	415.2	367.6	336.5	309.3
-32.5°	329.1	337.0	340.1	335.8	340.1	337.0	329.1	316.6	300.7	284.8	269.5
-35°	273.4	277.2	278.8	280.7	278.8	277.2	273.4	267.4	259.4	249.8	238.9
-37.5°	238.4	242.3	244.3	243.7	244.3	242.3	238.4	233.3	227.7	220.2	213.6
-40°	210.7	213.6	215.3	215.2	215.3	213.6	210.7	207.0	203.6	199.0	194.0
-42.5°	188.4	189.9	190.4	190.3	190.4	189.9	188.4	185.9	183.3	180.3	177.8
-45°	169.9	171.1	171.9	172.2	171.9	171.1	169.9	168.2	167.6	167.5	167.5
-47.5°	156.7	157.0	157.4	157.6	157.4	157.0	156.7	156.2	156.6	157.3	157.4
-50°	147.5	146.7	146.3	146.4	146.3	146.7	147.5	147.9	148.3	148.6	148.1
-52.5°	141.8	141.3	141.2	141.2	141.2	141.3	141.8	142.1	142.2	142.1	141.3
-55°	138.5	138.5	138.3	137.8	138.3	138.5	138.5	138.3	137.9	137.3	136.5
-57.5°	135.2	135.7	135.9	136.0	135.9	135.7	135.2	134.5	133.7	132.8	131.7
-60°	130.3	131.1	131.6	131.7	131.6	131.1	130.3	129.3	128.2	126.7	125.0
-62.5°	120.7	121.0	121.3	121.4	121.3	121.0	120.7	120.1	119.3	118.0	116.4
-65°	110.3	110.7	110.6	110.2	110.6	110.7	110.3	109.8	109.0	107.8	106.2
-67.5°	99.1	99.5	99.4	99.0	99.4	99.5	99.1	98.6	97.7	96.5	94.9
-70°	86.9	87.4	87.7	87.8	87.7	87.4	86.9	86.2	85.3	84.1	82.8
-72.5°	74.0	74.5	75.2	75.8	75.2	74.5	74.0	73.4	72.5	71.5	70.3
-75°	60.4	60.8	61.9	62.9	61.9	60.8	60.4	59.9	59.1	58.2	57.3
-77.5°	47.4	47.9	48.1	48.2	48.1	47.9	47.4	46.8	46.1	45.3	44.7
-80°	34.9	35.1	35.7	36.2	35.7	35.1	34.9	34.6	34.1	33.6	32.8
-82.5°	23.0	23.1	23.2	23.2	23.2	23.1	23.0	22.7	22.5	22.1	21.6
-85°	13.4	13.7	13.3	12.9	13.3	13.7	13.4	13.1	12.7	12.4	12.2
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	4.7
-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: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-NR-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°	4.5	4.2	3.9	4.0	4.1	4.2	4.3	4.1	4.0	3.8	3.7
85°	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.6	9.1	8.6	8.1
82.5°	21.0	20.4	19.7	19.2	18.6	17.9	17.2	16.4	15.5	14.5	13.4
80°	31.9	30.9	29.9	29.1	28.1	27.1	25.9	24.8	23.6	22.4	21.2
77.5°	43.9	42.8	41.7	40.5	39.2	37.8	36.4	34.7	33.0	31.3	29.5
75°	56.2	55.0	53.7	52.3	50.6	48.8	46.9	44.8	42.7	40.5	38.1
72.5°	68.9	67.3	65.7	64.0	62.2	60.2	58.0	55.6	52.9	50.0	47.2
70°	81.3	79.6	77.8	75.7	73.5	71.1	68.7	66.2	63.6	60.5	57.0
67.5°	93.1	91.2	89.2	87.0	84.5	81.8	79.1	76.2	73.2	70.0	66.4
65°	104.4	102.2	100.2	97.9	95.3	92.4	89.3	86.2	82.8	79.2	75.2
