

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: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558512 (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-SA1B-935-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

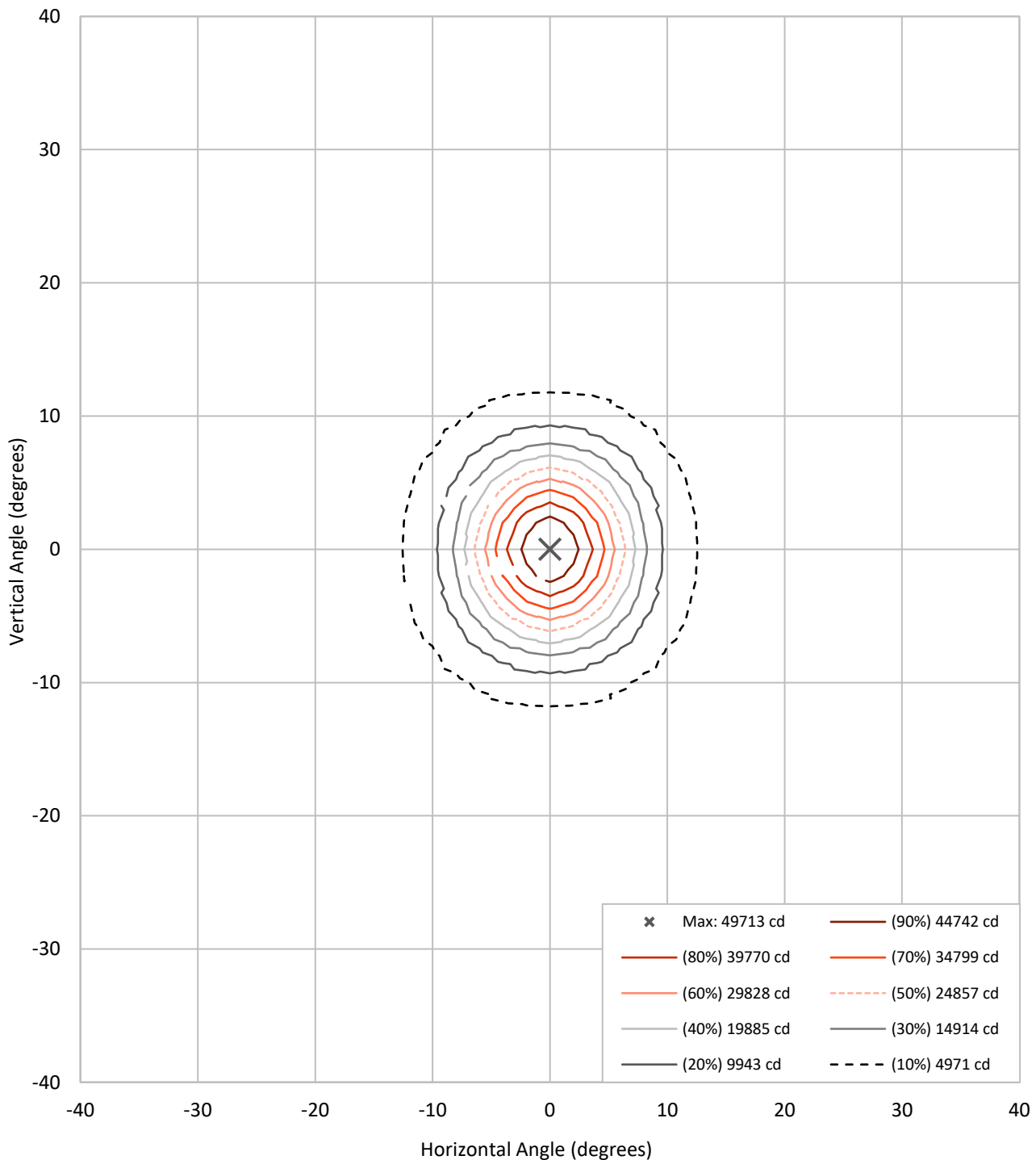
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	3603.5 lumens	Max Intensity:	49713 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1138.7 lumens	Field Lumens:	2522.5 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 33
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: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





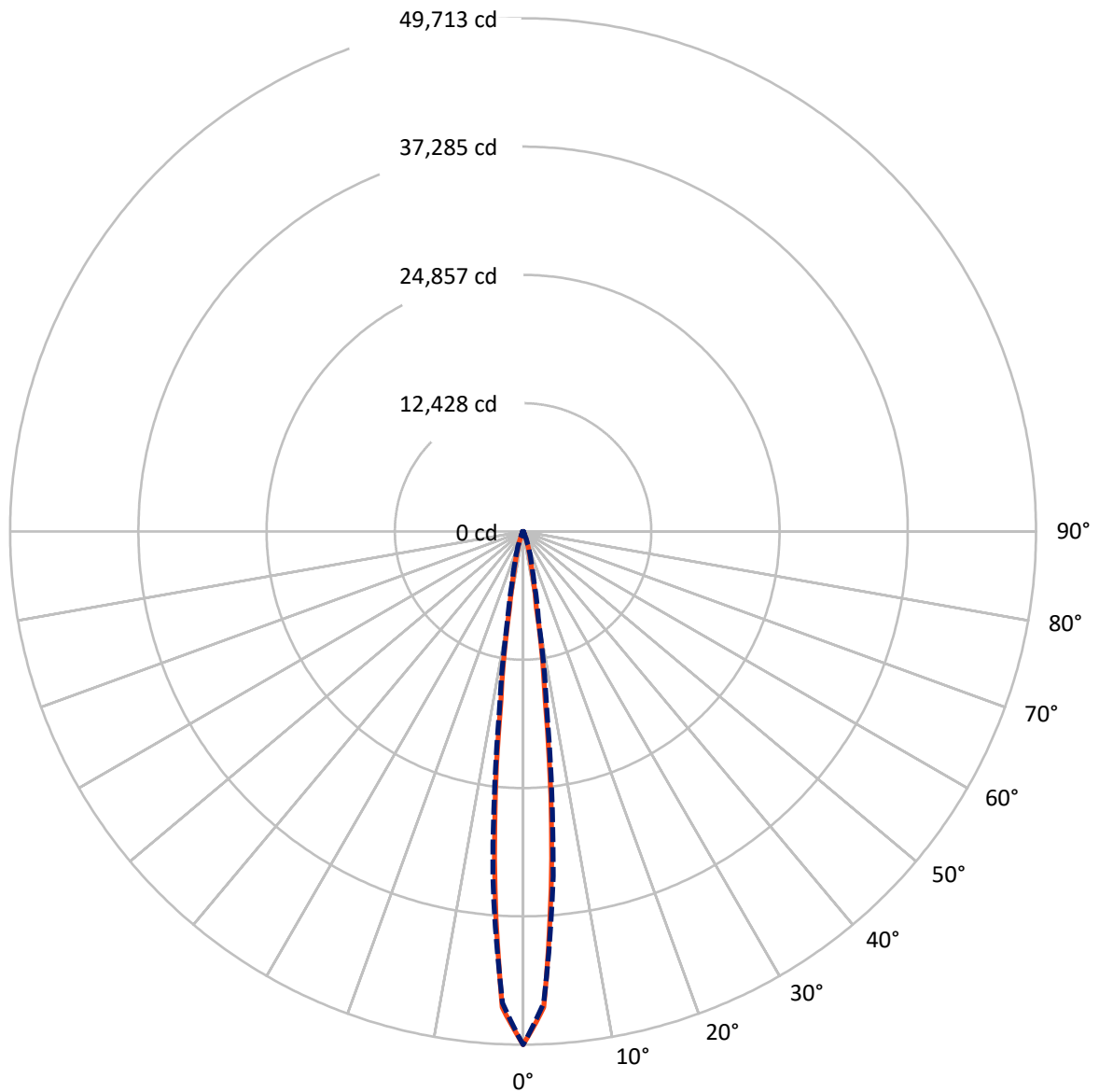
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Lumen Table

