

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: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-927-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

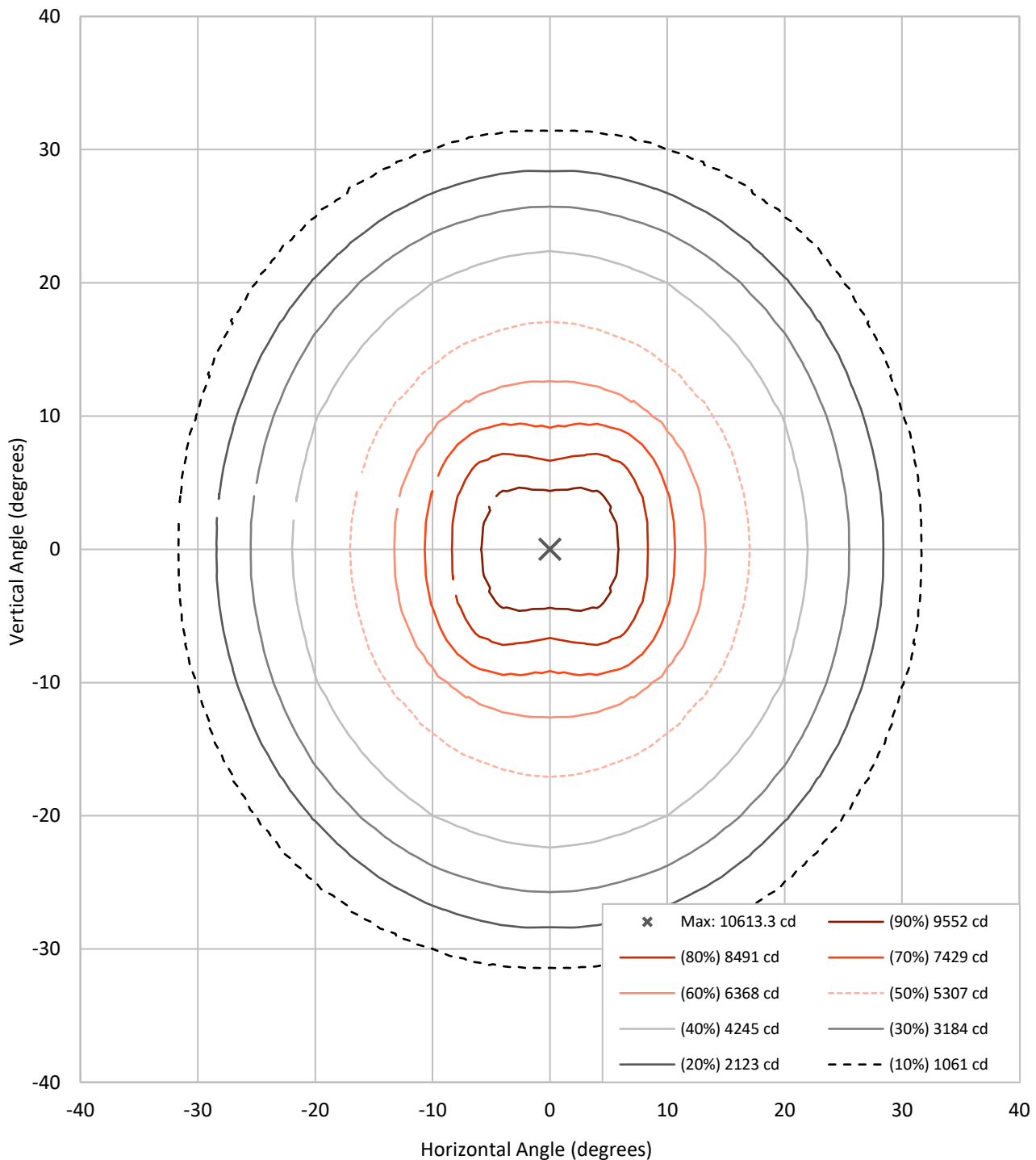
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4695.1 lumens	Max Intensity:	10613.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1999.8 lumens	Field Lumens:	4087.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 55
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





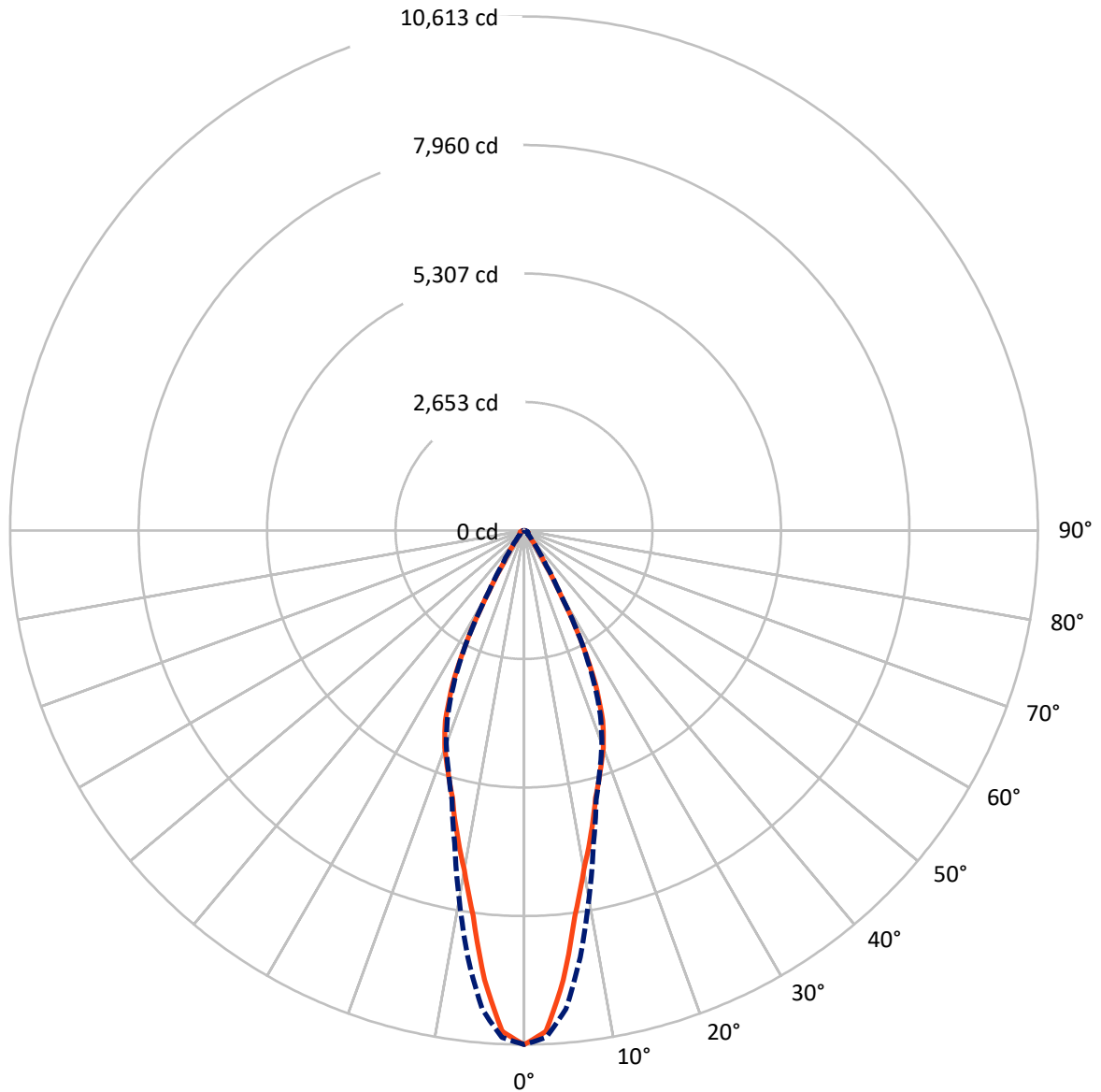
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Lumen Table

90	0.1	0.5		1.5		2.4		2.8		2.4		1.5		0.5		0.1			
80	0.1	0.5		1.5		2.4		2.8		2.4		1.5		0.5		0.1			
70	0.2	0.3	0.6	1.0	1.5	2.0	2.3	2.5	2.5	2.3	2.0	1.5	1.0	0.6	0.3	0.2			
60		0.4	1.0	1.7	2.3	2.6	2.7	2.8	2.8	2.7	2.6	2.3	1.7	1.0	0.4				
50	0.4	0.6	1.3	2.0	2.3	2.9	3.7	4.3	4.3	3.7	2.9	2.3	2.0	1.3	0.6	0.4			
40		0.8	1.6	2.0	3.0	6.0	11.4	17.4	17.4	11.4	6.0	3.0	2.0	1.6	0.8				
30	0.6	0.9	1.6	2.3	5.5	18.3	57.5	94.6	94.6	57.5	18.3	5.5	2.3	1.6	0.9	0.6			
20		1.0	1.6	2.8	10.3	54.2	128.0	169.5	169.5	128.0	54.2	10.3	2.8	1.6	1.0				
10	0.7	1.0	1.6	3.2	15.6	85.3	166.4	262.6	262.6	166.4	85.3	15.6	3.2	1.6	1.0	0.7			
0		1.0	1.6	3.2	15.6	85.3	166.4	262.6	262.6	166.4	85.3	15.6	3.2	1.6	1.0				
-10	0.6	1.0	1.6	2.8	10.3	54.2	128.0	169.5	169.5	128.0	54.2	10.3	2.8	1.6	1.0	0.6			
-20		0.9	1.6	2.3	5.5	18.3	57.5	94.6	94.6	57.5	18.3	5.5	2.3	1.6	0.9				
-30	0.4	0.8	1.6	2.0	3.0	6.0	11.4	17.4	17.4	11.4	6.0	3.0	2.0	1.6	0.8	0.4			
-40		0.6	1.3	2.0	2.3	2.9	3.7	4.3	4.3	3.7	2.9	2.3	2.0	1.3	0.6				
-50	0.2	0.4	1.0	1.7	2.3	2.6	2.7	2.8	2.8	2.7	2.6	2.3	1.7	1.0	0.4	0.2			
-60		0.3	0.6	1.0	1.5	2.0	2.3	2.5	2.5	2.3	2.0	1.5	1.0	0.6	0.3				
-70	0.1	0.5		1.5		2.4		2.8		2.4		1.5		0.5		0.1			
-80		0.5		1.5		2.4		2.8		2.4		1.5		0.5					
-90	0.1	0.5		1.5		2.4		2.8		2.4		1.5		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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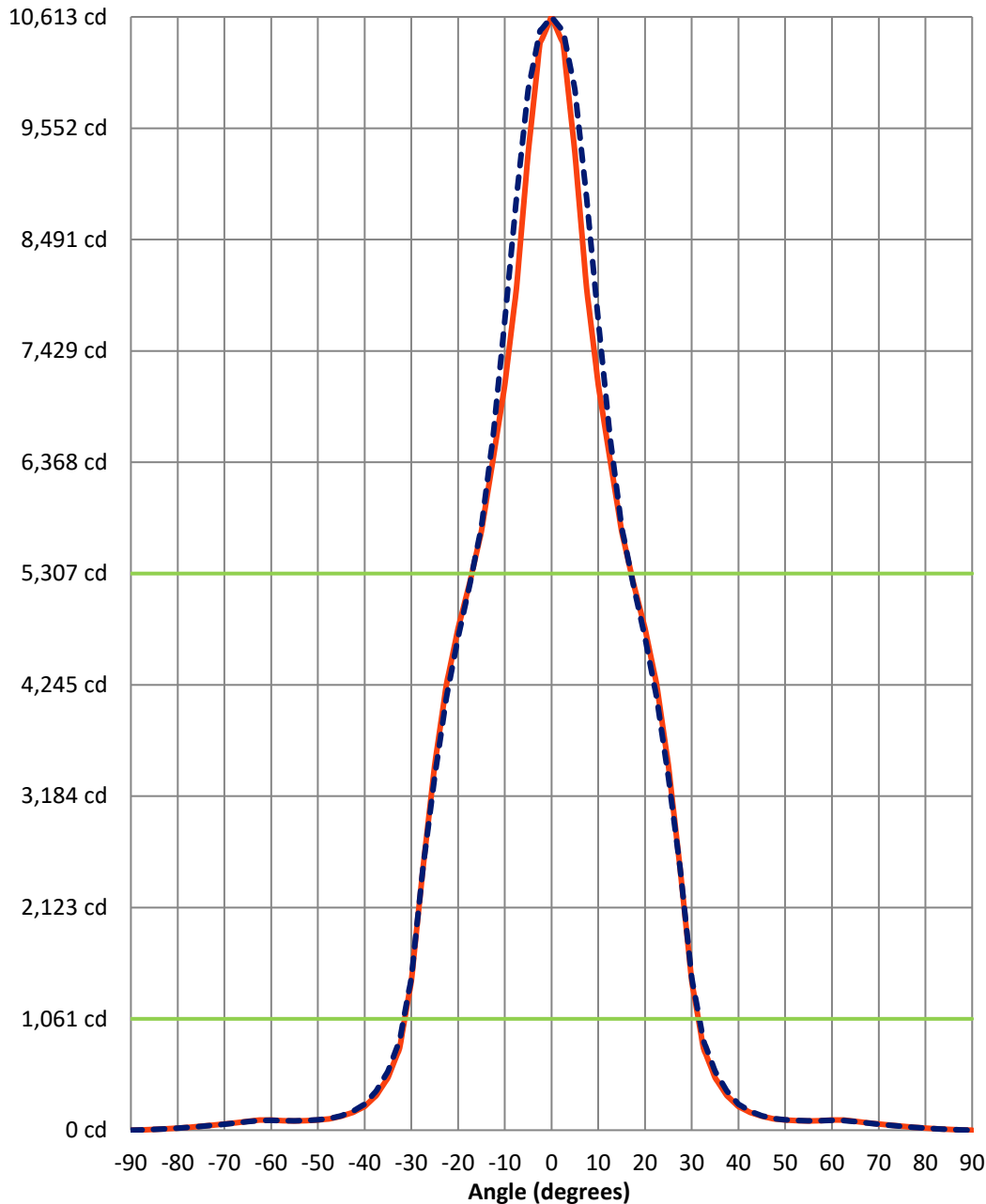
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 1999.8
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 4087.2
Efficiency: 87.1%

Spill:
Lumens: 607.9
Efficiency: 12.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	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	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.4	3.9
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	3.7	4.4	5.1	5.8
77.5°	0.0	0.6	1.2	1.7	2.3	3.1	4.1	5.1	6.0	6.9	7.8
75°	0.0	0.7	1.4	2.1	2.8	4.1	5.4	6.6	7.6	8.8	10.0
72.5°	0.0	0.8	1.6	2.4	3.6	5.1	6.6	8.0	9.3	10.7	12.2
70°	0.0	0.9	1.8	2.8	4.4	6.1	7.8	9.4	11.0	12.7	14.8
67.5°	0.0	1.0	2.1	3.4	5.2	7.0	9.0	10.8	12.7	15.1	17.5
65°	0.0	1.1	2.3	3.9	5.9	8.0	10.2	12.2	14.8	17.5	20.4
62.5°	0.0	1.2	2.5	4.5	6.6	9.1	11.4	13.9	16.9	20.0	23.7
60°	0.0	1.3	2.7	5.0	7.3	10.1	12.6	15.7	19.0	22.9	26.9
57.5°	0.0	1.5	3.0	5.5	8.2	11.1	14.1	17.5	21.4	25.7	30.2
55°	0.0	1.5	3.4	6.0	9.0	12.0	15.5	19.2	23.9	28.5	33.5
52.5°	0.0	1.6	3.7	6.4	9.7	13.0	17.0	21.3	26.3	31.4	36.6
50°	0.0	1.7	4.0	6.9	10.5	14.2	18.4	23.3	28.6	34.0	39.9
47.5°	0.0	1.8	4.3	7.4	11.3	15.3	19.8	25.2	30.9	36.6	43.2
45°	0.0	1.9	4.6	7.9	12.0	16.4	21.4	27.1	33.0	39.5	46.4
42.5°	0.0	2.0	4.9	8.4	12.7	17.5	22.8	28.9	35.1	42.2	49.6
40°	0.0	2.1	5.2	8.9	13.4	18.4	24.3	30.6	37.3	44.9	52.8
37.5°	0.0	2.1	5.5	9.4	14.2	19.4	25.6	32.3	39.5	47.5	55.8
35°	0.0	2.2	5.7	9.9	14.9	20.4	26.8	33.9	41.7	50.1	58.7
32.5°	0.0	2.3	5.9	10.3	15.6	21.4	28.0	35.4	43.7	52.4	61.5
30°	0.0	2.3	6.2	10.7	16.2	22.3	29.2	36.9	45.5	54.7	64.2
27.5°	0.0	2.4	6.4	11.0	16.7	23.1	30.3	38.4	47.3	56.8	66.6
25°	0.0	2.4	6.6	11.4	17.2	23.8	31.4	39.8	49.0	58.7	68.8
22.5°	0.0	2.5	6.8	11.6	17.6	24.5	32.3	41.0	50.5	60.5	71.0
20°	0.0	2.5	6.9	11.9	18.0	25.1	33.2	42.1	51.9	62.2	73.0
17.5°	0.0	2.6	7.1	12.1	18.4	25.6	33.9	43.1	53.1	63.6	74.8
15°	0.0	2.6	7.2	12.3	18.7	26.0	34.6	44.0	54.2	64.8	76.3
12.5°	0.0	2.6	7.4	12.4	18.9	26.4	35.2	44.7	55.0	65.9	77.6
10°	0.0	2.7	7.5	12.5	19.1	26.6	35.6	45.3	55.7	66.8	78.7
7.5°	0.0	2.7	7.5	12.6	19.3	26.8	36.0	45.8	56.2	67.7	79.9
5°	0.0	2.7	7.6	12.6	19.4	27.0	36.3	46.1	56.5	68.3	80.8
