

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: P558639 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558639 (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-935-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

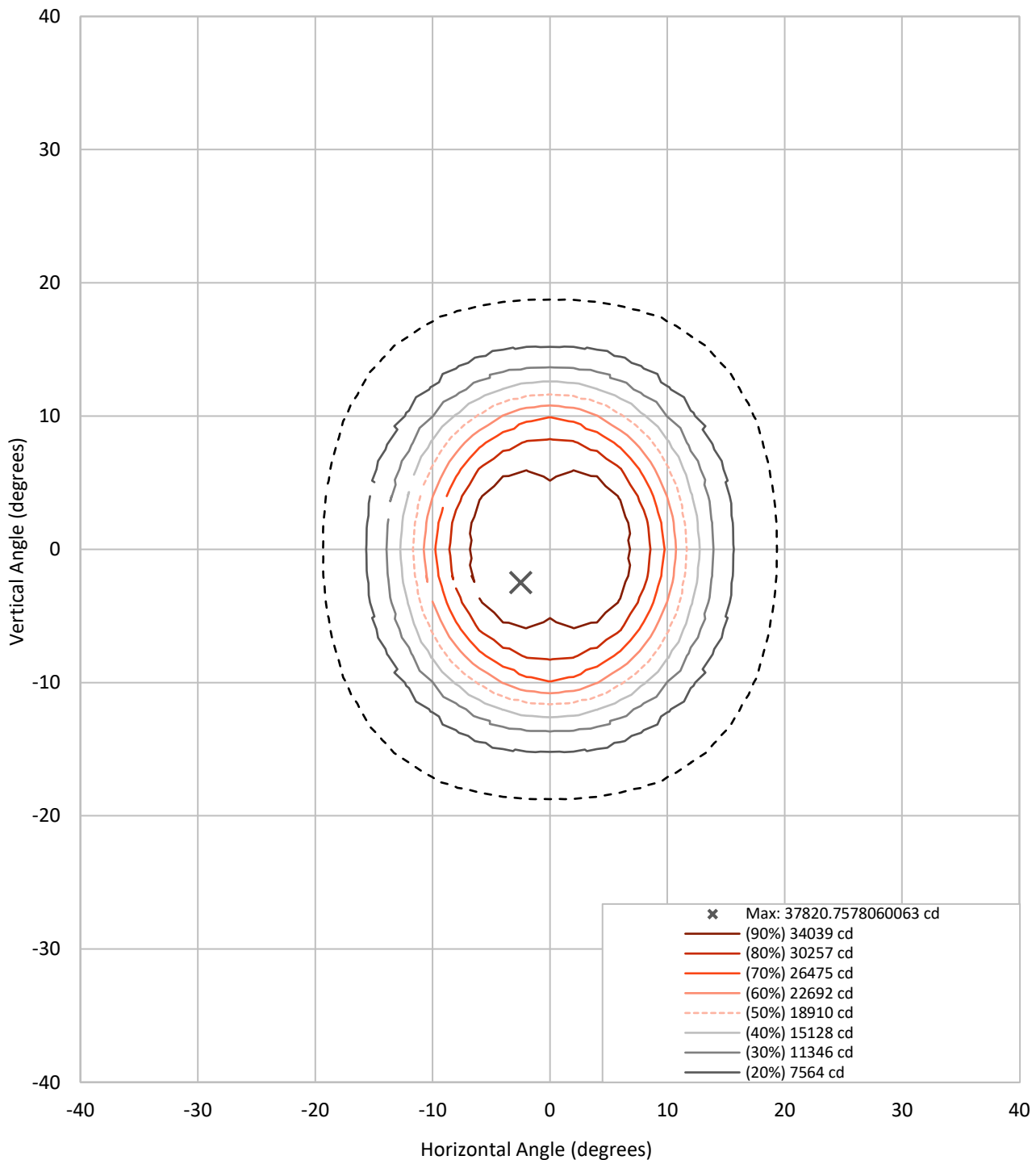
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7151.9 lumens	Max Intensity:	37820.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	113.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	3861.1 lumens	Field Lumens:	5822.7 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





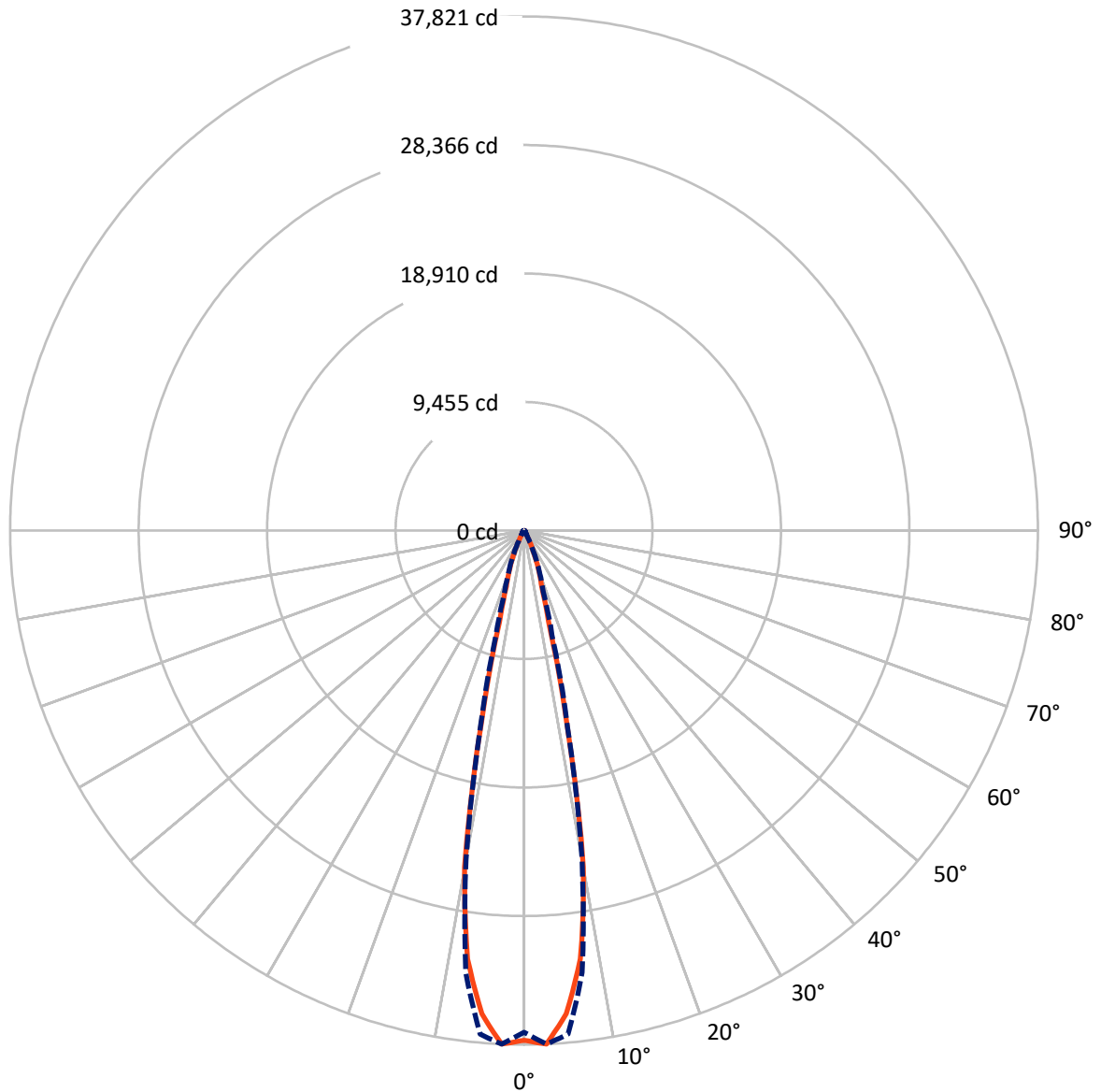
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Lumen Table

90	0.1	0.7	1.9	3.1	3.6	3.1	1.9	0.7	0.1										
80	0.1	0.7	1.9	3.1	3.6	3.1	1.9	0.7	0.1										
70	0.3	0.4	0.8	1.3	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.3	0.8	0.4	0.3			
60		0.6	1.1	1.8	2.4	2.8	3.1	3.3	3.3	3.1	2.8	2.4	1.8	1.1	0.6				
50	0.6	0.7	1.4	2.1	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.1	1.4	0.7	0.6			
40		0.9	1.7	2.4	3.3	4.4	5.8	7.0	7.0	5.8	4.4	3.3	2.4	1.7	0.9				
30	0.8	1.0	1.8	2.7	4.0	7.3	22.0	42.8	42.8	22.0	7.3	4.0	2.7	1.8	1.0	0.8			
20		1.1	1.9	2.8	5.0	21.7	100.1	257.5	257.5	100.1	21.7	5.0	2.8	1.9	1.1				
10	0.9	1.1	1.9	3.0	6.0	42.3	260.7	921.1	921.1	260.7	42.3	6.0	3.0	1.9	1.1	0.9			
0		1.1	1.9	3.0	6.0	42.3	260.7	921.1	921.1	260.7	42.3	6.0	3.0	1.9	1.1				
-10	0.8	1.1	1.9	2.8	5.0	21.7	100.1	257.5	257.5	100.1	21.7	5.0	2.8	1.9	1.1	0.8			
-20		1.0	1.8	2.7	4.0	7.3	22.0	42.8	42.8	22.0	7.3	4.0	2.7	1.8	1.0				
-30	0.6	0.9	1.7	2.4	3.3	4.4	5.8	7.0	7.0	5.8	4.4	3.3	2.4	1.7	0.9	0.6			
-40		0.7	1.4	2.1	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.1	1.4	0.7				
-50	0.3	0.6	1.1	1.8	2.4	2.8	3.1	3.3	3.3	3.1	2.8	2.4	1.8	1.1	0.6	0.3			
-60		0.4	0.8	1.3	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.3	0.8	0.4				
-70	0.1	0.7	1.9	3.1	3.6	3.1	1.9	0.7	0.1							0.1			
-80		0.1	0.7	1.9	3.1	3.6	3.1	1.9	0.7	0.1									
-90	0.1	0.7	1.9	3.1	3.6	3.1	1.9	0.7	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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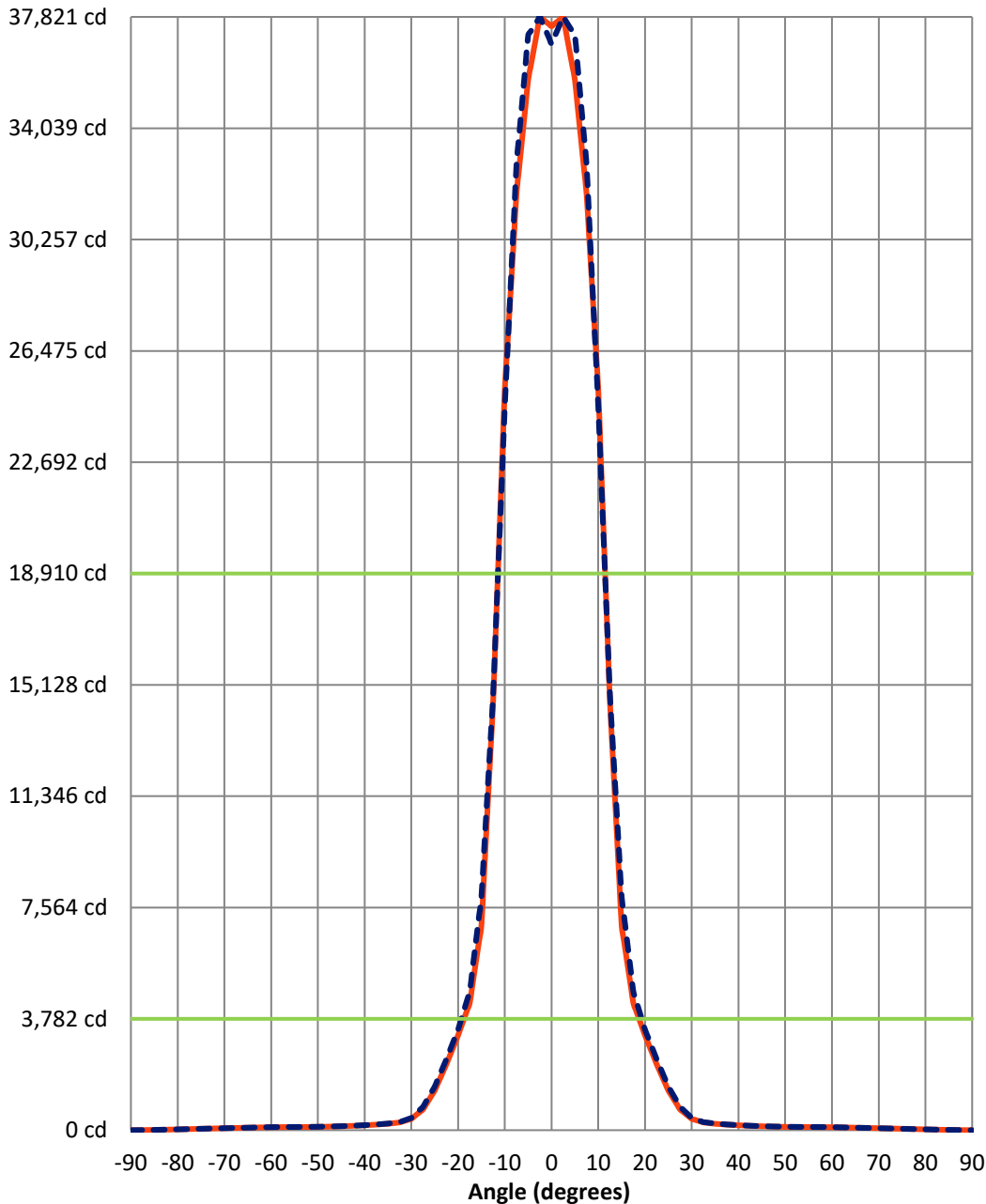
Luminous Intensity Polar Plot



— 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: 3861.1
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 5822.7
 Efficiency: 81.4%

Spill:
 Lumens: 1329.2
 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	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.8
80°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.2	6.3	7.4	8.6
77.5°	0.0	0.9	1.7	2.6	3.4	4.5	5.7	7.0	8.4	9.8	11.4
75°	0.0	1.0	2.1	3.1	4.2	5.8	7.2	8.8	10.6	12.6	14.5
72.5°	0.0	1.2	2.4	3.6	5.3	7.1	8.7	10.7	13.1	15.4	17.5
70°	0.0	1.4	2.7	4.2	6.3	8.3	10.3	13.0	15.7	18.2	21.1
67.5°	0.0	1.5	3.1	5.0	7.4	9.6	12.3	15.2	18.2	21.5	24.8
65°	0.0	1.7	3.4	5.7	8.4	11.0	14.2	17.5	21.1	24.8	28.6
62.5°	0.0	1.8	3.7	6.5	9.4	12.6	16.1	19.9	24.0	28.1	32.5
60°	0.0	2.0	4.0	7.3	10.4	14.1	17.9	22.4	26.8	31.6	36.3
57.5°	0.0	2.1	4.5	8.0	11.5	15.5	19.9	24.8	29.8	34.9	40.0
55°	0.0	2.3	5.0	8.7	12.7	17.0	22.0	27.1	32.7	38.2	43.6
52.5°	0.0	2.4	5.5	9.5	13.7	18.4	23.9	29.6	35.6	41.4	47.1
50°	0.0	2.6	5.9	10.1	14.8	19.9	25.8	32.1	38.3	44.5	50.7
47.5°	0.0	2.7	6.3	10.8	15.8	21.5	27.7	34.4	40.9	47.4	54.1
45°	0.0	2.8	6.8	11.6	16.8	22.9	29.7	36.7	43.5	50.5	57.5
42.5°	0.0	2.9	7.2	12.2	17.7	24.4	31.6	38.9	46.0	53.4	60.5
40°	0.0	3.1	7.6	12.9	18.6	25.7	33.4	41.0	48.4	56.3	63.4
37.5°	0.0	3.2	7.9	13.5	19.7	27.0	35.1	43.0	50.8	58.9	66.0
35°	0.0	3.3	8.3	14.1	20.6	28.3	36.8	44.9	53.0	61.1	68.6
32.5°	0.0	3.4	8.6	14.6	21.5	29.6	38.3	46.6	55.1	63.2	71.1
30°	0.0	3.5	8.9	15.1	22.4	30.8	39.8	48.3	57.1	65.2	73.3
27.5°	0.0	3.5	9.2	15.6	23.2	32.0	41.1	49.9	58.8	67.0	75.4
25°	0.0	3.6	9.4	16.0	23.9	33.0	42.3	51.3	60.3	68.7	77.2
22.5°	0.0	3.7	9.7	16.4	24.7	34.0	43.4	52.6	61.7	70.2	78.8
20°	0.0	3.8	9.9	16.8	25.3	34.9	44.5	53.8	62.9	71.5	80.2
17.5°	0.0	3.8	10.1	17.1	25.9	35.6	45.3	54.9	64.0	72.6	81.4
15°	0.0	3.9	10.2	17.3	26.4	36.3	46.1	55.7	64.9	73.6	82.5
12.5°	0.0	3.9	10.4	17.6	26.9	36.9	46.7	56.5	65.7	74.4	83.4
10°	0.0	3.9	10.5	17.8	27.3	37.3	47.3	57.1	66.4	75.1	84.1
7.5°	0.0	4.0	10.6	17.9	27.6	37.7	47.7	57.6	66.9	75.8	84.6
