

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: P558647 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558647 (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-SA2B-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

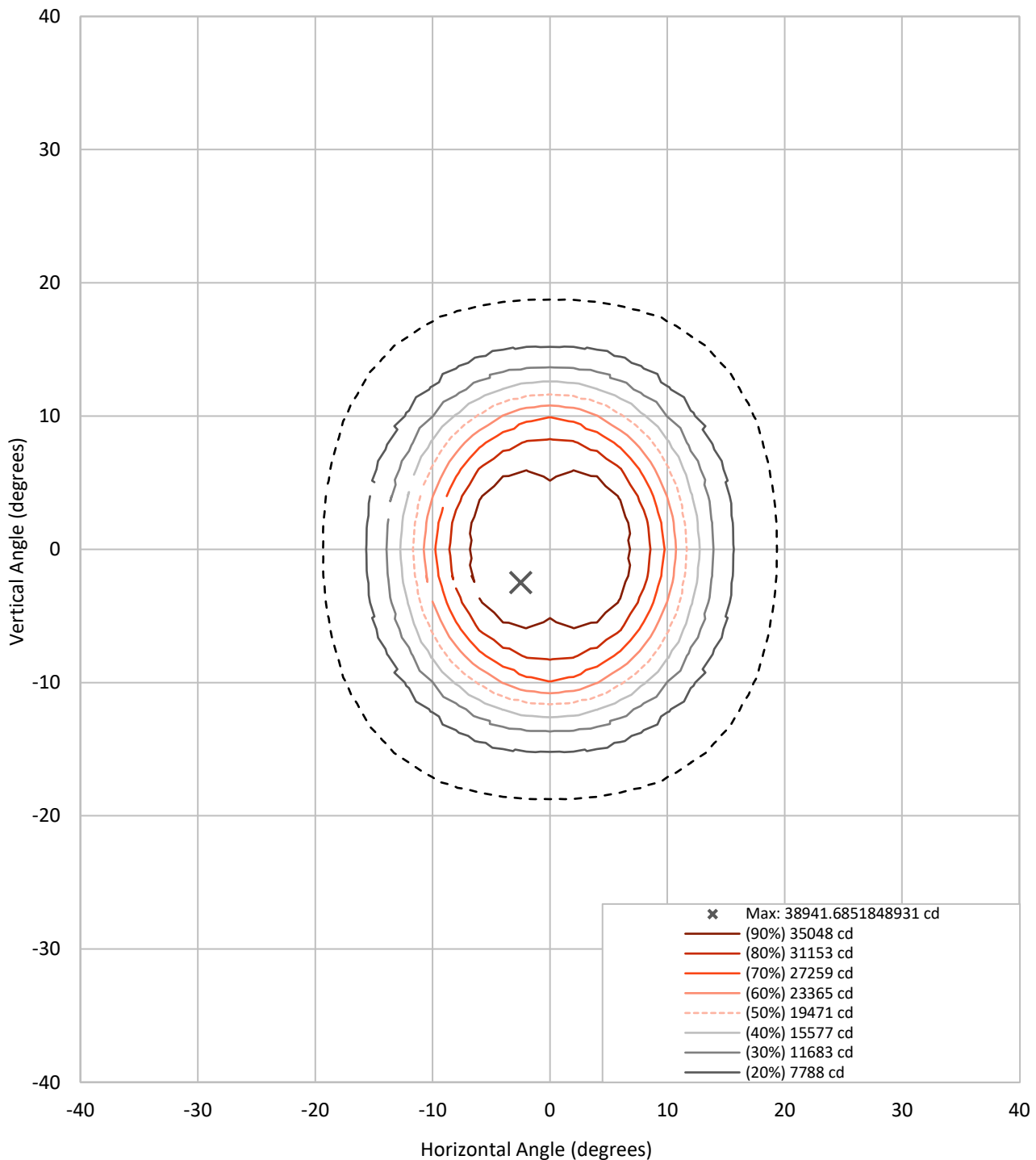
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7363.8 lumens	Max Intensity:	38941.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	116.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	3975.5 lumens	Field Lumens:	5995.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 63
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





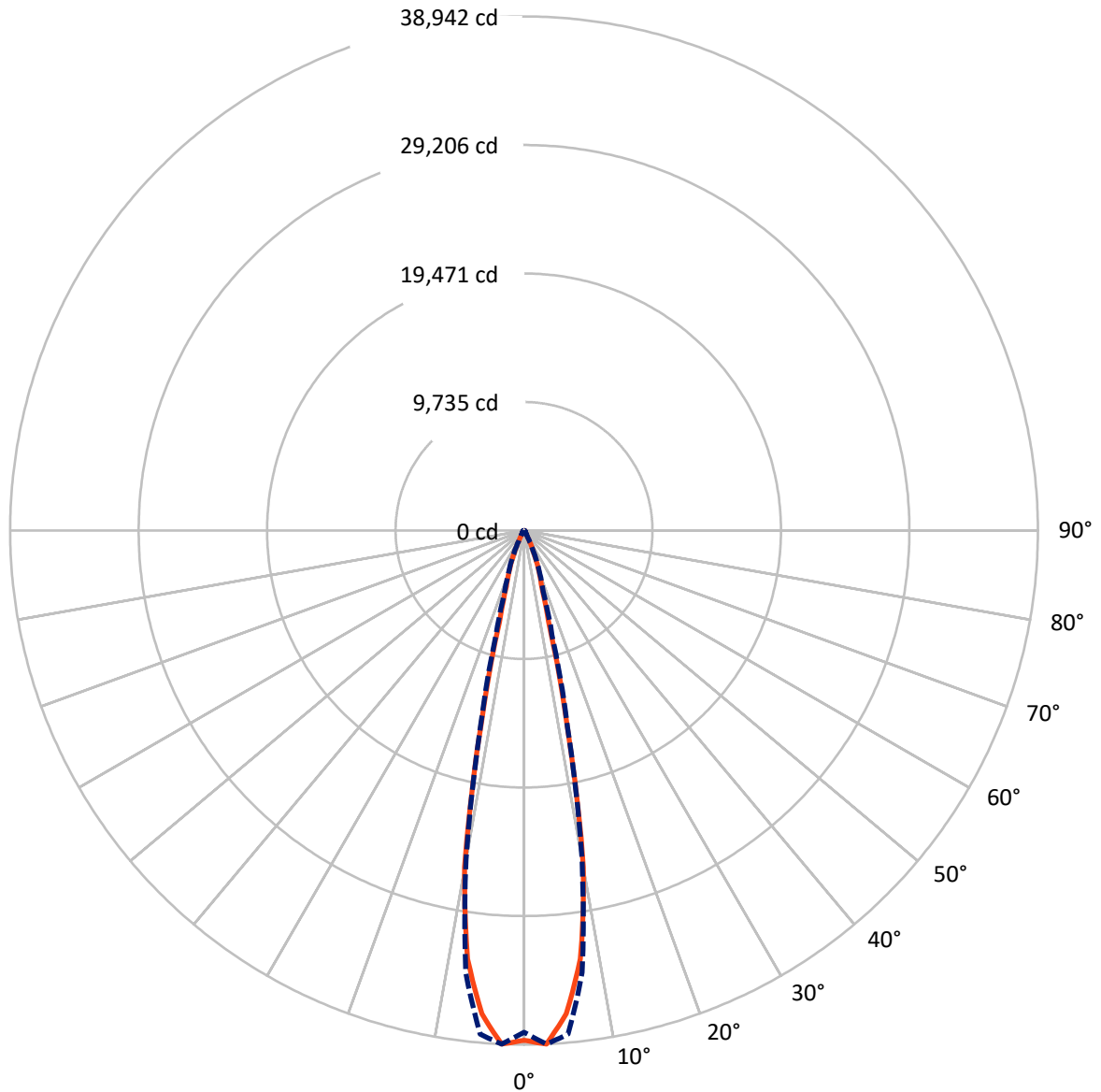
REPORT NUMBER: P558647 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.7	2.0	3.2	3.7	3.2	2.0	0.7	0.1										
80	0.1	0.7	2.0	3.2	3.7	3.2	2.0	0.7	0.1										
70	0.3	0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.5	2.2	1.8	1.3	0.8	0.4	0.3			
60		0.6	1.2	1.8	2.4	2.9	3.2	3.4	3.4	3.2	2.9	2.4	1.8	1.2	0.6				
50	0.6	0.8	1.5	2.2	2.8	3.5	4.0	4.2	4.2	4.0	3.5	2.8	2.2	1.5	0.8	0.6			
40		0.9	1.7	2.5	3.4	4.6	6.0	7.2	7.2	6.0	4.6	3.4	2.5	1.7	0.9				
30	0.8	1.0	1.9	2.7	4.2	7.5	22.6	44.1	44.1	22.6	7.5	4.2	2.7	1.9	1.0	0.8			
20		1.1	1.9	2.9	5.2	22.3	103.1	265.1	265.1	103.1	22.3	5.2	2.9	1.9	1.1				
10	0.9	1.1	2.0	3.1	6.2	43.5	268.5	948.4	948.4	268.5	43.5	6.2	3.1	2.0	1.1	0.9			
0		1.1	2.0	3.1	6.2	43.5	268.5	948.4	948.4	268.5	43.5	6.2	3.1	2.0	1.1				
-10	0.8	1.1	1.9	2.9	5.2	22.3	103.1	265.1	265.1	103.1	22.3	5.2	2.9	1.9	1.1	0.8			
-20		1.0	1.9	2.7	4.2	7.5	22.6	44.1	44.1	22.6	7.5	4.2	2.7	1.9	1.0				
-30	0.6	0.9	1.7	2.5	3.4	4.6	6.0	7.2	7.2	6.0	4.6	3.4	2.5	1.7	0.9	0.6			
-40		0.8	1.5	2.2	2.8	3.5	4.0	4.2	4.2	4.0	3.5	2.8	2.2	1.5	0.8				
-50	0.3	0.6	1.2	1.8	2.4	2.9	3.2	3.4	3.4	3.2	2.9	2.4	1.8	1.2	0.6	0.3			
-60		0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.5	2.2	1.8	1.3	0.8	0.4				
-70	0.1	0.7	2.0	3.2	3.7	3.2	2.0	0.7	0.1						0.1				
-80		0.1	0.7	2.0	3.2	3.7	3.2	2.0	0.7	0.1									
-90	0.1	0.7	2.0	3.2	3.7	3.2	2.0	0.7	0.1						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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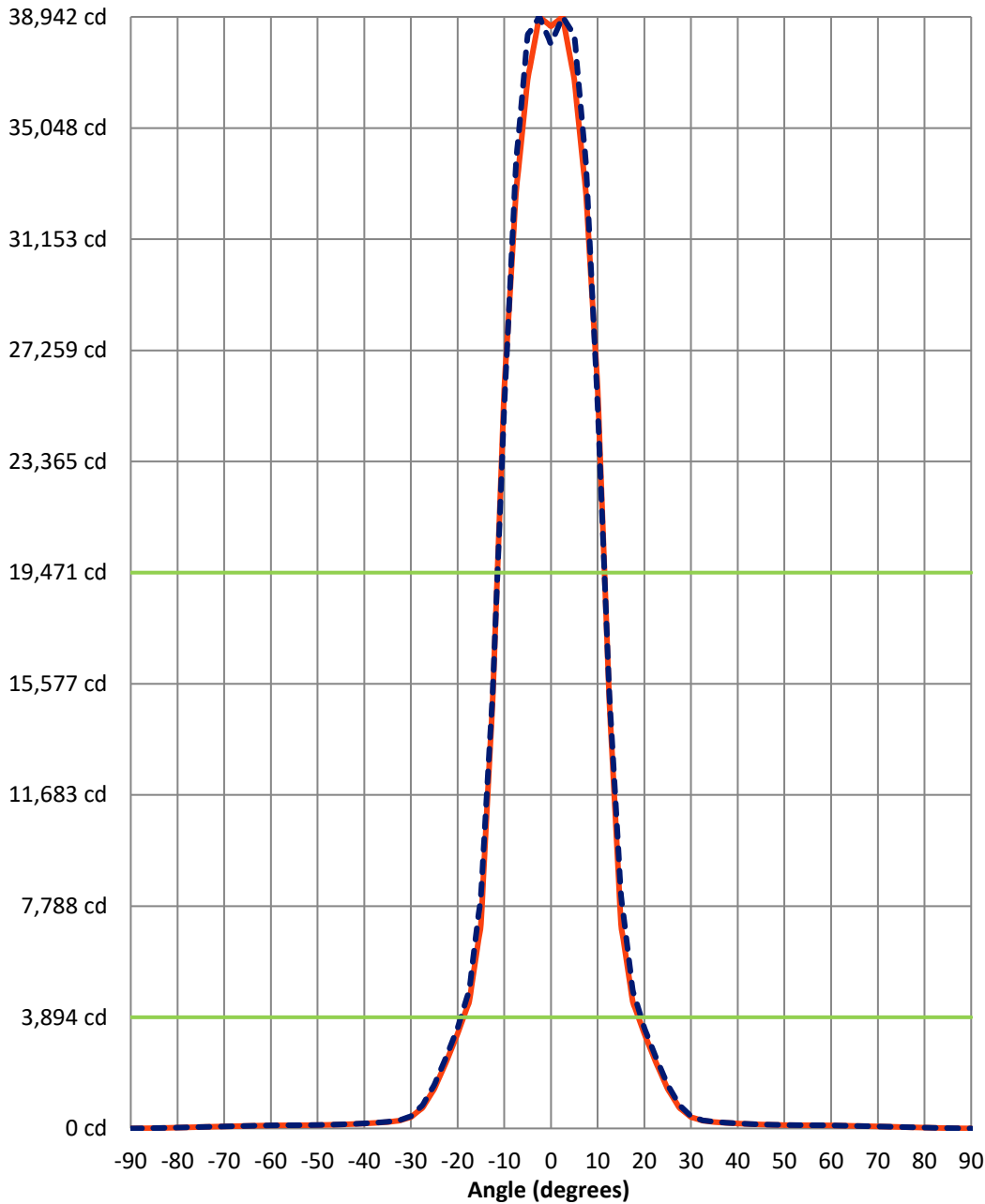
Luminous Intensity Polar Plot



— Vertical Distribution Through -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: 3975.5
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 5995.3
Efficiency: 81.4%

Spill:
Lumens: 1368.5
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	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.1	5.9
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.4	6.5	7.6	8.8
77.5°	0.0	0.9	1.8	2.7	3.5	4.6	5.9	7.2	8.7	10.1	11.7
75°	0.0	1.1	2.1	3.2	4.3	5.9	7.4	9.1	10.9	12.9	14.9
72.5°	0.0	1.2	2.5	3.7	5.4	7.3	9.0	11.0	13.5	15.8	18.0
70°	0.0	1.4	2.8	4.3	6.5	8.6	10.6	13.4	16.1	18.7	21.7
67.5°	0.0	1.6	3.1	5.1	7.6	9.9	12.6	15.7	18.7	22.1	25.5
65°	0.0	1.7	3.5	5.9	8.6	11.4	14.6	17.9	21.7	25.5	29.4
62.5°	0.0	1.9	3.8	6.7	9.7	12.9	16.5	20.4	24.7	28.9	33.4
60°	0.0	2.0	4.1	7.5	10.7	14.5	18.4	23.0	27.6	32.5	37.3
57.5°	0.0	2.2	4.6	8.2	11.9	16.0	20.5	25.5	30.7	36.0	41.2
55°	0.0	2.4	5.1	9.0	13.0	17.4	22.6	27.9	33.7	39.3	44.9
52.5°	0.0	2.5	5.6	9.7	14.1	18.9	24.6	30.5	36.6	42.6	48.5
50°	0.0	2.6	6.1	10.4	15.2	20.5	26.6	33.0	39.4	45.8	52.2
47.5°	0.0	2.8	6.5	11.1	16.2	22.1	28.5	35.5	42.1	48.8	55.7
45°	0.0	2.9	7.0	11.9	17.2	23.6	30.5	37.8	44.8	52.0	59.2
42.5°	0.0	3.0	7.4	12.6	18.2	25.1	32.5	40.1	47.4	55.0	62.3
40°	0.0	3.1	7.8	13.2	19.2	26.4	34.4	42.2	49.8	57.9	65.2
37.5°	0.0	3.3	8.1	13.9	20.2	27.8	36.2	44.3	52.3	60.6	68.0
35°	0.0	3.4	8.5	14.5	21.2	29.1	37.9	46.2	54.6	62.9	70.6
32.5°	0.0	3.5	8.8	15.0	22.1	30.5	39.5	48.0	56.7	65.1	73.2
30°	0.0	3.6	9.1	15.5	23.0	31.7	41.0	49.7	58.7	67.1	75.5
27.5°	0.0	3.6	9.4	16.0	23.9	32.9	42.3	51.3	60.5	69.0	77.6
25°	0.0	3.7	9.7	16.5	24.6	34.0	43.6	52.8	62.1	70.7	79.4
22.5°	0.0	3.8	9.9	16.9	25.4	35.0	44.7	54.2	63.5	72.3	81.1
20°	0.0	3.9	10.2	17.2	26.0	35.9	45.8	55.4	64.7	73.6	82.5
17.5°	0.0	3.9	10.4	17.5	26.6	36.7	46.7	56.5	65.9	74.8	83.8
15°	0.0	4.0	10.5	17.8	27.2	37.4	47.4	57.4	66.8	75.7	84.9
12.5°	0.0	4.0	10.7	18.1	27.6	38.0	48.1	58.1	67.7	76.5	85.9
10°	0.0	4.0	10.8	18.3	28.0	38.5	48.6	58.8	68.4	77.3	86.6
7.5°	0.0	4.1	10.9	18.4	28.4	38.8	49.1	59.3	68.9	78.0	87.1
