

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: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558520 (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-940-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

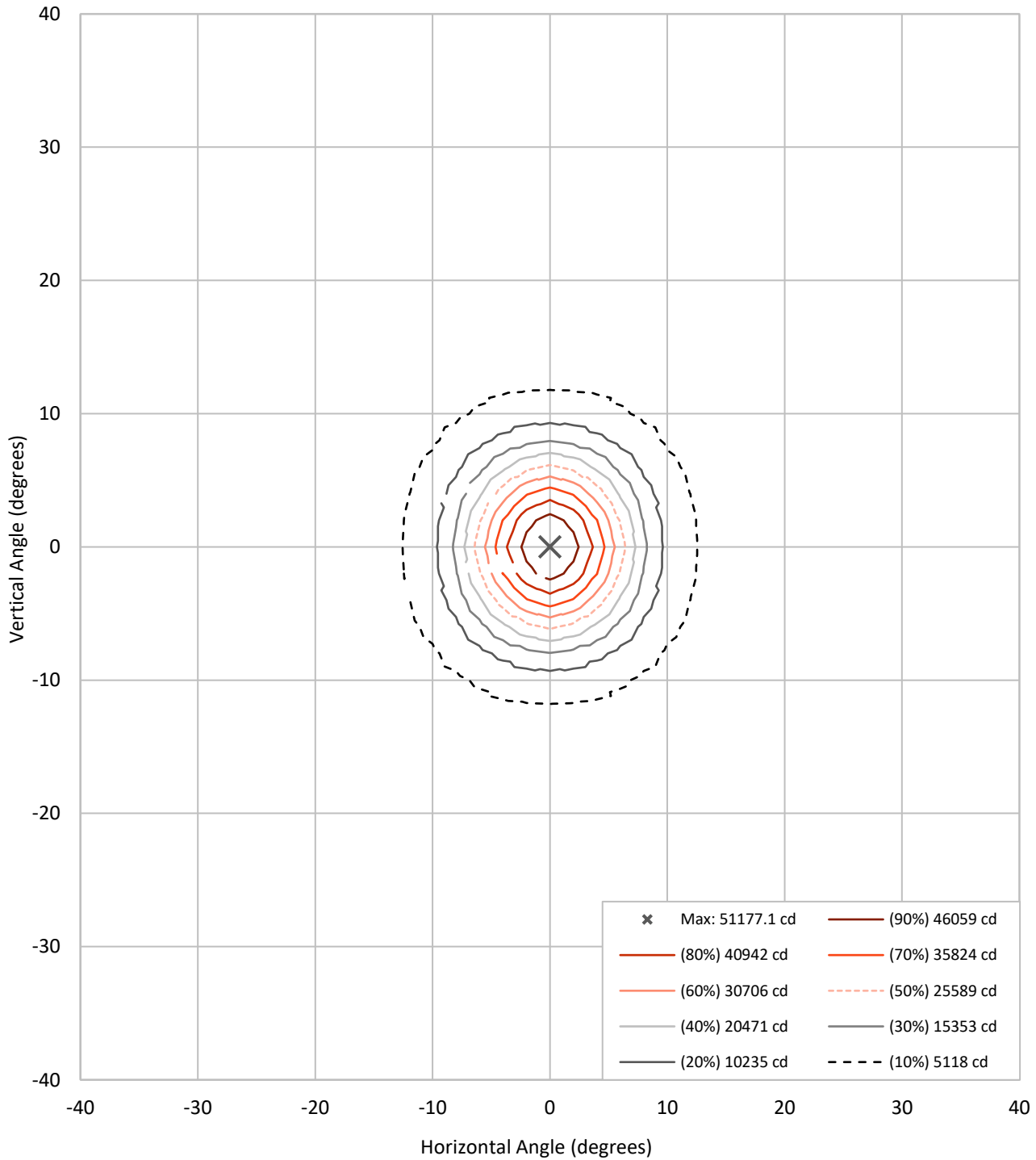
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	3709.7 lumens	Max Intensity:	51177.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1172.2 lumens	Field Lumens:	2596.8 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: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





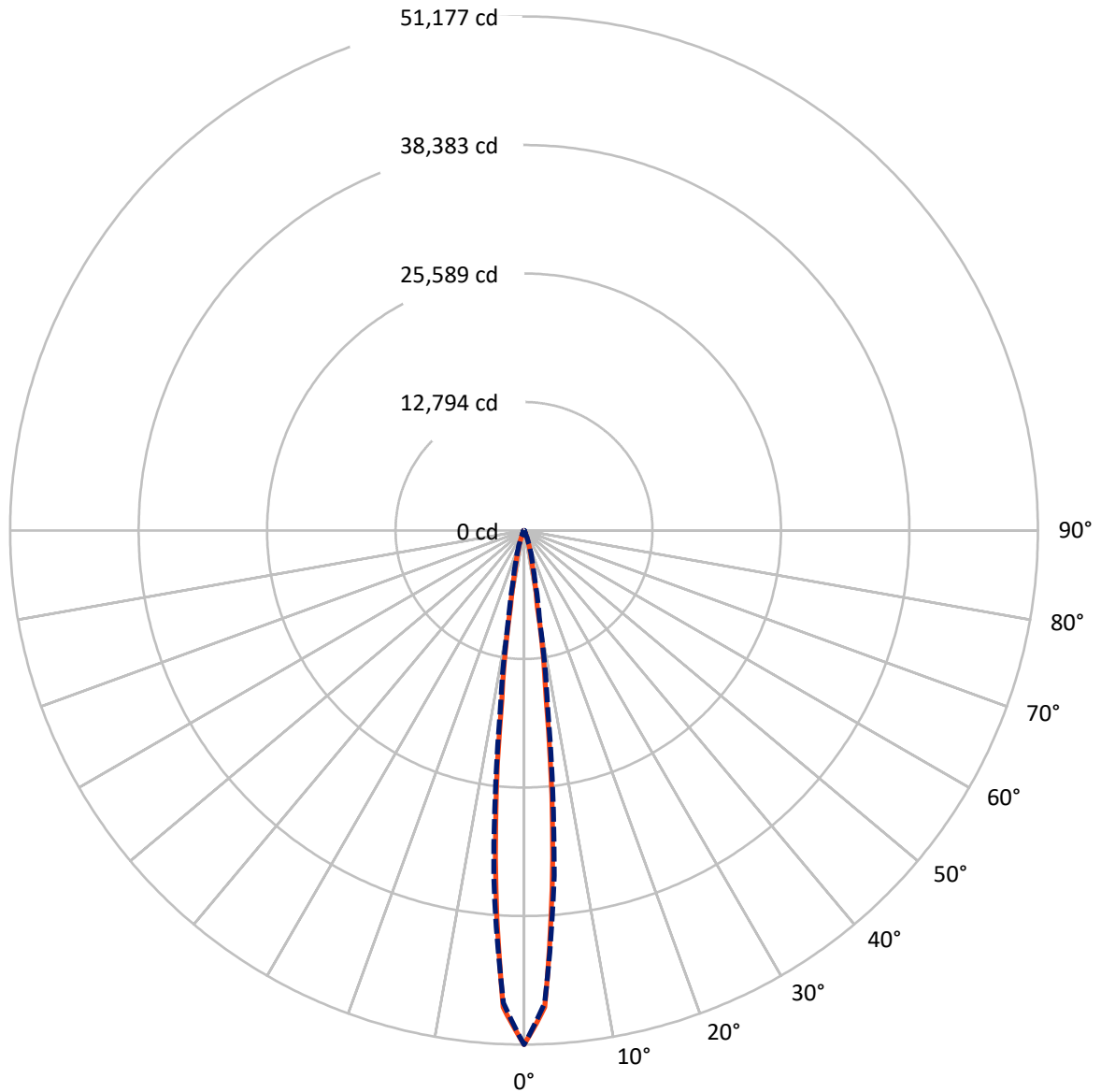
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Lumen Table

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		0.4	0.7	1.1	1.4	1.7	1.8	1.9	1.9	1.8	1.7	1.4	1.1	0.7	0.4				
50	0.4	0.5	0.9	1.3	1.6	1.8	2.1	2.2	2.2	2.1	1.8	1.6	1.3	0.9	0.5	0.4			
40		0.6	1.0	1.4	1.8	2.3	2.8	3.2	3.2	2.8	2.3	1.8	1.4	1.0	0.6				
30	0.5	0.6	1.0	1.5	2.1	3.2	7.1	12.9	12.9	7.1	3.2	2.1	1.5	1.0	0.6	0.5			
20		0.6	1.1	1.5	2.4	6.9	38.9	85.6	85.6	38.9	6.9	2.4	1.5	1.1	0.6				
10	0.5	0.7	1.1	1.6	2.7	13.2	93.4	604.1	604.1	93.4	13.2	2.7	1.6	1.1	0.7	0.5			
0		0.7	1.1	1.6	2.7	13.2	93.4	604.1	604.1	93.4	13.2	2.7	1.6	1.1	0.7				
-10	0.5	0.6	1.1	1.5	2.4	6.9	38.9	85.6	85.6	38.9	6.9	2.4	1.5	1.1	0.6	0.5			
-20		0.6	1.0	1.5	2.1	3.2	7.1	12.9	12.9	7.1	3.2	2.1	1.5	1.0	0.6				
-30	0.4	0.6	1.0	1.4	1.8	2.3	2.8	3.2	3.2	2.8	2.3	1.8	1.4	1.0	0.6	0.4			
-40		0.5	0.9	1.3	1.6	1.8	2.1	2.2	2.2	2.1	1.8	1.6	1.3	0.9	0.5				
-50	0.2	0.4	0.7	1.1	1.4	1.7	1.8	1.9	1.9	1.8	1.7	1.4	1.1	0.7	0.4	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							0.1			
-80		0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1									
-90	0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	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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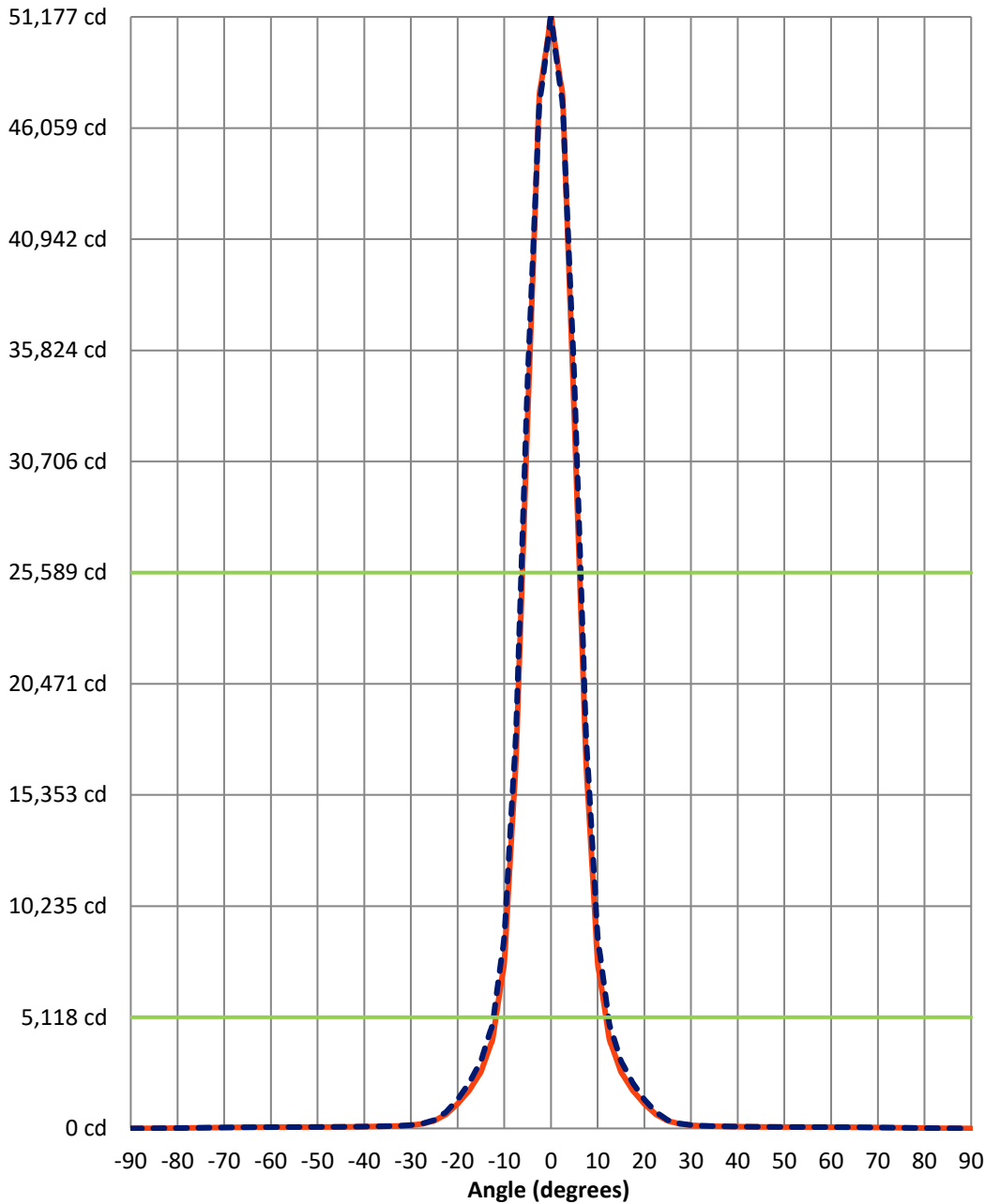
Luminous Intensity Polar Plot



— 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: 1172.2
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 2596.8
Efficiency: 70.0%

Spill:
Lumens: 1112.9
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	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.4	0.7	1.1	1.4	1.6	1.9	2.2	2.5	2.9	3.4
80°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	3.1	3.7	4.3	5.0
77.5°	0.0	0.6	1.2	1.8	2.2	2.8	3.4	4.2	4.9	5.7	6.6
75°	0.0	0.7	1.4	2.1	2.7	3.5	4.3	5.2	6.2	7.3	8.3
72.5°	0.0	0.8	1.7	2.4	3.3	4.2	5.2	6.3	7.6	8.8	10.0
70°	0.0	1.0	1.9	2.8	3.9	5.0	6.1	7.5	9.0	10.3	12.3
67.5°	0.0	1.1	2.1	3.2	4.4	5.7	7.1	8.7	10.3	12.5	14.7
65°	0.0	1.2	2.4	3.6	5.0	6.4	8.2	10.0	12.2	14.6	17.1
62.5°	0.0	1.3	2.6	4.0	5.5	7.3	9.2	11.4	13.9	16.6	19.6
60°	0.0	1.4	2.8	4.4	6.1	8.1	10.2	12.8	15.6	18.9	22.1
57.5°	0.0	1.5	3.1	4.8	6.7	8.9	11.4	14.3	17.5	21.0	24.6
55°	0.0	1.6	3.3	5.2	7.3	9.7	12.6	15.7	19.4	23.2	27.0
52.5°	0.0	1.7	3.5	5.6	7.9	10.5	13.7	17.2	21.2	25.3	29.4
50°	0.0	1.8	3.8	5.9	8.5	11.4	14.9	18.8	23.0	27.4	31.8
47.5°	0.0	1.9	4.0	6.3	9.0	12.3	16.0	20.3	24.8	29.4	34.1
45°	0.0	2.0	4.2	6.7	9.6	13.2	17.2	21.7	26.5	31.4	36.3
42.5°	0.0	2.1	4.4	7.1	10.1	14.0	18.4	23.1	28.2	33.3	38.2
40°	0.0	2.1	4.6	7.4	10.6	14.8	19.5	24.5	29.8	35.2	40.0
37.5°	0.0	2.2	4.8	7.7	11.2	15.6	20.5	25.8	31.3	36.9	41.7
35°	0.0	2.3	5.0	8.0	11.8	16.3	21.5	27.1	32.8	38.3	43.3
32.5°	0.0	2.4	5.1	8.3	12.3	17.1	22.4	28.2	34.1	39.6	44.6
30°	0.0	2.4	5.3	8.6	12.8	17.8	23.4	29.3	35.4	40.9	45.8
27.5°	0.0	2.5	5.4	8.8	13.3	18.5	24.2	30.3	36.5	42.0	46.9
25°	0.0	2.5	5.6	9.1	13.7	19.1	25.0	31.3	37.4	43.0	48.0
22.5°	0.0	2.6	5.7	9.3	14.1	19.6	25.7	32.1	38.3	43.8	48.8
20°	0.0	2.6	5.8	9.4	14.4	20.1	26.4	32.9	39.0	44.6	49.5
17.5°	0.0	2.7	5.9	9.6	14.7	20.5	26.9	33.5	39.7	45.2	50.1
15°	0.0	2.7	6.0	9.7	15.0	20.9	27.5	34.1	40.3	45.8	50.7
12.5°	0.0	2.7	6.0	9.8	15.3	21.3	27.9	34.6	40.7	46.3	51.2
10°	0.0	2.8	6.1	9.9	15.5	21.5	28.3	34.9	41.1	46.7	51.6
7.5°	0.0	2.8	6.1	10.0	15.6	21.7	28.5	35.2	41.4	46.9	51.8
5°	0.0	2.8	6.2	10.0	15.7	21.9	28.7	35.4	41.6	47.1	52.0