5°	0.0	4.0	10.6	18.0	27.8	37.9	48.0	57.9	67.3	76.3	84.9
2.5°	0.0	4.0	10.7	18.1	28.0	38.1	48.1	58.1	67.5	76.7	85.1
0°	0.0	4.0	10.7	18.1	28.1	38.1	48.2	58.2	67.6	76.9	85.0
-2.5°	0.0	4.0	10.7	18.1	28.1	38.1	48.2	58.2	67.6	76.9	85.0
-5°	0.0	4.0	10.6	18.0	27.8	37.9	48.0	57.9	67.3	76.3	84.9
-7.5°	0.0	4.0	10.6	17.9	27.6	37.7	47.7	57.6	66.9	75.8	84.6
-10°	0.0	3.9	10.5	17.8	27.3	37.3	47.3	57.1	66.4	75.1	84.1
-12.5°	0.0	3.9	10.4	17.6	26.9	36.9	46.7	56.5	65.7	74.4	83.4
-15°	0.0	3.9	10.2	17.3	26.4	36.3	46.1	55.7	64.9	73.6	82.5
-17.5°	0.0	3.8	10.1	17.1	25.9	35.6	45.3	54.9	64.0	72.6	81.4
-20°	0.0	3.8	9.9	16.8	25.3	34.9	44.5	53.8	62.9	71.5	80.2



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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	3.7	9.7	16.4	24.7	34.0	43.4	52.6	61.7	70.2	78.8
-25°	0.0	3.6	9.4	16.0	23.9	33.0	42.3	51.3	60.3	68.7	77.2
-27.5°	0.0	3.5	9.2	15.6	23.2	32.0	41.1	49.9	58.8	67.0	75.4
-30°	0.0	3.5	8.9	15.1	22.4	30.8	39.8	48.3	57.1	65.2	73.3
-32.5°	0.0	3.4	8.6	14.6	21.5	29.6	38.3	46.6	55.1	63.2	71.1
-35°	0.0	3.3	8.3	14.1	20.6	28.3	36.8	44.9	53.0	61.1	68.6
-37.5°	0.0	3.2	7.9	13.5	19.7	27.0	35.1	43.0	50.8	58.9	66.0
-40°	0.0	3.1	7.6	12.9	18.6	25.7	33.4	41.0	48.4	56.3	63.4
-42.5°	0.0	2.9	7.2	12.2	17.7	24.4	31.6	38.9	46.0	53.4	60.5
-45°	0.0	2.8	6.8	11.6	16.8	22.9	29.7	36.7	43.5	50.5	57.5
-47.5°	0.0	2.7	6.3	10.8	15.8	21.5	27.7	34.4	40.9	47.4	54.1
-50°	0.0	2.6	5.9	10.1	14.8	19.9	25.8	32.1	38.3	44.5	50.7
-52.5°	0.0	2.4	5.5	9.5	13.7	18.4	23.9	29.6	35.6	41.4	47.1
-55°	0.0	2.3	5.0	8.7	12.7	17.0	22.0	27.1	32.7	38.2	43.6
-57.5°	0.0	2.1	4.5	8.0	11.5	15.5	19.9	24.8	29.8	34.9	40.0
-60°	0.0	2.0	4.0	7.3	10.4	14.1	17.9	22.4	26.8	31.6	36.3
-62.5°	0.0	1.8	3.7	6.5	9.4	12.6	16.1	19.9	24.0	28.1	32.5
-65°	0.0	1.7	3.4	5.7	8.4	11.0	14.2	17.5	21.1	24.8	28.6
-67.5°	0.0	1.5	3.1	5.0	7.4	9.6	12.3	15.2	18.2	21.5	24.8
-70°	0.0	1.4	2.7	4.2	6.3	8.3	10.3	13.0	15.7	18.2	21.1
-72.5°	0.0	1.2	2.4	3.6	5.3	7.1	8.7	10.7	13.1	15.4	17.5
-75°	0.0	1.0	2.1	3.1	4.2	5.8	7.2	8.8	10.6	12.6	14.5
-77.5°	0.0	0.9	1.7	2.6	3.4	4.5	5.7	7.0	8.4	9.8	11.4
-80°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.2	6.3	7.4	8.6
-82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.8
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	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°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
85°	3.7	4.0	4.5	4.9	5.3	5.6	5.9	6.2	6.6	7.0	7.4
82.5°	6.5	7.2	7.8	8.3	8.8	9.3	9.8	10.4	11.3	12.1	12.8
80°	9.5	10.3	11.3	12.3	13.4	14.4	15.5	16.5	17.5	18.3	19.2
77.5°	12.8	14.1	15.5	16.9	18.4	19.9	21.5	22.9	24.3	25.6	27.0
75°	16.2	17.9	19.9	22.0	23.9	25.8	27.7	29.6	31.4	33.2	34.9
72.5°	19.9	22.4	24.8	27.1	29.7	32.2	34.5	36.7	38.9	41.1	43.2
70°	24.0	26.8	29.9	33.0	36.0	38.7	41.5	44.2	47.0	49.4	51.4
67.5°	28.1	31.6	35.2	38.7	42.0	45.2	48.4	51.5	54.4	56.9	59.2
65°	32.5	36.4	40.3	44.1	47.8	51.6	55.1	58.4	61.5	64.3	66.9
62.5°	36.7	41.0	45.3	49.5	53.8	57.9	61.6	65.1	68.5	71.5	74.4
60°	40.9	45.5	50.2	54.9	59.6	63.9	67.9	71.6	75.0	78.4	81.3
57.5°	45.0	49.9	55.0	60.1	65.0	69.7	73.7	77.7	81.2	84.6	87.7
55°	49.0	54.2	59.7	65.0	70.2	75.0	79.3	83.3	87.0	90.1	93.0
52.5°	52.9	58.4	64.2	69.8	75.0	80.0	84.5	88.5	91.9	95.0	97.6
50°	56.8	62.6	68.5	74.1	79.5	84.6	89.2	92.9	96.2	99.1	101.5
47.5°	60.4	66.6	72.4	78.3	83.7	88.8	93.2	96.8	100.0	102.6	104.9
45°	63.9	70.3	76.3	82.1	87.6	92.6	96.7	100.3	103.3	105.9	108.2
42.5°	67.2	73.8	80.0	85.7	91.2	96.0	100.0	103.4	106.4	109.0	111.5
40°	70.4	77.3	83.5	89.2	94.6	99.0	102.8	106.3	109.2	112.1	114.9
37.5°	73.5	80.5	86.9	92.7	97.3	101.7	105.5	108.9	112.2	115.4	119.1
35°	76.4	83.5	90.0	95.7	100.2	104.1	108.0	111.7	115.5	119.5	123.9
32.5°	79.1	86.5	93.0	98.2	102.5	106.4	110.4	114.8	119.4	124.0	129.4
30°	81.6	89.1	95.7	100.6	104.6	108.4	113.1	118.2	123.6	128.9	135.1
27.5°	83.7	91.6	97.8	102.4	106.4	110.1	115.3	121.9	127.7	133.4	140.3
25°	85.7	93.6	99.6	104.0	107.7	111.7	117.1	124.0	131.3	137.4	147.0
22.5°	87.4	95.4	101.3	105.5	108.8	113.1	118.6	125.3	132.8	140.6	153.8
20°	88.8	96.7	102.8	106.6	109.6	114.1	119.4	126.3	134.6	145.9	160.5
17.5°	90.1	98.0	103.9	107.4	110.5	114.8	119.7	126.8	136.5	150.6	166.6
15°	91.2	99.3	104.8	108.1	111.3	115.5	120.8	128.2	139.4	154.9	172.3