5°	0.0	4.1	10.9	18.5	28.6	39.1	49.4	59.6	69.3	78.6	87.5
2.5°	0.0	4.1	11.0	18.6	28.8	39.2	49.5	59.8	69.5	79.0	87.6
0°	0.0	4.1	11.0	18.6	28.9	39.3	49.6	59.9	69.6	79.2	87.5
-2.5°	0.0	4.1	11.0	18.6	28.9	39.3	49.6	59.9	69.6	79.2	87.5
-5°	0.0	4.1	10.9	18.5	28.6	39.1	49.4	59.6	69.3	78.6	87.5
-7.5°	0.0	4.1	10.9	18.4	28.4	38.8	49.1	59.3	68.9	78.0	87.1
-10°	0.0	4.0	10.8	18.3	28.0	38.5	48.6	58.8	68.4	77.3	86.6
-12.5°	0.0	4.0	10.7	18.1	27.6	38.0	48.1	58.1	67.7	76.5	85.9
-15°	0.0	4.0	10.5	17.8	27.2	37.4	47.4	57.4	66.8	75.7	84.9
-17.5°	0.0	3.9	10.4	17.5	26.6	36.7	46.7	56.5	65.9	74.8	83.8
-20°	0.0	3.9	10.2	17.2	26.0	35.9	45.8	55.4	64.7	73.6	82.5



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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	3.8	9.9	16.9	25.4	35.0	44.7	54.2	63.5	72.3	81.1
-25°	0.0	3.7	9.7	16.5	24.6	34.0	43.6	52.8	62.1	70.7	79.4
-27.5°	0.0	3.6	9.4	16.0	23.9	32.9	42.3	51.3	60.5	69.0	77.6
-30°	0.0	3.6	9.1	15.5	23.0	31.7	41.0	49.7	58.7	67.1	75.5
-32.5°	0.0	3.5	8.8	15.0	22.1	30.5	39.5	48.0	56.7	65.1	73.2
-35°	0.0	3.4	8.5	14.5	21.2	29.1	37.9	46.2	54.6	62.9	70.6
-37.5°	0.0	3.3	8.1	13.9	20.2	27.8	36.2	44.3	52.3	60.6	68.0
-40°	0.0	3.1	7.8	13.2	19.2	26.4	34.4	42.2	49.8	57.9	65.2
-42.5°	0.0	3.0	7.4	12.6	18.2	25.1	32.5	40.1	47.4	55.0	62.3
-45°	0.0	2.9	7.0	11.9	17.2	23.6	30.5	37.8	44.8	52.0	59.2
-47.5°	0.0	2.8	6.5	11.1	16.2	22.1	28.5	35.5	42.1	48.8	55.7
-50°	0.0	2.6	6.1	10.4	15.2	20.5	26.6	33.0	39.4	45.8	52.2
-52.5°	0.0	2.5	5.6	9.7	14.1	18.9	24.6	30.5	36.6	42.6	48.5
-55°	0.0	2.4	5.1	9.0	13.0	17.4	22.6	27.9	33.7	39.3	44.9
-57.5°	0.0	2.2	4.6	8.2	11.9	16.0	20.5	25.5	30.7	36.0	41.2
-60°	0.0	2.0	4.1	7.5	10.7	14.5	18.4	23.0	27.6	32.5	37.3
-62.5°	0.0	1.9	3.8	6.7	9.7	12.9	16.5	20.4	24.7	28.9	33.4
-65°	0.0	1.7	3.5	5.9	8.6	11.4	14.6	17.9	21.7	25.5	29.4
-67.5°	0.0	1.6	3.1	5.1	7.6	9.9	12.6	15.7	18.7	22.1	25.5
-70°	0.0	1.4	2.8	4.3	6.5	8.6	10.6	13.4	16.1	18.7	21.7
-72.5°	0.0	1.2	2.5	3.7	5.4	7.3	9.0	11.0	13.5	15.8	18.0
-75°	0.0	1.1	2.1	3.2	4.3	5.9	7.4	9.1	10.9	12.9	14.9
-77.5°	0.0	0.9	1.8	2.7	3.5	4.6	5.9	7.2	8.7	10.1	11.7
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.4	6.5	7.6	8.8
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.1	5.9
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.6	5.0	5.4	5.8	6.1	6.4	6.8	7.2	7.6
82.5°	6.7	7.4	8.0	8.6	9.1	9.5	10.0	10.7	11.6	12.4	13.1
80°	9.8	10.6	11.6	12.7	13.8	14.8	15.9	17.0	18.0	18.9	19.8
77.5°	13.1	14.5	15.9	17.4	18.9	20.5	22.1	23.6	25.0	26.4	27.7
75°	16.6	18.4	20.5	22.6	24.6	26.6	28.5	30.5	32.4	34.2	35.9
72.5°	20.4	23.0	25.5	27.9	30.6	33.2	35.5	37.8	40.0	42.3	44.5
70°	24.7	27.6	30.7	34.0	37.1	39.9	42.7	45.6	48.4	50.9	53.0
67.5°	28.9	32.6	36.2	39.9	43.3	46.5	49.9	53.1	56.0	58.5	61.0
65°	33.4	37.5	41.5	45.4	49.2	53.1	56.7	60.1	63.3	66.2	68.9
62.5°	37.8	42.2	46.6	50.9	55.4	59.6	63.4	67.0	70.5	73.6	76.6
60°	42.1	46.9	51.6	56.5	61.3	65.7	69.8	73.6	77.2	80.7	83.7
57.5°	46.3	51.4	56.6	61.8	66.9	71.7	75.9	79.9	83.6	87.0	90.2
55°	50.4	55.8	61.4	66.9	72.2	77.2	81.7	85.7	89.6	92.7	95.8
52.5°	54.5	60.1	66.1	71.8	77.2	82.3	87.0	91.0	94.6	97.8	100.5
50°	58.4	64.4	70.5	76.3	81.9	87.1	91.7	95.7	99.1	102.1	104.6
47.5°	62.2	68.5	74.6	80.6	86.2	91.4	96.0	99.7	103.0	105.7	108.0
45°	65.8	72.4	78.6	84.5	90.2	95.3	99.6	103.3	106.3	109.0	111.4
42.5°	69.2	76.0	82.4	88.3	93.9	98.8	103.0	106.4	109.5	112.2	114.8
40°	72.5	79.6	86.0	91.8	97.3	102.0	105.9	109.4	112.4	115.5	118.4
37.5°	75.6	82.8	89.5	95.4	100.2	104.8	108.6	112.1	115.5	118.9	122.7
35°	78.7	86.0	92.7	98.5	103.2	107.2	111.1	115.0	119.0	123.1	127.6
32.5°	81.5	89.0	95.8	101.1	105.6	109.6	113.6	118.2	123.0	127.7	133.2
30°	84.0	91.7	98.5	103.5	107.7	111.6	116.5	121.7	127.2	132.7	139.1
27.5°	86.1	94.3	100.6	105.5	109.5	113.4	118.7	125.6	131.5	137.4	144.4
25°	88.2	96.3	102.6	107.1	110.9	115.0	120.6	127.6	135.2	141.5	151.3
22.5°	89.9	98.2	104.3	108.5	112.0	116.4	122.1	129.0	136.8	144.7	158.4
20°	91.4	99.5	105.8	109.8	112.9	117.5	122.9	130.0	138.6	150.1	165.2
17.5°	92.7	100.9	107.0	110.6	113.9	118.2	123.2	130.6	140.5	155.0	171.5
15°	93.9	102.3	107.9	111.3	114.6	118.9	124.4	132.0	143.5	159.5	177.3
12.5°	94.8	103.6	108.7	111.8	115.1	119.4	125.6	134.3	147.1	163.9	183.7
10°	95.5	104.8	109.3	112.3	115.4	119.8	126.6	136.1	150.0	168.1	189.3
