

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: P558551 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558551 (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-SA1C-940-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

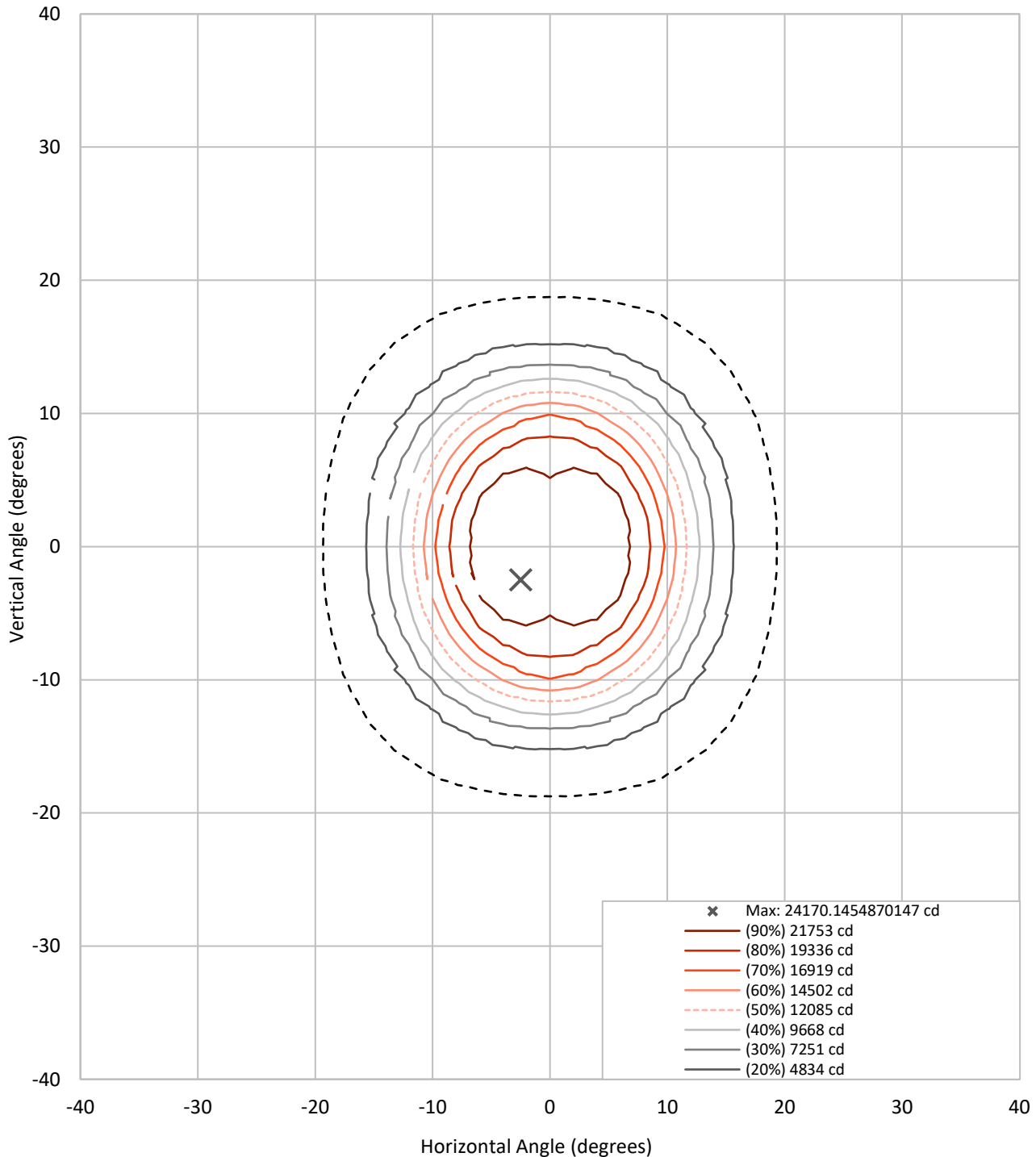
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4570.5 lumens	Max Intensity:	24170.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2467.5 lumens	Field Lumens:	3721.1 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 44
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





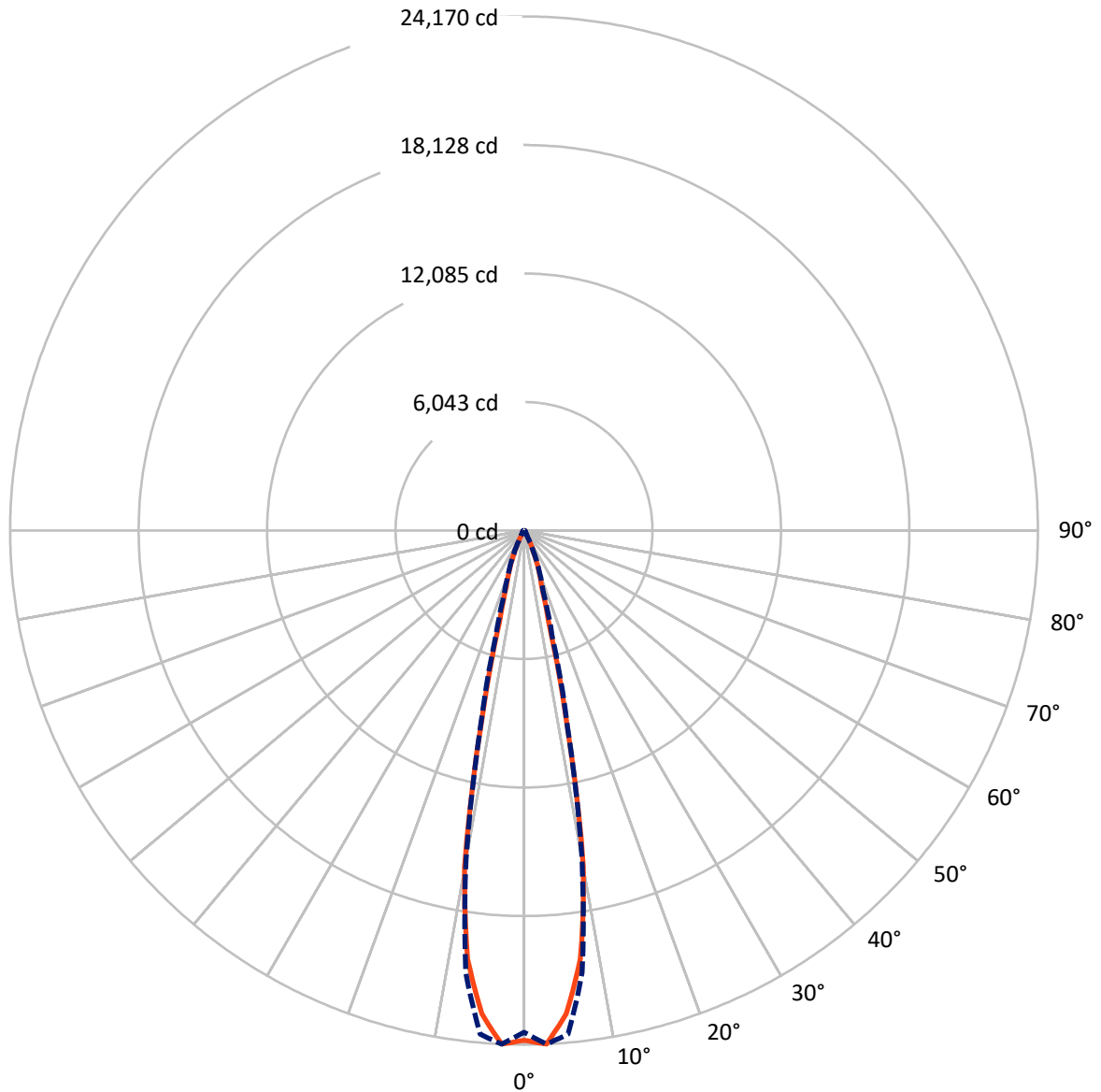
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Lumen Table

90	0.1	0.5		1.2		2.0		2.3		2.0		1.2		0.5		0.1
80	0.1	0.5		1.2		2.0		2.3		2.0		1.2		0.5		0.1
70	0.2	0.2	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.2	0.2
60		0.4	0.7	1.1	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.1	0.7	0.4	
50	0.4	0.5	0.9	1.4	1.8	2.2	2.5	2.6	2.6	2.5	2.2	1.8	1.4	0.9	0.5	0.4
40		0.6	1.1	1.5	2.1	2.8	3.7	4.5	4.5	3.7	2.8	2.1	1.5	1.1	0.6	
30	0.5	0.6	1.2	1.7	2.6	4.7	14.0	27.3	27.3	14.0	4.7	2.6	1.7	1.2	0.6	0.5
20		0.7	1.2	1.8	3.2	13.9	64.0	164.5	164.5	64.0	13.9	3.2	1.8	1.2	0.7	
10	0.6	0.7	1.2	1.9	3.9	27.0	166.6	588.7	588.7	166.6	27.0	3.9	1.9	1.2	0.7	0.6
0		0.7	1.2	1.9	3.9	27.0	166.6	588.7	588.7	166.6	27.0	3.9	1.9	1.2	0.7	
-10	0.5	0.7	1.2	1.8	3.2	13.9	64.0	164.5	164.5	64.0	13.9	3.2	1.8	1.2	0.7	0.5
-20		0.6	1.2	1.7	2.6	4.7	14.0	27.3	27.3	14.0	4.7	2.6	1.7	1.2	0.6	
-30	0.4	0.6	1.1	1.5	2.1	2.8	3.7	4.5	4.5	3.7	2.8	2.1	1.5	1.1	0.6	0.4
-40		0.5	0.9	1.4	1.8	2.2	2.5	2.6	2.6	2.5	2.2	1.8	1.4	0.9	0.5	
-50	0.2	0.4	0.7	1.1	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.1	0.7	0.4	0.2
-60		0.2	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.2	
-70	0.1	0.5		1.2		2.0		2.3		2.0		1.2		0.5		0.1
-80		0.5		1.2		2.0		2.3		2.0		1.2		0.5		
-90	0.1	0.5		1.2		2.0		2.3		2.0		1.2		0.5		0.1

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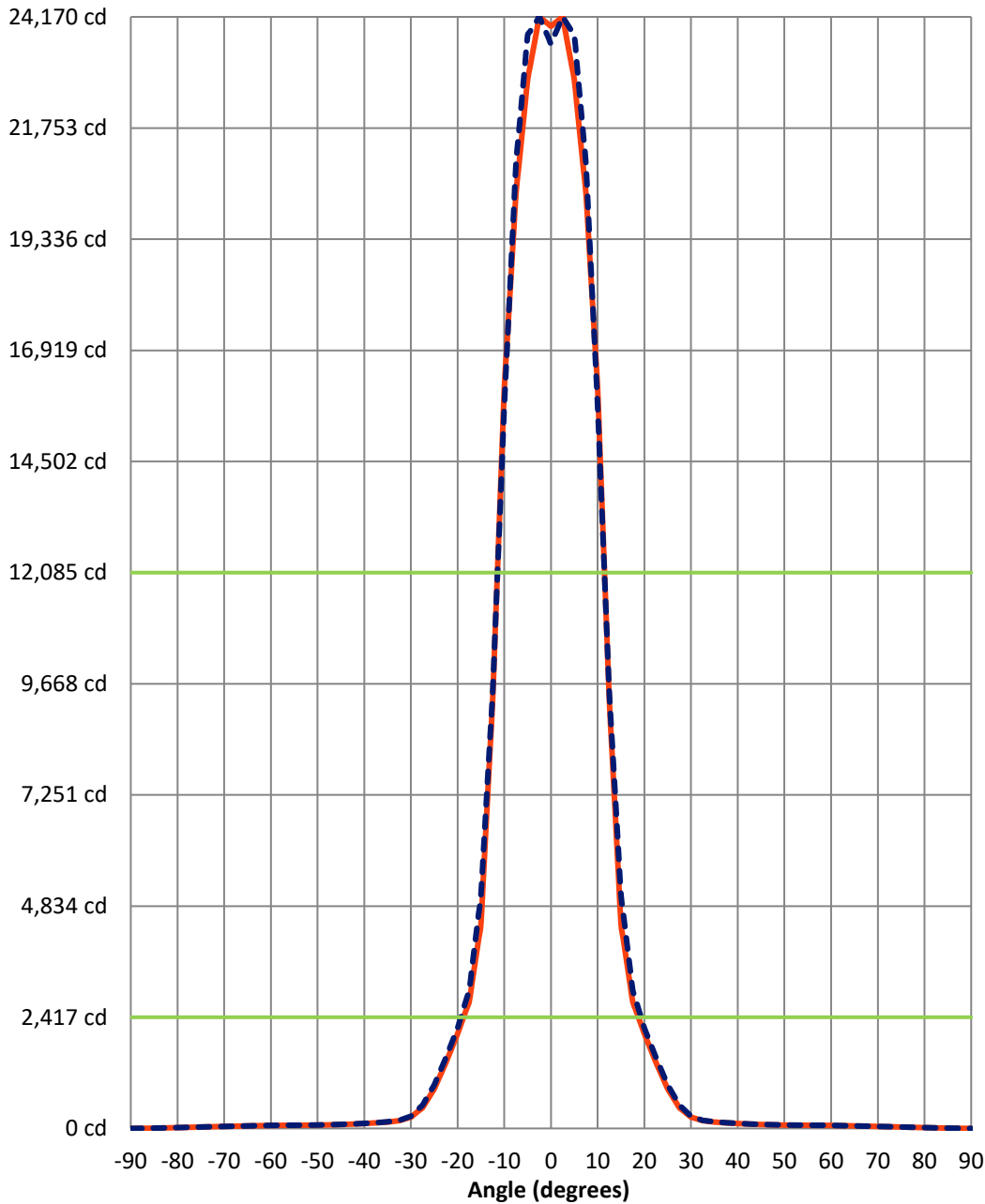
Luminous Intensity Polar Plot



— 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: 2467.5
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 3721.1
Efficiency: 81.4%

Spill:
Lumens: 849.4
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	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.2	3.7
80°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.4	4.0	4.7	5.5
77.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.7	4.5	5.4	6.3	7.2
75°	0.0	0.7	1.3	2.0	2.7	3.7	4.6	5.6	6.7	8.0	9.2
72.5°	0.0	0.8	1.6	2.3	3.4	4.5	5.6	6.8	8.3	9.8	11.1
70°	0.0	0.9	1.8	2.7	4.1	5.3	6.6	8.3	10.0	11.5	13.4
67.5°	0.0	1.0	2.0	3.2	4.7	6.1	7.8	9.7	11.5	13.7	15.8
65°	0.0	1.1	2.2	3.7	5.4	7.0	9.0	11.1	13.4	15.8	18.2
62.5°	0.0	1.2	2.4	4.2	6.0	8.0	10.2	12.7	15.3	18.0	20.7
60°	0.0	1.3	2.6	4.7	6.6	9.0	11.4	14.3	17.1	20.1	23.1
57.5°	0.0	1.4	2.9	5.1	7.3	9.9	12.7	15.8	19.0	22.3	25.5
55°	0.0	1.5	3.2	5.6	8.1	10.8	14.0	17.3	20.9	24.4	27.9
52.5°	0.0	1.6	3.5	6.0	8.7	11.7	15.3	18.9	22.7	26.4	30.2
50°	0.0	1.7	3.8	6.5	9.4	12.7	16.5	20.5	24.4	28.4	32.4
47.5°	0.0	1.8	4.1	6.9	10.0	13.7	17.7	22.0	26.1	30.4	34.6
45°	0.0	1.8	4.3	7.3	10.6	14.6	18.9	23.4	27.8	32.3	36.8
42.5°	0.0	1.9	4.6	7.8	11.2	15.5	20.2	24.8	29.4	34.2	38.7
40°	0.0	2.0	4.8	8.2	11.8	16.4	21.3	26.2	31.0	36.0	40.5
37.5°	0.0	2.1	5.1	8.6	12.5	17.2	22.4	27.5	32.5	37.6	42.2
35°	0.0	2.1	5.3	8.9	13.1	18.1	23.5	28.7	33.9	39.0	43.9
32.5°	0.0	2.2	5.5	9.3	13.7	18.9	24.5	29.8	35.2	40.4	45.4
30°	0.0	2.3	5.7	9.6	14.3	19.7	25.4	30.9	36.5	41.7	46.9
27.5°	0.0	2.3	5.8	9.9	14.8	20.4	26.3	31.9	37.6	42.8	48.2
25°	0.0	2.4	6.0	10.2	15.3	21.1	27.1	32.8	38.5	43.9	49.3
22.5°	0.0	2.4	6.2	10.4	15.7	21.7	27.8	33.7	39.4	44.9	50.3
20°	0.0	2.4	6.3	10.6	16.2	22.3	28.4	34.4	40.2	45.7	51.2
17.5°	0.0	2.5	6.4	10.8	16.5	22.8	29.0	35.1	40.9	46.4	52.0
15°	0.0	2.5	6.5	11.0	16.9	23.2	29.5	35.6	41.5	47.0	52.7
12.5°	0.0	2.5	6.6	11.2	17.2	23.6	29.9	36.1	42.0	47.5	53.3
10°	0.0	2.6	6.7	11.3	17.4	23.9	30.2	36.5	42.4	48.0	53.7
7.5°	0.0	2.6	6.7	11.4	17.6	24.1	30.5	36.8	42.8	48.4	54.1
5°	0.0	2.6	6.8	11.4	17.8	24.3	30.7	37.0	43.0	48.8	54.3