12.5°	92.0	100.6	105.6	108.6	111.8	116.0	122.0	130.5	142.9	159.3	178.4
10°	92.7	101.7	106.2	109.0	112.1	116.4	123.0	132.2	145.7	163.3	183.9
7.5°	93.4	102.6	106.6	109.3	112.1	116.6	123.8	133.5	147.8	166.6	188.5
5°	93.9	103.2	107.1	109.5	112.1	116.6	124.5	134.2	149.1	169.2	192.0
2.5°	94.2	103.6	107.4	109.7	111.9	116.6	124.9	135.6	150.8	171.0	194.0
0°	94.3	103.7	107.7	109.7	111.7	116.4	125.1	136.5	151.9	171.9	194.7
-2.5°	94.2	103.6	107.4	109.7	111.9	116.6	124.9	135.6	150.8	171.0	194.0
-5°	93.9	103.2	107.1	109.5	112.1	116.6	124.5	134.2	149.1	169.2	192.0
-7.5°	93.4	102.6	106.6	109.3	112.1	116.6	123.8	133.5	147.8	166.6	188.5
-10°	92.7	101.7	106.2	109.0	112.1	116.4	123.0	132.2	145.7	163.3	183.9
-12.5°	92.0	100.6	105.6	108.6	111.8	116.0	122.0	130.5	142.9	159.3	178.4
-15°	91.2	99.3	104.8	108.1	111.3	115.5	120.8	128.2	139.4	154.9	172.3
-17.5°	90.1	98.0	103.9	107.4	110.5	114.8	119.7	126.8	136.5	150.6	166.6
-20°	88.8	96.7	102.8	106.6	109.6	114.1	119.4	126.3	134.6	145.9	160.5



REPORT NUMBER: P558639 (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°	87.4	95.4	101.3	105.5	108.8	113.1	118.6	125.3	132.8	140.6	153.8
-25°	85.7	93.6	99.6	104.0	107.7	111.7	117.1	124.0	131.3	137.4	147.0
-27.5°	83.7	91.6	97.8	102.4	106.4	110.1	115.3	121.9	127.7	133.4	140.3
-30°	81.6	89.1	95.7	100.6	104.6	108.4	113.1	118.2	123.6	128.9	135.1
-32.5°	79.1	86.5	93.0	98.2	102.5	106.4	110.4	114.8	119.4	124.0	129.4
-35°	76.4	83.5	90.0	95.7	100.2	104.1	108.0	111.7	115.5	119.5	123.9
-37.5°	73.5	80.5	86.9	92.7	97.3	101.7	105.5	108.9	112.2	115.4	119.1
-40°	70.4	77.3	83.5	89.2	94.6	99.0	102.8	106.3	109.2	112.1	114.9
-42.5°	67.2	73.8	80.0	85.7	91.2	96.0	100.0	103.4	106.4	109.0	111.5
-45°	63.9	70.3	76.3	82.1	87.6	92.6	96.7	100.3	103.3	105.9	108.2
-47.5°	60.4	66.6	72.4	78.3	83.7	88.8	93.2	96.8	100.0	102.6	104.9
-50°	56.8	62.6	68.5	74.1	79.5	84.6	89.2	92.9	96.2	99.1	101.5
-52.5°	52.9	58.4	64.2	69.8	75.0	80.0	84.5	88.5	91.9	95.0	97.6
-55°	49.0	54.2	59.7	65.0	70.2	75.0	79.3	83.3	87.0	90.1	93.0
-57.5°	45.0	49.9	55.0	60.1	65.0	69.7	73.7	77.7	81.2	84.6	87.7
-60°	40.9	45.5	50.2	54.9	59.6	63.9	67.9	71.6	75.0	78.4	81.3
-62.5°	36.7	41.0	45.3	49.5	53.8	57.9	61.6	65.1	68.5	71.5	74.4
-65°	32.5	36.4	40.3	44.1	47.8	51.6	55.1	58.4	61.5	64.3	66.9
-67.5°	28.1	31.6	35.2	38.7	42.0	45.2	48.4	51.5	54.4	56.9	59.2
-70°	24.0	26.8	29.9	33.0	36.0	38.7	41.5	44.2	47.0	49.4	51.4
-72.5°	19.9	22.4	24.8	27.1	29.7	32.2	34.5	36.7	38.9	41.1	43.2
-75°	16.2	17.9	19.9	22.0	23.9	25.8	27.7	29.6	31.4	33.2	34.9
-77.5°	12.8	14.1	15.5	16.9	18.4	19.9	21.5	22.9	24.3	25.6	27.0
-80°	9.5	10.3	11.3	12.3	13.4	14.4	15.5	16.5	17.5	18.3	19.2
-82.5°	6.5	7.2	7.8	8.3	8.8	9.3	9.8	10.4	11.3	12.1	12.8
-85°	3.7	4.0	4.5	4.9	5.3	5.6	5.9	6.2	6.6	7.0	7.4
-87.5°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558639 (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°	3.3	3.2	3.2	3.1	3.0	3.2	3.4	3.6	3.9	3.9	3.9
85°	7.8	8.1	8.3	8.5	8.7	9.0	9.2	9.4	9.6	9.9	10.2
82.5°	13.4	13.9	14.4	14.9	15.3	15.8	16.3	16.8	17.3	17.5	17.7
80°	20.1	21.0	21.9	22.6	23.3	24.0	24.8	25.5	26.1	26.5	26.8
77.5°	28.3	29.4	30.5	31.5	32.4	33.3	34.1	34.7	35.2	35.8	36.4
75°	36.5	38.0	39.4	40.7	41.8	42.8	43.7	44.5	45.3	46.0	46.5
72.5°	45.1	46.8	48.3	49.7	51.0	52.3	53.6	54.6	55.6	56.4	57.0
70°	53.4	55.2	57.1	58.8	60.4	61.9	63.2	64.4	65.4	66.2	66.9
67.5°	61.4	63.5	65.6	67.6	69.3	70.9	72.4	73.7	75.0	76.0	76.6
65°	69.4	71.8	74.0	76.1	77.8	79.4	81.1	82.6	83.8	84.7	85.3
62.5°	77.2	79.8	81.9	84.0	86.0	87.7	89.1	90.5	91.7	92.7	93.3
60°	84.1	86.8	88.9	90.9	92.7	94.3	95.7	97.1	98.5	99.6	100.5
57.5°	90.2	92.7	94.9	96.6	98.2	99.7	101.1	102.3	103.2	103.9	104.5
55°	95.6	97.7	99.8	101.5	103.0	104.2	105.2	106.0	106.6	107.1	107.5
52.5°	100.1	102.1	104.2	105.9	107.0	107.9	108.8	109.8	110.4	110.5	110.4
50°	103.8	105.9	107.8	109.3	110.8	112.5	114.2	115.1	115.4	115.2	114.9
47.5°	107.1	109.2	111.2	113.1	115.3	118.1	121.0	122.3	122.2	121.7	121.4
45°	110.4	112.7	115.1	118.0	121.0	124.7	128.0	130.1	130.1	130.2	130.7
42.5°	113.9	116.7	119.9	123.8	127.9	131.9	135.5	138.1	140.0	142.4	144.4
40°	118.1	121.3	126.0	130.9	136.1	140.5	146.0	150.8	154.7	158.2	160.9
37.5°	123.1	127.6	133.7	139.9	146.7	153.5	160.0	166.0	171.1	177.0	181.3
35°	129.0	135.5	142.9	150.7	159.1	167.8	176.1	185.6	194.0	201.6	207.7