2.5°	0.0	2.7	7.7	12.6	19.4	27.0	36.4	46.3	56.7	68.7	81.5
0°	0.0	2.7	7.7	12.6	19.4	27.0	36.4	46.3	56.7	68.7	81.5
-2.5°	0.0	2.7	7.7	12.6	19.4	27.0	36.4	46.3	56.7	68.7	81.5
-5°	0.0	2.7	7.6	12.6	19.4	27.0	36.3	46.1	56.5	68.3	80.8
-7.5°	0.0	2.7	7.5	12.6	19.3	26.8	36.0	45.8	56.2	67.7	79.9
-10°	0.0	2.7	7.5	12.5	19.1	26.6	35.6	45.3	55.7	66.8	78.7
-12.5°	0.0	2.6	7.4	12.4	18.9	26.4	35.2	44.7	55.0	65.9	77.6
-15°	0.0	2.6	7.2	12.3	18.7	26.0	34.6	44.0	54.2	64.8	76.3
-17.5°	0.0	2.6	7.1	12.1	18.4	25.6	33.9	43.1	53.1	63.6	74.8
-20°	0.0	2.5	6.9	11.9	18.0	25.1	33.2	42.1	51.9	62.2	73.0



REPORT NUMBER: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	6.8	11.6	17.6	24.5	32.3	41.0	50.5	60.5	71.0
-25°	0.0	2.4	6.6	11.4	17.2	23.8	31.4	39.8	49.0	58.7	68.8
-27.5°	0.0	2.4	6.4	11.0	16.7	23.1	30.3	38.4	47.3	56.8	66.6
-30°	0.0	2.3	6.2	10.7	16.2	22.3	29.2	36.9	45.5	54.7	64.2
-32.5°	0.0	2.3	5.9	10.3	15.6	21.4	28.0	35.4	43.7	52.4	61.5
-35°	0.0	2.2	5.7	9.9	14.9	20.4	26.8	33.9	41.7	50.1	58.7
-37.5°	0.0	2.1	5.5	9.4	14.2	19.4	25.6	32.3	39.5	47.5	55.8
-40°	0.0	2.1	5.2	8.9	13.4	18.4	24.3	30.6	37.3	44.9	52.8
-42.5°	0.0	2.0	4.9	8.4	12.7	17.5	22.8	28.9	35.1	42.2	49.6
-45°	0.0	1.9	4.6	7.9	12.0	16.4	21.4	27.1	33.0	39.5	46.4
-47.5°	0.0	1.8	4.3	7.4	11.3	15.3	19.8	25.2	30.9	36.6	43.2
-50°	0.0	1.7	4.0	6.9	10.5	14.2	18.4	23.3	28.6	34.0	39.9
-52.5°	0.0	1.6	3.7	6.4	9.7	13.0	17.0	21.3	26.3	31.4	36.6
-55°	0.0	1.5	3.4	6.0	9.0	12.0	15.5	19.2	23.9	28.5	33.5
-57.5°	0.0	1.5	3.0	5.5	8.2	11.1	14.1	17.5	21.4	25.7	30.2
-60°	0.0	1.3	2.7	5.0	7.3	10.1	12.6	15.7	19.0	22.9	26.9
-62.5°	0.0	1.2	2.5	4.5	6.6	9.1	11.4	13.9	16.9	20.0	23.7
-65°	0.0	1.1	2.3	3.9	5.9	8.0	10.2	12.2	14.8	17.5	20.4
-67.5°	0.0	1.0	2.1	3.4	5.2	7.0	9.0	10.8	12.7	15.1	17.5
-70°	0.0	0.9	1.8	2.8	4.4	6.1	7.8	9.4	11.0	12.7	14.8
-72.5°	0.0	0.8	1.6	2.4	3.6	5.1	6.6	8.0	9.3	10.7	12.2
-75°	0.0	0.7	1.4	2.1	2.8	4.1	5.4	6.6	7.6	8.8	10.0
-77.5°	0.0	0.6	1.2	1.7	2.3	3.1	4.1	5.1	6.0	6.9	7.8
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	3.7	4.4	5.1	5.8
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.4	3.9
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-87.5°	0.0	0.1	0.2	0.4	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	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	3.0	3.4	3.7	3.9	4.2	4.4	4.6	4.9	5.1
82.5°	4.4	4.9	5.4	5.9	6.3	6.7	7.1	7.6	8.1	8.7	9.2
80°	6.5	7.2	8.0	8.9	9.7	10.4	11.2	12.0	12.7	13.5	14.3
77.5°	8.8	9.9	11.1	12.2	13.3	14.6	15.8	17.0	18.2	19.2	20.1
75°	11.3	12.7	14.3	16.0	17.6	19.2	20.8	22.5	24.1	25.5	26.8
72.5°	14.0	16.0	18.0	20.0	22.2	24.4	26.4	28.5	30.3	32.0	33.7
70°	17.0	19.3	21.9	24.6	27.2	29.7	32.1	34.3	36.5	38.7	41.2
67.5°	20.1	23.2	26.2	29.3	32.3	35.1	37.7	40.7	43.6	46.4	49.1
65°	23.7	27.1	30.7	34.1	37.5	40.9	44.2	47.6	51.0	54.2	57.3
62.5°	27.3	31.3	35.2	39.1	43.0	46.8	50.8	54.8	58.5	62.5	66.2
60°	31.1	35.5	39.8	44.1	48.5	53.1	57.6	62.2	66.8	71.2	75.5
57.5°	34.9	39.6	44.3	49.2	54.4	59.5	64.7	69.8	75.1	80.2	84.6
55°	38.6	43.7	49.0	54.6	60.3	66.1	71.9	77.9	83.6	87.9	91.9
52.5°	42.3	47.8	53.8	60.0	66.3	72.8	79.6	85.4	90.1	93.8	94.6
50°	45.9	52.2	58.6	65.4	72.3	79.7	86.2	91.5	94.1	95.1	94.6
47.5°	49.7	56.5	63.4	70.7	78.4	85.5	91.7	94.3	95.6	94.2	92.5
45°	53.5	60.8	68.1	76.1	83.8	90.5	94.0	95.9	94.2	92.5	91.3
42.5°	57.2	65.0	73.0	81.1	88.4	93.1	95.3	94.2	92.8	91.5	91.9
40°	60.8	69.0	77.7	85.5	92.0	94.4	94.0	92.7	91.8	92.4	94.2
37.5°	64.3	73.2	82.1	89.6	93.1	94.1	92.5	91.6	92.3	94.4	98.4
35°	67.7	77.2	85.8	92.0	94.3	92.7	91.5	91.4	93.8	98.1	104.2
32.5°	71.0	81.1	89.2	93.1	93.4	91.6	90.8	92.8	96.6	102.3	112.4
30°	74.3	84.1	91.7	94.0	92.4	91.0	91.5	94.4	99.6	109.0	125.4
27.5°	77.2	86.8	92.5	93.6	91.5	90.3	92.5	97.0	104.5	117.1	140.6
25°	80.0	89.2	93.2	92.7	90.9	90.7	93.7	99.3	109.6	130.1	162.2
22.5°	82.2	91.4	93.8	91.9	90.3	91.5	95.7	103.4	117.2	142.3	184.7
20°	84.0	92.0	93.7	91.2	89.7	92.1	97.4	107.4	127.4	161.4	210.1
17.5°	85.7	92.5	93.1	90.7	90.0	93.0	99.2	111.0	136.5	177.8	234.5
15°	87.1	92.9	92.5	90.2	90.4	94.3	102.2	117.7	147.4	193.2	256.3
12.5°	88.4	93.3	91.9	89.9	90.8	95.3	104.6	123.9	158.1	210.0	291.4
10°	89.4	93.6	91.4	89.6	91.0	96.2	106.7	128.7	166.4	224.2	320.9