7.5°	96.2	105.7	109.8	112.6	115.4	120.0	127.5	137.4	152.2	171.5	194.0
5°	96.7	106.3	110.3	112.8	115.4	120.0	128.1	138.2	153.6	174.1	197.6
2.5°	97.0	106.7	110.6	113.0	115.2	120.0	128.6	139.6	155.3	176.0	199.7
0°	97.1	106.8	110.9	113.0	115.0	119.8	128.8	140.5	156.4	177.0	200.4
-2.5°	97.0	106.7	110.6	113.0	115.2	120.0	128.6	139.6	155.3	176.0	199.7
-5°	96.7	106.3	110.3	112.8	115.4	120.0	128.1	138.2	153.6	174.1	197.6
-7.5°	96.2	105.7	109.8	112.6	115.4	120.0	127.5	137.4	152.2	171.5	194.0
-10°	95.5	104.8	109.3	112.3	115.4	119.8	126.6	136.1	150.0	168.1	189.3
-12.5°	94.8	103.6	108.7	111.8	115.1	119.4	125.6	134.3	147.1	163.9	183.7
-15°	93.9	102.3	107.9	111.3	114.6	118.9	124.4	132.0	143.5	159.5	177.3
-17.5°	92.7	100.9	107.0	110.6	113.9	118.2	123.2	130.6	140.5	155.0	171.5
-20°	91.4	99.5	105.8	109.8	112.9	117.5	122.9	130.0	138.6	150.1	165.2



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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°	89.9	98.2	104.3	108.5	112.0	116.4	122.1	129.0	136.8	144.7	158.4
-25°	88.2	96.3	102.6	107.1	110.9	115.0	120.6	127.6	135.2	141.5	151.3
-27.5°	86.1	94.3	100.6	105.5	109.5	113.4	118.7	125.6	131.5	137.4	144.4
-30°	84.0	91.7	98.5	103.5	107.7	111.6	116.5	121.7	127.2	132.7	139.1
-32.5°	81.5	89.0	95.8	101.1	105.6	109.6	113.6	118.2	123.0	127.7	133.2
-35°	78.7	86.0	92.7	98.5	103.2	107.2	111.1	115.0	119.0	123.1	127.6
-37.5°	75.6	82.8	89.5	95.4	100.2	104.8	108.6	112.1	115.5	118.9	122.7
-40°	72.5	79.6	86.0	91.8	97.3	102.0	105.9	109.4	112.4	115.5	118.4
-42.5°	69.2	76.0	82.4	88.3	93.9	98.8	103.0	106.4	109.5	112.2	114.8
-45°	65.8	72.4	78.6	84.5	90.2	95.3	99.6	103.3	106.3	109.0	111.4
-47.5°	62.2	68.5	74.6	80.6	86.2	91.4	96.0	99.7	103.0	105.7	108.0
-50°	58.4	64.4	70.5	76.3	81.9	87.1	91.7	95.7	99.1	102.1	104.6
-52.5°	54.5	60.1	66.1	71.8	77.2	82.3	87.0	91.0	94.6	97.8	100.5
-55°	50.4	55.8	61.4	66.9	72.2	77.2	81.7	85.7	89.6	92.7	95.8
-57.5°	46.3	51.4	56.6	61.8	66.9	71.7	75.9	79.9	83.6	87.0	90.2
-60°	42.1	46.9	51.6	56.5	61.3	65.7	69.8	73.6	77.2	80.7	83.7
-62.5°	37.8	42.2	46.6	50.9	55.4	59.6	63.4	67.0	70.5	73.6	76.6
-65°	33.4	37.5	41.5	45.4	49.2	53.1	56.7	60.1	63.3	66.2	68.9
-67.5°	28.9	32.6	36.2	39.9	43.3	46.5	49.9	53.1	56.0	58.5	61.0
-70°	24.7	27.6	30.7	34.0	37.1	39.9	42.7	45.6	48.4	50.9	53.0
-72.5°	20.4	23.0	25.5	27.9	30.6	33.2	35.5	37.8	40.0	42.3	44.5
-75°	16.6	18.4	20.5	22.6	24.6	26.6	28.5	30.5	32.4	34.2	35.9
-77.5°	13.1	14.5	15.9	17.4	18.9	20.5	22.1	23.6	25.0	26.4	27.7
-80°	9.8	10.6	11.6	12.7	13.8	14.8	15.9	17.0	18.0	18.9	19.8
-82.5°	6.7	7.4	8.0	8.6	9.1	9.5	10.0	10.7	11.6	12.4	13.1
-85°	3.8	4.1	4.6	5.0	5.4	5.8	6.1	6.4	6.8	7.2	7.6
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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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 CATALOG NUMBER: GFLD-SA2B-940-U-NR-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°	3.4	3.3	3.2	3.2	3.1	3.3	3.5	3.7	4.0	4.0	4.0
85°	8.0	8.3	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.2	10.4
82.5°	13.8	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.7	18.0	18.2
80°	20.7	21.6	22.5	23.3	23.9	24.8	25.5	26.2	26.9	27.3	27.6
77.5°	29.1	30.3	31.4	32.4	33.4	34.3	35.1	35.7	36.2	36.9	37.5
75°	37.5	39.1	40.5	41.9	43.0	44.0	45.0	45.8	46.6	47.3	47.9
72.5°	46.4	48.2	49.7	51.2	52.5	53.9	55.1	56.2	57.2	58.0	58.7
70°	55.0	56.9	58.8	60.6	62.2	63.7	65.1	66.3	67.4	68.2	69.0
67.5°	63.2	65.4	67.6	69.6	71.4	73.0	74.5	75.9	77.2	78.2	78.9
65°	71.5	73.9	76.2	78.3	80.1	81.8	83.5	85.0	86.2	87.2	87.8
62.5°	79.5	82.1	84.3	86.5	88.5	90.3	91.7	93.1	94.4	95.4	96.0
60°	86.6	89.3	91.5	93.5	95.4	97.1	98.6	100.0	101.4	102.6	103.5
57.5°	92.9	95.4	97.7	99.5	101.2	102.7	104.1	105.3	106.2	106.9	107.6
55°	98.4	100.6	102.8	104.5	106.0	107.2	108.3	109.1	109.8	110.3	110.6
52.5°	103.1	105.2	107.2	109.0	110.1	111.2	112.1	113.1	113.7	113.7	113.7
50°	106.8	109.1	111.0	112.5	114.1	115.8	117.6	118.5	118.8	118.6	118.3
47.5°	110.3	112.5	114.6	116.5	118.7	121.6	124.5	125.9	125.8	125.2	124.9
45°	113.8	116.1	118.5	121.5	124.6	128.4	131.8	134.0	134.0	134.0	134.5
42.5°	117.3	120.2	123.5	127.5	131.6	135.8	139.5	142.2	144.2	146.6	148.7
40°	121.6	124.9	129.8	134.8	140.1	144.6	150.3	155.2	159.2	162.9	165.7
