

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: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-930-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

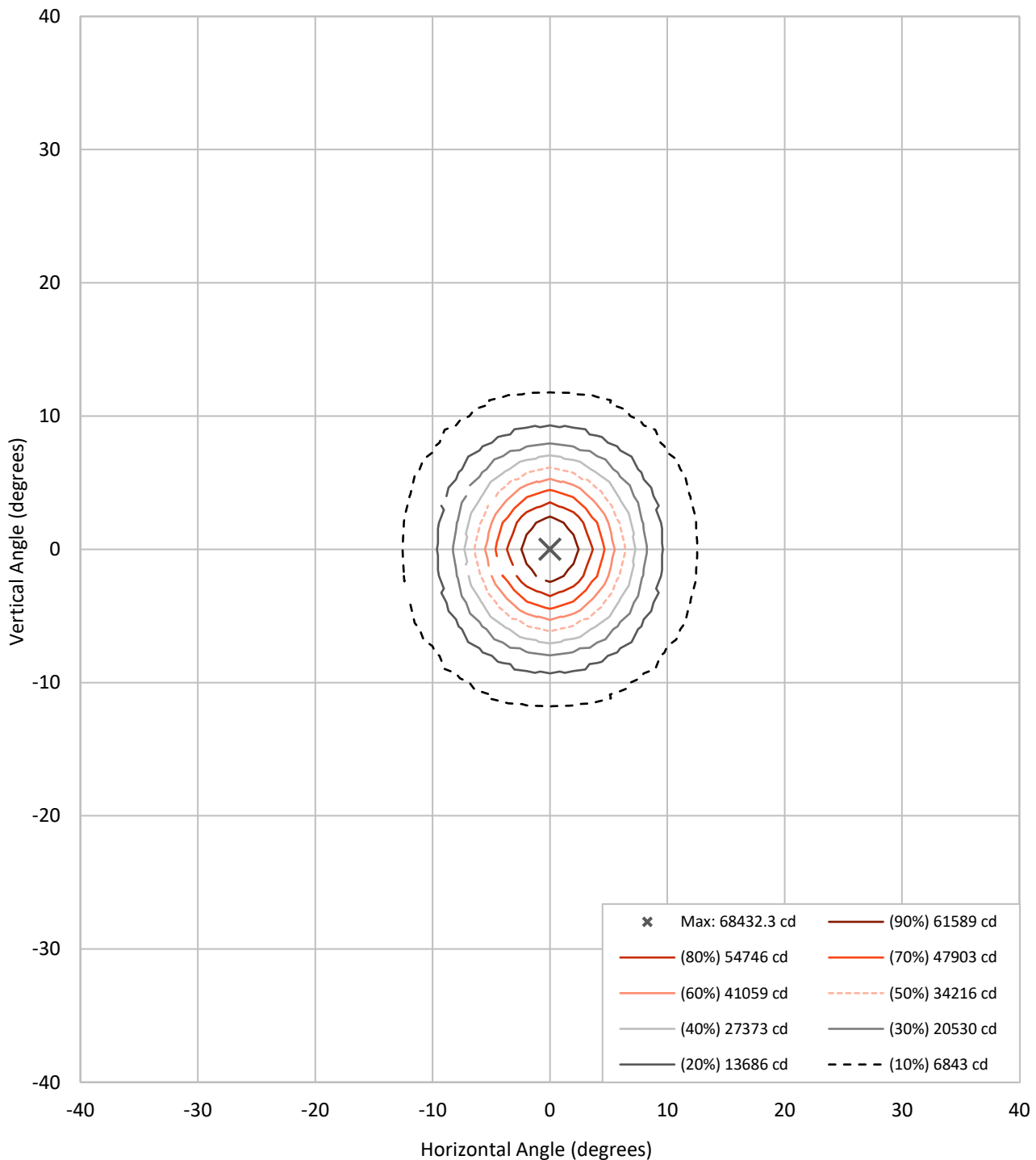
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	4960.4 lumens	Max Intensity:	68432.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1567.4 lumens	Field Lumens:	3472.4 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



REPORT NUMBER: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





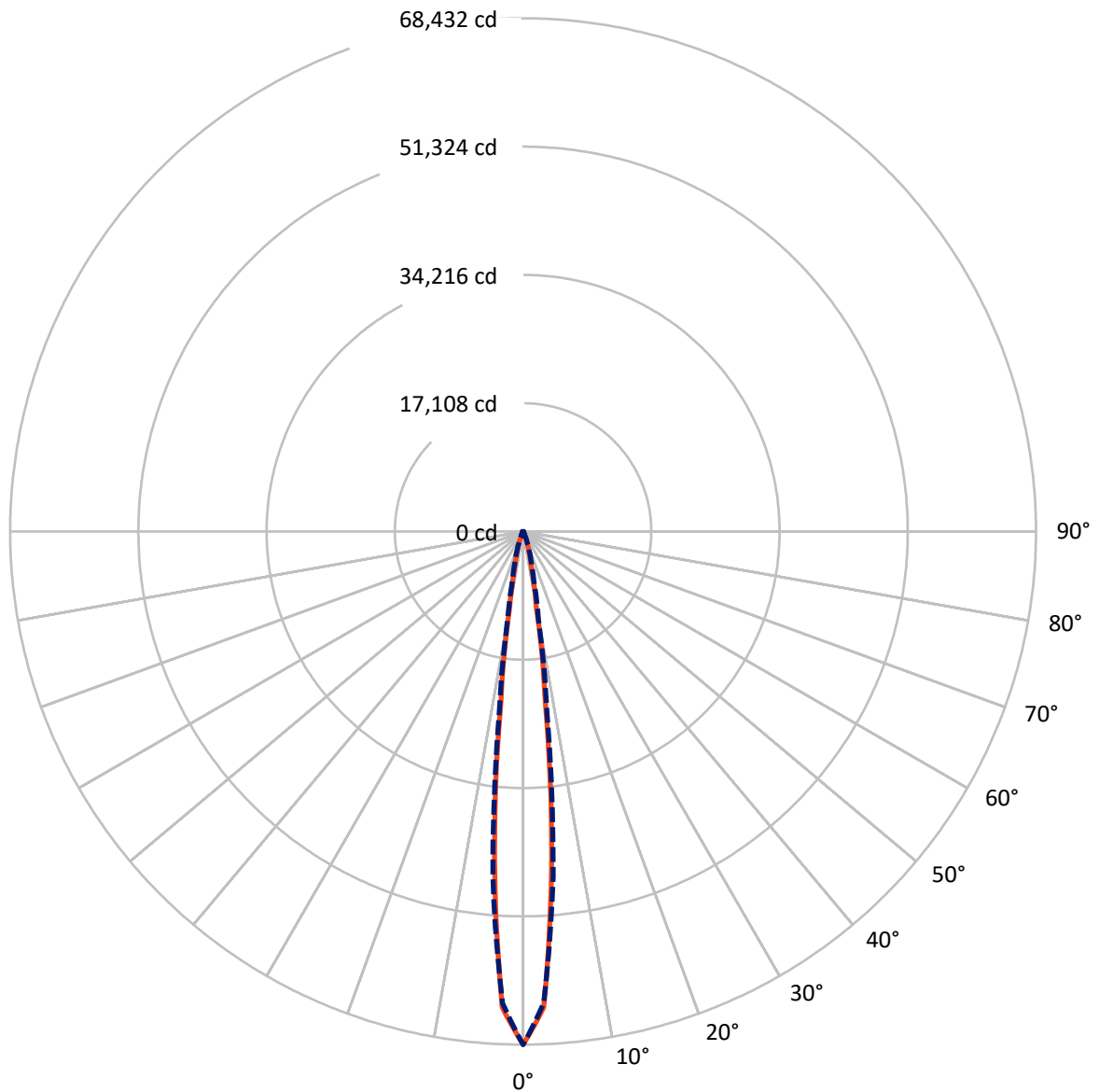
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Lumen Table

90	0.1	0.6		1.6		2.6		3.0		2.6		1.6		0.6		0.1			
80	0.1	0.6		1.6		2.6		3.0		2.6		1.6		0.6		0.1			
70	0.3	0.3	0.6	1.1	1.5	1.8	2.0	2.2	2.2	2.0	1.8	1.5	1.1	0.6	0.3	0.3			
60		0.5	1.0	1.4	1.9	2.2	2.4	2.5	2.5	2.4	2.2	1.9	1.4	1.0	0.5				
50	0.5	0.6	1.2	1.7	2.1	2.5	2.8	2.9	2.9	2.8	2.5	2.1	1.7	1.2	0.6	0.5			
40		0.7	1.3	1.8	2.3	3.0	3.8	4.3	4.3	3.8	3.0	2.3	1.8	1.3	0.7				
30	0.6	0.8	1.4	1.9	2.8	4.3	9.5	17.3	17.3	9.5	4.3	2.8	1.9	1.4	0.8	0.6			
20		0.9	1.4	2.1	3.3	9.2	52.0	114.4	114.4	52.0	9.2	3.3	2.1	1.4	0.9				
10	0.7	0.9	1.4	2.1	3.6	17.7	124.9	807.8	807.8	124.9	17.7	3.6	2.1	1.4	0.9	0.7			
0		0.9	1.4	2.1	3.6	17.7	124.9	807.8	807.8	124.9	17.7	3.6	2.1	1.4	0.9				
-10	0.6	0.9	1.4	2.1	3.3	9.2	52.0	114.4	114.4	52.0	9.2	3.3	2.1	1.4	0.9	0.6			
-20		0.8	1.4	1.9	2.8	4.3	9.5	17.3	17.3	9.5	4.3	2.8	1.9	1.4	0.8				
-30	0.5	0.7	1.3	1.8	2.3	3.0	3.8	4.3	4.3	3.8	3.0	2.3	1.8	1.3	0.7	0.5			
-40		0.6	1.2	1.7	2.1	2.5	2.8	2.9	2.9	2.8	2.5	2.1	1.7	1.2	0.6				
-50	0.3	0.5	1.0	1.4	1.9	2.2	2.4	2.5	2.5	2.4	2.2	1.9	1.4	1.0	0.5	0.3			
-60		0.3	0.6	1.1	1.5	1.8	2.0	2.2	2.2	2.0	1.8	1.5	1.1	0.6	0.3				
-70	0.1	0.6		1.6		2.6		3.0		2.6		1.6		0.6		0.1			
-80		0.6		1.6		2.6		3.0		2.6		1.6		0.6					
-90	0.1	0.6		1.6		2.6		3.0		2.6		1.6		0.6		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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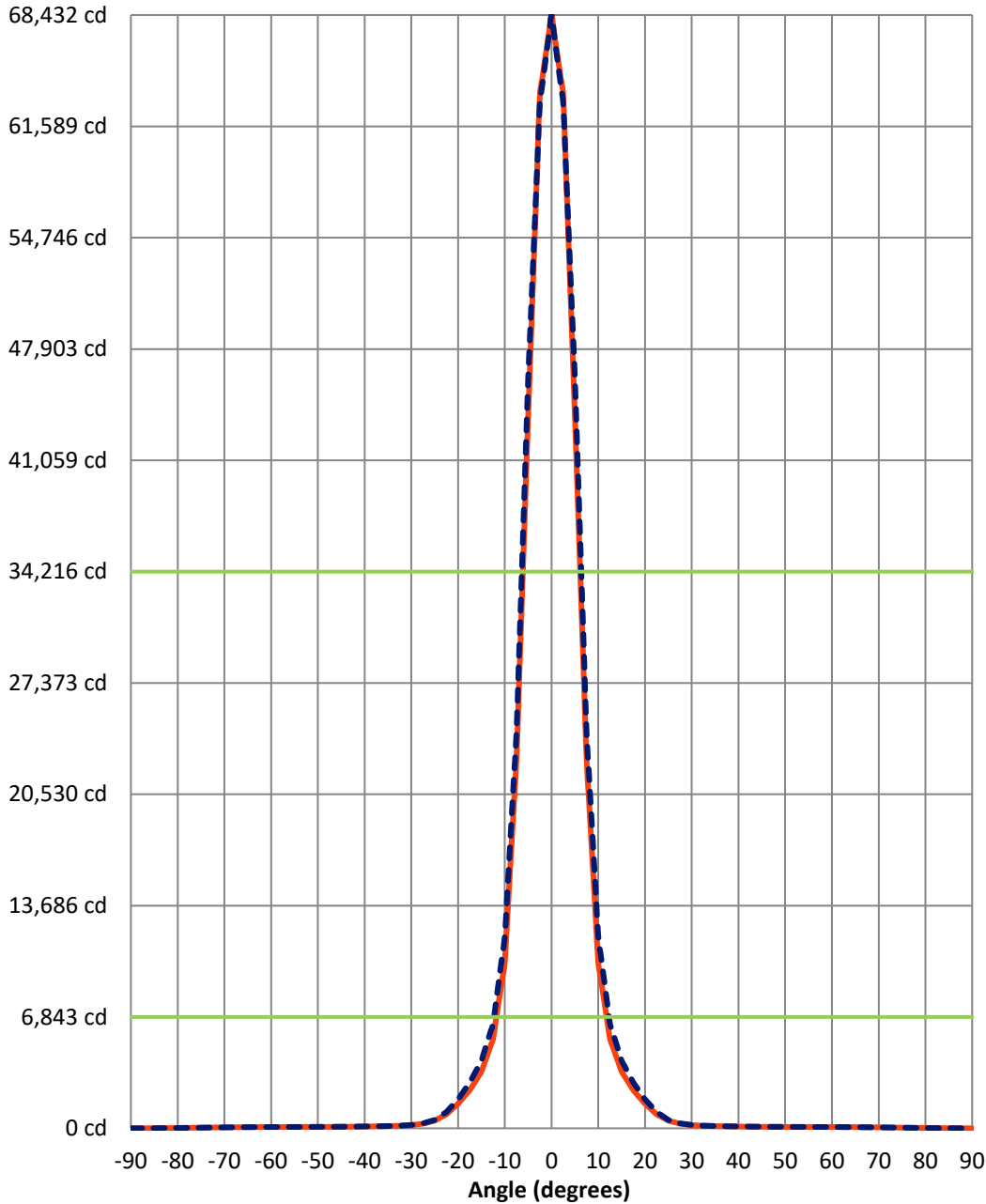
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 1567.4
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 3472.4
 Efficiency: 70.0%

Spill:
 Lumens: 1488.1
 Efficiency: 30.0%

— 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	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7
82.5°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.9	4.5
80°	0.0	0.6	1.3	1.9	2.4	2.9	3.4	4.1	5.0	5.8	6.7
77.5°	0.0	0.8	1.6	2.3	3.0	3.7	4.5	5.5	6.6	7.7	8.8
75°	0.0	1.0	1.9	2.8	3.6	4.7	5.7	6.9	8.2	9.7	11.1
72.5°	0.0	1.1	2.2	3.2	4.4	5.6	6.8	8.3	10.1	11.8	13.4
70°	0.0	1.3	2.5	3.7	5.1	6.6	8.0	10.0	12.0	13.9	16.5
67.5°	0.0	1.4	2.8	4.3	5.9	7.5	9.5	11.7	13.9	16.7	19.7
65°	0.0	1.6	3.1	4.8	6.6	8.6	10.9	13.3	16.3	19.5	22.9
62.5°	0.0	1.7	3.4	5.4	7.4	9.7	12.3	15.2	18.7	22.3	26.3
60°	0.0	1.8	3.7	5.9	8.1	10.8	13.6	17.2	21.0	25.2	29.5
57.5°	0.0	2.0	4.0	6.4	8.9	11.9	15.3	19.1	23.4	28.1	32.9
55°	0.0	2.1	4.4	6.9	9.8	12.9	16.9	21.0	25.9	30.9	36.1
52.5°	0.0	2.3	4.7	7.4	10.6	14.0	18.4	23.1	28.3	33.8	39.3
50°	0.0	2.4	5.0	7.9	11.3	15.3	19.9	25.2	30.7	36.6	42.5
47.5°	0.0	2.5	5.3	8.4	12.1	16.5	21.4	27.1	33.1	39.3	45.6
45°	0.0	2.6	5.6	8.9	12.8	17.7	23.1	29.0	35.4	42.0	48.5
42.5°	0.0	2.7	5.9	9.4	13.5	18.8	24.6	30.9	37.7	44.6	51.1
40°	0.0	2.8	6.1	9.9	14.2	19.8	26.1	32.8	39.8	47.1	53.5
37.5°	0.0	2.9	6.4	10.4	15.0	20.9	27.5	34.6	41.9	49.3	55.8
35°	0.0	3.0	6.6	10.8	15.8	21.9	28.8	36.2	43.9	51.2	57.9
32.5°	0.0	3.1	6.9	11.2	16.5	22.9	30.0	37.8	45.7	53.0	59.6
30°	0.0	3.2	7.1	11.5	17.2	23.9	31.3	39.3	47.4	54.7	61.3
27.5°	0.0	3.3	7.3	11.8	17.8	24.8	32.4	40.6	48.8	56.2	62.8
25°	0.0	3.4	7.4	12.1	18.4	25.6	33.5	41.9	50.1	57.5	64.2
22.5°	0.0	3.4	7.6	12.4	18.9	26.3	34.4	43.0	51.2	58.6	65.3
20°	0.0	3.5	7.7	12.6	19.4	27.0	35.3	44.0	52.2	59.7	66.2
17.5°	0.0	3.5	7.9	12.8	19.8	27.6	36.1	44.9	53.1	60.6	67.1
15°	0.0	3.6	8.0	13.0	20.2	28.1	36.8	45.6	53.9	61.3	67.8
12.5°	0.0	3.6	8.1	13.2	20.5	28.5	37.4	46.3	54.5	61.9	68.4
10°	0.0	3.6	8.2	13.3	20.7	28.9	37.8	46.8	55.0	62.4	68.9
7.5°	0.0	3.7	8.2	13.3	20.9	29.1	38.2	47.1	55.4	62.8	69.3
5°	0.0	3.7	8.3	13.4	21.1	29.3	38.5	47.4	55.6	63.0	69.5
2.5°	0.0	3.7	8.3	13.4	21.2	29.5	38.6	47.5	55.7	63.1	69.6
