

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: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-2)
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-TS-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

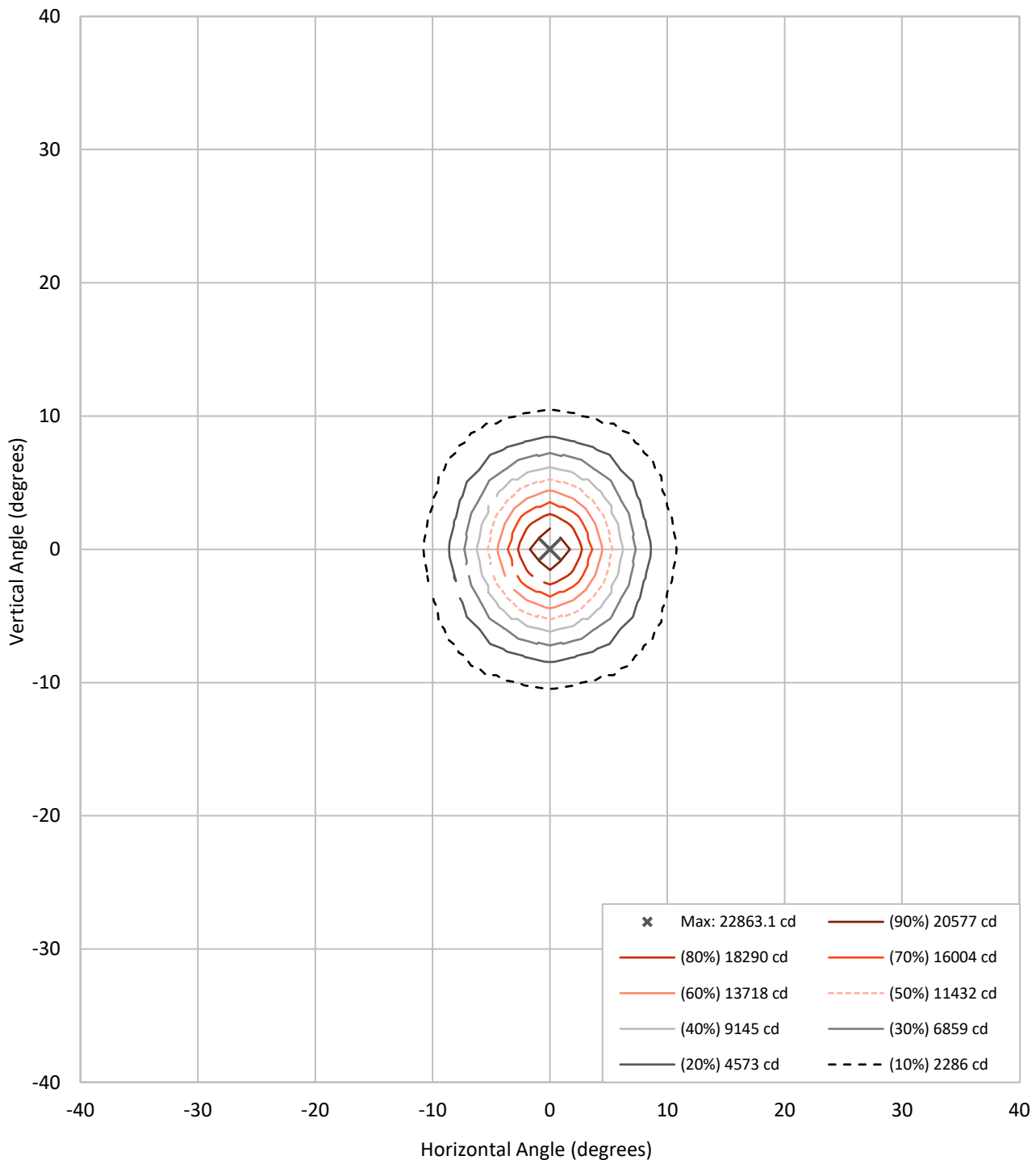
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	1232.4 lumens	Max Intensity:	22863.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	10.5°H x 10.4°V	Field Angle (10%):	21.6°H x 21°V
Beam Lumens:	370.4 lumens	Field Lumens:	856.3 lumens
Beam Efficiency:	30.1%	Field Efficiency:	69.5%

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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CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

Iso-Candela Plot





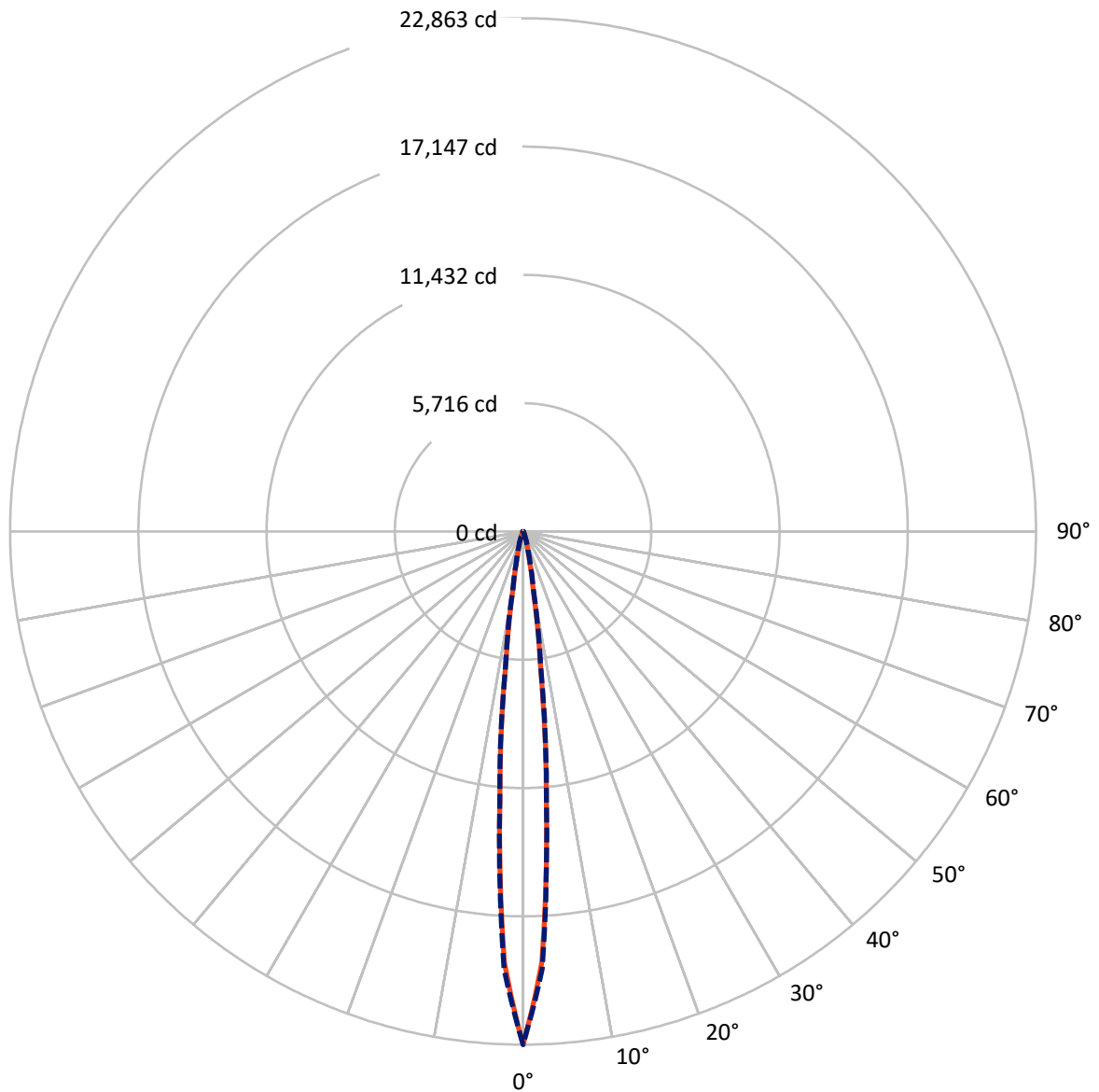
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Lumen Table

90	0.0	0.1	0.4	0.7	0.7	0.7	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.7	0.7	0.7	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.2	0.1				
50	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1			
40		0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.5	0.3	0.2				
30	0.2	0.2	0.4	0.5	0.7	1.1	1.9	3.3	3.3	1.9	1.1	0.7	0.5	0.4	0.2	0.2			
20		0.2	0.4	0.5	0.9	1.8	8.7	24.4	24.4	8.7	1.8	0.9	0.5	0.4	0.2				
10	0.2	0.2	0.4	0.5	1.0	3.2	25.3	217.0	217.0	25.3	3.2	1.0	0.5	0.4	0.2	0.2			
0		0.2	0.4	0.5	1.0	3.2	25.3	217.0	217.0	25.3	3.2	1.0	0.5	0.4	0.2				
-10	0.2	0.2	0.4	0.5	0.9	1.8	8.7	24.4	24.4	8.7	1.8	0.9	0.5	0.4	0.2	0.2			
-20		0.2	0.4	0.5	0.7	1.1	1.9	3.3	3.3	1.9	1.1	0.7	0.5	0.4	0.2				
-30	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.5	0.3	0.2	0.1			
-40		0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2				
-50	0.1	0.1	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.2	0.1	0.1			
-60		0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1				
-70	0.0	0.1	0.4	0.7	0.7	0.7	0.4	0.1	0.0							0.0			
-80		0.1	0.4	0.7	0.7	0.7	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.7	0.7	0.7	0.4	0.1	0.0							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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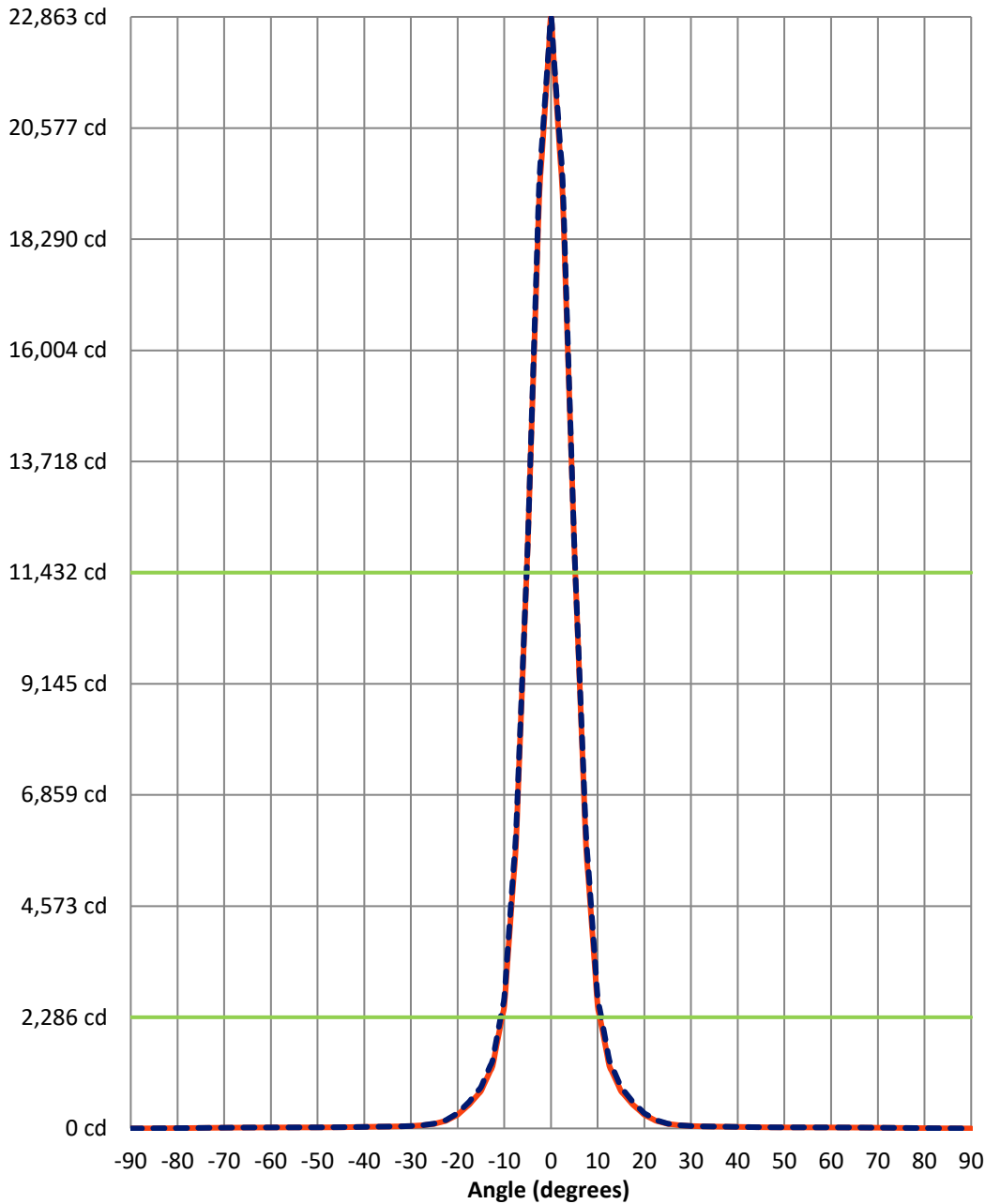
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 10.5°
V Angle: 10.4°
Lumens: 370.4
Efficiency: 30.1%

Field:
H Angle: 21.6°
V Angle: 21°
Lumens: 856.3
Efficiency: 69.5%

Spill:
Lumens: 376.1
Efficiency: 30.5%

— 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	1.1
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.2	1.5	1.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.1	2.3
75°	0.0	0.2	0.4	0.5	0.7	1.1	1.5	1.9	2.2	2.6	3.0
72.5°	0.0	0.2	0.4	0.6	1.0	1.4	1.9	2.3	2.7	3.2	3.6
70°	0.0	0.2	0.5	0.7	1.2	1.7	2.2	2.7	3.2	3.7	4.3
67.5°	0.0	0.3	0.5	0.9	1.5	2.1	2.6	3.2	3.7	4.4	5.1
65°	0.0	0.3	0.6	1.1	1.7	2.3	3.0	3.6	4.3	5.1	5.9
62.5°	0.0	0.3	0.6	1.3	2.0	2.6	3.3	4.1	4.9	5.8	6.9
60°	0.0	0.3	0.7	1.4	2.2	2.9	3.7	4.6	5.5	6.7	7.9
57.5°	0.0	0.4	0.8	1.6	2.4	3.2	4.1	5.1	6.2	7.5	8.7
55°	0.0	0.4	0.9	1.8	2.6	3.5	4.5	5.5	7.0	8.4	9.5
52.5°	0.0	0.4	1.0	1.9	2.8	3.8	4.9	6.2	7.7	9.1	10.3
50°	0.0	0.4	1.1	2.1	3.0	4.1	5.3	6.8	8.4	9.7	11.2
47.5°	0.0	0.5	1.2	2.2	3.2	4.4	5.7	7.3	9.0	10.4	12.1
45°	0.0	0.5	1.3	2.4	3.4	4.7	6.1	7.9	9.5	11.1	12.9