32.5°	136.0	143.8	152.8	163.2	173.7	185.1	197.1	209.4	221.3	233.6	246.0
30°	142.9	153.3	164.8	177.4	189.8	204.7	220.2	240.4	261.5	285.6	322.6
27.5°	151.5	163.8	177.2	191.7	208.7	227.7	257.7	295.0	358.5	406.0	533.6
25°	159.8	173.9	191.1	209.9	232.7	267.6	339.1	421.9	606.2	778.8	978.2
22.5°	168.3	185.9	206.4	229.4	269.0	358.8	495.1	744.6	1029.4	1331.6	1639.5
20°	176.8	197.5	223.3	261.6	344.6	498.1	804.1	1205.1	1609.7	2104.0	2531.5
17.5°	186.3	212.0	245.7	303.3	440.1	769.2	1221.7	1778.1	2404.3	3039.8	3573.4
15°	194.2	224.3	269.4	382.1	640.4	1076.9	1669.1	2423.4	3277.2	4080.5	4765.9
12.5°	203.0	238.0	297.3	446.0	825.2	1399.1	2179.4	3107.7	4131.9	5232.7	6975.7
10°	211.0	251.7	344.1	578.7	1038.1	1724.6	2636.5	3682.4	4924.6	7128.5	11248.6
7.5°	217.8	262.6	379.3	677.6	1230.9	2031.7	3009.1	4173.8	6041.4	9744.2	16677.3
5°	222.4	269.9	403.7	751.6	1384.4	2258.3	3247.3	4497.4	7180.8	12941.5	21289.6
2.5°	225.7	273.8	416.8	794.8	1481.6	2408.2	3416.0	4715.2	7945.8	14790.9	24571.8
0°	228.1	274.9	419.4	832.2	1514.5	2459.1	3424.4	4773.6	8208.0	15513.0	25741.2
-2.5°	225.7	273.8	416.8	794.8	1481.6	2408.2	3416.0	4715.2	7945.8	14790.9	24571.8
-5°	222.4	269.9	403.7	751.6	1384.4	2258.3	3247.3	4497.4	7180.8	12941.5	21289.6
-7.5°	217.8	262.6	379.3	677.6	1230.9	2031.7	3009.1	4173.8	6041.4	9744.2	16677.3
-10°	211.0	251.7	344.1	578.7	1038.1	1724.6	2636.5	3682.4	4924.6	7128.5	11248.6
-12.5°	203.0	238.0	297.3	446.0	825.2	1399.1	2179.4	3107.7	4131.9	5232.7	6975.7
-15°	194.2	224.3	269.4	382.1	640.4	1076.9	1669.1	2423.4	3277.2	4080.5	4765.9
-17.5°	186.3	212.0	245.7	303.3	440.1	769.2	1221.7	1778.1	2404.3	3039.8	3573.4
-20°	176.8	197.5	223.3	261.6	344.6	498.1	804.1	1205.1	1609.7	2104.0	2531.5



REPORT NUMBER: P558639 (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°	168.3	185.9	206.4	229.4	269.0	358.8	495.1	744.6	1029.4	1331.6	1639.5
-25°	159.8	173.9	191.1	209.9	232.7	267.6	339.1	421.9	606.2	778.8	978.2
-27.5°	151.5	163.8	177.2	191.7	208.7	227.7	257.7	295.0	358.5	406.0	533.6
-30°	142.9	153.3	164.8	177.4	189.8	204.7	220.2	240.4	261.5	285.6	322.6
-32.5°	136.0	143.8	152.8	163.2	173.7	185.1	197.1	209.4	221.3	233.6	246.0
-35°	129.0	135.5	142.9	150.7	159.1	167.8	176.1	185.6	194.0	201.6	207.7
-37.5°	123.1	127.6	133.7	139.9	146.7	153.5	160.0	166.0	171.1	177.0	181.3
-40°	118.1	121.3	126.0	130.9	136.1	140.5	146.0	150.8	154.7	158.2	160.9
-42.5°	113.9	116.7	119.9	123.8	127.9	131.9	135.5	138.1	140.0	142.4	144.4
-45°	110.4	112.7	115.1	118.0	121.0	124.7	128.0	130.1	130.1	130.2	130.7
-47.5°	107.1	109.2	111.2	113.1	115.3	118.1	121.0	122.3	122.2	121.7	121.4
-50°	103.8	105.9	107.8	109.3	110.8	112.5	114.2	115.1	115.4	115.2	114.9
-52.5°	100.1	102.1	104.2	105.9	107.0	107.9	108.8	109.8	110.4	110.5	110.4
-55°	95.6	97.7	99.8	101.5	103.0	104.2	105.2	106.0	106.6	107.1	107.5
-57.5°	90.2	92.7	94.9	96.6	98.2	99.7	101.1	102.3	103.2	103.9	104.5
-60°	84.1	86.8	88.9	90.9	92.7	94.3	95.7	97.1	98.5	99.6	100.5
-62.5°	77.2	79.8	81.9	84.0	86.0	87.7	89.1	90.5	91.7	92.7	93.3
-65°	69.4	71.8	74.0	76.1	77.8	79.4	81.1	82.6	83.8	84.7	85.3
-67.5°	61.4	63.5	65.6	67.6	69.3	70.9	72.4	73.7	75.0	76.0	76.6
-70°	53.4	55.2	57.1	58.8	60.4	61.9	63.2	64.4	65.4	66.2	66.9
-72.5°	45.1	46.8	48.3	49.7	51.0	52.3	53.6	54.6	55.6	56.4	57.0
-75°	36.5	38.0	39.4	40.7	41.8	42.8	43.7	44.5	45.3	46.0	46.5
-77.5°	28.3	29.4	30.5	31.5	32.4	33.3	34.1	34.7	35.2	35.8	36.4
-80°	20.1	21.0	21.9	22.6	23.3	24.0	24.8	25.5	26.1	26.5	26.8
-82.5°	13.4	13.9	14.4	14.9	15.3	15.8	16.3	16.8	17.3	17.5	17.7
-85°	7.8	8.1	8.3	8.5	8.7	9.0	9.2	9.4	9.6	9.9	10.2
-87.5°	3.3	3.2	3.2	3.1	3.0	3.2	3.4	3.6	3.9	3.9	3.9
-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: P558639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.6
85°	10.4	10.6	10.3	10.0	10.3	10.6	10.4	10.2	9.9	9.6	9.4
82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.3	16.8
80°	27.1	27.3	27.7	28.1	27.7	27.3	27.1	26.8	26.5	26.1	25.5
77.5°	36.9	37.3	37.5	37.5	37.5	37.3	36.9	36.4	35.8	35.2	34.7
75°	47.0	47.3	48.1	48.8	48.1	47.3	47.0	46.5	46.0	45.3	44.5
72.5°	57.5	57.9	58.5	58.9	58.5	57.9	57.5	57.0	56.4	55.6	54.6
70°	67.5	67.9	68.1	68.2	68.1	67.9	67.5	66.9	66.2	65.4	64.4
67.5°	77.0	77.3	77.2	76.9	77.2	77.3	77.0	76.6	76.0	75.0	73.7