2.5°	0.0	2.8	6.2	10.0	15.8	22.0	28.9	35.5	41.7	47.2	52.0
0°	0.0	2.8	6.2	10.0	15.8	22.0	28.9	35.5	41.7	47.2	52.0
-2.5°	0.0	2.8	6.2	10.0	15.8	22.0	28.9	35.5	41.7	47.2	52.0
-5°	0.0	2.8	6.2	10.0	15.7	21.9	28.7	35.4	41.6	47.1	52.0
-7.5°	0.0	2.8	6.1	10.0	15.6	21.7	28.5	35.2	41.4	46.9	51.8
-10°	0.0	2.8	6.1	9.9	15.5	21.5	28.3	34.9	41.1	46.7	51.6
-12.5°	0.0	2.7	6.0	9.8	15.3	21.3	27.9	34.6	40.7	46.3	51.2
-15°	0.0	2.7	6.0	9.7	15.0	20.9	27.5	34.1	40.3	45.8	50.7
-17.5°	0.0	2.7	5.9	9.6	14.7	20.5	26.9	33.5	39.7	45.2	50.1
-20°	0.0	2.6	5.8	9.4	14.4	20.1	26.4	32.9	39.0	44.6	49.5



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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	2.6	5.7	9.3	14.1	19.6	25.7	32.1	38.3	43.8	48.8
-25°	0.0	2.5	5.6	9.1	13.7	19.1	25.0	31.3	37.4	43.0	48.0
-27.5°	0.0	2.5	5.4	8.8	13.3	18.5	24.2	30.3	36.5	42.0	46.9
-30°	0.0	2.4	5.3	8.6	12.8	17.8	23.4	29.3	35.4	40.9	45.8
-32.5°	0.0	2.4	5.1	8.3	12.3	17.1	22.4	28.2	34.1	39.6	44.6
-35°	0.0	2.3	5.0	8.0	11.8	16.3	21.5	27.1	32.8	38.3	43.3
-37.5°	0.0	2.2	4.8	7.7	11.2	15.6	20.5	25.8	31.3	36.9	41.7
-40°	0.0	2.1	4.6	7.4	10.6	14.8	19.5	24.5	29.8	35.2	40.0
-42.5°	0.0	2.1	4.4	7.1	10.1	14.0	18.4	23.1	28.2	33.3	38.2
-45°	0.0	2.0	4.2	6.7	9.6	13.2	17.2	21.7	26.5	31.4	36.3
-47.5°	0.0	1.9	4.0	6.3	9.0	12.3	16.0	20.3	24.8	29.4	34.1
-50°	0.0	1.8	3.8	5.9	8.5	11.4	14.9	18.8	23.0	27.4	31.8
-52.5°	0.0	1.7	3.5	5.6	7.9	10.5	13.7	17.2	21.2	25.3	29.4
-55°	0.0	1.6	3.3	5.2	7.3	9.7	12.6	15.7	19.4	23.2	27.0
-57.5°	0.0	1.5	3.1	4.8	6.7	8.9	11.4	14.3	17.5	21.0	24.6
-60°	0.0	1.4	2.8	4.4	6.1	8.1	10.2	12.8	15.6	18.9	22.1
-62.5°	0.0	1.3	2.6	4.0	5.5	7.3	9.2	11.4	13.9	16.6	19.6
-65°	0.0	1.2	2.4	3.6	5.0	6.4	8.2	10.0	12.2	14.6	17.1
-67.5°	0.0	1.1	2.1	3.2	4.4	5.7	7.1	8.7	10.3	12.5	14.7
-70°	0.0	1.0	1.9	2.8	3.9	5.0	6.1	7.5	9.0	10.3	12.3
-72.5°	0.0	0.8	1.7	2.4	3.3	4.2	5.2	6.3	7.6	8.8	10.0
-75°	0.0	0.7	1.4	2.1	2.7	3.5	4.3	5.2	6.2	7.3	8.3
-77.5°	0.0	0.6	1.2	1.8	2.2	2.8	3.4	4.2	4.9	5.7	6.6
-80°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	3.1	3.7	4.3	5.0
-82.5°	0.0	0.4	0.7	1.1	1.4	1.6	1.9	2.2	2.5	2.9	3.4
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.4	0.5	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



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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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.6	2.9	3.1	3.2	3.4	3.6	3.8	4.0	4.2
82.5°	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.8	6.3	6.8	7.3
80°	5.5	5.8	6.4	7.0	7.7	8.3	8.9	9.4	10.0	10.7	11.4
77.5°	7.3	8.1	9.0	9.9	10.8	11.8	12.9	13.9	14.9	15.7	16.4
75°	9.3	10.3	11.8	13.2	14.6	15.9	17.3	18.6	19.8	20.9	22.0
72.5°	11.5	13.3	15.0	16.7	18.4	20.1	21.7	23.2	24.7	26.2	27.5
70°	14.3	16.3	18.3	20.4	22.5	24.3	26.2	28.0	29.9	31.5	33.0
67.5°	17.0	19.4	21.8	24.1	26.3	28.5	30.6	32.8	34.8	36.6	38.1
65°	19.8	22.5	25.1	27.7	30.1	32.6	35.0	37.4	39.3	40.9	42.5
62.5°	22.6	25.6	28.4	31.2	33.9	36.7	39.0	41.2	43.2	44.9	46.6
60°	25.4	28.6	31.7	34.8	37.7	40.2	42.6	44.7	46.7	48.7	50.1
57.5°	28.2	31.6	35.0	38.2	40.9	43.5	45.8	48.1	49.8	51.4	52.9
55°	30.9	34.6	38.1	41.2	44.0	46.4	48.8	50.7	52.4	53.8	55.3
52.5°	33.5	37.4	40.9	44.0	46.7	49.1	51.2	53.1	54.7	56.1	57.4
50°	36.1	39.9	43.5	46.4	49.1	51.5	53.4	55.2	56.7	58.1	59.2
47.5°	38.4	42.4	45.7	48.7	51.3	53.5	55.4	57.1	58.6	59.8	60.9
45°	40.6	44.5	47.8	50.7	53.3	55.3	57.1	58.9	60.2	61.4	62.2
42.5°	42.6	46.4	49.7	52.7	54.9	56.9	58.8	60.3	61.6	62.7	63.6
40°	44.4	48.2	51.4	54.2	56.5	58.3	60.0	61.6	62.9	63.9	64.9
37.5°	46.0	49.8	53.0	55.6	57.7	59.5	61.2	62.7	64.0	65.0	66.4
35°	47.6	51.2	54.3	56.7	58.8	60.6	62.2	63.7	65.0	66.4	68.0
32.5°	49.0	52.6	55.4	57.7	59.7	61.5	63.2	64.7	66.1	67.8	69.7
30°	50.1	53.6	56.4	58.5	60.5	62.3	64.1	65.7	67.2	69.2	71.8
27.5°	51.2	54.6	57.1	59.2	61.3	62.9	64.8	66.6	68.4	70.8	74.0
25°	52.1	55.4	57.8	59.9	61.8	63.5	65.4	67.2	69.6	72.7	76.9
22.5°	53.0	56.2	58.3	60.5	62.3	64.1	66.0	68.0	70.7	74.5	79.9
20°	53.6	56.7	58.8	61.0	62.6	64.6	66.5	68.7	71.9	76.8	83.2