90	0.1	0.4		1.2		1.9		2.2		1.9		1.2		0.4		0.1
80	0.1	0.4		1.2		1.9		2.2		1.9		1.2		0.4		0.1
70	0.2	0.2	0.5	0.8	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.2	0.2
60		0.3	0.7	1.1	1.4	1.6	1.8	1.8	1.8	1.8	1.6	1.4	1.1	0.7	0.3	
50	0.3	0.5	0.9	1.2	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.2	0.9	0.5	0.3
40		0.5	1.0	1.3	1.7	2.2	2.8	3.1	3.1	2.8	2.2	1.7	1.3	1.0	0.5	
30	0.5	0.6	1.0	1.4	2.0	3.1	6.9	12.6	12.6	6.9	3.1	2.0	1.4	1.0	0.6	0.5
20		0.6	1.0	1.5	2.4	6.7	37.8	83.1	83.1	37.8	6.7	2.4	1.5	1.0	0.6	
10	0.5	0.6	1.1	1.5	2.6	12.8	90.7	586.8	586.8	90.7	12.8	2.6	1.5	1.1	0.6	0.5
0		0.6	1.1	1.5	2.6	12.8	90.7	586.8	586.8	90.7	12.8	2.6	1.5	1.1	0.6	
-10	0.5	0.6	1.0	1.5	2.4	6.7	37.8	83.1	83.1	37.8	6.7	2.4	1.5	1.0	0.6	0.5
-20		0.6	1.0	1.4	2.0	3.1	6.9	12.6	12.6	6.9	3.1	2.0	1.4	1.0	0.6	
-30	0.3	0.5	1.0	1.3	1.7	2.2	2.8	3.1	3.1	2.8	2.2	1.7	1.3	1.0	0.5	0.3
-40		0.5	0.9	1.2	1.5	1.8	2.0	2.1	2.1	2.0	1.8	1.5	1.2	0.9	0.5	
-50	0.2	0.3	0.7	1.1	1.4	1.6	1.8	1.8	1.8	1.8	1.6	1.4	1.1	0.7	0.3	0.2
-60		0.2	0.5	0.8	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.2	
-70	0.1	0.4		1.2		1.9		2.2		1.9		1.2		0.4		0.1
-80		0.4		1.2		1.9		2.2		1.9		1.2		0.4		
-90	0.1	0.4		1.2		1.9		2.2		1.9		1.2		0.4		0.1

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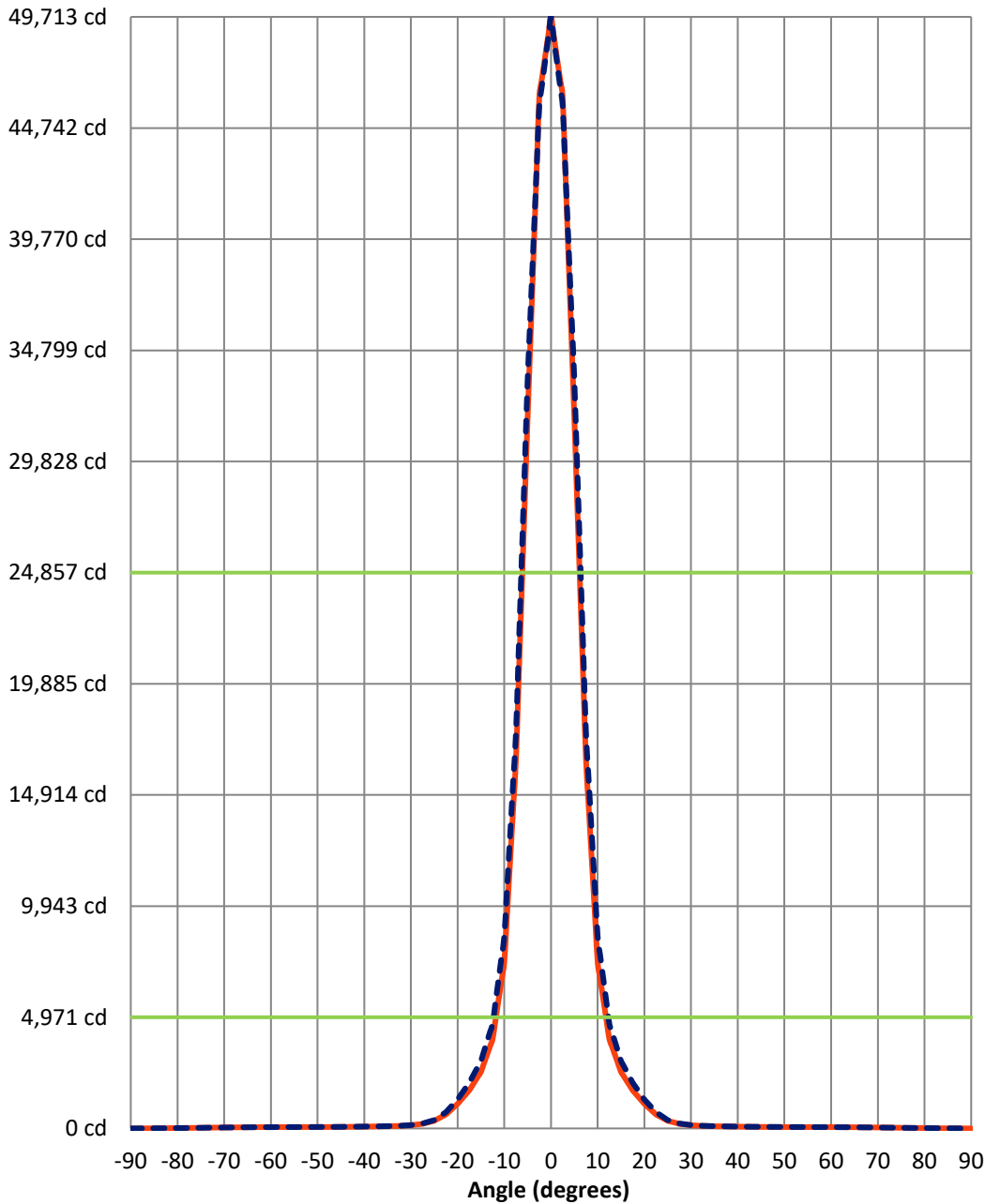
Luminous Intensity Polar Plot



— 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: 1138.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 2522.5
Efficiency: 70.0%

Spill:
Lumens: 1081
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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.8	1.9
82.5°	0.0	0.4	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.8	3.3
80°	0.0	0.5	0.9	1.4	1.7	2.1	2.4	3.0	3.6	4.2	4.8
77.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.3	4.0	4.8	5.6	6.4
75°	0.0	0.7	1.4	2.0	2.6	3.4	4.1	5.0	6.0	7.0	8.0
72.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.0	6.1	7.3	8.5	9.7
70°	0.0	0.9	1.8	2.7	3.7	4.8	5.9	7.3	8.7	10.0	11.9
67.5°	0.0	1.0	2.1	3.1	4.3	5.5	6.9	8.5	10.0	12.1	14.3
65°	0.0	1.1	2.3	3.5	4.8	6.2	7.9	9.7	11.8	14.2	16.7
62.5°	0.0	1.2	2.5	3.9	5.3	7.0	8.9	11.0	13.6	16.2	19.1
60°	0.0	1.3	2.7	4.3	5.9	7.8	9.9	12.5	15.2	18.4	21.5
57.5°	0.0	1.5	2.9	4.7	6.5	8.6	11.1	13.9	17.0	20.4	23.9
55°	0.0	1.5	3.2	5.0	7.1	9.4	12.2	15.3	18.9	22.5	26.2
52.5°	0.0	1.6	3.4	5.4	7.7	10.2	13.4	16.8	20.6	24.6	28.5
50°	0.0	1.7	3.6	5.7	8.2	11.1	14.5	18.3	22.4	26.6	30.8
47.5°	0.0	1.8	3.9	6.1	8.8	12.0	15.6	19.8	24.1	28.5	33.1
45°	0.0	1.9	4.1	6.5	9.3	12.8	16.8	21.1	25.7	30.5	35.3
42.5°	0.0	2.0	4.3	6.8	9.8	13.6	17.9	22.5	27.3	32.4	37.1
40°	0.0	2.1	4.5	7.2	10.3	14.4	19.0	23.8	28.9	34.2	38.9
37.5°	0.0	2.1	4.6	7.5	10.9	15.2	20.0	25.1	30.4	35.9	40.5
35°	0.0	2.2	4.8	7.8	11.5	15.9	20.9	26.3	31.8	37.2	42.0
32.5°	0.0	2.3	5.0	8.1	12.0	16.7	21.8	27.4	33.2	38.5	43.3
30°	0.0	2.3	5.1	8.3	12.5	17.3	22.7	28.5	34.4	39.7	44.5
27.5°	0.0	2.4	5.3	8.6	12.9	18.0	23.5	29.5	35.5	40.8	45.7
25°	0.0	2.4	5.4	8.8	13.3	18.6	24.3	30.4	36.4	41.8	46.7
22.5°	0.0	2.5	5.5	9.0	13.7	19.1	25.0	31.2	37.2	42.6	47.4
20°	0.0	2.5	5.6	9.2	14.1	19.6	25.6	31.9	37.9	43.3	48.1
17.5°	0.0	2.6	5.7	9.3	14.4	20.0	26.2	32.6	38.6	44.0	48.7
15°	0.0	2.6	5.8	9.4	14.6	20.4	26.7	33.1	39.1	44.5	49.3
12.5°	0.0	2.6	5.8	9.5	14.9	20.7	27.1	33.6	39.6	45.0	49.7
10°	0.0	2.7	5.9	9.6	15.1	20.9	27.5	34.0	40.0	45.4	50.1
7.5°	0.0	2.7	5.9	9.7	15.2	21.1	27.7	34.2	40.2	45.6	50.3
5°	0.0	2.7	6.0	9.7	15.3	21.3	27.9	34.4	40.4	45.8	50.5
2.5°	0.0	2.7	6.0	9.7	15.4	21.4	28.1	34.5	40.5	45.8	50.5
0°	0.0	2.7	6.0	9.7	15.4	21.4	28.1	34.5	40.5	45.8	50.5
-2.5°	0.0	2.7	6.0	9.7	15.4	21.4	28.1	34.5	40.5	45.8	50.5
-5°	0.0	2.7	6.0	9.7	15.3	21.3	27.9	34.4	40.4	45.8	50.5
-7.5°	0.0	2.7	5.9	9.7	15.2	21.1	27.7	34.2	40.2	45.6	50.3
-10°	0.0	2.7	5.9	9.6	15.1	20.9	27.5	34.0	40.0	45.4	50.1
-12.5°	0.0	2.6	5.8	9.5	14.9	20.7	27.1	33.6	39.6	45.0	49.7
-15°	0.0	2.6	5.8	9.4	14.6	20.4	26.7	33.1	39.1	44.5	49.3
-17.5°	0.0	2.6	5.7	9.3	14.4	20.0	26.2	32.6	38.6	44.0	48.7
-20°	0.0	2.5	5.6	9.2	14.1	19.6	25.6	31.9	37.9	43.3	48.1



