

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: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-935-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

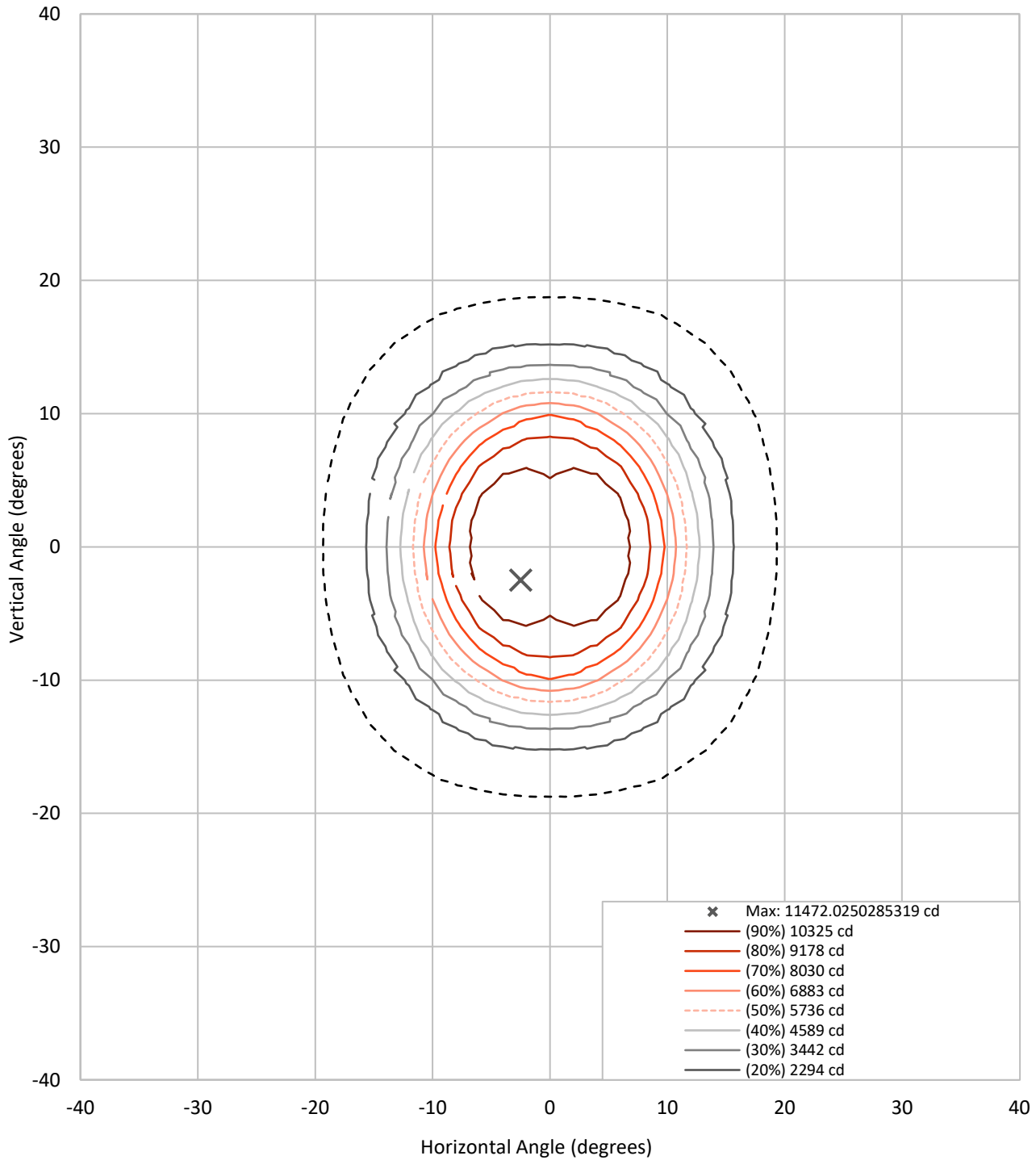
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	2169.4 lumens	Max Intensity:	11472 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	120.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	1171.2 lumens	Field Lumens:	1766.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 18
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





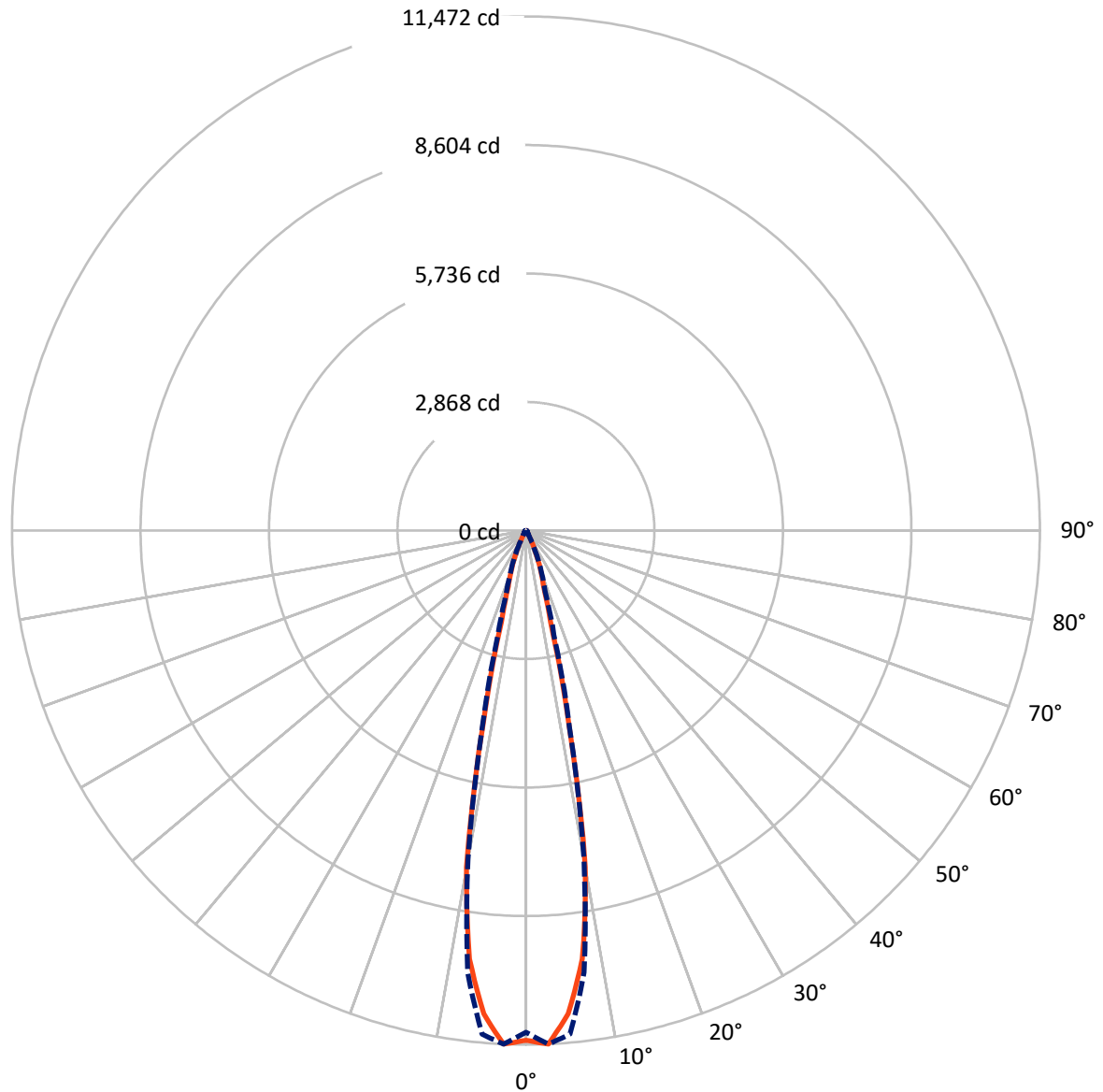
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Lumen Table

90																			
80	0.0	0.2		0.6		0.9		1.1		0.9		0.6		0.2		0.0			
70																			
60	0.1	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.1			
50		0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3	0.2				
40	0.2	0.2	0.4	0.7	0.8	1.0	1.2	1.2	1.2	1.2	1.0	0.8	0.7	0.4	0.2	0.2			
30		0.3	0.5	0.7	1.0	1.3	1.8	2.1	2.1	1.8	1.3	1.0	0.7	0.5	0.3				
20	0.2	0.3	0.5	0.8	1.2	2.2	6.7	13.0	13.0	6.7	2.2	1.2	0.8	0.5	0.3	0.2			
10		0.3	0.6	0.9	1.5	6.6	30.4	78.1	78.1	30.4	6.6	1.5	0.9	0.6	0.3				
0	0.3	0.3	0.6	0.9	1.8	12.8	79.1	279.4	279.4	79.1	12.8	1.8	0.9	0.6	0.3	0.3			
-10		0.3	0.6	0.9	1.8	12.8	79.1	279.4	279.4	79.1	12.8	1.8	0.9	0.6	0.3				
-20	0.2	0.3	0.6	0.9	1.5	6.6	30.4	78.1	78.1	30.4	6.6	1.5	0.9	0.6	0.3	0.2			
-30		0.3	0.5	0.8	1.2	2.2	6.7	13.0	13.0	6.7	2.2	1.2	0.8	0.5	0.3				
-40	0.2	0.3	0.5	0.7	1.0	1.3	1.8	2.1	2.1	1.8	1.3	1.0	0.7	0.5	0.3	0.2			
-50		0.2	0.4	0.7	0.8	1.0	1.2	1.2	1.2	1.2	1.0	0.8	0.7	0.4	0.2				
-60	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.3	0.2	0.1			
-70		0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1				
-80	0.0	0.2		0.6		0.9		1.1		0.9		0.6		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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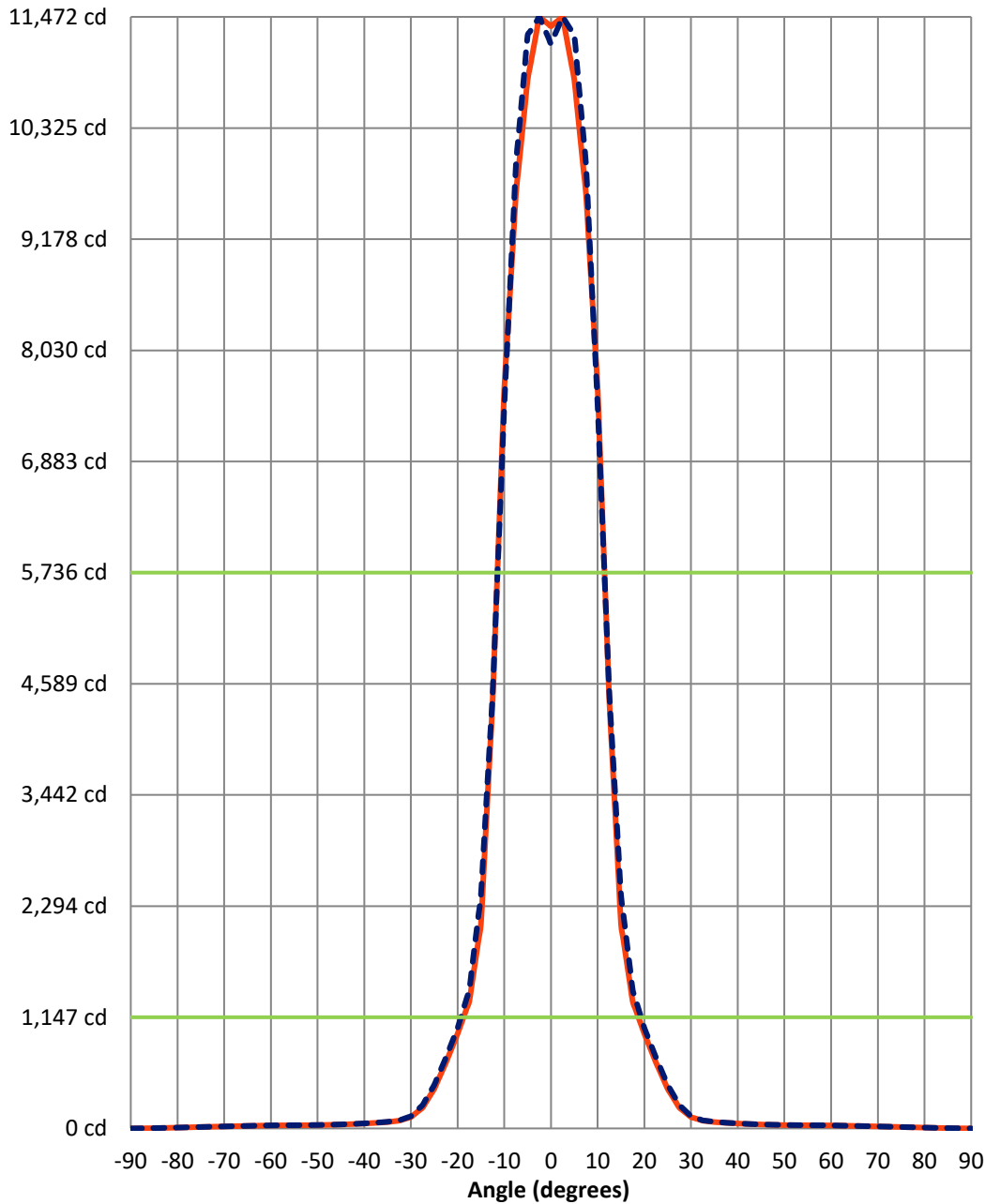
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 1171.2
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 1766.2
Efficiency: 81.4%

Spill:
Lumens: 403.2
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.5	1.7
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.2	2.6
77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.7	2.1	2.5	2.9	3.4
75°	0.0	0.3	0.6	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4
72.5°	0.0	0.4	0.7	1.1	1.6	2.1	2.6	3.2	4.0	4.7	5.3
70°	0.0	0.4	0.8	1.2	1.9	2.5	3.1	3.9	4.7	5.5	6.4
67.5°	0.0	0.5	0.9	1.5	2.2	2.9	3.7	4.6	5.5	6.5	7.5
65°	0.0	0.5	1.0	1.7	2.5	3.3	4.3	5.3	6.4	7.5	8.7
62.5°	0.0	0.6	1.1	2.0	2.8	3.8	4.9	6.0	7.3	8.5	9.9
60°	0.0	0.6	1.2	2.2	3.1	4.3	5.4	6.8	8.1	9.6	11.0
57.5°	0.0	0.6	1.3	2.4	3.5	4.7	6.1	7.5	9.0	10.6	12.1
55°	0.0	0.7	1.5	2.6	3.8	5.1	6.7	8.2	9.9	11.6	13.2
52.5°	0.0	0.7	1.6	2.8	4.1	5.6	7.3	9.0	10.8	12.6	14.3
50°	0.0	0.8	1.8	3.0	4.5	6.1	7.8	9.7	11.6	13.5	15.4
47.5°	0.0	0.8	1.9	3.2	4.8	6.5	8.4	10.5	12.4	14.4	16.4
45°	0.0	0.8	2.0	3.5	5.1	7.0	9.0	11.2	13.2	15.3	17.5
42.5°	0.0	0.9	2.1	3.7	5.4	7.4	9.6	11.8	14.0	16.2	18.4
40°	0.0	0.9	2.3	3.9	5.7	7.8	10.1	12.5	14.7	17.1	19.2
37.5°	0.0	1.0	2.4	4.1	6.0	8.2	10.7	13.0	15.4	17.9	20.0
35°	0.0	1.0	2.5	4.2	6.3	8.6	11.2	13.6	16.1	18.6	20.8
32.5°	0.0	1.0	2.6	4.4	6.5	9.0	11.7	14.1	16.8	19.2	21.5
30°	0.0	1.0	2.7	4.6	6.8	9.4	12.1	14.6	17.4	19.8	22.2
27.5°	0.0	1.1	2.7	4.7	7.0	9.7	12.5	15.1	17.9	20.3	22.8
25°	0.0	1.1	2.8	4.9	7.3	10.0	12.9	15.6	18.3	20.8	23.4
22.5°	0.0	1.1	2.9	5.0	7.5	10.3	13.2	16.0	18.7	21.3	23.9
20°	0.0	1.1	3.0	5.1	7.7	10.6	13.5	16.3	19.1	21.7	24.3
17.5°	0.0	1.1	3.0	5.2	7.8	10.8	13.7	16.7	19.4	22.0	24.7
15°	0.0	1.2	3.1	5.3	8.0	11.0	14.0	16.9	19.7	22.3	25.0
12.5°	0.0	1.2	3.1	5.3	8.1	11.2	14.2	17.2	19.9	22.5	25.3
10°	0.0	1.2	3.1	5.4	8.3	11.4	14.3	17.4	20.1	22.8	25.5
7.5°	0.0	1.2	3.2	5.4	8.3	11.5	14.4	17.5	20.3	23.0	25.7
5°	0.0	1.2	3.2	5.5	8.4	11.5	14.5	17.6	20.4	23.1	25.8