2.5°	0.0	2.6	6.8	11.5	17.9	24.4	30.8	37.2	43.2	49.0	54.3
0°	0.0	2.6	6.8	11.5	18.0	24.4	30.8	37.2	43.2	49.2	54.3
-2.5°	0.0	2.6	6.8	11.5	18.0	24.4	30.8	37.2	43.2	49.2	54.3
-5°	0.0	2.6	6.8	11.4	17.8	24.3	30.7	37.0	43.0	48.8	54.3
-7.5°	0.0	2.6	6.7	11.4	17.6	24.1	30.5	36.8	42.8	48.4	54.1
-10°	0.0	2.6	6.7	11.3	17.4	23.9	30.2	36.5	42.4	48.0	53.7
-12.5°	0.0	2.5	6.6	11.2	17.2	23.6	29.9	36.1	42.0	47.5	53.3
-15°	0.0	2.5	6.5	11.0	16.9	23.2	29.5	35.6	41.5	47.0	52.7
-17.5°	0.0	2.5	6.4	10.8	16.5	22.8	29.0	35.1	40.9	46.4	52.0
-20°	0.0	2.4	6.3	10.6	16.2	22.3	28.4	34.4	40.2	45.7	51.2



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 CATALOG NUMBER: GFLD-SA1C-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.4	6.2	10.4	15.7	21.7	27.8	33.7	39.4	44.9	50.3
-25°	0.0	2.4	6.0	10.2	15.3	21.1	27.1	32.8	38.5	43.9	49.3
-27.5°	0.0	2.3	5.8	9.9	14.8	20.4	26.3	31.9	37.6	42.8	48.2
-30°	0.0	2.3	5.7	9.6	14.3	19.7	25.4	30.9	36.5	41.7	46.9
-32.5°	0.0	2.2	5.5	9.3	13.7	18.9	24.5	29.8	35.2	40.4	45.4
-35°	0.0	2.1	5.3	8.9	13.1	18.1	23.5	28.7	33.9	39.0	43.9
-37.5°	0.0	2.1	5.1	8.6	12.5	17.2	22.4	27.5	32.5	37.6	42.2
-40°	0.0	2.0	4.8	8.2	11.8	16.4	21.3	26.2	31.0	36.0	40.5
-42.5°	0.0	1.9	4.6	7.8	11.2	15.5	20.2	24.8	29.4	34.2	38.7
-45°	0.0	1.8	4.3	7.3	10.6	14.6	18.9	23.4	27.8	32.3	36.8
-47.5°	0.0	1.8	4.1	6.9	10.0	13.7	17.7	22.0	26.1	30.4	34.6
-50°	0.0	1.7	3.8	6.5	9.4	12.7	16.5	20.5	24.4	28.4	32.4
-52.5°	0.0	1.6	3.5	6.0	8.7	11.7	15.3	18.9	22.7	26.4	30.2
-55°	0.0	1.5	3.2	5.6	8.1	10.8	14.0	17.3	20.9	24.4	27.9
-57.5°	0.0	1.4	2.9	5.1	7.3	9.9	12.7	15.8	19.0	22.3	25.5
-60°	0.0	1.3	2.6	4.7	6.6	9.0	11.4	14.3	17.1	20.1	23.1
-62.5°	0.0	1.2	2.4	4.2	6.0	8.0	10.2	12.7	15.3	18.0	20.7
-65°	0.0	1.1	2.2	3.7	5.4	7.0	9.0	11.1	13.4	15.8	18.2
-67.5°	0.0	1.0	2.0	3.2	4.7	6.1	7.8	9.7	11.5	13.7	15.8
-70°	0.0	0.9	1.8	2.7	4.1	5.3	6.6	8.3	10.0	11.5	13.4
-72.5°	0.0	0.8	1.6	2.3	3.4	4.5	5.6	6.8	8.3	9.8	11.1
-75°	0.0	0.7	1.3	2.0	2.7	3.7	4.6	5.6	6.7	8.0	9.2
-77.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.7	4.5	5.4	6.3	7.2
-80°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.4	4.0	4.7	5.5
-82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.2	3.7
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-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°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1
85°	2.4	2.6	2.9	3.2	3.4	3.6	3.8	4.0	4.3	4.5	4.8
82.5°	4.2	4.6	5.0	5.3	5.7	5.9	6.2	6.7	7.2	7.7	8.1
80°	6.1	6.6	7.2	7.9	8.5	9.2	9.9	10.5	11.1	11.7	12.3
77.5°	8.1	9.0	9.9	10.8	11.7	12.7	13.7	14.6	15.5	16.4	17.2
75°	10.3	11.4	12.7	14.0	15.3	16.5	17.7	18.9	20.1	21.2	22.2
72.5°	12.7	14.3	15.8	17.3	19.0	20.6	22.0	23.4	24.8	26.2	27.6
70°	15.3	17.1	19.1	21.1	23.0	24.8	26.5	28.3	30.0	31.6	32.9
67.5°	18.0	20.2	22.5	24.8	26.9	28.9	31.0	32.9	34.7	36.3	37.8
65°	20.7	23.2	25.8	28.2	30.6	32.9	35.2	37.3	39.3	41.1	42.8
62.5°	23.4	26.2	28.9	31.6	34.4	37.0	39.3	41.6	43.8	45.7	47.5
60°	26.1	29.1	32.1	35.1	38.1	40.8	43.3	45.7	47.9	50.0	52.0
57.5°	28.7	31.9	35.2	38.4	41.5	44.5	47.1	49.6	51.9	54.0	56.0
55°	31.3	34.7	38.2	41.6	44.8	47.9	50.7	53.2	55.6	57.6	59.5
52.5°	33.8	37.4	41.0	44.6	47.9	51.1	54.0	56.5	58.7	60.8	62.4
50°	36.3	40.0	43.8	47.4	50.8	54.1	57.0	59.4	61.5	63.3	64.9
47.5°	38.6	42.5	46.3	50.0	53.5	56.7	59.6	61.9	63.9	65.6	67.0
45°	40.9	44.9	48.8	52.5	56.0	59.2	61.8	64.1	66.0	67.7	69.1
42.5°	43.0	47.2	51.1	54.8	58.3	61.3	63.9	66.0	68.0	69.6	71.3
40°	45.0	49.4	53.4	57.0	60.4	63.3	65.7	67.9	69.8	71.7	73.5
37.5°	47.0	51.4	55.5	59.2	62.2	65.0	67.4	69.6	71.7	73.8	76.2
35°	48.8	53.4	57.5	61.1	64.1	66.5	69.0	71.4	73.8	76.4	79.2
32.5°	50.6	55.3	59.4	62.8	65.5	68.0	70.6	73.4	76.3	79.3	82.7
30°	52.1	56.9	61.1	64.3	66.8	69.3	72.3	75.5	79.0	82.4	86.3
27.5°	53.5	58.5	62.5	65.5	68.0	70.4	73.7	77.9	81.7	85.3	89.6
25°	54.7	59.8	63.7	66.5	68.8	71.4	74.8	79.2	83.9	87.9	93.9
22.5°	55.8	60.9	64.8	67.4	69.5	72.3	75.8	80.1	84.9	89.9	98.3
20°	56.7	61.8	65.7	68.2	70.0	72.9	76.3	80.7	86.0	93.2	102.5
17.5°	57.6	62.6	66.4	68.6	70.6	73.4	76.5	81.1	87.2	96.2	106.4
15°	58.3	63.5	67.0	69.1	71.1	73.8	77.2	81.9	89.1	99.0	110.0
12.5°	58.8	64.3	67.5	69.4	71.4	74.1	77.9	83.4	91.3	101.8	114.0
10°	59.3	65.0	67.9	69.7	71.6	74.4	78.6	84.5	93.1	104.3	117.5