7.5°	90.4	93.8	90.9	89.3	91.1	96.8	108.2	132.3	172.2	235.7	343.0
5°	91.1	94.0	90.7	89.2	91.4	97.4	109.3	134.6	175.8	244.0	357.7
2.5°	91.6	94.1	90.6	89.1	91.9	98.3	110.3	136.5	179.0	248.1	368.2
0°	91.8	94.1	90.5	89.1	92.3	99.0	110.7	137.3	180.5	248.1	374.6
-2.5°	91.6	94.1	90.6	89.1	91.9	98.3	110.3	136.5	179.0	248.1	368.2
-5°	91.1	94.0	90.7	89.2	91.4	97.4	109.3	134.6	175.8	244.0	357.7
-7.5°	90.4	93.8	90.9	89.3	91.1	96.8	108.2	132.3	172.2	235.7	343.0
-10°	89.4	93.6	91.4	89.6	91.0	96.2	106.7	128.7	166.4	224.2	320.9
-12.5°	88.4	93.3	91.9	89.9	90.8	95.3	104.6	123.9	158.1	210.0	291.4
-15°	87.1	92.9	92.5	90.2	90.4	94.3	102.2	117.7	147.4	193.2	256.3
-17.5°	85.7	92.5	93.1	90.7	90.0	93.0	99.2	111.0	136.5	177.8	234.5
-20°	84.0	92.0	93.7	91.2	89.7	92.1	97.4	107.4	127.4	161.4	210.1



REPORT NUMBER: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	82.2	91.4	93.8	91.9	90.3	91.5	95.7	103.4	117.2	142.3	184.7
-25°	80.0	89.2	93.2	92.7	90.9	90.7	93.7	99.3	109.6	130.1	162.2
-27.5°	77.2	86.8	92.5	93.6	91.5	90.3	92.5	97.0	104.5	117.1	140.6
-30°	74.3	84.1	91.7	94.0	92.4	91.0	91.5	94.4	99.6	109.0	125.4
-32.5°	71.0	81.1	89.2	93.1	93.4	91.6	90.8	92.8	96.6	102.3	112.4
-35°	67.7	77.2	85.8	92.0	94.3	92.7	91.5	91.4	93.8	98.1	104.2
-37.5°	64.3	73.2	82.1	89.6	93.1	94.1	92.5	91.6	92.3	94.4	98.4
-40°	60.8	69.0	77.7	85.5	92.0	94.4	94.0	92.7	91.8	92.4	94.2
-42.5°	57.2	65.0	73.0	81.1	88.4	93.1	95.3	94.2	92.8	91.5	91.9
-45°	53.5	60.8	68.1	76.1	83.8	90.5	94.0	95.9	94.2	92.5	91.3
-47.5°	49.7	56.5	63.4	70.7	78.4	85.5	91.7	94.3	95.6	94.2	92.5
-50°	45.9	52.2	58.6	65.4	72.3	79.7	86.2	91.5	94.1	95.1	94.6
-52.5°	42.3	47.8	53.8	60.0	66.3	72.8	79.6	85.4	90.1	93.8	94.6
-55°	38.6	43.7	49.0	54.6	60.3	66.1	71.9	77.9	83.6	87.9	91.9
-57.5°	34.9	39.6	44.3	49.2	54.4	59.5	64.7	69.8	75.1	80.2	84.6
-60°	31.1	35.5	39.8	44.1	48.5	53.1	57.6	62.2	66.8	71.2	75.5
-62.5°	27.3	31.3	35.2	39.1	43.0	46.8	50.8	54.8	58.5	62.5	66.2
-65°	23.7	27.1	30.7	34.1	37.5	40.9	44.2	47.6	51.0	54.2	57.3
-67.5°	20.1	23.2	26.2	29.3	32.3	35.1	37.7	40.7	43.6	46.4	49.1
-70°	17.0	19.3	21.9	24.6	27.2	29.7	32.1	34.3	36.5	38.7	41.2
-72.5°	14.0	16.0	18.0	20.0	22.2	24.4	26.4	28.5	30.3	32.0	33.7
-75°	11.3	12.7	14.3	16.0	17.6	19.2	20.8	22.5	24.1	25.5	26.8
-77.5°	8.8	9.9	11.1	12.2	13.3	14.6	15.8	17.0	18.2	19.2	20.1
-80°	6.5	7.2	8.0	8.9	9.7	10.4	11.2	12.0	12.7	13.5	14.3
-82.5°	4.4	4.9	5.4	5.9	6.3	6.7	7.1	7.6	8.1	8.7	9.2
-85°	2.5	2.7	3.0	3.4	3.7	3.9	4.2	4.4	4.6	4.9	5.1
-87.5°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	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: P558556 (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°	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.5
85°	5.3	5.5	5.8	6.0	6.3	6.5	6.6	6.7	6.9	7.0	7.1
82.5°	9.7	10.2	10.6	11.1	11.4	11.7	12.0	12.3	12.5	12.7	12.8
80°	15.1	15.7	16.3	16.8	17.3	17.7	18.0	18.3	18.5	19.0	19.4
77.5°	21.0	22.0	22.8	23.6	24.3	25.0	25.7	26.3	26.8	27.2	27.5
75°	28.0	29.1	30.3	31.4	32.4	33.5	34.5	35.4	36.2	36.8	37.1
72.5°	35.5	37.1	38.5	39.9	41.1	42.4	43.6	44.7	45.7	46.5	47.1
70°	43.5	45.5	47.2	48.8	50.3	51.9	53.4	54.8	55.9	56.9	57.6
67.5°	51.7	54.1	56.2	58.3	60.4	62.3	64.2	65.9	67.5	68.7	69.5
65°	60.2	63.3	66.1	68.6	70.9	73.1	75.4	77.5	79.4	81.0	82.2
62.5°	69.8	73.2	76.4	79.2	81.8	83.8	86.0	88.0	89.8	91.5	93.2
60°	79.6	83.4	86.2	88.6	90.8	92.8	93.5	94.3	94.9	95.4	96.1
57.5°	88.1	91.4	93.8	94.3	94.8	95.2	95.0	94.2	93.4	92.6	92.0
55°	94.1	95.0	96.1	95.2	93.9	92.7	91.6	90.9	90.2	89.5	89.0
52.5°	95.6	94.7	93.6	92.4	91.5	90.6	89.7	89.8	90.1	90.3	90.5
50°	93.3	92.3	91.7	91.0	91.1	91.6	92.0	92.9	94.0	94.7	95.4
47.5°	91.6	90.9	91.7	92.9	93.9	95.9	97.6	99.3	101.9	103.9	105.6
45°	91.1	92.8	94.5	97.3	99.8	104.0	108.0	111.4	117.6	123.3	127.8
42.5°	93.6	96.6	99.8	105.2	111.0	118.6	128.3	136.4	146.0	155.0	161.4
40°	97.9	102.2	109.4	118.1	131.9	144.1	160.1	173.8	186.7	200.3	210.5
37.5°	104.0	112.0	125.6	141.3	162.1	182.1	204.2	225.6	243.8	271.5	293.1
35°	113.0	129.4	148.6	174.8	202.0	232.6	264.9	306.5	343.1	386.0	426.4
32.5°	129.6	151.7	181.7	217.3	253.4	306.2	356.1	423.7	484.4	560.1	641.6