65°	85.7	86.0	85.9	85.6	85.9	86.0	85.7	85.3	84.7	83.8	82.6
62.5°	93.7	94.0	94.2	94.3	94.2	94.0	93.7	93.3	92.7	91.7	90.5
60°	101.2	101.9	102.2	102.3	102.2	101.9	101.2	100.5	99.6	98.5	97.1
57.5°	105.0	105.4	105.7	105.7	105.7	105.4	105.0	104.5	103.9	103.2	102.3
55°	107.6	107.6	107.4	107.0	107.4	107.6	107.6	107.5	107.1	106.6	106.0
52.5°	110.2	109.8	109.7	109.7	109.7	109.8	110.2	110.4	110.5	110.4	109.8
50°	114.6	113.9	113.6	113.7	113.6	113.9	114.6	114.9	115.2	115.4	115.1
47.5°	121.7	122.0	122.2	122.4	122.2	122.0	121.7	121.4	121.7	122.2	122.3
45°	132.0	133.0	133.6	133.8	133.6	133.0	132.0	130.7	130.2	130.1	130.1
42.5°	146.4	147.6	148.0	147.8	148.0	147.6	146.4	144.4	142.4	140.0	138.1
40°	163.7	165.9	167.2	167.2	167.2	165.9	163.7	160.9	158.2	154.7	150.8
37.5°	185.2	188.3	189.8	189.3	189.8	188.3	185.2	181.3	177.0	171.1	166.0
35°	212.4	215.4	216.7	218.1	216.7	215.4	212.4	207.7	201.6	194.0	185.6
32.5°	255.7	261.8	264.2	260.9	264.2	261.8	255.7	246.0	233.6	221.3	209.4
30°	347.6	369.8	384.7	392.0	384.7	369.8	347.6	322.6	285.6	261.5	240.4
27.5°	621.5	679.6	704.2	717.8	704.2	679.6	621.5	533.6	406.0	358.5	295.0
25°	1148.9	1273.0	1344.4	1338.6	1344.4	1273.0	1148.9	978.2	778.8	606.2	421.9
22.5°	1925.5	2121.2	2238.7	2281.8	2238.7	2121.2	1925.5	1639.5	1331.6	1029.4	744.6
20°	2888.3	3107.8	3222.5	3239.7	3222.5	3107.8	2888.3	2531.5	2104.0	1609.7	1205.1
17.5°	3993.3	4201.3	4322.3	4320.8	4322.3	4201.3	3993.3	3573.4	3039.8	2404.3	1778.1
15°	5699.2	6504.5	6958.5	6892.2	6958.5	6504.5	5699.2	4765.9	4080.5	3277.2	2423.4
12.5°	9338.5	12554.9	14550.0	15042.7	14550.0	12554.9	9338.5	6975.7	5232.7	4131.9	3107.7
10°	16502.3	21314.2	25157.2	26267.7	25157.2	21314.2	16502.3	11248.6	7128.5	4924.6	3682.4
7.5°	23737.4	29448.5	31798.8	32071.9	31798.8	29448.5	23737.4	16677.3	9744.2	6041.4	4173.8
5°	29198.6	35009.8	35682.3	33992.8	35682.3	35009.8	29198.6	21289.6	12941.5	7180.8	4497.4
2.5°	32803.4	37193.8	37820.8	36911.4	37820.8	37193.8	32803.4	24571.8	14790.9	7945.8	4715.2
0°	33625.5	36613.0	37503.7	37601.1	37503.7	36613.0	33625.5	25741.2	15513.0	8208.0	4773.6
-2.5°	32803.4	37193.8	37820.8	36911.4	37820.8	37193.8	32803.4	24571.8	14790.9	7945.8	4715.2
-5°	29198.6	35009.8	35682.3	33992.8	35682.3	35009.8	29198.6	21289.6	12941.5	7180.8	4497.4
-7.5°	23737.4	29448.5	31798.8	32071.9	31798.8	29448.5	23737.4	16677.3	9744.2	6041.4	4173.8
-10°	16502.3	21314.2	25157.2	26267.7	25157.2	21314.2	16502.3	11248.6	7128.5	4924.6	3682.4
-12.5°	9338.5	12554.9	14550.0	15042.7	14550.0	12554.9	9338.5	6975.7	5232.7	4131.9	3107.7
-15°	5699.2	6504.5	6958.5	6892.2	6958.5	6504.5	5699.2	4765.9	4080.5	3277.2	2423.4
-17.5°	3993.3	4201.3	4322.3	4320.8	4322.3	4201.3	3993.3	3573.4	3039.8	2404.3	1778.1
-20°	2888.3	3107.8	3222.5	3239.7	3222.5	3107.8	2888.3	2531.5	2104.0	1609.7	1205.1



REPORT NUMBER: P558639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	1925.5	2121.2	2238.7	2281.8	2238.7	2121.2	1925.5	1639.5	1331.6	1029.4	744.6
-25°	1148.9	1273.0	1344.4	1338.6	1344.4	1273.0	1148.9	978.2	778.8	606.2	421.9
-27.5°	621.5	679.6	704.2	717.8	704.2	679.6	621.5	533.6	406.0	358.5	295.0
-30°	347.6	369.8	384.7	392.0	384.7	369.8	347.6	322.6	285.6	261.5	240.4
-32.5°	255.7	261.8	264.2	260.9	264.2	261.8	255.7	246.0	233.6	221.3	209.4
-35°	212.4	215.4	216.7	218.1	216.7	215.4	212.4	207.7	201.6	194.0	185.6
-37.5°	185.2	188.3	189.8	189.3	189.8	188.3	185.2	181.3	177.0	171.1	166.0
-40°	163.7	165.9	167.2	167.2	167.2	165.9	163.7	160.9	158.2	154.7	150.8
-42.5°	146.4	147.6	148.0	147.8	148.0	147.6	146.4	144.4	142.4	140.0	138.1
-45°	132.0	133.0	133.6	133.8	133.6	133.0	132.0	130.7	130.2	130.1	130.1
-47.5°	121.7	122.0	122.2	122.4	122.2	122.0	121.7	121.4	121.7	122.2	122.3
-50°	114.6	113.9	113.6	113.7	113.6	113.9	114.6	114.9	115.2	115.4	115.1
-52.5°	110.2	109.8	109.7	109.7	109.7	109.8	110.2	110.4	110.5	110.4	109.8
-55°	107.6	107.6	107.4	107.0	107.4	107.6	107.6	107.5	107.1	106.6	106.0
-57.5°	105.0	105.4	105.7	105.7	105.7	105.4	105.0	104.5	103.9	103.2	102.3
-60°	101.2	101.9	102.2	102.3	102.2	101.9	101.2	100.5	99.6	98.5	97.1
-62.5°	93.7	94.0	94.2	94.3	94.2	94.0	93.7	93.3	92.7	91.7	90.5
-65°	85.7	86.0	85.9	85.6	85.9	86.0	85.7	85.3	84.7	83.8	82.6
-67.5°	77.0	77.3	77.2	76.9	77.2	77.3	77.0	76.6	76.0	75.0	73.7