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-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	2.5	5.5	9.0	13.7	19.1	25.0	31.2	37.2	42.6	47.4
-25°	0.0	2.4	5.4	8.8	13.3	18.6	24.3	30.4	36.4	41.8	46.7
-27.5°	0.0	2.4	5.3	8.6	12.9	18.0	23.5	29.5	35.5	40.8	45.7
-30°	0.0	2.3	5.1	8.3	12.5	17.3	22.7	28.5	34.4	39.7	44.5
-32.5°	0.0	2.3	5.0	8.1	12.0	16.7	21.8	27.4	33.2	38.5	43.3
-35°	0.0	2.2	4.8	7.8	11.5	15.9	20.9	26.3	31.8	37.2	42.0
-37.5°	0.0	2.1	4.6	7.5	10.9	15.2	20.0	25.1	30.4	35.9	40.5
-40°	0.0	2.1	4.5	7.2	10.3	14.4	19.0	23.8	28.9	34.2	38.9
-42.5°	0.0	2.0	4.3	6.8	9.8	13.6	17.9	22.5	27.3	32.4	37.1
-45°	0.0	1.9	4.1	6.5	9.3	12.8	16.8	21.1	25.7	30.5	35.3
-47.5°	0.0	1.8	3.9	6.1	8.8	12.0	15.6	19.8	24.1	28.5	33.1
-50°	0.0	1.7	3.6	5.7	8.2	11.1	14.5	18.3	22.4	26.6	30.8
-52.5°	0.0	1.6	3.4	5.4	7.7	10.2	13.4	16.8	20.6	24.6	28.5
-55°	0.0	1.5	3.2	5.0	7.1	9.4	12.2	15.3	18.9	22.5	26.2
-57.5°	0.0	1.5	2.9	4.7	6.5	8.6	11.1	13.9	17.0	20.4	23.9
-60°	0.0	1.3	2.7	4.3	5.9	7.8	9.9	12.5	15.2	18.4	21.5
-62.5°	0.0	1.2	2.5	3.9	5.3	7.0	8.9	11.0	13.6	16.2	19.1
-65°	0.0	1.1	2.3	3.5	4.8	6.2	7.9	9.7	11.8	14.2	16.7
-67.5°	0.0	1.0	2.1	3.1	4.3	5.5	6.9	8.5	10.0	12.1	14.3
-70°	0.0	0.9	1.8	2.7	3.7	4.8	5.9	7.3	8.7	10.0	11.9
-72.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.0	6.1	7.3	8.5	9.7
-75°	0.0	0.7	1.4	2.0	2.6	3.4	4.1	5.0	6.0	7.0	8.0
-77.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.3	4.0	4.8	5.6	6.4
-80°	0.0	0.5	0.9	1.4	1.7	2.1	2.4	3.0	3.6	4.2	4.8
-82.5°	0.0	0.4	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.8	3.3
-85°	0.0	0.2	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	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



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-TS-XX

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°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	2.1	2.3	2.5	2.8	3.0	3.1	3.3	3.4	3.6	3.8	4.1
82.5°	3.7	4.0	4.3	4.5	4.8	5.0	5.2	5.6	6.1	6.6	7.1
80°	5.3	5.7	6.2	6.8	7.5	8.0	8.6	9.1	9.7	10.4	11.1
77.5°	7.1	7.9	8.7	9.6	10.5	11.5	12.5	13.5	14.4	15.3	16.0
75°	9.0	10.1	11.5	12.9	14.2	15.5	16.8	18.1	19.2	20.3	21.3
72.5°	11.2	12.9	14.6	16.2	17.9	19.5	21.1	22.5	24.0	25.4	26.7
70°	13.9	15.8	17.8	19.8	21.8	23.6	25.4	27.2	29.0	30.6	32.0
67.5°	16.6	18.8	21.1	23.4	25.6	27.7	29.8	31.8	33.8	35.5	37.0
65°	19.3	21.8	24.4	26.9	29.3	31.7	34.0	36.3	38.2	39.8	41.3
62.5°	21.9	24.8	27.6	30.3	33.0	35.6	37.9	40.0	42.0	43.6	45.3
60°	24.6	27.8	30.8	33.8	36.6	39.0	41.4	43.5	45.4	47.3	48.6
57.5°	27.3	30.7	34.0	37.0	39.7	42.2	44.5	46.7	48.4	49.9	51.4
55°	29.9	33.6	36.9	39.9	42.7	45.1	47.4	49.2	50.9	52.3	53.8
52.5°	32.5	36.3	39.6	42.7	45.4	47.8	49.8	51.6	53.1	54.5	55.7
50°	35.1	38.8	42.2	45.1	47.8	50.0	51.9	53.6	55.1	56.4	57.5
47.5°	37.3	41.1	44.4	47.4	49.9	52.0	53.8	55.4	56.9	58.1	59.2
45°	39.4	43.2	46.6	49.3	51.8	53.7	55.5	57.2	58.5	59.6	60.4
42.5°	41.4	45.1	48.3	51.2	53.4	55.3	57.1	58.6	59.9	60.9	61.8
40°	43.1	46.9	50.0	52.6	54.9	56.7	58.3	59.8	61.1	62.1	63.0
37.5°	44.7	48.4	51.5	54.0	56.0	57.8	59.5	60.9	62.2	63.2	64.5
35°	46.3	49.8	52.7	55.1	57.1	58.9	60.5	61.9	63.1	64.6	66.1
32.5°	47.6	51.1	53.8	56.0	58.0	59.8	61.4	62.8	64.3	65.9	67.8
30°	48.7	52.1	54.8	56.8	58.8	60.5	62.2	63.8	65.3	67.3	69.7
27.5°	49.7	53.0	55.5	57.5	59.5	61.2	62.9	64.7	66.5	68.8	71.9
25°	50.7	53.8	56.1	58.2	60.0	61.7	63.5	65.3	67.7	70.7	74.7
22.5°	51.4	54.6	56.6	58.7	60.5	62.2	64.1	66.1	68.7	72.4	77.6
20°	52.1	55.1	57.1	59.2	60.8	62.7	64.6	66.8	69.9	74.6	80.7
17.5°	52.6	55.4	57.5	59.5	61.2	63.1	65.0	67.4	70.9	76.8	83.6
15°	53.1	55.8	57.8	59.7	61.4	63.4	65.5	68.1	72.2	78.8	86.2
12.5°	53.6	56.0	58.1	59.8	61.7	63.6	65.8	68.7	73.6	80.8	88.8
10°	53.9	56.2	58.2	59.9	61.8	63.7	66.1	69.1	74.6	81.9	90.3
7.5°	54.1	56.4	58.4	60.0	62.0	63.7	66.3	69.3	75.2	82.4	91.1
5°	54.2	56.5	58.5	60.1	62.1	63.8	66.4	69.3	75.5	82.5	91.4
2.5°	54.3	56.6	58.6	60.2	62.2	64.1	66.7	69.7	75.7	82.9	91.6
0°	54.2	56.6	58.6	60.2	62.2	64.3	66.9	69.9	75.6	83.3	91.7
-2.5°	54.3	56.6	58.6	60.2	62.2	64.1	66.7	69.7	75.7	82.9	91.6
-5°	54.2	56.5	58.5	60.1	62.1	63.8	66.4	69.3	75.5	82.5	91.4
-7.5°	54.1	56.4	58.4	60.0	62.0	63.7	66.3	69.3	75.2	82.4	91.1
-10°	53.9	56.2	58.2	59.9	61.8	63.7	66.1	69.1	74.6	81.9	90.3
-12.5°	53.6	56.0	58.1	59.8	61.7	63.6	65.8	68.7	73.6	80.8	88.8
-15°	53.1	55.8	57.8	59.7	61.4	63.4	65.5	68.1	72.2	78.8	86.2
-17.5°	52.6	55.4	57.5	59.5	61.2	63.1	65.0	67.4	70.9	76.8	83.6
-20°	52.1	55.1	57.1	59.2	60.8	62.7	64.6	66.8	69.9	74.6	80.7