42.5°	0.0	0.5	1.4	2.5	3.6	5.0	6.6	8.4	10.0	11.8	13.6
40°	0.0	0.5	1.5	2.6	3.8	5.3	7.0	8.8	10.6	12.5	14.2
37.5°	0.0	0.6	1.6	2.8	4.0	5.5	7.4	9.3	11.2	13.1	14.9
35°	0.0	0.6	1.7	2.9	4.2	5.8	7.7	9.7	11.7	13.7	15.5
32.5°	0.0	0.6	1.7	3.0	4.4	6.1	8.0	10.1	12.2	14.1	15.8
30°	0.0	0.6	1.8	3.1	4.6	6.3	8.4	10.5	12.6	14.6	16.2
27.5°	0.0	0.6	1.9	3.2	4.7	6.6	8.7	10.9	13.0	15.0	16.5
25°	0.0	0.6	1.9	3.3	4.9	6.8	8.9	11.2	13.3	15.3	16.8
22.5°	0.0	0.6	2.0	3.4	5.0	7.0	9.2	11.5	13.6	15.6	17.1
20°	0.0	0.7	2.0	3.4	5.1	7.2	9.4	11.7	13.9	15.8	17.3
17.5°	0.0	0.7	2.1	3.5	5.2	7.4	9.7	11.9	14.1	16.0	17.6
15°	0.0	0.7	2.1	3.5	5.3	7.5	9.9	12.1	14.3	16.2	17.8
12.5°	0.0	0.7	2.1	3.6	5.4	7.7	10.0	12.4	14.5	16.4	17.9
10°	0.0	0.7	2.2	3.6	5.5	7.8	10.2	12.5	14.6	16.5	18.1
7.5°	0.0	0.7	2.2	3.7	5.5	8.0	10.3	12.7	14.8	16.6	18.2
5°	0.0	0.7	2.2	3.7	5.6	8.1	10.3	12.8	14.8	16.7	18.2
2.5°	0.0	0.7	2.2	3.7	5.6	8.1	10.4	12.9	14.9	16.8	18.3
0°	0.0	0.7	2.2	3.7	5.6	8.2	10.4	13.0	14.9	16.8	18.3
-2.5°	0.0	0.7	2.2	3.7	5.6	8.1	10.4	12.9	14.9	16.8	18.3
-5°	0.0	0.7	2.2	3.7	5.6	8.1	10.3	12.8	14.8	16.7	18.2
-7.5°	0.0	0.7	2.2	3.7	5.5	8.0	10.3	12.7	14.8	16.6	18.2
-10°	0.0	0.7	2.2	3.6	5.5	7.8	10.2	12.5	14.6	16.5	18.1
-12.5°	0.0	0.7	2.1	3.6	5.4	7.7	10.0	12.4	14.5	16.4	17.9
-15°	0.0	0.7	2.1	3.5	5.3	7.5	9.9	12.1	14.3	16.2	17.8
-17.5°	0.0	0.7	2.1	3.5	5.2	7.4	9.7	11.9	14.1	16.0	17.6
-20°	0.0	0.7	2.0	3.4	5.1	7.2	9.4	11.7	13.9	15.8	17.3



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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	2.0	3.4	5.0	7.0	9.2	11.5	13.6	15.6	17.1
-25°	0.0	0.6	1.9	3.3	4.9	6.8	8.9	11.2	13.3	15.3	16.8
-27.5°	0.0	0.6	1.9	3.2	4.7	6.6	8.7	10.9	13.0	15.0	16.5
-30°	0.0	0.6	1.8	3.1	4.6	6.3	8.4	10.5	12.6	14.6	16.2
-32.5°	0.0	0.6	1.7	3.0	4.4	6.1	8.0	10.1	12.2	14.1	15.8
-35°	0.0	0.6	1.7	2.9	4.2	5.8	7.7	9.7	11.7	13.7	15.5
-37.5°	0.0	0.6	1.6	2.8	4.0	5.5	7.4	9.3	11.2	13.1	14.9
-40°	0.0	0.5	1.5	2.6	3.8	5.3	7.0	8.8	10.6	12.5	14.2
-42.5°	0.0	0.5	1.4	2.5	3.6	5.0	6.6	8.4	10.0	11.8	13.6
-45°	0.0	0.5	1.3	2.4	3.4	4.7	6.1	7.9	9.5	11.1	12.9
-47.5°	0.0	0.5	1.2	2.2	3.2	4.4	5.7	7.3	9.0	10.4	12.1
-50°	0.0	0.4	1.1	2.1	3.0	4.1	5.3	6.8	8.4	9.7	11.2
-52.5°	0.0	0.4	1.0	1.9	2.8	3.8	4.9	6.2	7.7	9.1	10.3
-55°	0.0	0.4	0.9	1.8	2.6	3.5	4.5	5.5	7.0	8.4	9.5
-57.5°	0.0	0.4	0.8	1.6	2.4	3.2	4.1	5.1	6.2	7.5	8.7
-60°	0.0	0.3	0.7	1.4	2.2	2.9	3.7	4.6	5.5	6.7	7.9
-62.5°	0.0	0.3	0.6	1.3	2.0	2.6	3.3	4.1	4.9	5.8	6.9
-65°	0.0	0.3	0.6	1.1	1.7	2.3	3.0	3.6	4.3	5.1	5.9
-67.5°	0.0	0.3	0.5	0.9	1.5	2.1	2.6	3.2	3.7	4.4	5.1
-70°	0.0	0.2	0.5	0.7	1.2	1.7	2.2	2.7	3.2	3.7	4.3
-72.5°	0.0	0.2	0.4	0.6	1.0	1.4	1.9	2.3	2.7	3.2	3.6
-75°	0.0	0.2	0.4	0.5	0.7	1.1	1.5	1.9	2.2	2.6	3.0
-77.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.1	2.3
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.2	1.5	1.7
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.1
-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-TS-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	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.3	2.4	2.6
80°	1.9	2.1	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.1
77.5°	2.6	2.9	3.1	3.4	3.8	4.2	4.5	4.9	5.2	5.6	5.9
75°	3.3	3.7	4.1	4.6	5.1	5.6	6.1	6.5	6.9	7.3	7.6
72.5°	4.1	4.6	5.2	5.9	6.5	7.0	7.5	8.0	8.5	9.0	9.5
70°	4.9	5.6	6.4	7.1	7.8	8.4	9.0	9.6	10.1	10.7	11.2