62.5°	114.7	112.9	110.7	108.1	105.4	102.6	99.3	95.7	92.0	88.2	83.8
60°	123.3	121.4	119.3	116.9	114.4	111.6	108.2	104.6	100.8	96.5	92.1
57.5°	130.2	128.4	126.5	124.4	122.1	119.3	116.1	112.8	108.8	104.4	99.9
55°	135.4	134.1	132.5	130.7	128.4	125.8	123.0	119.8	115.9	112.0	107.1
52.5°	140.1	138.9	137.7	136.2	134.1	131.5	128.8	125.6	122.3	118.2	113.8
50°	147.0	144.7	142.6	140.6	138.7	136.4	133.6	130.7	127.6	123.8	119.6
47.5°	155.7	152.0	148.4	145.6	143.1	140.6	137.9	135.1	132.1	128.7	124.6
45°	164.8	160.4	155.7	151.8	148.1	145.1	142.2	139.3	136.3	132.9	129.1
42.5°	174.4	169.8	164.5	159.4	154.3	150.2	146.5	143.5	140.3	136.9	133.0
40°	187.9	180.8	175.2	168.5	162.2	156.1	152.0	147.9	144.3	140.6	136.7
37.5°	205.8	197.5	188.8	180.1	172.0	164.3	158.4	153.4	148.5	144.5	140.2
35°	226.5	215.9	204.8	193.9	183.9	174.4	166.1	159.5	153.9	148.7	143.7
32.5°	253.6	238.3	223.6	210.0	196.7	185.1	175.0	166.6	159.7	153.7	147.8
30°	283.4	263.4	244.2	228.3	212.1	197.3	184.0	173.9	165.9	159.1	152.2
27.5°	331.7	293.1	268.6	246.8	228.1	210.9	194.9	180.5	171.7	164.4	157.0
25°	436.5	344.4	299.5	270.2	245.9	223.8	205.6	189.2	176.9	168.9	159.6
22.5°	637.1	461.7	346.3	295.2	265.7	239.2	216.5	198.0	181.0	170.9	161.3
20°	1034.9	641.1	443.5	336.7	287.3	254.1	227.5	206.5	187.7	173.2	162.5
17.5°	1572.3	990.0	566.5	390.4	316.2	272.8	239.8	214.4	193.8	175.7	163.2
15°	2148.1	1386.1	824.2	491.8	346.8	288.7	250.0	221.6	199.4	179.4	165.0
12.5°	2805.0	1800.7	1062.0	574.1	382.7	306.3	261.2	229.6	205.0	183.8	167.9
10°	3393.3	2219.7	1336.1	744.8	442.9	324.0	271.6	236.7	210.2	187.5	170.1
7.5°	3872.8	2614.9	1584.2	872.1	488.2	338.0	280.3	242.6	214.4	190.2	171.8
5°	4179.4	2906.5	1781.8	967.4	519.6	347.3	286.3	247.0	217.7	191.9	172.8
2.5°	4396.6	3099.5	1906.8	1022.9	536.4	352.4	290.5	249.7	220.1	194.0	174.5
0°	4407.3	3164.9	1949.2	1071.0	539.8	353.9	293.6	250.5	221.3	195.4	175.6
-2.5°	4396.6	3099.5	1906.8	1022.9	536.4	352.4	290.5	249.7	220.1	194.0	174.5
-5°	4179.4	2906.5	1781.8	967.4	519.6	347.3	286.3	247.0	217.7	191.9	172.8
-7.5°	3872.8	2614.9	1584.2	872.1	488.2	338.0	280.3	242.6	214.4	190.2	171.8
-10°	3393.3	2219.7	1336.1	744.8	442.9	324.0	271.6	236.7	210.2	187.5	170.1
-12.5°	2805.0	1800.7	1062.0	574.1	382.7	306.3	261.2	229.6	205.0	183.8	167.9
-15°	2148.1	1386.1	824.2	491.8	346.8	288.7	250.0	221.6	199.4	179.4	165.0