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	51.4	54.6	56.6	58.7	60.5	62.2	64.1	66.1	68.7	72.4	77.6
-25°	50.7	53.8	56.1	58.2	60.0	61.7	63.5	65.3	67.7	70.7	74.7
-27.5°	49.7	53.0	55.5	57.5	59.5	61.2	62.9	64.7	66.5	68.8	71.9
-30°	48.7	52.1	54.8	56.8	58.8	60.5	62.2	63.8	65.3	67.3	69.7
-32.5°	47.6	51.1	53.8	56.0	58.0	59.8	61.4	62.8	64.3	65.9	67.8
-35°	46.3	49.8	52.7	55.1	57.1	58.9	60.5	61.9	63.1	64.6	66.1
-37.5°	44.7	48.4	51.5	54.0	56.0	57.8	59.5	60.9	62.2	63.2	64.5
-40°	43.1	46.9	50.0	52.6	54.9	56.7	58.3	59.8	61.1	62.1	63.0
-42.5°	41.4	45.1	48.3	51.2	53.4	55.3	57.1	58.6	59.9	60.9	61.8
-45°	39.4	43.2	46.6	49.3	51.8	53.7	55.5	57.2	58.5	59.6	60.4
-47.5°	37.3	41.1	44.4	47.4	49.9	52.0	53.8	55.4	56.9	58.1	59.2
-50°	35.1	38.8	42.2	45.1	47.8	50.0	51.9	53.6	55.1	56.4	57.5
-52.5°	32.5	36.3	39.6	42.7	45.4	47.8	49.8	51.6	53.1	54.5	55.7
-55°	29.9	33.6	36.9	39.9	42.7	45.1	47.4	49.2	50.9	52.3	53.8
-57.5°	27.3	30.7	34.0	37.0	39.7	42.2	44.5	46.7	48.4	49.9	51.4
-60°	24.6	27.8	30.8	33.8	36.6	39.0	41.4	43.5	45.4	47.3	48.6
-62.5°	21.9	24.8	27.6	30.3	33.0	35.6	37.9	40.0	42.0	43.6	45.3
-65°	19.3	21.8	24.4	26.9	29.3	31.7	34.0	36.3	38.2	39.8	41.3
-67.5°	16.6	18.8	21.1	23.4	25.6	27.7	29.8	31.8	33.8	35.5	37.0
-70°	13.9	15.8	17.8	19.8	21.8	23.6	25.4	27.2	29.0	30.6	32.0
-72.5°	11.2	12.9	14.6	16.2	17.9	19.5	21.1	22.5	24.0	25.4	26.7
-75°	9.0	10.1	11.5	12.9	14.2	15.5	16.8	18.1	19.2	20.3	21.3
-77.5°	7.1	7.9	8.7	9.6	10.5	11.5	12.5	13.5	14.4	15.3	16.0
-80°	5.3	5.7	6.2	6.8	7.5	8.0	8.6	9.1	9.7	10.4	11.1
-82.5°	3.7	4.0	4.3	4.5	4.8	5.0	5.2	5.6	6.1	6.6	7.1
-85°	2.1	2.3	2.5	2.8	3.0	3.1	3.3	3.4	3.6	3.8	4.1
-87.5°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	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: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.4	5.5	5.6
82.5°	7.5	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.6	9.7	9.8
80°	11.7	12.2	12.8	13.3	13.8	14.2	14.5	14.7	14.9	15.2	15.4
77.5°	16.7	17.5	18.3	19.0	19.6	20.1	20.6	20.9	21.3	21.7	22.1
75°	22.4	23.4	24.2	25.1	25.8	26.5	27.1	27.6	28.0	28.5	28.9
72.5°	28.0	29.2	30.2	31.1	31.9	32.6	33.4	34.1	34.8	35.2	35.6
70°	33.4	34.6	35.7	36.7	37.6	38.5	39.5	40.4	41.2	41.8	42.1
67.5°	38.3	39.5	40.8	42.0	43.1	44.1	45.1	45.9	46.7	47.3	47.6
65°	42.7	44.1	45.4	46.7	47.8	48.7	49.6	50.4	51.2	51.8	52.3
62.5°	46.8	48.1	49.3	50.4	51.4	52.2	53.1	53.9	54.5	55.1	55.7
60°	50.0	51.3	52.4	53.4	54.4	55.2	55.9	56.5	56.9	57.3	57.7
57.5°	52.7	54.0	55.1	55.9	56.8	57.6	58.2	58.5	58.8	59.0	59.1
55°	55.0	56.1	57.0	57.9	58.7	59.4	59.9	60.2	60.3	60.4	60.5
52.5°	56.9	57.9	58.9	59.8	60.4	61.0	61.5	61.6	61.7	61.7	61.7
50°	58.6	59.6	60.4	61.1	61.7	62.3	62.7	62.9	63.0	63.1	63.0
47.5°	60.0	60.8	61.7	62.4	63.1	63.7	64.2	64.5	64.7	64.8	64.8
45°	61.2	62.2	63.1	64.0	64.7	65.6	66.2	66.7	67.2	67.5	67.6
42.5°	62.7	63.7	64.6	65.8	67.0	68.0	69.1	70.1	71.2	72.3	73.0
40°	64.1	65.2	66.7	68.2	69.8	71.3	73.6	76.0	77.8	79.4	80.8
37.5°	65.8	67.4	69.2	71.1	73.7	76.4	79.4	82.4	85.0	87.3	89.2
35°	67.7	69.8	72.1	75.4	78.7	82.1	85.7	89.7	93.0	95.4	97.2
32.5°	70.1	72.7	76.3	80.5	84.7	89.0	93.4	97.8	101.1	104.5	107.9
30°	72.7	76.5	81.2	86.3	91.5	96.7	102.1	108.2	114.0	120.3	129.2
27.5°	76.0	80.7	86.1	92.2	98.4	104.6	114.2	124.6	140.2	152.6	173.6
25°	79.5	85.0	91.5	98.6	106.1	117.3	134.8	155.4	192.0	220.3	263.4
22.5°	83.5	89.9	97.2	105.2	117.4	138.5	168.3	221.4	295.1	368.0	449.0
20°	87.4	94.5	102.4	114.6	135.4	168.7	233.4	348.0	476.0	658.3	811.3
17.5°	91.1	98.7	108.6	125.2	156.3	223.3	348.6	544.9	812.2	1106.0	1351.1
15°	94.3	102.1	115.5	141.8	194.3	298.6	487.8	821.9	1271.1	1673.4	2032.1
12.5°	97.0	106.3	123.0	155.1	227.2	381.6	685.1	1159.5	1708.1	2272.2	2726.3
10°	99.1	110.7	132.9	179.8	279.6	480.5	849.6	1448.0	2108.6	2794.2	3615.0
7.5°	100.3	113.9	140.5	198.1	326.3	590.5	1056.0	1705.7	2464.2	3400.2	4654.2
5°	101.2	116.0	146.0	211.9	357.5	663.2	1186.3	1900.8	2771.0	4124.4	6705.2
2.5°	101.6	117.0	149.2	219.5	371.8	700.6	1277.9	2012.6	2957.7	4635.2	8126.1
0°	101.4	116.5	149.6	221.2	373.8	729.2	1293.2	2044.5	3020.7	4681.0	8581.6
-2.5°	101.6	117.0	149.2	219.5	371.8	700.6	1277.9	2012.6	2957.7	4635.2	8126.1
-5°	101.2	116.0	146.0	211.9	357.5	663.2	1186.3	1900.8	2771.0	4124.4	6705.2
-7.5°	100.3	113.9	140.5	198.1	326.3	590.5	1056.0	1705.7	2464.2	3400.2	4654.2
-10°	99.1	110.7	132.9	179.8	279.6	480.5	849.6	1448.0	2108.6	2794.2	3615.0
-12.5°	97.0	106.3	123.0	155.1	227.2	381.6	685.1	1159.5	1708.1	2272.2	2726.3
-15°	94.3	102.1	115.5	141.8	194.3	298.6	487.8	821.9	1271.1	1673.4	2032.1
-17.5°	91.1	98.7	108.6	125.2	156.3	223.3	348.6	544.9	812.2	1106.0	1351.1
-20°	87.4	94.5	102.4	114.6	135.4	168.7	233.4	348.0	476.0	658.3	811.3



