

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: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-AMB-U-MR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-AMB-U-MR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

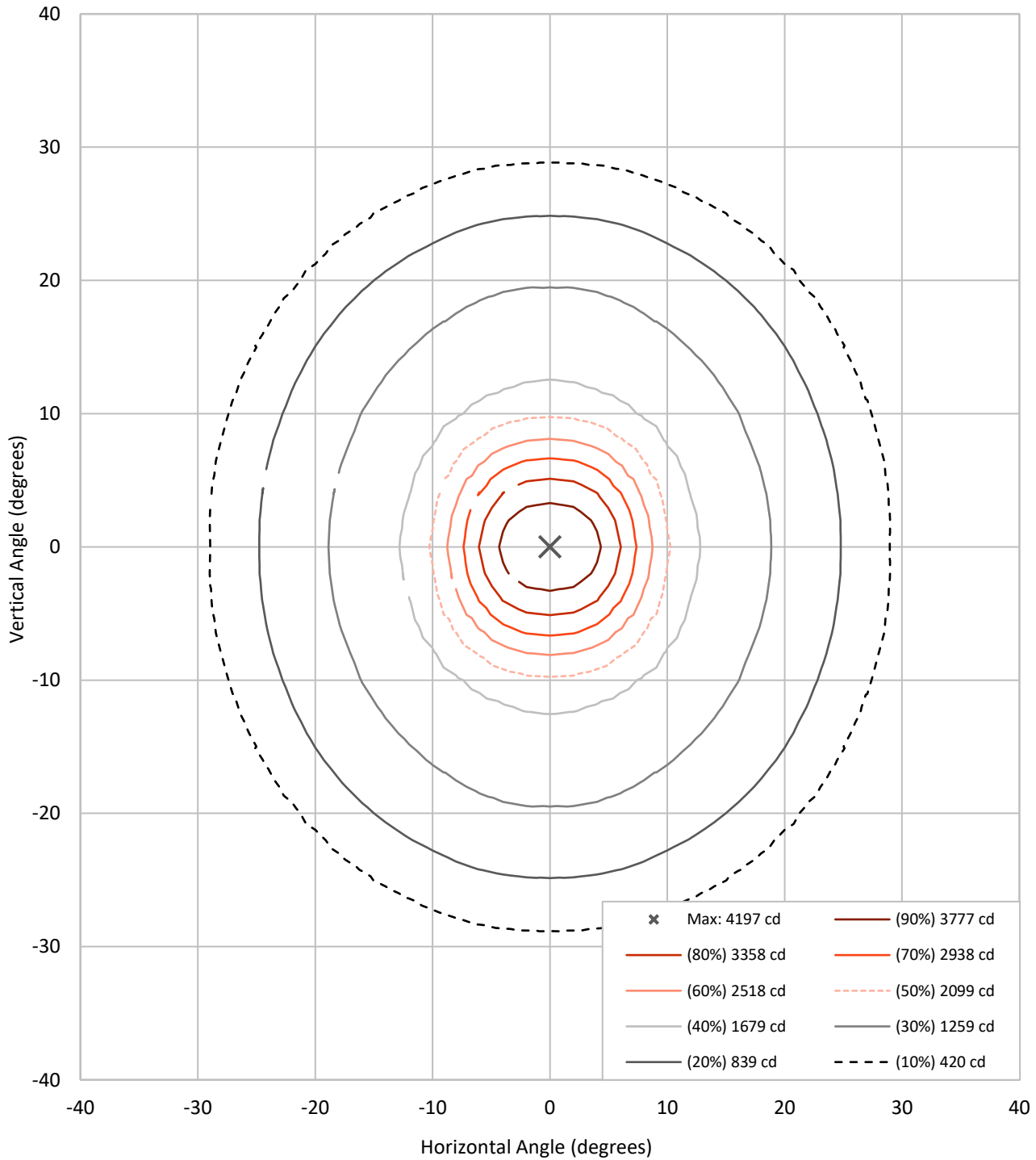
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1223.3 lumens	Max Intensity:	4197 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	20.5°H x 19.5°V	Field Angle (10%):	57.9°H x 57.7°V
Beam Lumens:	294 lumens	Field Lumens:	1044.6 lumens
Beam Efficiency:	24.0%	Field Efficiency:	85.4%
Input Watts (W):	23.3		
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





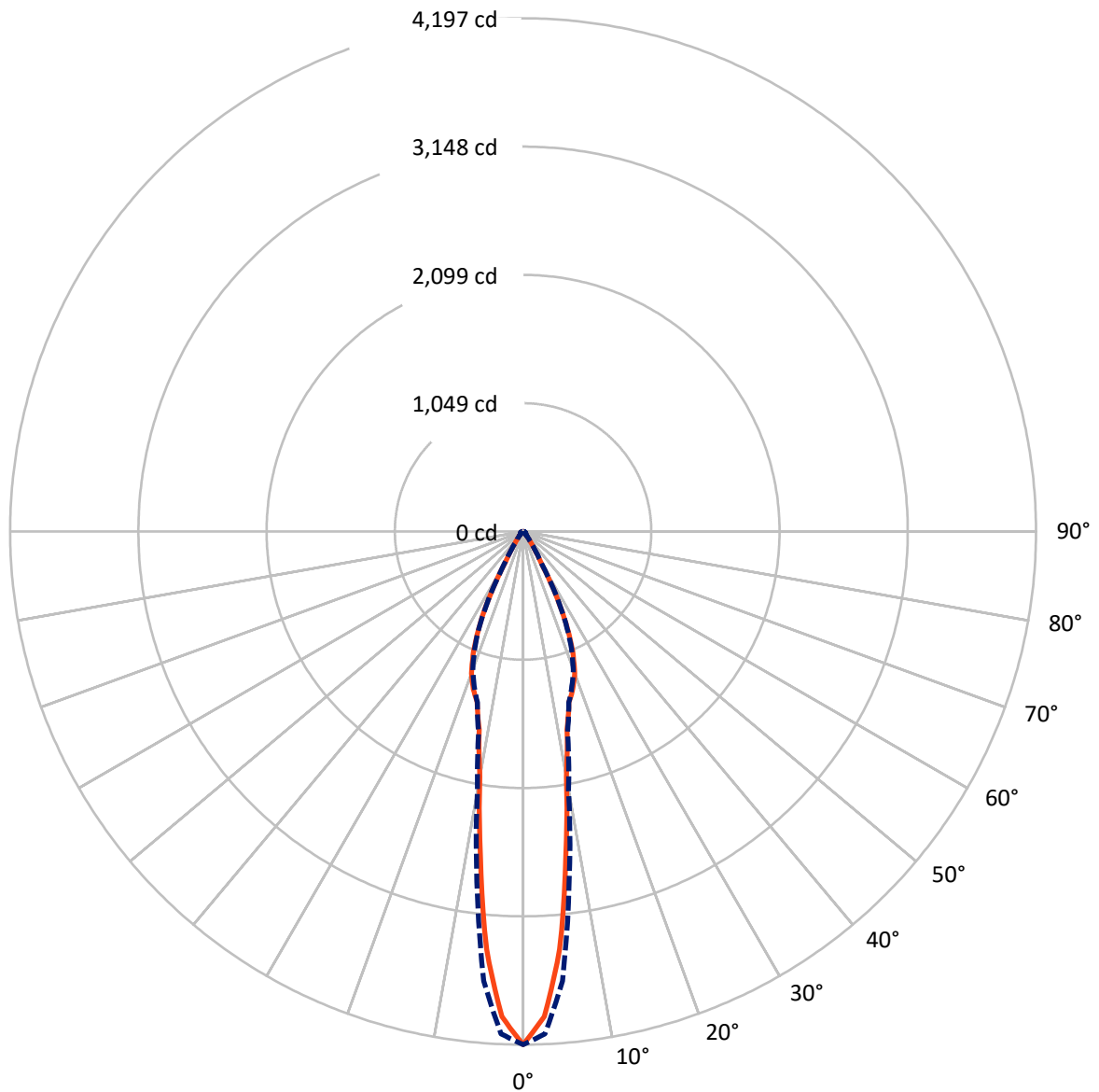
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Lumen Table