67.5°	5.8	6.7	7.6	8.4	9.2	9.9	10.6	11.1	11.7	12.3	12.8
65°	6.9	7.9	8.8	9.7	10.7	11.4	12.0	12.7	13.2	13.7	14.4
62.5°	8.0	9.0	10.0	11.0	12.0	12.7	13.4	13.9	14.5	15.1	15.7
60°	8.9	10.0	11.1	12.2	13.2	13.9	14.6	15.2	15.8	16.4	16.8
57.5°	9.8	11.0	12.3	13.3	14.2	15.0	15.6	16.3	16.8	17.2	17.6
55°	10.8	12.1	13.3	14.3	15.2	15.9	16.6	17.2	17.6	18.0	18.5
52.5°	11.8	13.2	14.2	15.2	16.1	16.8	17.4	18.0	18.4	18.8	19.3
50°	12.8	14.0	15.1	16.1	16.9	17.6	18.2	18.7	19.2	19.6	20.0
47.5°	13.6	14.8	15.9	16.9	17.5	18.3	18.9	19.4	19.9	20.2	20.5
45°	14.3	15.5	16.7	17.4	18.2	18.9	19.5	20.1	20.3	20.6	20.8
42.5°	15.0	16.2	17.2	17.9	18.8	19.5	20.1	20.3	20.6	20.9	21.1
40°	15.6	16.8	17.7	18.6	19.4	19.9	20.4	20.7	21.0	21.3	21.4
37.5°	16.2	17.3	18.2	19.2	19.8	20.3	20.7	21.1	21.4	21.6	21.8
35°	16.6	17.7	18.7	19.5	20.1	20.6	21.1	21.5	21.7	21.8	22.2
32.5°	17.0	18.2	19.1	19.8	20.4	21.0	21.5	21.7	21.9	22.2	22.9
30°	17.4	18.6	19.5	20.0	20.7	21.3	21.7	22.0	22.2	22.8	23.8
27.5°	17.8	18.9	19.7	20.3	21.0	21.5	21.9	22.2	22.6	23.3	24.8
25°	18.1	19.2	19.9	20.5	21.2	21.7	22.0	22.4	22.9	24.2	26.2
22.5°	18.4	19.4	20.0	20.7	21.4	21.8	22.2	22.6	23.4	25.0	27.6
20°	18.6	19.5	20.2	20.9	21.6	21.9	22.3	22.9	24.0	26.2	29.2
17.5°	18.8	19.7	20.4	21.1	21.6	22.0	22.4	23.1	24.5	27.3	30.9
15°	19.0	19.8	20.5	21.1	21.6	22.1	22.6	23.4	25.2	28.4	32.4
12.5°	19.1	19.9	20.6	21.2	21.6	22.1	22.7	23.7	26.0	29.6	34.0
10°	19.2	20.0	20.7	21.2	21.6	22.2	22.7	24.0	26.6	30.3	34.9
7.5°	19.3	20.0	20.8	21.2	21.6	22.3	22.7	24.2	27.1	30.8	35.4
5°	19.4	20.1	20.7	21.2	21.6	22.3	22.7	24.4	27.3	31.0	35.5
2.5°	19.4	20.1	20.6	21.2	21.6	22.2	22.9	24.6	27.5	31.2	35.7
0°	19.4	20.1	20.5	21.2	21.6	22.0	23.1	24.6	27.6	31.3	35.8
-2.5°	19.4	20.1	20.6	21.2	21.6	22.2	22.9	24.6	27.5	31.2	35.7
-5°	19.4	20.1	20.7	21.2	21.6	22.3	22.7	24.4	27.3	31.0	35.5
-7.5°	19.3	20.0	20.8	21.2	21.6	22.3	22.7	24.2	27.1	30.8	35.4
-10°	19.2	20.0	20.7	21.2	21.6	22.2	22.7	24.0	26.6	30.3	34.9
-12.5°	19.1	19.9	20.6	21.2	21.6	22.1	22.7	23.7	26.0	29.6	34.0
-15°	19.0	19.8	20.5	21.1	21.6	22.1	22.6	23.4	25.2	28.4	32.4
-17.5°	18.8	19.7	20.4	21.1	21.6	22.0	22.4	23.1	24.5	27.3	30.9
-20°	18.6	19.5	20.2	20.9	21.6	21.9	22.3	22.9	24.0	26.2	29.2



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	18.4	19.4	20.0	20.7	21.4	21.8	22.2	22.6	23.4	25.0	27.6
-25°	18.1	19.2	19.9	20.5	21.2	21.7	22.0	22.4	22.9	24.2	26.2
-27.5°	17.8	18.9	19.7	20.3	21.0	21.5	21.9	22.2	22.6	23.3	24.8
-30°	17.4	18.6	19.5	20.0	20.7	21.3	21.7	22.0	22.2	22.8	23.8
-32.5°	17.0	18.2	19.1	19.8	20.4	21.0	21.5	21.7	21.9	22.2	22.9
-35°	16.6	17.7	18.7	19.5	20.1	20.6	21.1	21.5	21.7	21.8	22.2
-37.5°	16.2	17.3	18.2	19.2	19.8	20.3	20.7	21.1	21.4	21.6	21.8
-40°	15.6	16.8	17.7	18.6	19.4	19.9	20.4	20.7	21.0	21.3	21.4
-42.5°	15.0	16.2	17.2	17.9	18.8	19.5	20.1	20.3	20.6	20.9	21.1
-45°	14.3	15.5	16.7	17.4	18.2	18.9	19.5	20.1	20.3	20.6	20.8
-47.5°	13.6	14.8	15.9	16.9	17.5	18.3	18.9	19.4	19.9	20.2	20.5
-50°	12.8	14.0	15.1	16.1	16.9	17.6	18.2	18.7	19.2	19.6	20.0
-52.5°	11.8	13.2	14.2	15.2	16.1	16.8	17.4	18.0	18.4	18.8	19.3
-55°	10.8	12.1	13.3	14.3	15.2	15.9	16.6	17.2	17.6	18.0	18.5
-57.5°	9.8	11.0	12.3	13.3	14.2	15.0	15.6	16.3	16.8	17.2	17.6
-60°	8.9	10.0	11.1	12.2	13.2	13.9	14.6	15.2	15.8	16.4	16.8
-62.5°	8.0	9.0	10.0	11.0	12.0	12.7	13.4	13.9	14.5	15.1	15.7