2.5°	0.0	1.2	3.2	5.5	8.5	11.6	14.6	17.7	20.5	23.2	25.8
0°	0.0	1.2	3.2	5.5	8.5	11.6	14.6	17.7	20.5	23.3	25.8
-2.5°	0.0	1.2	3.2	5.5	8.5	11.6	14.6	17.7	20.5	23.3	25.8
-5°	0.0	1.2	3.2	5.5	8.4	11.5	14.5	17.6	20.4	23.1	25.8
-7.5°	0.0	1.2	3.2	5.4	8.3	11.5	14.4	17.5	20.3	23.0	25.7
-10°	0.0	1.2	3.1	5.4	8.3	11.4	14.3	17.4	20.1	22.8	25.5
-12.5°	0.0	1.2	3.1	5.3	8.1	11.2	14.2	17.2	19.9	22.5	25.3
-15°	0.0	1.2	3.1	5.3	8.0	11.0	14.0	16.9	19.7	22.3	25.0
-17.5°	0.0	1.1	3.0	5.2	7.8	10.8	13.7	16.7	19.4	22.0	24.7
-20°	0.0	1.1	3.0	5.1	7.7	10.6	13.5	16.3	19.1	21.7	24.3



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	2.9	5.0	7.5	10.3	13.2	16.0	18.7	21.3	23.9
-25°	0.0	1.1	2.8	4.9	7.3	10.0	12.9	15.6	18.3	20.8	23.4
-27.5°	0.0	1.1	2.7	4.7	7.0	9.7	12.5	15.1	17.9	20.3	22.8
-30°	0.0	1.0	2.7	4.6	6.8	9.4	12.1	14.6	17.4	19.8	22.2
-32.5°	0.0	1.0	2.6	4.4	6.5	9.0	11.7	14.1	16.8	19.2	21.5
-35°	0.0	1.0	2.5	4.2	6.3	8.6	11.2	13.6	16.1	18.6	20.8
-37.5°	0.0	1.0	2.4	4.1	6.0	8.2	10.7	13.0	15.4	17.9	20.0
-40°	0.0	0.9	2.3	3.9	5.7	7.8	10.1	12.5	14.7	17.1	19.2
-42.5°	0.0	0.9	2.1	3.7	5.4	7.4	9.6	11.8	14.0	16.2	18.4
-45°	0.0	0.8	2.0	3.5	5.1	7.0	9.0	11.2	13.2	15.3	17.5
-47.5°	0.0	0.8	1.9	3.2	4.8	6.5	8.4	10.5	12.4	14.4	16.4
-50°	0.0	0.8	1.8	3.0	4.5	6.1	7.8	9.7	11.6	13.5	15.4
-52.5°	0.0	0.7	1.6	2.8	4.1	5.6	7.3	9.0	10.8	12.6	14.3
-55°	0.0	0.7	1.5	2.6	3.8	5.1	6.7	8.2	9.9	11.6	13.2
-57.5°	0.0	0.6	1.3	2.4	3.5	4.7	6.1	7.5	9.0	10.6	12.1
-60°	0.0	0.6	1.2	2.2	3.1	4.3	5.4	6.8	8.1	9.6	11.0
-62.5°	0.0	0.6	1.1	2.0	2.8	3.8	4.9	6.0	7.3	8.5	9.9
-65°	0.0	0.5	1.0	1.7	2.5	3.3	4.3	5.3	6.4	7.5	8.7
-67.5°	0.0	0.5	0.9	1.5	2.2	2.9	3.7	4.6	5.5	6.5	7.5
-70°	0.0	0.4	0.8	1.2	1.9	2.5	3.1	3.9	4.7	5.5	6.4
-72.5°	0.0	0.4	0.7	1.1	1.6	2.1	2.6	3.2	4.0	4.7	5.3
-75°	0.0	0.3	0.6	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.7	2.1	2.5	2.9	3.4
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.2	2.6
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.5	1.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-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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 CATALOG NUMBER: GFLD-SA1A-935-U-NR-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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
82.5°	1.9	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.4	3.6	3.9
80°	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
77.5°	3.8	4.3	4.7	5.1	5.6	6.1	6.5	7.0	7.4	7.8	8.2
75°	4.9	5.4	6.1	6.7	7.3	7.8	8.4	9.0	9.5	10.1	10.6
72.5°	6.0	6.8	7.5	8.2	9.0	9.8	10.5	11.1	11.8	12.5	13.1
70°	7.3	8.1	9.1	10.0	11.0	11.8	12.6	13.4	14.3	15.0	15.6
67.5°	8.5	9.6	10.7	11.8	12.8	13.7	14.7	15.6	16.5	17.3	18.0
65°	9.9	11.1	12.2	13.4	14.5	15.6	16.7	17.8	18.7	19.5	20.3
62.5°	11.2	12.5	13.7	15.0	16.3	17.6	18.7	19.8	20.8	21.7	22.5
60°	12.4	13.8	15.2	16.7	18.1	19.4	20.6	21.7	22.7	23.7	24.6
57.5°	13.6	15.1	16.7	18.3	19.7	21.1	22.3	23.5	24.6	25.6	26.6
55°	14.8	16.5	18.1	19.7	21.3	22.7	24.0	25.2	26.4	27.3	28.2
52.5°	16.1	17.8	19.5	21.2	22.7	24.2	25.6	26.8	27.9	28.8	29.6
50°	17.3	19.0	20.8	22.5	24.1	25.7	27.0	28.2	29.2	30.0	30.8
47.5°	18.4	20.2	21.9	23.7	25.4	26.9	28.3	29.3	30.3	31.1	31.9
45°	19.4	21.3	23.1	24.9	26.6	28.1	29.3	30.4	31.3	32.2	32.9
42.5°	20.4	22.4	24.2	26.0	27.7	29.1	30.3	31.4	32.3	33.1	33.8
40°	21.3	23.4	25.3	27.1	28.7	30.0	31.2	32.3	33.2	34.0	34.9
37.5°	22.3	24.4	26.4	28.1	29.5	30.8	32.0	33.1	34.1	35.0	36.1
35°	23.1	25.3	27.3	29.0	30.4	31.6	32.8	33.9	35.0	36.2	37.6
32.5°	24.0	26.2	28.2	29.8	31.1	32.3	33.5	34.8	36.2	37.6	39.3
30°	24.7	27.0	29.0	30.5	31.7	32.9	34.3	35.9	37.4	39.1	41.0
27.5°	25.4	27.8	29.6	31.0	32.3	33.4	35.0	37.0	38.7	40.5	42.5
25°	26.0	28.4	30.2	31.5	32.7	33.9	35.5	37.6	39.8	41.7	44.6
22.5°	26.5	28.9	30.7	32.0	33.0	34.3	36.0	38.0	40.3	42.6	46.7
20°	26.9	29.3	31.2	32.4	33.3	34.6	36.2	38.3	40.8	44.2	48.7
17.5°	27.3	29.7	31.5	32.6	33.6	34.8	36.3	38.4	41.4	45.7	50.5
