

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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
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-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

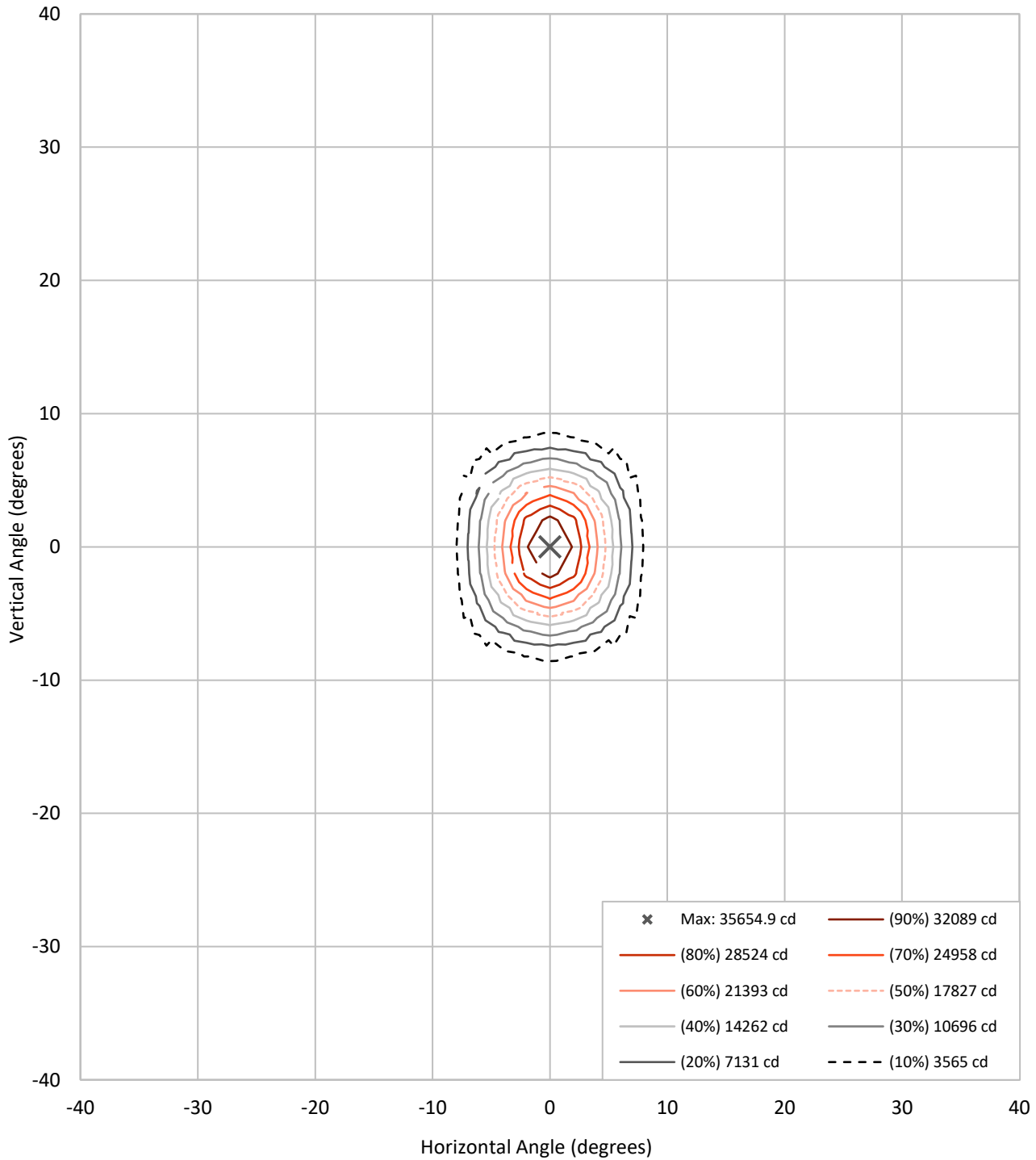
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	1388.5 lumens	Max Intensity:	35654.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	77.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	595.1 lumens	Field Lumens:	1025.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





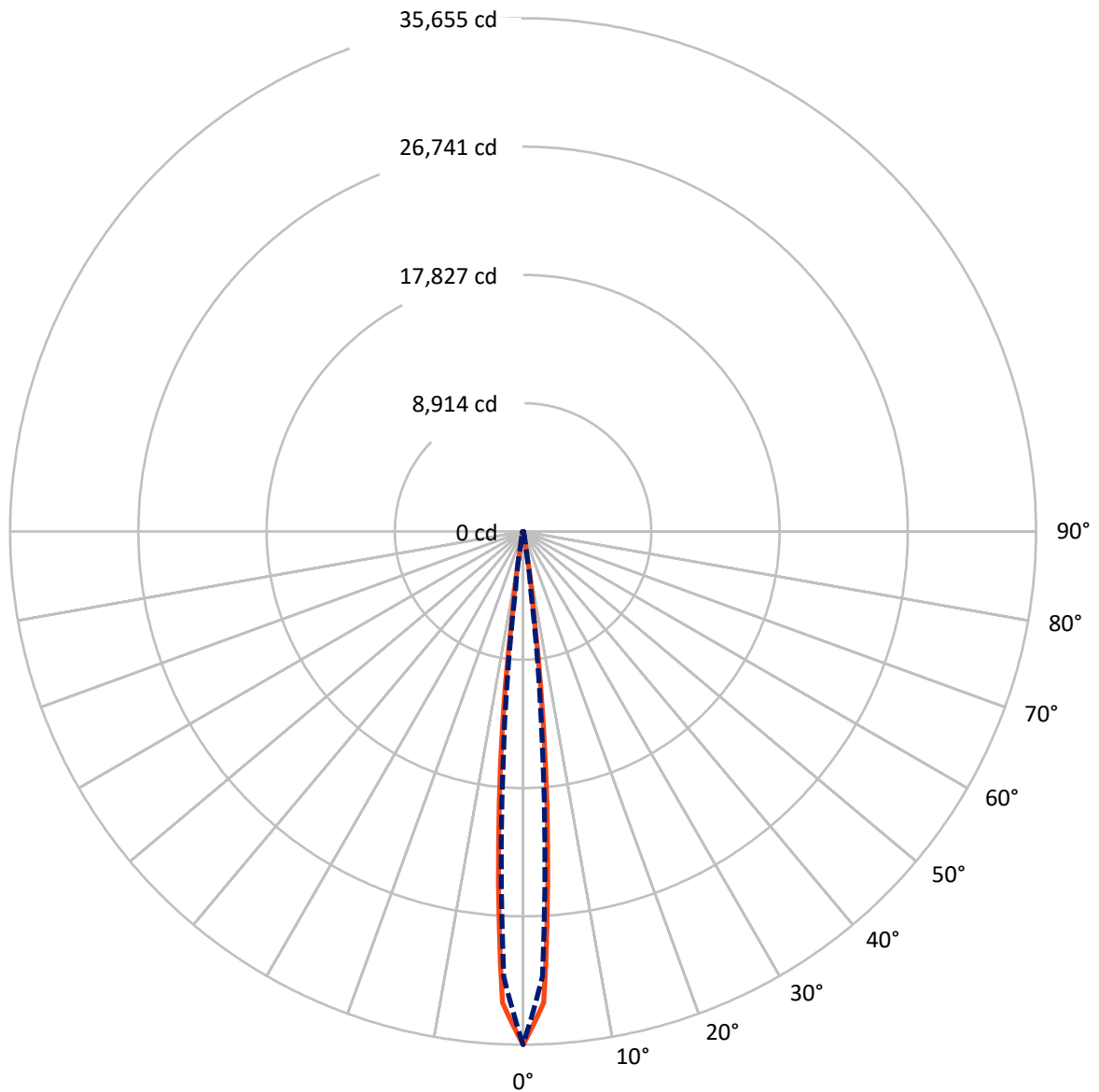
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Lumen Table