-70°	67.5	67.9	68.1	68.2	68.1	67.9	67.5	66.9	66.2	65.4	64.4
-72.5°	57.5	57.9	58.5	58.9	58.5	57.9	57.5	57.0	56.4	55.6	54.6
-75°	47.0	47.3	48.1	48.8	48.1	47.3	47.0	46.5	46.0	45.3	44.5
-77.5°	36.9	37.3	37.5	37.5	37.5	37.3	36.9	36.4	35.8	35.2	34.7
-80°	27.1	27.3	27.7	28.1	27.7	27.3	27.1	26.8	26.5	26.1	25.5
-82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.3	16.8
-85°	10.4	10.6	10.3	10.0	10.3	10.6	10.4	10.2	9.9	9.6	9.4
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	3.4	3.2	3.0	3.1	3.2	3.2	3.3	3.2	3.1	2.9	2.8
85°	9.2	9.0	8.7	8.5	8.3	8.1	7.8	7.4	7.0	6.6	6.2
82.5°	16.3	15.8	15.3	14.9	14.4	13.9	13.4	12.8	12.1	11.3	10.4
80°	24.8	24.0	23.3	22.6	21.9	21.0	20.1	19.2	18.3	17.5	16.5
77.5°	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.0	25.6	24.3	22.9
75°	43.7	42.8	41.8	40.7	39.4	38.0	36.5	34.9	33.2	31.4	29.6
72.5°	53.6	52.3	51.0	49.7	48.3	46.8	45.1	43.2	41.1	38.9	36.7
70°	63.2	61.9	60.4	58.8	57.1	55.2	53.4	51.4	49.4	47.0	44.2
67.5°	72.4	70.9	69.3	67.6	65.6	63.5	61.4	59.2	56.9	54.4	51.5
65°	81.1	79.4	77.8	76.1	74.0	71.8	69.4	66.9	64.3	61.5	58.4
62.5°	89.1	87.7	86.0	84.0	81.9	79.8	77.2	74.4	71.5	68.5	65.1
60°	95.7	94.3	92.7	90.9	88.9	86.8	84.1	81.3	78.4	75.0	71.6
57.5°	101.1	99.7	98.2	96.6	94.9	92.7	90.2	87.7	84.6	81.2	77.7
55°	105.2	104.2	103.0	101.5	99.8	97.7	95.6	93.0	90.1	87.0	83.3
52.5°	108.8	107.9	107.0	105.9	104.2	102.1	100.1	97.6	95.0	91.9	88.5
50°	114.2	112.5	110.8	109.3	107.8	105.9	103.8	101.5	99.1	96.2	92.9
47.5°	121.0	118.1	115.3	113.1	111.2	109.2	107.1	104.9	102.6	100.0	96.8
45°	128.0	124.7	121.0	118.0	115.1	112.7	110.4	108.2	105.9	103.3	100.3
42.5°	135.5	131.9	127.9	123.8	119.9	116.7	113.9	111.5	109.0	106.4	103.4
40°	146.0	140.5	136.1	130.9	126.0	121.3	118.1	114.9	112.1	109.2	106.3
37.5°	160.0	153.5	146.7	139.9	133.7	127.6	123.1	119.1	115.4	112.2	108.9
35°	176.1	167.8	159.1	150.7	142.9	135.5	129.0	123.9	119.5	115.5	111.7
32.5°	197.1	185.1	173.7	163.2	152.8	143.8	136.0	129.4	124.0	119.4	114.8
30°	220.2	204.7	189.8	177.4	164.8	153.3	142.9	135.1	128.9	123.6	118.2
27.5°	257.7	227.7	208.7	191.7	177.2	163.8	151.5	140.3	133.4	127.7	121.9
25°	339.1	267.6	232.7	209.9	191.1	173.9	159.8	147.0	137.4	131.3	124.0
22.5°	495.1	358.8	269.0	229.4	206.4	185.9	168.3	153.8	140.6	132.8	125.3
20°	804.1	498.1	344.6	261.6	223.3	197.5	176.8	160.5	145.9	134.6	126.3
17.5°	1221.7	769.2	440.1	303.3	245.7	212.0	186.3	166.6	150.6	136.5	126.8
15°	1669.1	1076.9	640.4	382.1	269.4	224.3	194.2	172.3	154.9	139.4	128.2
12.5°	2179.4	1399.1	825.2	446.0	297.3	238.0	203.0	178.4	159.3	142.9	130.5
10°	2636.5	1724.6	1038.1	578.7	344.1	251.7	211.0	183.9	163.3	145.7	132.2
7.5°	3009.1	2031.7	1230.9	677.6	379.3	262.6	217.8	188.5	166.6	147.8	133.5
5°	3247.3	2258.3	1384.4	751.6	403.7	269.9	222.4	192.0	169.2	149.1	134.2
2.5°	3416.0	2408.2	1481.6	794.8	416.8	273.8	225.7	194.0	171.0	150.8	135.6
0°	3424.4	2459.1	1514.5	832.2	419.4	274.9	228.1	194.7	171.9	151.9	136.5
-2.5°	3416.0	2408.2	1481.6	794.8	416.8	273.8	225.7	194.0	171.0	150.8	135.6
-5°	3247.3	2258.3	1384.4	751.6	403.7	269.9	222.4	192.0	169.2	149.1	134.2
-7.5°	3009.1	2031.7	1230.9	677.6	379.3	262.6	217.8	188.5	166.6	147.8	133.5
-10°	2636.5	1724.6	1038.1	578.7	344.1	251.7	211.0	183.9	163.3	145.7	132.2
-12.5°	2179.4	1399.1	825.2	446.0	297.3	238.0	203.0	178.4	159.3	142.9	130.5
-15°	1669.1	1076.9	640.4	382.1	269.4	224.3	194.2	172.3	154.9	139.4	128.2
-17.5°	1221.7	769.2	440.1	303.3	245.7	212.0	186.3	166.6	150.6	136.5	126.8
-20°	804.1	498.1	344.6	261.6	223.3	197.5	176.8	160.5	145.9	134.6	126.3



REPORT NUMBER: P558639 (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°	495.1	358.8	269.0	229.4	206.4	185.9	168.3	153.8	140.6	132.8	125.3
-25°	339.1	267.6	232.7	209.9	191.1	173.9	159.8	147.0	137.4	131.3	124.0
-27.5°	257.7	227.7	208.7	191.7	177.2	163.8	151.5	140.3	133.4	127.7	121.9
-30°	220.2	204.7	189.8	177.4	164.8	153.3	142.9	135.1	128.9	123.6	118.2
-32.5°	197.1	185.1	173.7	163.2	152.8	143.8	136.0	129.4	124.0	119.4	114.8
-35°	176.1	167.8	159.1	150.7	142.9	135.5	129.0	123.9	119.5	115.5	111.7
-37.5°	160.0	153.5	146.7	139.9	133.7	127.6	123.1	119.1	115.4	112.2	108.9
-40°	146.0	140.5	136.1	130.9	126.0	121.3	118.1	114.9	112.1	109.2	106.3