15°	27.7	30.1	31.8	32.8	33.8	35.0	36.6	38.9	42.3	47.0	52.2
12.5°	27.9	30.5	32.0	33.0	33.9	35.2	37.0	39.5	43.4	48.3	54.1
10°	28.1	30.9	32.2	33.1	34.0	35.3	37.3	40.1	44.2	49.5	55.7
7.5°	28.3	31.2	32.4	33.2	34.0	35.3	37.5	40.5	44.9	50.5	57.1
5°	28.5	31.4	32.5	33.3	34.0	35.4	37.7	40.7	45.3	51.3	58.2
2.5°	28.6	31.5	32.6	33.3	34.0	35.4	37.8	41.1	45.8	51.8	58.8
0°	28.6	31.5	32.7	33.3	33.9	35.3	37.9	41.4	46.1	52.1	59.0
-2.5°	28.6	31.5	32.7	33.3	33.9	35.3	37.9	41.4	46.1	52.1	59.0
-5°	28.5	31.4	32.5	33.3	34.0	35.4	37.7	40.7	45.3	51.3	58.2
-7.5°	28.3	31.2	32.4	33.2	34.0	35.3	37.5	40.5	44.9	50.5	57.1
-10°	28.1	30.9	32.2	33.1	34.0	35.3	37.3	40.1	44.2	49.5	55.7
-12.5°	27.9	30.5	32.0	33.0	33.9	35.2	37.0	39.5	43.4	48.3	54.1
-15°	27.7	30.1	31.8	32.8	33.8	35.0	36.6	38.9	42.3	47.0	52.2
-17.5°	27.3	29.7	31.5	32.6	33.6	34.8	36.3	38.4	41.4	45.7	50.5
-20°	26.9	29.3	31.2	32.4	33.3	34.6	36.2	38.3	40.8	44.2	48.7



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	26.5	28.9	30.7	32.0	33.0	34.3	36.0	38.0	40.3	42.6	46.7
-25°	26.0	28.4	30.2	31.5	32.7	33.9	35.5	37.6	39.8	41.7	44.6
-27.5°	25.4	27.8	29.6	31.0	32.3	33.4	35.0	37.0	38.7	40.5	42.5
-30°	24.7	27.0	29.0	30.5	31.7	32.9	34.3	35.9	37.4	39.1	41.0
-32.5°	24.0	26.2	28.2	29.8	31.1	32.3	33.5	34.8	36.2	37.6	39.3
-35°	23.1	25.3	27.3	29.0	30.4	31.6	32.8	33.9	35.0	36.2	37.6
-37.5°	22.3	24.4	26.4	28.1	29.5	30.8	32.0	33.1	34.1	35.0	36.1
-40°	21.3	23.4	25.3	27.1	28.7	30.0	31.2	32.3	33.2	34.0	34.9
-42.5°	20.4	22.4	24.2	26.0	27.7	29.1	30.3	31.4	32.3	33.1	33.8
-45°	19.4	21.3	23.1	24.9	26.6	28.1	29.3	30.4	31.3	32.2	32.9
-47.5°	18.4	20.2	21.9	23.7	25.4	26.9	28.3	29.3	30.3	31.1	31.9
-50°	17.3	19.0	20.8	22.5	24.1	25.7	27.0	28.2	29.2	30.0	30.8
-52.5°	16.1	17.8	19.5	21.2	22.7	24.2	25.6	26.8	27.9	28.8	29.6
-55°	14.8	16.5	18.1	19.7	21.3	22.7	24.0	25.2	26.4	27.3	28.2
-57.5°	13.6	15.1	16.7	18.3	19.7	21.1	22.3	23.5	24.6	25.6	26.6
-60°	12.4	13.8	15.2	16.7	18.1	19.4	20.6	21.7	22.7	23.7	24.6
-62.5°	11.2	12.5	13.7	15.0	16.3	17.6	18.7	19.8	20.8	21.7	22.5
-65°	9.9	11.1	12.2	13.4	14.5	15.6	16.7	17.8	18.7	19.5	20.3
-67.5°	8.5	9.6	10.7	11.8	12.8	13.7	14.7	15.6	16.5	17.3	18.0
-70°	7.3	8.1	9.1	10.0	11.0	11.8	12.6	13.4	14.3	15.0	15.6
-72.5°	6.0	6.8	7.5	8.2	9.0	9.8	10.5	11.1	11.8	12.5	13.1
-75°	4.9	5.4	6.1	6.7	7.3	7.8	8.4	9.0	9.5	10.1	10.6
-77.5°	3.8	4.3	4.7	5.1	5.6	6.1	6.5	7.0	7.4	7.8	8.2
-80°	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
-82.5°	1.9	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.4	3.6	3.9
-85°	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-87.5°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	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: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-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°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.2
85°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	4.0	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2	5.3	5.4
80°	6.1	6.4	6.6	6.9	7.0	7.3	7.5	7.7	7.9	8.0	8.1
77.5°	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.5	10.7	10.9	11.1
75°	11.1	11.5	12.0	12.3	12.7	13.0	13.3	13.5	13.7	13.9	14.1
72.5°	13.7	14.2	14.6	15.1	15.5	15.9	16.3	16.6	16.9	17.1	17.3
70°	16.2	16.8	17.4	17.9	18.4	18.8	19.2	19.5	19.8	20.1	20.3
67.5°	18.7	19.3	19.9	20.5	21.0	21.5	21.9	22.3	22.7	23.0	23.2
65°	21.1	21.8	22.4	23.0	23.6	24.1	24.6	25.0	25.4	25.7	25.9
62.5°	23.4	24.2	24.8	25.5	26.1	26.6	27.0	27.4	27.8	28.1	28.3
60°	25.5	26.3	27.0	27.6	28.1	28.6	29.0	29.4	29.8	30.2	30.4
57.5°	27.4	28.1	28.8	29.3	29.8	30.2	30.7	31.0	31.3	31.5	31.7
55°	29.0	29.6	30.2	30.8	31.2	31.6	32.0	32.2	32.4	32.5	32.6
52.5°	30.3	31.0	31.6	32.2	32.5	32.8	33.0	33.3	33.5	33.5	33.5
50°	31.5	32.2	32.7	33.2	33.6	34.1	34.6	34.9	35.0	34.9	34.9
47.5°	32.5	33.2	33.8	34.3	35.0	35.8	36.7	37.1	37.1	36.9	36.8
45°	33.5	34.2	34.9	35.8	36.7	37.8	38.8	39.5	39.5	39.5	39.6