90	0.0		0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0	
80	0.0		0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0	
70	0.0	0.0	0.1	0.2	0.2	0.3	0.5	0.9	0.9	0.5	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0
60		0.1	0.1	0.3	0.5	0.6	0.8	1.1	1.1	0.8	0.6	0.5	0.3	0.1	0.1			
50	0.1	0.1	0.2	0.4	0.8	1.2	1.5	1.8	1.8	1.5	1.2	0.8	0.4	0.2	0.1	0.1	0.1	0.1
40		0.2	0.3	0.7	1.2	1.6	1.9	2.0	2.0	1.9	1.6	1.2	0.7	0.3	0.2			
30	0.1	0.2	0.4	1.0	1.5	1.8	2.4	3.2	3.2	2.4	1.8	1.5	1.0	0.4	0.2	0.1	0.1	0.1
20		0.3	0.6	1.2	1.7	2.4	4.8	9.5	9.5	4.8	2.4	1.7	1.2	0.6	0.3			
10	0.2	0.3	0.7	1.3	1.7	3.0	9.4	279.0	279.0	9.4	3.0	1.7	1.3	0.7	0.3	0.2	0.2	0.2
0		0.3	0.7	1.3	1.7	3.0	9.4	279.0	279.0	9.4	3.0	1.7	1.3	0.7	0.3			
-10	0.1	0.3	0.6	1.2	1.7	2.4	4.8	9.5	9.5	4.8	2.4	1.7	1.2	0.6	0.3	0.1	0.1	0.1
-20		0.2	0.4	1.0	1.5	1.8	2.4	3.2	3.2	2.4	1.8	1.5	1.0	0.4	0.2			
-30	0.1	0.2	0.3	0.7	1.2	1.6	1.9	2.0	2.0	1.9	1.6	1.2	0.7	0.3	0.2	0.1	0.1	0.1
-40		0.1	0.2	0.4	0.8	1.2	1.5	1.8	1.8	1.5	1.2	0.8	0.4	0.2	0.1			
-50	0.0	0.1	0.1	0.3	0.5	0.6	0.8	1.1	1.1	0.8	0.6	0.5	0.3	0.1	0.1	0.0	0.0	0.0
-60		0.0	0.1	0.2	0.2	0.3	0.5	0.9	0.9	0.5	0.3	0.2	0.2	0.1	0.0			
-70	0.0		0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0	
-80	0.0		0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0	
-90	0.0		0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0	

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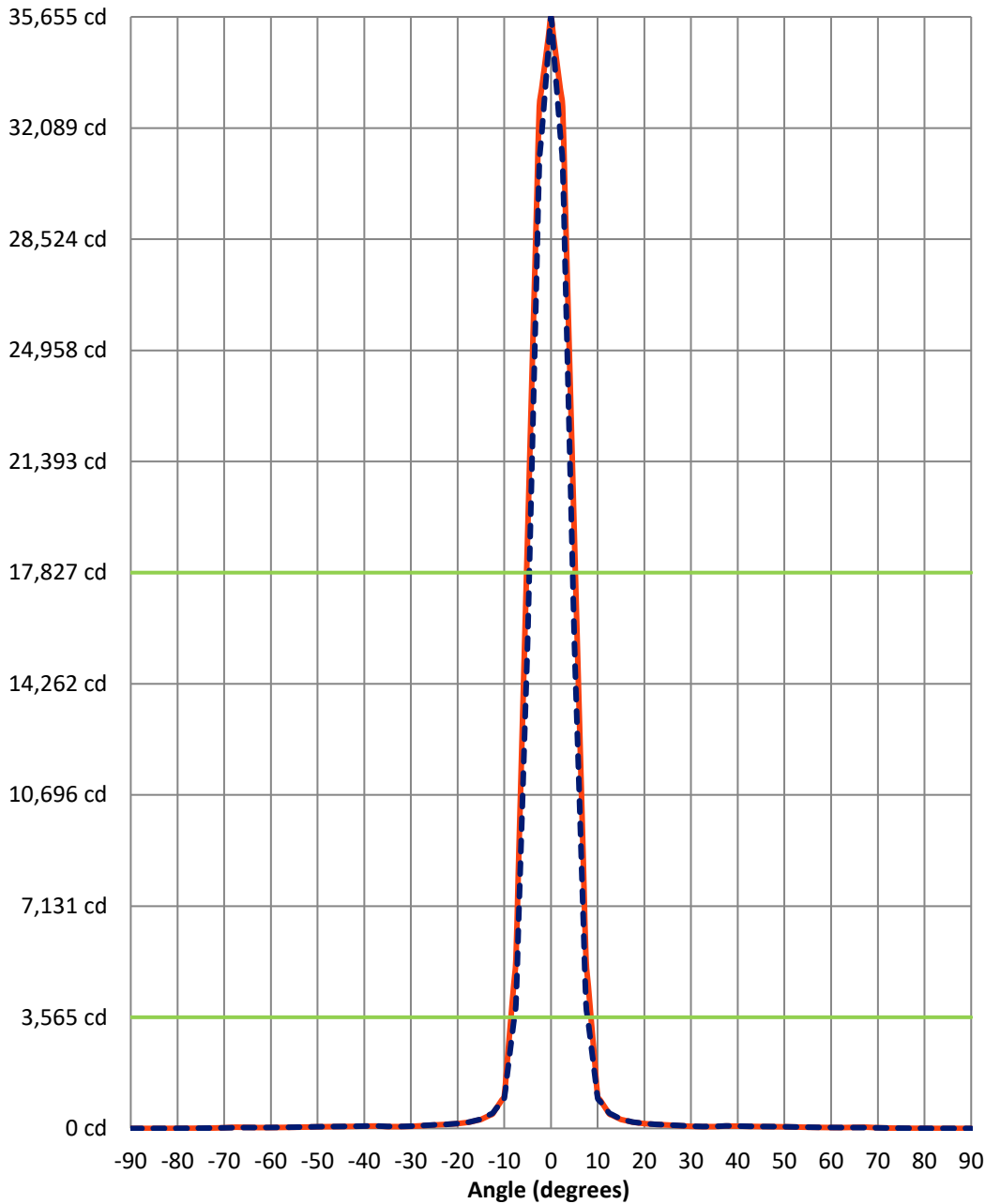
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 595.1
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 1025.7
Efficiency: 73.9%