0°	0.0	3.7	8.3	13.4	21.2	29.5	38.6	47.5	55.7	63.1	69.6
-2.5°	0.0	3.7	8.3	13.4	21.2	29.5	38.6	47.5	55.7	63.1	69.6
-5°	0.0	3.7	8.3	13.4	21.1	29.3	38.5	47.4	55.6	63.0	69.5
-7.5°	0.0	3.7	8.2	13.3	20.9	29.1	38.2	47.1	55.4	62.8	69.3
-10°	0.0	3.6	8.2	13.3	20.7	28.9	37.8	46.8	55.0	62.4	68.9
-12.5°	0.0	3.6	8.1	13.2	20.5	28.5	37.4	46.3	54.5	61.9	68.4
-15°	0.0	3.6	8.0	13.0	20.2	28.1	36.8	45.6	53.9	61.3	67.8
-17.5°	0.0	3.5	7.9	12.8	19.8	27.6	36.1	44.9	53.1	60.6	67.1
-20°	0.0	3.5	7.7	12.6	19.4	27.0	35.3	44.0	52.2	59.7	66.2



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 CATALOG NUMBER: GFLD-SA1D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	7.6	12.4	18.9	26.3	34.4	43.0	51.2	58.6	65.3
-25°	0.0	3.4	7.4	12.1	18.4	25.6	33.5	41.9	50.1	57.5	64.2
-27.5°	0.0	3.3	7.3	11.8	17.8	24.8	32.4	40.6	48.8	56.2	62.8
-30°	0.0	3.2	7.1	11.5	17.2	23.9	31.3	39.3	47.4	54.7	61.3
-32.5°	0.0	3.1	6.9	11.2	16.5	22.9	30.0	37.8	45.7	53.0	59.6
-35°	0.0	3.0	6.6	10.8	15.8	21.9	28.8	36.2	43.9	51.2	57.9
-37.5°	0.0	2.9	6.4	10.4	15.0	20.9	27.5	34.6	41.9	49.3	55.8
-40°	0.0	2.8	6.1	9.9	14.2	19.8	26.1	32.8	39.8	47.1	53.5
-42.5°	0.0	2.7	5.9	9.4	13.5	18.8	24.6	30.9	37.7	44.6	51.1
-45°	0.0	2.6	5.6	8.9	12.8	17.7	23.1	29.0	35.4	42.0	48.5
-47.5°	0.0	2.5	5.3	8.4	12.1	16.5	21.4	27.1	33.1	39.3	45.6
-50°	0.0	2.4	5.0	7.9	11.3	15.3	19.9	25.2	30.7	36.6	42.5
-52.5°	0.0	2.3	4.7	7.4	10.6	14.0	18.4	23.1	28.3	33.8	39.3
-55°	0.0	2.1	4.4	6.9	9.8	12.9	16.9	21.0	25.9	30.9	36.1
-57.5°	0.0	2.0	4.0	6.4	8.9	11.9	15.3	19.1	23.4	28.1	32.9
-60°	0.0	1.8	3.7	5.9	8.1	10.8	13.6	17.2	21.0	25.2	29.5
-62.5°	0.0	1.7	3.4	5.4	7.4	9.7	12.3	15.2	18.7	22.3	26.3
-65°	0.0	1.6	3.1	4.8	6.6	8.6	10.9	13.3	16.3	19.5	22.9
-67.5°	0.0	1.4	2.8	4.3	5.9	7.5	9.5	11.7	13.9	16.7	19.7
-70°	0.0	1.3	2.5	3.7	5.1	6.6	8.0	10.0	12.0	13.9	16.5
-72.5°	0.0	1.1	2.2	3.2	4.4	5.6	6.8	8.3	10.1	11.8	13.4
-75°	0.0	1.0	1.9	2.8	3.6	4.7	5.7	6.9	8.2	9.7	11.1
-77.5°	0.0	0.8	1.6	2.3	3.0	3.7	4.5	5.5	6.6	7.7	8.8
-80°	0.0	0.6	1.3	1.9	2.4	2.9	3.4	4.1	5.0	5.8	6.7
-82.5°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.9	4.5
-85°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7
-87.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-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°	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.5
85°	3.0	3.2	3.5	3.8	4.1	4.3	4.5	4.7	5.0	5.3	5.6
82.5°	5.1	5.5	5.9	6.2	6.6	6.9	7.2	7.7	8.4	9.1	9.7
80°	7.3	7.8	8.6	9.4	10.2	11.1	11.8	12.6	13.4	14.3	15.2
77.5°	9.8	10.9	12.0	13.3	14.4	15.8	17.2	18.6	19.9	21.0	22.0
75°	12.4	13.9	15.8	17.7	19.5	21.3	23.1	24.9	26.4	27.9	29.4
72.5°	15.5	17.8	20.1	22.3	24.7	26.9	29.0	31.0	33.0	35.0	36.9
70°	19.1	21.8	24.5	27.3	30.0	32.5	35.0	37.5	40.0	42.2	44.2
67.5°	22.8	25.9	29.1	32.2	35.2	38.0	41.0	43.9	46.6	48.9	51.0
65°	26.5	30.1	33.6	37.0	40.2	43.6	46.9	50.0	52.6	54.7	56.8
62.5°	30.2	34.2	38.0	41.7	45.4	49.1	52.2	55.0	57.7	60.0	62.3
60°	34.0	38.3	42.4	46.5	50.4	53.8	57.0	59.8	62.5	65.1	66.9
57.5°	37.6	42.3	46.8	51.0	54.7	58.2	61.3	64.3	66.6	68.6	70.7
55°	41.3	46.2	50.9	55.0	58.8	62.1	65.2	67.7	70.0	72.0	74.0
52.5°	44.8	50.0	54.6	58.8	62.4	65.7	68.4	70.9	73.1	75.0	76.7
50°	48.3	53.4	58.2	62.1	65.7	68.8	71.4	73.7	75.8	77.7	79.1
47.5°	51.3	56.6	61.1	65.2	68.6	71.5	74.0	76.3	78.4	80.0	81.4
45°	54.2	59.4	64.0	67.9	71.2	74.0	76.4	78.8	80.5	82.0	83.2
42.5°	57.0	62.0	66.5	70.5	73.4	76.1	78.6	80.6	82.4	83.8	85.0
40°	59.3	64.6	68.8	72.5	75.5	78.0	80.3	82.3	84.1	85.5	86.8
37.5°	61.6	66.6	70.9	74.3	77.1	79.6	81.9	83.8	85.6	87.0	88.8
35°	63.7	68.5	72.5	75.8	78.6	81.1	83.2	85.2	86.9	88.9	90.9
32.5°	65.5	70.4	74.1	77.1	79.8	82.3	84.5	86.5	88.4	90.7	93.3
30°	67.0	71.7	75.4	78.2	80.9	83.3	85.6	87.7	89.9	92.6	96.0
27.5°	68.4	72.9	76.4	79.2	81.9	84.2	86.6	89.0	91.5	94.7	98.9
25°	69.7	74.1	77.2	80.1	82.6	84.9	87.4	90.0	93.1	97.2	102.8
22.5°	70.8	75.1	77.9	80.9	83.2	85.7	88.2	91.0	94.6	99.6	106.9
20°	71.6	75.7	78.6	81.5	83.7	86.3	89.0	92.0	96.2	102.8	111.2
17.5°	72.4	76.3	79.1	81.8	84.2	86.9	89.6	92.7	97.6	105.7	115.1
15°	73.1	76.7	79.6	82.1	84.6	87.3	90.1	93.7	99.4	108.5	118.7
12.5°	73.7	77.1	79.9	82.4	84.9	87.6	90.6	94.6	101.3	111.2	122.2