90																			
80	0.0	0.1		0.4		0.6		0.7		0.6		0.4		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.1			
50		0.1	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2	0.1				
40	0.1	0.2	0.3	0.5	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.5	0.3	0.2	0.1			
30		0.2	0.4	0.5	0.6	1.2	2.4	3.7	3.7	2.4	1.2	0.6	0.5	0.4	0.2				
20	0.2	0.2	0.4	0.5	1.1	3.8	13.0	22.8	22.8	13.0	3.8	1.1	0.5	0.4	0.2	0.2			
10		0.3	0.4	0.6	2.1	12.5	32.4	43.7	43.7	32.4	12.5	2.1	0.6	0.4	0.3				
0	0.2	0.3	0.4	0.7	3.2	20.8	42.2	84.2	84.2	42.2	20.8	3.2	0.7	0.4	0.3	0.2			
-10		0.3	0.4	0.7	3.2	20.8	42.2	84.2	84.2	42.2	20.8	3.2	0.7	0.4	0.3				
-20	0.2	0.3	0.4	0.6	2.1	12.5	32.4	43.7	43.7	32.4	12.5	2.1	0.6	0.4	0.3	0.2			
-30		0.2	0.4	0.5	1.1	3.8	13.0	22.8	22.8	13.0	3.8	1.1	0.5	0.4	0.2				
-40	0.1	0.2	0.4	0.5	0.6	1.2	2.4	3.7	3.7	2.4	1.2	0.6	0.5	0.4	0.2	0.1			
-50		0.2	0.3	0.5	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.5	0.3	0.2				
-60	0.1	0.1	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2	0.1	0.1			
-70		0.1	0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.1		0.1		
-80																			
-90	0.0	0.1		0.4		0.6		0.7		0.6		0.4		0.1		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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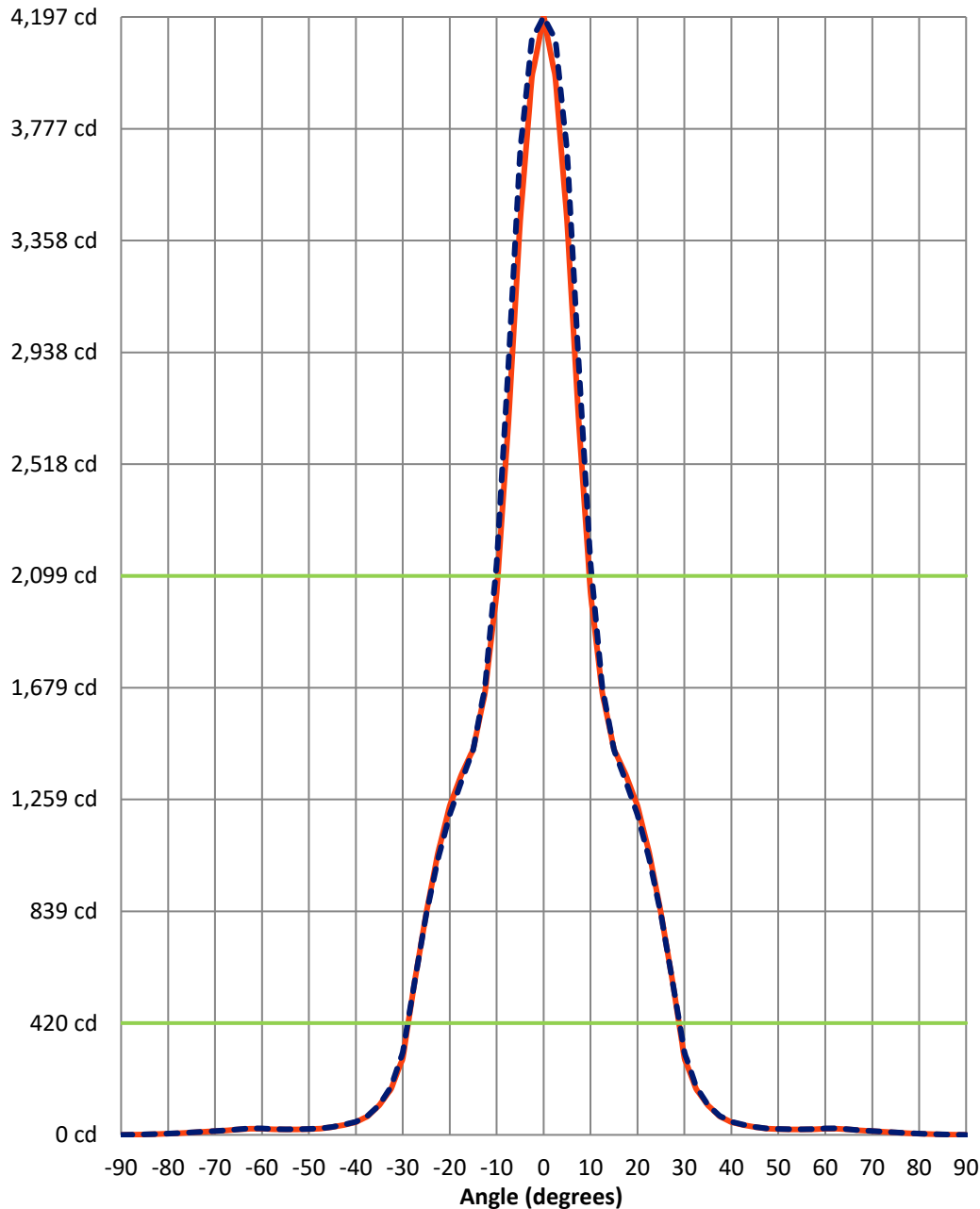
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 20.5°
V Angle: 19.5°
Lumens: 294
Efficiency: 24.0%