-17.5°	1572.3	990.0	566.5	390.4	316.2	272.8	239.8	214.4	193.8	175.7	163.2
-20°	1034.9	641.1	443.5	336.7	287.3	254.1	227.5	206.5	187.7	173.2	162.5



REPORT NUMBER: P558679 (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°	637.1	461.7	346.3	295.2	265.7	239.2	216.5	198.0	181.0	170.9	161.3
-25°	436.5	344.4	299.5	270.2	245.9	223.8	205.6	189.2	176.9	168.9	159.6
-27.5°	331.7	293.1	268.6	246.8	228.1	210.9	194.9	180.5	171.7	164.4	157.0
-30°	283.4	263.4	244.2	228.3	212.1	197.3	184.0	173.9	165.9	159.1	152.2
-32.5°	253.6	238.3	223.6	210.0	196.7	185.1	175.0	166.6	159.7	153.7	147.8
-35°	226.5	215.9	204.8	193.9	183.9	174.4	166.1	159.5	153.9	148.7	143.7
-37.5°	205.8	197.5	188.8	180.1	172.0	164.3	158.4	153.4	148.5	144.5	140.2
-40°	187.9	180.8	175.2	168.5	162.2	156.1	152.0	147.9	144.3	140.6	136.7
-42.5°	174.4	169.8	164.5	159.4	154.3	150.2	146.5	143.5	140.3	136.9	133.0
-45°	164.8	160.4	155.7	151.8	148.1	145.1	142.2	139.3	136.3	132.9	129.1
-47.5°	155.7	152.0	148.4	145.6	143.1	140.6	137.9	135.1	132.1	128.7	124.6
-50°	147.0	144.7	142.6	140.6	138.7	136.4	133.6	130.7	127.6	123.8	119.6
-52.5°	140.1	138.9	137.7	136.2	134.1	131.5	128.8	125.6	122.3	118.2	113.8
-55°	135.4	134.1	132.5	130.7	128.4	125.8	123.0	119.8	115.9	112.0	107.1
-57.5°	130.2	128.4	126.5	124.4	122.1	119.3	116.1	112.8	108.8	104.4	99.9
-60°	123.3	121.4	119.3	116.9	114.4	111.6	108.2	104.6	100.8	96.5	92.1
-62.5°	114.7	112.9	110.7	108.1	105.4	102.6	99.3	95.7	92.0	88.2	83.8
-65°	104.4	102.2	100.2	97.9	95.3	92.4	89.3	86.2	82.8	79.2	75.2
-67.5°	93.1	91.2	89.2	87.0	84.5	81.8	79.1	76.2	73.2	70.0	66.4
-70°	81.3	79.6	77.8	75.7	73.5	71.1	68.7	66.2	63.6	60.5	57.0
-72.5°	68.9	67.3	65.7	64.0	62.2	60.2	58.0	55.6	52.9	50.0	47.2
-75°	56.2	55.0	53.7	52.3	50.6	48.8	46.9	44.8	42.7	40.5	38.1
-77.5°	43.9	42.8	41.7	40.5	39.2	37.8	36.4	34.7	33.0	31.3	29.5
-80°	31.9	30.9	29.9	29.1	28.1	27.1	25.9	24.8	23.6	22.4	21.2
-82.5°	21.0	20.4	19.7	19.2	18.6	17.9	17.2	16.4	15.5	14.5	13.4
-85°	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.6	9.1	8.6	8.1
-87.5°	4.5	4.2	3.9	4.0	4.1	4.2	4.3	4.1	4.0	3.8	3.7
-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: P558679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-NR-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°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
85°	7.7	7.3	6.8	6.3	5.8	5.2	4.8	4.4	4.0	3.6	3.1
82.5°	12.6	12.0	11.4	10.7	10.0	9.3	8.4	7.5	6.4	5.4	4.7