Spill:
Lumens: 362.8
Efficiency: 26.1%

— 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.8
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.9	1.1
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.8	0.9	1.2	1.4
65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.9	1.2	1.5	1.8
62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.9	1.2	1.5	1.9	2.4
60°	0.0	0.2	0.4	0.4	0.4	0.7	1.0	1.5	1.8	2.4	2.9
57.5°	0.0	0.2	0.4	0.4	0.5	0.9	1.3	1.7	2.3	2.9	3.5
55°	0.0	0.2	0.4	0.4	0.6	1.0	1.6	2.0	2.8	3.5	4.2
52.5°	0.0	0.2	0.4	0.4	0.7	1.1	1.8	2.5	3.3	4.1	4.9
50°	0.0	0.3	0.4	0.4	0.8	1.4	2.1	3.0	3.8	4.8	5.7
47.5°	0.0	0.3	0.4	0.4	0.9	1.6	2.4	3.5	4.4	5.4	6.5
45°	0.0	0.3	0.4	0.5	1.0	1.9	2.9	4.1	5.1	6.2	7.4
42.5°	0.0	0.3	0.4	0.6	1.1	2.2	3.4	4.7	5.8	7.0	8.5
40°	0.0	0.3	0.4	0.6	1.3	2.4	3.9	5.3	6.6	7.9	9.6
37.5°	0.0	0.3	0.4	0.7	1.5	2.7	4.3	6.0	7.5	9.0	10.7
35°	0.0	0.3	0.5	0.8	1.7	3.0	4.8	6.6	8.4	10.2	11.9
32.5°	0.0	0.3	0.5	0.8	1.8	3.4	5.3	7.3	9.3	11.5	13.3
30°	0.0	0.3	0.5	0.9	2.0	3.7	5.9	8.0	10.2	12.9	14.8
27.5°	0.0	0.4	0.5	0.9	2.1	4.1	6.4	8.8	11.3	14.3	16.5
25°	0.0	0.4	0.5	0.9	2.2	4.5	6.9	9.5	12.4	15.7	18.4
22.5°	0.0	0.4	0.5	1.0	2.3	4.7	7.5	10.3	13.6	17.3	20.0
20°	0.0	0.4	0.5	1.0	2.4	4.9	8.0	11.0	14.7	18.8	21.5
17.5°	0.0	0.4	0.5	1.0	2.4	4.9	8.2	11.7	15.8	20.5	23.1
15°	0.0	0.4	0.5	1.0	2.4	5.0	8.3	12.2	16.9	22.1	24.6
12.5°	0.0	0.4	0.5	1.0	2.4	5.0	8.4	12.5	17.6	23.8	26.0
10°	0.0	0.4	0.6	1.0	2.4	4.9	8.4	12.7	18.0	24.4	27.1
7.5°	0.0	0.4	0.6	1.0	2.4	4.9	8.4	12.9	18.2	24.8	27.3
5°	0.0	0.4	0.6	1.0	2.3	4.8	8.3	13.1	18.4	25.0	27.4
2.5°	0.0	0.4	0.6	1.0	2.3	4.6	8.2	13.2	18.5	25.2	27.5
0°	0.0	0.4	0.6	1.0	2.2	4.5	8.1	13.2	18.5	25.2	27.6
-2.5°	0.0	0.4	0.6	1.0	2.3	4.6	8.2	13.2	18.5	25.2	27.5
-5°	0.0	0.4	0.6	1.0	2.3	4.8	8.3	13.1	18.4	25.0	27.4
-7.5°	0.0	0.4	0.6	1.0	2.4	4.9	8.4	12.9	18.2	24.8	27.3
-10°	0.0	0.4	0.6	1.0	2.4	4.9	8.4	12.7	18.0	24.4	27.1
-12.5°	0.0	0.4	0.5	1.0	2.4	5.0	8.4	12.5	17.6	23.8	26.0
-15°	0.0	0.4	0.5	1.0	2.4	5.0	8.3	12.2	16.9	22.1	24.6
-17.5°	0.0	0.4	0.5	1.0	2.4	4.9	8.2	11.7	15.8	20.5	23.1
-20°	0.0	0.4	0.5	1.0	2.4	4.9	8.0	11.0	14.7	18.8	21.5



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.5	1.0	2.3	4.7	7.5	10.3	13.6	17.3	20.0
-25°	0.0	0.4	0.5	0.9	2.2	4.5	6.9	9.5	12.4	15.7	18.4
-27.5°	0.0	0.4	0.5	0.9	2.1	4.1	6.4	8.8	11.3	14.3	16.5
-30°	0.0	0.3	0.5	0.9	2.0	3.7	5.9	8.0	10.2	12.9	14.8
-32.5°	0.0	0.3	0.5	0.8	1.8	3.4	5.3	7.3	9.3	11.5	13.3
-35°	0.0	0.3	0.5	0.8	1.7	3.0	4.8	6.6	8.4	10.2	11.9
-37.5°	0.0	0.3	0.4	0.7	1.5	2.7	4.3	6.0	7.5	9.0	10.7
-40°	0.0	0.3	0.4	0.6	1.3	2.4	3.9	5.3	6.6	7.9	9.6
-42.5°	0.0	0.3	0.4	0.6	1.1	2.2	3.4	4.7	5.8	7.0	8.5
-45°	0.0	0.3	0.4	0.5	1.0	1.9	2.9	4.1	5.1	6.2	7.4
-47.5°	0.0	0.3	0.4	0.4	0.9	1.6	2.4	3.5	4.4	5.4	6.5
-50°	0.0	0.3	0.4	0.4	0.8	1.4	2.1	3.0	3.8	4.8	5.7
-52.5°	0.0	0.2	0.4	0.4	0.7	1.1	1.8	2.5	3.3	4.1	4.9
-55°	0.0	0.2	0.4	0.4	0.6	1.0	1.6	2.0	2.8	3.5	4.2
-57.5°	0.0	0.2	0.4	0.4	0.5	0.9	1.3	1.7	2.3	2.9	3.5
-60°	0.0	0.2	0.4	0.4	0.4	0.7	1.0	1.5	1.8	2.4	2.9
-62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.9	1.2	1.5	1.9	2.4
-65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.9	1.2	1.5	1.8
-67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.8	0.9	1.2	1.4
-70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.9	1.1
-72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.8
-75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-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-TSB-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°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6
80°	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
77.5°	0.5	0.6	0.7	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.7
75°	0.7	0.8	1.0	1.2	1.4	1.6	1.7	1.9	2.2	2.5	2.8
72.5°	1.0	1.2	1.5	1.7	2.1	2.4	2.6	2.9	3.3	3.8	4.2
70°	1.3	1.6	2.0	2.5	2.9	3.3	3.9	4.5	5.2	5.6	5.8
67.5°	1.7	2.2	2.7	3.2	3.9	4.5	5.3	6.0	6.7	7.0	7.2
65°	2.2	2.8	3.4	4.1	4.8	5.6	6.4	7.1	7.8	8.2	8.6
62.5°	2.7	3.4	4.2	4.9	5.7	6.5	7.4	8.2	8.8	9.6	10.5
60°	3.4	4.1	4.9	5.7	6.6	7.7	8.7	9.6	10.4	11.3	12.6
57.5°	4.1	4.7	5.6	6.6	7.8	9.1	10.2	11.2	12.4	13.5	14.8
55°	4.8	5.4	6.4	7.6	9.0	10.6	11.9	13.2	14.5	15.5	16.7
52.5°	5.6	6.2	7.2	8.6	10.3	12.0	13.7	15.1	16.3	17.4	18.8
50°	6.5	7.2	8.0	9.7	11.6	13.5	15.4	16.8	18.2	19.6	21.1
47.5°	7.5	8.2	9.0	10.8	12.9	14.9	16.8	18.6	20.2	22.0	23.7
45°	8.6	9.5	10.2	12.0	14.1	16.1	18.3	20.5	22.6	24.7	27.5
42.5°	9.8	10.7	11.7	13.1	15.2	17.4	19.8	22.6	25.3	28.3	31.9
40°	10.9	11.9	13.2	14.4	16.2	18.8	21.6	24.8	28.6	32.5	36.8
37.5°	12.0	13.2	14.5	15.8	17.4	20.3	23.4	27.5	32.1	37.0	42.4
35°	13.1	14.4	15.8	17.2	19.1	21.8	25.8	30.4	35.9	42.1	47.0
32.5°	14.2	15.6	17.0	18.7	21.0	23.8	28.0	33.8	40.2	46.5	49.8
30°	15.5	16.6	18.1	20.1	22.9	26.5	31.0	37.3	44.5	48.8	51.9
27.5°	17.3	17.7	19.4	21.7	24.8	29.1	34.7	41.2	47.2	51.0	53.8
25°	19.0	19.5	20.5	23.3	27.1	32.2	38.5	45.9	49.5	52.7	55.9
22.5°	20.7	21.2	22.5	24.8	29.3	35.3	42.7	49.1	52.6	54.6	58.0
20°	22.3	23.0	24.6	27.3	31.6	38.3	46.7	52.1	55.4	57.9	61.0
17.5°	23.8	24.8	26.7	30.0	34.8	41.7	50.4	55.2	58.4	60.7	64.6
15°	25.3	26.5	28.8	32.5	37.9	45.2	52.8	57.6	61.0	63.3	67.9
12.5°	26.7	28.2	30.8	34.9	40.6	48.3	54.9	59.2	62.6	66.1	70.9
10°	28.1	29.8	32.7	37.1	43.0	51.0	56.7	60.5	63.9	68.4	73.3
7.5°	28.3	30.6	34.2	39.1	45.2	53.3	58.1	61.5	65.1	70.4	75.5
5°	28.3	30.5	34.3	39.6	46.2	54.6	59.1	62.2	66.4	72.2	77.5
2.5°	28.2	30.4	34.4	39.8	46.4	54.8	59.2	62.4	67.1	74.0	79.3
0°	28.2	30.2	34.3	39.8	46.4	54.6	59.2	62.5	67.5	75.7	80.9
-2.5°	28.2	30.4	34.4	39.8	46.4	54.8	59.2	62.4	67.1	74.0	79.3
-5°	28.3	30.5	34.3	39.6	46.2	54.6	59.1	62.2	66.4	72.2	77.5
-7.5°	28.3	30.6	34.2	39.1	45.2	53.3	58.1	61.5	65.1	70.4	75.5
-10°	28.1	29.8	32.7	37.1	43.0	51.0	56.7	60.5	63.9	68.4	73.3
-12.5°	26.7	28.2	30.8	34.9	40.6	48.3	54.9	59.2	62.6	66.1	70.9
-15°	25.3	26.5	28.8	32.5	37.9	45.2	52.8	57.6	61.0	63.3	67.9
-17.5°	23.8	24.8	26.7	30.0	34.8	41.7	50.4	55.2	58.4	60.7	64.6
-20°	22.3	23.0	24.6	27.3	31.6	38.3	46.7	52.1	55.4	57.9	61.0