Field:
H Angle: 57.9°
V Angle: 57.7°
Lumens: 1044.6
Efficiency: 85.4%

Spill:
Lumens: 178.7
Efficiency: 14.6%

- 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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.0
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.5
77.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.5	1.8	2.0
75°	0.0	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5
72.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.6	2.0	2.3	2.6	2.9
70°	0.0	0.2	0.5	0.7	1.1	1.5	1.9	2.3	2.7	3.0	3.6
67.5°	0.0	0.3	0.5	0.9	1.3	1.8	2.2	2.6	3.0	3.7	4.3
65°	0.0	0.3	0.6	1.0	1.5	2.0	2.5	2.9	3.6	4.3	5.0
62.5°	0.0	0.3	0.6	1.2	1.7	2.2	2.7	3.3	4.1	4.9	5.8
60°	0.0	0.3	0.7	1.3	1.9	2.4	3.0	3.8	4.7	5.6	6.5
57.5°	0.0	0.4	0.8	1.4	2.1	2.6	3.4	4.3	5.2	6.2	7.3
55°	0.0	0.4	0.9	1.6	2.2	2.8	3.7	4.8	5.8	6.9	8.3
52.5°	0.0	0.4	1.0	1.7	2.4	3.1	4.1	5.2	6.3	7.7	9.2
50°	0.0	0.4	1.0	1.8	2.5	3.4	4.5	5.7	6.9	8.5	10.1
47.5°	0.0	0.5	1.1	1.9	2.7	3.7	4.9	6.1	7.6	9.3	11.0
45°	0.0	0.5	1.2	2.0	2.8	3.9	5.2	6.5	8.2	10.0	11.8
42.5°	0.0	0.5	1.3	2.1	2.9	4.2	5.6	7.0	8.8	10.7	12.6
40°	0.0	0.5	1.3	2.2	3.1	4.5	5.9	7.5	9.4	11.4	13.3
37.5°	0.0	0.6	1.4	2.3	3.3	4.7	6.2	8.0	10.0	12.1	14.1
35°	0.0	0.6	1.5	2.4	3.5	5.0	6.5	8.4	10.6	12.7	14.8
32.5°	0.0	0.6	1.5	2.5	3.7	5.2	6.8	8.8	11.1	13.3	15.5
30°	0.0	0.6	1.6	2.6	3.8	5.4	7.1	9.2	11.6	13.8	16.2
27.5°	0.0	0.6	1.6	2.6	4.0	5.6	7.4	9.6	12.1	14.3	16.8
25°	0.0	0.6	1.7	2.7	4.1	5.8	7.7	9.9	12.5	14.8	17.4
22.5°	0.0	0.6	1.7	2.7	4.2	6.0	7.9	10.3	12.9	15.3	17.9
20°	0.0	0.7	1.8	2.8	4.4	6.1	8.1	10.6	13.2	15.7	18.4
17.5°	0.0	0.7	1.8	2.8	4.5	6.3	8.3	10.9	13.5	16.0	18.9
15°	0.0	0.7	1.8	2.9	4.6	6.4	8.5	11.2	13.8	16.3	19.3
12.5°	0.0	0.7	1.8	2.9	4.6	6.5	8.7	11.4	14.0	16.5	19.6
10°	0.0	0.7	1.9	2.9	4.7	6.6	8.9	11.6	14.2	16.7	20.0
7.5°	0.0	0.7	1.9	3.0	4.7	6.6	9.0	11.7	14.3	16.9	20.3
5°	0.0	0.7	1.9	3.0	4.8	6.7	9.1	11.8	14.4	17.0	20.6
2.5°	0.0	0.7	1.9	3.0	4.8	6.7	9.2	11.9	14.5	17.1	20.8
0°	0.0	0.7	1.9	3.0	4.8	6.7	9.3	11.9	14.5	17.1	20.9
-2.5°	0.0	0.7	1.9	3.0	4.8	6.7	9.2	11.9	14.5	17.1	20.8
-5°	0.0	0.7	1.9	3.0	4.8	6.7	9.1	11.8	14.4	17.0	20.6
-7.5°	0.0	0.7	1.9	3.0	4.7	6.6	9.0	11.7	14.3	16.9	20.3
-10°	0.0	0.7	1.9	2.9	4.7	6.6	8.9	11.6	14.2	16.7	20.0
-12.5°	0.0	0.7	1.8	2.9	4.6	6.5	8.7	11.4	14.0	16.5	19.6
-15°	0.0	0.7	1.8	2.9	4.6	6.4	8.5	11.2	13.8	16.3	19.3
-17.5°	0.0	0.7	1.8	2.8	4.5	6.3	8.3	10.9	13.5	16.0	18.9
-20°	0.0	0.7	1.8	2.8	4.4	6.1	8.1	10.6	13.2	15.7	18.4



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.7	2.7	4.2	6.0	7.9	10.3	12.9	15.3	17.9
-25°	0.0	0.6	1.7	2.7	4.1	5.8	7.7	9.9	12.5	14.8	17.4
-27.5°	0.0	0.6	1.6	2.6	4.0	5.6	7.4	9.6	12.1	14.3	16.8
-30°	0.0	0.6	1.6	2.6	3.8	5.4	7.1	9.2	11.6	13.8	16.2
-32.5°	0.0	0.6	1.5	2.5	3.7	5.2	6.8	8.8	11.1	13.3	15.5
-35°	0.0	0.6	1.5	2.4	3.5	5.0	6.5	8.4	10.6	12.7	14.8
-37.5°	0.0	0.6	1.4	2.3	3.3	4.7	6.2	8.0	10.0	12.1	14.1
-40°	0.0	0.5	1.3	2.2	3.1	4.5	5.9	7.5	9.4	11.4	13.3
-42.5°	0.0	0.5	1.3	2.1	2.9	4.2	5.6	7.0	8.8	10.7	12.6
-45°	0.0	0.5	1.2	2.0	2.8	3.9	5.2	6.5	8.2	10.0	11.8
-47.5°	0.0	0.5	1.1	1.9	2.7	3.7	4.9	6.1	7.6	9.3	11.0
-50°	0.0	0.4	1.0	1.8	2.5	3.4	4.5	5.7	6.9	8.5	10.1
-52.5°	0.0	0.4	1.0	1.7	2.4	3.1	4.1	5.2	6.3	7.7	9.2
-55°	0.0	0.4	0.9	1.6	2.2	2.8	3.7	4.8	5.8	6.9	8.3
-57.5°	0.0	0.4	0.8	1.4	2.1	2.6	3.4	4.3	5.2	6.2	7.3
-60°	0.0	0.3	0.7	1.3	1.9	2.4	3.0	3.8	4.7	5.6	6.5
-62.5°	0.0	0.3	0.6	1.2	1.7	2.2	2.7	3.3	4.1	4.9	5.8
-65°	0.0	0.3	0.6	1.0	1.5	2.0	2.5	2.9	3.6	4.3	5.0
-67.5°	0.0	0.3	0.5	0.9	1.3	1.8	2.2	2.6	3.0	3.7	4.3
-70°	0.0	0.2	0.5	0.7	1.1	1.5	1.9	2.3	2.7	3.0	3.6
-72.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.6	2.0	2.3	2.6	2.9
-75°	0.0	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5
-77.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.5	1.8	2.0
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.5
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.0
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-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-SA1B-AMB-U-MR-BK

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°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4
82.5°	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4
80°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.3	3.5
77.5°	2.2	2.4	2.6	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.7
75°	2.7	3.0	3.4	3.7	4.1	4.5	4.9	5.2	5.6	6.0	6.4
72.5°	3.3	3.8	4.3	4.8	5.3	5.8	6.2	6.6	7.1	7.6	8.2
70°	4.1	4.7	5.3	6.0	6.6	7.2	7.7	8.3	8.9	9.5	10.1
67.5°	4.9	5.6	6.4	7.2	7.9	8.6	9.3	10.0	10.7	11.4	12.1
65°	5.8	6.6	7.5	8.4	9.2	10.1	11.0	11.8	12.6	13.4	14.2
62.5°	6.6	7.6	8.7	9.7	10.7	11.7	12.6	13.5	14.4	15.4	16.4
60°	7.6	8.8	9.9	11.0	12.1	13.2	14.2	15.3	16.5	17.5	18.5
57.5°	8.6	9.9	11.2	12.4	13.6	14.7	16.0	17.3	18.5	19.7	20.8
55°	9.7	11.0	12.4	13.7	15.0	16.4	17.9	19.2	20.5	21.8	23.0
52.5°	10.7	12.1	13.6	15.0	16.5	18.1	19.6	21.1	22.6	23.5	23.5
50°	11.7	13.2	14.7	16.3	18.0	19.7	21.5	23.1	23.7	23.6	23.0
47.5°	12.6	14.2	15.8	17.6	19.4	21.3	23.3	23.8	23.7	22.7	21.7
45°	13.5	15.3	17.0	18.9	20.9	22.9	23.7	23.8	22.7	21.7	21.0
42.5°	14.4	16.3	18.2	20.1	22.2	23.5	23.7	22.7	21.8	21.0	20.8
40°	15.3	17.3	19.4	21.4	23.2	23.5	22.8	21.8	21.2	21.0	21.2
37.5°	16.2	18.4	20.5	22.7	23.3	23.1	21.8	21.2	21.0	21.2	21.7
35°	17.1	19.4	21.6	23.3	23.5	22.2	21.4	20.9	21.2	21.6	22.5
32.5°	18.0	20.3	22.7	23.4	22.8	21.5	21.0	21.1	21.5	22.2	23.8
30°	18.8	21.2	23.4	23.5	22.1	21.2	21.0	21.3	21.9	23.4	26.5
27.5°	19.5	22.1	23.5	23.1	21.5	20.8	21.1	21.6	22.7	25.0	29.8
25°	20.2	22.9	23.5	22.5	21.2	20.8	21.2	22.0	23.7	27.9	33.8
22.5°	20.8	23.7	23.6	22.0	20.9	20.8	21.5	22.7	25.3	30.7	37.8
20°	21.5	23.8	23.4	21.5	20.5	20.9	21.8	23.4	27.5	34.0	42.1
17.5°	22.0	23.9	23.1	21.3	20.6	21.0	22.1	24.1	29.5	37.1	46.3
15°	22.6	24.0	22.7	21.1	20.7	21.3	22.6	25.6	31.7	40.1	50.1
12.5°	23.1	24.1	22.4	20.9	20.7	21.5	23.0	26.9	33.8	43.0	56.6
10°	23.5	24.1	22.2	20.8	20.8	21.7	23.3	27.9	35.5	45.3	62.0
7.5°	23.9	24.2	21.9	20.7	20.8	21.8	23.5	28.7	36.8	47.1	66.3
5°	24.2	24.2	21.7	20.7	20.9	22.0	23.7	29.3	37.6	48.4	69.4
2.5°	24.5	24.2	21.6	20.8	21.1	22.2	24.0	29.7	38.2	49.1	71.1
0°	24.6	24.2	21.6	20.9	21.2	22.3	24.2	29.8	38.4	49.2	71.5
-2.5°	24.5	24.2	21.6	20.8	21.1	22.2	24.0	29.7	38.2	49.1	71.1
-5°	24.2	24.2	21.7	20.7	20.9	22.0	23.7	29.3	37.6	48.4	69.4
-7.5°	23.9	24.2	21.9	20.7	20.8	21.8	23.5	28.7	36.8	47.1	66.3
-10°	23.5	24.1	22.2	20.8	20.8	21.7	23.3	27.9	35.5	45.3	62.0
-12.5°	23.1	24.1	22.4	20.9	20.7	21.5	23.0	26.9	33.8	43.0	56.6
-15°	22.6	24.0	22.7	21.1	20.7	21.3	22.6	25.6	31.7	40.1	50.1
-17.5°	22.0	23.9	23.1	21.3	20.6	21.0	22.1	24.1	29.5	37.1	46.3
-20°	21.5	23.8	23.4	21.5	20.5	20.9	21.8	23.4	27.5	34.0	42.1