REPORT NUMBER: P558512 (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°	83.5	89.9	97.2	105.2	117.4	138.5	168.3	221.4	295.1	368.0	449.0
-25°	79.5	85.0	91.5	98.6	106.1	117.3	134.8	155.4	192.0	220.3	263.4
-27.5°	76.0	80.7	86.1	92.2	98.4	104.6	114.2	124.6	140.2	152.6	173.6
-30°	72.7	76.5	81.2	86.3	91.5	96.7	102.1	108.2	114.0	120.3	129.2
-32.5°	70.1	72.7	76.3	80.5	84.7	89.0	93.4	97.8	101.1	104.5	107.9
-35°	67.7	69.8	72.1	75.4	78.7	82.1	85.7	89.7	93.0	95.4	97.2
-37.5°	65.8	67.4	69.2	71.1	73.7	76.4	79.4	82.4	85.0	87.3	89.2
-40°	64.1	65.2	66.7	68.2	69.8	71.3	73.6	76.0	77.8	79.4	80.8
-42.5°	62.7	63.7	64.6	65.8	67.0	68.0	69.1	70.1	71.2	72.3	73.0
-45°	61.2	62.2	63.1	64.0	64.7	65.6	66.2	66.7	67.2	67.5	67.6
-47.5°	60.0	60.8	61.7	62.4	63.1	63.7	64.2	64.5	64.7	64.8	64.8
-50°	58.6	59.6	60.4	61.1	61.7	62.3	62.7	62.9	63.0	63.1	63.0
-52.5°	56.9	57.9	58.9	59.8	60.4	61.0	61.5	61.6	61.7	61.7	61.7
-55°	55.0	56.1	57.0	57.9	58.7	59.4	59.9	60.2	60.3	60.4	60.5
-57.5°	52.7	54.0	55.1	55.9	56.8	57.6	58.2	58.5	58.8	59.0	59.1
-60°	50.0	51.3	52.4	53.4	54.4	55.2	55.9	56.5	56.9	57.3	57.7
-62.5°	46.8	48.1	49.3	50.4	51.4	52.2	53.1	53.9	54.5	55.1	55.7
-65°	42.7	44.1	45.4	46.7	47.8	48.7	49.6	50.4	51.2	51.8	52.3
-67.5°	38.3	39.5	40.8	42.0	43.1	44.1	45.1	45.9	46.7	47.3	47.6
-70°	33.4	34.6	35.7	36.7	37.6	38.5	39.5	40.4	41.2	41.8	42.1
-72.5°	28.0	29.2	30.2	31.1	31.9	32.6	33.4	34.1	34.8	35.2	35.6
-75°	22.4	23.4	24.2	25.1	25.8	26.5	27.1	27.6	28.0	28.5	28.9
-77.5°	16.7	17.5	18.3	19.0	19.6	20.1	20.6	20.9	21.3	21.7	22.1
-80°	11.7	12.2	12.8	13.3	13.8	14.2	14.5	14.7	14.9	15.2	15.4
-82.5°	7.5	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.6	9.7	9.8
-85°	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.4	5.5	5.6
-87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-TS-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4	5.4
82.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.7	9.6	9.4
80°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.4	15.2	14.9	14.7
77.5°	22.4	22.7	22.8	22.8	22.8	22.7	22.4	22.1	21.7	21.3	20.9
75°	29.1	29.3	29.5	29.5	29.5	29.3	29.1	28.9	28.5	28.0	27.6
72.5°	35.8	35.9	36.2	36.5	36.2	35.9	35.8	35.6	35.2	34.8	34.1
70°	42.2	42.3	42.6	42.8	42.6	42.3	42.2	42.1	41.8	41.2	40.4
67.5°	47.8	48.0	48.0	47.9	48.0	48.0	47.8	47.6	47.3	46.7	45.9
65°	52.7	53.0	53.0	52.9	53.0	53.0	52.7	52.3	51.8	51.2	50.4
62.5°	56.2	56.7	56.9	56.9	56.9	56.7	56.2	55.7	55.1	54.5	53.9
60°	57.9	58.1	58.2	58.2	58.2	58.1	57.9	57.7	57.3	56.9	56.5
57.5°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.1	59.0	58.8	58.5
55°	60.5	60.5	60.4	60.2	60.4	60.5	60.5	60.5	60.4	60.3	60.2
52.5°	61.7	61.6	61.4	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.6
50°	62.9	62.7	62.6	62.6	62.6	62.7	62.9	63.0	63.1	63.0	62.9
47.5°	64.8	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.7	64.5
45°	67.7	67.6	67.5	67.6	67.5	67.6	67.7	67.6	67.5	67.2	66.7
42.5°	73.4	73.5	73.5	73.6	73.5	73.5	73.4	73.0	72.3	71.2	70.1
40°	81.3	81.3	81.0	81.0	81.0	81.3	81.3	80.8	79.4	77.8	76.0
37.5°	90.0	90.0	89.7	89.7	89.7	90.0	90.0	89.2	87.3	85.0	82.4
35°	98.1	98.4	98.4	98.1	98.4	98.4	98.1	97.2	95.4	93.0	89.7
32.5°	110.3	112.2	113.2	112.8	113.2	112.2	110.3	107.9	104.5	101.1	97.8
30°	134.8	139.6	142.1	143.2	142.1	139.6	134.8	129.2	120.3	114.0	108.2
27.5°	188.7	199.3	204.1	205.8	204.1	199.3	188.7	173.6	152.6	140.2	124.6
25°	301.0	325.0	336.9	340.7	336.9	325.0	301.0	263.4	220.3	192.0	155.4
22.5°	538.2	584.5	616.1	623.2	616.1	584.5	538.2	449.0	368.0	295.1	221.4
20°	965.1	1054.5	1103.1	1098.7	1103.1	1054.5	965.1	811.3	658.3	476.0	348.0
17.5°	1559.3	1674.0	1728.7	1703.1	1728.7	1674.0	1559.3	1351.1	1106.0	812.2	544.9
15°	2285.9	2440.9	2508.5	2529.4	2508.5	2440.9	2285.9	2032.1	1673.4	1271.1	821.9
12.5°	3179.5	3687.8	3930.8	3996.0	3930.8	3687.8	3179.5	2726.3	2272.2	1708.1	1159.5
10°	4454.6	6163.0	7179.2	7427.3	7179.2	6163.0	4454.6	3615.0	2794.2	2108.6	1448.0
7.5°	7274.7	10746.4	14635.5	16477.2	14635.5	10746.4	7274.7	4654.2	3400.2	2464.2	1705.7
5°	11093.9	19254.2	28258.7	31788.7	28258.7	19254.2	11093.9	6705.2	4124.4	2771.0	1900.8
2.5°	15736.7	29072.4	41514.5	46152.6	41514.5	29072.4	15736.7	8126.1	4635.2	2957.7	2012.6
0°	17698.3	33517.3	45740.0	49713.0	45740.0	33517.3	17698.3	8581.6	4681.0	3020.7	2044.5
-2.5°	15736.7	29072.4	41514.5	46152.6	41514.5	29072.4	15736.7	8126.1	4635.2	2957.7	2012.6
-5°	11093.9	19254.2	28258.7	31788.7	28258.7	19254.2	11093.9	6705.2	4124.4	2771.0	1900.8
-7.5°	7274.7	10746.4	14635.5	16477.2	14635.5	10746.4	7274.7	4654.2	3400.2	2464.2	1705.7
-10°	4454.6	6163.0	7179.2	7427.3	7179.2	6163.0	4454.6	3615.0	2794.2	2108.6	1448.0
-12.5°	3179.5	3687.8	3930.8	3996.0	3930.8	3687.8	3179.5	2726.3	2272.2	1708.1	1159.5
-15°	2285.9	2440.9	2508.5	2529.4	2508.5	2440.9	2285.9	2032.1	1673.4	1271.1	821.9
-17.5°	1559.3	1674.0	1728.7	1703.1	1728.7	1674.0	1559.3	1351.1	1106.0	812.2	544.9
-20°	965.1	1054.5	1103.1	1098.7	1103.1	1054.5	965.1	811.3	658.3	476.0	348.0