7.5°	59.7	65.6	68.2	69.9	71.6	74.5	79.1	85.3	94.5	106.5	120.5
5°	60.0	66.0	68.4	70.0	71.6	74.5	79.5	85.8	95.3	108.0	122.6
2.5°	60.2	66.2	68.6	70.1	71.5	74.5	79.8	86.6	96.3	109.3	124.0
0°	60.3	66.3	68.8	70.1	71.4	74.4	79.9	87.2	97.0	109.9	124.4
-2.5°	60.2	66.2	68.6	70.1	71.5	74.5	79.8	86.6	96.3	109.3	124.0
-5°	60.0	66.0	68.4	70.0	71.6	74.5	79.5	85.8	95.3	108.0	122.6
-7.5°	59.7	65.6	68.2	69.9	71.6	74.5	79.1	85.3	94.5	106.5	120.5
-10°	59.3	65.0	67.9	69.7	71.6	74.4	78.6	84.5	93.1	104.3	117.5
-12.5°	58.8	64.3	67.5	69.4	71.4	74.1	77.9	83.4	91.3	101.8	114.0
-15°	58.3	63.5	67.0	69.1	71.1	73.8	77.2	81.9	89.1	99.0	110.0
-17.5°	57.6	62.6	66.4	68.6	70.6	73.4	76.5	81.1	87.2	96.2	106.4
-20°	56.7	61.8	65.7	68.2	70.0	72.9	76.3	80.7	86.0	93.2	102.5



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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°	55.8	60.9	64.8	67.4	69.5	72.3	75.8	80.1	84.9	89.9	98.3
-25°	54.7	59.8	63.7	66.5	68.8	71.4	74.8	79.2	83.9	87.9	93.9
-27.5°	53.5	58.5	62.5	65.5	68.0	70.4	73.7	77.9	81.7	85.3	89.6
-30°	52.1	56.9	61.1	64.3	66.8	69.3	72.3	75.5	79.0	82.4	86.3
-32.5°	50.6	55.3	59.4	62.8	65.5	68.0	70.6	73.4	76.3	79.3	82.7
-35°	48.8	53.4	57.5	61.1	64.1	66.5	69.0	71.4	73.8	76.4	79.2
-37.5°	47.0	51.4	55.5	59.2	62.2	65.0	67.4	69.6	71.7	73.8	76.2
-40°	45.0	49.4	53.4	57.0	60.4	63.3	65.7	67.9	69.8	71.7	73.5
-42.5°	43.0	47.2	51.1	54.8	58.3	61.3	63.9	66.0	68.0	69.6	71.3
-45°	40.9	44.9	48.8	52.5	56.0	59.2	61.8	64.1	66.0	67.7	69.1
-47.5°	38.6	42.5	46.3	50.0	53.5	56.7	59.6	61.9	63.9	65.6	67.0
-50°	36.3	40.0	43.8	47.4	50.8	54.1	57.0	59.4	61.5	63.3	64.9
-52.5°	33.8	37.4	41.0	44.6	47.9	51.1	54.0	56.5	58.7	60.8	62.4
-55°	31.3	34.7	38.2	41.6	44.8	47.9	50.7	53.2	55.6	57.6	59.5
-57.5°	28.7	31.9	35.2	38.4	41.5	44.5	47.1	49.6	51.9	54.0	56.0
-60°	26.1	29.1	32.1	35.1	38.1	40.8	43.3	45.7	47.9	50.0	52.0
-62.5°	23.4	26.2	28.9	31.6	34.4	37.0	39.3	41.6	43.8	45.7	47.5
-65°	20.7	23.2	25.8	28.2	30.6	32.9	35.2	37.3	39.3	41.1	42.8
-67.5°	18.0	20.2	22.5	24.8	26.9	28.9	31.0	32.9	34.7	36.3	37.8
-70°	15.3	17.1	19.1	21.1	23.0	24.8	26.5	28.3	30.0	31.6	32.9
-72.5°	12.7	14.3	15.8	17.3	19.0	20.6	22.0	23.4	24.8	26.2	27.6
-75°	10.3	11.4	12.7	14.0	15.3	16.5	17.7	18.9	20.1	21.2	22.2
-77.5°	8.1	9.0	9.9	10.8	11.7	12.7	13.7	14.6	15.5	16.4	17.2
-80°	6.1	6.6	7.2	7.9	8.5	9.2	9.9	10.5	11.1	11.7	12.3
-82.5°	4.2	4.6	5.0	5.3	5.7	5.9	6.2	6.7	7.2	7.7	8.1
-85°	2.4	2.6	2.9	3.2	3.4	3.6	3.8	4.0	4.3	4.5	4.8
-87.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1
-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: P558551 (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°	2.1	2.1	2.0	2.0	1.9	2.1	2.2	2.4	2.5	2.5	2.6
85°	5.0	5.2	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.5
82.5°	8.5	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.1	11.3
80°	12.8	13.4	14.0	14.4	14.8	15.3	15.8	16.3	16.7	16.9	17.1
77.5°	18.0	18.8	19.4	20.1	20.7	21.3	21.7	22.2	22.5	22.9	23.2
75°	23.2	24.2	25.1	25.9	26.7	27.3	27.9	28.5	29.0	29.4	29.8
72.5°	28.8	29.9	30.9	31.8	32.6	33.5	34.2	34.9	35.5	36.0	36.5
70°	34.1	35.3	36.5	37.6	38.6	39.6	40.4	41.1	41.8	42.3	42.8
67.5°	39.3	40.6	41.9	43.2	44.3	45.3	46.2	47.1	47.9	48.5	48.9
65°	44.3	45.9	47.3	48.6	49.7	50.8	51.8	52.8	53.5	54.1	54.5
62.5°	49.3	50.9	52.4	53.7	55.0	56.1	57.0	57.8	58.6	59.2	59.6
60°	53.8	55.5	56.8	58.1	59.3	60.3	61.2	62.1	62.9	63.7	64.2
57.5°	57.7	59.3	60.7	61.8	62.8	63.7	64.6	65.4	65.9	66.4	66.8
55°	61.1	62.5	63.8	64.9	65.8	66.6	67.2	67.7	68.2	68.5	68.7
52.5°	64.0	65.3	66.5	67.6	68.3	69.0	69.6	70.2	70.6	70.6	70.6
50°	66.3	67.7	68.8	69.8	70.8	71.9	73.0	73.5	73.8	73.6	73.4
47.5°	68.5	69.8	71.1	72.3	73.7	75.5	77.3	78.2	78.1	77.7	77.5
45°	70.6	72.0	73.5	75.4	77.4	79.7	81.8	83.2	83.2	83.2	83.5
42.5°	72.8	74.6	76.7	79.1	81.7	84.3	86.6	88.2	89.5	91.0	92.3
40°	75.5	77.6	80.6	83.6	87.0	89.8	93.3	96.3	98.8	101.1	102.8
37.5°	78.7	81.6	85.4	89.4	93.7	98.1	102.2	106.0	109.3	113.1	115.9
35°	82.4	86.6	91.3	96.3	101.7	107.2	112.5	118.6	124.0	128.8	132.8
32.5°	86.9	91.9	97.7	104.3	111.0	118.3	125.9	133.8	141.4	149.3	157.2
30°	91.3	98.0	105.3	113.4	121.3	130.8	140.7	153.6	167.1	182.5	206.2