-65°	6.9	7.9	8.8	9.7	10.7	11.4	12.0	12.7	13.2	13.7	14.4
-67.5°	5.8	6.7	7.6	8.4	9.2	9.9	10.6	11.1	11.7	12.3	12.8
-70°	4.9	5.6	6.4	7.1	7.8	8.4	9.0	9.6	10.1	10.7	11.2
-72.5°	4.1	4.6	5.2	5.9	6.5	7.0	7.5	8.0	8.5	9.0	9.5
-75°	3.3	3.7	4.1	4.6	5.1	5.6	6.1	6.5	6.9	7.3	7.6
-77.5°	2.6	2.9	3.1	3.4	3.8	4.2	4.5	4.9	5.2	5.6	5.9
-80°	1.9	2.1	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.1
-82.5°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.3	2.4	2.6
-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: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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	1.7	1.8	1.8	1.8	1.8	1.9
82.5°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.5
80°	4.3	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
77.5°	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6
75°	8.0	8.2	8.5	8.7	8.9	9.2	9.4	9.7	9.9	10.0	10.2
72.5°	10.0	10.4	10.7	10.9	11.2	11.4	11.7	11.9	12.1	12.3	12.4
70°	11.7	12.1	12.5	12.8	13.2	13.5	13.8	14.1	14.3	14.4	14.5
67.5°	13.4	13.9	14.3	14.8	15.1	15.3	15.5	15.7	15.9	16.0	16.2
65°	15.0	15.4	15.8	16.1	16.4	16.7	16.9	17.2	17.4	17.5	17.7
62.5°	16.2	16.6	16.9	17.3	17.6	18.0	18.2	18.4	18.6	18.7	18.7
60°	17.1	17.5	17.9	18.4	18.7	19.0	19.2	19.3	19.4	19.5	19.5
57.5°	18.1	18.6	19.1	19.3	19.5	19.7	19.9	20.0	20.2	20.2	20.2
55°	19.0	19.4	19.7	20.0	20.2	20.4	20.5	20.7	20.7	20.8	20.7
52.5°	19.8	20.0	20.3	20.6	20.8	21.0	21.2	21.2	21.1	21.1	21.0
50°	20.3	20.6	20.8	21.1	21.3	21.4	21.5	21.5	21.5	21.5	21.4
47.5°	20.7	21.0	21.2	21.5	21.6	21.8	21.9	22.0	22.0	22.1	22.1
45°	21.0	21.2	21.5	21.8	22.0	22.2	22.5	22.6	23.0	23.3	23.6
42.5°	21.2	21.5	21.9	22.2	22.5	23.0	23.7	24.4	25.0	25.9	26.6
40°	21.7	22.1	22.4	22.9	23.8	24.7	26.0	27.2	28.4	29.6	30.6
37.5°	22.2	22.6	23.4	24.4	25.9	27.5	29.1	30.8	32.4	33.9	35.4
35°	22.8	23.7	24.9	26.8	28.6	30.2	32.1	34.2	36.2	37.7	39.0
32.5°	23.9	25.2	27.2	29.2	31.1	33.2	35.4	37.2	38.6	40.1	41.5
30°	25.2	27.3	29.4	31.6	34.1	36.2	38.0	39.9	41.7	43.6	45.9
27.5°	26.9	29.2	31.6	34.4	36.6	38.6	40.8	43.4	47.1	49.9	54.4
25°	28.7	31.3	34.1	36.7	38.8	40.9	45.0	50.0	56.1	63.6	72.2
22.5°	30.7	33.7	36.4	38.8	41.2	45.6	51.6	61.0	72.6	88.8	110.0
20°	32.8	36.0	38.3	40.9	45.2	51.5	62.9	79.4	104.3	140.9	176.9
17.5°	34.8	37.6	39.9	43.2	49.6	60.7	79.5	112.7	158.6	231.7	300.5
15°	36.7	38.9	41.3	46.7	55.6	73.2	105.9	160.3	253.0	364.2	499.1
12.5°	37.9	40.1	43.0	49.8	63.6	90.0	144.2	236.3	368.1	561.2	744.7
10°	38.6	41.1	45.4	54.1	72.9	112.8	182.9	309.7	515.5	771.7	1070.7
7.5°	38.8	41.7	47.3	58.4	82.0	136.0	235.7	398.1	650.4	974.0	1462.0
5°	38.9	42.3	48.7	62.1	91.1	153.9	274.3	472.6	755.5	1162.1	1951.7
2.5°	38.8	42.6	49.6	64.9	96.8	166.6	301.2	524.2	821.2	1319.9	2447.7
0°	38.4	42.1	49.9	65.9	99.1	170.7	312.3	549.7	849.0	1400.6	2687.2
-2.5°	38.8	42.6	49.6	64.9	96.8	166.6	301.2	524.2	821.2	1319.9	2447.7
-5°	38.9	42.3	48.7	62.1	91.1	153.9	274.3	472.6	755.5	1162.1	1951.7
-7.5°	38.8	41.7	47.3	58.4	82.0	136.0	235.7	398.1	650.4	974.0	1462.0
-10°	38.6	41.1	45.4	54.1	72.9	112.8	182.9	309.7	515.5	771.7	1070.7
-12.5°	37.9	40.1	43.0	49.8	63.6	90.0	144.2	236.3	368.1	561.2	744.7
-15°	36.7	38.9	41.3	46.7	55.6	73.2	105.9	160.3	253.0	364.2	499.1
-17.5°	34.8	37.6	39.9	43.2	49.6	60.7	79.5	112.7	158.6	231.7	300.5