37.5°	126.7	131.4	137.6	144.0	151.0	158.0	164.7	170.8	176.1	182.2	186.7
35°	132.8	139.5	147.1	155.2	163.8	172.7	181.2	191.1	199.8	207.5	213.9
32.5°	140.0	148.1	157.4	168.0	178.8	190.6	202.9	215.6	227.8	240.5	253.3
30°	147.2	157.9	169.7	182.6	195.4	210.7	226.7	247.5	269.2	294.0	332.1
27.5°	156.0	168.7	182.5	197.4	214.9	234.5	265.3	303.7	369.1	418.1	549.5
25°	164.6	179.1	196.8	216.1	239.6	275.5	349.2	434.4	624.2	801.9	1007.2
22.5°	173.2	191.4	212.6	236.2	277.0	369.4	509.7	766.7	1059.9	1371.1	1688.1
20°	182.0	203.3	229.9	269.3	354.8	512.9	827.9	1240.8	1657.4	2166.4	2606.5
17.5°	191.8	218.3	253.0	312.3	453.2	792.0	1257.9	1830.8	2475.6	3129.9	3679.2
15°	200.0	231.0	277.4	393.4	659.4	1108.8	1718.5	2495.2	3374.3	4201.5	4907.1
12.5°	209.0	245.0	306.1	459.2	849.6	1440.5	2244.0	3199.8	4254.4	5387.9	7182.5
10°	217.3	259.2	354.3	595.9	1068.9	1775.7	2714.6	3791.5	5070.5	7339.8	11582.0
7.5°	224.3	270.4	390.5	697.7	1267.4	2091.9	3098.3	4297.5	6220.4	10033.0	17171.6
5°	229.0	277.9	415.7	773.9	1425.5	2325.2	3343.5	4630.7	7393.6	13325.1	21920.6
2.5°	232.4	281.9	429.1	818.3	1525.5	2479.7	3517.3	4854.9	8181.2	15229.2	25300.0
0°	234.9	283.1	431.9	856.8	1559.4	2531.9	3525.8	4915.1	8451.3	15972.7	26504.1
-2.5°	232.4	281.9	429.1	818.3	1525.5	2479.7	3517.3	4854.9	8181.2	15229.2	25300.0
-5°	229.0	277.9	415.7	773.9	1425.5	2325.2	3343.5	4630.7	7393.6	13325.1	21920.6
-7.5°	224.3	270.4	390.5	697.7	1267.4	2091.9	3098.3	4297.5	6220.4	10033.0	17171.6
-10°	217.3	259.2	354.3	595.9	1068.9	1775.7	2714.6	3791.5	5070.5	7339.8	11582.0
-12.5°	209.0	245.0	306.1	459.2	849.6	1440.5	2244.0	3199.8	4254.4	5387.9	7182.5
-15°	200.0	231.0	277.4	393.4	659.4	1108.8	1718.5	2495.2	3374.3	4201.5	4907.1
-17.5°	191.8	218.3	253.0	312.3	453.2	792.0	1257.9	1830.8	2475.6	3129.9	3679.2
-20°	182.0	203.3	229.9	269.3	354.8	512.9	827.9	1240.8	1657.4	2166.4	2606.5



REPORT NUMBER: P558647 (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°	173.2	191.4	212.6	236.2	277.0	369.4	509.7	766.7	1059.9	1371.1	1688.1
-25°	164.6	179.1	196.8	216.1	239.6	275.5	349.2	434.4	624.2	801.9	1007.2
-27.5°	156.0	168.7	182.5	197.4	214.9	234.5	265.3	303.7	369.1	418.1	549.5
-30°	147.2	157.9	169.7	182.6	195.4	210.7	226.7	247.5	269.2	294.0	332.1
-32.5°	140.0	148.1	157.4	168.0	178.8	190.6	202.9	215.6	227.8	240.5	253.3
-35°	132.8	139.5	147.1	155.2	163.8	172.7	181.2	191.1	199.8	207.5	213.9
-37.5°	126.7	131.4	137.6	144.0	151.0	158.0	164.7	170.8	176.1	182.2	186.7
-40°	121.6	124.9	129.8	134.8	140.1	144.6	150.3	155.2	159.2	162.9	165.7
-42.5°	117.3	120.2	123.5	127.5	131.6	135.8	139.5	142.2	144.2	146.6	148.7
-45°	113.8	116.1	118.5	121.5	124.6	128.4	131.8	134.0	134.0	134.0	134.5
-47.5°	110.3	112.5	114.6	116.5	118.7	121.6	124.5	125.9	125.8	125.2	124.9
-50°	106.8	109.1	111.0	112.5	114.1	115.8	117.6	118.5	118.8	118.6	118.3
-52.5°	103.1	105.2	107.2	109.0	110.1	111.2	112.1	113.1	113.7	113.7	113.7
-55°	98.4	100.6	102.8	104.5	106.0	107.2	108.3	109.1	109.8	110.3	110.6
-57.5°	92.9	95.4	97.7	99.5	101.2	102.7	104.1	105.3	106.2	106.9	107.6
-60°	86.6	89.3	91.5	93.5	95.4	97.1	98.6	100.0	101.4	102.6	103.5
-62.5°	79.5	82.1	84.3	86.5	88.5	90.3	91.7	93.1	94.4	95.4	96.0
-65°	71.5	73.9	76.2	78.3	80.1	81.8	83.5	85.0	86.2	87.2	87.8
-67.5°	63.2	65.4	67.6	69.6	71.4	73.0	74.5	75.9	77.2	78.2	78.9
-70°	55.0	56.9	58.8	60.6	62.2	63.7	65.1	66.3	67.4	68.2	69.0
-72.5°	46.4	48.2	49.7	51.2	52.5	53.9	55.1	56.2	57.2	58.0	58.7
-75°	37.5	39.1	40.5	41.9	43.0	44.0	45.0	45.8	46.6	47.3	47.9
-77.5°	29.1	30.3	31.4	32.4	33.4	34.3	35.1	35.7	36.2	36.9	37.5
-80°	20.7	21.6	22.5	23.3	23.9	24.8	25.5	26.2	26.9	27.3	27.6
-82.5°	13.8	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.7	18.0	18.2
-85°	8.0	8.3	8.5	8.8	9.0	9.3	9.5	9.7	9.9	10.2	10.4
-87.5°	3.4	3.3	3.2	3.2	3.1	3.3	3.5	3.7	4.0	4.0	4.0
-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: P558647 (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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.7
85°	10.7	10.9	10.6	10.3	10.6	10.9	10.7	10.4	10.2	9.9	9.7
82.5°	18.4	18.5	18.6	18.6	18.6	18.5	18.4	18.2	18.0	17.7	17.3
80°	27.9	28.1	28.5	28.9	28.5	28.1	27.9	27.6	27.3	26.9	26.2
77.5°	38.0	38.4	38.6	38.6	38.6	38.4	38.0	37.5	36.9	36.2	35.7
75°	48.3	48.7	49.5	50.3	49.5	48.7	48.3	47.9	47.3	46.6	45.8