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	20.7	21.2	22.5	24.8	29.3	35.3	42.7	49.1	52.6	54.6	58.0
-25°	19.0	19.5	20.5	23.3	27.1	32.2	38.5	45.9	49.5	52.7	55.9
-27.5°	17.3	17.7	19.4	21.7	24.8	29.1	34.7	41.2	47.2	51.0	53.8
-30°	15.5	16.6	18.1	20.1	22.9	26.5	31.0	37.3	44.5	48.8	51.9
-32.5°	14.2	15.6	17.0	18.7	21.0	23.8	28.0	33.8	40.2	46.5	49.8
-35°	13.1	14.4	15.8	17.2	19.1	21.8	25.8	30.4	35.9	42.1	47.0
-37.5°	12.0	13.2	14.5	15.8	17.4	20.3	23.4	27.5	32.1	37.0	42.4
-40°	10.9	11.9	13.2	14.4	16.2	18.8	21.6	24.8	28.6	32.5	36.8
-42.5°	9.8	10.7	11.7	13.1	15.2	17.4	19.8	22.6	25.3	28.3	31.9
-45°	8.6	9.5	10.2	12.0	14.1	16.1	18.3	20.5	22.6	24.7	27.5
-47.5°	7.5	8.2	9.0	10.8	12.9	14.9	16.8	18.6	20.2	22.0	23.7
-50°	6.5	7.2	8.0	9.7	11.6	13.5	15.4	16.8	18.2	19.6	21.1
-52.5°	5.6	6.2	7.2	8.6	10.3	12.0	13.7	15.1	16.3	17.4	18.8
-55°	4.8	5.4	6.4	7.6	9.0	10.6	11.9	13.2	14.5	15.5	16.7
-57.5°	4.1	4.7	5.6	6.6	7.8	9.1	10.2	11.2	12.4	13.5	14.8
-60°	3.4	4.1	4.9	5.7	6.6	7.7	8.7	9.6	10.4	11.3	12.6
-62.5°	2.7	3.4	4.2	4.9	5.7	6.5	7.4	8.2	8.8	9.6	10.5
-65°	2.2	2.8	3.4	4.1	4.8	5.6	6.4	7.1	7.8	8.2	8.6
-67.5°	1.7	2.2	2.7	3.2	3.9	4.5	5.3	6.0	6.7	7.0	7.2
-70°	1.3	1.6	2.0	2.5	2.9	3.3	3.9	4.5	5.2	5.6	5.8
-72.5°	1.0	1.2	1.5	1.7	2.1	2.4	2.6	2.9	3.3	3.8	4.2
-75°	0.7	0.8	1.0	1.2	1.4	1.6	1.7	1.9	2.2	2.5	2.8
-77.5°	0.5	0.6	0.7	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.7
-80°	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
-82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6
-85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
80°	1.1	1.2	1.2	1.3	1.3	1.4	1.6	1.8	2.0	2.1	2.1
77.5°	1.9	2.0	2.1	2.2	2.2	2.6	3.0	3.4	3.9	4.1	4.3
75°	3.0	3.2	3.3	3.4	3.5	4.0	4.7	5.5	6.2	6.6	6.9
72.5°	4.5	4.6	4.7	4.8	4.9	5.6	6.9	8.3	9.8	10.7	11.4
70°	5.9	6.1	6.2	6.3	6.4	7.3	9.2	11.1	13.2	15.2	17.4
67.5°	7.5	7.8	8.0	8.1	8.2	8.9	10.9	12.8	14.5	18.2	24.0
65°	9.2	10.0	10.3	10.5	10.5	10.9	12.6	14.2	15.5	18.4	22.8
62.5°	11.4	12.5	12.9	13.1	13.2	13.3	14.7	16.0	17.2	19.0	21.8
60°	13.8	14.8	15.4	15.6	15.7	15.7	16.9	18.2	19.4	20.8	23.4
57.5°	15.9	16.9	17.8	18.1	18.4	18.6	19.6	21.1	22.5	24.0	26.8
55°	17.9	19.2	20.4	21.1	21.7	22.2	23.2	25.1	26.9	28.6	31.6
52.5°	20.2	21.8	23.4	24.6	25.8	26.8	27.9	30.3	32.7	35.0	37.9
50°	22.8	24.8	27.2	29.1	30.8	32.5	34.0	36.9	40.2	43.3	46.3
47.5°	26.2	28.9	31.9	34.7	37.0	39.5	41.9	44.9	47.8	50.7	53.2
45°	30.4	34.1	37.5	41.2	44.5	46.2	47.6	49.4	52.4	55.3	57.6
42.5°	35.7	40.0	44.2	47.0	49.1	50.5	51.4	52.4	55.5	58.3	60.6
40°	41.6	45.9	48.5	50.8	52.2	53.5	55.0	56.6	59.0	61.8	64.3
37.5°	46.8	49.5	51.8	53.6	55.3	57.0	59.2	61.4	63.8	66.9	69.2
35°	49.9	52.4	54.7	56.9	59.2	61.7	64.5	67.7	70.6	68.0	64.2
32.5°	52.4	54.9	57.6	61.1	64.2	67.6	71.1	65.5	59.8	57.5	58.0
30°	54.5	57.3	61.2	65.7	70.0	68.5	60.8	58.1	58.9	60.5	63.5
27.5°	56.7	60.3	65.0	70.5	67.1	58.6	59.1	60.6	65.9	70.4	77.2
25°	59.4	63.7	69.5	67.0	59.2	60.0	63.9	69.9	79.9	89.2	97.4
22.5°	62.6	68.1	68.8	59.2	60.3	65.4	73.4	86.2	98.4	109.7	118.1
20°	65.8	72.2	62.4	60.4	64.9	74.1	88.9	103.6	117.2	127.3	135.7
17.5°	69.7	67.5	60.6	62.8	71.9	87.7	104.4	120.0	132.8	150.3	165.1
15°	73.1	63.0	61.7	68.8	82.5	100.4	118.5	132.6	155.7	180.7	206.0
12.5°	71.2	61.4	63.7	74.2	92.3	111.6	127.6	149.9	180.4	217.0	271.8
10°	68.3	62.3	67.9	81.7	100.6	119.4	136.1	165.2	205.6	272.6	359.0
7.5°	66.1	62.7	70.7	87.5	106.8	124.2	146.3	181.7	237.9	329.9	513.8
5°	64.4	62.7	72.0	90.8	110.5	127.4	152.7	193.7	269.7	400.7	715.0
2.5°	63.6	62.3	72.3	92.6	112.3	129.2	156.6	202.3	289.7	466.5	940.1
0°	64.1	61.7	72.2	93.3	113.4	129.0	157.2	204.9	295.7	490.8	970.4
-2.5°	63.6	62.3	72.3	92.6	112.3	129.2	156.6	202.3	289.7	466.5	940.1
-5°	64.4	62.7	72.0	90.8	110.5	127.4	152.7	193.7	269.7	400.7	715.0
-7.5°	66.1	62.7	70.7	87.5	106.8	124.2	146.3	181.7	237.9	329.9	513.8
-10°	68.3	62.3	67.9	81.7	100.6	119.4	136.1	165.2	205.6	272.6	359.0
-12.5°	71.2	61.4	63.7	74.2	92.3	111.6	127.6	149.9	180.4	217.0	271.8
-15°	73.1	63.0	61.7	68.8	82.5	100.4	118.5	132.6	155.7	180.7	206.0
-17.5°	69.7	67.5	60.6	62.8	71.9	87.7	104.4	120.0	132.8	150.3	165.1
-20°	65.8	72.2	62.4	60.4	64.9	74.1	88.9	103.6	117.2	127.3	135.7