-20°	32.8	36.0	38.3	40.9	45.2	51.5	62.9	79.4	104.3	140.9	176.9



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	30.7	33.7	36.4	38.8	41.2	45.6	51.6	61.0	72.6	88.8	110.0
-25°	28.7	31.3	34.1	36.7	38.8	40.9	45.0	50.0	56.1	63.6	72.2
-27.5°	26.9	29.2	31.6	34.4	36.6	38.6	40.8	43.4	47.1	49.9	54.4
-30°	25.2	27.3	29.4	31.6	34.1	36.2	38.0	39.9	41.7	43.6	45.9
-32.5°	23.9	25.2	27.2	29.2	31.1	33.2	35.4	37.2	38.6	40.1	41.5
-35°	22.8	23.7	24.9	26.8	28.6	30.2	32.1	34.2	36.2	37.7	39.0
-37.5°	22.2	22.6	23.4	24.4	25.9	27.5	29.1	30.8	32.4	33.9	35.4
-40°	21.7	22.1	22.4	22.9	23.8	24.7	26.0	27.2	28.4	29.6	30.6
-42.5°	21.2	21.5	21.9	22.2	22.5	23.0	23.7	24.4	25.0	25.9	26.6
-45°	21.0	21.2	21.5	21.8	22.0	22.2	22.5	22.6	23.0	23.3	23.6
-47.5°	20.7	21.0	21.2	21.5	21.6	21.8	21.9	22.0	22.0	22.1	22.1
-50°	20.3	20.6	20.8	21.1	21.3	21.4	21.5	21.5	21.5	21.5	21.4
-52.5°	19.8	20.0	20.3	20.6	20.8	21.0	21.2	21.2	21.1	21.1	21.0
-55°	19.0	19.4	19.7	20.0	20.2	20.4	20.5	20.7	20.7	20.8	20.7
-57.5°	18.1	18.6	19.1	19.3	19.5	19.7	19.9	20.0	20.2	20.2	20.2
-60°	17.1	17.5	17.9	18.4	18.7	19.0	19.2	19.3	19.4	19.5	19.5
-62.5°	16.2	16.6	16.9	17.3	17.6	18.0	18.2	18.4	18.6	18.7	18.7
-65°	15.0	15.4	15.8	16.1	16.4	16.7	16.9	17.2	17.4	17.5	17.7
-67.5°	13.4	13.9	14.3	14.8	15.1	15.3	15.5	15.7	15.9	16.0	16.2
-70°	11.7	12.1	12.5	12.8	13.2	13.5	13.8	14.1	14.3	14.4	14.5
-72.5°	10.0	10.4	10.7	10.9	11.2	11.4	11.7	11.9	12.1	12.3	12.4
-75°	8.0	8.2	8.5	8.7	8.9	9.2	9.4	9.7	9.9	10.0	10.2
-77.5°	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6
-80°	4.3	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-82.5°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.5
-85°	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9
-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: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8
82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4
80°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
77.5°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.6	7.5	7.4	7.3
75°	10.3	10.3	10.2	10.1	10.2	10.3	10.3	10.2	10.0	9.9	9.7
72.5°	12.6	12.6	12.7	12.7	12.7	12.6	12.6	12.4	12.3	12.1	11.9
70°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4	14.3	14.1
67.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.9	15.7
65°	17.8	17.8	17.7	17.5	17.7	17.8	17.8	17.7	17.5	17.4	17.2
62.5°	18.7	18.6	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.6	18.4
60°	19.5	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.4	19.3
57.5°	20.2	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.0
55°	20.6	20.5	20.5	20.5	20.5	20.5	20.6	20.7	20.8	20.7	20.7
52.5°	21.0	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.1	21.1	21.2
50°	21.3	21.2	21.2	21.2	21.2	21.2	21.3	21.4	21.5	21.5	21.5
47.5°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.1	22.1	22.0	22.0
45°	23.8	24.0	24.2	24.2	24.2	24.0	23.8	23.6	23.3	23.0	22.6
42.5°	27.2	27.6	27.9	28.0	27.9	27.6	27.2	26.6	25.9	25.0	24.4
40°	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.6	29.6	28.4	27.2
37.5°	36.1	36.0	35.7	35.8	35.7	36.0	36.1	35.4	33.9	32.4	30.8
35°	39.5	39.3	38.9	38.4	38.9	39.3	39.5	39.0	37.7	36.2	34.2
32.5°	42.3	42.6	42.7	42.5	42.7	42.6	42.3	41.5	40.1	38.6	37.2
30°	47.7	48.9	49.6	49.9	49.6	48.9	47.7	45.9	43.6	41.7	39.9