80°	19.9	18.5	17.2	15.9	14.6	13.3	12.3	11.1	9.6	8.1	6.8
77.5°	27.6	25.6	23.5	21.7	19.9	18.2	16.4	14.7	12.7	10.9	9.1
75°	35.7	33.3	30.8	28.2	25.6	22.9	20.8	18.6	16.2	13.6	11.4
72.5°	44.4	41.5	38.3	35.0	31.9	28.8	25.5	22.4	19.7	16.9	13.8
70°	53.4	49.9	46.4	42.5	38.5	34.6	30.9	27.1	23.3	20.1	16.7
67.5°	62.4	58.2	54.1	49.8	45.3	40.7	36.2	31.9	27.7	23.3	19.6
65°	70.9	66.4	61.5	56.8	51.9	46.9	41.8	36.8	31.9	27.1	22.4
62.5°	79.3	74.5	69.2	63.7	58.2	52.8	47.2	41.8	36.2	30.9	25.5
60°	87.4	82.2	76.7	70.6	64.5	58.5	52.6	46.6	40.6	34.6	28.8
57.5°	94.9	89.7	83.7	77.3	70.8	64.2	57.8	51.4	44.9	38.3	31.9
55°	102.0	96.5	90.3	83.7	76.8	69.7	63.0	56.1	49.1	42.1	35.0
52.5°	108.7	102.9	96.5	89.8	82.6	75.2	68.1	60.6	53.2	45.7	38.1
50°	114.7	108.8	102.3	95.4	88.2	80.5	73.1	65.2	57.2	49.2	41.3
47.5°	120.0	114.2	107.8	100.7	93.2	85.7	77.8	69.6	61.0	52.6	44.3
45°	124.5	119.2	112.8	105.6	98.2	90.5	82.3	74.0	64.9	56.0	47.2
42.5°	128.7	123.5	117.4	110.3	102.9	95.0	86.5	77.9	68.7	59.2	50.1
40°	132.3	127.4	121.6	114.7	107.5	99.5	90.6	81.6	72.4	62.3	52.7
37.5°	135.8	130.9	125.2	119.2	111.8	103.6	94.5	85.0	75.7	65.4	55.3
35°	138.9	134.0	129.0	123.1	115.8	107.5	98.4	88.3	78.6	68.3	57.7
32.5°	142.1	136.9	131.9	126.4	119.7	111.2	101.8	91.5	81.3	71.0	60.0
30°	145.6	139.6	134.6	129.4	123.1	114.6	105.0	94.4	83.9	73.5	62.1
27.5°	148.4	141.7	136.9	131.8	125.8	117.8	107.7	97.0	86.2	75.7	64.2
25°	150.7	143.8	138.6	133.9	128.2	120.4	110.2	99.3	88.4	77.6	66.0
22.5°	152.6	145.5	140.0	135.7	130.4	122.7	112.4	101.4	90.3	79.4	67.7
20°	153.7	146.8	141.0	137.2	132.3	124.4	114.3	103.2	92.0	80.9	69.2
17.5°	154.0	147.7	142.3	138.2	133.7	126.2	115.9	104.8	93.5	82.3	70.6
15°	155.5	148.6	143.2	139.1	134.9	127.8	117.3	106.2	94.7	83.6	71.7
12.5°	157.0	149.3	143.9	139.8	135.9	129.5	118.5	107.3	95.7	84.6	72.7
10°	158.3	149.8	144.2	140.3	136.7	130.9	119.4	108.2	96.7	85.5	73.5
7.5°	159.4	150.0	144.2	140.7	137.3	132.1	120.2	108.9	97.6	86.1	74.1
5°	160.2	150.1	144.2	141.0	137.8	132.9	120.9	109.3	98.2	86.6	74.5
2.5°	160.8	150.1	144.1	141.2	138.3	133.3	121.3	109.4	98.7	86.9	74.8
0°	161.0	149.8	143.8	141.2	138.6	133.5	121.4	109.3	99.0	87.0	74.9
-2.5°	160.8	150.1	144.1	141.2	138.3	133.3	121.3	109.4	98.7	86.9	74.8
-5°	160.2	150.1	144.2	141.0	137.8	132.9	120.9	109.3	98.2	86.6	74.5
-7.5°	159.4	150.0	144.2	140.7	137.3	132.1	120.2	108.9	97.6	86.1	74.1