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-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°	538.2	584.5	616.1	623.2	616.1	584.5	538.2	449.0	368.0	295.1	221.4
-25°	301.0	325.0	336.9	340.7	336.9	325.0	301.0	263.4	220.3	192.0	155.4
-27.5°	188.7	199.3	204.1	205.8	204.1	199.3	188.7	173.6	152.6	140.2	124.6
-30°	134.8	139.6	142.1	143.2	142.1	139.6	134.8	129.2	120.3	114.0	108.2
-32.5°	110.3	112.2	113.2	112.8	113.2	112.2	110.3	107.9	104.5	101.1	97.8
-35°	98.1	98.4	98.4	98.1	98.4	98.4	98.1	97.2	95.4	93.0	89.7
-37.5°	90.0	90.0	89.7	89.7	89.7	90.0	90.0	89.2	87.3	85.0	82.4
-40°	81.3	81.3	81.0	81.0	81.0	81.3	81.3	80.8	79.4	77.8	76.0
-42.5°	73.4	73.5	73.5	73.6	73.5	73.5	73.4	73.0	72.3	71.2	70.1
-45°	67.7	67.6	67.5	67.6	67.5	67.6	67.7	67.6	67.5	67.2	66.7
-47.5°	64.8	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.7	64.5
-50°	62.9	62.7	62.6	62.6	62.6	62.7	62.9	63.0	63.1	63.0	62.9
-52.5°	61.7	61.6	61.4	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.6
-55°	60.5	60.5	60.4	60.2	60.4	60.5	60.5	60.5	60.4	60.3	60.2
-57.5°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.1	59.0	58.8	58.5
-60°	57.9	58.1	58.2	58.2	58.2	58.1	57.9	57.7	57.3	56.9	56.5
-62.5°	56.2	56.7	56.9	56.9	56.9	56.7	56.2	55.7	55.1	54.5	53.9
-65°	52.7	53.0	53.0	52.9	53.0	53.0	52.7	52.3	51.8	51.2	50.4
-67.5°	47.8	48.0	48.0	47.9	48.0	48.0	47.8	47.6	47.3	46.7	45.9
-70°	42.2	42.3	42.6	42.8	42.6	42.3	42.2	42.1	41.8	41.2	40.4
-72.5°	35.8	35.9	36.2	36.5	36.2	35.9	35.8	35.6	35.2	34.8	34.1
-75°	29.1	29.3	29.5	29.5	29.5	29.3	29.1	28.9	28.5	28.0	27.6
-77.5°	22.4	22.7	22.8	22.8	22.8	22.7	22.4	22.1	21.7	21.3	20.9
-80°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.4	15.2	14.9	14.7
-82.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.7	9.6	9.4
-85°	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4	5.4
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	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: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-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°	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.6
85°	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.8	3.6	3.4
82.5°	9.2	9.0	8.8	8.5	8.2	7.9	7.5	7.1	6.6	6.1	5.6
80°	14.5	14.2	13.8	13.3	12.8	12.2	11.7	11.1	10.4	9.7	9.1
77.5°	20.6	20.1	19.6	19.0	18.3	17.5	16.7	16.0	15.3	14.4	13.5
75°	27.1	26.5	25.8	25.1	24.2	23.4	22.4	21.3	20.3	19.2	18.1
72.5°	33.4	32.6	31.9	31.1	30.2	29.2	28.0	26.7	25.4	24.0	22.5
70°	39.5	38.5	37.6	36.7	35.7	34.6	33.4	32.0	30.6	29.0	27.2
67.5°	45.1	44.1	43.1	42.0	40.8	39.5	38.3	37.0	35.5	33.8	31.8
65°	49.6	48.7	47.8	46.7	45.4	44.1	42.7	41.3	39.8	38.2	36.3
62.5°	53.1	52.2	51.4	50.4	49.3	48.1	46.8	45.3	43.6	42.0	40.0
60°	55.9	55.2	54.4	53.4	52.4	51.3	50.0	48.6	47.3	45.4	43.5
57.5°	58.2	57.6	56.8	55.9	55.1	54.0	52.7	51.4	49.9	48.4	46.7
55°	59.9	59.4	58.7	57.9	57.0	56.1	55.0	53.8	52.3	50.9	49.2
52.5°	61.5	61.0	60.4	59.8	58.9	57.9	56.9	55.7	54.5	53.1	51.6
50°	62.7	62.3	61.7	61.1	60.4	59.6	58.6	57.5	56.4	55.1	53.6
47.5°	64.2	63.7	63.1	62.4	61.7	60.8	60.0	59.2	58.1	56.9	55.4
45°	66.2	65.6	64.7	64.0	63.1	62.2	61.2	60.4	59.6	58.5	57.2
42.5°	69.1	68.0	67.0	65.8	64.6	63.7	62.7	61.8	60.9	59.9	58.6
40°	73.6	71.3	69.8	68.2	66.7	65.2	64.1	63.0	62.1	61.1	59.8
37.5°	79.4	76.4	73.7	71.1	69.2	67.4	65.8	64.5	63.2	62.2	60.9
35°	85.7	82.1	78.7	75.4	72.1	69.8	67.7	66.1	64.6	63.1	61.9
32.5°	93.4	89.0	84.7	80.5	76.3	72.7	70.1	67.8	65.9	64.3	62.8
30°	102.1	96.7	91.5	86.3	81.2	76.5	72.7	69.7	67.3	65.3	63.8
27.5°	114.2	104.6	98.4	92.2	86.1	80.7	76.0	71.9	68.8	66.5	64.7
25°	134.8	117.3	106.1	98.6	91.5	85.0	79.5	74.7	70.7	67.7	65.3
22.5°	168.3	138.5	117.4	105.2	97.2	89.9	83.5	77.6	72.4	68.7	66.1
20°	233.4	168.7	135.4	114.6	102.4	94.5	87.4	80.7	74.6	69.9	66.8
17.5°	348.6	223.3	156.3	125.2	108.6	98.7	91.1	83.6	76.8	70.9	67.4
15°	487.8	298.6	194.3	141.8	115.5	102.1	94.3	86.2	78.8	72.2	68.1
12.5°	685.1	381.6	227.2	155.1	123.0	106.3	97.0	88.8	80.8	73.6	68.7
10°	849.6	480.5	279.6	179.8	132.9	110.7	99.1	90.3	81.9	74.6	69.1
7.5°	1056.0	590.5	326.3	198.1	140.5	113.9	100.3	91.1	82.4	75.2	69.3
5°	1186.3	663.2	357.5	211.9	146.0	116.0	101.2	91.4	82.5	75.5	69.3
2.5°	1277.9	700.6	371.8	219.5	149.2	117.0	101.6	91.6	82.9	75.7	69.7
0°	1293.2	729.2	373.8	221.2	149.6	116.5	101.4	91.7	83.3	75.6	69.9
-2.5°	1277.9	700.6	371.8	219.5	149.2	117.0	101.6	91.6	82.9	75.7	69.7
-5°	1186.3	663.2	357.5	211.9	146.0	116.0	101.2	91.4	82.5	75.5	69.3
-7.5°	1056.0	590.5	326.3	198.1	140.5	113.9	100.3	91.1	82.4	75.2	69.3
-10°	849.6	480.5	279.6	179.8	132.9	110.7	99.1	90.3	81.9	74.6	69.1
-12.5°	685.1	381.6	227.2	155.1	123.0	106.3	97.0	88.8	80.8	73.6	68.7
-15°	487.8	298.6	194.3	141.8	115.5	102.1	94.3	86.2	78.8	72.2	68.1
-17.5°	348.6	223.3	156.3	125.2	108.6	98.7	91.1	83.6	76.8	70.9	67.4
-20°	233.4	168.7	135.4	114.6	102.4	94.5	87.4	80.7	74.6	69.9	66.8