42.5°	34.5	35.4	36.3	37.6	38.8	40.0	41.1	41.9	42.5	43.2	43.8
40°	35.8	36.8	38.2	39.7	41.3	42.6	44.3	45.7	46.9	48.0	48.8
37.5°	37.3	38.7	40.6	42.4	44.5	46.6	48.5	50.3	51.8	53.6	55.0
35°	39.2	41.1	43.3	45.7	48.3	50.9	53.4	56.3	58.9	61.2	63.0
32.5°	41.3	43.6	46.4	49.5	52.7	56.2	59.8	63.5	67.1	70.9	74.6
30°	43.3	46.5	50.0	53.8	57.6	62.1	66.8	72.9	79.3	86.6	97.9
27.5°	45.9	49.7	53.8	58.2	63.3	69.1	78.2	89.5	108.8	123.2	161.9
25°	48.5	52.8	58.0	63.7	70.6	81.1	102.9	128.0	183.9	236.2	296.7
22.5°	51.1	56.4	62.6	69.6	81.6	108.8	150.2	225.9	312.2	403.9	497.3
20°	53.7	59.9	67.7	79.3	104.5	151.1	243.9	365.6	488.3	638.2	767.9
17.5°	56.5	64.3	74.5	92.0	133.5	233.3	370.6	539.4	729.3	922.0	1083.9
15°	58.9	68.0	81.7	115.9	194.3	326.6	506.2	735.1	994.1	1237.8	1445.6
12.5°	61.5	72.2	90.2	135.3	250.3	424.4	661.1	942.7	1253.3	1587.3	2115.9
10°	64.0	76.4	104.4	175.6	314.9	523.1	799.7	1117.0	1493.7	2162.3	3412.0
7.5°	66.1	79.7	115.0	205.6	373.4	616.3	912.7	1266.0	1832.5	2955.7	5058.6
5°	67.5	81.9	122.4	228.0	419.9	685.0	985.0	1364.2	2178.1	3925.5	6457.7
2.5°	68.5	83.0	126.4	241.1	449.4	730.5	1036.2	1430.2	2410.1	4486.5	7453.3
0°	69.2	83.4	127.2	252.4	459.4	745.9	1038.7	1448.0	2489.7	4705.5	7808.0
-2.5°	68.5	83.0	126.4	241.1	449.4	730.5	1036.2	1430.2	2410.1	4486.5	7453.3
-5°	67.5	81.9	122.4	228.0	419.9	685.0	985.0	1364.2	2178.1	3925.5	6457.7
-7.5°	66.1	79.7	115.0	205.6	373.4	616.3	912.7	1266.0	1832.5	2955.7	5058.6
-10°	64.0	76.4	104.4	175.6	314.9	523.1	799.7	1117.0	1493.7	2162.3	3412.0
-12.5°	61.5	72.2	90.2	135.3	250.3	424.4	661.1	942.7	1253.3	1587.3	2115.9
-15°	58.9	68.0	81.7	115.9	194.3	326.6	506.2	735.1	994.1	1237.8	1445.6
-17.5°	56.5	64.3	74.5	92.0	133.5	233.3	370.6	539.4	729.3	922.0	1083.9
-20°	53.7	59.9	67.7	79.3	104.5	151.1	243.9	365.6	488.3	638.2	767.9



REPORT NUMBER: P558479 (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°	51.1	56.4	62.6	69.6	81.6	108.8	150.2	225.9	312.2	403.9	497.3
-25°	48.5	52.8	58.0	63.7	70.6	81.1	102.9	128.0	183.9	236.2	296.7
-27.5°	45.9	49.7	53.8	58.2	63.3	69.1	78.2	89.5	108.8	123.2	161.9
-30°	43.3	46.5	50.0	53.8	57.6	62.1	66.8	72.9	79.3	86.6	97.9
-32.5°	41.3	43.6	46.4	49.5	52.7	56.2	59.8	63.5	67.1	70.9	74.6
-35°	39.2	41.1	43.3	45.7	48.3	50.9	53.4	56.3	58.9	61.2	63.0
-37.5°	37.3	38.7	40.6	42.4	44.5	46.6	48.5	50.3	51.8	53.6	55.0
-40°	35.8	36.8	38.2	39.7	41.3	42.6	44.3	45.7	46.9	48.0	48.8
-42.5°	34.5	35.4	36.3	37.6	38.8	40.0	41.1	41.9	42.5	43.2	43.8
-45°	33.5	34.2	34.9	35.8	36.7	37.8	38.8	39.5	39.5	39.5	39.6
-47.5°	32.5	33.2	33.8	34.3	35.0	35.8	36.7	37.1	37.1	36.9	36.8
-50°	31.5	32.2	32.7	33.2	33.6	34.1	34.6	34.9	35.0	34.9	34.9
-52.5°	30.3	31.0	31.6	32.2	32.5	32.8	33.0	33.3	33.5	33.5	33.5
-55°	29.0	29.6	30.2	30.8	31.2	31.6	32.0	32.2	32.4	32.5	32.6
-57.5°	27.4	28.1	28.8	29.3	29.8	30.2	30.7	31.0	31.3	31.5	31.7
-60°	25.5	26.3	27.0	27.6	28.1	28.6	29.0	29.4	29.8	30.2	30.4
-62.5°	23.4	24.2	24.8	25.5	26.1	26.6	27.0	27.4	27.8	28.1	28.3
-65°	21.1	21.8	22.4	23.0	23.6	24.1	24.6	25.0	25.4	25.7	25.9
-67.5°	18.7	19.3	19.9	20.5	21.0	21.5	21.9	22.3	22.7	23.0	23.2
-70°	16.2	16.8	17.4	17.9	18.4	18.8	19.2	19.5	19.8	20.1	20.3
-72.5°	13.7	14.2	14.6	15.1	15.5	15.9	16.3	16.6	16.9	17.1	17.3
-75°	11.1	11.5	12.0	12.3	12.7	13.0	13.3	13.5	13.7	13.9	14.1
-77.5°	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.5	10.7	10.9	11.1
-80°	6.1	6.4	6.6	6.9	7.0	7.3	7.5	7.7	7.9	8.0	8.1
-82.5°	4.0	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2	5.3	5.4
-85°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-87.5°	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	3.1	3.2	3.1	3.0	3.1	3.2	3.1	3.0	3.0	2.9	2.8
82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1
80°	8.2	8.3	8.4	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
77.5°	11.2	11.3	11.4	11.4	11.4	11.3	11.2	11.1	10.9	10.7	10.5
75°	14.2	14.3	14.6	14.8	14.6	14.3	14.2	14.1	13.9	13.7	13.5