17.5°	54.2	57.1	59.2	61.2	63.0	65.0	66.9	69.3	72.9	79.1	86.1
15°	54.7	57.4	59.5	61.4	63.3	65.3	67.4	70.0	74.3	81.2	88.7
12.5°	55.1	57.6	59.7	61.6	63.5	65.5	67.7	70.7	75.8	83.1	91.4
10°	55.5	57.8	59.9	61.7	63.7	65.6	68.0	71.1	76.8	84.2	92.9
7.5°	55.7	58.0	60.0	61.8	63.8	65.6	68.2	71.4	77.4	84.8	93.8
5°	55.8	58.1	60.2	61.9	64.0	65.7	68.4	71.4	77.7	84.9	94.1
2.5°	55.9	58.2	60.3	62.0	64.1	65.9	68.7	71.8	77.9	85.4	94.3
0°	55.8	58.2	60.3	62.0	64.1	65.9	68.9	72.0	77.9	85.8	94.4
-2.5°	55.9	58.2	60.3	62.0	64.1	65.9	68.7	71.8	77.9	85.4	94.3
-5°	55.8	58.1	60.2	61.9	64.0	65.7	68.4	71.4	77.7	84.9	94.1
-7.5°	55.7	58.0	60.0	61.8	63.8	65.6	68.2	71.4	77.4	84.8	93.8
-10°	55.5	57.8	59.9	61.7	63.7	65.6	68.0	71.1	76.8	84.2	92.9
-12.5°	55.1	57.6	59.7	61.6	63.5	65.5	67.7	70.7	75.8	83.1	91.4
-15°	54.7	57.4	59.5	61.4	63.3	65.3	67.4	70.0	74.3	81.2	88.7
-17.5°	54.2	57.1	59.2	61.2	63.0	65.0	66.9	69.3	72.9	79.1	86.1
-20°	53.6	56.7	58.8	61.0	62.6	64.6	66.5	68.7	71.9	76.8	83.2



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	53.0	56.2	58.3	60.5	62.3	64.1	66.0	68.0	70.7	74.5	79.9
-25°	52.1	55.4	57.8	59.9	61.8	63.5	65.4	67.2	69.6	72.7	76.9
-27.5°	51.2	54.6	57.1	59.2	61.3	62.9	64.8	66.6	68.4	70.8	74.0
-30°	50.1	53.6	56.4	58.5	60.5	62.3	64.1	65.7	67.2	69.2	71.8
-32.5°	49.0	52.6	55.4	57.7	59.7	61.5	63.2	64.7	66.1	67.8	69.7
-35°	47.6	51.2	54.3	56.7	58.8	60.6	62.2	63.7	65.0	66.4	68.0
-37.5°	46.0	49.8	53.0	55.6	57.7	59.5	61.2	62.7	64.0	65.0	66.4
-40°	44.4	48.2	51.4	54.2	56.5	58.3	60.0	61.6	62.9	63.9	64.9
-42.5°	42.6	46.4	49.7	52.7	54.9	56.9	58.8	60.3	61.6	62.7	63.6
-45°	40.6	44.5	47.8	50.7	53.3	55.3	57.1	58.9	60.2	61.4	62.2
-47.5°	38.4	42.4	45.7	48.7	51.3	53.5	55.4	57.1	58.6	59.8	60.9
-50°	36.1	39.9	43.5	46.4	49.1	51.5	53.4	55.2	56.7	58.1	59.2
-52.5°	33.5	37.4	40.9	44.0	46.7	49.1	51.2	53.1	54.7	56.1	57.4
-55°	30.9	34.6	38.1	41.2	44.0	46.4	48.8	50.7	52.4	53.8	55.3
-57.5°	28.2	31.6	35.0	38.2	40.9	43.5	45.8	48.1	49.8	51.4	52.9
-60°	25.4	28.6	31.7	34.8	37.7	40.2	42.6	44.7	46.7	48.7	50.1
-62.5°	22.6	25.6	28.4	31.2	33.9	36.7	39.0	41.2	43.2	44.9	46.6
-65°	19.8	22.5	25.1	27.7	30.1	32.6	35.0	37.4	39.3	40.9	42.5
-67.5°	17.0	19.4	21.8	24.1	26.3	28.5	30.6	32.8	34.8	36.6	38.1
-70°	14.3	16.3	18.3	20.4	22.5	24.3	26.2	28.0	29.9	31.5	33.0
-72.5°	11.5	13.3	15.0	16.7	18.4	20.1	21.7	23.2	24.7	26.2	27.5
-75°	9.3	10.3	11.8	13.2	14.6	15.9	17.3	18.6	19.8	20.9	22.0
-77.5°	7.3	8.1	9.0	9.9	10.8	11.8	12.9	13.9	14.9	15.7	16.4
-80°	5.5	5.8	6.4	7.0	7.7	8.3	8.9	9.4	10.0	10.7	11.4
-82.5°	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.8	6.3	6.8	7.3
-85°	2.2	2.4	2.6	2.9	3.1	3.2	3.4	3.6	3.8	4.0	4.2
-87.5°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	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: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
85°	4.4	4.6	4.8	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.8
82.5°	7.7	8.1	8.4	8.8	9.1	9.3	9.5	9.7	9.8	10.0	10.1
80°	12.0	12.6	13.1	13.7	14.2	14.5	14.9	15.2	15.4	15.6	15.8
77.5°	17.2	18.0	18.8	19.5	20.1	20.7	21.2	21.6	21.9	22.3	22.7
75°	23.0	24.0	24.9	25.8	26.5	27.2	27.8	28.4	28.8	29.3	29.6
72.5°	28.9	30.1	31.1	32.0	32.9	33.6	34.4	35.1	35.8	36.3	36.6
70°	34.4	35.6	36.8	37.8	38.7	39.7	40.7	41.6	42.4	43.0	43.3
67.5°	39.4	40.7	42.0	43.2	44.4	45.4	46.4	47.3	48.1	48.7	49.0
65°	44.0	45.3	46.7	48.0	49.2	50.1	51.0	51.9	52.7	53.3	53.8
62.5°	48.2	49.6	50.8	51.9	52.9	53.7	54.6	55.4	56.1	56.7	57.3
60°	51.5	52.9	54.0	55.0	55.9	56.8	57.5	58.1	58.6	59.0	59.3
57.5°	54.3	55.6	56.7	57.6	58.4	59.3	59.9	60.2	60.5	60.7	60.9
55°	56.7	57.7	58.7	59.6	60.5	61.2	61.7	62.0	62.1	62.2	62.3
52.5°	58.6	59.6	60.6	61.5	62.2	62.8	63.3	63.4	63.5	63.6	63.6
50°	60.4	61.4	62.1	62.9	63.6	64.1	64.6	64.8	64.9	65.0	64.9
47.5°	61.8	62.6	63.5	64.3	65.0	65.6	66.1	66.4	66.6	66.7	66.7
45°	63.0	64.1	65.0	65.9	66.6	67.5	68.2	68.7	69.2	69.5	69.7
42.5°	64.5	65.6	66.5	67.8	68.9	70.0	71.2	72.2	73.3	74.4	75.2
40°	66.0	67.1	68.7	70.2	71.9	73.4	75.8	78.3	80.1	81.7	83.2
37.5°	67.7	69.3	71.2	73.1	75.9	78.7	81.8	84.8	87.5	89.9	91.8