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	62.6	68.1	68.8	59.2	60.3	65.4	73.4	86.2	98.4	109.7	118.1
-25°	59.4	63.7	69.5	67.0	59.2	60.0	63.9	69.9	79.9	89.2	97.4
-27.5°	56.7	60.3	65.0	70.5	67.1	58.6	59.1	60.6	65.9	70.4	77.2
-30°	54.5	57.3	61.2	65.7	70.0	68.5	60.8	58.1	58.9	60.5	63.5
-32.5°	52.4	54.9	57.6	61.1	64.2	67.6	71.1	65.5	59.8	57.5	58.0
-35°	49.9	52.4	54.7	56.9	59.2	61.7	64.5	67.7	70.6	68.0	64.2
-37.5°	46.8	49.5	51.8	53.6	55.3	57.0	59.2	61.4	63.8	66.9	69.2
-40°	41.6	45.9	48.5	50.8	52.2	53.5	55.0	56.6	59.0	61.8	64.3
-42.5°	35.7	40.0	44.2	47.0	49.1	50.5	51.4	52.4	55.5	58.3	60.6
-45°	30.4	34.1	37.5	41.2	44.5	46.2	47.6	49.4	52.4	55.3	57.6
-47.5°	26.2	28.9	31.9	34.7	37.0	39.5	41.9	44.9	47.8	50.7	53.2
-50°	22.8	24.8	27.2	29.1	30.8	32.5	34.0	36.9	40.2	43.3	46.3
-52.5°	20.2	21.8	23.4	24.6	25.8	26.8	27.9	30.3	32.7	35.0	37.9
-55°	17.9	19.2	20.4	21.1	21.7	22.2	23.2	25.1	26.9	28.6	31.6
-57.5°	15.9	16.9	17.8	18.1	18.4	18.6	19.6	21.1	22.5	24.0	26.8
-60°	13.8	14.8	15.4	15.6	15.7	15.7	16.9	18.2	19.4	20.8	23.4
-62.5°	11.4	12.5	12.9	13.1	13.2	13.3	14.7	16.0	17.2	19.0	21.8
-65°	9.2	10.0	10.3	10.5	10.5	10.9	12.6	14.2	15.5	18.4	22.8
-67.5°	7.5	7.8	8.0	8.1	8.2	8.9	10.9	12.8	14.5	18.2	24.0
-70°	5.9	6.1	6.2	6.3	6.4	7.3	9.2	11.1	13.2	15.2	17.4
-72.5°	4.5	4.6	4.7	4.8	4.9	5.6	6.9	8.3	9.8	10.7	11.4
-75°	3.0	3.2	3.3	3.4	3.5	4.0	4.7	5.5	6.2	6.6	6.9
-77.5°	1.9	2.0	2.1	2.2	2.2	2.6	3.0	3.4	3.9	4.1	4.3
-80°	1.1	1.2	1.2	1.3	1.3	1.4	1.6	1.8	2.0	2.1	2.1
-82.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
-85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	2.2	2.2	2.1	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.8
77.5°	4.5	4.6	4.5	4.3	4.5	4.6	4.5	4.3	4.1	3.9	3.4
75°	7.2	7.4	7.3	7.1	7.3	7.4	7.2	6.9	6.6	6.2	5.5
72.5°	12.0	12.6	12.5	12.2	12.5	12.6	12.0	11.4	10.7	9.8	8.3
70°	19.6	22.0	21.9	21.3	21.9	22.0	19.6	17.4	15.2	13.2	11.1
67.5°	30.3	36.8	38.9	40.0	38.9	36.8	30.3	24.0	18.2	14.5	12.8
65°	27.0	30.9	32.5	33.7	32.5	30.9	27.0	22.8	18.4	15.5	14.2
62.5°	24.3	26.6	27.1	27.2	27.1	26.6	24.3	21.8	19.0	17.2	16.0
60°	26.0	28.5	28.8	28.4	28.8	28.5	26.0	23.4	20.8	19.4	18.2
57.5°	29.5	32.2	32.6	32.0	32.6	32.2	29.5	26.8	24.0	22.5	21.1
55°	34.4	37.0	37.9	37.7	37.9	37.0	34.4	31.6	28.6	26.9	25.1
52.5°	40.6	43.0	44.0	44.0	44.0	43.0	40.6	37.9	35.0	32.7	30.3
50°	48.9	51.1	52.2	52.3	52.2	51.1	48.9	46.3	43.3	40.2	36.9
47.5°	54.9	56.4	57.1	57.2	57.1	56.4	54.9	53.2	50.7	47.8	44.9
45°	58.6	59.3	59.9	60.4	59.9	59.3	58.6	57.6	55.3	52.4	49.4
42.5°	62.1	63.7	64.8	65.1	64.8	63.7	62.1	60.6	58.3	55.5	52.4
40°	66.7	68.9	71.0	73.2	71.0	68.9	66.7	64.3	61.8	59.0	56.6
37.5°	71.6	74.1	76.2	77.3	76.2	74.1	71.6	69.2	66.9	63.8	61.4
35°	61.6	59.9	59.0	58.6	59.0	59.9	61.6	64.2	68.0	70.6	67.7
32.5°	58.3	58.4	58.2	57.8	58.2	58.4	58.3	58.0	57.5	59.8	65.5
30°	65.8	66.9	67.0	66.9	67.0	66.9	65.8	63.5	60.5	58.9	58.1
27.5°	82.1	84.9	85.7	87.4	85.7	84.9	82.1	77.2	70.4	65.9	60.6
25°	103.7	107.8	109.8	110.5	109.8	107.8	103.7	97.4	89.2	79.9	69.9
22.5°	122.8	126.0	127.8	129.4	127.8	126.0	122.8	118.1	109.7	98.4	86.2
20°	145.5	151.3	154.0	154.2	154.0	151.3	145.5	135.7	127.3	117.2	103.6
17.5°	181.0	192.2	197.8	199.4	197.8	192.2	181.0	165.1	150.3	132.8	120.0
15°	236.9	265.5	280.3	287.2	280.3	265.5	236.9	206.0	180.7	155.7	132.6
12.5°	328.1	392.7	444.8	464.5	444.8	392.7	328.1	271.8	217.0	180.4	149.9
10°	508.8	701.6	926.8	1031.8	926.8	701.6	508.8	359.0	272.6	205.6	165.2
7.5°	984.3	2285.4	4429.5	5452.4	4429.5	2285.4	984.3	513.8	329.9	237.9	181.7
5°	2098.2	9054.9	16216.2	19047.3	16216.2	9054.9	2098.2	715.0	400.7	269.7	193.7
2.5°	3341.9	14851.2	28021.8	32765.7	28021.8	14851.2	3341.9	940.1	466.5	289.7	202.3
0°	3992.8	15650.4	30921.5	35654.9	30921.5	15650.4	3992.8	970.4	490.8	295.7	204.9
-2.5°	3341.9	14851.2	28021.8	32765.7	28021.8	14851.2	3341.9	940.1	466.5	289.7	202.3
-5°	2098.2	9054.9	16216.2	19047.3	16216.2	9054.9	2098.2	715.0	400.7	269.7	193.7
-7.5°	984.3	2285.4	4429.5	5452.4	4429.5	2285.4	984.3	513.8	329.9	237.9	181.7
-10°	508.8	701.6	926.8	1031.8	926.8	701.6	508.8	359.0	272.6	205.6	165.2
-12.5°	328.1	392.7	444.8	464.5	444.8	392.7	328.1	271.8	217.0	180.4	149.9
-15°	236.9	265.5	280.3	287.2	280.3	265.5	236.9	206.0	180.7	155.7	132.6
-17.5°	181.0	192.2	197.8	199.4	197.8	192.2	181.0	165.1	150.3	132.8	120.0
-20°	145.5	151.3	154.0	154.2	154.0	151.3	145.5	135.7	127.3	117.2	103.6