72.5°	17.5	17.6	17.8	17.9	17.8	17.6	17.5	17.3	17.1	16.9	16.6
70°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.5
67.5°	23.3	23.4	23.4	23.3	23.4	23.4	23.3	23.2	23.0	22.7	22.3
65°	26.0	26.1	26.1	26.0	26.1	26.1	26.0	25.9	25.7	25.4	25.0
62.5°	28.4	28.5	28.6	28.6	28.6	28.5	28.4	28.3	28.1	27.8	27.4
60°	30.7	30.9	31.0	31.0	31.0	30.9	30.7	30.4	30.2	29.8	29.4
57.5°	31.9	32.0	32.1	32.1	32.1	32.0	31.9	31.7	31.5	31.3	31.0
55°	32.7	32.7	32.6	32.5	32.6	32.7	32.7	32.6	32.5	32.4	32.2
52.5°	33.4	33.3	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.3
50°	34.7	34.6	34.5	34.5	34.5	34.6	34.7	34.9	34.9	35.0	34.9
47.5°	36.9	37.0	37.0	37.1	37.0	37.0	36.9	36.8	36.9	37.1	37.1
45°	40.0	40.3	40.5	40.6	40.5	40.3	40.0	39.6	39.5	39.5	39.5
42.5°	44.4	44.7	44.8	44.8	44.8	44.7	44.4	43.8	43.2	42.5	41.9
40°	49.6	50.3	50.7	50.7	50.7	50.3	49.6	48.8	48.0	46.9	45.7
37.5°	56.2	57.1	57.5	57.4	57.5	57.1	56.2	55.0	53.6	51.8	50.3
35°	64.4	65.3	65.7	66.1	65.7	65.3	64.4	63.0	61.2	58.9	56.3
32.5°	77.6	79.4	80.2	79.1	80.2	79.4	77.6	74.6	70.9	67.1	63.5
30°	105.5	112.2	116.7	118.9	116.7	112.2	105.5	97.9	86.6	79.3	72.9
27.5°	188.5	206.1	213.6	217.7	213.6	206.1	188.5	161.9	123.2	108.8	89.5
25°	348.5	386.1	407.8	406.0	407.8	386.1	348.5	296.7	236.2	183.9	128.0
22.5°	584.1	643.4	679.0	692.1	679.0	643.4	584.1	497.3	403.9	312.2	225.9
20°	876.1	942.7	977.5	982.7	977.5	942.7	876.1	767.9	638.2	488.3	365.6
17.5°	1211.3	1274.3	1311.1	1310.6	1311.1	1274.3	1211.3	1083.9	922.0	729.3	539.4
15°	1728.7	1973.0	2110.7	2090.6	2110.7	1973.0	1728.7	1445.6	1237.8	994.1	735.1
12.5°	2832.6	3808.2	4413.4	4562.8	4413.4	3808.2	2832.6	2115.9	1587.3	1253.3	942.7
10°	5005.5	6465.2	7630.8	7967.7	7630.8	6465.2	5005.5	3412.0	2162.3	1493.7	1117.0
7.5°	7200.2	8932.5	9645.4	9728.3	9645.4	8932.5	7200.2	5058.6	2955.7	1832.5	1266.0
5°	8856.7	10619.3	10823.4	10310.9	10823.4	10619.3	8856.7	6457.7	3925.5	2178.1	1364.2
2.5°	9950.1	11281.8	11472.0	11196.2	11472.0	11281.8	9950.1	7453.3	4486.5	2410.1	1430.2
0°	10199.5	11105.7	11375.8	11405.4	11375.8	11105.7	10199.5	7808.0	4705.5	2489.7	1448.0
-2.5°	9950.1	11281.8	11472.0	11196.2	11472.0	11281.8	9950.1	7453.3	4486.5	2410.1	1430.2
-5°	8856.7	10619.3	10823.4	10310.9	10823.4	10619.3	8856.7	6457.7	3925.5	2178.1	1364.2
-7.5°	7200.2	8932.5	9645.4	9728.3	9645.4	8932.5	7200.2	5058.6	2955.7	1832.5	1266.0
-10°	5005.5	6465.2	7630.8	7967.7	7630.8	6465.2	5005.5	3412.0	2162.3	1493.7	1117.0
-12.5°	2832.6	3808.2	4413.4	4562.8	4413.4	3808.2	2832.6	2115.9	1587.3	1253.3	942.7
-15°	1728.7	1973.0	2110.7	2090.6	2110.7	1973.0	1728.7	1445.6	1237.8	994.1	735.1
-17.5°	1211.3	1274.3	1311.1	1310.6	1311.1	1274.3	1211.3	1083.9	922.0	729.3	539.4
-20°	876.1	942.7	977.5	982.7	977.5	942.7	876.1	767.9	638.2	488.3	365.6



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	584.1	643.4	679.0	692.1	679.0	643.4	584.1	497.3	403.9	312.2	225.9
-25°	348.5	386.1	407.8	406.0	407.8	386.1	348.5	296.7	236.2	183.9	128.0
-27.5°	188.5	206.1	213.6	217.7	213.6	206.1	188.5	161.9	123.2	108.8	89.5
-30°	105.5	112.2	116.7	118.9	116.7	112.2	105.5	97.9	86.6	79.3	72.9
-32.5°	77.6	79.4	80.2	79.1	80.2	79.4	77.6	74.6	70.9	67.1	63.5
-35°	64.4	65.3	65.7	66.1	65.7	65.3	64.4	63.0	61.2	58.9	56.3
-37.5°	56.2	57.1	57.5	57.4	57.5	57.1	56.2	55.0	53.6	51.8	50.3
-40°	49.6	50.3	50.7	50.7	50.7	50.3	49.6	48.8	48.0	46.9	45.7
-42.5°	44.4	44.7	44.8	44.8	44.8	44.7	44.4	43.8	43.2	42.5	41.9
-45°	40.0	40.3	40.5	40.6	40.5	40.3	40.0	39.6	39.5	39.5	39.5
-47.5°	36.9	37.0	37.0	37.1	37.0	37.0	36.9	36.8	36.9	37.1	37.1
-50°	34.7	34.6	34.5	34.5	34.5	34.6	34.7	34.9	34.9	35.0	34.9
-52.5°	33.4	33.3	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.3
-55°	32.7	32.7	32.6	32.5	32.6	32.7	32.7	32.6	32.5	32.4	32.2
-57.5°	31.9	32.0	32.1	32.1	32.1	32.0	31.9	31.7	31.5	31.3	31.0
-60°	30.7	30.9	31.0	31.0	31.0	30.9	30.7	30.4	30.2	29.8	29.4
-62.5°	28.4	28.5	28.6	28.6	28.6	28.5	28.4	28.3	28.1	27.8	27.4