72.5°	59.2	59.6	60.2	60.6	60.2	59.6	59.2	58.7	58.0	57.2	56.2
70°	69.6	70.0	70.2	70.3	70.2	70.0	69.6	69.0	68.2	67.4	66.3
67.5°	79.3	79.6	79.5	79.2	79.5	79.6	79.3	78.9	78.2	77.2	75.9
65°	88.3	88.6	88.5	88.2	88.5	88.6	88.3	87.8	87.2	86.2	85.0
62.5°	96.5	96.8	97.0	97.1	97.0	96.8	96.5	96.0	95.4	94.4	93.1
60°	104.3	104.9	105.3	105.4	105.3	104.9	104.3	103.5	102.6	101.4	100.0
57.5°	108.1	108.5	108.8	108.8	108.8	108.5	108.1	107.6	106.9	106.2	105.3
55°	110.8	110.8	110.6	110.2	110.6	110.8	110.8	110.6	110.3	109.8	109.1
52.5°	113.5	113.1	113.0	113.0	113.0	113.1	113.5	113.7	113.7	113.7	113.1
50°	117.9	117.3	117.0	117.1	117.0	117.3	117.9	118.3	118.6	118.8	118.5
47.5°	125.3	125.6	125.8	126.0	125.8	125.6	125.3	124.9	125.2	125.8	125.9
45°	135.9	136.9	137.5	137.8	137.5	136.9	135.9	134.5	134.0	134.0	134.0
42.5°	150.8	151.9	152.4	152.2	152.4	151.9	150.8	148.7	146.6	144.2	142.2
40°	168.6	170.9	172.2	172.2	172.2	170.9	168.6	165.7	162.9	159.2	155.2
37.5°	190.7	193.8	195.4	194.9	195.4	193.8	190.7	186.7	182.2	176.1	170.8
35°	218.7	221.8	223.1	224.5	223.1	221.8	218.7	213.9	207.5	199.8	191.1
32.5°	263.3	269.5	272.0	268.6	272.0	269.5	263.3	253.3	240.5	227.8	215.6
30°	357.9	380.8	396.1	403.6	396.1	380.8	357.9	332.1	294.0	269.2	247.5
27.5°	639.9	699.8	725.1	739.1	725.1	699.8	639.9	549.5	418.1	369.1	303.7
25°	1183.0	1310.7	1384.2	1378.2	1384.2	1310.7	1183.0	1007.2	801.9	624.2	434.4
22.5°	1982.6	2184.1	2305.0	2349.4	2305.0	2184.1	1982.6	1688.1	1371.1	1059.9	766.7
20°	2973.9	3199.9	3318.0	3335.7	3318.0	3199.9	2973.9	2606.5	2166.4	1657.4	1240.8
17.5°	4111.6	4325.8	4450.4	4448.8	4450.4	4325.8	4111.6	3679.2	3129.9	2475.6	1830.8
15°	5868.1	6697.2	7164.8	7096.5	7164.8	6697.2	5868.1	4907.1	4201.5	3374.3	2495.2
12.5°	9615.2	12926.9	14981.2	15488.5	14981.2	12926.9	9615.2	7182.5	5387.9	4254.4	3199.8
10°	16991.3	21945.9	25902.8	27046.2	25902.8	21945.9	16991.3	11582.0	7339.8	5070.5	3791.5
7.5°	24440.9	30321.2	32741.2	33022.4	32741.2	30321.2	24440.9	17171.6	10033.0	6220.4	4297.5
5°	30063.9	36047.3	36739.9	35000.2	36739.9	36047.3	30063.9	21920.6	13325.1	7393.6	4630.7
2.5°	33775.6	38296.1	38941.7	38005.3	38941.7	38296.1	33775.6	25300.0	15229.2	8181.2	4854.9
0°	34622.1	37698.1	38615.2	38715.5	38615.2	37698.1	34622.1	26504.1	15972.7	8451.3	4915.1
-2.5°	33775.6	38296.1	38941.7	38005.3	38941.7	38296.1	33775.6	25300.0	15229.2	8181.2	4854.9
-5°	30063.9	36047.3	36739.9	35000.2	36739.9	36047.3	30063.9	21920.6	13325.1	7393.6	4630.7
-7.5°	24440.9	30321.2	32741.2	33022.4	32741.2	30321.2	24440.9	17171.6	10033.0	6220.4	4297.5
-10°	16991.3	21945.9	25902.8	27046.2	25902.8	21945.9	16991.3	11582.0	7339.8	5070.5	3791.5
-12.5°	9615.2	12926.9	14981.2	15488.5	14981.2	12926.9	9615.2	7182.5	5387.9	4254.4	3199.8
-15°	5868.1	6697.2	7164.8	7096.5	7164.8	6697.2	5868.1	4907.1	4201.5	3374.3	2495.2
-17.5°	4111.6	4325.8	4450.4	4448.8	4450.4	4325.8	4111.6	3679.2	3129.9	2475.6	1830.8
-20°	2973.9	3199.9	3318.0	3335.7	3318.0	3199.9	2973.9	2606.5	2166.4	1657.4	1240.8



REPORT NUMBER: P558647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1982.6	2184.1	2305.0	2349.4	2305.0	2184.1	1982.6	1688.1	1371.1	1059.9	766.7
-25°	1183.0	1310.7	1384.2	1378.2	1384.2	1310.7	1183.0	1007.2	801.9	624.2	434.4
-27.5°	639.9	699.8	725.1	739.1	725.1	699.8	639.9	549.5	418.1	369.1	303.7
-30°	357.9	380.8	396.1	403.6	396.1	380.8	357.9	332.1	294.0	269.2	247.5
-32.5°	263.3	269.5	272.0	268.6	272.0	269.5	263.3	253.3	240.5	227.8	215.6
-35°	218.7	221.8	223.1	224.5	223.1	221.8	218.7	213.9	207.5	199.8	191.1
-37.5°	190.7	193.8	195.4	194.9	195.4	193.8	190.7	186.7	182.2	176.1	170.8
-40°	168.6	170.9	172.2	172.2	172.2	170.9	168.6	165.7	162.9	159.2	155.2
-42.5°	150.8	151.9	152.4	152.2	152.4	151.9	150.8	148.7	146.6	144.2	142.2
-45°	135.9	136.9	137.5	137.8	137.5	136.9	135.9	134.5	134.0	134.0	134.0
-47.5°	125.3	125.6	125.8	126.0	125.8	125.6	125.3	124.9	125.2	125.8	125.9
-50°	117.9	117.3	117.0	117.1	117.0	117.3	117.9	118.3	118.6	118.8	118.5
-52.5°	113.5	113.1	113.0	113.0	113.0	113.1	113.5	113.7	113.7	113.7	113.1
-55°	110.8	110.8	110.6	110.2	110.6	110.8	110.8	110.6	110.3	109.8	109.1
-57.5°	108.1	108.5	108.8	108.8	108.8	108.5	108.1	107.6	106.9	106.2	105.3
-60°	104.3	104.9	105.3	105.4	105.3	104.9	104.3	103.5	102.6	101.4	100.0