10°	74.2	77.4	80.1	82.5	85.2	87.7	91.0	95.1	102.7	112.7	124.3
7.5°	74.5	77.6	80.3	82.6	85.3	87.8	91.2	95.4	103.5	113.5	125.5
5°	74.6	77.7	80.5	82.8	85.5	87.9	91.4	95.4	103.9	113.7	125.9
2.5°	74.7	77.9	80.6	82.9	85.7	88.2	91.8	96.0	104.2	114.2	126.2
0°	74.6	77.9	80.6	82.9	85.7	88.5	92.1	96.3	104.1	114.7	126.2
-2.5°	74.7	77.9	80.6	82.9	85.7	88.2	91.8	96.0	104.2	114.2	126.2
-5°	74.6	77.7	80.5	82.8	85.5	87.9	91.4	95.4	103.9	113.7	125.9
-7.5°	74.5	77.6	80.3	82.6	85.3	87.8	91.2	95.4	103.5	113.5	125.5
-10°	74.2	77.4	80.1	82.5	85.2	87.7	91.0	95.1	102.7	112.7	124.3
-12.5°	73.7	77.1	79.9	82.4	84.9	87.6	90.6	94.6	101.3	111.2	122.2
-15°	73.1	76.7	79.6	82.1	84.6	87.3	90.1	93.7	99.4	108.5	118.7
-17.5°	72.4	76.3	79.1	81.8	84.2	86.9	89.6	92.7	97.6	105.7	115.1
-20°	71.6	75.7	78.6	81.5	83.7	86.3	89.0	92.0	96.2	102.8	111.2



REPORT NUMBER: P558568 (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°	70.8	75.1	77.9	80.9	83.2	85.7	88.2	91.0	94.6	99.6	106.9
-25°	69.7	74.1	77.2	80.1	82.6	84.9	87.4	90.0	93.1	97.2	102.8
-27.5°	68.4	72.9	76.4	79.2	81.9	84.2	86.6	89.0	91.5	94.7	98.9
-30°	67.0	71.7	75.4	78.2	80.9	83.3	85.6	87.7	89.9	92.6	96.0
-32.5°	65.5	70.4	74.1	77.1	79.8	82.3	84.5	86.5	88.4	90.7	93.3
-35°	63.7	68.5	72.5	75.8	78.6	81.1	83.2	85.2	86.9	88.9	90.9
-37.5°	61.6	66.6	70.9	74.3	77.1	79.6	81.9	83.8	85.6	87.0	88.8
-40°	59.3	64.6	68.8	72.5	75.5	78.0	80.3	82.3	84.1	85.5	86.8
-42.5°	57.0	62.0	66.5	70.5	73.4	76.1	78.6	80.6	82.4	83.8	85.0
-45°	54.2	59.4	64.0	67.9	71.2	74.0	76.4	78.8	80.5	82.0	83.2
-47.5°	51.3	56.6	61.1	65.2	68.6	71.5	74.0	76.3	78.4	80.0	81.4
-50°	48.3	53.4	58.2	62.1	65.7	68.8	71.4	73.7	75.8	77.7	79.1
-52.5°	44.8	50.0	54.6	58.8	62.4	65.7	68.4	70.9	73.1	75.0	76.7
-55°	41.3	46.2	50.9	55.0	58.8	62.1	65.2	67.7	70.0	72.0	74.0
-57.5°	37.6	42.3	46.8	51.0	54.7	58.2	61.3	64.3	66.6	68.6	70.7
-60°	34.0	38.3	42.4	46.5	50.4	53.8	57.0	59.8	62.5	65.1	66.9
-62.5°	30.2	34.2	38.0	41.7	45.4	49.1	52.2	55.0	57.7	60.0	62.3
-65°	26.5	30.1	33.6	37.0	40.2	43.6	46.9	50.0	52.6	54.7	56.8
-67.5°	22.8	25.9	29.1	32.2	35.2	38.0	41.0	43.9	46.6	48.9	51.0
-70°	19.1	21.8	24.5	27.3	30.0	32.5	35.0	37.5	40.0	42.2	44.2
-72.5°	15.5	17.8	20.1	22.3	24.7	26.9	29.0	31.0	33.0	35.0	36.9
-75°	12.4	13.9	15.8	17.7	19.5	21.3	23.1	24.9	26.4	27.9	29.4
-77.5°	9.8	10.9	12.0	13.3	14.4	15.8	17.2	18.6	19.9	21.0	22.0
-80°	7.3	7.8	8.6	9.4	10.2	11.1	11.8	12.6	13.4	14.3	15.2
-82.5°	5.1	5.5	5.9	6.2	6.6	6.9	7.2	7.7	8.4	9.1	9.7
-85°	3.0	3.2	3.5	3.8	4.1	4.3	4.5	4.7	5.0	5.3	5.6
-87.5°	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	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: P558568 (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°	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.7	2.8
85°	5.9	6.1	6.4	6.6	6.9	7.0	7.2	7.3	7.5	7.6	7.6
82.5°	10.3	10.8	11.3	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.5
80°	16.1	16.9	17.6	18.3	19.0	19.5	19.9	20.3	20.6	20.9	21.2
77.5°	23.0	24.1	25.1	26.1	26.9	27.7	28.3	28.9	29.3	29.9	30.4
75°	30.8	32.1	33.3	34.5	35.5	36.4	37.2	37.9	38.5	39.1	39.6
72.5°	38.6	40.2	41.6	42.8	43.9	45.0	46.0	46.9	47.8	48.5	49.0
70°	46.0	47.6	49.1	50.5	51.8	53.1	54.4	55.6	56.7	57.4	57.9
67.5°	52.7	54.4	56.1	57.8	59.3	60.7	62.0	63.2	64.3	65.0	65.5
65°	58.7	60.6	62.5	64.2	65.8	67.0	68.2	69.4	70.4	71.3	71.9
62.5°	64.5	66.3	67.9	69.3	70.7	71.9	73.1	74.1	75.0	75.9	76.6
60°	68.8	70.7	72.2	73.6	74.8	76.0	76.9	77.7	78.4	78.9	79.4
57.5°	72.5	74.4	75.9	77.0	78.1	79.2	80.1	80.6	80.9	81.2	81.4
55°	75.8	77.2	78.5	79.8	80.9	81.8	82.6	82.9	83.1	83.1	83.2
52.5°	78.4	79.8	81.1	82.3	83.1	84.0	84.7	84.8	84.9	85.0	85.0
50°	80.7	82.1	83.1	84.1	85.0	85.8	86.4	86.6	86.8	86.8	86.7
47.5°	82.6	83.8	84.9	86.0	86.9	87.7	88.4	88.8	89.1	89.2	89.2
45°	84.3	85.7	86.9	88.1	89.2	90.3	91.2	91.8	92.5	92.9	93.1
42.5°	86.3	87.7	89.0	90.7	92.2	93.6	95.2	96.6	98.0	99.5	100.5
40°	88.3	89.8	91.9	93.9	96.1	98.1	101.4	104.7	107.2	109.3	111.2
37.5°	90.6	92.8	95.3	97.8	101.5	105.2	109.4	113.5	117.0	120.2	122.8
35°	93.2	96.2	99.2	103.8	108.4	113.0	118.0	123.4	128.0	131.4	133.8
32.5°	96.5	100.1	105.1	110.9	116.5	122.6	128.6	134.6	139.2	143.9	148.6
30°	100.0	105.3	111.7	118.8	125.9	133.1	140.6	149.0	157.0	165.6	177.8