30°	148.9	181.9	222.2	268.6	334.1	406.8	488.7	592.4	715.5	862.1	1058.9
27.5°	175.6	217.9	268.6	343.9	436.7	534.1	679.4	853.7	1171.2	1447.9	1814.5
25°	204.3	256.0	336.2	437.3	559.4	734.8	1019.0	1381.6	1895.0	2386.0	2778.5
22.5°	237.4	313.0	414.2	540.0	737.6	1077.3	1518.5	2156.9	2729.5	3224.7	3606.1
20°	274.1	368.8	504.9	697.1	1033.6	1531.1	2239.4	2894.6	3479.4	3905.7	4242.7
17.5°	321.6	445.3	617.9	883.2	1399.7	2166.3	2896.5	3544.1	4052.9	4427.5	4726.2
15°	365.9	515.7	739.5	1192.1	1897.0	2716.3	3464.8	4042.5	4482.8	4831.3	5099.9
12.5°	418.2	594.8	881.5	1458.9	2354.3	3170.2	3868.3	4407.7	4831.8	5158.5	5518.4
10°	464.7	679.9	1085.0	1814.5	2729.8	3526.8	4204.7	4689.6	5114.7	5540.5	6080.2
7.5°	503.2	751.3	1251.9	2114.5	3018.1	3790.6	4408.2	4892.6	5361.2	5929.8	6708.3
5°	533.7	805.1	1389.2	2341.0	3227.7	3978.8	4563.6	5054.6	5583.9	6344.6	7389.3
2.5°	554.1	840.4	1475.0	2477.8	3359.9	4086.8	4678.8	5160.5	5715.5	6576.8	7668.3
0°	562.3	856.7	1453.2	2502.6	3367.9	4122.0	4696.0	5200.2	5753.0	6615.6	7719.5
-2.5°	554.1	840.4	1475.0	2477.8	3359.9	4086.8	4678.8	5160.5	5715.5	6576.8	7668.3
-5°	533.7	805.1	1389.2	2341.0	3227.7	3978.8	4563.6	5054.6	5583.9	6344.6	7389.3
-7.5°	503.2	751.3	1251.9	2114.5	3018.1	3790.6	4408.2	4892.6	5361.2	5929.8	6708.3
-10°	464.7	679.9	1085.0	1814.5	2729.8	3526.8	4204.7	4689.6	5114.7	5540.5	6080.2
-12.5°	418.2	594.8	881.5	1458.9	2354.3	3170.2	3868.3	4407.7	4831.8	5158.5	5518.4
-15°	365.9	515.7	739.5	1192.1	1897.0	2716.3	3464.8	4042.5	4482.8	4831.3	5099.9
-17.5°	321.6	445.3	617.9	883.2	1399.7	2166.3	2896.5	3544.1	4052.9	4427.5	4726.2
-20°	274.1	368.8	504.9	697.1	1033.6	1531.1	2239.4	2894.6	3479.4	3905.7	4242.7



REPORT NUMBER: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	237.4	313.0	414.2	540.0	737.6	1077.3	1518.5	2156.9	2729.5	3224.7	3606.1
-25°	204.3	256.0	336.2	437.3	559.4	734.8	1019.0	1381.6	1895.0	2386.0	2778.5
-27.5°	175.6	217.9	268.6	343.9	436.7	534.1	679.4	853.7	1171.2	1447.9	1814.5
-30°	148.9	181.9	222.2	268.6	334.1	406.8	488.7	592.4	715.5	862.1	1058.9
-32.5°	129.6	151.7	181.7	217.3	253.4	306.2	356.1	423.7	484.4	560.1	641.6
-35°	113.0	129.4	148.6	174.8	202.0	232.6	264.9	306.5	343.1	386.0	426.4
-37.5°	104.0	112.0	125.6	141.3	162.1	182.1	204.2	225.6	243.8	271.5	293.1
-40°	97.9	102.2	109.4	118.1	131.9	144.1	160.1	173.8	186.7	200.3	210.5
-42.5°	93.6	96.6	99.8	105.2	111.0	118.6	128.3	136.4	146.0	155.0	161.4
-45°	91.1	92.8	94.5	97.3	99.8	104.0	108.0	111.4	117.6	123.3	127.8
-47.5°	91.6	90.9	91.7	92.9	93.9	95.9	97.6	99.3	101.9	103.9	105.6
-50°	93.3	92.3	91.7	91.0	91.1	91.6	92.0	92.9	94.0	94.7	95.4
-52.5°	95.6	94.7	93.6	92.4	91.5	90.6	89.7	89.8	90.1	90.3	90.5
-55°	94.1	95.0	96.1	95.2	93.9	92.7	91.6	90.9	90.2	89.5	89.0
-57.5°	88.1	91.4	93.8	94.3	94.8	95.2	95.0	94.2	93.4	92.6	92.0
-60°	79.6	83.4	86.2	88.6	90.8	92.8	93.5	94.3	94.9	95.4	96.1
-62.5°	69.8	73.2	76.4	79.2	81.8	83.8	86.0	88.0	89.8	91.5	93.2
-65°	60.2	63.3	66.1	68.6	70.9	73.1	75.4	77.5	79.4	81.0	82.2
-67.5°	51.7	54.1	56.2	58.3	60.4	62.3	64.2	65.9	67.5	68.7	69.5
-70°	43.5	45.5	47.2	48.8	50.3	51.9	53.4	54.8	55.9	56.9	57.6
-72.5°	35.5	37.1	38.5	39.9	41.1	42.4	43.6	44.7	45.7	46.5	47.1
-75°	28.0	29.1	30.3	31.4	32.4	33.5	34.5	35.4	36.2	36.8	37.1
-77.5°	21.0	22.0	22.8	23.6	24.3	25.0	25.7	26.3	26.8	27.2	27.5
-80°	15.1	15.7	16.3	16.8	17.3	17.7	18.0	18.3	18.5	19.0	19.4
-82.5°	9.7	10.2	10.6	11.1	11.4	11.7	12.0	12.3	12.5	12.7	12.8
-85°	5.3	5.5	5.8	6.0	6.3	6.5	6.6	6.7	6.9	7.0	7.1
-87.5°	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-927-U-MR-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°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.3	2.2	2.2
85°	7.1	7.2	7.4	7.7	7.4	7.2	7.1	7.1	7.0	6.9	6.7
82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5	12.3
80°	19.8	20.2	20.0	19.8	20.0	20.2	19.8	19.4	19.0	18.5	18.3
77.5°	27.7	27.8	27.7	27.5	27.7	27.8	27.7	27.5	27.2	26.8	26.3
75°	37.4	37.6	37.7	37.8	37.7	37.6	37.4	37.1	36.8	36.2	35.4
72.5°	47.6	47.9	47.9	47.7	47.9	47.9	47.6	47.1	46.5	45.7	44.7
70°	58.2	58.7	58.9	59.0	58.9	58.7	58.2	57.6	56.9	55.9	54.8
67.5°	70.0	70.3	70.6	70.7	70.6	70.3	70.0	69.5	68.7	67.5	65.9