-42.5°	135.5	131.9	127.9	123.8	119.9	116.7	113.9	111.5	109.0	106.4	103.4
-45°	128.0	124.7	121.0	118.0	115.1	112.7	110.4	108.2	105.9	103.3	100.3
-47.5°	121.0	118.1	115.3	113.1	111.2	109.2	107.1	104.9	102.6	100.0	96.8
-50°	114.2	112.5	110.8	109.3	107.8	105.9	103.8	101.5	99.1	96.2	92.9
-52.5°	108.8	107.9	107.0	105.9	104.2	102.1	100.1	97.6	95.0	91.9	88.5
-55°	105.2	104.2	103.0	101.5	99.8	97.7	95.6	93.0	90.1	87.0	83.3
-57.5°	101.1	99.7	98.2	96.6	94.9	92.7	90.2	87.7	84.6	81.2	77.7
-60°	95.7	94.3	92.7	90.9	88.9	86.8	84.1	81.3	78.4	75.0	71.6
-62.5°	89.1	87.7	86.0	84.0	81.9	79.8	77.2	74.4	71.5	68.5	65.1
-65°	81.1	79.4	77.8	76.1	74.0	71.8	69.4	66.9	64.3	61.5	58.4
-67.5°	72.4	70.9	69.3	67.6	65.6	63.5	61.4	59.2	56.9	54.4	51.5
-70°	63.2	61.9	60.4	58.8	57.1	55.2	53.4	51.4	49.4	47.0	44.2
-72.5°	53.6	52.3	51.0	49.7	48.3	46.8	45.1	43.2	41.1	38.9	36.7
-75°	43.7	42.8	41.8	40.7	39.4	38.0	36.5	34.9	33.2	31.4	29.6
-77.5°	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.0	25.6	24.3	22.9
-80°	24.8	24.0	23.3	22.6	21.9	21.0	20.1	19.2	18.3	17.5	16.5
-82.5°	16.3	15.8	15.3	14.9	14.4	13.9	13.4	12.8	12.1	11.3	10.4
-85°	9.2	9.0	8.7	8.5	8.3	8.1	7.8	7.4	7.0	6.6	6.2
-87.5°	3.4	3.2	3.0	3.1	3.2	3.2	3.3	3.2	3.1	2.9	2.8
-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: P558639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
85°	5.9	5.6	5.3	4.9	4.5	4.0	3.7	3.4	3.1	2.7	2.4
82.5°	9.8	9.3	8.8	8.3	7.8	7.2	6.5	5.8	4.9	4.1	3.6
80°	15.5	14.4	13.4	12.3	11.3	10.3	9.5	8.6	7.4	6.3	5.2
77.5°	21.5	19.9	18.4	16.9	15.5	14.1	12.8	11.4	9.8	8.4	7.0
75°	27.7	25.8	23.9	22.0	19.9	17.9	16.2	14.5	12.6	10.6	8.8
72.5°	34.5	32.2	29.7	27.1	24.8	22.4	19.9	17.5	15.4	13.1	10.7
70°	41.5	38.7	36.0	33.0	29.9	26.8	24.0	21.1	18.2	15.7	13.0
67.5°	48.4	45.2	42.0	38.7	35.2	31.6	28.1	24.8	21.5	18.2	15.2
65°	55.1	51.6	47.8	44.1	40.3	36.4	32.5	28.6	24.8	21.1	17.5
62.5°	61.6	57.9	53.8	49.5	45.3	41.0	36.7	32.5	28.1	24.0	19.9
60°	67.9	63.9	59.6	54.9	50.2	45.5	40.9	36.3	31.6	26.8	22.4
57.5°	73.7	69.7	65.0	60.1	55.0	49.9	45.0	40.0	34.9	29.8	24.8
55°	79.3	75.0	70.2	65.0	59.7	54.2	49.0	43.6	38.2	32.7	27.1
52.5°	84.5	80.0	75.0	69.8	64.2	58.4	52.9	47.1	41.4	35.6	29.6
50°	89.2	84.6	79.5	74.1	68.5	62.6	56.8	50.7	44.5	38.3	32.1
47.5°	93.2	88.8	83.7	78.3	72.4	66.6	60.4	54.1	47.4	40.9	34.4
45°	96.7	92.6	87.6	82.1	76.3	70.3	63.9	57.5	50.5	43.5	36.7
42.5°	100.0	96.0	91.2	85.7	80.0	73.8	67.2	60.5	53.4	46.0	38.9
40°	102.8	99.0	94.6	89.2	83.5	77.3	70.4	63.4	56.3	48.4	41.0
37.5°	105.5	101.7	97.3	92.7	86.9	80.5	73.5	66.0	58.9	50.8	43.0
35°	108.0	104.1	100.2	95.7	90.0	83.5	76.4	68.6	61.1	53.0	44.9
32.5°	110.4	106.4	102.5	98.2	93.0	86.5	79.1	71.1	63.2	55.1	46.6
30°	113.1	108.4	104.6	100.6	95.7	89.1	81.6	73.3	65.2	57.1	48.3
27.5°	115.3	110.1	106.4	102.4	97.8	91.6	83.7	75.4	67.0	58.8	49.9
25°	117.1	111.7	107.7	104.0	99.6	93.6	85.7	77.2	68.7	60.3	51.3
22.5°	118.6	113.1	108.8	105.5	101.3	95.4	87.4	78.8	70.2	61.7	52.6
20°	119.4	114.1	109.6	106.6	102.8	96.7	88.8	80.2	71.5	62.9	53.8
17.5°	119.7	114.8	110.5	107.4	103.9	98.0	90.1	81.4	72.6	64.0	54.9
15°	120.8	115.5	111.3	108.1	104.8	99.3	91.2	82.5	73.6	64.9	55.7
12.5°	122.0	116.0	111.8	108.6	105.6	100.6	92.0	83.4	74.4	65.7	56.5
10°	123.0	116.4	112.1	109.0	106.2	101.7	92.7	84.1	75.1	66.4	57.1
7.5°	123.8	116.6	112.1	109.3	106.6	102.6	93.4	84.6	75.8	66.9	57.6
5°	124.5	116.6	112.1	109.5	107.1	103.2	93.9	84.9	76.3	67.3	57.9
2.5°	124.9	116.6	111.9	109.7	107.4	103.6	94.2	85.1	76.7	67.5	58.1
0°	125.1	116.4	111.7	109.7	107.7	103.7	94.3	85.0	76.9	67.6	58.2
-2.5°	124.9	116.6	111.9	109.7	107.4	103.6	94.2	85.1	76.7	67.5	58.1
-5°	124.5	116.6	112.1	109.5	107.1	103.2	93.9	84.9	76.3	67.3	57.9
-7.5°	123.8	116.6	112.1	109.3	106.6	102.6	93.4	84.6	75.8	66.9	57.6
-10°	123.0	116.4	112.1	109.0	106.2	101.7	92.7	84.1	75.1	66.4	57.1
-12.5°	122.0	116.0	111.8	108.6	105.6	100.6	92.0	83.4	74.4	65.7	56.5
-15°	120.8	115.5	111.3	108.1	104.8	99.3	91.2	82.5	73.6	64.9	55.7
-17.5°	119.7	114.8	110.5	107.4	103.9	98.0	90.1	81.4	72.6	64.0	54.9
-20°	119.4	114.1	109.6	106.6	102.8	96.7	88.8	80.2	71.5	62.9	53.8



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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°	118.6	113.1	108.8	105.5	101.3	95.4	87.4	78.8	70.2	61.7	52.6