-10°	158.3	149.8	144.2	140.3	136.7	130.9	119.4	108.2	96.7	85.5	73.5
-12.5°	157.0	149.3	143.9	139.8	135.9	129.5	118.5	107.3	95.7	84.6	72.7
-15°	155.5	148.6	143.2	139.1	134.9	127.8	117.3	106.2	94.7	83.6	71.7
-17.5°	154.0	147.7	142.3	138.2	133.7	126.2	115.9	104.8	93.5	82.3	70.6
-20°	153.7	146.8	141.0	137.2	132.3	124.4	114.3	103.2	92.0	80.9	69.2



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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°	152.6	145.5	140.0	135.7	130.4	122.7	112.4	101.4	90.3	79.4	67.7
-25°	150.7	143.8	138.6	133.9	128.2	120.4	110.2	99.3	88.4	77.6	66.0
-27.5°	148.4	141.7	136.9	131.8	125.8	117.8	107.7	97.0	86.2	75.7	64.2
-30°	145.6	139.6	134.6	129.4	123.1	114.6	105.0	94.4	83.9	73.5	62.1
-32.5°	142.1	136.9	131.9	126.4	119.7	111.2	101.8	91.5	81.3	71.0	60.0
-35°	138.9	134.0	129.0	123.1	115.8	107.5	98.4	88.3	78.6	68.3	57.7
-37.5°	135.8	130.9	125.2	119.2	111.8	103.6	94.5	85.0	75.7	65.4	55.3
-40°	132.3	127.4	121.6	114.7	107.5	99.5	90.6	81.6	72.4	62.3	52.7
-42.5°	128.7	123.5	117.4	110.3	102.9	95.0	86.5	77.9	68.7	59.2	50.1
-45°	124.5	119.2	112.8	105.6	98.2	90.5	82.3	74.0	64.9	56.0	47.2
-47.5°	120.0	114.2	107.8	100.7	93.2	85.7	77.8	69.6	61.0	52.6	44.3
-50°	114.7	108.8	102.3	95.4	88.2	80.5	73.1	65.2	57.2	49.2	41.3
-52.5°	108.7	102.9	96.5	89.8	82.6	75.2	68.1	60.6	53.2	45.7	38.1
-55°	102.0	96.5	90.3	83.7	76.8	69.7	63.0	56.1	49.1	42.1	35.0
-57.5°	94.9	89.7	83.7	77.3	70.8	64.2	57.8	51.4	44.9	38.3	31.9
-60°	87.4	82.2	76.7	70.6	64.5	58.5	52.6	46.6	40.6	34.6	28.8
-62.5°	79.3	74.5	69.2	63.7	58.2	52.8	47.2	41.8	36.2	30.9	25.5
-65°	70.9	66.4	61.5	56.8	51.9	46.9	41.8	36.8	31.9	27.1	22.4
-67.5°	62.4	58.2	54.1	49.8	45.3	40.7	36.2	31.9	27.7	23.3	19.6
-70°	53.4	49.9	46.4	42.5	38.5	34.6	30.9	27.1	23.3	20.1	16.7
-72.5°	44.4	41.5	38.3	35.0	31.9	28.8	25.5	22.4	19.7	16.9	13.8
-75°	35.7	33.3	30.8	28.2	25.6	22.9	20.8	18.6	16.2	13.6	11.4
-77.5°	27.6	25.6	23.5	21.7	19.9	18.2	16.4	14.7	12.7	10.9	9.1
-80°	19.9	18.5	17.2	15.9	14.6	13.3	12.3	11.1	9.6	8.1	6.8
-82.5°	12.6	12.0	11.4	10.7	10.0	9.3	8.4	7.5	6.4	5.4	4.7
-85°	7.7	7.3	6.8	6.3	5.8	5.2	4.8	4.4	4.0	3.6	3.1
-87.5°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
-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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
77.5°	7.4	5.8	4.5	3.4	2.2	1.1	0.0
75°	9.4	7.5	5.4	4.0	2.7	1.3	0.0
72.5°	11.3	9.1	6.8	4.7	3.1	1.6	0.0