-65°	26.0	26.1	26.1	26.0	26.1	26.1	26.0	25.9	25.7	25.4	25.0
-67.5°	23.3	23.4	23.4	23.3	23.4	23.4	23.3	23.2	23.0	22.7	22.3
-70°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.5
-72.5°	17.5	17.6	17.8	17.9	17.8	17.6	17.5	17.3	17.1	16.9	16.6
-75°	14.2	14.3	14.6	14.8	14.6	14.3	14.2	14.1	13.9	13.7	13.5
-77.5°	11.2	11.3	11.4	11.4	11.4	11.3	11.2	11.1	10.9	10.7	10.5
-80°	8.2	8.3	8.4	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
-82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1
-85°	3.1	3.2	3.1	3.0	3.1	3.2	3.1	3.0	3.0	2.9	2.8
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
82.5°	5.0	4.8	4.7	4.5	4.4	4.2	4.0	3.9	3.6	3.4	3.1
80°	7.5	7.3	7.0	6.9	6.6	6.4	6.1	5.9	5.6	5.3	5.0
77.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.8	7.4	7.0
75°	13.3	13.0	12.7	12.3	12.0	11.5	11.1	10.6	10.1	9.5	9.0
72.5°	16.3	15.9	15.5	15.1	14.6	14.2	13.7	13.1	12.5	11.8	11.1
70°	19.2	18.8	18.4	17.9	17.4	16.8	16.2	15.6	15.0	14.3	13.4
67.5°	21.9	21.5	21.0	20.5	19.9	19.3	18.7	18.0	17.3	16.5	15.6
65°	24.6	24.1	23.6	23.0	22.4	21.8	21.1	20.3	19.5	18.7	17.8
62.5°	27.0	26.6	26.1	25.5	24.8	24.2	23.4	22.5	21.7	20.8	19.8
60°	29.0	28.6	28.1	27.6	27.0	26.3	25.5	24.6	23.7	22.7	21.7
57.5°	30.7	30.2	29.8	29.3	28.8	28.1	27.4	26.6	25.6	24.6	23.5
55°	32.0	31.6	31.2	30.8	30.2	29.6	29.0	28.2	27.3	26.4	25.2
52.5°	33.0	32.8	32.5	32.2	31.6	31.0	30.3	29.6	28.8	27.9	26.8
50°	34.6	34.1	33.6	33.2	32.7	32.2	31.5	30.8	30.0	29.2	28.2
47.5°	36.7	35.8	35.0	34.3	33.8	33.2	32.5	31.9	31.1	30.3	29.3
45°	38.8	37.8	36.7	35.8	34.9	34.2	33.5	32.9	32.2	31.3	30.4
42.5°	41.1	40.0	38.8	37.6	36.3	35.4	34.5	33.8	33.1	32.3	31.4
40°	44.3	42.6	41.3	39.7	38.2	36.8	35.8	34.9	34.0	33.2	32.3
37.5°	48.5	46.6	44.5	42.4	40.6	38.7	37.3	36.1	35.0	34.1	33.1
35°	53.4	50.9	48.3	45.7	43.3	41.1	39.2	37.6	36.2	35.0	33.9
32.5°	59.8	56.2	52.7	49.5	46.4	43.6	41.3	39.3	37.6	36.2	34.8
30°	66.8	62.1	57.6	53.8	50.0	46.5	43.3	41.0	39.1	37.4	35.9
27.5°	78.2	69.1	63.3	58.2	53.8	49.7	45.9	42.5	40.5	38.7	37.0
25°	102.9	81.1	70.6	63.7	58.0	52.8	48.5	44.6	41.7	39.8	37.6
22.5°	150.2	108.8	81.6	69.6	62.6	56.4	51.1	46.7	42.6	40.3	38.0
20°	243.9	151.1	104.5	79.3	67.7	59.9	53.7	48.7	44.2	40.8	38.3
17.5°	370.6	233.3	133.5	92.0	74.5	64.3	56.5	50.5	45.7	41.4	38.4
15°	506.2	326.6	194.3	115.9	81.7	68.0	58.9	52.2	47.0	42.3	38.9
12.5°	661.1	424.4	250.3	135.3	90.2	72.2	61.5	54.1	48.3	43.4	39.5
10°	799.7	523.1	314.9	175.6	104.4	76.4	64.0	55.7	49.5	44.2	40.1
7.5°	912.7	616.3	373.4	205.6	115.0	79.7	66.1	57.1	50.5	44.9	40.5
5°	985.0	685.0	419.9	228.0	122.4	81.9	67.5	58.2	51.3	45.3	40.7
2.5°	1036.2	730.5	449.4	241.1	126.4	83.0	68.5	58.8	51.8	45.8	41.1
0°	1038.7	745.9	459.4	252.4	127.2	83.4	69.2	59.0	52.1	46.1	41.4
-2.5°	1036.2	730.5	449.4	241.1	126.4	83.0	68.5	58.8	51.8	45.8	41.1
-5°	985.0	685.0	419.9	228.0	122.4	81.9	67.5	58.2	51.3	45.3	40.7
-7.5°	912.7	616.3	373.4	205.6	115.0	79.7	66.1	57.1	50.5	44.9	40.5
-10°	799.7	523.1	314.9	175.6	104.4	76.4	64.0	55.7	49.5	44.2	40.1
-12.5°	661.1	424.4	250.3	135.3	90.2	72.2	61.5	54.1	48.3	43.4	39.5
-15°	506.2	326.6	194.3	115.9	81.7	68.0	58.9	52.2	47.0	42.3	38.9
-17.5°	370.6	233.3	133.5	92.0	74.5	64.3	56.5	50.5	45.7	41.4	38.4
-20°	243.9	151.1	104.5	79.3	67.7	59.9	53.7	48.7	44.2	40.8	38.3



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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°	150.2	108.8	81.6	69.6	62.6	56.4	51.1	46.7	42.6	40.3	38.0
-25°	102.9	81.1	70.6	63.7	58.0	52.8	48.5	44.6	41.7	39.8	37.6
-27.5°	78.2	69.1	63.3	58.2	53.8	49.7	45.9	42.5	40.5	38.7	37.0
-30°	66.8	62.1	57.6	53.8	50.0	46.5	43.3	41.0	39.1	37.4	35.9
-32.5°	59.8	56.2	52.7	49.5	46.4	43.6	41.3	39.3	37.6	36.2	34.8
-35°	53.4	50.9	48.3	45.7	43.3	41.1	39.2	37.6	36.2	35.0	33.9
-37.5°	48.5	46.6	44.5	42.4	40.6	38.7	37.3	36.1	35.0	34.1	33.1
-40°	44.3	42.6	41.3	39.7	38.2	36.8	35.8	34.9	34.0	33.2	32.3
-42.5°	41.1	40.0	38.8	37.6	36.3	35.4	34.5	33.8	33.1	32.3	31.4