27.5°	58.4	61.7	64.1	64.9	64.1	61.7	58.4	54.4	49.9	47.1	43.4
25°	80.7	88.7	93.1	93.9	93.1	88.7	80.7	72.2	63.6	56.1	50.0
22.5°	131.4	146.2	154.7	156.9	154.7	146.2	131.4	110.0	88.8	72.6	61.0
20°	225.3	258.8	276.4	280.3	276.4	258.8	225.3	176.9	140.9	104.3	79.4
17.5°	378.2	443.6	480.6	493.3	480.6	443.6	378.2	300.5	231.7	158.6	112.7
15°	611.2	699.4	759.8	768.1	759.8	699.4	611.2	499.1	364.2	253.0	160.3
12.5°	916.2	1092.4	1235.5	1286.9	1235.5	1092.4	916.2	744.7	561.2	368.1	236.3
10°	1402.2	1879.6	2363.0	2523.2	2363.0	1879.6	1402.2	1070.7	771.7	515.5	309.7
7.5°	2315.0	3651.3	5140.1	5827.6	5140.1	3651.3	2315.0	1462.0	974.0	650.4	398.1
5°	3567.7	6849.5	10391.7	11952.6	10391.7	6849.5	3567.7	1951.7	1162.1	755.5	472.6
2.5°	5150.5	10400.7	16578.9	19201.5	16578.9	10400.7	5150.5	2447.7	1319.9	821.2	524.2
0°	6052.9	11969.4	19503.0	22863.1	19503.0	11969.4	6052.9	2687.2	1400.6	849.0	549.7
-2.5°	5150.5	10400.7	16578.9	19201.5	16578.9	10400.7	5150.5	2447.7	1319.9	821.2	524.2
-5°	3567.7	6849.5	10391.7	11952.6	10391.7	6849.5	3567.7	1951.7	1162.1	755.5	472.6
-7.5°	2315.0	3651.3	5140.1	5827.6	5140.1	3651.3	2315.0	1462.0	974.0	650.4	398.1
-10°	1402.2	1879.6	2363.0	2523.2	2363.0	1879.6	1402.2	1070.7	771.7	515.5	309.7
-12.5°	916.2	1092.4	1235.5	1286.9	1235.5	1092.4	916.2	744.7	561.2	368.1	236.3
-15°	611.2	699.4	759.8	768.1	759.8	699.4	611.2	499.1	364.2	253.0	160.3
-17.5°	378.2	443.6	480.6	493.2	480.6	443.6	378.2	300.5	231.7	158.6	112.7
-20°	225.3	258.8	276.4	280.3	276.4	258.8	225.3	176.9	140.9	104.3	79.4



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	131.4	146.2	154.7	156.9	154.7	146.2	131.4	110.0	88.8	72.6	61.0
-25°	80.7	88.7	93.1	93.9	93.1	88.7	80.7	72.2	63.6	56.1	50.0
-27.5°	58.4	61.7	64.1	64.9	64.1	61.7	58.4	54.4	49.9	47.1	43.4
-30°	47.7	48.9	49.6	49.9	49.6	48.9	47.7	45.9	43.6	41.7	39.9
-32.5°	42.3	42.6	42.7	42.5	42.7	42.6	42.3	41.5	40.1	38.6	37.2
-35°	39.5	39.3	38.9	38.4	38.9	39.3	39.5	39.0	37.7	36.2	34.2
-37.5°	36.1	36.0	35.7	35.8	35.7	36.0	36.1	35.4	33.9	32.4	30.8
-40°	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.6	29.6	28.4	27.2
-42.5°	27.2	27.6	27.9	28.0	27.9	27.6	27.2	26.6	25.9	25.0	24.4
-45°	23.8	24.0	24.2	24.2	24.2	24.0	23.8	23.6	23.3	23.0	22.6
-47.5°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.1	22.1	22.0	22.0
-50°	21.3	21.2	21.2	21.2	21.2	21.2	21.3	21.4	21.5	21.5	21.5
-52.5°	21.0	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.1	21.1	21.2
-55°	20.6	20.5	20.5	20.5	20.5	20.5	20.6	20.7	20.8	20.7	20.7
-57.5°	20.2	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.0
-60°	19.5	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.4	19.3
-62.5°	18.7	18.6	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.6	18.4
-65°	17.8	17.8	17.7	17.5	17.7	17.8	17.8	17.7	17.5	17.4	17.2
-67.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.9	15.7
-70°	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4	14.3	14.1
-72.5°	12.6	12.6	12.7	12.7	12.7	12.6	12.6	12.4	12.3	12.1	11.9
-75°	10.3	10.3	10.2	10.1	10.2	10.3	10.3	10.2	10.0	9.9	9.7
-77.5°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.6	7.5	7.4	7.3
-80°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
-82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8