27.5°	96.8	104.7	113.2	122.5	133.4	145.6	164.7	188.5	229.1	259.4	341.0
25°	102.1	111.1	122.1	134.2	148.8	171.0	216.7	269.6	387.4	497.7	625.1
22.5°	107.5	118.8	131.9	146.6	171.9	229.3	316.4	475.9	657.8	851.0	1047.7
20°	112.9	126.2	142.7	167.2	220.2	318.3	513.9	770.2	1028.8	1344.6	1617.8
17.5°	119.0	135.5	157.0	193.8	281.2	491.5	780.7	1136.4	1536.5	1942.6	2283.6
15°	124.1	143.4	172.2	244.2	409.2	688.2	1066.7	1548.7	2094.4	2607.7	3045.7
12.5°	129.7	152.1	190.0	285.0	527.3	894.1	1392.8	1986.1	2640.6	3344.1	4457.9
10°	134.9	160.9	219.9	369.8	663.4	1102.1	1684.9	2353.3	3147.2	4555.7	7188.7
7.5°	139.2	167.8	242.4	433.1	786.6	1298.4	1923.0	2667.4	3860.8	6227.2	10658.0
5°	142.2	172.5	258.0	480.4	884.8	1443.2	2075.3	2874.2	4589.0	8270.5	13605.6
2.5°	144.2	174.9	266.4	507.9	946.9	1539.0	2183.1	3013.4	5077.9	9452.4	15703.1
0°	145.8	175.7	268.0	531.8	967.9	1571.5	2188.4	3050.7	5245.5	9913.9	16450.5
-2.5°	144.2	174.9	266.4	507.9	946.9	1539.0	2183.1	3013.4	5077.9	9452.4	15703.1
-5°	142.2	172.5	258.0	480.4	884.8	1443.2	2075.3	2874.2	4589.0	8270.5	13605.6
-7.5°	139.2	167.8	242.4	433.1	786.6	1298.4	1923.0	2667.4	3860.8	6227.2	10658.0
-10°	134.9	160.9	219.9	369.8	663.4	1102.1	1684.9	2353.3	3147.2	4555.7	7188.7
-12.5°	129.7	152.1	190.0	285.0	527.3	894.1	1392.8	1986.1	2640.6	3344.1	4457.9
-15°	124.1	143.4	172.2	244.2	409.2	688.2	1066.7	1548.7	2094.4	2607.7	3045.7
-17.5°	119.0	135.5	157.0	193.8	281.2	491.5	780.7	1136.4	1536.5	1942.6	2283.6
-20°	112.9	126.2	142.7	167.2	220.2	318.3	513.9	770.2	1028.8	1344.6	1617.8



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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°	107.5	118.8	131.9	146.6	171.9	229.3	316.4	475.9	657.8	851.0	1047.7
-25°	102.1	111.1	122.1	134.2	148.8	171.0	216.7	269.6	387.4	497.7	625.1
-27.5°	96.8	104.7	113.2	122.5	133.4	145.6	164.7	188.5	229.1	259.4	341.0
-30°	91.3	98.0	105.3	113.4	121.3	130.8	140.7	153.6	167.1	182.5	206.2
-32.5°	86.9	91.9	97.7	104.3	111.0	118.3	125.9	133.8	141.4	149.3	157.2
-35°	82.4	86.6	91.3	96.3	101.7	107.2	112.5	118.6	124.0	128.8	132.8
-37.5°	78.7	81.6	85.4	89.4	93.7	98.1	102.2	106.0	109.3	113.1	115.9
-40°	75.5	77.6	80.6	83.6	87.0	89.8	93.3	96.3	98.8	101.1	102.8
-42.5°	72.8	74.6	76.7	79.1	81.7	84.3	86.6	88.2	89.5	91.0	92.3
-45°	70.6	72.0	73.5	75.4	77.4	79.7	81.8	83.2	83.2	83.2	83.5
-47.5°	68.5	69.8	71.1	72.3	73.7	75.5	77.3	78.2	78.1	77.7	77.5
-50°	66.3	67.7	68.8	69.8	70.8	71.9	73.0	73.5	73.8	73.6	73.4
-52.5°	64.0	65.3	66.5	67.6	68.3	69.0	69.6	70.2	70.6	70.6	70.6
-55°	61.1	62.5	63.8	64.9	65.8	66.6	67.2	67.7	68.2	68.5	68.7
-57.5°	57.7	59.3	60.7	61.8	62.8	63.7	64.6	65.4	65.9	66.4	66.8
-60°	53.8	55.5	56.8	58.1	59.3	60.3	61.2	62.1	62.9	63.7	64.2
-62.5°	49.3	50.9	52.4	53.7	55.0	56.1	57.0	57.8	58.6	59.2	59.6
-65°	44.3	45.9	47.3	48.6	49.7	50.8	51.8	52.8	53.5	54.1	54.5
-67.5°	39.3	40.6	41.9	43.2	44.3	45.3	46.2	47.1	47.9	48.5	48.9
-70°	34.1	35.3	36.5	37.6	38.6	39.6	40.4	41.1	41.8	42.3	42.8
-72.5°	28.8	29.9	30.9	31.8	32.6	33.5	34.2	34.9	35.5	36.0	36.5
-75°	23.2	24.2	25.1	25.9	26.7	27.3	27.9	28.5	29.0	29.4	29.8
-77.5°	18.0	18.8	19.4	20.1	20.7	21.3	21.7	22.2	22.5	22.9	23.2
-80°	12.8	13.4	14.0	14.4	14.8	15.3	15.8	16.3	16.7	16.9	17.1
-82.5°	8.5	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.1	11.3
-85°	5.0	5.2	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.5
-87.5°	2.1	2.1	2.0	2.0	1.9	2.1	2.2	2.4	2.5	2.5	2.6
-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: P558551 (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°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4
85°	6.6	6.8	6.6	6.4	6.6	6.8	6.6	6.5	6.3	6.1	6.0
82.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.1	11.0	10.7
80°	17.3	17.4	17.7	18.0	17.7	17.4	17.3	17.1	16.9	16.7	16.3
77.5°	23.5	23.8	23.9	23.9	23.9	23.8	23.5	23.2	22.9	22.5	22.2
75°	30.1	30.2	30.7	31.2	30.7	30.2	30.1	29.8	29.4	29.0	28.5
72.5°	36.8	37.0	37.3	37.6	37.3	37.0	36.8	36.5	36.0	35.5	34.9
70°	43.1	43.4	43.6	43.6	43.6	43.4	43.1	42.8	42.3	41.8	41.1
67.5°	49.2	49.4	49.4	49.2	49.4	49.4	49.2	48.9	48.5	47.9	47.1
65°	54.8	54.9	54.9	54.7	54.9	54.9	54.8	54.5	54.1	53.5	52.8
62.5°	59.9	60.1	60.2	60.3	60.2	60.1	59.9	59.6	59.2	58.6	57.8