65°	83.2	84.0	84.3	84.2	84.3	84.0	83.2	82.2	81.0	79.4	77.5
62.5°	94.7	96.1	96.7	96.8	96.7	96.1	94.7	93.2	91.5	89.8	88.0
60°	96.6	97.1	97.2	97.2	97.2	97.1	96.6	96.1	95.4	94.9	94.3
57.5°	91.4	90.9	90.6	90.5	90.6	90.9	91.4	92.0	92.6	93.4	94.2
55°	88.5	88.1	87.8	87.8	87.8	88.1	88.5	89.0	89.5	90.2	90.9
52.5°	90.5	90.4	90.6	90.9	90.6	90.4	90.5	90.5	90.3	90.1	89.8
50°	96.0	96.4	96.8	97.2	96.8	96.4	96.0	95.4	94.7	94.0	92.9
47.5°	106.8	107.4	107.8	108.0	107.8	107.4	106.8	105.6	103.9	101.9	99.3
45°	130.7	132.3	133.0	133.3	133.0	132.3	130.7	127.8	123.3	117.6	111.4
42.5°	165.7	168.1	169.1	169.3	169.1	168.1	165.7	161.4	155.0	146.0	136.4
40°	217.9	222.1	224.1	225.5	224.1	222.1	217.9	210.5	200.3	186.7	173.8
37.5°	309.3	319.8	325.8	330.9	325.8	319.8	309.3	293.1	271.5	243.8	225.6
35°	459.3	483.4	497.5	500.6	497.5	483.4	459.3	426.4	386.0	343.1	306.5
32.5°	704.4	751.6	779.8	783.3	779.8	751.6	704.4	641.6	560.1	484.4	423.7
30°	1211.7	1344.0	1434.7	1422.2	1434.7	1344.0	1211.7	1058.9	862.1	715.5	592.4
27.5°	2114.9	2354.8	2510.6	2497.7	2510.6	2354.8	2114.9	1814.5	1447.9	1171.2	853.7
25°	3080.3	3301.1	3431.4	3479.5	3431.4	3301.1	3080.3	2778.5	2386.0	1895.0	1381.6
22.5°	3868.6	4066.0	4178.8	4246.2	4178.8	4066.0	3868.6	3606.1	3224.7	2729.5	2156.9
20°	4472.6	4643.8	4740.8	4782.4	4740.8	4643.8	4472.6	4242.7	3905.7	3479.4	2894.6
17.5°	4937.2	5080.6	5190.4	5218.6	5190.4	5080.6	4937.2	4726.2	4427.5	4052.9	3544.1
15°	5348.3	5533.4	5662.9	5711.2	5662.9	5533.4	5348.3	5099.9	4831.3	4482.8	4042.5
12.5°	5866.6	6188.5	6359.6	6399.0	6359.6	6188.5	5866.6	5518.4	5158.5	4831.8	4407.7
10°	6632.6	7127.4	7183.5	7106.8	7183.5	7127.4	6632.6	6080.2	5540.5	5114.7	4689.6
7.5°	7748.4	8408.1	8265.5	8027.9	8265.5	8408.1	7748.4	6708.3	5929.8	5361.2	4892.6
5°	8546.7	9462.7	9491.2	9316.8	9491.2	9462.7	8546.7	7389.3	6344.6	5583.9	5054.6
2.5°	8864.6	9807.6	10276.8	10353.8	10276.8	9807.6	8864.6	7668.3	6576.8	5715.5	5160.5
0°	8888.4	9918.7	10475.1	10613.3	10475.1	9918.7	8888.4	7719.5	6615.6	5753.0	5200.2
-2.5°	8864.6	9807.6	10276.8	10353.8	10276.8	9807.6	8864.6	7668.3	6576.8	5715.5	5160.5
-5°	8546.7	9462.7	9491.2	9316.8	9491.2	9462.7	8546.7	7389.3	6344.6	5583.9	5054.6
-7.5°	7748.4	8408.1	8265.5	8027.9	8265.5	8408.1	7748.4	6708.3	5929.8	5361.2	4892.6
-10°	6632.6	7127.4	7183.5	7106.8	7183.5	7127.4	6632.6	6080.2	5540.5	5114.7	4689.6
-12.5°	5866.6	6188.5	6359.6	6399.0	6359.6	6188.5	5866.6	5518.4	5158.5	4831.8	4407.7
-15°	5348.3	5533.4	5662.9	5711.2	5662.9	5533.4	5348.3	5099.9	4831.3	4482.8	4042.5
-17.5°	4937.2	5080.6	5190.4	5218.6	5190.4	5080.6	4937.2	4726.2	4427.5	4052.9	3544.1
-20°	4472.6	4643.8	4740.8	4782.4	4740.8	4643.8	4472.6	4242.7	3905.7	3479.4	2894.6



REPORT NUMBER: P558556 (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°	3868.6	4066.0	4178.8	4246.2	4178.8	4066.0	3868.6	3606.1	3224.7	2729.5	2156.9
-25°	3080.3	3301.1	3431.4	3479.5	3431.4	3301.1	3080.3	2778.5	2386.0	1895.0	1381.6
-27.5°	2114.9	2354.8	2510.6	2497.7	2510.6	2354.8	2114.9	1814.5	1447.9	1171.2	853.7
-30°	1211.7	1344.0	1434.7	1422.2	1434.7	1344.0	1211.7	1058.9	862.1	715.5	592.4
-32.5°	704.4	751.6	779.8	783.3	779.8	751.6	704.4	641.6	560.1	484.4	423.7
-35°	459.3	483.4	497.5	500.6	497.5	483.4	459.3	426.4	386.0	343.1	306.5
-37.5°	309.3	319.8	325.8	330.9	325.8	319.8	309.3	293.1	271.5	243.8	225.6
-40°	217.9	222.1	224.1	225.5	224.1	222.1	217.9	210.5	200.3	186.7	173.8
-42.5°	165.7	168.1	169.1	169.3	169.1	168.1	165.7	161.4	155.0	146.0	136.4
-45°	130.7	132.3	133.0	133.3	133.0	132.3	130.7	127.8	123.3	117.6	111.4
-47.5°	106.8	107.4	107.8	108.0	107.8	107.4	106.8	105.6	103.9	101.9	99.3
-50°	96.0	96.4	96.8	97.2	96.8	96.4	96.0	95.4	94.7	94.0	92.9
-52.5°	90.5	90.4	90.6	90.9	90.6	90.4	90.5	90.5	90.3	90.1	89.8
-55°	88.5	88.1	87.8	87.8	87.8	88.1	88.5	89.0	89.5	90.2	90.9
-57.5°	91.4	90.9	90.6	90.5	90.6	90.9	91.4	92.0	92.6	93.4	94.2
-60°	96.6	97.1	97.2	97.2	97.2	97.1	96.6	96.1	95.4	94.9	94.3
-62.5°	94.7	96.1	96.7	96.8	96.7	96.1	94.7	93.2	91.5	89.8	88.0
-65°	83.2	84.0	84.3	84.2	84.3	84.0	83.2	82.2	81.0	79.4	77.5
-67.5°	70.0	70.3	70.6	70.7	70.6	70.3	70.0	69.5	68.7	67.5	65.9
-70°	58.2	58.7	58.9	59.0	58.9	58.7	58.2	57.6	56.9	55.9	54.8