27.5°	104.6	111.1	118.6	126.9	135.5	144.0	157.2	171.6	192.9	210.0	239.0
25°	109.5	117.1	126.0	135.7	146.1	161.5	185.5	213.9	264.3	303.4	362.6
22.5°	115.0	123.9	133.7	144.9	161.7	190.6	231.7	304.7	406.3	506.6	618.1
20°	120.3	130.1	141.0	157.8	186.4	232.2	321.3	479.1	655.3	906.2	1116.7
17.5°	125.4	135.8	149.6	172.3	215.1	307.3	479.8	750.1	1118.1	1522.5	1859.8
15°	129.8	140.6	159.0	195.1	267.4	411.0	671.4	1131.4	1749.8	2303.4	2797.3
12.5°	133.6	146.3	169.3	213.5	312.8	525.3	943.1	1596.2	2351.3	3127.9	3752.9
10°	136.4	152.4	183.0	247.5	384.9	661.3	1169.5	1993.4	2902.6	3846.4	4976.2
7.5°	138.1	156.8	193.4	272.7	449.2	812.8	1453.5	2347.9	3392.1	4680.5	6406.7
5°	139.2	159.7	201.0	291.7	492.2	913.0	1632.9	2616.6	3814.4	5677.4	9230.1
2.5°	139.8	161.1	205.4	302.2	511.7	964.5	1759.1	2770.4	4071.4	6380.6	11186.0
0°	139.6	160.3	205.9	304.5	514.6	1003.8	1780.1	2814.4	4158.2	6443.7	11813.0
-2.5°	139.8	161.1	205.4	302.2	511.7	964.5	1759.1	2770.4	4071.4	6380.6	11186.0
-5°	139.2	159.7	201.0	291.7	492.2	913.0	1632.9	2616.6	3814.4	5677.4	9230.1
-7.5°	138.1	156.8	193.4	272.7	449.2	812.8	1453.5	2347.9	3392.1	4680.5	6406.7
-10°	136.4	152.4	183.0	247.5	384.9	661.3	1169.5	1993.4	2902.6	3846.4	4976.2
-12.5°	133.6	146.3	169.3	213.5	312.8	525.3	943.1	1596.2	2351.3	3127.9	3752.9
-15°	129.8	140.6	159.0	195.1	267.4	411.0	671.4	1131.4	1749.8	2303.4	2797.3
-17.5°	125.4	135.8	149.6	172.3	215.1	307.3	479.8	750.1	1118.1	1522.5	1859.8
-20°	120.3	130.1	141.0	157.8	186.4	232.2	321.3	479.1	655.3	906.2	1116.7



REPORT NUMBER: P558568 (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°	115.0	123.9	133.7	144.9	161.7	190.6	231.7	304.7	406.3	506.6	618.1
-25°	109.5	117.1	126.0	135.7	146.1	161.5	185.5	213.9	264.3	303.4	362.6
-27.5°	104.6	111.1	118.6	126.9	135.5	144.0	157.2	171.6	192.9	210.0	239.0
-30°	100.0	105.3	111.7	118.8	125.9	133.1	140.6	149.0	157.0	165.6	177.8
-32.5°	96.5	100.1	105.1	110.9	116.5	122.6	128.6	134.6	139.2	143.9	148.6
-35°	93.2	96.2	99.2	103.8	108.4	113.0	118.0	123.4	128.0	131.4	133.8
-37.5°	90.6	92.8	95.3	97.8	101.5	105.2	109.4	113.5	117.0	120.2	122.8
-40°	88.3	89.8	91.9	93.9	96.1	98.1	101.4	104.7	107.2	109.3	111.2
-42.5°	86.3	87.7	89.0	90.7	92.2	93.6	95.2	96.6	98.0	99.5	100.5
-45°	84.3	85.7	86.9	88.1	89.2	90.3	91.2	91.8	92.5	92.9	93.1
-47.5°	82.6	83.8	84.9	86.0	86.9	87.7	88.4	88.8	89.1	89.2	89.2
-50°	80.7	82.1	83.1	84.1	85.0	85.8	86.4	86.6	86.8	86.8	86.7
-52.5°	78.4	79.8	81.1	82.3	83.1	84.0	84.7	84.8	84.9	85.0	85.0
-55°	75.8	77.2	78.5	79.8	80.9	81.8	82.6	82.9	83.1	83.1	83.2
-57.5°	72.5	74.4	75.9	77.0	78.1	79.2	80.1	80.6	80.9	81.2	81.4
-60°	68.8	70.7	72.2	73.6	74.8	76.0	76.9	77.7	78.4	78.9	79.4
-62.5°	64.5	66.3	67.9	69.3	70.7	71.9	73.1	74.1	75.0	75.9	76.6
-65°	58.7	60.6	62.5	64.2	65.8	67.0	68.2	69.4	70.4	71.3	71.9
-67.5°	52.7	54.4	56.1	57.8	59.3	60.7	62.0	63.2	64.3	65.0	65.5
-70°	46.0	47.6	49.1	50.5	51.8	53.1	54.4	55.6	56.7	57.4	57.9
-72.5°	38.6	40.2	41.6	42.8	43.9	45.0	46.0	46.9	47.8	48.5	49.0
-75°	30.8	32.1	33.3	34.5	35.5	36.4	37.2	37.9	38.5	39.1	39.6
-77.5°	23.0	24.1	25.1	26.1	26.9	27.7	28.3	28.9	29.3	29.9	30.4
-80°	16.1	16.9	17.6	18.3	19.0	19.5	19.9	20.3	20.6	20.9	21.2
-82.5°	10.3	10.8	11.3	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.5
-85°	5.9	6.1	6.4	6.6	6.9	7.0	7.2	7.3	7.5	7.6	7.6
-87.5°	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.7	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



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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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
85°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.5	7.3
82.5°	13.6	13.7	13.8	13.8	13.8	13.7	13.6	13.5	13.4	13.2	13.0
80°	21.4	21.6	21.7	21.7	21.7	21.6	21.4	21.2	20.9	20.6	20.3
77.5°	30.8	31.1	31.3	31.3	31.3	31.1	30.8	30.4	29.9	29.3	28.9
75°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.1	38.5	37.9
72.5°	49.3	49.6	49.9	50.2	49.9	49.6	49.3	49.0	48.5	47.8	46.9
70°	58.1	58.3	58.7	59.0	58.7	58.3	58.1	57.9	57.4	56.7	55.6
67.5°	65.8	66.0	66.0	65.9	66.0	66.0	65.8	65.5	65.0	64.3	63.2
65°	72.5	72.9	73.0	72.8	73.0	72.9	72.5	71.9	71.3	70.4	69.4