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	20.8	23.7	23.6	22.0	20.9	20.8	21.5	22.7	25.3	30.7	37.8
-25°	20.2	22.9	23.5	22.5	21.2	20.8	21.2	22.0	23.7	27.9	33.8
-27.5°	19.5	22.1	23.5	23.1	21.5	20.8	21.1	21.6	22.7	25.0	29.8
-30°	18.8	21.2	23.4	23.5	22.1	21.2	21.0	21.3	21.9	23.4	26.5
-32.5°	18.0	20.3	22.7	23.4	22.8	21.5	21.0	21.1	21.5	22.2	23.8
-35°	17.1	19.4	21.6	23.3	23.5	22.2	21.4	20.9	21.2	21.6	22.5
-37.5°	16.2	18.4	20.5	22.7	23.3	23.1	21.8	21.2	21.0	21.2	21.7
-40°	15.3	17.3	19.4	21.4	23.2	23.5	22.8	21.8	21.2	21.0	21.2
-42.5°	14.4	16.3	18.2	20.1	22.2	23.5	23.7	22.7	21.8	21.0	20.8
-45°	13.5	15.3	17.0	18.9	20.9	22.9	23.7	23.8	22.7	21.7	21.0
-47.5°	12.6	14.2	15.8	17.6	19.4	21.3	23.3	23.8	23.7	22.7	21.7
-50°	11.7	13.2	14.7	16.3	18.0	19.7	21.5	23.1	23.7	23.6	23.0
-52.5°	10.7	12.1	13.6	15.0	16.5	18.1	19.6	21.1	22.6	23.5	23.5
-55°	9.7	11.0	12.4	13.7	15.0	16.4	17.9	19.2	20.5	21.8	23.0
-57.5°	8.6	9.9	11.2	12.4	13.6	14.7	16.0	17.3	18.5	19.7	20.8
-60°	7.6	8.8	9.9	11.0	12.1	13.2	14.2	15.3	16.5	17.5	18.5
-62.5°	6.6	7.6	8.7	9.7	10.7	11.7	12.6	13.5	14.4	15.4	16.4
-65°	5.8	6.6	7.5	8.4	9.2	10.1	11.0	11.8	12.6	13.4	14.2
-67.5°	4.9	5.6	6.4	7.2	7.9	8.6	9.3	10.0	10.7	11.4	12.1
-70°	4.1	4.7	5.3	6.0	6.6	7.2	7.7	8.3	8.9	9.5	10.1
-72.5°	3.3	3.8	4.3	4.8	5.3	5.8	6.2	6.6	7.1	7.6	8.2
-75°	2.7	3.0	3.4	3.7	4.1	4.5	4.9	5.2	5.6	6.0	6.4
-77.5°	2.2	2.4	2.6	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.7
-80°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.3	3.5
-82.5°	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4
-85°	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4
-87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.5	1.4	1.5	1.5
82.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
80°	3.8	3.8	3.9	3.9	3.9	4.1	4.2	4.4	4.5	4.6	4.7
77.5°	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6
75°	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.5	8.6	8.7
72.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.6	10.8	10.9	11.1	11.2
70°	10.6	11.1	11.6	12.1	12.5	12.8	13.1	13.3	13.5	13.7	14.0
67.5°	12.8	13.5	14.0	14.5	14.9	15.2	15.6	15.9	16.2	16.5	16.7
65°	15.1	15.8	16.3	16.8	17.2	17.6	18.1	18.5	19.0	19.3	19.6
62.5°	17.2	18.0	18.7	19.2	19.6	20.0	20.7	21.4	21.9	22.3	22.7
60°	19.5	20.4	21.3	22.0	22.6	23.1	23.1	23.1	23.1	23.1	23.1
57.5°	21.9	23.0	23.8	23.6	23.4	23.2	22.8	22.4	22.0	21.7	21.4
55°	23.6	23.7	23.8	23.1	22.3	21.5	20.9	20.8	20.6	20.4	20.3
52.5°	23.6	22.9	22.2	21.4	21.1	20.8	20.5	20.4	20.3	20.3	20.3
50°	22.2	21.5	21.2	20.9	20.8	20.6	20.5	20.6	20.7	20.9	21.0
47.5°	21.1	20.8	20.8	20.9	20.9	21.0	21.1	21.3	21.9	22.4	22.7
45°	20.6	20.9	21.1	21.3	21.5	22.2	23.0	23.7	25.1	26.5	27.6
42.5°	21.1	21.4	21.7	22.5	23.6	25.1	27.2	29.0	31.2	33.2	34.6
40°	21.6	22.2	23.3	24.9	27.7	30.3	33.6	36.7	39.4	41.9	44.0
37.5°	22.5	23.8	26.4	29.5	33.5	37.5	41.7	45.8	49.3	55.4	60.4
35°	23.9	27.1	30.8	35.6	40.6	46.0	52.3	61.2	69.4	80.4	91.0
32.5°	27.2	31.5	36.8	42.7	48.9	59.7	70.2	87.8	103.9	121.8	140.1
30°	31.1	37.0	43.6	51.3	64.7	81.6	102.7	127.8	155.4	185.0	223.6
27.5°	36.0	43.2	51.7	66.5	87.9	112.4	146.6	184.6	242.3	289.8	376.2
25°	41.0	49.6	65.0	88.2	117.5	157.3	216.6	285.6	400.1	528.0	640.6
22.5°	46.5	60.4	82.3	113.5	157.9	229.0	322.2	485.3	642.8	766.7	868.3
20°	52.8	71.0	103.7	148.7	220.0	325.6	514.9	696.5	842.7	971.3	1070.7
17.5°	61.8	88.4	129.5	189.4	294.3	489.8	700.7	872.6	1021.1	1134.5	1218.5
15°	70.0	104.8	157.9	251.2	410.7	651.2	849.3	1017.5	1153.5	1243.3	1312.7
12.5°	81.7	123.6	189.6	306.4	540.8	771.7	965.6	1123.8	1238.9	1323.6	1395.8
10°	92.8	143.7	232.9	394.8	651.1	868.3	1052.8	1201.7	1305.7	1396.4	1506.8
7.5°	101.3	159.6	268.7	477.0	734.6	949.4	1122.8	1252.0	1353.1	1476.6	1681.2
5°	107.5	171.6	296.3	539.0	788.4	1000.9	1170.9	1296.1	1399.8	1568.7	1887.4
2.5°	111.1	179.0	313.1	576.0	824.9	1028.0	1197.3	1320.0	1431.6	1647.7	2053.8
0°	112.1	181.0	310.6	571.6	827.8	1035.7	1201.7	1327.6	1446.4	1681.2	2146.5
-2.5°	111.1	179.0	313.1	576.0	824.9	1028.0	1197.3	1320.0	1431.6	1647.7	2053.8
-5°	107.5	171.6	296.3	539.0	788.4	1000.9	1170.9	1296.1	1399.8	1568.7	1887.4
-7.5°	101.3	159.6	268.7	477.0	734.6	949.4	1122.8	1252.0	1353.1	1476.6	1681.2
-10°	92.8	143.7	232.9	394.8	651.1	868.3	1052.8	1201.7	1305.7	1396.4	1506.8
-12.5°	81.7	123.6	189.6	306.4	540.8	771.7	965.6	1123.8	1238.9	1323.6	1395.8
-15°	70.0	104.8	157.9	251.2	410.7	651.2	849.3	1017.5	1153.5	1243.3	1312.7
-17.5°	61.8	88.4	129.5	189.4	294.3	489.8	700.7	872.6	1021.1	1134.5	1218.5
-20°	52.8	71.0	103.7	148.7	220.0	325.6	514.9	696.5	842.7	971.3	1070.7