35°	69.7	71.9	74.2	77.6	81.1	84.5	88.2	92.3	95.8	98.3	100.1
32.5°	72.1	74.9	78.6	82.9	87.2	91.7	96.2	100.7	104.1	107.6	111.1
30°	74.8	78.8	83.6	88.9	94.2	99.6	105.2	111.4	117.4	123.8	133.0
27.5°	78.3	83.1	88.7	95.0	101.3	107.7	117.6	128.3	144.3	157.1	178.8
25°	81.9	87.6	94.3	101.5	109.3	120.8	138.7	160.0	197.7	226.9	271.2
22.5°	86.0	92.6	100.0	108.3	120.9	142.6	173.3	227.9	303.8	378.8	462.2
20°	90.0	97.3	105.4	118.0	139.4	173.7	240.3	358.3	490.0	677.7	835.2
17.5°	93.8	101.6	111.9	128.9	160.9	229.8	358.8	560.9	836.2	1138.6	1390.8
15°	97.1	105.1	118.9	145.9	200.0	307.4	502.1	846.1	1308.6	1722.7	2092.0
12.5°	99.9	109.4	126.6	159.7	233.9	392.8	705.3	1193.7	1758.5	2339.2	2806.6
10°	102.0	114.0	136.9	185.1	287.9	494.6	874.6	1490.8	2170.7	2876.5	3721.5
7.5°	103.3	117.3	144.6	204.0	336.0	607.9	1087.1	1755.9	2536.7	3500.3	4791.3
5°	104.1	119.5	150.3	218.2	368.1	682.8	1221.2	1956.9	2852.6	4245.9	6902.7
2.5°	104.6	120.4	153.6	225.9	382.8	721.3	1315.5	2071.9	3044.8	4771.8	8365.5
0°	104.4	119.9	154.0	227.7	384.8	750.7	1331.3	2104.7	3109.7	4818.9	8834.4
-2.5°	104.6	120.4	153.6	225.9	382.8	721.3	1315.5	2071.9	3044.8	4771.8	8365.5
-5°	104.1	119.5	150.3	218.2	368.1	682.8	1221.2	1956.9	2852.6	4245.9	6902.7
-7.5°	103.3	117.3	144.6	204.0	336.0	607.9	1087.1	1755.9	2536.7	3500.3	4791.3
-10°	102.0	114.0	136.9	185.1	287.9	494.6	874.6	1490.8	2170.7	2876.5	3721.5
-12.5°	99.9	109.4	126.6	159.7	233.9	392.8	705.3	1193.7	1758.5	2339.2	2806.6
-15°	97.1	105.1	118.9	145.9	200.0	307.4	502.1	846.1	1308.6	1722.7	2092.0
-17.5°	93.8	101.6	111.9	128.9	160.9	229.8	358.8	560.9	836.2	1138.6	1390.8
-20°	90.0	97.3	105.4	118.0	139.4	173.7	240.3	358.3	490.0	677.7	835.2



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	86.0	92.6	100.0	108.3	120.9	142.6	173.3	227.9	303.8	378.8	462.2
-25°	81.9	87.6	94.3	101.5	109.3	120.8	138.7	160.0	197.7	226.9	271.2
-27.5°	78.3	83.1	88.7	95.0	101.3	107.7	117.6	128.3	144.3	157.1	178.8
-30°	74.8	78.8	83.6	88.9	94.2	99.6	105.2	111.4	117.4	123.8	133.0
-32.5°	72.1	74.9	78.6	82.9	87.2	91.7	96.2	100.7	104.1	107.6	111.1
-35°	69.7	71.9	74.2	77.6	81.1	84.5	88.2	92.3	95.8	98.3	100.1
-37.5°	67.7	69.3	71.2	73.1	75.9	78.7	81.8	84.8	87.5	89.9	91.8
-40°	66.0	67.1	68.7	70.2	71.9	73.4	75.8	78.3	80.1	81.7	83.2
-42.5°	64.5	65.6	66.5	67.8	68.9	70.0	71.2	72.2	73.3	74.4	75.2
-45°	63.0	64.1	65.0	65.9	66.6	67.5	68.2	68.7	69.2	69.5	69.7
-47.5°	61.8	62.6	63.5	64.3	65.0	65.6	66.1	66.4	66.6	66.7	66.7
-50°	60.4	61.4	62.1	62.9	63.6	64.1	64.6	64.8	64.9	65.0	64.9
-52.5°	58.6	59.6	60.6	61.5	62.2	62.8	63.3	63.4	63.5	63.6	63.6
-55°	56.7	57.7	58.7	59.6	60.5	61.2	61.7	62.0	62.1	62.2	62.3
-57.5°	54.3	55.6	56.7	57.6	58.4	59.3	59.9	60.2	60.5	60.7	60.9
-60°	51.5	52.9	54.0	55.0	55.9	56.8	57.5	58.1	58.6	59.0	59.3
-62.5°	48.2	49.6	50.8	51.9	52.9	53.7	54.6	55.4	56.1	56.7	57.3
-65°	44.0	45.3	46.7	48.0	49.2	50.1	51.0	51.9	52.7	53.3	53.8
-67.5°	39.4	40.7	42.0	43.2	44.4	45.4	46.4	47.3	48.1	48.7	49.0
-70°	34.4	35.6	36.8	37.8	38.7	39.7	40.7	41.6	42.4	43.0	43.3
-72.5°	28.9	30.1	31.1	32.0	32.9	33.6	34.4	35.1	35.8	36.3	36.6
-75°	23.0	24.0	24.9	25.8	26.5	27.2	27.8	28.4	28.8	29.3	29.6
-77.5°	17.2	18.0	18.8	19.5	20.1	20.7	21.2	21.6	21.9	22.3	22.7
-80°	12.0	12.6	13.1	13.7	14.2	14.5	14.9	15.2	15.4	15.6	15.8
-82.5°	7.7	8.1	8.4	8.8	9.1	9.3	9.5	9.7	9.8	10.0	10.1
-85°	4.4	4.6	4.8	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.8
-87.5°	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
82.5°	10.2	10.2	10.3	10.3	10.3	10.2	10.2	10.1	10.0	9.8	9.7
80°	16.0	16.1	16.2	16.2	16.2	16.1	16.0	15.8	15.6	15.4	15.2
77.5°	23.0	23.3	23.4	23.4	23.4	23.3	23.0	22.7	22.3	21.9	21.6
75°	29.9	30.1	30.3	30.3	30.3	30.1	29.9	29.6	29.3	28.8	28.4
72.5°	36.9	37.0	37.3	37.3	37.3	37.0	36.9	36.6	36.3	35.8	35.1
70°	43.5	43.6	43.9	43.9	43.9	43.6	43.5	43.3	43.0	42.4	41.6
67.5°	49.3	49.4	49.4	49.3	49.4	49.4	49.3	49.0	48.7	48.1	47.3
65°	54.2	54.6	54.6	54.4	54.6	54.6	54.2	53.8	53.3	52.7	51.9
62.5°	57.9	58.4	58.6	58.6	58.6	58.4	57.9	57.3	56.7	56.1	55.4