62.5°	77.3	78.0	78.2	78.3	78.2	78.0	77.3	76.6	75.9	75.0	74.1
60°	79.8	80.1	80.2	80.2	80.2	80.1	79.8	79.4	78.9	78.4	77.7
57.5°	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.4	81.2	80.9	80.6
55°	83.3	83.3	83.2	82.9	83.2	83.3	83.3	83.2	83.1	83.1	82.9
52.5°	85.0	84.8	84.6	84.3	84.6	84.8	85.0	85.0	85.0	84.9	84.8
50°	86.5	86.2	86.1	86.1	86.1	86.2	86.5	86.7	86.8	86.8	86.6
47.5°	89.1	88.9	88.8	88.9	88.8	88.9	89.1	89.2	89.2	89.1	88.8
45°	93.2	93.1	93.0	93.1	93.0	93.1	93.2	93.1	92.9	92.5	91.8
42.5°	101.1	101.2	101.2	101.4	101.2	101.2	101.1	100.5	99.5	98.0	96.6
40°	112.0	111.9	111.5	111.5	111.5	111.9	112.0	111.2	109.3	107.2	104.7
37.5°	123.9	123.9	123.5	123.5	123.5	123.9	123.9	122.8	120.2	117.0	113.5
35°	135.1	135.5	135.4	135.0	135.4	135.5	135.1	133.8	131.4	128.0	123.4
32.5°	151.9	154.5	155.8	155.3	155.8	154.5	151.9	148.6	143.9	139.2	134.6
30°	185.5	192.2	195.7	197.2	195.7	192.2	185.5	177.8	165.6	157.0	149.0
27.5°	259.8	274.4	280.9	283.3	280.9	274.4	259.8	239.0	210.0	192.9	171.6
25°	414.4	447.4	463.7	469.0	463.7	447.4	414.4	362.6	303.4	264.3	213.9
22.5°	740.9	804.6	848.2	857.8	848.2	804.6	740.9	618.1	506.6	406.3	304.7
20°	1328.4	1451.6	1518.5	1512.4	1518.5	1451.6	1328.4	1116.7	906.2	655.3	479.1
17.5°	2146.4	2304.4	2379.6	2344.5	2379.6	2304.4	2146.4	1859.8	1522.5	1118.1	750.1
15°	3146.6	3360.0	3453.1	3481.9	3453.1	3360.0	3146.6	2797.3	2303.4	1749.8	1131.4
12.5°	4376.8	5076.4	5411.0	5500.6	5411.0	5076.4	4376.8	3752.9	3127.9	2351.3	1596.2
10°	6131.9	8483.7	9882.5	10224.1	9882.5	8483.7	6131.9	4976.2	3846.4	2902.6	1993.4
7.5°	10013.9	14792.9	20146.5	22681.7	20146.5	14792.9	10013.9	6406.7	4680.5	3392.1	2347.9
5°	15271.1	26504.4	38899.5	43758.7	38899.5	26504.4	15271.1	9230.1	5677.4	3814.4	2616.6
2.5°	21662.3	40019.6	57146.7	63531.3	57146.7	40019.6	21662.3	11186.0	6380.6	4071.4	2770.4
0°	24362.5	46138.1	62963.3	68432.3	62963.3	46138.1	24362.5	11813.0	6443.7	4158.2	2814.4
-2.5°	21662.3	40019.6	57146.7	63531.2	57146.7	40019.6	21662.3	11186.0	6380.6	4071.4	2770.4
-5°	15271.1	26504.4	38899.5	43758.7	38899.5	26504.4	15271.1	9230.1	5677.4	3814.4	2616.6
-7.5°	10013.9	14792.9	20146.5	22681.7	20146.5	14792.9	10013.9	6406.7	4680.5	3392.1	2347.9
-10°	6131.9	8483.7	9882.5	10224.1	9882.5	8483.7	6131.9	4976.2	3846.4	2902.6	1993.4
-12.5°	4376.8	5076.4	5411.0	5500.6	5411.0	5076.4	4376.8	3752.9	3127.9	2351.3	1596.2
-15°	3146.6	3360.0	3453.1	3481.9	3453.1	3360.0	3146.6	2797.3	2303.4	1749.8	1131.4
-17.5°	2146.4	2304.4	2379.6	2344.5	2379.6	2304.4	2146.4	1859.8	1522.5	1118.1	750.1
-20°	1328.4	1451.6	1518.5	1512.4	1518.5	1451.6	1328.4	1116.7	906.2	655.3	479.1



REPORT NUMBER: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	740.9	804.6	848.2	857.8	848.2	804.6	740.9	618.1	506.6	406.3	304.7
-25°	414.4	447.4	463.7	469.0	463.7	447.4	414.4	362.6	303.4	264.3	213.9
-27.5°	259.8	274.4	280.9	283.3	280.9	274.4	259.8	239.0	210.0	192.9	171.6
-30°	185.5	192.2	195.7	197.2	195.7	192.2	185.5	177.8	165.6	157.0	149.0
-32.5°	151.9	154.5	155.8	155.3	155.8	154.5	151.9	148.6	143.9	139.2	134.6
-35°	135.1	135.5	135.4	135.0	135.4	135.5	135.1	133.8	131.4	128.0	123.4
-37.5°	123.9	123.9	123.5	123.5	123.5	123.9	123.9	122.8	120.2	117.0	113.5
-40°	112.0	111.9	111.5	111.5	111.5	111.9	112.0	111.2	109.3	107.2	104.7
-42.5°	101.1	101.2	101.2	101.4	101.2	101.2	101.1	100.5	99.5	98.0	96.6
-45°	93.2	93.1	93.0	93.1	93.0	93.1	93.2	93.1	92.9	92.5	91.8
-47.5°	89.1	88.9	88.8	88.9	88.8	88.9	89.1	89.2	89.2	89.1	88.8
-50°	86.5	86.2	86.1	86.1	86.1	86.2	86.5	86.7	86.8	86.8	86.6
-52.5°	85.0	84.8	84.6	84.3	84.6	84.8	85.0	85.0	85.0	84.9	84.8
-55°	83.3	83.3	83.2	82.9	83.2	83.3	83.3	83.2	83.1	83.1	82.9
-57.5°	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.4	81.2	80.9	80.6
-60°	79.8	80.1	80.2	80.2	80.2	80.1	79.8	79.4	78.9	78.4	77.7
-62.5°	77.3	78.0	78.2	78.3	78.2	78.0	77.3	76.6	75.9	75.0	74.1
-65°	72.5	72.9	73.0	72.8	73.0	72.9	72.5	71.9	71.3	70.4	69.4
-67.5°	65.8	66.0	66.0	65.9	66.0	66.0	65.8	65.5	65.0	64.3	63.2
-70°	58.1	58.3	58.7	59.0	58.7	58.3	58.1	57.9	57.4	56.7	55.6
-72.5°	49.3	49.6	49.9	50.2	49.9	49.6	49.3	49.0	48.5	47.8	46.9
-75°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.1	38.5	37.9