-25°	117.1	111.7	107.7	104.0	99.6	93.6	85.7	77.2	68.7	60.3	51.3
-27.5°	115.3	110.1	106.4	102.4	97.8	91.6	83.7	75.4	67.0	58.8	49.9
-30°	113.1	108.4	104.6	100.6	95.7	89.1	81.6	73.3	65.2	57.1	48.3
-32.5°	110.4	106.4	102.5	98.2	93.0	86.5	79.1	71.1	63.2	55.1	46.6
-35°	108.0	104.1	100.2	95.7	90.0	83.5	76.4	68.6	61.1	53.0	44.9
-37.5°	105.5	101.7	97.3	92.7	86.9	80.5	73.5	66.0	58.9	50.8	43.0
-40°	102.8	99.0	94.6	89.2	83.5	77.3	70.4	63.4	56.3	48.4	41.0
-42.5°	100.0	96.0	91.2	85.7	80.0	73.8	67.2	60.5	53.4	46.0	38.9
-45°	96.7	92.6	87.6	82.1	76.3	70.3	63.9	57.5	50.5	43.5	36.7
-47.5°	93.2	88.8	83.7	78.3	72.4	66.6	60.4	54.1	47.4	40.9	34.4
-50°	89.2	84.6	79.5	74.1	68.5	62.6	56.8	50.7	44.5	38.3	32.1
-52.5°	84.5	80.0	75.0	69.8	64.2	58.4	52.9	47.1	41.4	35.6	29.6
-55°	79.3	75.0	70.2	65.0	59.7	54.2	49.0	43.6	38.2	32.7	27.1
-57.5°	73.7	69.7	65.0	60.1	55.0	49.9	45.0	40.0	34.9	29.8	24.8
-60°	67.9	63.9	59.6	54.9	50.2	45.5	40.9	36.3	31.6	26.8	22.4
-62.5°	61.6	57.9	53.8	49.5	45.3	41.0	36.7	32.5	28.1	24.0	19.9
-65°	55.1	51.6	47.8	44.1	40.3	36.4	32.5	28.6	24.8	21.1	17.5
-67.5°	48.4	45.2	42.0	38.7	35.2	31.6	28.1	24.8	21.5	18.2	15.2
-70°	41.5	38.7	36.0	33.0	29.9	26.8	24.0	21.1	18.2	15.7	13.0
-72.5°	34.5	32.2	29.7	27.1	24.8	22.4	19.9	17.5	15.4	13.1	10.7
-75°	27.7	25.8	23.9	22.0	19.9	17.9	16.2	14.5	12.6	10.6	8.8
-77.5°	21.5	19.9	18.4	16.9	15.5	14.1	12.8	11.4	9.8	8.4	7.0
-80°	15.5	14.4	13.4	12.3	11.3	10.3	9.5	8.6	7.4	6.3	5.2
-82.5°	9.8	9.3	8.8	8.3	7.8	7.2	6.5	5.8	4.9	4.1	3.6
-85°	5.9	5.6	5.3	4.9	4.5	4.0	3.7	3.4	3.1	2.7	2.4
-87.5°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	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°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
80°	4.2	3.4	2.8	2.1	1.4	0.7	0.0
77.5°	5.7	4.5	3.4	2.6	1.7	0.9	0.0
75°	7.2	5.8	4.2	3.1	2.1	1.0	0.0
72.5°	8.7	7.1	5.3	3.6	2.4	1.2	0.0
70°	10.3	8.3	6.3	4.2	2.7	1.4	0.0
67.5°	12.3	9.6	7.4	5.0	3.1	1.5	0.0
65°	14.2	11.0	8.4	5.7	3.4	1.7	0.0
62.5°	16.1	12.6	9.4	6.5	3.7	1.8	0.0
60°	17.9	14.1	10.4	7.3	4.0	2.0	0.0
57.5°	19.9	15.5	11.5	8.0	4.5	2.1	0.0
55°	22.0	17.0	12.7	8.7	5.0	2.3	0.0
52.5°	23.9	18.4	13.7	9.5	5.5	2.4	0.0
50°	25.8	19.9	14.8	10.1	5.9	2.6	0.0
47.5°	27.7	21.5	15.8	10.8	6.3	2.7	0.0
45°	29.7	22.9	16.8	11.6	6.8	2.8	0.0
42.5°	31.6	24.4	17.7	12.2	7.2	2.9	0.0
40°	33.4	25.7	18.6	12.9	7.6	3.1	0.0
37.5°	35.1	27.0	19.7	13.5	7.9	3.2	0.0
35°	36.8	28.3	20.6	14.1	8.3	3.3	0.0
32.5°	38.3	29.6	21.5	14.6	8.6	3.4	0.0
30°	39.8	30.8	22.4	15.1	8.9	3.5	0.0
27.5°	41.1	32.0	23.2	15.6	9.2	3.5	0.0
25°	42.3	33.0	23.9	16.0	9.4	3.6	0.0
22.5°	43.4	34.0	24.7	16.4	9.7	3.7	0.0
20°	44.5	34.9	25.3	16.8	9.9	3.8	0.0
17.5°	45.3	35.6	25.9	17.1	10.1	3.8	0.0
15°	46.1	36.3	26.4	17.3	10.2	3.9	0.0
12.5°	46.7	36.9	26.9	17.6	10.4	3.9	0.0
10°	47.3	37.3	27.3	17.8	10.5	3.9	0.0
7.5°	47.7	37.7	27.6	17.9	10.6	4.0	0.0
5°	48.0	37.9	27.8	18.0	10.6	4.0	0.0
2.5°	48.1	38.1	28.0	18.1	10.7	4.0	0.0
0°	48.2	38.1	28.1	18.1	10.7	4.0	0.0
-2.5°	48.1	38.1	28.0	18.1	10.7	4.0	0.0
-5°	48.0	37.9	27.8	18.0	10.6	4.0	0.0
-7.5°	47.7	37.7	27.6	17.9	10.6	4.0	0.0
-10°	47.3	37.3	27.3	17.8	10.5	3.9	0.0
-12.5°	46.7	36.9	26.9	17.6	10.4	3.9	0.0
-15°	46.1	36.3	26.4	17.3	10.2	3.9	0.0
-17.5°	45.3	35.6	25.9	17.1	10.1	3.8	0.0
-20°	44.5	34.9	25.3	16.8	9.9	3.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.4	34.0	24.7	16.4	9.7	3.7	0.0
-25°	42.3	33.0	23.9	16.0	9.4	3.6	0.0
-27.5°	41.1	32.0	23.2	15.6	9.2	3.5	0.0
-30°	39.8	30.8	22.4	15.1	8.9	3.5	0.0
-32.5°	38.3	29.6	21.5	14.6	8.6	3.4	0.0
-35°	36.8	28.3	20.6	14.1	8.3	3.3	0.0
-37.5°	35.1	27.0	19.7	13.5	7.9	3.2	0.0
-40°	33.4	25.7	18.6	12.9	7.6	3.1	0.0
-42.5°	31.6	24.4	17.7	12.2	7.2	2.9	0.0
-45°	29.7	22.9	16.8	11.6	6.8	2.8	0.0
-47.5°	27.7	21.5	15.8	10.8	6.3	2.7	0.0
-50°	25.8	19.9	14.8	10.1	5.9	2.6	0.0
-52.5°	23.9	18.4	13.7	9.5	5.5	2.4	0.0
-55°	22.0	17.0	12.7	8.7	5.0	2.3	0.0
-57.5°	19.9	15.5	11.5	8.0	4.5	2.1	0.0
-60°	17.9	14.1	10.4	7.3	4.0	2.0	0.0
-62.5°	16.1	12.6	9.4	6.5	3.7	1.8	0.0
-65°	14.2	11.0	8.4	5.7	3.4	1.7	0.0
-67.5°	12.3	9.6	7.4	5.0	3.1	1.5	0.0
-70°	10.3	8.3	6.3	4.2	2.7	1.4	0.0
-72.5°	8.7	7.1	5.3	3.6	2.4	1.2	0.0
-75°	7.2	5.8	4.2	3.1	2.1	1.0	0.0
-77.5°	5.7	4.5	3.4	2.6	1.7	0.9	0.0
-80°	4.2	3.4	2.8	2.1	1.4	0.7	0.0
-82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)