60°	59.6	59.8	59.9	59.9	59.9	59.8	59.6	59.3	59.0	58.6	58.1
57.5°	61.0	61.0	61.0	61.0	61.0	61.0	61.0	60.9	60.7	60.5	60.2
55°	62.3	62.3	62.2	62.0	62.2	62.3	62.3	62.3	62.2	62.1	62.0
52.5°	63.5	63.4	63.2	63.0	63.2	63.4	63.5	63.6	63.6	63.5	63.4
50°	64.7	64.5	64.4	64.4	64.4	64.5	64.7	64.9	65.0	64.9	64.8
47.5°	66.6	66.5	66.5	66.5	66.5	66.5	66.6	66.7	66.7	66.6	66.4
45°	69.7	69.6	69.5	69.6	69.5	69.6	69.7	69.7	69.5	69.2	68.7
42.5°	75.7	75.7	75.7	75.8	75.7	75.7	75.7	75.2	74.4	73.3	72.2
40°	83.8	83.7	83.4	83.4	83.4	83.7	83.8	83.2	81.7	80.1	78.3
37.5°	92.6	92.7	92.4	92.3	92.4	92.7	92.6	91.8	89.9	87.5	84.8
35°	101.0	101.3	101.2	100.9	101.2	101.3	101.0	100.1	98.3	95.8	92.3
32.5°	113.6	115.5	116.5	116.1	116.5	115.5	113.6	111.1	107.6	104.1	100.7
30°	138.8	143.7	146.4	147.5	146.4	143.7	138.8	133.0	123.8	117.4	111.4
27.5°	194.3	205.2	210.1	211.9	210.1	205.2	194.3	178.8	157.1	144.3	128.3
25°	309.9	334.6	346.8	350.7	346.8	334.6	309.9	271.2	226.9	197.7	160.0
22.5°	554.1	601.7	634.3	641.5	634.3	601.7	554.1	462.2	378.8	303.8	227.9
20°	993.5	1085.6	1135.6	1131.1	1135.6	1085.6	993.5	835.2	677.7	490.0	358.3
17.5°	1605.2	1723.4	1779.6	1753.3	1779.6	1723.4	1605.2	1390.8	1138.6	836.2	560.9
15°	2353.2	2512.8	2582.4	2603.9	2582.4	2512.8	2353.2	2092.0	1722.7	1308.6	846.1
12.5°	3273.2	3796.4	4046.6	4113.7	4046.6	3796.4	3273.2	2806.6	2339.2	1758.5	1193.7
10°	4585.7	6344.5	7390.7	7646.1	7390.7	6344.5	4585.7	3721.5	2876.5	2170.7	1490.8
7.5°	7488.9	11062.9	15066.5	16962.5	15066.5	11062.9	7488.9	4791.3	3500.3	2536.7	1755.9
5°	11420.6	19821.4	29091.0	32724.9	29091.0	19821.4	11420.6	6902.7	4245.9	2852.6	1956.9
2.5°	16200.2	29928.7	42737.1	47511.9	42737.1	29928.7	16200.2	8365.5	4771.8	3044.8	2071.9
0°	18219.5	34504.4	47087.1	51177.1	47087.1	34504.4	18219.5	8834.4	4818.9	3109.7	2104.7
-2.5°	16200.2	29928.7	42737.1	47511.9	42737.1	29928.7	16200.2	8365.5	4771.8	3044.8	2071.9
-5°	11420.6	19821.4	29091.0	32724.9	29091.0	19821.4	11420.6	6902.7	4245.9	2852.6	1956.9
-7.5°	7488.9	11062.9	15066.5	16962.5	15066.5	11062.9	7488.9	4791.3	3500.3	2536.7	1755.9
-10°	4585.7	6344.5	7390.7	7646.1	7390.7	6344.5	4585.7	3721.5	2876.5	2170.7	1490.8
-12.5°	3273.2	3796.4	4046.6	4113.7	4046.6	3796.4	3273.2	2806.6	2339.2	1758.5	1193.7
-15°	2353.2	2512.8	2582.4	2603.9	2582.4	2512.8	2353.2	2092.0	1722.7	1308.6	846.1
-17.5°	1605.2	1723.4	1779.6	1753.3	1779.6	1723.4	1605.2	1390.8	1138.6	836.2	560.9
-20°	993.5	1085.6	1135.6	1131.1	1135.6	1085.6	993.5	835.2	677.7	490.0	358.3



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	554.1	601.7	634.3	641.5	634.3	601.7	554.1	462.2	378.8	303.8	227.9
-25°	309.9	334.6	346.8	350.7	346.8	334.6	309.9	271.2	226.9	197.7	160.0
-27.5°	194.3	205.2	210.1	211.9	210.1	205.2	194.3	178.8	157.1	144.3	128.3
-30°	138.8	143.7	146.4	147.5	146.4	143.7	138.8	133.0	123.8	117.4	111.4
-32.5°	113.6	115.5	116.5	116.1	116.5	115.5	113.6	111.1	107.6	104.1	100.7
-35°	101.0	101.3	101.2	100.9	101.2	101.3	101.0	100.1	98.3	95.8	92.3
-37.5°	92.6	92.7	92.4	92.3	92.4	92.7	92.6	91.8	89.9	87.5	84.8
-40°	83.8	83.7	83.4	83.4	83.4	83.7	83.8	83.2	81.7	80.1	78.3
-42.5°	75.7	75.7	75.7	75.8	75.7	75.7	75.7	75.2	74.4	73.3	72.2
-45°	69.7	69.6	69.5	69.6	69.5	69.6	69.7	69.7	69.5	69.2	68.7
-47.5°	66.6	66.5	66.5	66.5	66.5	66.5	66.6	66.7	66.7	66.6	66.4
-50°	64.7	64.5	64.4	64.4	64.4	64.5	64.7	64.9	65.0	64.9	64.8
-52.5°	63.5	63.4	63.2	63.0	63.2	63.4	63.5	63.6	63.6	63.5	63.4
-55°	62.3	62.3	62.2	62.0	62.2	62.3	62.3	62.3	62.2	62.1	62.0
-57.5°	61.0	61.0	61.0	61.0	61.0	61.0	61.0	60.9	60.7	60.5	60.2
-60°	59.6	59.8	59.9	59.9	59.9	59.8	59.6	59.3	59.0	58.6	58.1
-62.5°	57.9	58.4	58.6	58.6	58.6	58.4	57.9	57.3	56.7	56.1	55.4
-65°	54.2	54.6	54.6	54.4	54.6	54.6	54.2	53.8	53.3	52.7	51.9
-67.5°	49.3	49.4	49.4	49.3	49.4	49.4	49.3	49.0	48.7	48.1	47.3
-70°	43.5	43.6	43.9	44.1	43.9	43.6	43.5	43.3	43.0	42.4	41.6
-72.5°	36.9	37.0	37.3	37.6	37.3	37.0	36.9	36.6	36.3	35.8	35.1
-75°	29.9	30.1	30.3	30.3	30.3	30.1	29.9	29.6	29.3	28.8	28.4