-62.5°	96.5	96.8	97.0	97.1	97.0	96.8	96.5	96.0	95.4	94.4	93.1
-65°	88.3	88.6	88.5	88.2	88.5	88.6	88.3	87.8	87.2	86.2	85.0
-67.5°	79.3	79.6	79.5	79.2	79.5	79.6	79.3	78.9	78.2	77.2	75.9
-70°	69.6	70.0	70.2	70.3	70.2	70.0	69.6	69.0	68.2	67.4	66.3
-72.5°	59.2	59.6	60.2	60.6	60.2	59.6	59.2	58.7	58.0	57.2	56.2
-75°	48.3	48.7	49.5	50.3	49.5	48.7	48.3	47.9	47.3	46.6	45.8
-77.5°	38.0	38.4	38.6	38.6	38.6	38.4	38.0	37.5	36.9	36.2	35.7
-80°	27.9	28.1	28.5	28.9	28.5	28.1	27.9	27.6	27.3	26.9	26.2
-82.5°	18.4	18.5	18.6	18.6	18.6	18.5	18.4	18.2	18.0	17.7	17.3
-85°	10.7	10.9	10.6	10.3	10.6	10.9	10.7	10.4	10.2	9.9	9.7
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	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: P558647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	3.5	3.3	3.1	3.2	3.2	3.3	3.4	3.3	3.1	3.0	2.9
85°	9.5	9.3	9.0	8.8	8.5	8.3	8.0	7.6	7.2	6.8	6.4
82.5°	16.8	16.3	15.8	15.3	14.8	14.3	13.8	13.1	12.4	11.6	10.7
80°	25.5	24.8	23.9	23.3	22.5	21.6	20.7	19.8	18.9	18.0	17.0
77.5°	35.1	34.3	33.4	32.4	31.4	30.3	29.1	27.7	26.4	25.0	23.6
75°	45.0	44.0	43.0	41.9	40.5	39.1	37.5	35.9	34.2	32.4	30.5
72.5°	55.1	53.9	52.5	51.2	49.7	48.2	46.4	44.5	42.3	40.0	37.8
70°	65.1	63.7	62.2	60.6	58.8	56.9	55.0	53.0	50.9	48.4	45.6
67.5°	74.5	73.0	71.4	69.6	67.6	65.4	63.2	61.0	58.5	56.0	53.1
65°	83.5	81.8	80.1	78.3	76.2	73.9	71.5	68.9	66.2	63.3	60.1
62.5°	91.7	90.3	88.5	86.5	84.3	82.1	79.5	76.6	73.6	70.5	67.0
60°	98.6	97.1	95.4	93.5	91.5	89.3	86.6	83.7	80.7	77.2	73.6
57.5°	104.1	102.7	101.2	99.5	97.7	95.4	92.9	90.2	87.0	83.6	79.9
55°	108.3	107.2	106.0	104.5	102.8	100.6	98.4	95.8	92.7	89.6	85.7
52.5°	112.1	111.2	110.1	109.0	107.2	105.2	103.1	100.5	97.8	94.6	91.0
50°	117.6	115.8	114.1	112.5	111.0	109.1	106.8	104.6	102.1	99.1	95.7
47.5°	124.5	121.6	118.7	116.5	114.6	112.5	110.3	108.0	105.7	103.0	99.7
45°	131.8	128.4	124.6	121.5	118.5	116.1	113.8	111.4	109.0	106.3	103.3
42.5°	139.5	135.8	131.6	127.5	123.5	120.2	117.3	114.8	112.2	109.5	106.4
40°	150.3	144.6	140.1	134.8	129.8	124.9	121.6	118.4	115.5	112.4	109.4
37.5°	164.7	158.0	151.0	144.0	137.6	131.4	126.7	122.7	118.9	115.5	112.1
35°	181.2	172.7	163.8	155.2	147.1	139.5	132.8	127.6	123.1	119.0	115.0
32.5°	202.9	190.6	178.8	168.0	157.4	148.1	140.0	133.2	127.7	123.0	118.2
30°	226.7	210.7	195.4	182.6	169.7	157.9	147.2	139.1	132.7	127.2	121.7
27.5°	265.3	234.5	214.9	197.4	182.5	168.7	156.0	144.4	137.4	131.5	125.6
25°	349.2	275.5	239.6	216.1	196.8	179.1	164.6	151.3	141.5	135.2	127.6
22.5°	509.7	369.4	277.0	236.2	212.6	191.4	173.2	158.4	144.7	136.8	129.0
20°	827.9	512.9	354.8	269.3	229.9	203.3	182.0	165.2	150.1	138.6	130.0
17.5°	1257.9	792.0	453.2	312.3	253.0	218.3	191.8	171.5	155.0	140.5	130.6
15°	1718.5	1108.8	659.4	393.4	277.4	231.0	200.0	177.3	159.5	143.5	132.0
12.5°	2244.0	1440.5	849.6	459.2	306.1	245.0	209.0	183.7	163.9	147.1	134.3
10°	2714.6	1775.7	1068.9	595.9	354.3	259.2	217.3	189.3	168.1	150.0	136.1
7.5°	3098.3	2091.9	1267.4	697.7	390.5	270.4	224.3	194.0	171.5	152.2	137.4
5°	3343.5	2325.2	1425.5	773.9	415.7	277.9	229.0	197.6	174.1	153.6	138.2
2.5°	3517.3	2479.7	1525.5	818.3	429.1	281.9	232.4	199.7	176.0	155.3	139.6
0°	3525.8	2531.9	1559.4	856.8	431.9	283.1	234.9	200.4	177.0	156.4	140.5
-2.5°	3517.3	2479.7	1525.5	818.3	429.1	281.9	232.4	199.7	176.0	155.3	139.6
-5°	3343.5	2325.2	1425.5	773.9	415.7	277.9	229.0	197.6	174.1	153.6	138.2
-7.5°	3098.3	2091.9	1267.4	697.7	390.5	270.4	224.3	194.0	171.5	152.2	137.4
-10°	2714.6	1775.7	1068.9	595.9	354.3	259.2	217.3	189.3	168.1	150.0	136.1
-12.5°	2244.0	1440.5	849.6	459.2	306.1	245.0	209.0	183.7	163.9	147.1	134.3
-15°	1718.5	1108.8	659.4	393.4	277.4	231.0	200.0	177.3	159.5	143.5	132.0
-17.5°	1257.9	792.0	453.2	312.3	253.0	218.3	191.8	171.5	155.0	140.5	130.6
-20°	827.9	512.9	354.8	269.3	229.9	203.3	182.0	165.2	150.1	138.6	130.0



REPORT NUMBER: P558647 (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°	509.7	369.4	277.0	236.2	212.6	191.4	173.2	158.4	144.7	136.8	129.0
-25°	349.2	275.5	239.6	216.1	196.8	179.1	164.6	151.3	141.5	135.2	127.6
-27.5°	265.3	234.5	214.9	197.4	182.5	168.7	156.0	144.4	137.4	131.5	125.6
-30°	226.7	210.7	195.4	182.6	169.7	157.9	147.2	139.1	132.7	127.2	121.7
-32.5°	202.9	190.6	178.8	168.0	157.4	148.1	140.0	133.2	127.7	123.0	118.2