-77.5°	30.8	31.1	31.3	31.3	31.3	31.1	30.8	30.4	29.9	29.3	28.9
-80°	21.4	21.6	21.7	21.7	21.7	21.6	21.4	21.2	20.9	20.6	20.3
-82.5°	13.6	13.7	13.8	13.8	13.8	13.7	13.6	13.5	13.4	13.2	13.0
-85°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.5	7.3
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-TS-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°	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.3
85°	7.2	7.0	6.9	6.6	6.4	6.1	5.9	5.6	5.3	5.0	4.7
82.5°	12.7	12.4	12.1	11.7	11.3	10.8	10.3	9.7	9.1	8.4	7.7
80°	19.9	19.5	19.0	18.3	17.6	16.9	16.1	15.2	14.3	13.4	12.6
77.5°	28.3	27.7	26.9	26.1	25.1	24.1	23.0	22.0	21.0	19.9	18.6
75°	37.2	36.4	35.5	34.5	33.3	32.1	30.8	29.4	27.9	26.4	24.9
72.5°	46.0	45.0	43.9	42.8	41.6	40.2	38.6	36.9	35.0	33.0	31.0
70°	54.4	53.1	51.8	50.5	49.1	47.6	46.0	44.2	42.2	40.0	37.5
67.5°	62.0	60.7	59.3	57.8	56.1	54.4	52.7	51.0	48.9	46.6	43.9
65°	68.2	67.0	65.8	64.2	62.5	60.6	58.7	56.8	54.7	52.6	50.0
62.5°	73.1	71.9	70.7	69.3	67.9	66.3	64.5	62.3	60.0	57.7	55.0
60°	76.9	76.0	74.8	73.6	72.2	70.7	68.8	66.9	65.1	62.5	59.8
57.5°	80.1	79.2	78.1	77.0	75.9	74.4	72.5	70.7	68.6	66.6	64.3
55°	82.6	81.8	80.9	79.8	78.5	77.2	75.8	74.0	72.0	70.0	67.7
52.5°	84.7	84.0	83.1	82.3	81.1	79.8	78.4	76.7	75.0	73.1	70.9
50°	86.4	85.8	85.0	84.1	83.1	82.1	80.7	79.1	77.7	75.8	73.7
47.5°	88.4	87.7	86.9	86.0	84.9	83.8	82.6	81.4	80.0	78.4	76.3
45°	91.2	90.3	89.2	88.1	86.9	85.7	84.3	83.2	82.0	80.5	78.8
42.5°	95.2	93.6	92.2	90.7	89.0	87.7	86.3	85.0	83.8	82.4	80.6
40°	101.4	98.1	96.1	93.9	91.9	89.8	88.3	86.8	85.5	84.1	82.3
37.5°	109.4	105.2	101.5	97.8	95.3	92.8	90.6	88.8	87.0	85.6	83.8
35°	118.0	113.0	108.4	103.8	99.2	96.2	93.2	90.9	88.9	86.9	85.2
32.5°	128.6	122.6	116.5	110.9	105.1	100.1	96.5	93.3	90.7	88.4	86.5
30°	140.6	133.1	125.9	118.8	111.7	105.3	100.0	96.0	92.6	89.9	87.7
27.5°	157.2	144.0	135.5	126.9	118.6	111.1	104.6	98.9	94.7	91.5	89.0
25°	185.5	161.5	146.1	135.7	126.0	117.1	109.5	102.8	97.2	93.1	90.0
22.5°	231.7	190.6	161.7	144.9	133.7	123.9	115.0	106.9	99.6	94.6	91.0
20°	321.3	232.2	186.4	157.8	141.0	130.1	120.3	111.2	102.8	96.2	92.0
17.5°	479.8	307.3	215.1	172.3	149.6	135.8	125.4	115.1	105.7	97.6	92.7
15°	671.4	411.0	267.4	195.1	159.0	140.6	129.8	118.7	108.5	99.4	93.7
12.5°	943.1	525.3	312.8	213.5	169.3	146.3	133.6	122.2	111.2	101.3	94.6
10°	1169.5	661.3	384.9	247.5	183.0	152.4	136.4	124.3	112.7	102.7	95.1
7.5°	1453.5	812.8	449.2	272.7	193.4	156.8	138.1	125.5	113.5	103.5	95.4
5°	1632.9	913.0	492.2	291.7	201.0	159.7	139.2	125.9	113.7	103.9	95.4
2.5°	1759.1	964.5	511.7	302.2	205.4	161.1	139.8	126.2	114.2	104.2	96.0
0°	1780.1	1003.8	514.6	304.5	205.9	160.3	139.6	126.2	114.7	104.1	96.3
-2.5°	1759.1	964.5	511.7	302.2	205.4	161.1	139.8	126.2	114.2	104.2	96.0
-5°	1632.9	913.0	492.2	291.7	201.0	159.7	139.2	125.9	113.7	103.9	95.4
-7.5°	1453.5	812.8	449.2	272.7	193.4	156.8	138.1	125.5	113.5	103.5	95.4
-10°	1169.5	661.3	384.9	247.5	183.0	152.4	136.4	124.3	112.7	102.7	95.1
-12.5°	943.1	525.3	312.8	213.5	169.3	146.3	133.6	122.2	111.2	101.3	94.6
-15°	671.4	411.0	267.4	195.1	159.0	140.6	129.8	118.7	108.5	99.4	93.7
-17.5°	479.8	307.3	215.1	172.3	149.6	135.8	125.4	115.1	105.7	97.6	92.7
-20°	321.3	232.2	186.4	157.8	141.0	130.1	120.3	111.2	102.8	96.2	92.0



REPORT NUMBER: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	231.7	190.6	161.7	144.9	133.7	123.9	115.0	106.9	99.6	94.6	91.0
-25°	185.5	161.5	146.1	135.7	126.0	117.1	109.5	102.8	97.2	93.1	90.0
-27.5°	157.2	144.0	135.5	126.9	118.6	111.1	104.6	98.9	94.7	91.5	89.0
-30°	140.6	133.1	125.9	118.8	111.7	105.3	100.0	96.0	92.6	89.9	87.7
-32.5°	128.6	122.6	116.5	110.9	105.1	100.1	96.5	93.3	90.7	88.4	86.5
-35°	118.0	113.0	108.4	103.8	99.2	96.2	93.2	90.9	88.9	86.9	85.2
-37.5°	109.4	105.2	101.5	97.8	95.3	92.8	90.6	88.8	87.0	85.6	83.8
-40°	101.4	98.1	96.1	93.9	91.9	89.8	88.3	86.8	85.5	84.1	82.3
-42.5°	95.2	93.6	92.2	90.7	89.0	87.7	86.3	85.0	83.8	82.4	80.6
-45°	91.2	90.3	89.2	88.1	86.9	85.7	84.3	83.2	82.0	80.5	78.8
-47.5°	88.4	87.7	86.9	86.0	84.9	83.8	82.6	81.4	80.0	78.4	76.3
-50°	86.4	85.8	85.0	84.1	83.1	82.1	80.7	79.1	77.7	75.8	73.7