60°	64.7	65.1	65.3	65.4	65.3	65.1	64.7	64.2	63.7	62.9	62.1
57.5°	67.1	67.3	67.5	67.5	67.5	67.3	67.1	66.8	66.4	65.9	65.4
55°	68.8	68.8	68.6	68.4	68.6	68.8	68.8	68.7	68.5	68.2	67.7
52.5°	70.4	70.2	70.1	70.1	70.1	70.2	70.4	70.6	70.6	70.6	70.2
50°	73.2	72.8	72.7	72.7	72.7	72.8	73.2	73.4	73.6	73.8	73.5
47.5°	77.8	77.9	78.1	78.2	78.1	77.9	77.8	77.5	77.7	78.1	78.2
45°	84.4	85.0	85.3	85.5	85.3	85.0	84.4	83.5	83.2	83.2	83.2
42.5°	93.6	94.3	94.6	94.5	94.6	94.3	93.6	92.3	91.0	89.5	88.2
40°	104.6	106.1	106.9	106.9	106.9	106.1	104.6	102.8	101.1	98.8	96.3
37.5°	118.4	120.3	121.2	121.0	121.2	120.3	118.4	115.9	113.1	109.3	106.0
35°	135.8	137.6	138.4	139.4	138.4	137.6	135.8	132.8	128.8	124.0	118.6
32.5°	163.4	167.3	168.8	166.7	168.8	167.3	163.4	157.2	149.3	141.4	133.8
30°	222.2	236.4	245.8	250.5	245.8	236.4	222.2	206.2	182.5	167.1	153.6
27.5°	397.2	434.3	450.1	458.7	450.1	434.3	397.2	341.0	259.4	229.1	188.5
25°	734.3	813.5	859.1	855.4	859.1	813.5	734.3	625.1	497.7	387.4	269.6
22.5°	1230.6	1355.6	1430.7	1458.2	1430.7	1355.6	1230.6	1047.7	851.0	657.8	475.9
20°	1845.8	1986.1	2059.4	2070.4	2059.4	1986.1	1845.8	1617.8	1344.6	1028.8	770.2
17.5°	2552.0	2684.9	2762.2	2761.3	2762.2	2684.9	2552.0	2283.6	1942.6	1536.5	1136.4
15°	3642.1	4156.8	4447.0	4404.6	4447.0	4156.8	3642.1	3045.7	2607.7	2094.4	1548.7
12.5°	5967.9	8023.4	9298.5	9613.4	9298.5	8023.4	5967.9	4457.9	3344.1	2640.6	1986.1
10°	10546.1	13621.3	16077.2	16786.9	16077.2	13621.3	10546.1	7188.7	4555.7	3147.2	2353.3
7.5°	15169.9	18819.6	20321.7	20496.2	20321.7	18819.6	15169.9	10658.0	6227.2	3860.8	2667.4
5°	18659.9	22373.7	22803.5	21723.8	22803.5	22373.7	18659.9	13605.6	8270.5	4589.0	2874.2
2.5°	20963.7	23769.4	24170.1	23589.0	24170.1	23769.4	20963.7	15703.1	9452.4	5077.9	3013.4
0°	21489.0	23398.3	23967.5	24029.7	23967.5	23398.3	21489.0	16450.5	9913.9	5245.5	3050.7
-2.5°	20963.7	23769.4	24170.1	23589.0	24170.1	23769.4	20963.7	15703.1	9452.4	5077.9	3013.4
-5°	18659.9	22373.7	22803.5	21723.8	22803.5	22373.7	18659.9	13605.6	8270.5	4589.0	2874.2
-7.5°	15169.9	18819.6	20321.7	20496.2	20321.7	18819.6	15169.9	10658.0	6227.2	3860.8	2667.4
-10°	10546.1	13621.3	16077.2	16786.9	16077.2	13621.3	10546.1	7188.7	4555.7	3147.2	2353.3
-12.5°	5967.9	8023.4	9298.5	9613.4	9298.5	8023.4	5967.9	4457.9	3344.1	2640.6	1986.1
-15°	3642.1	4156.8	4447.0	4404.6	4447.0	4156.8	3642.1	3045.7	2607.7	2094.4	1548.7
-17.5°	2552.0	2684.9	2762.2	2761.3	2762.2	2684.9	2552.0	2283.6	1942.6	1536.5	1136.4
-20°	1845.8	1986.1	2059.4	2070.4	2059.4	1986.1	1845.8	1617.8	1344.6	1028.8	770.2



REPORT NUMBER: P558551 (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°	1230.6	1355.6	1430.7	1458.2	1430.7	1355.6	1230.6	1047.7	851.0	657.8	475.9
-25°	734.3	813.5	859.1	855.4	859.1	813.5	734.3	625.1	497.7	387.4	269.6
-27.5°	397.2	434.3	450.1	458.7	450.1	434.3	397.2	341.0	259.4	229.1	188.5
-30°	222.2	236.4	245.8	250.5	245.8	236.4	222.2	206.2	182.5	167.1	153.6
-32.5°	163.4	167.3	168.8	166.7	168.8	167.3	163.4	157.2	149.3	141.4	133.8
-35°	135.8	137.6	138.4	139.4	138.4	137.6	135.8	132.8	128.8	124.0	118.6
-37.5°	118.4	120.3	121.2	121.0	121.2	120.3	118.4	115.9	113.1	109.3	106.0
-40°	104.6	106.1	106.9	106.9	106.9	106.1	104.6	102.8	101.1	98.8	96.3
-42.5°	93.6	94.3	94.6	94.5	94.6	94.3	93.6	92.3	91.0	89.5	88.2
-45°	84.4	85.0	85.3	85.5	85.3	85.0	84.4	83.5	83.2	83.2	83.2
-47.5°	77.8	77.9	78.1	78.2	78.1	77.9	77.8	77.5	77.7	78.1	78.2
-50°	73.2	72.8	72.7	72.7	72.7	72.8	73.2	73.4	73.6	73.8	73.5
-52.5°	70.4	70.2	70.1	70.1	70.1	70.2	70.4	70.6	70.6	70.6	70.2
-55°	68.8	68.8	68.6	68.4	68.6	68.8	68.8	68.7	68.5	68.2	67.7
-57.5°	67.1	67.3	67.5	67.5	67.5	67.3	67.1	66.8	66.4	65.9	65.4
-60°	64.7	65.1	65.3	65.4	65.3	65.1	64.7	64.2	63.7	62.9	62.1
-62.5°	59.9	60.1	60.2	60.3	60.2	60.1	59.9	59.6	59.2	58.6	57.8
-65°	54.8	54.9	54.9	54.7	54.9	54.9	54.8	54.5	54.1	53.5	52.8
-67.5°	49.2	49.4	49.4	49.2	49.4	49.4	49.2	48.9	48.5	47.9	47.1
-70°	43.1	43.4	43.6	43.6	43.6	43.4	43.1	42.8	42.3	41.8	41.1
-72.5°	36.8	37.0	37.3	37.6	37.3	37.0	36.8	36.5	36.0	35.5	34.9
-75°	30.1	30.2	30.7	31.2	30.7	30.2	30.1	29.8	29.4	29.0	28.5