-35°	181.2	172.7	163.8	155.2	147.1	139.5	132.8	127.6	123.1	119.0	115.0
-37.5°	164.7	158.0	151.0	144.0	137.6	131.4	126.7	122.7	118.9	115.5	112.1
-40°	150.3	144.6	140.1	134.8	129.8	124.9	121.6	118.4	115.5	112.4	109.4
-42.5°	139.5	135.8	131.6	127.5	123.5	120.2	117.3	114.8	112.2	109.5	106.4
-45°	131.8	128.4	124.6	121.5	118.5	116.1	113.8	111.4	109.0	106.3	103.3
-47.5°	124.5	121.6	118.7	116.5	114.6	112.5	110.3	108.0	105.7	103.0	99.7
-50°	117.6	115.8	114.1	112.5	111.0	109.1	106.8	104.6	102.1	99.1	95.7
-52.5°	112.1	111.2	110.1	109.0	107.2	105.2	103.1	100.5	97.8	94.6	91.0
-55°	108.3	107.2	106.0	104.5	102.8	100.6	98.4	95.8	92.7	89.6	85.7
-57.5°	104.1	102.7	101.2	99.5	97.7	95.4	92.9	90.2	87.0	83.6	79.9
-60°	98.6	97.1	95.4	93.5	91.5	89.3	86.6	83.7	80.7	77.2	73.6
-62.5°	91.7	90.3	88.5	86.5	84.3	82.1	79.5	76.6	73.6	70.5	67.0
-65°	83.5	81.8	80.1	78.3	76.2	73.9	71.5	68.9	66.2	63.3	60.1
-67.5°	74.5	73.0	71.4	69.6	67.6	65.4	63.2	61.0	58.5	56.0	53.1
-70°	65.1	63.7	62.2	60.6	58.8	56.9	55.0	53.0	50.9	48.4	45.6
-72.5°	55.1	53.9	52.5	51.2	49.7	48.2	46.4	44.5	42.3	40.0	37.8
-75°	45.0	44.0	43.0	41.9	40.5	39.1	37.5	35.9	34.2	32.4	30.5
-77.5°	35.1	34.3	33.4	32.4	31.4	30.3	29.1	27.7	26.4	25.0	23.6
-80°	25.5	24.8	23.9	23.3	22.5	21.6	20.7	19.8	18.9	18.0	17.0
-82.5°	16.8	16.3	15.8	15.3	14.8	14.3	13.8	13.1	12.4	11.6	10.7
-85°	9.5	9.3	9.0	8.8	8.5	8.3	8.0	7.6	7.2	6.8	6.4
-87.5°	3.5	3.3	3.1	3.2	3.2	3.3	3.4	3.3	3.1	3.0	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558647 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	6.1	5.8	5.4	5.0	4.6	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	10.0	9.5	9.1	8.6	8.0	7.4	6.7	5.9	5.1	4.3	3.7
80°	15.9	14.8	13.8	12.7	11.6	10.6	9.8	8.8	7.6	6.5	5.4
77.5°	22.1	20.5	18.9	17.4	15.9	14.5	13.1	11.7	10.1	8.7	7.2
75°	28.5	26.6	24.6	22.6	20.5	18.4	16.6	14.9	12.9	10.9	9.1
72.5°	35.5	33.2	30.6	27.9	25.5	23.0	20.4	18.0	15.8	13.5	11.0
70°	42.7	39.9	37.1	34.0	30.7	27.6	24.7	21.7	18.7	16.1	13.4
67.5°	49.9	46.5	43.3	39.9	36.2	32.6	28.9	25.5	22.1	18.7	15.7
65°	56.7	53.1	49.2	45.4	41.5	37.5	33.4	29.4	25.5	21.7	17.9
62.5°	63.4	59.6	55.4	50.9	46.6	42.2	37.8	33.4	28.9	24.7	20.4
60°	69.8	65.7	61.3	56.5	51.6	46.9	42.1	37.3	32.5	27.6	23.0
57.5°	75.9	71.7	66.9	61.8	56.6	51.4	46.3	41.2	36.0	30.7	25.5
55°	81.7	77.2	72.2	66.9	61.4	55.8	50.4	44.9	39.3	33.7	27.9
52.5°	87.0	82.3	77.2	71.8	66.1	60.1	54.5	48.5	42.6	36.6	30.5
50°	91.7	87.1	81.9	76.3	70.5	64.4	58.4	52.2	45.8	39.4	33.0
47.5°	96.0	91.4	86.2	80.6	74.6	68.5	62.2	55.7	48.8	42.1	35.5
45°	99.6	95.3	90.2	84.5	78.6	72.4	65.8	59.2	52.0	44.8	37.8
42.5°	103.0	98.8	93.9	88.3	82.4	76.0	69.2	62.3	55.0	47.4	40.1
40°	105.9	102.0	97.3	91.8	86.0	79.6	72.5	65.2	57.9	49.8	42.2
37.5°	108.6	104.8	100.2	95.4	89.5	82.8	75.6	68.0	60.6	52.3	44.3
35°	111.1	107.2	103.2	98.5	92.7	86.0	78.7	70.6	62.9	54.6	46.2
32.5°	113.6	109.6	105.6	101.1	95.8	89.0	81.5	73.2	65.1	56.7	48.0
30°	116.5	111.6	107.7	103.5	98.5	91.7	84.0	75.5	67.1	58.7	49.7
27.5°	118.7	113.4	109.5	105.5	100.6	94.3	86.1	77.6	69.0	60.5	51.3
25°	120.6	115.0	110.9	107.1	102.6	96.3	88.2	79.4	70.7	62.1	52.8
22.5°	122.1	116.4	112.0	108.5	104.3	98.2	89.9	81.1	72.3	63.5	54.2
20°	122.9	117.5	112.9	109.8	105.8	99.5	91.4	82.5	73.6	64.7	55.4
17.5°	123.2	118.2	113.9	110.6	107.0	100.9	92.7	83.8	74.8	65.9	56.5
15°	124.4	118.9	114.6	111.3	107.9	102.3	93.9	84.9	75.7	66.8	57.4
12.5°	125.6	119.4	115.1	111.8	108.7	103.6	94.8	85.9	76.5	67.7	58.1
10°	126.6	119.8	115.4	112.3	109.3	104.8	95.5	86.6	77.3	68.4	58.8
7.5°	127.5	120.0	115.4	112.6	109.8	105.7	96.2	87.1	78.0	68.9	59.3
5°	128.1	120.0	115.4	112.8	110.3	106.3	96.7	87.5	78.6	69.3	59.6
2.5°	128.6	120.0	115.2	113.0	110.6	106.7	97.0	87.6	79.0	69.5	59.8
0°	128.8	119.8	115.0	113.0	110.9	106.8	97.1	87.5	79.2	69.6	59.9
-2.5°	128.6	120.0	115.2	113.0	110.6	106.7	97.0	87.6	79.0	69.5	59.8
-5°	128.1	120.0	115.4	112.8	110.3	106.3	96.7	87.5	78.6	69.3	59.6
-7.5°	127.5	120.0	115.4	112.6	109.8	105.7	96.2	87.1	78.0	68.9	59.3
-10°	126.6	119.8	115.4	112.3	109.3	104.8	95.5	86.6	77.3	68.4	58.8
-12.5°	125.6	119.4	115.1	111.8	108.7	103.6	94.8	85.9	76.5	67.7	58.1
-15°	124.4	118.9	114.6	111.3	107.9	102.3	93.9	84.9	75.7	66.8	57.4
-17.5°	123.2	118.2	113.9	110.6	107.0	100.9	92.7	83.8	74.8	65.9	56.5