-52.5°	84.7	84.0	83.1	82.3	81.1	79.8	78.4	76.7	75.0	73.1	70.9
-55°	82.6	81.8	80.9	79.8	78.5	77.2	75.8	74.0	72.0	70.0	67.7
-57.5°	80.1	79.2	78.1	77.0	75.9	74.4	72.5	70.7	68.6	66.6	64.3
-60°	76.9	76.0	74.8	73.6	72.2	70.7	68.8	66.9	65.1	62.5	59.8
-62.5°	73.1	71.9	70.7	69.3	67.9	66.3	64.5	62.3	60.0	57.7	55.0
-65°	68.2	67.0	65.8	64.2	62.5	60.6	58.7	56.8	54.7	52.6	50.0
-67.5°	62.0	60.7	59.3	57.8	56.1	54.4	52.7	51.0	48.9	46.6	43.9
-70°	54.4	53.1	51.8	50.5	49.1	47.6	46.0	44.2	42.2	40.0	37.5
-72.5°	46.0	45.0	43.9	42.8	41.6	40.2	38.6	36.9	35.0	33.0	31.0
-75°	37.2	36.4	35.5	34.5	33.3	32.1	30.8	29.4	27.9	26.4	24.9
-77.5°	28.3	27.7	26.9	26.1	25.1	24.1	23.0	22.0	21.0	19.9	18.6
-80°	19.9	19.5	19.0	18.3	17.6	16.9	16.1	15.2	14.3	13.4	12.6
-82.5°	12.7	12.4	12.1	11.7	11.3	10.8	10.3	9.7	9.1	8.4	7.7
-85°	7.2	7.0	6.9	6.6	6.4	6.1	5.9	5.6	5.3	5.0	4.7
-87.5°	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.3
-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: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-TS-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°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0
85°	4.5	4.3	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9
82.5°	7.2	6.9	6.6	6.2	5.9	5.5	5.1	4.5	3.9	3.3	2.9
80°	11.8	11.1	10.2	9.4	8.6	7.8	7.3	6.7	5.8	5.0	4.1
77.5°	17.2	15.8	14.4	13.3	12.0	10.9	9.8	8.8	7.7	6.6	5.5
75°	23.1	21.3	19.5	17.7	15.8	13.9	12.4	11.1	9.7	8.2	6.9
72.5°	29.0	26.9	24.7	22.3	20.1	17.8	15.5	13.4	11.8	10.1	8.3
70°	35.0	32.5	30.0	27.3	24.5	21.8	19.1	16.5	13.9	12.0	10.0
67.5°	41.0	38.0	35.2	32.2	29.1	25.9	22.8	19.7	16.7	13.9	11.7
65°	46.9	43.6	40.2	37.0	33.6	30.1	26.5	22.9	19.5	16.3	13.3
62.5°	52.2	49.1	45.4	41.7	38.0	34.2	30.2	26.3	22.3	18.7	15.2
60°	57.0	53.8	50.4	46.5	42.4	38.3	34.0	29.5	25.2	21.0	17.2
57.5°	61.3	58.2	54.7	51.0	46.8	42.3	37.6	32.9	28.1	23.4	19.1
55°	65.2	62.1	58.8	55.0	50.9	46.2	41.3	36.1	30.9	25.9	21.0
52.5°	68.4	65.7	62.4	58.8	54.6	50.0	44.8	39.3	33.8	28.3	23.1
50°	71.4	68.8	65.7	62.1	58.2	53.4	48.3	42.5	36.6	30.7	25.2
47.5°	74.0	71.5	68.6	65.2	61.1	56.6	51.3	45.6	39.3	33.1	27.1
45°	76.4	74.0	71.2	67.9	64.0	59.4	54.2	48.5	42.0	35.4	29.0
42.5°	78.6	76.1	73.4	70.5	66.5	62.0	57.0	51.1	44.6	37.7	30.9
40°	80.3	78.0	75.5	72.5	68.8	64.6	59.3	53.5	47.1	39.8	32.8
37.5°	81.9	79.6	77.1	74.3	70.9	66.6	61.6	55.8	49.3	41.9	34.6
35°	83.2	81.1	78.6	75.8	72.5	68.5	63.7	57.9	51.2	43.9	36.2
32.5°	84.5	82.3	79.8	77.1	74.1	70.4	65.5	59.6	53.0	45.7	37.8
30°	85.6	83.3	80.9	78.2	75.4	71.7	67.0	61.3	54.7	47.4	39.3
27.5°	86.6	84.2	81.9	79.2	76.4	72.9	68.4	62.8	56.2	48.8	40.6
25°	87.4	84.9	82.6	80.1	77.2	74.1	69.7	64.2	57.5	50.1	41.9
22.5°	88.2	85.7	83.2	80.9	77.9	75.1	70.8	65.3	58.6	51.2	43.0
20°	89.0	86.3	83.7	81.5	78.6	75.7	71.6	66.2	59.7	52.2	44.0
17.5°	89.6	86.9	84.2	81.8	79.1	76.3	72.4	67.1	60.6	53.1	44.9
15°	90.1	87.3	84.6	82.1	79.6	76.7	73.1	67.8	61.3	53.9	45.6
12.5°	90.6	87.6	84.9	82.4	79.9	77.1	73.7	68.4	61.9	54.5	46.3
10°	91.0	87.7	85.2	82.5	80.1	77.4	74.2	68.9	62.4	55.0	46.8
7.5°	91.2	87.8	85.3	82.6	80.3	77.6	74.5	69.3	62.8	55.4	47.1
5°	91.4	87.9	85.5	82.8	80.5	77.7	74.6	69.5	63.0	55.6	47.4
2.5°	91.8	88.2	85.7	82.9	80.6	77.9	74.7	69.6	63.1	55.7	47.5
0°	92.1	88.5	85.7	82.9	80.6	77.9	74.6	69.6	63.1	55.7	47.5
-2.5°	91.8	88.2	85.7	82.9	80.6	77.9	74.7	69.6	63.1	55.7	47.5
-5°	91.4	87.9	85.5	82.8	80.5	77.7	74.6	69.5	63.0	55.6	47.4
-7.5°	91.2	87.8	85.3	82.6	80.3	77.6	74.5	69.3	62.8	55.4	47.1
-10°	91.0	87.7	85.2	82.5	80.1	77.4	74.2	68.9	62.4	55.0	46.8
-12.5°	90.6	87.6	84.9	82.4	79.9	77.1	73.7	68.4	61.9	54.5	46.3
-15°	90.1	87.3	84.6	82.1	79.6	76.7	73.1	67.8	61.3	53.9	45.6
-17.5°	89.6	86.9	84.2	81.8	79.1	76.3	72.4	67.1	60.6	53.1	44.9
-20°	89.0	86.3	83.7	81.5	78.6	75.7	71.6	66.2	59.7	52.2	44.0



REPORT NUMBER: P558568 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	88.2	85.7	83.2	80.9	77.9	75.1	70.8	65.3	58.6	51.2	43.0
-25°	87.4	84.9	82.6	80.1	77.2	74.1	69.7	64.2	57.5	50.1	41.9
-27.5°	86.6	84.2	81.9	79.2	76.4	72.9	68.4	62.8	56.2	48.8	40.6
-30°	85.6	83.3	80.9	78.2	75.4	71.7	67.0	61.3	54.7	47.4	39.3
-32.5°	84.5	82.3	79.8	77.1	74.1	70.4	65.5	59.6	53.0	45.7	37.8
-35°	83.2	81.1	78.6	75.8	72.5	68.5	63.7	57.9	51.2	43.9	36.2