-45°	38.8	37.8	36.7	35.8	34.9	34.2	33.5	32.9	32.2	31.3	30.4
-47.5°	36.7	35.8	35.0	34.3	33.8	33.2	32.5	31.9	31.1	30.3	29.3
-50°	34.6	34.1	33.6	33.2	32.7	32.2	31.5	30.8	30.0	29.2	28.2
-52.5°	33.0	32.8	32.5	32.2	31.6	31.0	30.3	29.6	28.8	27.9	26.8
-55°	32.0	31.6	31.2	30.8	30.2	29.6	29.0	28.2	27.3	26.4	25.2
-57.5°	30.7	30.2	29.8	29.3	28.8	28.1	27.4	26.6	25.6	24.6	23.5
-60°	29.0	28.6	28.1	27.6	27.0	26.3	25.5	24.6	23.7	22.7	21.7
-62.5°	27.0	26.6	26.1	25.5	24.8	24.2	23.4	22.5	21.7	20.8	19.8
-65°	24.6	24.1	23.6	23.0	22.4	21.8	21.1	20.3	19.5	18.7	17.8
-67.5°	21.9	21.5	21.0	20.5	19.9	19.3	18.7	18.0	17.3	16.5	15.6
-70°	19.2	18.8	18.4	17.9	17.4	16.8	16.2	15.6	15.0	14.3	13.4
-72.5°	16.3	15.9	15.5	15.1	14.6	14.2	13.7	13.1	12.5	11.8	11.1
-75°	13.3	13.0	12.7	12.3	12.0	11.5	11.1	10.6	10.1	9.5	9.0
-77.5°	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.8	7.4	7.0
-80°	7.5	7.3	7.0	6.9	6.6	6.4	6.1	5.9	5.6	5.3	5.0
-82.5°	5.0	4.8	4.7	4.5	4.4	4.2	4.0	3.9	3.6	3.4	3.1
-85°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
-87.5°	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9	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



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	2.9	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.1
80°	4.7	4.4	4.0	3.7	3.4	3.1	2.8	2.6	2.2	1.9	1.6
77.5°	6.5	6.1	5.6	5.1	4.7	4.3	3.8	3.4	2.9	2.5	2.1
75°	8.4	7.8	7.3	6.7	6.1	5.4	4.9	4.4	3.8	3.2	2.6
72.5°	10.5	9.8	9.0	8.2	7.5	6.8	6.0	5.3	4.7	4.0	3.2
70°	12.6	11.8	11.0	10.0	9.1	8.1	7.3	6.4	5.5	4.7	3.9
67.5°	14.7	13.7	12.8	11.8	10.7	9.6	8.5	7.5	6.5	5.5	4.6
65°	16.7	15.6	14.5	13.4	12.2	11.1	9.9	8.7	7.5	6.4	5.3
62.5°	18.7	17.6	16.3	15.0	13.7	12.5	11.2	9.9	8.5	7.3	6.0
60°	20.6	19.4	18.1	16.7	15.2	13.8	12.4	11.0	9.6	8.1	6.8
57.5°	22.3	21.1	19.7	18.3	16.7	15.1	13.6	12.1	10.6	9.0	7.5
55°	24.0	22.7	21.3	19.7	18.1	16.5	14.8	13.2	11.6	9.9	8.2
52.5°	25.6	24.2	22.7	21.2	19.5	17.8	16.1	14.3	12.6	10.8	9.0
50°	27.0	25.7	24.1	22.5	20.8	19.0	17.3	15.4	13.5	11.6	9.7
47.5°	28.3	26.9	25.4	23.7	21.9	20.2	18.4	16.4	14.4	12.4	10.5
45°	29.3	28.1	26.6	24.9	23.1	21.3	19.4	17.5	15.3	13.2	11.2
42.5°	30.3	29.1	27.7	26.0	24.2	22.4	20.4	18.4	16.2	14.0	11.8
40°	31.2	30.0	28.7	27.1	25.3	23.4	21.3	19.2	17.1	14.7	12.5
37.5°	32.0	30.8	29.5	28.1	26.4	24.4	22.3	20.0	17.9	15.4	13.0
35°	32.8	31.6	30.4	29.0	27.3	25.3	23.1	20.8	18.6	16.1	13.6
32.5°	33.5	32.3	31.1	29.8	28.2	26.2	24.0	21.5	19.2	16.8	14.1
30°	34.3	32.9	31.7	30.5	29.0	27.0	24.7	22.2	19.8	17.4	14.6
27.5°	35.0	33.4	32.3	31.0	29.6	27.8	25.4	22.8	20.3	17.9	15.1
25°	35.5	33.9	32.7	31.5	30.2	28.4	26.0	23.4	20.8	18.3	15.6
22.5°	36.0	34.3	33.0	32.0	30.7	28.9	26.5	23.9	21.3	18.7	16.0
20°	36.2	34.6	33.3	32.4	31.2	29.3	26.9	24.3	21.7	19.1	16.3
17.5°	36.3	34.8	33.6	32.6	31.5	29.7	27.3	24.7	22.0	19.4	16.7
15°	36.6	35.0	33.8	32.8	31.8	30.1	27.7	25.0	22.3	19.7	16.9
12.5°	37.0	35.2	33.9	33.0	32.0	30.5	27.9	25.3	22.5	19.9	17.2
10°	37.3	35.3	34.0	33.1	32.2	30.9	28.1	25.5	22.8	20.1	17.4
7.5°	37.5	35.3	34.0	33.2	32.4	31.2	28.3	25.7	23.0	20.3	17.5
5°	37.7	35.4	34.0	33.3	32.5	31.4	28.5	25.8	23.1	20.4	17.6
2.5°	37.8	35.4	34.0	33.3	32.6	31.5	28.6	25.8	23.2	20.5	17.7
0°	37.9	35.3	33.9	33.3	32.7	31.5	28.6	25.8	23.3	20.5	17.7
-2.5°	37.8	35.4	34.0	33.3	32.6	31.5	28.6	25.8	23.2	20.5	17.7
-5°	37.7	35.4	34.0	33.3	32.5	31.4	28.5	25.8	23.1	20.4	17.6
-7.5°	37.5	35.3	34.0	33.2	32.4	31.2	28.3	25.7	23.0	20.3	17.5
-10°	37.3	35.3	34.0	33.1	32.2	30.9	28.1	25.5	22.8	20.1	17.4
-12.5°	37.0	35.2	33.9	33.0	32.0	30.5	27.9	25.3	22.5	19.9	17.2
-15°	36.6	35.0	33.8	32.8	31.8	30.1	27.7	25.0	22.3	19.7	16.9
-17.5°	36.3	34.8	33.6	32.6	31.5	29.7	27.3	24.7	22.0	19.4	16.7
-20°	36.2	34.6	33.3	32.4	31.2	29.3	26.9	24.3	21.7	19.1	16.3



REPORT NUMBER: P558479 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	36.0	34.3	33.0	32.0	30.7	28.9	26.5	23.9	21.3	18.7	16.0
-25°	35.5	33.9	32.7	31.5	30.2	28.4	26.0	23.4	20.8	18.3	15.6