-77.5°	23.0	23.3	23.4	23.4	23.4	23.3	23.0	22.7	22.3	21.9	21.6
-80°	16.0	16.1	16.2	16.2	16.2	16.1	16.0	15.8	15.6	15.4	15.2
-82.5°	10.2	10.2	10.3	10.3	10.3	10.2	10.2	10.1	10.0	9.8	9.7
-85°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	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: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	2.0	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.7
85°	5.4	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
82.5°	9.5	9.3	9.1	8.8	8.4	8.1	7.7	7.3	6.8	6.3	5.8
80°	14.9	14.5	14.2	13.7	13.1	12.6	12.0	11.4	10.7	10.0	9.4
77.5°	21.2	20.7	20.1	19.5	18.8	18.0	17.2	16.4	15.7	14.9	13.9
75°	27.8	27.2	26.5	25.8	24.9	24.0	23.0	22.0	20.9	19.8	18.6
72.5°	34.4	33.6	32.9	32.0	31.1	30.1	28.9	27.5	26.2	24.7	23.2
70°	40.7	39.7	38.7	37.8	36.8	35.6	34.4	33.0	31.5	29.9	28.0
67.5°	46.4	45.4	44.4	43.2	42.0	40.7	39.4	38.1	36.6	34.8	32.8
65°	51.0	50.1	49.2	48.0	46.7	45.3	44.0	42.5	40.9	39.3	37.4
62.5°	54.6	53.7	52.9	51.9	50.8	49.6	48.2	46.6	44.9	43.2	41.2
60°	57.5	56.8	55.9	55.0	54.0	52.9	51.5	50.1	48.7	46.7	44.7
57.5°	59.9	59.3	58.4	57.6	56.7	55.6	54.3	52.9	51.4	49.8	48.1
55°	61.7	61.2	60.5	59.6	58.7	57.7	56.7	55.3	53.8	52.4	50.7
52.5°	63.3	62.8	62.2	61.5	60.6	59.6	58.6	57.4	56.1	54.7	53.1
50°	64.6	64.1	63.6	62.9	62.1	61.4	60.4	59.2	58.1	56.7	55.2
47.5°	66.1	65.6	65.0	64.3	63.5	62.6	61.8	60.9	59.8	58.6	57.1
45°	68.2	67.5	66.6	65.9	65.0	64.1	63.0	62.2	61.4	60.2	58.9
42.5°	71.2	70.0	68.9	67.8	66.5	65.6	64.5	63.6	62.7	61.6	60.3
40°	75.8	73.4	71.9	70.2	68.7	67.1	66.0	64.9	63.9	62.9	61.6
37.5°	81.8	78.7	75.9	73.1	71.2	69.3	67.7	66.4	65.0	64.0	62.7
35°	88.2	84.5	81.1	77.6	74.2	71.9	69.7	68.0	66.4	65.0	63.7
32.5°	96.2	91.7	87.2	82.9	78.6	74.9	72.1	69.7	67.8	66.1	64.7
30°	105.2	99.6	94.2	88.9	83.6	78.8	74.8	71.8	69.2	67.2	65.7
27.5°	117.6	107.7	101.3	95.0	88.7	83.1	78.3	74.0	70.8	68.4	66.6
25°	138.7	120.8	109.3	101.5	94.3	87.6	81.9	76.9	72.7	69.6	67.2
22.5°	173.3	142.6	120.9	108.3	100.0	92.6	86.0	79.9	74.5	70.7	68.0
20°	240.3	173.7	139.4	118.0	105.4	97.3	90.0	83.2	76.8	71.9	68.7
17.5°	358.8	229.8	160.9	128.9	111.9	101.6	93.8	86.1	79.1	72.9	69.3
15°	502.1	307.4	200.0	145.9	118.9	105.1	97.1	88.7	81.2	74.3	70.0
12.5°	705.3	392.8	233.9	159.7	126.6	109.4	99.9	91.4	83.1	75.8	70.7
10°	874.6	494.6	287.9	185.1	136.9	114.0	102.0	92.9	84.2	76.8	71.1
7.5°	1087.1	607.9	336.0	204.0	144.6	117.3	103.3	93.8	84.8	77.4	71.4
5°	1221.2	682.8	368.1	218.2	150.3	119.5	104.1	94.1	84.9	77.7	71.4
2.5°	1315.5	721.3	382.8	225.9	153.6	120.4	104.6	94.3	85.4	77.9	71.8
0°	1331.3	750.7	384.8	227.7	154.0	119.9	104.4	94.4	85.8	77.9	72.0
-2.5°	1315.5	721.3	382.8	225.9	153.6	120.4	104.6	94.3	85.4	77.9	71.8
-5°	1221.2	682.8	368.1	218.2	150.3	119.5	104.1	94.1	84.9	77.7	71.4
-7.5°	1087.1	607.9	336.0	204.0	144.6	117.3	103.3	93.8	84.8	77.4	71.4
-10°	874.6	494.6	287.9	185.1	136.9	114.0	102.0	92.9	84.2	76.8	71.1
-12.5°	705.3	392.8	233.9	159.7	126.6	109.4	99.9	91.4	83.1	75.8	70.7
-15°	502.1	307.4	200.0	145.9	118.9	105.1	97.1	88.7	81.2	74.3	70.0
-17.5°	358.8	229.8	160.9	128.9	111.9	101.6	93.8	86.1	79.1	72.9	69.3
-20°	240.3	173.7	139.4	118.0	105.4	97.3	90.0	83.2	76.8	71.9	68.7



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	173.3	142.6	120.9	108.3	100.0	92.6	86.0	79.9	74.5	70.7	68.0
-25°	138.7	120.8	109.3	101.5	94.3	87.6	81.9	76.9	72.7	69.6	67.2
-27.5°	117.6	107.7	101.3	95.0	88.7	83.1	78.3	74.0	70.8	68.4	66.6
-30°	105.2	99.6	94.2	88.9	83.6	78.8	74.8	71.8	69.2	67.2	65.7
-32.5°	96.2	91.7	87.2	82.9	78.6	74.9	72.1	69.7	67.8	66.1	64.7
-35°	88.2	84.5	81.1	77.6	74.2	71.9	69.7	68.0	66.4	65.0	63.7
-37.5°	81.8	78.7	75.9	73.1	71.2	69.3	67.7	66.4	65.0	64.0	62.7
-40°	75.8	73.4	71.9	70.2	68.7	67.1	66.0	64.9	63.9	62.9	61.6
-42.5°	71.2	70.0	68.9	67.8	66.5	65.6	64.5	63.6	62.7	61.6	60.3
-45°	68.2	67.5	66.6	65.9	65.0	64.1	63.0	62.2	61.4	60.2	58.9
-47.5°	66.1	65.6	65.0	64.3	63.5	62.6	61.8	60.9	59.8	58.6	57.1
-50°	64.6	64.1	63.6	62.9	62.1	61.4	60.4	59.2	58.1	56.7	55.2
-52.5°	63.3	62.8	62.2	61.5	60.6	59.6	58.6	57.4	56.1	54.7	53.1