-20°	122.9	117.5	112.9	109.8	105.8	99.5	91.4	82.5	73.6	64.7	55.4



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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°	122.1	116.4	112.0	108.5	104.3	98.2	89.9	81.1	72.3	63.5	54.2
-25°	120.6	115.0	110.9	107.1	102.6	96.3	88.2	79.4	70.7	62.1	52.8
-27.5°	118.7	113.4	109.5	105.5	100.6	94.3	86.1	77.6	69.0	60.5	51.3
-30°	116.5	111.6	107.7	103.5	98.5	91.7	84.0	75.5	67.1	58.7	49.7
-32.5°	113.6	109.6	105.6	101.1	95.8	89.0	81.5	73.2	65.1	56.7	48.0
-35°	111.1	107.2	103.2	98.5	92.7	86.0	78.7	70.6	62.9	54.6	46.2
-37.5°	108.6	104.8	100.2	95.4	89.5	82.8	75.6	68.0	60.6	52.3	44.3
-40°	105.9	102.0	97.3	91.8	86.0	79.6	72.5	65.2	57.9	49.8	42.2
-42.5°	103.0	98.8	93.9	88.3	82.4	76.0	69.2	62.3	55.0	47.4	40.1
-45°	99.6	95.3	90.2	84.5	78.6	72.4	65.8	59.2	52.0	44.8	37.8
-47.5°	96.0	91.4	86.2	80.6	74.6	68.5	62.2	55.7	48.8	42.1	35.5
-50°	91.7	87.1	81.9	76.3	70.5	64.4	58.4	52.2	45.8	39.4	33.0
-52.5°	87.0	82.3	77.2	71.8	66.1	60.1	54.5	48.5	42.6	36.6	30.5
-55°	81.7	77.2	72.2	66.9	61.4	55.8	50.4	44.9	39.3	33.7	27.9
-57.5°	75.9	71.7	66.9	61.8	56.6	51.4	46.3	41.2	36.0	30.7	25.5
-60°	69.8	65.7	61.3	56.5	51.6	46.9	42.1	37.3	32.5	27.6	23.0
-62.5°	63.4	59.6	55.4	50.9	46.6	42.2	37.8	33.4	28.9	24.7	20.4
-65°	56.7	53.1	49.2	45.4	41.5	37.5	33.4	29.4	25.5	21.7	17.9
-67.5°	49.9	46.5	43.3	39.9	36.2	32.6	28.9	25.5	22.1	18.7	15.7
-70°	42.7	39.9	37.1	34.0	30.7	27.6	24.7	21.7	18.7	16.1	13.4
-72.5°	35.5	33.2	30.6	27.9	25.5	23.0	20.4	18.0	15.8	13.5	11.0
-75°	28.5	26.6	24.6	22.6	20.5	18.4	16.6	14.9	12.9	10.9	9.1
-77.5°	22.1	20.5	18.9	17.4	15.9	14.5	13.1	11.7	10.1	8.7	7.2
-80°	15.9	14.8	13.8	12.7	11.6	10.6	9.8	8.8	7.6	6.5	5.4
-82.5°	10.0	9.5	9.1	8.6	8.0	7.4	6.7	5.9	5.1	4.3	3.7
-85°	6.1	5.8	5.4	5.0	4.6	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	5.9	4.6	3.5	2.7	1.8	0.9	0.0
75°	7.4	5.9	4.3	3.2	2.1	1.1	0.0
72.5°	9.0	7.3	5.4	3.7	2.5	1.2	0.0
70°	10.6	8.6	6.5	4.3	2.8	1.4	0.0
67.5°	12.6	9.9	7.6	5.1	3.1	1.6	0.0
65°	14.6	11.4	8.6	5.9	3.5	1.7	0.0
62.5°	16.5	12.9	9.7	6.7	3.8	1.9	0.0
60°	18.4	14.5	10.7	7.5	4.1	2.0	0.0
57.5°	20.5	16.0	11.9	8.2	4.6	2.2	0.0
55°	22.6	17.4	13.0	9.0	5.1	2.4	0.0
52.5°	24.6	18.9	14.1	9.7	5.6	2.5	0.0
50°	26.6	20.5	15.2	10.4	6.1	2.6	0.0
47.5°	28.5	22.1	16.2	11.1	6.5	2.8	0.0
45°	30.5	23.6	17.2	11.9	7.0	2.9	0.0
42.5°	32.5	25.1	18.2	12.6	7.4	3.0	0.0
40°	34.4	26.4	19.2	13.2	7.8	3.1	0.0
37.5°	36.2	27.8	20.2	13.9	8.1	3.3	0.0
35°	37.9	29.1	21.2	14.5	8.5	3.4	0.0
32.5°	39.5	30.5	22.1	15.0	8.8	3.5	0.0
30°	41.0	31.7	23.0	15.5	9.1	3.6	0.0
27.5°	42.3	32.9	23.9	16.0	9.4	3.6	0.0
25°	43.6	34.0	24.6	16.5	9.7	3.7	0.0
22.5°	44.7	35.0	25.4	16.9	9.9	3.8	0.0
20°	45.8	35.9	26.0	17.2	10.2	3.9	0.0
17.5°	46.7	36.7	26.6	17.5	10.4	3.9	0.0
15°	47.4	37.4	27.2	17.8	10.5	4.0	0.0
12.5°	48.1	38.0	27.6	18.1	10.7	4.0	0.0
10°	48.6	38.5	28.0	18.3	10.8	4.0	0.0
7.5°	49.1	38.8	28.4	18.4	10.9	4.1	0.0
5°	49.4	39.1	28.6	18.5	10.9	4.1	0.0
2.5°	49.5	39.2	28.8	18.6	11.0	4.1	0.0
0°	49.6	39.3	28.9	18.6	11.0	4.1	0.0
-2.5°	49.5	39.2	28.8	18.6	11.0	4.1	0.0
-5°	49.4	39.1	28.6	18.5	10.9	4.1	0.0
-7.5°	49.1	38.8	28.4	18.4	10.9	4.1	0.0
-10°	48.6	38.5	28.0	18.3	10.8	4.0	0.0
-12.5°	48.1	38.0	27.6	18.1	10.7	4.0	0.0
-15°	47.4	37.4	27.2	17.8	10.5	4.0	0.0
-17.5°	46.7	36.7	26.6	17.5	10.4	3.9	0.0
-20°	45.8	35.9	26.0	17.2	10.2	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44.7	35.0	25.4	16.9	9.9	3.8	0.0
-25°	43.6	34.0	24.6	16.5	9.7	3.7	0.0
-27.5°	42.3	32.9	23.9	16.0	9.4	3.6	0.0
-30°	41.0	31.7	23.0	15.5	9.1	3.6	0.0
-32.5°	39.5	30.5	22.1	15.0	8.8	3.5	0.0
-35°	37.9	29.1	21.2	14.5	8.5	3.4	0.0
-37.5°	36.2	27.8	20.2	13.9	8.1	3.3	0.0
-40°	34.4	26.4	19.2	13.2	7.8	3.1	0.0
-42.5°	32.5	25.1	18.2	12.6	7.4	3.0	0.0
-45°	30.5	23.6	17.2	11.9	7.0	2.9	0.0
-47.5°	28.5	22.1	16.2	11.1	6.5	2.8	0.0
-50°	26.6	20.5	15.2	10.4	6.1	2.6	0.0
-52.5°	24.6	18.9	14.1	9.7	5.6	2.5	0.0
-55°	22.6	17.4	13.0	9.0	5.1	2.4	0.0
-57.5°	20.5	16.0	11.9	8.2	4.6	2.2	0.0
-60°	18.4	14.5	10.7	7.5	4.1	2.0	0.0
-62.5°	16.5	12.9	9.7	6.7	3.8	1.9	0.0
-65°	14.6	11.4	8.6	5.9	3.5	1.7	0.0
-67.5°	12.6	9.9	7.6	5.1	3.1	1.6	0.0
-70°	10.6	8.6	6.5	4.3	2.8	1.4	0.0
-72.5°	9.0	7.3	5.4	3.7	2.5	1.2	0.0
-75°	7.4	5.9	4.3	3.2	2.1	1.1	0.0
-77.5°	5.9	4.6	3.5	2.7	1.8	0.9	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)