-27.5°	35.0	33.4	32.3	31.0	29.6	27.8	25.4	22.8	20.3	17.9	15.1
-30°	34.3	32.9	31.7	30.5	29.0	27.0	24.7	22.2	19.8	17.4	14.6
-32.5°	33.5	32.3	31.1	29.8	28.2	26.2	24.0	21.5	19.2	16.8	14.1
-35°	32.8	31.6	30.4	29.0	27.3	25.3	23.1	20.8	18.6	16.1	13.6
-37.5°	32.0	30.8	29.5	28.1	26.4	24.4	22.3	20.0	17.9	15.4	13.0
-40°	31.2	30.0	28.7	27.1	25.3	23.4	21.3	19.2	17.1	14.7	12.5
-42.5°	30.3	29.1	27.7	26.0	24.2	22.4	20.4	18.4	16.2	14.0	11.8
-45°	29.3	28.1	26.6	24.9	23.1	21.3	19.4	17.5	15.3	13.2	11.2
-47.5°	28.3	26.9	25.4	23.7	21.9	20.2	18.4	16.4	14.4	12.4	10.5
-50°	27.0	25.7	24.1	22.5	20.8	19.0	17.3	15.4	13.5	11.6	9.7
-52.5°	25.6	24.2	22.7	21.2	19.5	17.8	16.1	14.3	12.6	10.8	9.0
-55°	24.0	22.7	21.3	19.7	18.1	16.5	14.8	13.2	11.6	9.9	8.2
-57.5°	22.3	21.1	19.7	18.3	16.7	15.1	13.6	12.1	10.6	9.0	7.5
-60°	20.6	19.4	18.1	16.7	15.2	13.8	12.4	11.0	9.6	8.1	6.8
-62.5°	18.7	17.6	16.3	15.0	13.7	12.5	11.2	9.9	8.5	7.3	6.0
-65°	16.7	15.6	14.5	13.4	12.2	11.1	9.9	8.7	7.5	6.4	5.3
-67.5°	14.7	13.7	12.8	11.8	10.7	9.6	8.5	7.5	6.5	5.5	4.6
-70°	12.6	11.8	11.0	10.0	9.1	8.1	7.3	6.4	5.5	4.7	3.9
-72.5°	10.5	9.8	9.0	8.2	7.5	6.8	6.0	5.3	4.7	4.0	3.2
-75°	8.4	7.8	7.3	6.7	6.1	5.4	4.9	4.4	3.8	3.2	2.6
-77.5°	6.5	6.1	5.6	5.1	4.7	4.3	3.8	3.4	2.9	2.5	2.1
-80°	4.7	4.4	4.0	3.7	3.4	3.1	2.8	2.6	2.2	1.9	1.6
-82.5°	2.9	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.1
-85°	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
-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):

	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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.7	1.3	1.0	0.8	0.5	0.3	0.0
75°	2.2	1.7	1.3	0.9	0.6	0.3	0.0
72.5°	2.6	2.1	1.6	1.1	0.7	0.4	0.0
70°	3.1	2.5	1.9	1.2	0.8	0.4	0.0
67.5°	3.7	2.9	2.2	1.5	0.9	0.5	0.0
65°	4.3	3.3	2.5	1.7	1.0	0.5	0.0
62.5°	4.9	3.8	2.8	2.0	1.1	0.6	0.0
60°	5.4	4.3	3.1	2.2	1.2	0.6	0.0
57.5°	6.1	4.7	3.5	2.4	1.3	0.6	0.0
55°	6.7	5.1	3.8	2.6	1.5	0.7	0.0
52.5°	7.3	5.6	4.1	2.8	1.6	0.7	0.0
50°	7.8	6.1	4.5	3.0	1.8	0.8	0.0
47.5°	8.4	6.5	4.8	3.2	1.9	0.8	0.0
45°	9.0	7.0	5.1	3.5	2.0	0.8	0.0
42.5°	9.6	7.4	5.4	3.7	2.1	0.9	0.0
40°	10.1	7.8	5.7	3.9	2.3	0.9	0.0
37.5°	10.7	8.2	6.0	4.1	2.4	1.0	0.0
35°	11.2	8.6	6.3	4.2	2.5	1.0	0.0
32.5°	11.7	9.0	6.5	4.4	2.6	1.0	0.0
30°	12.1	9.4	6.8	4.6	2.7	1.0	0.0
27.5°	12.5	9.7	7.0	4.7	2.7	1.1	0.0
25°	12.9	10.0	7.3	4.9	2.8	1.1	0.0
22.5°	13.2	10.3	7.5	5.0	2.9	1.1	0.0
20°	13.5	10.6	7.7	5.1	3.0	1.1	0.0
17.5°	13.7	10.8	7.8	5.2	3.0	1.1	0.0
15°	14.0	11.0	8.0	5.3	3.1	1.2	0.0
12.5°	14.2	11.2	8.1	5.3	3.1	1.2	0.0
10°	14.3	11.4	8.3	5.4	3.1	1.2	0.0
7.5°	14.4	11.5	8.3	5.4	3.2	1.2	0.0
5°	14.5	11.5	8.4	5.5	3.2	1.2	0.0
2.5°	14.6	11.6	8.5	5.5	3.2	1.2	0.0
0°	14.6	11.6	8.5	5.5	3.2	1.2	0.0
-2.5°	14.6	11.6	8.5	5.5	3.2	1.2	0.0
-5°	14.5	11.5	8.4	5.5	3.2	1.2	0.0
-7.5°	14.4	11.5	8.3	5.4	3.2	1.2	0.0
-10°	14.3	11.4	8.3	5.4	3.1	1.2	0.0
-12.5°	14.2	11.2	8.1	5.3	3.1	1.2	0.0
-15°	14.0	11.0	8.0	5.3	3.1	1.2	0.0
-17.5°	13.7	10.8	7.8	5.2	3.0	1.1	0.0
-20°	13.5	10.6	7.7	5.1	3.0	1.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.2	10.3	7.5	5.0	2.9	1.1	0.0
-25°	12.9	10.0	7.3	4.9	2.8	1.1	0.0
-27.5°	12.5	9.7	7.0	4.7	2.7	1.1	0.0
-30°	12.1	9.4	6.8	4.6	2.7	1.0	0.0
-32.5°	11.7	9.0	6.5	4.4	2.6	1.0	0.0
-35°	11.2	8.6	6.3	4.2	2.5	1.0	0.0
-37.5°	10.7	8.2	6.0	4.1	2.4	1.0	0.0
-40°	10.1	7.8	5.7	3.9	2.3	0.9	0.0
-42.5°	9.6	7.4	5.4	3.7	2.1	0.9	0.0
-45°	9.0	7.0	5.1	3.5	2.0	0.8	0.0
-47.5°	8.4	6.5	4.8	3.2	1.9	0.8	0.0
-50°	7.8	6.1	4.5	3.0	1.8	0.8	0.0
-52.5°	7.3	5.6	4.1	2.8	1.6	0.7	0.0
-55°	6.7	5.1	3.8	2.6	1.5	0.7	0.0
-57.5°	6.1	4.7	3.5	2.4	1.3	0.6	0.0
-60°	5.4	4.3	3.1	2.2	1.2	0.6	0.0
-62.5°	4.9	3.8	2.8	2.0	1.1	0.6	0.0
-65°	4.3	3.3	2.5	1.7	1.0	0.5	0.0
-67.5°	3.7	2.9	2.2	1.5	0.9	0.5	0.0
-70°	3.1	2.5	1.9	1.2	0.8	0.4	0.0
-72.5°	2.6	2.1	1.6	1.1	0.7	0.4	0.0
-75°	2.2	1.7	1.3	0.9	0.6	0.3	0.0
-77.5°	1.7	1.3	1.0	0.8	0.5	0.3	0.0
-80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)