-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: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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°	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2
82.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1
80°	5.1	5.0	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6	3.4
77.5°	7.1	7.0	6.8	6.7	6.5	6.4	6.2	5.9	5.6	5.2	4.9
75°	9.4	9.2	8.9	8.7	8.5	8.2	8.0	7.6	7.3	6.9	6.5
72.5°	11.7	11.4	11.2	10.9	10.7	10.4	10.0	9.5	9.0	8.5	8.0
70°	13.8	13.5	13.2	12.8	12.5	12.1	11.7	11.2	10.7	10.1	9.6
67.5°	15.5	15.3	15.1	14.8	14.3	13.9	13.4	12.8	12.3	11.7	11.1
65°	16.9	16.7	16.4	16.1	15.8	15.4	15.0	14.4	13.7	13.2	12.7
62.5°	18.2	18.0	17.6	17.3	16.9	16.6	16.2	15.7	15.1	14.5	13.9
60°	19.2	19.0	18.7	18.4	17.9	17.5	17.1	16.8	16.4	15.8	15.2
57.5°	19.9	19.7	19.5	19.3	19.1	18.6	18.1	17.6	17.2	16.8	16.3
55°	20.5	20.4	20.2	20.0	19.7	19.4	19.0	18.5	18.0	17.6	17.2
52.5°	21.2	21.0	20.8	20.6	20.3	20.0	19.8	19.3	18.8	18.4	18.0
50°	21.5	21.4	21.3	21.1	20.8	20.6	20.3	20.0	19.6	19.2	18.7
47.5°	21.9	21.8	21.6	21.5	21.2	21.0	20.7	20.5	20.2	19.9	19.4
45°	22.5	22.2	22.0	21.8	21.5	21.2	21.0	20.8	20.6	20.3	20.1
42.5°	23.7	23.0	22.5	22.2	21.9	21.5	21.2	21.1	20.9	20.6	20.3
40°	26.0	24.7	23.8	22.9	22.4	22.1	21.7	21.4	21.3	21.0	20.7
37.5°	29.1	27.5	25.9	24.4	23.4	22.6	22.2	21.8	21.6	21.4	21.1
35°	32.1	30.2	28.6	26.8	24.9	23.7	22.8	22.2	21.8	21.7	21.5
32.5°	35.4	33.2	31.1	29.2	27.2	25.2	23.9	22.9	22.2	21.9	21.7
30°	38.0	36.2	34.1	31.6	29.4	27.3	25.2	23.8	22.8	22.2	22.0
27.5°	40.8	38.6	36.6	34.4	31.6	29.2	26.9	24.8	23.3	22.6	22.2
25°	45.0	40.9	38.8	36.7	34.1	31.3	28.7	26.2	24.2	22.9	22.4
22.5°	51.6	45.6	41.2	38.8	36.4	33.7	30.7	27.6	25.0	23.4	22.6
20°	62.9	51.5	45.2	40.9	38.3	36.0	32.8	29.2	26.2	24.0	22.9
17.5°	79.5	60.7	49.6	43.2	39.9	37.6	34.8	30.9	27.3	24.5	23.1
15°	105.9	73.2	55.6	46.7	41.3	38.9	36.7	32.4	28.4	25.2	23.4
12.5°	144.2	90.0	63.6	49.8	43.0	40.1	37.9	34.0	29.6	26.0	23.7
10°	182.9	112.8	72.9	54.1	45.4	41.1	38.6	34.9	30.3	26.6	24.0
7.5°	235.7	136.0	82.0	58.4	47.3	41.7	38.8	35.4	30.8	27.1	24.2
5°	274.3	153.9	91.1	62.1	48.7	42.3	38.9	35.5	31.0	27.3	24.4
2.5°	301.2	166.6	96.8	64.9	49.6	42.6	38.8	35.7	31.2	27.5	24.6
0°	312.3	170.7	99.1	65.9	49.9	42.1	38.4	35.8	31.3	27.6	24.6
-2.5°	301.2	166.6	96.8	64.9	49.6	42.6	38.8	35.7	31.2	27.5	24.6
-5°	274.3	153.9	91.1	62.1	48.7	42.3	38.9	35.5	31.0	27.3	24.4
-7.5°	235.7	136.0	82.0	58.4	47.3	41.7	38.8	35.4	30.8	27.1	24.2
-10°	182.9	112.8	72.9	54.1	45.4	41.1	38.6	34.9	30.3	26.6	24.0
-12.5°	144.2	90.0	63.6	49.8	43.0	40.1	37.9	34.0	29.6	26.0	23.7
-15°	105.9	73.2	55.6	46.7	41.3	38.9	36.7	32.4	28.4	25.2	23.4
-17.5°	79.5	60.7	49.6	43.2	39.9	37.6	34.8	30.9	27.3	24.5	23.1
-20°	62.9	51.5	45.2	40.9	38.3	36.0	32.8	29.2	26.2	24.0	22.9



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	51.6	45.6	41.2	38.8	36.4	33.7	30.7	27.6	25.0	23.4	22.6
-25°	45.0	40.9	38.8	36.7	34.1	31.3	28.7	26.2	24.2	22.9	22.4
-27.5°	40.8	38.6	36.6	34.4	31.6	29.2	26.9	24.8	23.3	22.6	22.2
-30°	38.0	36.2	34.1	31.6	29.4	27.3	25.2	23.8	22.8	22.2	22.0
-32.5°	35.4	33.2	31.1	29.2	27.2	25.2	23.9	22.9	22.2	21.9	21.7
-35°	32.1	30.2	28.6	26.8	24.9	23.7	22.8	22.2	21.8	21.7	21.5
-37.5°	29.1	27.5	25.9	24.4	23.4	22.6	22.2	21.8	21.6	21.4	21.1