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	46.5	60.4	82.3	113.5	157.9	229.0	322.2	485.3	642.8	766.7	868.3
-25°	41.0	49.6	65.0	88.2	117.5	157.3	216.6	285.6	400.1	528.0	640.6
-27.5°	36.0	43.2	51.7	66.5	87.9	112.4	146.6	184.6	242.3	289.8	376.2
-30°	31.1	37.0	43.6	51.3	64.7	81.6	102.7	127.8	155.4	185.0	223.6
-32.5°	27.2	31.5	36.8	42.7	48.9	59.7	70.2	87.8	103.9	121.8	140.1
-35°	23.9	27.1	30.8	35.6	40.6	46.0	52.3	61.2	69.4	80.4	91.0
-37.5°	22.5	23.8	26.4	29.5	33.5	37.5	41.7	45.8	49.3	55.4	60.4
-40°	21.6	22.2	23.3	24.9	27.7	30.3	33.6	36.7	39.4	41.9	44.0
-42.5°	21.1	21.4	21.7	22.5	23.6	25.1	27.2	29.0	31.2	33.2	34.6
-45°	20.6	20.9	21.1	21.3	21.5	22.2	23.0	23.7	25.1	26.5	27.6
-47.5°	21.1	20.8	20.8	20.9	20.9	21.0	21.1	21.3	21.9	22.4	22.7
-50°	22.2	21.5	21.2	20.9	20.8	20.6	20.5	20.6	20.7	20.9	21.0
-52.5°	23.6	22.9	22.2	21.4	21.1	20.8	20.5	20.4	20.3	20.3	20.3
-55°	23.6	23.7	23.8	23.1	22.3	21.5	20.9	20.8	20.6	20.4	20.3
-57.5°	21.9	23.0	23.8	23.6	23.4	23.2	22.8	22.4	22.0	21.7	21.4
-60°	19.5	20.4	21.3	22.0	22.6	23.1	23.1	23.1	23.1	23.1	23.1
-62.5°	17.2	18.0	18.7	19.2	19.6	20.0	20.7	21.4	21.9	22.3	22.7
-65°	15.1	15.8	16.3	16.8	17.2	17.6	18.1	18.5	19.0	19.3	19.6
-67.5°	12.8	13.5	14.0	14.5	14.9	15.2	15.6	15.9	16.2	16.5	16.7
-70°	10.6	11.1	11.6	12.1	12.5	12.8	13.1	13.3	13.5	13.7	14.0
-72.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.6	10.8	10.9	11.1	11.2
-75°	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.5	8.6	8.7
-77.5°	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6
-80°	3.8	3.8	3.9	3.9	3.9	4.1	4.2	4.4	4.5	4.6	4.7
-82.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
-85°	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.5	1.4	1.5	1.5
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	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



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8
80°	4.7	4.8	4.6	4.5	4.6	4.8	4.7	4.7	4.6	4.5	4.4
77.5°	6.6	6.7	6.5	6.3	6.5	6.7	6.6	6.6	6.5	6.4	6.2
75°	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5	8.4
72.5°	11.3	11.4	11.5	11.5	11.5	11.4	11.3	11.2	11.1	10.9	10.8
70°	14.2	14.4	14.3	14.2	14.3	14.4	14.2	14.0	13.7	13.5	13.3
67.5°	16.9	17.0	16.9	16.8	16.9	17.0	16.9	16.7	16.5	16.2	15.9
65°	19.8	20.0	20.2	20.5	20.2	20.0	19.8	19.6	19.3	19.0	18.5
62.5°	23.0	23.3	23.3	23.1	23.3	23.3	23.0	22.7	22.3	21.9	21.4
60°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
57.5°	21.2	21.0	20.9	20.9	20.9	21.0	21.2	21.4	21.7	22.0	22.4
55°	20.2	20.1	20.3	20.5	20.3	20.1	20.2	20.3	20.4	20.6	20.8
52.5°	20.3	20.1	20.2	20.5	20.2	20.1	20.3	20.3	20.3	20.3	20.4
50°	21.1	21.1	21.3	21.6	21.3	21.1	21.1	21.0	20.9	20.7	20.6
47.5°	22.9	23.0	23.2	23.5	23.2	23.0	22.9	22.7	22.4	21.9	21.3
45°	28.4	28.9	29.3	29.4	29.3	28.9	28.4	27.6	26.5	25.1	23.7
42.5°	35.8	36.6	37.0	37.2	37.0	36.6	35.8	34.6	33.2	31.2	29.0
40°	45.7	46.8	47.4	47.7	47.4	46.8	45.7	44.0	41.9	39.4	36.7
37.5°	64.4	67.3	69.0	69.6	69.0	67.3	64.4	60.4	55.4	49.3	45.8
35°	99.6	105.9	109.7	111.3	109.7	105.9	99.6	91.0	80.4	69.4	61.2
32.5°	154.4	164.6	170.7	172.4	170.7	164.6	154.4	140.1	121.8	103.9	87.8
30°	256.8	278.5	290.7	288.2	290.7	278.5	256.8	223.6	185.0	155.4	127.8
27.5°	462.2	521.3	556.3	571.9	556.3	521.3	462.2	376.2	289.8	242.3	184.6
25°	731.0	791.9	826.1	832.3	826.1	791.9	731.0	640.6	528.0	400.1	285.6
22.5°	961.4	1027.9	1057.2	1058.6	1057.2	1027.9	961.4	868.3	766.7	642.8	485.3
20°	1154.1	1211.0	1234.6	1234.9	1234.6	1211.0	1154.1	1070.7	971.3	842.7	696.5
17.5°	1278.8	1324.7	1343.6	1352.6	1343.6	1324.7	1278.8	1218.5	1134.5	1021.1	872.6
15°	1363.9	1410.5	1445.5	1447.9	1445.5	1410.5	1363.9	1312.7	1243.3	1153.5	1017.5
12.5°	1473.0	1557.7	1633.5	1659.8	1633.5	1557.7	1473.0	1395.8	1323.6	1238.9	1123.8
10°	1668.3	1847.7	2006.1	2035.9	2006.1	1847.7	1668.3	1506.8	1396.4	1305.7	1201.7
7.5°	1994.0	2370.7	2622.6	2675.0	2622.6	2370.7	1994.0	1681.2	1476.6	1353.1	1252.0
5°	2416.3	3030.9	3365.7	3430.2	3365.7	3030.9	2416.3	1887.4	1568.7	1399.8	1296.1
2.5°	2754.7	3531.6	3908.7	3970.0	3908.7	3531.6	2754.7	2053.8	1647.7	1431.6	1320.0
0°	2890.0	3690.1	4112.6	4197.0	4112.6	3690.1	2890.0	2146.5	1681.2	1446.4	1327.6
-2.5°	2754.7	3531.6	3908.7	3970.0	3908.7	3531.6	2754.7	2053.8	1647.7	1431.6	1320.0
-5°	2416.3	3030.9	3365.7	3430.2	3365.7	3030.9	2416.3	1887.4	1568.7	1399.8	1296.1
-7.5°	1994.0	2370.7	2622.6	2674.9	2622.6	2370.7	1994.0	1681.2	1476.6	1353.1	1252.0
-10°	1668.3	1847.7	2006.1	2035.9	2006.1	1847.7	1668.3	1506.8	1396.4	1305.7	1201.7
-12.5°	1473.0	1557.7	1633.5	1659.8	1633.5	1557.7	1473.0	1395.8	1323.6	1238.9	1123.8
-15°	1363.9	1410.5	1445.5	1447.9	1445.5	1410.5	1363.9	1312.7	1243.3	1153.5	1017.5
-17.5°	1278.8	1324.7	1343.6	1352.5	1343.6	1324.7	1278.8	1218.5	1134.5	1021.1	872.6
-20°	1154.1	1211.0	1234.6	1234.9	1234.6	1211.0	1154.1	1070.7	971.3	842.7	696.5