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	122.8	126.0	127.8	129.4	127.8	126.0	122.8	118.1	109.7	98.4	86.2
-25°	103.7	107.8	109.8	110.5	109.8	107.8	103.7	97.4	89.2	79.9	69.9
-27.5°	82.1	84.9	85.7	87.4	85.7	84.9	82.1	77.2	70.4	65.9	60.6
-30°	65.8	66.9	67.0	66.9	67.0	66.9	65.8	63.5	60.5	58.9	58.1
-32.5°	58.3	58.4	58.2	57.8	58.2	58.4	58.3	58.0	57.5	59.8	65.5
-35°	61.6	59.9	59.0	58.6	59.0	59.9	61.6	64.2	68.0	70.6	67.7
-37.5°	71.6	74.1	76.2	77.3	76.2	74.1	71.6	69.2	66.9	63.8	61.4
-40°	66.7	68.9	71.0	73.2	71.0	68.9	66.7	64.3	61.8	59.0	56.6
-42.5°	62.1	63.7	64.8	65.1	64.8	63.7	62.1	60.6	58.3	55.5	52.4
-45°	58.6	59.3	59.9	60.4	59.9	59.3	58.6	57.6	55.3	52.4	49.4
-47.5°	54.9	56.4	57.1	57.2	57.1	56.4	54.9	53.2	50.7	47.8	44.9
-50°	48.9	51.1	52.2	52.3	52.2	51.1	48.9	46.3	43.3	40.2	36.9
-52.5°	40.6	43.0	44.0	44.0	44.0	43.0	40.6	37.9	35.0	32.7	30.3
-55°	34.4	37.0	37.9	37.7	37.9	37.0	34.4	31.6	28.6	26.9	25.1
-57.5°	29.5	32.2	32.6	32.0	32.6	32.2	29.5	26.8	24.0	22.5	21.1
-60°	26.0	28.5	28.8	28.4	28.8	28.5	26.0	23.4	20.8	19.4	18.2
-62.5°	24.3	26.6	27.1	27.2	27.1	26.6	24.3	21.8	19.0	17.2	16.0
-65°	27.0	30.9	32.5	33.7	32.5	30.9	27.0	22.8	18.4	15.5	14.2
-67.5°	30.3	36.8	38.9	40.0	38.9	36.8	30.3	24.0	18.2	14.5	12.8
-70°	19.6	22.0	21.9	21.3	21.9	22.0	19.6	17.4	15.2	13.2	11.1
-72.5°	12.0	12.6	12.5	12.2	12.5	12.6	12.0	11.4	10.7	9.8	8.3
-75°	7.2	7.4	7.3	7.1	7.3	7.4	7.2	6.9	6.6	6.2	5.5
-77.5°	4.5	4.6	4.5	4.3	4.5	4.6	4.5	4.3	4.1	3.9	3.4
-80°	2.2	2.2	2.1	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
-85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
80°	1.6	1.4	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7
77.5°	3.0	2.6	2.2	2.2	2.1	2.0	1.9	1.7	1.5	1.4	1.2
75°	4.7	4.0	3.5	3.4	3.3	3.2	3.0	2.8	2.5	2.2	1.9
72.5°	6.9	5.6	4.9	4.8	4.7	4.6	4.5	4.2	3.8	3.3	2.9
70°	9.2	7.3	6.4	6.3	6.2	6.1	5.9	5.8	5.6	5.2	4.5
67.5°	10.9	8.9	8.2	8.1	8.0	7.8	7.5	7.2	7.0	6.7	6.0
65°	12.6	10.9	10.5	10.5	10.3	10.0	9.2	8.6	8.2	7.8	7.1
62.5°	14.7	13.3	13.2	13.1	12.9	12.5	11.4	10.5	9.6	8.8	8.2
60°	16.9	15.7	15.7	15.6	15.4	14.8	13.8	12.6	11.3	10.4	9.6
57.5°	19.6	18.6	18.4	18.1	17.8	16.9	15.9	14.8	13.5	12.4	11.2
55°	23.2	22.2	21.7	21.1	20.4	19.2	17.9	16.7	15.5	14.5	13.2
52.5°	27.9	26.8	25.8	24.6	23.4	21.8	20.2	18.8	17.4	16.3	15.1
50°	34.0	32.5	30.8	29.1	27.2	24.8	22.8	21.1	19.6	18.2	16.8
47.5°	41.9	39.5	37.0	34.7	31.9	28.9	26.2	23.7	22.0	20.2	18.6
45°	47.6	46.2	44.5	41.2	37.5	34.1	30.4	27.5	24.7	22.6	20.5
42.5°	51.4	50.5	49.1	47.0	44.2	40.0	35.7	31.9	28.3	25.3	22.6
40°	55.0	53.5	52.2	50.8	48.5	45.9	41.6	36.8	32.5	28.6	24.8
37.5°	59.2	57.0	55.3	53.6	51.8	49.5	46.8	42.4	37.0	32.1	27.5
35°	64.5	61.7	59.2	56.9	54.7	52.4	49.9	47.0	42.1	35.9	30.4
32.5°	71.1	67.6	64.2	61.1	57.6	54.9	52.4	49.8	46.5	40.2	33.8
30°	60.8	68.5	70.0	65.7	61.2	57.3	54.5	51.9	48.8	44.5	37.3
27.5°	59.1	58.6	67.1	70.5	65.0	60.3	56.7	53.8	51.0	47.2	41.2
25°	63.9	60.0	59.2	67.0	69.5	63.7	59.4	55.9	52.7	49.5	45.9
22.5°	73.4	65.4	60.3	59.2	68.8	68.1	62.6	58.0	54.6	52.6	49.1
20°	88.9	74.1	64.9	60.4	62.4	72.2	65.8	61.0	57.9	55.4	52.1
17.5°	104.4	87.7	71.9	62.8	60.6	67.5	69.7	64.6	60.7	58.4	55.2
15°	118.5	100.4	82.5	68.8	61.7	63.0	73.1	67.9	63.3	61.0	57.6
12.5°	127.6	111.6	92.3	74.2	63.7	61.4	71.2	70.9	66.1	62.6	59.2
10°	136.1	119.4	100.6	81.7	67.9	62.3	68.3	73.3	68.4	63.9	60.5
7.5°	146.3	124.2	106.8	87.5	70.7	62.7	66.1	75.5	70.4	65.1	61.5
5°	152.7	127.4	110.5	90.8	72.0	62.7	64.4	77.5	72.2	66.4	62.2
2.5°	156.6	129.2	112.3	92.6	72.3	62.3	63.6	79.3	74.0	67.1	62.4
0°	157.2	129.0	113.4	93.3	72.2	61.7	64.1	80.9	75.7	67.5	62.5
-2.5°	156.6	129.2	112.3	92.6	72.3	62.3	63.6	79.3	74.0	67.1	62.4
-5°	152.7	127.4	110.5	90.8	72.0	62.7	64.4	77.5	72.2	66.4	62.2
-7.5°	146.3	124.2	106.8	87.5	70.7	62.7	66.1	75.5	70.4	65.1	61.5
-10°	136.1	119.4	100.6	81.7	67.9	62.3	68.3	73.3	68.4	63.9	60.5
-12.5°	127.6	111.6	92.3	74.2	63.7	61.4	71.2	70.9	66.1	62.6	59.2
-15°	118.5	100.4	82.5	68.8	61.7	63.0	73.1	67.9	63.3	61.0	57.6
-17.5°	104.4	87.7	71.9	62.8	60.6	67.5	69.7	64.6	60.7	58.4	55.2
-20°	88.9	74.1	64.9	60.4	62.4	72.2	65.8	61.0	57.9	55.4	52.1