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	168.3	138.5	117.4	105.2	97.2	89.9	83.5	77.6	72.4	68.7	66.1
-25°	134.8	117.3	106.1	98.6	91.5	85.0	79.5	74.7	70.7	67.7	65.3
-27.5°	114.2	104.6	98.4	92.2	86.1	80.7	76.0	71.9	68.8	66.5	64.7
-30°	102.1	96.7	91.5	86.3	81.2	76.5	72.7	69.7	67.3	65.3	63.8
-32.5°	93.4	89.0	84.7	80.5	76.3	72.7	70.1	67.8	65.9	64.3	62.8
-35°	85.7	82.1	78.7	75.4	72.1	69.8	67.7	66.1	64.6	63.1	61.9
-37.5°	79.4	76.4	73.7	71.1	69.2	67.4	65.8	64.5	63.2	62.2	60.9
-40°	73.6	71.3	69.8	68.2	66.7	65.2	64.1	63.0	62.1	61.1	59.8
-42.5°	69.1	68.0	67.0	65.8	64.6	63.7	62.7	61.8	60.9	59.9	58.6
-45°	66.2	65.6	64.7	64.0	63.1	62.2	61.2	60.4	59.6	58.5	57.2
-47.5°	64.2	63.7	63.1	62.4	61.7	60.8	60.0	59.2	58.1	56.9	55.4
-50°	62.7	62.3	61.7	61.1	60.4	59.6	58.6	57.5	56.4	55.1	53.6
-52.5°	61.5	61.0	60.4	59.8	58.9	57.9	56.9	55.7	54.5	53.1	51.6
-55°	59.9	59.4	58.7	57.9	57.0	56.1	55.0	53.8	52.3	50.9	49.2
-57.5°	58.2	57.6	56.8	55.9	55.1	54.0	52.7	51.4	49.9	48.4	46.7
-60°	55.9	55.2	54.4	53.4	52.4	51.3	50.0	48.6	47.3	45.4	43.5
-62.5°	53.1	52.2	51.4	50.4	49.3	48.1	46.8	45.3	43.6	42.0	40.0
-65°	49.6	48.7	47.8	46.7	45.4	44.1	42.7	41.3	39.8	38.2	36.3
-67.5°	45.1	44.1	43.1	42.0	40.8	39.5	38.3	37.0	35.5	33.8	31.8
-70°	39.5	38.5	37.6	36.7	35.7	34.6	33.4	32.0	30.6	29.0	27.2
-72.5°	33.4	32.6	31.9	31.1	30.2	29.2	28.0	26.7	25.4	24.0	22.5
-75°	27.1	26.5	25.8	25.1	24.2	23.4	22.4	21.3	20.3	19.2	18.1
-77.5°	20.6	20.1	19.6	19.0	18.3	17.5	16.7	16.0	15.3	14.4	13.5
-80°	14.5	14.2	13.8	13.3	12.8	12.2	11.7	11.1	10.4	9.7	9.1
-82.5°	9.2	9.0	8.8	8.5	8.2	7.9	7.5	7.1	6.6	6.1	5.6
-85°	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.8	3.6	3.4
-87.5°	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.6
-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: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-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°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
85°	3.3	3.1	3.0	2.8	2.5	2.3	2.1	1.9	1.8	1.6	1.4
82.5°	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.3	2.8	2.4	2.1
80°	8.6	8.0	7.5	6.8	6.2	5.7	5.3	4.8	4.2	3.6	3.0
77.5°	12.5	11.5	10.5	9.6	8.7	7.9	7.1	6.4	5.6	4.8	4.0
75°	16.8	15.5	14.2	12.9	11.5	10.1	9.0	8.0	7.0	6.0	5.0
72.5°	21.1	19.5	17.9	16.2	14.6	12.9	11.2	9.7	8.5	7.3	6.1
70°	25.4	23.6	21.8	19.8	17.8	15.8	13.9	11.9	10.0	8.7	7.3
67.5°	29.8	27.7	25.6	23.4	21.1	18.8	16.6	14.3	12.1	10.0	8.5
65°	34.0	31.7	29.3	26.9	24.4	21.8	19.3	16.7	14.2	11.8	9.7
62.5°	37.9	35.6	33.0	30.3	27.6	24.8	21.9	19.1	16.2	13.6	11.0
60°	41.4	39.0	36.6	33.8	30.8	27.8	24.6	21.5	18.4	15.2	12.5
57.5°	44.5	42.2	39.7	37.0	34.0	30.7	27.3	23.9	20.4	17.0	13.9
55°	47.4	45.1	42.7	39.9	36.9	33.6	29.9	26.2	22.5	18.9	15.3
52.5°	49.8	47.8	45.4	42.7	39.6	36.3	32.5	28.5	24.6	20.6	16.8
50°	51.9	50.0	47.8	45.1	42.2	38.8	35.1	30.8	26.6	22.4	18.3
47.5°	53.8	52.0	49.9	47.4	44.4	41.1	37.3	33.1	28.5	24.1	19.8
45°	55.5	53.7	51.8	49.3	46.6	43.2	39.4	35.3	30.5	25.7	21.1
42.5°	57.1	55.3	53.4	51.2	48.3	45.1	41.4	37.1	32.4	27.3	22.5
40°	58.3	56.7	54.9	52.6	50.0	46.9	43.1	38.9	34.2	28.9	23.8
37.5°	59.5	57.8	56.0	54.0	51.5	48.4	44.7	40.5	35.9	30.4	25.1
35°	60.5	58.9	57.1	55.1	52.7	49.8	46.3	42.0	37.2	31.8	26.3
32.5°	61.4	59.8	58.0	56.0	53.8	51.1	47.6	43.3	38.5	33.2	27.4
30°	62.2	60.5	58.8	56.8	54.8	52.1	48.7	44.5	39.7	34.4	28.5
27.5°	62.9	61.2	59.5	57.5	55.5	53.0	49.7	45.7	40.8	35.5	29.5
25°	63.5	61.7	60.0	58.2	56.1	53.8	50.7	46.7	41.8	36.4	30.4
22.5°	64.1	62.2	60.5	58.7	56.6	54.6	51.4	47.4	42.6	37.2	31.2
20°	64.6	62.7	60.8	59.2	57.1	55.1	52.1	48.1	43.3	37.9	31.9
17.5°	65.0	63.1	61.2	59.5	57.5	55.4	52.6	48.7	44.0	38.6	32.6
15°	65.5	63.4	61.4	59.7	57.8	55.8	53.1	49.3	44.5	39.1	33.1
12.5°	65.8	63.6	61.7	59.8	58.1	56.0	53.6	49.7	45.0	39.6	33.6
10°	66.1	63.7	61.8	59.9	58.2	56.2	53.9	50.1	45.4	40.0	34.0
7.5°	66.3	63.7	62.0	60.0	58.4	56.4	54.1	50.3	45.6	40.2	34.2
5°	66.4	63.8	62.1	60.1	58.5	56.5	54.2	50.5	45.8	40.4	34.4
2.5°	66.7	64.1	62.2	60.2	58.6	56.6	54.3	50.5	45.8	40.5	34.5
0°	66.9	64.3	62.2	60.2	58.6	56.6	54.2	50.5	45.8	40.5	34.5
-2.5°	66.7	64.1	62.2	60.2	58.6	56.6	54.3	50.5	45.8	40.5	34.5
-5°	66.4	63.8	62.1	60.1	58.5	56.5	54.2	50.5	45.8	40.4	34.4
-7.5°	66.3	63.7	62.0	60.0	58.4	56.4	54.1	50.3	45.6	40.2	34.2
-10°	66.1	63.7	61.8	59.9	58.2	56.2	53.9	50.1	45.4	40.0	34.0
-12.5°	65.8	63.6	61.7	59.8	58.1	56.0	53.6	49.7	45.0	39.6	33.6
-15°	65.5	63.4	61.4	59.7	57.8	55.8	53.1	49.3	44.5	39.1	33.1
-17.5°	65.0	63.1	61.2	59.5	57.5	55.4	52.6	48.7	44.0	38.6	32.6
-20°	64.6	62.7	60.8	59.2	57.1	55.1	52.1	48.1	43.3	37.9	31.9