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	961.4	1027.9	1057.2	1058.6	1057.2	1027.9	961.4	868.3	766.7	642.8	485.3
-25°	731.0	791.9	826.1	832.3	826.1	791.9	731.0	640.6	528.0	400.1	285.6
-27.5°	462.2	521.3	556.3	571.8	556.3	521.3	462.2	376.2	289.8	242.3	184.6
-30°	256.8	278.5	290.7	288.2	290.7	278.5	256.8	223.6	185.0	155.4	127.8
-32.5°	154.4	164.6	170.7	172.4	170.7	164.6	154.4	140.1	121.8	103.9	87.8
-35°	99.6	105.9	109.7	111.3	109.7	105.9	99.6	91.0	80.4	69.4	61.2
-37.5°	64.4	67.3	69.0	69.6	69.0	67.3	64.4	60.4	55.4	49.3	45.8
-40°	45.7	46.8	47.4	47.7	47.4	46.8	45.7	44.0	41.9	39.4	36.7
-42.5°	35.8	36.6	37.0	37.2	37.0	36.6	35.8	34.6	33.2	31.2	29.0
-45°	28.4	28.9	29.3	29.4	29.3	28.9	28.4	27.6	26.5	25.1	23.7
-47.5°	22.9	23.0	23.2	23.5	23.2	23.0	22.9	22.7	22.4	21.9	21.3
-50°	21.1	21.1	21.3	21.6	21.3	21.1	21.1	21.0	20.9	20.7	20.6
-52.5°	20.3	20.1	20.2	20.5	20.2	20.1	20.3	20.3	20.3	20.3	20.4
-55°	20.2	20.1	20.3	20.5	20.3	20.1	20.2	20.3	20.4	20.6	20.8
-57.5°	21.2	21.0	20.9	20.9	20.9	21.0	21.2	21.4	21.7	22.0	22.4
-60°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
-62.5°	23.0	23.3	23.3	23.1	23.3	23.3	23.0	22.7	22.3	21.9	21.4
-65°	19.8	20.0	20.2	20.5	20.2	20.0	19.8	19.6	19.3	19.0	18.5
-67.5°	16.9	17.0	16.9	16.8	16.9	17.0	16.9	16.7	16.5	16.2	15.9
-70°	14.2	14.4	14.3	14.2	14.3	14.4	14.2	14.0	13.7	13.5	13.3
-72.5°	11.3	11.4	11.5	11.5	11.5	11.4	11.3	11.2	11.1	10.9	10.8
-75°	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5	8.4
-77.5°	6.6	6.7	6.5	6.3	6.5	6.7	6.6	6.6	6.5	6.4	6.2
-80°	4.7	4.8	4.6	4.5	4.6	4.8	4.7	4.7	4.6	4.5	4.4
-82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.6	1.6	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2
82.5°	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.4	2.3	2.1	2.0
80°	4.2	4.1	3.9	3.9	3.9	3.8	3.8	3.5	3.3	3.0	2.8
77.5°	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.7	4.5	4.2	3.9
75°	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.4	6.0	5.6	5.2
72.5°	10.6	10.4	10.1	9.8	9.4	9.0	8.6	8.2	7.6	7.1	6.6
70°	13.1	12.8	12.5	12.1	11.6	11.1	10.6	10.1	9.5	8.9	8.3
67.5°	15.6	15.2	14.9	14.5	14.0	13.5	12.8	12.1	11.4	10.7	10.0
65°	18.1	17.6	17.2	16.8	16.3	15.8	15.1	14.2	13.4	12.6	11.8
62.5°	20.7	20.0	19.6	19.2	18.7	18.0	17.2	16.4	15.4	14.4	13.5
60°	23.1	23.1	22.6	22.0	21.3	20.4	19.5	18.5	17.5	16.5	15.3
57.5°	22.8	23.2	23.4	23.6	23.8	23.0	21.9	20.8	19.7	18.5	17.3
55°	20.9	21.5	22.3	23.1	23.8	23.7	23.6	23.0	21.8	20.5	19.2
52.5°	20.5	20.8	21.1	21.4	22.2	22.9	23.6	23.5	23.5	22.6	21.1
50°	20.5	20.6	20.8	20.9	21.2	21.5	22.2	23.0	23.6	23.7	23.1
47.5°	21.1	21.0	20.9	20.9	20.8	20.8	21.1	21.7	22.7	23.7	23.8
45°	23.0	22.2	21.5	21.3	21.1	20.9	20.6	21.0	21.7	22.7	23.8
42.5°	27.2	25.1	23.6	22.5	21.7	21.4	21.1	20.8	21.0	21.8	22.7
40°	33.6	30.3	27.7	24.9	23.3	22.2	21.6	21.2	21.0	21.2	21.8
37.5°	41.7	37.5	33.5	29.5	26.4	23.8	22.5	21.7	21.2	21.0	21.2
35°	52.3	46.0	40.6	35.6	30.8	27.1	23.9	22.5	21.6	21.2	20.9
32.5°	70.2	59.7	48.9	42.7	36.8	31.5	27.2	23.8	22.2	21.5	21.1
30°	102.7	81.6	64.7	51.3	43.6	37.0	31.1	26.5	23.4	21.9	21.3
27.5°	146.6	112.4	87.9	66.5	51.7	43.2	36.0	29.8	25.0	22.7	21.6
25°	216.6	157.3	117.5	88.2	65.0	49.6	41.0	33.8	27.9	23.7	22.0
22.5°	322.2	229.0	157.9	113.5	82.3	60.4	46.5	37.8	30.7	25.3	22.7
20°	514.9	325.6	220.0	148.7	103.7	71.0	52.8	42.1	34.0	27.5	23.4
17.5°	700.7	489.8	294.3	189.4	129.5	88.4	61.8	46.3	37.1	29.5	24.1
15°	849.3	651.2	410.7	251.2	157.9	104.8	70.0	50.1	40.1	31.7	25.6
12.5°	965.6	771.7	540.8	306.4	189.6	123.6	81.7	56.6	43.0	33.8	26.9
10°	1052.8	868.3	651.1	394.8	232.9	143.7	92.8	62.0	45.3	35.5	27.9
7.5°	1122.8	949.4	734.6	477.0	268.7	159.6	101.3	66.3	47.1	36.8	28.7
5°	1170.9	1000.9	788.4	539.0	296.3	171.6	107.5	69.4	48.4	37.6	29.3
2.5°	1197.3	1028.0	824.9	576.0	313.1	179.0	111.1	71.1	49.1	38.2	29.7
0°	1201.7	1035.7	827.8	571.6	310.6	181.0	112.1	71.5	49.2	38.4	29.8
-2.5°	1197.3	1028.0	824.9	576.0	313.1	179.0	111.1	71.1	49.1	38.2	29.7
-5°	1170.9	1000.9	788.4	539.0	296.3	171.6	107.5	69.4	48.4	37.6	29.3
-7.5°	1122.8	949.4	734.6	477.0	268.7	159.6	101.3	66.3	47.1	36.8	28.7
-10°	1052.8	868.3	651.1	394.8	232.9	143.7	92.8	62.0	45.3	35.5	27.9
-12.5°	965.6	771.7	540.8	306.4	189.6	123.6	81.7	56.6	43.0	33.8	26.9
-15°	849.3	651.2	410.7	251.2	157.9	104.8	70.0	50.1	40.1	31.7	25.6
-17.5°	700.7	489.8	294.3	189.4	129.5	88.4	61.8	46.3	37.1	29.5	24.1
-20°	514.9	325.6	220.0	148.7	103.7	71.0	52.8	42.1	34.0	27.5	23.4