-55°	61.7	61.2	60.5	59.6	58.7	57.7	56.7	55.3	53.8	52.4	50.7
-57.5°	59.9	59.3	58.4	57.6	56.7	55.6	54.3	52.9	51.4	49.8	48.1
-60°	57.5	56.8	55.9	55.0	54.0	52.9	51.5	50.1	48.7	46.7	44.7
-62.5°	54.6	53.7	52.9	51.9	50.8	49.6	48.2	46.6	44.9	43.2	41.2
-65°	51.0	50.1	49.2	48.0	46.7	45.3	44.0	42.5	40.9	39.3	37.4
-67.5°	46.4	45.4	44.4	43.2	42.0	40.7	39.4	38.1	36.6	34.8	32.8
-70°	40.7	39.7	38.7	37.8	36.8	35.6	34.4	33.0	31.5	29.9	28.0
-72.5°	34.4	33.6	32.9	32.0	31.1	30.1	28.9	27.5	26.2	24.7	23.2
-75°	27.8	27.2	26.5	25.8	24.9	24.0	23.0	22.0	20.9	19.8	18.6
-77.5°	21.2	20.7	20.1	19.5	18.8	18.0	17.2	16.4	15.7	14.9	13.9
-80°	14.9	14.5	14.2	13.7	13.1	12.6	12.0	11.4	10.7	10.0	9.4
-82.5°	9.5	9.3	9.1	8.8	8.4	8.1	7.7	7.3	6.8	6.3	5.8
-85°	5.4	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
-87.5°	2.0	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.8	1.8	1.7
-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: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	3.4	3.2	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.4	2.9	2.5	2.2
80°	8.9	8.3	7.7	7.0	6.4	5.8	5.5	5.0	4.3	3.7	3.1
77.5°	12.9	11.8	10.8	9.9	9.0	8.1	7.3	6.6	5.7	4.9	4.2
75°	17.3	15.9	14.6	13.2	11.8	10.3	9.3	8.3	7.3	6.2	5.2
72.5°	21.7	20.1	18.4	16.7	15.0	13.3	11.5	10.0	8.8	7.6	6.3
70°	26.2	24.3	22.5	20.4	18.3	16.3	14.3	12.3	10.3	9.0	7.5
67.5°	30.6	28.5	26.3	24.1	21.8	19.4	17.0	14.7	12.5	10.3	8.7
65°	35.0	32.6	30.1	27.7	25.1	22.5	19.8	17.1	14.6	12.2	10.0
62.5°	39.0	36.7	33.9	31.2	28.4	25.6	22.6	19.6	16.6	13.9	11.4
60°	42.6	40.2	37.7	34.8	31.7	28.6	25.4	22.1	18.9	15.6	12.8
57.5°	45.8	43.5	40.9	38.2	35.0	31.6	28.2	24.6	21.0	17.5	14.3
55°	48.8	46.4	44.0	41.2	38.1	34.6	30.9	27.0	23.2	19.4	15.7
52.5°	51.2	49.1	46.7	44.0	40.9	37.4	33.5	29.4	25.3	21.2	17.2
50°	53.4	51.5	49.1	46.4	43.5	39.9	36.1	31.8	27.4	23.0	18.8
47.5°	55.4	53.5	51.3	48.7	45.7	42.4	38.4	34.1	29.4	24.8	20.3
45°	57.1	55.3	53.3	50.7	47.8	44.5	40.6	36.3	31.4	26.5	21.7
42.5°	58.8	56.9	54.9	52.7	49.7	46.4	42.6	38.2	33.3	28.2	23.1
40°	60.0	58.3	56.5	54.2	51.4	48.2	44.4	40.0	35.2	29.8	24.5
37.5°	61.2	59.5	57.7	55.6	53.0	49.8	46.0	41.7	36.9	31.3	25.8
35°	62.2	60.6	58.8	56.7	54.3	51.2	47.6	43.3	38.3	32.8	27.1
32.5°	63.2	61.5	59.7	57.7	55.4	52.6	49.0	44.6	39.6	34.1	28.2
30°	64.1	62.3	60.5	58.5	56.4	53.6	50.1	45.8	40.9	35.4	29.3
27.5°	64.8	62.9	61.3	59.2	57.1	54.6	51.2	46.9	42.0	36.5	30.3
25°	65.4	63.5	61.8	59.9	57.8	55.4	52.1	48.0	43.0	37.4	31.3
22.5°	66.0	64.1	62.3	60.5	58.3	56.2	53.0	48.8	43.8	38.3	32.1
20°	66.5	64.6	62.6	61.0	58.8	56.7	53.6	49.5	44.6	39.0	32.9
17.5°	66.9	65.0	63.0	61.2	59.2	57.1	54.2	50.1	45.2	39.7	33.5
15°	67.4	65.3	63.3	61.4	59.5	57.4	54.7	50.7	45.8	40.3	34.1
12.5°	67.7	65.5	63.5	61.6	59.7	57.6	55.1	51.2	46.3	40.7	34.6
10°	68.0	65.6	63.7	61.7	59.9	57.8	55.5	51.6	46.7	41.1	34.9
7.5°	68.2	65.6	63.8	61.8	60.0	58.0	55.7	51.8	46.9	41.4	35.2
5°	68.4	65.7	64.0	61.9	60.2	58.1	55.8	52.0	47.1	41.6	35.4
2.5°	68.7	65.9	64.1	62.0	60.3	58.2	55.9	52.0	47.2	41.7	35.5
0°	68.9	66.1	64.1	62.0	60.3	58.2	55.8	52.0	47.2	41.7	35.5
-2.5°	68.7	65.9	64.1	62.0	60.3	58.2	55.9	52.0	47.2	41.7	35.5
-5°	68.4	65.7	64.0	61.9	60.2	58.1	55.8	52.0	47.1	41.6	35.4
-7.5°	68.2	65.6	63.8	61.8	60.0	58.0	55.7	51.8	46.9	41.4	35.2
-10°	68.0	65.6	63.7	61.7	59.9	57.8	55.5	51.6	46.7	41.1	34.9
-12.5°	67.7	65.5	63.5	61.6	59.7	57.6	55.1	51.2	46.3	40.7	34.6
-15°	67.4	65.3	63.3	61.4	59.5	57.4	54.7	50.7	45.8	40.3	34.1
-17.5°	66.9	65.0	63.0	61.2	59.2	57.1	54.2	50.1	45.2	39.7	33.5
-20°	66.5	64.6	62.6	61.0	58.8	56.7	53.6	49.5	44.6	39.0	32.9



REPORT NUMBER: P558520 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	66.0	64.1	62.3	60.5	58.3	56.2	53.0	48.8	43.8	38.3	32.1
-25°	65.4	63.5	61.8	59.9	57.8	55.4	52.1	48.0	43.0	37.4	31.3
-27.5°	64.8	62.9	61.3	59.2	57.1	54.6	51.2	46.9	42.0	36.5	30.3
-30°	64.1	62.3	60.5	58.5	56.4	53.6	50.1	45.8	40.9	35.4	29.3
-32.5°	63.2	61.5	59.7	57.7	55.4	52.6	49.0	44.6	39.6	34.1	28.2
-35°	62.2	60.6	58.8	56.7	54.3	51.2	47.6	43.3	38.3	32.8	27.1