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	73.4	65.4	60.3	59.2	68.8	68.1	62.6	58.0	54.6	52.6	49.1
-25°	63.9	60.0	59.2	67.0	69.5	63.7	59.4	55.9	52.7	49.5	45.9
-27.5°	59.1	58.6	67.1	70.5	65.0	60.3	56.7	53.8	51.0	47.2	41.2
-30°	60.8	68.5	70.0	65.7	61.2	57.3	54.5	51.9	48.8	44.5	37.3
-32.5°	71.1	67.6	64.2	61.1	57.6	54.9	52.4	49.8	46.5	40.2	33.8
-35°	64.5	61.7	59.2	56.9	54.7	52.4	49.9	47.0	42.1	35.9	30.4
-37.5°	59.2	57.0	55.3	53.6	51.8	49.5	46.8	42.4	37.0	32.1	27.5
-40°	55.0	53.5	52.2	50.8	48.5	45.9	41.6	36.8	32.5	28.6	24.8
-42.5°	51.4	50.5	49.1	47.0	44.2	40.0	35.7	31.9	28.3	25.3	22.6
-45°	47.6	46.2	44.5	41.2	37.5	34.1	30.4	27.5	24.7	22.6	20.5
-47.5°	41.9	39.5	37.0	34.7	31.9	28.9	26.2	23.7	22.0	20.2	18.6
-50°	34.0	32.5	30.8	29.1	27.2	24.8	22.8	21.1	19.6	18.2	16.8
-52.5°	27.9	26.8	25.8	24.6	23.4	21.8	20.2	18.8	17.4	16.3	15.1
-55°	23.2	22.2	21.7	21.1	20.4	19.2	17.9	16.7	15.5	14.5	13.2
-57.5°	19.6	18.6	18.4	18.1	17.8	16.9	15.9	14.8	13.5	12.4	11.2
-60°	16.9	15.7	15.7	15.6	15.4	14.8	13.8	12.6	11.3	10.4	9.6
-62.5°	14.7	13.3	13.2	13.1	12.9	12.5	11.4	10.5	9.6	8.8	8.2
-65°	12.6	10.9	10.5	10.5	10.3	10.0	9.2	8.6	8.2	7.8	7.1
-67.5°	10.9	8.9	8.2	8.1	8.0	7.8	7.5	7.2	7.0	6.7	6.0
-70°	9.2	7.3	6.4	6.3	6.2	6.1	5.9	5.8	5.6	5.2	4.5
-72.5°	6.9	5.6	4.9	4.8	4.7	4.6	4.5	4.2	3.8	3.3	2.9
-75°	4.7	4.0	3.5	3.4	3.3	3.2	3.0	2.8	2.5	2.2	1.9
-77.5°	3.0	2.6	2.2	2.2	2.1	2.0	1.9	1.7	1.5	1.4	1.2
-80°	1.6	1.4	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7
-82.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
-85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-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°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	1.1	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4
75°	1.7	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4
72.5°	2.6	2.4	2.1	1.7	1.5	1.2	1.0	0.8	0.7	0.6	0.4
70°	3.9	3.3	2.9	2.5	2.0	1.6	1.3	1.1	0.9	0.8	0.6
67.5°	5.3	4.5	3.9	3.2	2.7	2.2	1.7	1.4	1.2	0.9	0.8
65°	6.4	5.6	4.8	4.1	3.4	2.8	2.2	1.8	1.5	1.2	0.9
62.5°	7.4	6.5	5.7	4.9	4.2	3.4	2.7	2.4	1.9	1.5	1.2
60°	8.7	7.7	6.6	5.7	4.9	4.1	3.4	2.9	2.4	1.8	1.5
57.5°	10.2	9.1	7.8	6.6	5.6	4.7	4.1	3.5	2.9	2.3	1.7
55°	11.9	10.6	9.0	7.6	6.4	5.4	4.8	4.2	3.5	2.8	2.0
52.5°	13.7	12.0	10.3	8.6	7.2	6.2	5.6	4.9	4.1	3.3	2.5
50°	15.4	13.5	11.6	9.7	8.0	7.2	6.5	5.7	4.8	3.8	3.0
47.5°	16.8	14.9	12.9	10.8	9.0	8.2	7.5	6.5	5.4	4.4	3.5
45°	18.3	16.1	14.1	12.0	10.2	9.5	8.6	7.4	6.2	5.1	4.1
42.5°	19.8	17.4	15.2	13.1	11.7	10.7	9.8	8.5	7.0	5.8	4.7
40°	21.6	18.8	16.2	14.4	13.2	11.9	10.9	9.6	7.9	6.6	5.3
37.5°	23.4	20.3	17.4	15.8	14.5	13.2	12.0	10.7	9.0	7.5	6.0
35°	25.8	21.8	19.1	17.2	15.8	14.4	13.1	11.9	10.2	8.4	6.6
32.5°	28.0	23.8	21.0	18.7	17.0	15.6	14.2	13.3	11.5	9.3	7.3
30°	31.0	26.5	22.9	20.1	18.1	16.6	15.5	14.8	12.9	10.2	8.0
27.5°	34.7	29.1	24.8	21.7	19.4	17.7	17.3	16.5	14.3	11.3	8.8
25°	38.5	32.2	27.1	23.3	20.5	19.5	19.0	18.4	15.7	12.4	9.5
22.5°	42.7	35.3	29.3	24.8	22.5	21.2	20.7	20.0	17.3	13.6	10.3
20°	46.7	38.3	31.6	27.3	24.6	23.0	22.3	21.5	18.8	14.7	11.0
17.5°	50.4	41.7	34.8	30.0	26.7	24.8	23.8	23.1	20.5	15.8	11.7
15°	52.8	45.2	37.9	32.5	28.8	26.5	25.3	24.6	22.1	16.9	12.2
12.5°	54.9	48.3	40.6	34.9	30.8	28.2	26.7	26.0	23.8	17.6	12.5
10°	56.7	51.0	43.0	37.1	32.7	29.8	28.1	27.1	24.4	18.0	12.7
7.5°	58.1	53.3	45.2	39.1	34.2	30.6	28.3	27.3	24.8	18.2	12.9
5°	59.1	54.6	46.2	39.6	34.3	30.5	28.3	27.4	25.0	18.4	13.1
2.5°	59.2	54.8	46.4	39.8	34.4	30.4	28.2	27.5	25.2	18.5	13.2
0°	59.2	54.6	46.4	39.8	34.3	30.2	28.2	27.6	25.2	18.5	13.2
-2.5°	59.2	54.8	46.4	39.8	34.4	30.4	28.2	27.5	25.2	18.5	13.2
-5°	59.1	54.6	46.2	39.6	34.3	30.5	28.3	27.4	25.0	18.4	13.1
-7.5°	58.1	53.3	45.2	39.1	34.2	30.6	28.3	27.3	24.8	18.2	12.9
-10°	56.7	51.0	43.0	37.1	32.7	29.8	28.1	27.1	24.4	18.0	12.7
-12.5°	54.9	48.3	40.6	34.9	30.8	28.2	26.7	26.0	23.8	17.6	12.5
-15°	52.8	45.2	37.9	32.5	28.8	26.5	25.3	24.6	22.1	16.9	12.2
-17.5°	50.4	41.7	34.8	30.0	26.7	24.8	23.8	23.1	20.5	15.8	11.7
-20°	46.7	38.3	31.6	27.3	24.6	23.0	22.3	21.5	18.8	14.7	11.0