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	322.2	229.0	157.9	113.5	82.3	60.4	46.5	37.8	30.7	25.3	22.7
-25°	216.6	157.3	117.5	88.2	65.0	49.6	41.0	33.8	27.9	23.7	22.0
-27.5°	146.6	112.4	87.9	66.5	51.7	43.2	36.0	29.8	25.0	22.7	21.6
-30°	102.7	81.6	64.7	51.3	43.6	37.0	31.1	26.5	23.4	21.9	21.3
-32.5°	70.2	59.7	48.9	42.7	36.8	31.5	27.2	23.8	22.2	21.5	21.1
-35°	52.3	46.0	40.6	35.6	30.8	27.1	23.9	22.5	21.6	21.2	20.9
-37.5°	41.7	37.5	33.5	29.5	26.4	23.8	22.5	21.7	21.2	21.0	21.2
-40°	33.6	30.3	27.7	24.9	23.3	22.2	21.6	21.2	21.0	21.2	21.8
-42.5°	27.2	25.1	23.6	22.5	21.7	21.4	21.1	20.8	21.0	21.8	22.7
-45°	23.0	22.2	21.5	21.3	21.1	20.9	20.6	21.0	21.7	22.7	23.8
-47.5°	21.1	21.0	20.9	20.9	20.8	20.8	21.1	21.7	22.7	23.7	23.8
-50°	20.5	20.6	20.8	20.9	21.2	21.5	22.2	23.0	23.6	23.7	23.1
-52.5°	20.5	20.8	21.1	21.4	22.2	22.9	23.6	23.5	23.5	22.6	21.1
-55°	20.9	21.5	22.3	23.1	23.8	23.7	23.6	23.0	21.8	20.5	19.2
-57.5°	22.8	23.2	23.4	23.6	23.8	23.0	21.9	20.8	19.7	18.5	17.3
-60°	23.1	23.1	22.6	22.0	21.3	20.4	19.5	18.5	17.5	16.5	15.3
-62.5°	20.7	20.0	19.6	19.2	18.7	18.0	17.2	16.4	15.4	14.4	13.5
-65°	18.1	17.6	17.2	16.8	16.3	15.8	15.1	14.2	13.4	12.6	11.8
-67.5°	15.6	15.2	14.9	14.5	14.0	13.5	12.8	12.1	11.4	10.7	10.0
-70°	13.1	12.8	12.5	12.1	11.6	11.1	10.6	10.1	9.5	8.9	8.3
-72.5°	10.6	10.4	10.1	9.8	9.4	9.0	8.6	8.2	7.6	7.1	6.6
-75°	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.4	6.0	5.6	5.2
-77.5°	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.7	4.5	4.2	3.9
-80°	4.2	4.1	3.9	3.9	3.9	3.8	3.8	3.5	3.3	3.0	2.8
-82.5°	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.4	2.3	2.1	2.0
-85°	1.6	1.6	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	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



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

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°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
85°	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.4
82.5°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6
80°	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9
77.5°	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.0	1.8	1.5	1.3
75°	4.9	4.5	4.1	3.7	3.4	3.0	2.7	2.5	2.2	1.9	1.6
72.5°	6.2	5.8	5.3	4.8	4.3	3.8	3.3	2.9	2.6	2.3	2.0
70°	7.7	7.2	6.6	6.0	5.3	4.7	4.1	3.6	3.0	2.7	2.3
67.5°	9.3	8.6	7.9	7.2	6.4	5.6	4.9	4.3	3.7	3.0	2.6
65°	11.0	10.1	9.2	8.4	7.5	6.6	5.8	5.0	4.3	3.6	2.9
62.5°	12.6	11.7	10.7	9.7	8.7	7.6	6.6	5.8	4.9	4.1	3.3
60°	14.2	13.2	12.1	11.0	9.9	8.8	7.6	6.5	5.6	4.7	3.8
57.5°	16.0	14.7	13.6	12.4	11.2	9.9	8.6	7.3	6.2	5.2	4.3
55°	17.9	16.4	15.0	13.7	12.4	11.0	9.7	8.3	6.9	5.8	4.8
52.5°	19.6	18.1	16.5	15.0	13.6	12.1	10.7	9.2	7.7	6.3	5.2
50°	21.5	19.7	18.0	16.3	14.7	13.2	11.7	10.1	8.5	6.9	5.7
47.5°	23.3	21.3	19.4	17.6	15.8	14.2	12.6	11.0	9.3	7.6	6.1
45°	23.7	22.9	20.9	18.9	17.0	15.3	13.5	11.8	10.0	8.2	6.5
42.5°	23.7	23.5	22.2	20.1	18.2	16.3	14.4	12.6	10.7	8.8	7.0
40°	22.8	23.5	23.2	21.4	19.4	17.3	15.3	13.3	11.4	9.4	7.5
37.5°	21.8	23.1	23.3	22.7	20.5	18.4	16.2	14.1	12.1	10.0	8.0
35°	21.4	22.2	23.5	23.3	21.6	19.4	17.1	14.8	12.7	10.6	8.4
32.5°	21.0	21.5	22.8	23.4	22.7	20.3	18.0	15.5	13.3	11.1	8.8
30°	21.0	21.2	22.1	23.5	23.4	21.2	18.8	16.2	13.8	11.6	9.2
27.5°	21.1	20.8	21.5	23.1	23.5	22.1	19.5	16.8	14.3	12.1	9.6
25°	21.2	20.8	21.2	22.5	23.5	22.9	20.2	17.4	14.8	12.5	9.9
22.5°	21.5	20.8	20.9	22.0	23.6	23.7	20.8	17.9	15.3	12.9	10.3
20°	21.8	20.9	20.5	21.5	23.4	23.8	21.5	18.4	15.7	13.2	10.6
17.5°	22.1	21.0	20.6	21.3	23.1	23.9	22.0	18.9	16.0	13.5	10.9
15°	22.6	21.3	20.7	21.1	22.7	24.0	22.6	19.3	16.3	13.8	11.2
12.5°	23.0	21.5	20.7	20.9	22.4	24.1	23.1	19.6	16.5	14.0	11.4
10°	23.3	21.7	20.8	20.8	22.2	24.1	23.5	20.0	16.7	14.2	11.6
7.5°	23.5	21.8	20.8	20.7	21.9	24.2	23.9	20.3	16.9	14.3	11.7
5°	23.7	22.0	20.9	20.7	21.7	24.2	24.2	20.6	17.0	14.4	11.8
2.5°	24.0	22.2	21.1	20.8	21.6	24.2	24.5	20.8	17.1	14.5	11.9
0°	24.2	22.3	21.2	20.9	21.6	24.2	24.6	20.9	17.1	14.5	11.9
-2.5°	24.0	22.2	21.1	20.8	21.6	24.2	24.5	20.8	17.1	14.5	11.9
-5°	23.7	22.0	20.9	20.7	21.7	24.2	24.2	20.6	17.0	14.4	11.8
-7.5°	23.5	21.8	20.8	20.7	21.9	24.2	23.9	20.3	16.9	14.3	11.7
-10°	23.3	21.7	20.8	20.8	22.2	24.1	23.5	20.0	16.7	14.2	11.6
-12.5°	23.0	21.5	20.7	20.9	22.4	24.1	23.1	19.6	16.5	14.0	11.4
-15°	22.6	21.3	20.7	21.1	22.7	24.0	22.6	19.3	16.3	13.8	11.2
-17.5°	22.1	21.0	20.6	21.3	23.1	23.9	22.0	18.9	16.0	13.5	10.9
-20°	21.8	20.9	20.5	21.5	23.4	23.8	21.5	18.4	15.7	13.2	10.6