-37.5°	81.9	79.6	77.1	74.3	70.9	66.6	61.6	55.8	49.3	41.9	34.6
-40°	80.3	78.0	75.5	72.5	68.8	64.6	59.3	53.5	47.1	39.8	32.8
-42.5°	78.6	76.1	73.4	70.5	66.5	62.0	57.0	51.1	44.6	37.7	30.9
-45°	76.4	74.0	71.2	67.9	64.0	59.4	54.2	48.5	42.0	35.4	29.0
-47.5°	74.0	71.5	68.6	65.2	61.1	56.6	51.3	45.6	39.3	33.1	27.1
-50°	71.4	68.8	65.7	62.1	58.2	53.4	48.3	42.5	36.6	30.7	25.2
-52.5°	68.4	65.7	62.4	58.8	54.6	50.0	44.8	39.3	33.8	28.3	23.1
-55°	65.2	62.1	58.8	55.0	50.9	46.2	41.3	36.1	30.9	25.9	21.0
-57.5°	61.3	58.2	54.7	51.0	46.8	42.3	37.6	32.9	28.1	23.4	19.1
-60°	57.0	53.8	50.4	46.5	42.4	38.3	34.0	29.5	25.2	21.0	17.2
-62.5°	52.2	49.1	45.4	41.7	38.0	34.2	30.2	26.3	22.3	18.7	15.2
-65°	46.9	43.6	40.2	37.0	33.6	30.1	26.5	22.9	19.5	16.3	13.3
-67.5°	41.0	38.0	35.2	32.2	29.1	25.9	22.8	19.7	16.7	13.9	11.7
-70°	35.0	32.5	30.0	27.3	24.5	21.8	19.1	16.5	13.9	12.0	10.0
-72.5°	29.0	26.9	24.7	22.3	20.1	17.8	15.5	13.4	11.8	10.1	8.3
-75°	23.1	21.3	19.5	17.7	15.8	13.9	12.4	11.1	9.7	8.2	6.9
-77.5°	17.2	15.8	14.4	13.3	12.0	10.9	9.8	8.8	7.7	6.6	5.5
-80°	11.8	11.1	10.2	9.4	8.6	7.8	7.3	6.7	5.8	5.0	4.1
-82.5°	7.2	6.9	6.6	6.2	5.9	5.5	5.1	4.5	3.9	3.3	2.9
-85°	4.5	4.3	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9
-87.5°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0
-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°	0.8	0.7	0.6	0.5	0.3	0.2	0.0
85°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
82.5°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
80°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
77.5°	4.5	3.7	3.0	2.3	1.6	0.8	0.0
75°	5.7	4.7	3.6	2.8	1.9	1.0	0.0
72.5°	6.8	5.6	4.4	3.2	2.2	1.1	0.0
70°	8.0	6.6	5.1	3.7	2.5	1.3	0.0
67.5°	9.5	7.5	5.9	4.3	2.8	1.4	0.0
65°	10.9	8.6	6.6	4.8	3.1	1.6	0.0
62.5°	12.3	9.7	7.4	5.4	3.4	1.7	0.0
60°	13.6	10.8	8.1	5.9	3.7	1.8	0.0
57.5°	15.3	11.9	8.9	6.4	4.0	2.0	0.0
55°	16.9	12.9	9.8	6.9	4.4	2.1	0.0
52.5°	18.4	14.0	10.6	7.4	4.7	2.3	0.0
50°	19.9	15.3	11.3	7.9	5.0	2.4	0.0
47.5°	21.4	16.5	12.1	8.4	5.3	2.5	0.0
45°	23.1	17.7	12.8	8.9	5.6	2.6	0.0
42.5°	24.6	18.8	13.5	9.4	5.9	2.7	0.0
40°	26.1	19.8	14.2	9.9	6.1	2.8	0.0
37.5°	27.5	20.9	15.0	10.4	6.4	2.9	0.0
35°	28.8	21.9	15.8	10.8	6.6	3.0	0.0
32.5°	30.0	22.9	16.5	11.2	6.9	3.1	0.0
30°	31.3	23.9	17.2	11.5	7.1	3.2	0.0
27.5°	32.4	24.8	17.8	11.8	7.3	3.3	0.0
25°	33.5	25.6	18.4	12.1	7.4	3.4	0.0
22.5°	34.4	26.3	18.9	12.4	7.6	3.4	0.0
20°	35.3	27.0	19.4	12.6	7.7	3.5	0.0
17.5°	36.1	27.6	19.8	12.8	7.9	3.5	0.0
15°	36.8	28.1	20.2	13.0	8.0	3.6	0.0
12.5°	37.4	28.5	20.5	13.2	8.1	3.6	0.0
10°	37.8	28.9	20.7	13.3	8.2	3.6	0.0
7.5°	38.2	29.1	20.9	13.3	8.2	3.7	0.0
5°	38.5	29.3	21.1	13.4	8.3	3.7	0.0
2.5°	38.6	29.5	21.2	13.4	8.3	3.7	0.0
0°	38.7	29.5	21.2	13.4	8.3	3.7	0.0
-2.5°	38.6	29.5	21.2	13.4	8.3	3.7	0.0
-5°	38.5	29.3	21.1	13.4	8.3	3.7	0.0
-7.5°	38.2	29.1	20.9	13.3	8.2	3.7	0.0
-10°	37.8	28.9	20.7	13.3	8.2	3.6	0.0
-12.5°	37.4	28.5	20.5	13.2	8.1	3.6	0.0
-15°	36.8	28.1	20.2	13.0	8.0	3.6	0.0
-17.5°	36.1	27.6	19.8	12.8	7.9	3.5	0.0
-20°	35.3	27.0	19.4	12.6	7.7	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.4	26.3	18.9	12.4	7.6	3.4	0.0
-25°	33.5	25.6	18.4	12.1	7.4	3.4	0.0
-27.5°	32.4	24.8	17.8	11.8	7.3	3.3	0.0
-30°	31.3	23.9	17.2	11.5	7.1	3.2	0.0
-32.5°	30.0	22.9	16.5	11.2	6.9	3.1	0.0
-35°	28.8	21.9	15.8	10.8	6.6	3.0	0.0
-37.5°	27.5	20.9	15.0	10.4	6.4	2.9	0.0
-40°	26.1	19.8	14.2	9.9	6.1	2.8	0.0
-42.5°	24.6	18.8	13.5	9.4	5.9	2.7	0.0
-45°	23.1	17.7	12.8	8.9	5.6	2.6	0.0
-47.5°	21.4	16.5	12.1	8.4	5.3	2.5	0.0
-50°	19.9	15.3	11.3	7.9	5.0	2.4	0.0
-52.5°	18.4	14.0	10.6	7.4	4.7	2.3	0.0
-55°	16.9	12.9	9.8	6.9	4.4	2.1	0.0
-57.5°	15.3	11.9	8.9	6.4	4.0	2.0	0.0
-60°	13.6	10.8	8.1	5.9	3.7	1.8	0.0
-62.5°	12.3	9.7	7.4	5.4	3.4	1.7	0.0
-65°	10.9	8.6	6.6	4.8	3.1	1.6	0.0
-67.5°	9.5	7.5	5.9	4.3	2.8	1.4	0.0
-70°	8.0	6.6	5.1	3.7	2.5	1.3	0.0
-72.5°	6.8	5.6	4.4	3.2	2.2	1.1	0.0
-75°	5.7	4.7	3.6	2.8	1.9	1.0	0.0
-77.5°	4.5	3.7	3.0	2.3	1.6	0.8	0.0
-80°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
-82.5°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
-85°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-87.5°	0.8	0.7	0.6	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)