70°	13.3	10.8	8.2	5.4	3.6	1.8	0.0
67.5°	15.8	12.4	9.5	6.4	4.0	2.0	0.0
65°	18.2	14.2	10.8	7.4	4.4	2.2	0.0
62.5°	20.6	16.2	12.1	8.4	4.8	2.4	0.0
60°	22.9	18.1	13.4	9.4	5.2	2.6	0.0
57.5°	25.6	19.9	14.9	10.4	5.8	2.8	0.0
55°	28.2	21.7	16.3	11.3	6.5	3.0	0.0
52.5°	30.8	23.5	17.7	12.2	7.1	3.2	0.0
50°	33.3	25.6	19.0	13.1	7.6	3.3	0.0
47.5°	35.7	27.6	20.3	14.0	8.2	3.5	0.0
45°	38.2	29.5	21.5	14.9	8.8	3.7	0.0
42.5°	40.6	31.3	22.6	15.8	9.3	3.8	0.0
40°	43.0	33.1	23.9	16.6	9.8	4.0	0.0
37.5°	45.2	34.8	25.2	17.3	10.2	4.1	0.0
35°	47.4	36.5	26.5	18.1	10.7	4.3	0.0
32.5°	49.4	38.1	27.7	18.8	11.1	4.4	0.0
30°	51.2	39.7	28.8	19.4	11.5	4.5	0.0
27.5°	52.9	41.2	29.8	20.0	11.9	4.6	0.0
25°	54.5	42.5	30.8	20.5	12.2	4.7	0.0
22.5°	55.9	43.8	31.7	21.0	12.5	4.8	0.0
20°	57.2	44.9	32.6	21.5	12.8	4.9	0.0
17.5°	58.3	45.9	33.3	21.9	13.0	5.0	0.0
15°	59.3	46.8	34.0	22.2	13.2	5.0	0.0
12.5°	60.1	47.5	34.6	22.5	13.4	5.1	0.0
10°	60.8	48.1	35.1	22.8	13.5	5.1	0.0
7.5°	61.3	48.5	35.5	23.0	13.7	5.2	0.0
5°	61.7	48.8	35.8	23.1	13.7	5.2	0.0
2.5°	61.9	49.0	36.1	23.2	13.8	5.2	0.0
0°	62.0	49.1	36.2	23.2	13.8	5.2	0.0
-2.5°	61.9	49.0	36.1	23.2	13.8	5.2	0.0
-5°	61.7	48.8	35.8	23.1	13.7	5.2	0.0
-7.5°	61.3	48.5	35.5	23.0	13.7	5.2	0.0
-10°	60.8	48.1	35.1	22.8	13.5	5.1	0.0
-12.5°	60.1	47.5	34.6	22.5	13.4	5.1	0.0
-15°	59.3	46.8	34.0	22.2	13.2	5.0	0.0
-17.5°	58.3	45.9	33.3	21.9	13.0	5.0	0.0
-20°	57.2	44.9	32.6	21.5	12.8	4.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.9	43.8	31.7	21.0	12.5	4.8	0.0
-25°	54.5	42.5	30.8	20.5	12.2	4.7	0.0
-27.5°	52.9	41.2	29.8	20.0	11.9	4.6	0.0
-30°	51.2	39.7	28.8	19.4	11.5	4.5	0.0
-32.5°	49.4	38.1	27.7	18.8	11.1	4.4	0.0
-35°	47.4	36.5	26.5	18.1	10.7	4.3	0.0
-37.5°	45.2	34.8	25.2	17.3	10.2	4.1	0.0
-40°	43.0	33.1	23.9	16.6	9.8	4.0	0.0
-42.5°	40.6	31.3	22.6	15.8	9.3	3.8	0.0
-45°	38.2	29.5	21.5	14.9	8.8	3.7	0.0
-47.5°	35.7	27.6	20.3	14.0	8.2	3.5	0.0
-50°	33.3	25.6	19.0	13.1	7.6	3.3	0.0
-52.5°	30.8	23.5	17.7	12.2	7.1	3.2	0.0
-55°	28.2	21.7	16.3	11.3	6.5	3.0	0.0
-57.5°	25.6	19.9	14.9	10.4	5.8	2.8	0.0
-60°	22.9	18.1	13.4	9.4	5.2	2.6	0.0
-62.5°	20.6	16.2	12.1	8.4	4.8	2.4	0.0
-65°	18.2	14.2	10.8	7.4	4.4	2.2	0.0
-67.5°	15.8	12.4	9.5	6.4	4.0	2.0	0.0
-70°	13.3	10.8	8.2	5.4	3.6	1.8	0.0
-72.5°	11.3	9.1	6.8	4.7	3.1	1.6	0.0
-75°	9.4	7.5	5.4	4.0	2.7	1.3	0.0
-77.5°	7.4	5.8	4.5	3.4	2.2	1.1	0.0
-80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)