-72.5°	47.6	47.9	47.9	47.7	47.9	47.9	47.6	47.1	46.5	45.7	44.7
-75°	37.4	37.6	37.7	37.8	37.7	37.6	37.4	37.1	36.8	36.2	35.4
-77.5°	27.7	27.8	27.7	27.5	27.7	27.8	27.7	27.5	27.2	26.8	26.3
-80°	19.8	20.2	20.0	19.8	20.0	20.2	19.8	19.4	19.0	18.5	18.3
-82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5	12.3
-85°	7.1	7.2	7.4	7.7	7.4	7.2	7.1	7.1	7.0	6.9	6.7
-87.5°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.3	2.2	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558556 (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	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.0	1.9
85°	6.6	6.5	6.3	6.0	5.8	5.5	5.3	5.1	4.9	4.6	4.4
82.5°	12.0	11.7	11.4	11.1	10.6	10.2	9.7	9.2	8.7	8.1	7.6
80°	18.0	17.7	17.3	16.8	16.3	15.7	15.1	14.3	13.5	12.7	12.0
77.5°	25.7	25.0	24.3	23.6	22.8	22.0	21.0	20.1	19.2	18.2	17.0
75°	34.5	33.5	32.4	31.4	30.3	29.1	28.0	26.8	25.5	24.1	22.5
72.5°	43.6	42.4	41.1	39.9	38.5	37.1	35.5	33.7	32.0	30.3	28.5
70°	53.4	51.9	50.3	48.8	47.2	45.5	43.5	41.2	38.7	36.5	34.3
67.5°	64.2	62.3	60.4	58.3	56.2	54.1	51.7	49.1	46.4	43.6	40.7
65°	75.4	73.1	70.9	68.6	66.1	63.3	60.2	57.3	54.2	51.0	47.6
62.5°	86.0	83.8	81.8	79.2	76.4	73.2	69.8	66.2	62.5	58.5	54.8
60°	93.5	92.8	90.8	88.6	86.2	83.4	79.6	75.5	71.2	66.8	62.2
57.5°	95.0	95.2	94.8	94.3	93.8	91.4	88.1	84.6	80.2	75.1	69.8
55°	91.6	92.7	93.9	95.2	96.1	95.0	94.1	91.9	87.9	83.6	77.9
52.5°	89.7	90.6	91.5	92.4	93.6	94.7	95.6	94.6	93.8	90.1	85.4
50°	92.0	91.6	91.1	91.0	91.7	92.3	93.3	94.6	95.1	94.1	91.5
47.5°	97.6	95.9	93.9	92.9	91.7	90.9	91.6	92.5	94.2	95.6	94.3
45°	108.0	104.0	99.8	97.3	94.5	92.8	91.1	91.3	92.5	94.2	95.9
42.5°	128.3	118.6	111.0	105.2	99.8	96.6	93.6	91.9	91.5	92.8	94.2
40°	160.1	144.1	131.9	118.1	109.4	102.2	97.9	94.2	92.4	91.8	92.7
37.5°	204.2	182.1	162.1	141.3	125.6	112.0	104.0	98.4	94.4	92.3	91.6
35°	264.9	232.6	202.0	174.8	148.6	129.4	113.0	104.2	98.1	93.8	91.4
32.5°	356.1	306.2	253.4	217.3	181.7	151.7	129.6	112.4	102.3	96.6	92.8
30°	488.7	406.8	334.1	268.6	222.2	181.9	148.9	125.4	109.0	99.6	94.4
27.5°	679.4	534.1	436.7	343.9	268.6	217.9	175.6	140.6	117.1	104.5	97.0
25°	1019.0	734.8	559.4	437.3	336.2	256.0	204.3	162.2	130.1	109.6	99.3
22.5°	1518.5	1077.3	737.6	540.0	414.2	313.0	237.4	184.7	142.3	117.2	103.4
20°	2239.4	1531.1	1033.6	697.1	504.9	368.8	274.1	210.1	161.4	127.4	107.4
17.5°	2896.5	2166.3	1399.7	883.2	617.9	445.3	321.6	234.5	177.8	136.5	111.0
15°	3464.8	2716.3	1897.0	1192.1	739.5	515.7	365.9	256.3	193.2	147.4	117.7
12.5°	3868.3	3170.2	2354.3	1458.9	881.5	594.8	418.2	291.4	210.0	158.1	123.9
10°	4204.7	3526.8	2729.8	1814.5	1085.0	679.9	464.7	320.9	224.2	166.4	128.7
7.5°	4408.2	3790.6	3018.1	2114.5	1251.9	751.3	503.2	343.0	235.7	172.2	132.3
5°	4563.6	3978.8	3227.7	2341.0	1389.2	805.1	533.7	357.7	244.0	175.8	134.6
2.5°	4678.8	4086.8	3359.9	2477.8	1475.0	840.4	554.1	368.2	248.1	179.0	136.5
0°	4696.0	4122.0	3367.9	2502.6	1453.2	856.7	562.3	374.6	248.1	180.5	137.3
-2.5°	4678.8	4086.8	3359.9	2477.8	1475.0	840.4	554.1	368.2	248.1	179.0	136.5
-5°	4563.6	3978.8	3227.7	2341.0	1389.2	805.1	533.7	357.7	244.0	175.8	134.6
-7.5°	4408.2	3790.6	3018.1	2114.5	1251.9	751.3	503.2	343.0	235.7	172.2	132.3
-10°	4204.7	3526.8	2729.8	1814.5	1085.0	679.9	464.7	320.9	224.2	166.4	128.7
-12.5°	3868.3	3170.2	2354.3	1458.9	881.5	594.8	418.2	291.4	210.0	158.1	123.9
-15°	3464.8	2716.3	1897.0	1192.1	739.5	515.7	365.9	256.3	193.2	147.4	117.7
-17.5°	2896.5	2166.3	1399.7	883.2	617.9	445.3	321.6	234.5	177.8	136.5	111.0
-20°	2239.4	1531.1	1033.6	697.1	504.9	368.8	274.1	210.1	161.4	127.4	107.4



REPORT NUMBER: P558556 (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°	1518.5	1077.3	737.6	540.0	414.2	313.0	237.4	184.7	142.3	117.2	103.4
-25°	1019.0	734.8	559.4	437.3	336.2	256.0	204.3	162.2	130.1	109.6	99.3
-27.5°	679.4	534.1	436.7	343.9	268.6	217.9	175.6	140.6	117.1	104.5	97.0
-30°	488.7	406.8	334.1	268.6	222.2	181.9	148.9	125.4	109.0	99.6	94.4
-32.5°	356.1	306.2	253.4	217.3	181.7	151.7	129.6	112.4	102.3	96.6	92.8
-35°	264.9	232.6	202.0	174.8	148.6	129.4	113.0	104.2	98.1	93.8	91.4
-37.5°	204.2	182.1	162.1	141.3	125.6	112.0	104.0	98.4	94.4	92.3	91.6