-37.5°	61.2	59.5	57.7	55.6	53.0	49.8	46.0	41.7	36.9	31.3	25.8
-40°	60.0	58.3	56.5	54.2	51.4	48.2	44.4	40.0	35.2	29.8	24.5
-42.5°	58.8	56.9	54.9	52.7	49.7	46.4	42.6	38.2	33.3	28.2	23.1
-45°	57.1	55.3	53.3	50.7	47.8	44.5	40.6	36.3	31.4	26.5	21.7
-47.5°	55.4	53.5	51.3	48.7	45.7	42.4	38.4	34.1	29.4	24.8	20.3
-50°	53.4	51.5	49.1	46.4	43.5	39.9	36.1	31.8	27.4	23.0	18.8
-52.5°	51.2	49.1	46.7	44.0	40.9	37.4	33.5	29.4	25.3	21.2	17.2
-55°	48.8	46.4	44.0	41.2	38.1	34.6	30.9	27.0	23.2	19.4	15.7
-57.5°	45.8	43.5	40.9	38.2	35.0	31.6	28.2	24.6	21.0	17.5	14.3
-60°	42.6	40.2	37.7	34.8	31.7	28.6	25.4	22.1	18.9	15.6	12.8
-62.5°	39.0	36.7	33.9	31.2	28.4	25.6	22.6	19.6	16.6	13.9	11.4
-65°	35.0	32.6	30.1	27.7	25.1	22.5	19.8	17.1	14.6	12.2	10.0
-67.5°	30.6	28.5	26.3	24.1	21.8	19.4	17.0	14.7	12.5	10.3	8.7
-70°	26.2	24.3	22.5	20.4	18.3	16.3	14.3	12.3	10.3	9.0	7.5
-72.5°	21.7	20.1	18.4	16.7	15.0	13.3	11.5	10.0	8.8	7.6	6.3
-75°	17.3	15.9	14.6	13.2	11.8	10.3	9.3	8.3	7.3	6.2	5.2
-77.5°	12.9	11.8	10.8	9.9	9.0	8.1	7.3	6.6	5.7	4.9	4.2
-80°	8.9	8.3	7.7	7.0	6.4	5.8	5.5	5.0	4.3	3.7	3.1
-82.5°	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.4	2.9	2.5	2.2
-85°	3.4	3.2	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.6	1.4
-87.5°	1.6	1.5	1.5	1.4	1.3	1.2	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	0.5	0.4	0.2	0.1	0.0
85°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
82.5°	1.9	1.6	1.4	1.1	0.7	0.4	0.0
80°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
77.5°	3.4	2.8	2.2	1.8	1.2	0.6	0.0
75°	4.3	3.5	2.7	2.1	1.4	0.7	0.0
72.5°	5.2	4.2	3.3	2.4	1.7	0.8	0.0
70°	6.1	5.0	3.9	2.8	1.9	1.0	0.0
67.5°	7.1	5.7	4.4	3.2	2.1	1.1	0.0
65°	8.2	6.4	5.0	3.6	2.4	1.2	0.0
62.5°	9.2	7.3	5.5	4.0	2.6	1.3	0.0
60°	10.2	8.1	6.1	4.4	2.8	1.4	0.0
57.5°	11.4	8.9	6.7	4.8	3.1	1.5	0.0
55°	12.6	9.7	7.3	5.2	3.3	1.6	0.0
52.5°	13.7	10.5	7.9	5.6	3.5	1.7	0.0
50°	14.9	11.4	8.5	5.9	3.8	1.8	0.0
47.5°	16.0	12.3	9.0	6.3	4.0	1.9	0.0
45°	17.2	13.2	9.6	6.7	4.2	2.0	0.0
42.5°	18.4	14.0	10.1	7.1	4.4	2.1	0.0
40°	19.5	14.8	10.6	7.4	4.6	2.1	0.0
37.5°	20.5	15.6	11.2	7.7	4.8	2.2	0.0
35°	21.5	16.3	11.8	8.0	5.0	2.3	0.0
32.5°	22.4	17.1	12.3	8.3	5.1	2.4	0.0
30°	23.4	17.8	12.8	8.6	5.3	2.4	0.0
27.5°	24.2	18.5	13.3	8.8	5.4	2.5	0.0
25°	25.0	19.1	13.7	9.1	5.6	2.5	0.0
22.5°	25.7	19.6	14.1	9.3	5.7	2.6	0.0
20°	26.4	20.1	14.4	9.4	5.8	2.6	0.0
17.5°	26.9	20.5	14.7	9.6	5.9	2.7	0.0
15°	27.5	20.9	15.0	9.7	6.0	2.7	0.0
12.5°	27.9	21.3	15.3	9.8	6.0	2.7	0.0
10°	28.3	21.5	15.5	9.9	6.1	2.8	0.0
7.5°	28.5	21.7	15.6	10.0	6.1	2.8	0.0
5°	28.7	21.9	15.7	10.0	6.2	2.8	0.0
2.5°	28.9	22.0	15.8	10.0	6.2	2.8	0.0
0°	28.9	22.0	15.8	10.0	6.2	2.8	0.0
-2.5°	28.9	22.0	15.8	10.0	6.2	2.8	0.0
-5°	28.7	21.9	15.7	10.0	6.2	2.8	0.0
-7.5°	28.5	21.7	15.6	10.0	6.1	2.8	0.0
-10°	28.3	21.5	15.5	9.9	6.1	2.8	0.0
-12.5°	27.9	21.3	15.3	9.8	6.0	2.7	0.0
-15°	27.5	20.9	15.0	9.7	6.0	2.7	0.0
-17.5°	26.9	20.5	14.7	9.6	5.9	2.7	0.0
-20°	26.4	20.1	14.4	9.4	5.8	2.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.7	19.6	14.1	9.3	5.7	2.6	0.0
-25°	25.0	19.1	13.7	9.1	5.6	2.5	0.0
-27.5°	24.2	18.5	13.3	8.8	5.4	2.5	0.0
-30°	23.4	17.8	12.8	8.6	5.3	2.4	0.0
-32.5°	22.4	17.1	12.3	8.3	5.1	2.4	0.0
-35°	21.5	16.3	11.8	8.0	5.0	2.3	0.0
-37.5°	20.5	15.6	11.2	7.7	4.8	2.2	0.0
-40°	19.5	14.8	10.6	7.4	4.6	2.1	0.0
-42.5°	18.4	14.0	10.1	7.1	4.4	2.1	0.0
-45°	17.2	13.2	9.6	6.7	4.2	2.0	0.0
-47.5°	16.0	12.3	9.0	6.3	4.0	1.9	0.0
-50°	14.9	11.4	8.5	5.9	3.8	1.8	0.0
-52.5°	13.7	10.5	7.9	5.6	3.5	1.7	0.0
-55°	12.6	9.7	7.3	5.2	3.3	1.6	0.0
-57.5°	11.4	8.9	6.7	4.8	3.1	1.5	0.0
-60°	10.2	8.1	6.1	4.4	2.8	1.4	0.0
-62.5°	9.2	7.3	5.5	4.0	2.6	1.3	0.0
-65°	8.2	6.4	5.0	3.6	2.4	1.2	0.0
-67.5°	7.1	5.7	4.4	3.2	2.1	1.1	0.0
-70°	6.1	5.0	3.9	2.8	1.9	1.0	0.0
-72.5°	5.2	4.2	3.3	2.4	1.7	0.8	0.0
-75°	4.3	3.5	2.7	2.1	1.4	0.7	0.0
-77.5°	3.4	2.8	2.2	1.8	1.2	0.6	0.0
-80°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
-82.5°	1.9	1.6	1.4	1.1	0.7	0.4	0.0
-85°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
-87.5°	0.6	0.5	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)