-77.5°	23.5	23.8	23.9	23.9	23.9	23.8	23.5	23.2	22.9	22.5	22.2
-80°	17.3	17.4	17.7	18.0	17.7	17.4	17.3	17.1	16.9	16.7	16.3
-82.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.1	11.0	10.7
-85°	6.6	6.8	6.6	6.4	6.6	6.8	6.6	6.5	6.3	6.1	6.0
-87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4
-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: P558551 (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°
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°	2.2	2.1	1.9	2.0	2.0	2.1	2.1	2.1	2.0	1.9	1.8
85°	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.5	4.3	4.0
82.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.1	7.7	7.2	6.7
80°	15.8	15.3	14.8	14.4	14.0	13.4	12.8	12.3	11.7	11.1	10.5
77.5°	21.7	21.3	20.7	20.1	19.4	18.8	18.0	17.2	16.4	15.5	14.6
75°	27.9	27.3	26.7	25.9	25.1	24.2	23.2	22.2	21.2	20.1	18.9
72.5°	34.2	33.5	32.6	31.8	30.9	29.9	28.8	27.6	26.2	24.8	23.4
70°	40.4	39.6	38.6	37.6	36.5	35.3	34.1	32.9	31.6	30.0	28.3
67.5°	46.2	45.3	44.3	43.2	41.9	40.6	39.3	37.8	36.3	34.7	32.9
65°	51.8	50.8	49.7	48.6	47.3	45.9	44.3	42.8	41.1	39.3	37.3
62.5°	57.0	56.1	55.0	53.7	52.4	50.9	49.3	47.5	45.7	43.8	41.6
60°	61.2	60.3	59.3	58.1	56.8	55.5	53.8	52.0	50.0	47.9	45.7
57.5°	64.6	63.7	62.8	61.8	60.7	59.3	57.7	56.0	54.0	51.9	49.6
55°	67.2	66.6	65.8	64.9	63.8	62.5	61.1	59.5	57.6	55.6	53.2
52.5°	69.6	69.0	68.3	67.6	66.5	65.3	64.0	62.4	60.8	58.7	56.5
50°	73.0	71.9	70.8	69.8	68.8	67.7	66.3	64.9	63.3	61.5	59.4
47.5°	77.3	75.5	73.7	72.3	71.1	69.8	68.5	67.0	65.6	63.9	61.9
45°	81.8	79.7	77.4	75.4	73.5	72.0	70.6	69.1	67.7	66.0	64.1
42.5°	86.6	84.3	81.7	79.1	76.7	74.6	72.8	71.3	69.6	68.0	66.0
40°	93.3	89.8	87.0	83.6	80.6	77.6	75.5	73.5	71.7	69.8	67.9
37.5°	102.2	98.1	93.7	89.4	85.4	81.6	78.7	76.2	73.8	71.7	69.6
35°	112.5	107.2	101.7	96.3	91.3	86.6	82.4	79.2	76.4	73.8	71.4
32.5°	125.9	118.3	111.0	104.3	97.7	91.9	86.9	82.7	79.3	76.3	73.4
30°	140.7	130.8	121.3	113.4	105.3	98.0	91.3	86.3	82.4	79.0	75.5
27.5°	164.7	145.6	133.4	122.5	113.2	104.7	96.8	89.6	85.3	81.7	77.9
25°	216.7	171.0	148.8	134.2	122.1	111.1	102.1	93.9	87.9	83.9	79.2
22.5°	316.4	229.3	171.9	146.6	131.9	118.8	107.5	98.3	89.9	84.9	80.1
20°	513.9	318.3	220.2	167.2	142.7	126.2	112.9	102.5	93.2	86.0	80.7
17.5°	780.7	491.5	281.2	193.8	157.0	135.5	119.0	106.4	96.2	87.2	81.1
15°	1066.7	688.2	409.2	244.2	172.2	143.4	124.1	110.0	99.0	89.1	81.9
12.5°	1392.8	894.1	527.3	285.0	190.0	152.1	129.7	114.0	101.8	91.3	83.4
10°	1684.9	1102.1	663.4	369.8	219.9	160.9	134.9	117.5	104.3	93.1	84.5
7.5°	1923.0	1298.4	786.6	433.1	242.4	167.8	139.2	120.5	106.5	94.5	85.3
5°	2075.3	1443.2	884.8	480.4	258.0	172.5	142.2	122.6	108.0	95.3	85.8
2.5°	2183.1	1539.0	946.9	507.9	266.4	174.9	144.2	124.0	109.3	96.3	86.6
0°	2188.4	1571.5	967.9	531.8	268.0	175.7	145.8	124.4	109.9	97.0	87.2
-2.5°	2183.1	1539.0	946.9	507.9	266.4	174.9	144.2	124.0	109.3	96.3	86.6
-5°	2075.3	1443.2	884.8	480.4	258.0	172.5	142.2	122.6	108.0	95.3	85.8
-7.5°	1923.0	1298.4	786.6	433.1	242.4	167.8	139.2	120.5	106.5	94.5	85.3
-10°	1684.9	1102.1	663.4	369.8	219.9	160.9	134.9	117.5	104.3	93.1	84.5
-12.5°	1392.8	894.1	527.3	285.0	190.0	152.1	129.7	114.0	101.8	91.3	83.4
-15°	1066.7	688.2	409.2	244.2	172.2	143.4	124.1	110.0	99.0	89.1	81.9
-17.5°	780.7	491.5	281.2	193.8	157.0	135.5	119.0	106.4	96.2	87.2	81.1
-20°	513.9	318.3	220.2	167.2	142.7	126.2	112.9	102.5	93.2	86.0	80.7



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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°	316.4	229.3	171.9	146.6	131.9	118.8	107.5	98.3	89.9	84.9	80.1
-25°	216.7	171.0	148.8	134.2	122.1	111.1	102.1	93.9	87.9	83.9	79.2
-27.5°	164.7	145.6	133.4	122.5	113.2	104.7	96.8	89.6	85.3	81.7	77.9
-30°	140.7	130.8	121.3	113.4	105.3	98.0	91.3	86.3	82.4	79.0	75.5
-32.5°	125.9	118.3	111.0	104.3	97.7	91.9	86.9	82.7	79.3	76.3	73.4
-35°	112.5	107.2	101.7	96.3	91.3	86.6	82.4	79.2	76.4	73.8	71.4
-37.5°	102.2	98.1	93.7	89.4	85.4	81.6	78.7	76.2	73.8	71.7	69.6
-40°	93.3	89.8	87.0	83.6	80.6	77.6	75.5	73.5	71.7	69.8	67.9
-42.5°	86.6	84.3	81.7	79.1	76.7	74.6	72.8	71.3	69.6	68.0	66.0
-45°	81.8	79.7	77.4	75.4	73.5	72.0	70.6	69.1	67.7	66.0	64.1
-47.5°	77.3	75.5	73.7	72.3	71.1	69.8	68.5	67.0	65.6	63.9	61.9