-40°	160.1	144.1	131.9	118.1	109.4	102.2	97.9	94.2	92.4	91.8	92.7
-42.5°	128.3	118.6	111.0	105.2	99.8	96.6	93.6	91.9	91.5	92.8	94.2
-45°	108.0	104.0	99.8	97.3	94.5	92.8	91.1	91.3	92.5	94.2	95.9
-47.5°	97.6	95.9	93.9	92.9	91.7	90.9	91.6	92.5	94.2	95.6	94.3
-50°	92.0	91.6	91.1	91.0	91.7	92.3	93.3	94.6	95.1	94.1	91.5
-52.5°	89.7	90.6	91.5	92.4	93.6	94.7	95.6	94.6	93.8	90.1	85.4
-55°	91.6	92.7	93.9	95.2	96.1	95.0	94.1	91.9	87.9	83.6	77.9
-57.5°	95.0	95.2	94.8	94.3	93.8	91.4	88.1	84.6	80.2	75.1	69.8
-60°	93.5	92.8	90.8	88.6	86.2	83.4	79.6	75.5	71.2	66.8	62.2
-62.5°	86.0	83.8	81.8	79.2	76.4	73.2	69.8	66.2	62.5	58.5	54.8
-65°	75.4	73.1	70.9	68.6	66.1	63.3	60.2	57.3	54.2	51.0	47.6
-67.5°	64.2	62.3	60.4	58.3	56.2	54.1	51.7	49.1	46.4	43.6	40.7
-70°	53.4	51.9	50.3	48.8	47.2	45.5	43.5	41.2	38.7	36.5	34.3
-72.5°	43.6	42.4	41.1	39.9	38.5	37.1	35.5	33.7	32.0	30.3	28.5
-75°	34.5	33.5	32.4	31.4	30.3	29.1	28.0	26.8	25.5	24.1	22.5
-77.5°	25.7	25.0	24.3	23.6	22.8	22.0	21.0	20.1	19.2	18.2	17.0
-80°	18.0	17.7	17.3	16.8	16.3	15.7	15.1	14.3	13.5	12.7	12.0
-82.5°	12.0	11.7	11.4	11.1	10.6	10.2	9.7	9.2	8.7	8.1	7.6
-85°	6.6	6.5	6.3	6.0	5.8	5.5	5.3	5.1	4.9	4.6	4.4
-87.5°	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.0	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-927-U-MR-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
85°	4.2	3.9	3.7	3.4	3.0	2.7	2.5	2.3	2.1	1.8	1.6
82.5°	7.1	6.7	6.3	5.9	5.4	4.9	4.4	3.9	3.4	2.8	2.4
80°	11.2	10.4	9.7	8.9	8.0	7.2	6.5	5.8	5.1	4.4	3.7
77.5°	15.8	14.6	13.3	12.2	11.1	9.9	8.8	7.8	6.9	6.0	5.1
75°	20.8	19.2	17.6	16.0	14.3	12.7	11.3	10.0	8.8	7.6	6.6
72.5°	26.4	24.4	22.2	20.0	18.0	16.0	14.0	12.2	10.7	9.3	8.0
70°	32.1	29.7	27.2	24.6	21.9	19.3	17.0	14.8	12.7	11.0	9.4
67.5°	37.7	35.1	32.3	29.3	26.2	23.2	20.1	17.5	15.1	12.7	10.8
65°	44.2	40.9	37.5	34.1	30.7	27.1	23.7	20.4	17.5	14.8	12.2
62.5°	50.8	46.8	43.0	39.1	35.2	31.3	27.3	23.7	20.0	16.9	13.9
60°	57.6	53.1	48.5	44.1	39.8	35.5	31.1	26.9	22.9	19.0	15.7
57.5°	64.7	59.5	54.4	49.2	44.3	39.6	34.9	30.2	25.7	21.4	17.5
55°	71.9	66.1	60.3	54.6	49.0	43.7	38.6	33.5	28.5	23.9	19.2
52.5°	79.6	72.8	66.3	60.0	53.8	47.8	42.3	36.6	31.4	26.3	21.3
50°	86.2	79.7	72.3	65.4	58.6	52.2	45.9	39.9	34.0	28.6	23.3
47.5°	91.7	85.5	78.4	70.7	63.4	56.5	49.7	43.2	36.6	30.9	25.2
45°	94.0	90.5	83.8	76.1	68.1	60.8	53.5	46.4	39.5	33.0	27.1
42.5°	95.3	93.1	88.4	81.1	73.0	65.0	57.2	49.6	42.2	35.1	28.9
40°	94.0	94.4	92.0	85.5	77.7	69.0	60.8	52.8	44.9	37.3	30.6
37.5°	92.5	94.1	93.1	89.6	82.1	73.2	64.3	55.8	47.5	39.5	32.3
35°	91.5	92.7	94.3	92.0	85.8	77.2	67.7	58.7	50.1	41.7	33.9
32.5°	90.8	91.6	93.4	93.1	89.2	81.1	71.0	61.5	52.4	43.7	35.4
30°	91.5	91.0	92.4	94.0	91.7	84.1	74.3	64.2	54.7	45.5	36.9
27.5°	92.5	90.3	91.5	93.6	92.5	86.8	77.2	66.6	56.8	47.3	38.4
25°	93.7	90.7	90.9	92.7	93.2	89.2	80.0	68.8	58.7	49.0	39.8
22.5°	95.7	91.5	90.3	91.9	93.8	91.4	82.2	71.0	60.5	50.5	41.0
20°	97.4	92.1	89.7	91.2	93.7	92.0	84.0	73.0	62.2	51.9	42.1
17.5°	99.2	93.0	90.0	90.7	93.1	92.5	85.7	74.8	63.6	53.1	43.1
15°	102.2	94.3	90.4	90.2	92.5	92.9	87.1	76.3	64.8	54.2	44.0
12.5°	104.6	95.3	90.8	89.9	91.9	93.3	88.4	77.6	65.9	55.0	44.7
10°	106.7	96.2	91.0	89.6	91.4	93.6	89.4	78.7	66.8	55.7	45.3
7.5°	108.2	96.8	91.1	89.3	90.9	93.8	90.4	79.9	67.7	56.2	45.8
5°	109.3	97.4	91.4	89.2	90.7	94.0	91.1	80.8	68.3	56.5	46.1
2.5°	110.3	98.3	91.9	89.1	90.6	94.1	91.6	81.5	68.7	56.7	46.3
0°	110.7	99.0	92.3	89.1	90.5	94.1	91.8	81.9	68.9	56.7	46.4
-2.5°	110.3	98.3	91.9	89.1	90.6	94.1	91.6	81.5	68.7	56.7	46.3
-5°	109.3	97.4	91.4	89.2	90.7	94.0	91.1	80.8	68.3	56.5	46.1
-7.5°	108.2	96.8	91.1	89.3	90.9	93.8	90.4	79.9	67.7	56.2	45.8
-10°	106.7	96.2	91.0	89.6	91.4	93.6	89.4	78.7	66.8	55.7	45.3
-12.5°	104.6	95.3	90.8	89.9	91.9	93.3	88.4	77.6	65.9	55.0	44.7
-15°	102.2	94.3	90.4	90.2	92.5	92.9	87.1	76.3	64.8	54.2	44.0
-17.5°	99.2	93.0	90.0	90.7	93.1	92.5	85.7	74.8	63.6	53.1	43.1
-20°	97.4	92.1	89.7	91.2	93.7	92.0	84.0	73.0	62.2	51.9	42.1



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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°	95.7	91.5	90.3	91.9	93.8	91.4	82.2	71.0	60.5	50.5	41.0