REPORT NUMBER: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	21.5	20.8	20.9	22.0	23.6	23.7	20.8	17.9	15.3	12.9	10.3
-25°	21.2	20.8	21.2	22.5	23.5	22.9	20.2	17.4	14.8	12.5	9.9
-27.5°	21.1	20.8	21.5	23.1	23.5	22.1	19.5	16.8	14.3	12.1	9.6
-30°	21.0	21.2	22.1	23.5	23.4	21.2	18.8	16.2	13.8	11.6	9.2
-32.5°	21.0	21.5	22.8	23.4	22.7	20.3	18.0	15.5	13.3	11.1	8.8
-35°	21.4	22.2	23.5	23.3	21.6	19.4	17.1	14.8	12.7	10.6	8.4
-37.5°	21.8	23.1	23.3	22.7	20.5	18.4	16.2	14.1	12.1	10.0	8.0
-40°	22.8	23.5	23.2	21.4	19.4	17.3	15.3	13.3	11.4	9.4	7.5
-42.5°	23.7	23.5	22.2	20.1	18.2	16.3	14.4	12.6	10.7	8.8	7.0
-45°	23.7	22.9	20.9	18.9	17.0	15.3	13.5	11.8	10.0	8.2	6.5
-47.5°	23.3	21.3	19.4	17.6	15.8	14.2	12.6	11.0	9.3	7.6	6.1
-50°	21.5	19.7	18.0	16.3	14.7	13.2	11.7	10.1	8.5	6.9	5.7
-52.5°	19.6	18.1	16.5	15.0	13.6	12.1	10.7	9.2	7.7	6.3	5.2
-55°	17.9	16.4	15.0	13.7	12.4	11.0	9.7	8.3	6.9	5.8	4.8
-57.5°	16.0	14.7	13.6	12.4	11.2	9.9	8.6	7.3	6.2	5.2	4.3
-60°	14.2	13.2	12.1	11.0	9.9	8.8	7.6	6.5	5.6	4.7	3.8
-62.5°	12.6	11.7	10.7	9.7	8.7	7.6	6.6	5.8	4.9	4.1	3.3
-65°	11.0	10.1	9.2	8.4	7.5	6.6	5.8	5.0	4.3	3.6	2.9
-67.5°	9.3	8.6	7.9	7.2	6.4	5.6	4.9	4.3	3.7	3.0	2.6
-70°	7.7	7.2	6.6	6.0	5.3	4.7	4.1	3.6	3.0	2.7	2.3
-72.5°	6.2	5.8	5.3	4.8	4.3	3.8	3.3	2.9	2.6	2.3	2.0
-75°	4.9	4.5	4.1	3.7	3.4	3.0	2.7	2.5	2.2	1.9	1.6
-77.5°	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.0	1.8	1.5	1.3
-80°	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9
-82.5°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6
-85°	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.4
-87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	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: P561364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MR-BK

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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
75°	1.3	1.0	0.7	0.5	0.4	0.2	0.0
72.5°	1.6	1.3	0.9	0.6	0.4	0.2	0.0
70°	1.9	1.5	1.1	0.7	0.5	0.2	0.0
67.5°	2.2	1.8	1.3	0.9	0.5	0.3	0.0
65°	2.5	2.0	1.5	1.0	0.6	0.3	0.0
62.5°	2.7	2.2	1.7	1.2	0.6	0.3	0.0
60°	3.0	2.4	1.9	1.3	0.7	0.3	0.0
57.5°	3.4	2.6	2.1	1.4	0.8	0.4	0.0
55°	3.7	2.8	2.2	1.6	0.9	0.4	0.0
52.5°	4.1	3.1	2.4	1.7	1.0	0.4	0.0
50°	4.5	3.4	2.5	1.8	1.0	0.4	0.0
47.5°	4.9	3.7	2.7	1.9	1.1	0.5	0.0
45°	5.2	3.9	2.8	2.0	1.2	0.5	0.0
42.5°	5.6	4.2	2.9	2.1	1.3	0.5	0.0
40°	5.9	4.5	3.1	2.2	1.3	0.5	0.0
37.5°	6.2	4.7	3.3	2.3	1.4	0.6	0.0
35°	6.5	5.0	3.5	2.4	1.5	0.6	0.0
32.5°	6.8	5.2	3.7	2.5	1.5	0.6	0.0
30°	7.1	5.4	3.8	2.6	1.6	0.6	0.0
27.5°	7.4	5.6	4.0	2.6	1.6	0.6	0.0
25°	7.7	5.8	4.1	2.7	1.7	0.6	0.0
22.5°	7.9	6.0	4.2	2.7	1.7	0.6	0.0
20°	8.1	6.1	4.4	2.8	1.8	0.7	0.0
17.5°	8.3	6.3	4.5	2.8	1.8	0.7	0.0
15°	8.5	6.4	4.6	2.9	1.8	0.7	0.0
12.5°	8.7	6.5	4.6	2.9	1.8	0.7	0.0
10°	8.9	6.6	4.7	2.9	1.9	0.7	0.0
7.5°	9.0	6.6	4.7	3.0	1.9	0.7	0.0
5°	9.1	6.7	4.8	3.0	1.9	0.7	0.0
2.5°	9.2	6.7	4.8	3.0	1.9	0.7	0.0
0°	9.3	6.7	4.8	3.0	1.9	0.7	0.0
-2.5°	9.2	6.7	4.8	3.0	1.9	0.7	0.0
-5°	9.1	6.7	4.8	3.0	1.9	0.7	0.0
-7.5°	9.0	6.6	4.7	3.0	1.9	0.7	0.0
-10°	8.9	6.6	4.7	2.9	1.9	0.7	0.0
-12.5°	8.7	6.5	4.6	2.9	1.8	0.7	0.0
-15°	8.5	6.4	4.6	2.9	1.8	0.7	0.0
-17.5°	8.3	6.3	4.5	2.8	1.8	0.7	0.0
-20°	8.1	6.1	4.4	2.8	1.8	0.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.9	6.0	4.2	2.7	1.7	0.6	0.0
-25°	7.7	5.8	4.1	2.7	1.7	0.6	0.0
-27.5°	7.4	5.6	4.0	2.6	1.6	0.6	0.0
-30°	7.1	5.4	3.8	2.6	1.6	0.6	0.0
-32.5°	6.8	5.2	3.7	2.5	1.5	0.6	0.0
-35°	6.5	5.0	3.5	2.4	1.5	0.6	0.0
-37.5°	6.2	4.7	3.3	2.3	1.4	0.6	0.0
-40°	5.9	4.5	3.1	2.2	1.3	0.5	0.0
-42.5°	5.6	4.2	2.9	2.1	1.3	0.5	0.0
-45°	5.2	3.9	2.8	2.0	1.2	0.5	0.0
-47.5°	4.9	3.7	2.7	1.9	1.1	0.5	0.0
-50°	4.5	3.4	2.5	1.8	1.0	0.4	0.0
-52.5°	4.1	3.1	2.4	1.7	1.0	0.4	0.0
-55°	3.7	2.8	2.2	1.6	0.9	0.4	0.0
-57.5°	3.4	2.6	2.1	1.4	0.8	0.4	0.0
-60°	3.0	2.4	1.9	1.3	0.7	0.3	0.0
-62.5°	2.7	2.2	1.7	1.2	0.6	0.3	0.0
-65°	2.5	2.0	1.5	1.0	0.6	0.3	0.0
-67.5°	2.2	1.8	1.3	0.9	0.5	0.3	0.0
-70°	1.9	1.5	1.1	0.7	0.5	0.2	0.0
-72.5°	1.6	1.3	0.9	0.6	0.4	0.2	0.0
-75°	1.3	1.0	0.7	0.5	0.4	0.2	0.0
-77.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)