-50°	73.0	71.9	70.8	69.8	68.8	67.7	66.3	64.9	63.3	61.5	59.4
-52.5°	69.6	69.0	68.3	67.6	66.5	65.3	64.0	62.4	60.8	58.7	56.5
-55°	67.2	66.6	65.8	64.9	63.8	62.5	61.1	59.5	57.6	55.6	53.2
-57.5°	64.6	63.7	62.8	61.8	60.7	59.3	57.7	56.0	54.0	51.9	49.6
-60°	61.2	60.3	59.3	58.1	56.8	55.5	53.8	52.0	50.0	47.9	45.7
-62.5°	57.0	56.1	55.0	53.7	52.4	50.9	49.3	47.5	45.7	43.8	41.6
-65°	51.8	50.8	49.7	48.6	47.3	45.9	44.3	42.8	41.1	39.3	37.3
-67.5°	46.2	45.3	44.3	43.2	41.9	40.6	39.3	37.8	36.3	34.7	32.9
-70°	40.4	39.6	38.6	37.6	36.5	35.3	34.1	32.9	31.6	30.0	28.3
-72.5°	34.2	33.5	32.6	31.8	30.9	29.9	28.8	27.6	26.2	24.8	23.4
-75°	27.9	27.3	26.7	25.9	25.1	24.2	23.2	22.2	21.2	20.1	18.9
-77.5°	21.7	21.3	20.7	20.1	19.4	18.8	18.0	17.2	16.4	15.5	14.6
-80°	15.8	15.3	14.8	14.4	14.0	13.4	12.8	12.3	11.7	11.1	10.5
-82.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.1	7.7	7.2	6.7
-85°	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.5	4.3	4.0
-87.5°	2.2	2.1	1.9	2.0	2.0	2.1	2.1	2.1	2.0	1.9	1.8
-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: P558551 (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°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
85°	3.8	3.6	3.4	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.6
82.5°	6.2	5.9	5.7	5.3	5.0	4.6	4.2	3.7	3.2	2.7	2.3
80°	9.9	9.2	8.5	7.9	7.2	6.6	6.1	5.5	4.7	4.0	3.4
77.5°	13.7	12.7	11.7	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5
75°	17.7	16.5	15.3	14.0	12.7	11.4	10.3	9.2	8.0	6.7	5.6
72.5°	22.0	20.6	19.0	17.3	15.8	14.3	12.7	11.1	9.8	8.3	6.8
70°	26.5	24.8	23.0	21.1	19.1	17.1	15.3	13.4	11.5	10.0	8.3
67.5°	31.0	28.9	26.9	24.8	22.5	20.2	18.0	15.8	13.7	11.5	9.7
65°	35.2	32.9	30.6	28.2	25.8	23.2	20.7	18.2	15.8	13.4	11.1
62.5°	39.3	37.0	34.4	31.6	28.9	26.2	23.4	20.7	18.0	15.3	12.7
60°	43.3	40.8	38.1	35.1	32.1	29.1	26.1	23.1	20.1	17.1	14.3
57.5°	47.1	44.5	41.5	38.4	35.2	31.9	28.7	25.5	22.3	19.0	15.8
55°	50.7	47.9	44.8	41.6	38.2	34.7	31.3	27.9	24.4	20.9	17.3
52.5°	54.0	51.1	47.9	44.6	41.0	37.4	33.8	30.2	26.4	22.7	18.9
50°	57.0	54.1	50.8	47.4	43.8	40.0	36.3	32.4	28.4	24.4	20.5
47.5°	59.6	56.7	53.5	50.0	46.3	42.5	38.6	34.6	30.4	26.1	22.0
45°	61.8	59.2	56.0	52.5	48.8	44.9	40.9	36.8	32.3	27.8	23.4
42.5°	63.9	61.3	58.3	54.8	51.1	47.2	43.0	38.7	34.2	29.4	24.8
40°	65.7	63.3	60.4	57.0	53.4	49.4	45.0	40.5	36.0	31.0	26.2
37.5°	67.4	65.0	62.2	59.2	55.5	51.4	47.0	42.2	37.6	32.5	27.5
35°	69.0	66.5	64.1	61.1	57.5	53.4	48.8	43.9	39.0	33.9	28.7
32.5°	70.6	68.0	65.5	62.8	59.4	55.3	50.6	45.4	40.4	35.2	29.8
30°	72.3	69.3	66.8	64.3	61.1	56.9	52.1	46.9	41.7	36.5	30.9
27.5°	73.7	70.4	68.0	65.5	62.5	58.5	53.5	48.2	42.8	37.6	31.9
25°	74.8	71.4	68.8	66.5	63.7	59.8	54.7	49.3	43.9	38.5	32.8
22.5°	75.8	72.3	69.5	67.4	64.8	60.9	55.8	50.3	44.9	39.4	33.7
20°	76.3	72.9	70.0	68.2	65.7	61.8	56.7	51.2	45.7	40.2	34.4
17.5°	76.5	73.4	70.6	68.6	66.4	62.6	57.6	52.0	46.4	40.9	35.1
15°	77.2	73.8	71.1	69.1	67.0	63.5	58.3	52.7	47.0	41.5	35.6
12.5°	77.9	74.1	71.4	69.4	67.5	64.3	58.8	53.3	47.5	42.0	36.1
10°	78.6	74.4	71.6	69.7	67.9	65.0	59.3	53.7	48.0	42.4	36.5
7.5°	79.1	74.5	71.6	69.9	68.2	65.6	59.7	54.1	48.4	42.8	36.8
5°	79.5	74.5	71.6	70.0	68.4	66.0	60.0	54.3	48.8	43.0	37.0
2.5°	79.8	74.5	71.5	70.1	68.6	66.2	60.2	54.3	49.0	43.2	37.2
0°	79.9	74.4	71.4	70.1	68.8	66.3	60.3	54.3	49.2	43.2	37.2
-2.5°	79.8	74.5	71.5	70.1	68.6	66.2	60.2	54.3	49.0	43.2	37.2
-5°	79.5	74.5	71.6	70.0	68.4	66.0	60.0	54.3	48.8	43.0	37.0
-7.5°	79.1	74.5	71.6	69.9	68.2	65.6	59.7	54.1	48.4	42.8	36.8
-10°	78.6	74.4	71.6	69.7	67.9	65.0	59.3	53.7	48.0	42.4	36.5
-12.5°	77.9	74.1	71.4	69.4	67.5	64.3	58.8	53.3	47.5	42.0	36.1
-15°	77.2	73.8	71.1	69.1	67.0	63.5	58.3	52.7	47.0	41.5	35.6
-17.5°	76.5	73.4	70.6	68.6	66.4	62.6	57.6	52.0	46.4	40.9	35.1
-20°	76.3	72.9	70.0	68.2	65.7	61.8	56.7	51.2	45.7	40.2	34.4



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 CATALOG NUMBER: GFLD-SA1C-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	75.8	72.3	69.5	67.4	64.8	60.9	55.8	50.3	44.9	39.4	33.7
-25°	74.8	71.4	68.8	66.5	63.7	59.8	54.7	49.3	43.9	38.5	32.8
-27.5°	73.7	70.4	68.0	65.5	62.5	58.5	53.5	48.2	42.8	37.6	31.9