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	42.7	35.3	29.3	24.8	22.5	21.2	20.7	20.0	17.3	13.6	10.3
-25°	38.5	32.2	27.1	23.3	20.5	19.5	19.0	18.4	15.7	12.4	9.5
-27.5°	34.7	29.1	24.8	21.7	19.4	17.7	17.3	16.5	14.3	11.3	8.8
-30°	31.0	26.5	22.9	20.1	18.1	16.6	15.5	14.8	12.9	10.2	8.0
-32.5°	28.0	23.8	21.0	18.7	17.0	15.6	14.2	13.3	11.5	9.3	7.3
-35°	25.8	21.8	19.1	17.2	15.8	14.4	13.1	11.9	10.2	8.4	6.6
-37.5°	23.4	20.3	17.4	15.8	14.5	13.2	12.0	10.7	9.0	7.5	6.0
-40°	21.6	18.8	16.2	14.4	13.2	11.9	10.9	9.6	7.9	6.6	5.3
-42.5°	19.8	17.4	15.2	13.1	11.7	10.7	9.8	8.5	7.0	5.8	4.7
-45°	18.3	16.1	14.1	12.0	10.2	9.5	8.6	7.4	6.2	5.1	4.1
-47.5°	16.8	14.9	12.9	10.8	9.0	8.2	7.5	6.5	5.4	4.4	3.5
-50°	15.4	13.5	11.6	9.7	8.0	7.2	6.5	5.7	4.8	3.8	3.0
-52.5°	13.7	12.0	10.3	8.6	7.2	6.2	5.6	4.9	4.1	3.3	2.5
-55°	11.9	10.6	9.0	7.6	6.4	5.4	4.8	4.2	3.5	2.8	2.0
-57.5°	10.2	9.1	7.8	6.6	5.6	4.7	4.1	3.5	2.9	2.3	1.7
-60°	8.7	7.7	6.6	5.7	4.9	4.1	3.4	2.9	2.4	1.8	1.5
-62.5°	7.4	6.5	5.7	4.9	4.2	3.4	2.7	2.4	1.9	1.5	1.2
-65°	6.4	5.6	4.8	4.1	3.4	2.8	2.2	1.8	1.5	1.2	0.9
-67.5°	5.3	4.5	3.9	3.2	2.7	2.2	1.7	1.4	1.2	0.9	0.8
-70°	3.9	3.3	2.9	2.5	2.0	1.6	1.3	1.1	0.9	0.8	0.6
-72.5°	2.6	2.4	2.1	1.7	1.5	1.2	1.0	0.8	0.7	0.6	0.4
-75°	1.7	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4
-77.5°	1.1	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4
-80°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-87.5°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-TSB-XX

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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
62.5°	0.9	0.6	0.4	0.4	0.4	0.2	0.0
60°	1.0	0.7	0.4	0.4	0.4	0.2	0.0
57.5°	1.3	0.9	0.5	0.4	0.4	0.2	0.0
55°	1.6	1.0	0.6	0.4	0.4	0.2	0.0
52.5°	1.8	1.1	0.7	0.4	0.4	0.2	0.0
50°	2.1	1.4	0.8	0.4	0.4	0.3	0.0
47.5°	2.4	1.6	0.9	0.4	0.4	0.3	0.0
45°	2.9	1.9	1.0	0.5	0.4	0.3	0.0
42.5°	3.4	2.2	1.1	0.6	0.4	0.3	0.0
40°	3.9	2.4	1.3	0.6	0.4	0.3	0.0
37.5°	4.3	2.7	1.5	0.7	0.4	0.3	0.0
35°	4.8	3.0	1.7	0.8	0.5	0.3	0.0
32.5°	5.3	3.4	1.8	0.8	0.5	0.3	0.0
30°	5.9	3.7	2.0	0.9	0.5	0.3	0.0
27.5°	6.4	4.1	2.1	0.9	0.5	0.4	0.0
25°	6.9	4.5	2.2	0.9	0.5	0.4	0.0
22.5°	7.5	4.7	2.3	1.0	0.5	0.4	0.0
20°	8.0	4.9	2.4	1.0	0.5	0.4	0.0
17.5°	8.2	4.9	2.4	1.0	0.5	0.4	0.0
15°	8.3	5.0	2.4	1.0	0.5	0.4	0.0
12.5°	8.4	5.0	2.4	1.0	0.5	0.4	0.0
10°	8.4	4.9	2.4	1.0	0.6	0.4	0.0
7.5°	8.4	4.9	2.4	1.0	0.6	0.4	0.0
5°	8.3	4.8	2.3	1.0	0.6	0.4	0.0
2.5°	8.2	4.6	2.3	1.0	0.6	0.4	0.0
0°	8.1	4.5	2.2	1.0	0.6	0.4	0.0
-2.5°	8.2	4.6	2.3	1.0	0.6	0.4	0.0
-5°	8.3	4.8	2.3	1.0	0.6	0.4	0.0
-7.5°	8.4	4.9	2.4	1.0	0.6	0.4	0.0
-10°	8.4	4.9	2.4	1.0	0.6	0.4	0.0
-12.5°	8.4	5.0	2.4	1.0	0.5	0.4	0.0
-15°	8.3	5.0	2.4	1.0	0.5	0.4	0.0
-17.5°	8.2	4.9	2.4	1.0	0.5	0.4	0.0
-20°	8.0	4.9	2.4	1.0	0.5	0.4	0.0



REPORT NUMBER: P558481 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.5	4.7	2.3	1.0	0.5	0.4	0.0
-25°	6.9	4.5	2.2	0.9	0.5	0.4	0.0
-27.5°	6.4	4.1	2.1	0.9	0.5	0.4	0.0
-30°	5.9	3.7	2.0	0.9	0.5	0.3	0.0
-32.5°	5.3	3.4	1.8	0.8	0.5	0.3	0.0
-35°	4.8	3.0	1.7	0.8	0.5	0.3	0.0
-37.5°	4.3	2.7	1.5	0.7	0.4	0.3	0.0
-40°	3.9	2.4	1.3	0.6	0.4	0.3	0.0
-42.5°	3.4	2.2	1.1	0.6	0.4	0.3	0.0
-45°	2.9	1.9	1.0	0.5	0.4	0.3	0.0
-47.5°	2.4	1.6	0.9	0.4	0.4	0.3	0.0
-50°	2.1	1.4	0.8	0.4	0.4	0.3	0.0
-52.5°	1.8	1.1	0.7	0.4	0.4	0.2	0.0
-55°	1.6	1.0	0.6	0.4	0.4	0.2	0.0
-57.5°	1.3	0.9	0.5	0.4	0.4	0.2	0.0
-60°	1.0	0.7	0.4	0.4	0.4	0.2	0.0
-62.5°	0.9	0.6	0.4	0.4	0.4	0.2	0.0
-65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
-67.5°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
-70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
-72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
-75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
-77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
-80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)