REPORT NUMBER: P558512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-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°	64.1	62.2	60.5	58.7	56.6	54.6	51.4	47.4	42.6	37.2	31.2
-25°	63.5	61.7	60.0	58.2	56.1	53.8	50.7	46.7	41.8	36.4	30.4
-27.5°	62.9	61.2	59.5	57.5	55.5	53.0	49.7	45.7	40.8	35.5	29.5
-30°	62.2	60.5	58.8	56.8	54.8	52.1	48.7	44.5	39.7	34.4	28.5
-32.5°	61.4	59.8	58.0	56.0	53.8	51.1	47.6	43.3	38.5	33.2	27.4
-35°	60.5	58.9	57.1	55.1	52.7	49.8	46.3	42.0	37.2	31.8	26.3
-37.5°	59.5	57.8	56.0	54.0	51.5	48.4	44.7	40.5	35.9	30.4	25.1
-40°	58.3	56.7	54.9	52.6	50.0	46.9	43.1	38.9	34.2	28.9	23.8
-42.5°	57.1	55.3	53.4	51.2	48.3	45.1	41.4	37.1	32.4	27.3	22.5
-45°	55.5	53.7	51.8	49.3	46.6	43.2	39.4	35.3	30.5	25.7	21.1
-47.5°	53.8	52.0	49.9	47.4	44.4	41.1	37.3	33.1	28.5	24.1	19.8
-50°	51.9	50.0	47.8	45.1	42.2	38.8	35.1	30.8	26.6	22.4	18.3
-52.5°	49.8	47.8	45.4	42.7	39.6	36.3	32.5	28.5	24.6	20.6	16.8
-55°	47.4	45.1	42.7	39.9	36.9	33.6	29.9	26.2	22.5	18.9	15.3
-57.5°	44.5	42.2	39.7	37.0	34.0	30.7	27.3	23.9	20.4	17.0	13.9
-60°	41.4	39.0	36.6	33.8	30.8	27.8	24.6	21.5	18.4	15.2	12.5
-62.5°	37.9	35.6	33.0	30.3	27.6	24.8	21.9	19.1	16.2	13.6	11.0
-65°	34.0	31.7	29.3	26.9	24.4	21.8	19.3	16.7	14.2	11.8	9.7
-67.5°	29.8	27.7	25.6	23.4	21.1	18.8	16.6	14.3	12.1	10.0	8.5
-70°	25.4	23.6	21.8	19.8	17.8	15.8	13.9	11.9	10.0	8.7	7.3
-72.5°	21.1	19.5	17.9	16.2	14.6	12.9	11.2	9.7	8.5	7.3	6.1
-75°	16.8	15.5	14.2	12.9	11.5	10.1	9.0	8.0	7.0	6.0	5.0
-77.5°	12.5	11.5	10.5	9.6	8.7	7.9	7.1	6.4	5.6	4.8	4.0
-80°	8.6	8.0	7.5	6.8	6.2	5.7	5.3	4.8	4.2	3.6	3.0
-82.5°	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.3	2.8	2.4	2.1
-85°	3.3	3.1	3.0	2.8	2.5	2.3	2.1	1.9	1.8	1.6	1.4
-87.5°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.9	0.7	0.5	0.2	0.0
82.5°	1.8	1.6	1.3	1.0	0.7	0.4	0.0
80°	2.4	2.1	1.7	1.4	0.9	0.5	0.0
77.5°	3.3	2.7	2.2	1.7	1.2	0.6	0.0
75°	4.1	3.4	2.6	2.0	1.4	0.7	0.0
72.5°	5.0	4.1	3.2	2.4	1.6	0.8	0.0
70°	5.9	4.8	3.7	2.7	1.8	0.9	0.0
67.5°	6.9	5.5	4.3	3.1	2.1	1.0	0.0
65°	7.9	6.2	4.8	3.5	2.3	1.1	0.0
62.5°	8.9	7.0	5.3	3.9	2.5	1.2	0.0
60°	9.9	7.8	5.9	4.3	2.7	1.3	0.0
57.5°	11.1	8.6	6.5	4.7	2.9	1.5	0.0
55°	12.2	9.4	7.1	5.0	3.2	1.5	0.0
52.5°	13.4	10.2	7.7	5.4	3.4	1.6	0.0
50°	14.5	11.1	8.2	5.7	3.6	1.7	0.0
47.5°	15.6	12.0	8.8	6.1	3.9	1.8	0.0
45°	16.8	12.8	9.3	6.5	4.1	1.9	0.0
42.5°	17.9	13.6	9.8	6.8	4.3	2.0	0.0
40°	19.0	14.4	10.3	7.2	4.5	2.1	0.0
37.5°	20.0	15.2	10.9	7.5	4.6	2.1	0.0
35°	20.9	15.9	11.5	7.8	4.8	2.2	0.0
32.5°	21.8	16.7	12.0	8.1	5.0	2.3	0.0
30°	22.7	17.3	12.5	8.3	5.1	2.3	0.0
27.5°	23.5	18.0	12.9	8.6	5.3	2.4	0.0
25°	24.3	18.6	13.3	8.8	5.4	2.4	0.0
22.5°	25.0	19.1	13.7	9.0	5.5	2.5	0.0
20°	25.6	19.6	14.1	9.2	5.6	2.5	0.0
17.5°	26.2	20.0	14.4	9.3	5.7	2.6	0.0
15°	26.7	20.4	14.6	9.4	5.8	2.6	0.0
12.5°	27.1	20.7	14.9	9.5	5.8	2.6	0.0
10°	27.5	20.9	15.1	9.6	5.9	2.7	0.0
7.5°	27.7	21.1	15.2	9.7	5.9	2.7	0.0
5°	27.9	21.3	15.3	9.7	6.0	2.7	0.0
2.5°	28.1	21.4	15.4	9.7	6.0	2.7	0.0
0°	28.1	21.4	15.4	9.7	6.0	2.7	0.0
-2.5°	28.1	21.4	15.4	9.7	6.0	2.7	0.0
-5°	27.9	21.3	15.3	9.7	6.0	2.7	0.0
-7.5°	27.7	21.1	15.2	9.7	5.9	2.7	0.0
-10°	27.5	20.9	15.1	9.6	5.9	2.7	0.0
-12.5°	27.1	20.7	14.9	9.5	5.8	2.6	0.0
-15°	26.7	20.4	14.6	9.4	5.8	2.6	0.0
-17.5°	26.2	20.0	14.4	9.3	5.7	2.6	0.0
-20°	25.6	19.6	14.1	9.2	5.6	2.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.0	19.1	13.7	9.0	5.5	2.5	0.0
-25°	24.3	18.6	13.3	8.8	5.4	2.4	0.0
-27.5°	23.5	18.0	12.9	8.6	5.3	2.4	0.0
-30°	22.7	17.3	12.5	8.3	5.1	2.3	0.0
-32.5°	21.8	16.7	12.0	8.1	5.0	2.3	0.0
-35°	20.9	15.9	11.5	7.8	4.8	2.2	0.0
-37.5°	20.0	15.2	10.9	7.5	4.6	2.1	0.0
-40°	19.0	14.4	10.3	7.2	4.5	2.1	0.0
-42.5°	17.9	13.6	9.8	6.8	4.3	2.0	0.0
-45°	16.8	12.8	9.3	6.5	4.1	1.9	0.0
-47.5°	15.6	12.0	8.8	6.1	3.9	1.8	0.0
-50°	14.5	11.1	8.2	5.7	3.6	1.7	0.0
-52.5°	13.4	10.2	7.7	5.4	3.4	1.6	0.0
-55°	12.2	9.4	7.1	5.0	3.2	1.5	0.0
-57.5°	11.1	8.6	6.5	4.7	2.9	1.5	0.0
-60°	9.9	7.8	5.9	4.3	2.7	1.3	0.0
-62.5°	8.9	7.0	5.3	3.9	2.5	1.2	0.0
-65°	7.9	6.2	4.8	3.5	2.3	1.1	0.0
-67.5°	6.9	5.5	4.3	3.1	2.1	1.0	0.0
-70°	5.9	4.8	3.7	2.7	1.8	0.9	0.0
-72.5°	5.0	4.1	3.2	2.4	1.6	0.8	0.0
-75°	4.1	3.4	2.6	2.0	1.4	0.7	0.0
-77.5°	3.3	2.7	2.2	1.7	1.2	0.6	0.0
-80°	2.4	2.1	1.7	1.4	0.9	0.5	0.0
-82.5°	1.8	1.6	1.3	1.0	0.7	0.4	0.0
-85°	1.2	1.0	0.9	0.7	0.5	0.2	0.0
-87.5°	0.6	0.5	0.4	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)