-30°	72.3	69.3	66.8	64.3	61.1	56.9	52.1	46.9	41.7	36.5	30.9
-32.5°	70.6	68.0	65.5	62.8	59.4	55.3	50.6	45.4	40.4	35.2	29.8
-35°	69.0	66.5	64.1	61.1	57.5	53.4	48.8	43.9	39.0	33.9	28.7
-37.5°	67.4	65.0	62.2	59.2	55.5	51.4	47.0	42.2	37.6	32.5	27.5
-40°	65.7	63.3	60.4	57.0	53.4	49.4	45.0	40.5	36.0	31.0	26.2
-42.5°	63.9	61.3	58.3	54.8	51.1	47.2	43.0	38.7	34.2	29.4	24.8
-45°	61.8	59.2	56.0	52.5	48.8	44.9	40.9	36.8	32.3	27.8	23.4
-47.5°	59.6	56.7	53.5	50.0	46.3	42.5	38.6	34.6	30.4	26.1	22.0
-50°	57.0	54.1	50.8	47.4	43.8	40.0	36.3	32.4	28.4	24.4	20.5
-52.5°	54.0	51.1	47.9	44.6	41.0	37.4	33.8	30.2	26.4	22.7	18.9
-55°	50.7	47.9	44.8	41.6	38.2	34.7	31.3	27.9	24.4	20.9	17.3
-57.5°	47.1	44.5	41.5	38.4	35.2	31.9	28.7	25.5	22.3	19.0	15.8
-60°	43.3	40.8	38.1	35.1	32.1	29.1	26.1	23.1	20.1	17.1	14.3
-62.5°	39.3	37.0	34.4	31.6	28.9	26.2	23.4	20.7	18.0	15.3	12.7
-65°	35.2	32.9	30.6	28.2	25.8	23.2	20.7	18.2	15.8	13.4	11.1
-67.5°	31.0	28.9	26.9	24.8	22.5	20.2	18.0	15.8	13.7	11.5	9.7
-70°	26.5	24.8	23.0	21.1	19.1	17.1	15.3	13.4	11.5	10.0	8.3
-72.5°	22.0	20.6	19.0	17.3	15.8	14.3	12.7	11.1	9.8	8.3	6.8
-75°	17.7	16.5	15.3	14.0	12.7	11.4	10.3	9.2	8.0	6.7	5.6
-77.5°	13.7	12.7	11.7	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5
-80°	9.9	9.2	8.5	7.9	7.2	6.6	6.1	5.5	4.7	4.0	3.4
-82.5°	6.2	5.9	5.7	5.3	5.0	4.6	4.2	3.7	3.2	2.7	2.3
-85°	3.8	3.6	3.4	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.6
-87.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-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°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
82.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
80°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
77.5°	3.7	2.9	2.2	1.7	1.1	0.6	0.0
75°	4.6	3.7	2.7	2.0	1.3	0.7	0.0
72.5°	5.6	4.5	3.4	2.3	1.6	0.8	0.0
70°	6.6	5.3	4.1	2.7	1.8	0.9	0.0
67.5°	7.8	6.1	4.7	3.2	2.0	1.0	0.0
65°	9.0	7.0	5.4	3.7	2.2	1.1	0.0
62.5°	10.2	8.0	6.0	4.2	2.4	1.2	0.0
60°	11.4	9.0	6.6	4.7	2.6	1.3	0.0
57.5°	12.7	9.9	7.3	5.1	2.9	1.4	0.0
55°	14.0	10.8	8.1	5.6	3.2	1.5	0.0
52.5°	15.3	11.7	8.7	6.0	3.5	1.6	0.0
50°	16.5	12.7	9.4	6.5	3.8	1.7	0.0
47.5°	17.7	13.7	10.0	6.9	4.1	1.8	0.0
45°	18.9	14.6	10.6	7.3	4.3	1.8	0.0
42.5°	20.2	15.5	11.2	7.8	4.6	1.9	0.0
40°	21.3	16.4	11.8	8.2	4.8	2.0	0.0
37.5°	22.4	17.2	12.5	8.6	5.1	2.1	0.0
35°	23.5	18.1	13.1	8.9	5.3	2.1	0.0
32.5°	24.5	18.9	13.7	9.3	5.5	2.2	0.0
30°	25.4	19.7	14.3	9.6	5.7	2.3	0.0
27.5°	26.3	20.4	14.8	9.9	5.8	2.3	0.0
25°	27.1	21.1	15.3	10.2	6.0	2.4	0.0
22.5°	27.8	21.7	15.7	10.4	6.2	2.4	0.0
20°	28.4	22.3	16.2	10.6	6.3	2.4	0.0
17.5°	29.0	22.8	16.5	10.8	6.4	2.5	0.0
15°	29.5	23.2	16.9	11.0	6.5	2.5	0.0
12.5°	29.9	23.6	17.2	11.2	6.6	2.5	0.0
10°	30.2	23.9	17.4	11.3	6.7	2.6	0.0
7.5°	30.5	24.1	17.6	11.4	6.7	2.6	0.0
5°	30.7	24.3	17.8	11.4	6.8	2.6	0.0
2.5°	30.8	24.4	17.9	11.5	6.8	2.6	0.0
0°	30.8	24.4	18.0	11.5	6.8	2.6	0.0
-2.5°	30.8	24.4	18.0	11.5	6.8	2.6	0.0
-5°	30.7	24.3	17.8	11.4	6.8	2.6	0.0
-7.5°	30.5	24.1	17.6	11.4	6.7	2.6	0.0
-10°	30.2	23.9	17.4	11.3	6.7	2.6	0.0
-12.5°	29.9	23.6	17.2	11.2	6.6	2.5	0.0
-15°	29.5	23.2	16.9	11.0	6.5	2.5	0.0
-17.5°	29.0	22.8	16.5	10.8	6.4	2.5	0.0
-20°	28.4	22.3	16.2	10.6	6.3	2.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.8	21.7	15.7	10.4	6.2	2.4	0.0
-25°	27.1	21.1	15.3	10.2	6.0	2.4	0.0
-27.5°	26.3	20.4	14.8	9.9	5.8	2.3	0.0
-30°	25.4	19.7	14.3	9.6	5.7	2.3	0.0
-32.5°	24.5	18.9	13.7	9.3	5.5	2.2	0.0
-35°	23.5	18.1	13.1	8.9	5.3	2.1	0.0
-37.5°	22.4	17.2	12.5	8.6	5.1	2.1	0.0
-40°	21.3	16.4	11.8	8.2	4.8	2.0	0.0
-42.5°	20.2	15.5	11.2	7.8	4.6	1.9	0.0
-45°	18.9	14.6	10.6	7.3	4.3	1.8	0.0
-47.5°	17.7	13.7	10.0	6.9	4.1	1.8	0.0
-50°	16.5	12.7	9.4	6.5	3.8	1.7	0.0
-52.5°	15.3	11.7	8.7	6.0	3.5	1.6	0.0
-55°	14.0	10.8	8.1	5.6	3.2	1.5	0.0
-57.5°	12.7	9.9	7.3	5.1	2.9	1.4	0.0
-60°	11.4	9.0	6.6	4.7	2.6	1.3	0.0
-62.5°	10.2	8.0	6.0	4.2	2.4	1.2	0.0
-65°	9.0	7.0	5.4	3.7	2.2	1.1	0.0
-67.5°	7.8	6.1	4.7	3.2	2.0	1.0	0.0
-70°	6.6	5.3	4.1	2.7	1.8	0.9	0.0
-72.5°	5.6	4.5	3.4	2.3	1.6	0.8	0.0
-75°	4.6	3.7	2.7	2.0	1.3	0.7	0.0
-77.5°	3.7	2.9	2.2	1.7	1.1	0.6	0.0
-80°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-82.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)