-25°	93.7	90.7	90.9	92.7	93.2	89.2	80.0	68.8	58.7	49.0	39.8
-27.5°	92.5	90.3	91.5	93.6	92.5	86.8	77.2	66.6	56.8	47.3	38.4
-30°	91.5	91.0	92.4	94.0	91.7	84.1	74.3	64.2	54.7	45.5	36.9
-32.5°	90.8	91.6	93.4	93.1	89.2	81.1	71.0	61.5	52.4	43.7	35.4
-35°	91.5	92.7	94.3	92.0	85.8	77.2	67.7	58.7	50.1	41.7	33.9
-37.5°	92.5	94.1	93.1	89.6	82.1	73.2	64.3	55.8	47.5	39.5	32.3
-40°	94.0	94.4	92.0	85.5	77.7	69.0	60.8	52.8	44.9	37.3	30.6
-42.5°	95.3	93.1	88.4	81.1	73.0	65.0	57.2	49.6	42.2	35.1	28.9
-45°	94.0	90.5	83.8	76.1	68.1	60.8	53.5	46.4	39.5	33.0	27.1
-47.5°	91.7	85.5	78.4	70.7	63.4	56.5	49.7	43.2	36.6	30.9	25.2
-50°	86.2	79.7	72.3	65.4	58.6	52.2	45.9	39.9	34.0	28.6	23.3
-52.5°	79.6	72.8	66.3	60.0	53.8	47.8	42.3	36.6	31.4	26.3	21.3
-55°	71.9	66.1	60.3	54.6	49.0	43.7	38.6	33.5	28.5	23.9	19.2
-57.5°	64.7	59.5	54.4	49.2	44.3	39.6	34.9	30.2	25.7	21.4	17.5
-60°	57.6	53.1	48.5	44.1	39.8	35.5	31.1	26.9	22.9	19.0	15.7
-62.5°	50.8	46.8	43.0	39.1	35.2	31.3	27.3	23.7	20.0	16.9	13.9
-65°	44.2	40.9	37.5	34.1	30.7	27.1	23.7	20.4	17.5	14.8	12.2
-67.5°	37.7	35.1	32.3	29.3	26.2	23.2	20.1	17.5	15.1	12.7	10.8
-70°	32.1	29.7	27.2	24.6	21.9	19.3	17.0	14.8	12.7	11.0	9.4
-72.5°	26.4	24.4	22.2	20.0	18.0	16.0	14.0	12.2	10.7	9.3	8.0
-75°	20.8	19.2	17.6	16.0	14.3	12.7	11.3	10.0	8.8	7.6	6.6
-77.5°	15.8	14.6	13.3	12.2	11.1	9.9	8.8	7.8	6.9	6.0	5.1
-80°	11.2	10.4	9.7	8.9	8.0	7.2	6.5	5.8	5.1	4.4	3.7
-82.5°	7.1	6.7	6.3	5.9	5.4	4.9	4.4	3.9	3.4	2.8	2.4
-85°	4.2	3.9	3.7	3.4	3.0	2.7	2.5	2.3	2.1	1.8	1.6
-87.5°	1.8	1.7	1.6	1.5	1.5	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	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.9	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	4.1	3.1	2.3	1.7	1.2	0.6	0.0
75°	5.4	4.1	2.8	2.1	1.4	0.7	0.0
72.5°	6.6	5.1	3.6	2.4	1.6	0.8	0.0
70°	7.8	6.1	4.4	2.8	1.8	0.9	0.0
67.5°	9.0	7.0	5.2	3.4	2.1	1.0	0.0
65°	10.2	8.0	5.9	3.9	2.3	1.1	0.0
62.5°	11.4	9.1	6.6	4.5	2.5	1.2	0.0
60°	12.6	10.1	7.3	5.0	2.7	1.3	0.0
57.5°	14.1	11.1	8.2	5.5	3.0	1.5	0.0
55°	15.5	12.0	9.0	6.0	3.4	1.5	0.0
52.5°	17.0	13.0	9.7	6.4	3.7	1.6	0.0
50°	18.4	14.2	10.5	6.9	4.0	1.7	0.0
47.5°	19.8	15.3	11.3	7.4	4.3	1.8	0.0
45°	21.4	16.4	12.0	7.9	4.6	1.9	0.0
42.5°	22.8	17.5	12.7	8.4	4.9	2.0	0.0
40°	24.3	18.4	13.4	8.9	5.2	2.1	0.0
37.5°	25.6	19.4	14.2	9.4	5.5	2.1	0.0
35°	26.8	20.4	14.9	9.9	5.7	2.2	0.0
32.5°	28.0	21.4	15.6	10.3	5.9	2.3	0.0
30°	29.2	22.3	16.2	10.7	6.2	2.3	0.0
27.5°	30.3	23.1	16.7	11.0	6.4	2.4	0.0
25°	31.4	23.8	17.2	11.4	6.6	2.4	0.0
22.5°	32.3	24.5	17.6	11.6	6.8	2.5	0.0
20°	33.2	25.1	18.0	11.9	6.9	2.5	0.0
17.5°	33.9	25.6	18.4	12.1	7.1	2.6	0.0
15°	34.6	26.0	18.7	12.3	7.2	2.6	0.0
12.5°	35.2	26.4	18.9	12.4	7.4	2.6	0.0
10°	35.6	26.6	19.1	12.5	7.5	2.7	0.0
7.5°	36.0	26.8	19.3	12.6	7.5	2.7	0.0
5°	36.3	27.0	19.4	12.6	7.6	2.7	0.0
2.5°	36.4	27.0	19.4	12.6	7.7	2.7	0.0
0°	36.5	27.0	19.4	12.6	7.7	2.7	0.0
-2.5°	36.4	27.0	19.4	12.6	7.7	2.7	0.0
-5°	36.3	27.0	19.4	12.6	7.6	2.7	0.0
-7.5°	36.0	26.8	19.3	12.6	7.5	2.7	0.0
-10°	35.6	26.6	19.1	12.5	7.5	2.7	0.0
-12.5°	35.2	26.4	18.9	12.4	7.4	2.6	0.0
-15°	34.6	26.0	18.7	12.3	7.2	2.6	0.0
-17.5°	33.9	25.6	18.4	12.1	7.1	2.6	0.0
-20°	33.2	25.1	18.0	11.9	6.9	2.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.3	24.5	17.6	11.6	6.8	2.5	0.0
-25°	31.4	23.8	17.2	11.4	6.6	2.4	0.0
-27.5°	30.3	23.1	16.7	11.0	6.4	2.4	0.0
-30°	29.2	22.3	16.2	10.7	6.2	2.3	0.0
-32.5°	28.0	21.4	15.6	10.3	5.9	2.3	0.0
-35°	26.8	20.4	14.9	9.9	5.7	2.2	0.0
-37.5°	25.6	19.4	14.2	9.4	5.5	2.1	0.0
-40°	24.3	18.4	13.4	8.9	5.2	2.1	0.0
-42.5°	22.8	17.5	12.7	8.4	4.9	2.0	0.0
-45°	21.4	16.4	12.0	7.9	4.6	1.9	0.0
-47.5°	19.8	15.3	11.3	7.4	4.3	1.8	0.0
-50°	18.4	14.2	10.5	6.9	4.0	1.7	0.0
-52.5°	17.0	13.0	9.7	6.4	3.7	1.6	0.0
-55°	15.5	12.0	9.0	6.0	3.4	1.5	0.0
-57.5°	14.1	11.1	8.2	5.5	3.0	1.5	0.0
-60°	12.6	10.1	7.3	5.0	2.7	1.3	0.0
-62.5°	11.4	9.1	6.6	4.5	2.5	1.2	0.0
-65°	10.2	8.0	5.9	3.9	2.3	1.1	0.0
-67.5°	9.0	7.0	5.2	3.4	2.1	1.0	0.0
-70°	7.8	6.1	4.4	2.8	1.8	0.9	0.0
-72.5°	6.6	5.1	3.6	2.4	1.6	0.8	0.0
-75°	5.4	4.1	2.8	2.1	1.4	0.7	0.0
-77.5°	4.1	3.1	2.3	1.7	1.2	0.6	0.0
-80°	2.9	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)