-40°	26.0	24.7	23.8	22.9	22.4	22.1	21.7	21.4	21.3	21.0	20.7
-42.5°	23.7	23.0	22.5	22.2	21.9	21.5	21.2	21.1	20.9	20.6	20.3
-45°	22.5	22.2	22.0	21.8	21.5	21.2	21.0	20.8	20.6	20.3	20.1
-47.5°	21.9	21.8	21.6	21.5	21.2	21.0	20.7	20.5	20.2	19.9	19.4
-50°	21.5	21.4	21.3	21.1	20.8	20.6	20.3	20.0	19.6	19.2	18.7
-52.5°	21.2	21.0	20.8	20.6	20.3	20.0	19.8	19.3	18.8	18.4	18.0
-55°	20.5	20.4	20.2	20.0	19.7	19.4	19.0	18.5	18.0	17.6	17.2
-57.5°	19.9	19.7	19.5	19.3	19.1	18.6	18.1	17.6	17.2	16.8	16.3
-60°	19.2	19.0	18.7	18.4	17.9	17.5	17.1	16.8	16.4	15.8	15.2
-62.5°	18.2	18.0	17.6	17.3	16.9	16.6	16.2	15.7	15.1	14.5	13.9
-65°	16.9	16.7	16.4	16.1	15.8	15.4	15.0	14.4	13.7	13.2	12.7
-67.5°	15.5	15.3	15.1	14.8	14.3	13.9	13.4	12.8	12.3	11.7	11.1
-70°	13.8	13.5	13.2	12.8	12.5	12.1	11.7	11.2	10.7	10.1	9.6
-72.5°	11.7	11.4	11.2	10.9	10.7	10.4	10.0	9.5	9.0	8.5	8.0
-75°	9.4	9.2	8.9	8.7	8.5	8.2	8.0	7.6	7.3	6.9	6.5
-77.5°	7.1	7.0	6.8	6.7	6.5	6.4	6.2	5.9	5.6	5.2	4.9
-80°	5.1	5.0	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6	3.4
-82.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1
-85°	1.8	1.7	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: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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	1.5	1.4	1.2	1.1	0.9	0.7	0.6
80°	3.2	2.9	2.7	2.4	2.2	2.1	1.9	1.7	1.5	1.2	1.0
77.5°	4.5	4.2	3.8	3.4	3.1	2.9	2.6	2.3	2.1	1.7	1.4
75°	6.1	5.6	5.1	4.6	4.1	3.7	3.3	3.0	2.6	2.2	1.9
72.5°	7.5	7.0	6.5	5.9	5.2	4.6	4.1	3.6	3.2	2.7	2.3
70°	9.0	8.4	7.8	7.1	6.4	5.6	4.9	4.3	3.7	3.2	2.7
67.5°	10.6	9.9	9.2	8.4	7.6	6.7	5.8	5.1	4.4	3.7	3.2
65°	12.0	11.4	10.7	9.7	8.8	7.9	6.9	5.9	5.1	4.3	3.6
62.5°	13.4	12.7	12.0	11.0	10.0	9.0	8.0	6.9	5.8	4.9	4.1
60°	14.6	13.9	13.2	12.2	11.1	10.0	8.9	7.9	6.7	5.5	4.6
57.5°	15.6	15.0	14.2	13.3	12.3	11.0	9.8	8.7	7.5	6.2	5.1
55°	16.6	15.9	15.2	14.3	13.3	12.1	10.8	9.5	8.4	7.0	5.5
52.5°	17.4	16.8	16.1	15.2	14.2	13.2	11.8	10.3	9.1	7.7	6.2
50°	18.2	17.6	16.9	16.1	15.1	14.0	12.8	11.2	9.7	8.4	6.8
47.5°	18.9	18.3	17.5	16.9	15.9	14.8	13.6	12.1	10.4	9.0	7.3
45°	19.5	18.9	18.2	17.4	16.7	15.5	14.3	12.9	11.1	9.5	7.9
42.5°	20.1	19.5	18.8	17.9	17.2	16.2	15.0	13.6	11.8	10.0	8.4
40°	20.4	19.9	19.4	18.6	17.7	16.8	15.6	14.2	12.5	10.6	8.8
37.5°	20.7	20.3	19.8	19.2	18.2	17.3	16.2	14.9	13.1	11.2	9.3
35°	21.1	20.6	20.1	19.5	18.7	17.7	16.6	15.5	13.7	11.7	9.7
32.5°	21.5	21.0	20.4	19.8	19.1	18.2	17.0	15.8	14.1	12.2	10.1
30°	21.7	21.3	20.7	20.0	19.5	18.6	17.4	16.2	14.6	12.6	10.5
27.5°	21.9	21.5	21.0	20.3	19.7	18.9	17.8	16.5	15.0	13.0	10.9
25°	22.0	21.7	21.2	20.5	19.9	19.2	18.1	16.8	15.3	13.3	11.2
22.5°	22.2	21.8	21.4	20.7	20.0	19.4	18.4	17.1	15.6	13.6	11.5
20°	22.3	21.9	21.6	20.9	20.2	19.5	18.6	17.3	15.8	13.9	11.7
17.5°	22.4	22.0	21.6	21.1	20.4	19.7	18.8	17.6	16.0	14.1	11.9
15°	22.6	22.1	21.6	21.1	20.5	19.8	19.0	17.8	16.2	14.3	12.1
12.5°	22.7	22.1	21.6	21.2	20.6	19.9	19.1	17.9	16.4	14.5	12.4
10°	22.7	22.2	21.6	21.2	20.7	20.0	19.2	18.1	16.5	14.6	12.5
7.5°	22.7	22.3	21.6	21.2	20.8	20.0	19.3	18.2	16.6	14.8	12.7
5°	22.7	22.3	21.6	21.2	20.7	20.1	19.4	18.2	16.7	14.8	12.8
2.5°	22.9	22.2	21.6	21.2	20.6	20.1	19.4	18.3	16.8	14.9	12.9
0°	23.1	22.0	21.6	21.2	20.5	20.1	19.4	18.3	16.8	14.9	13.0
-2.5°	22.9	22.2	21.6	21.2	20.6	20.1	19.4	18.3	16.8	14.9	12.9
-5°	22.7	22.3	21.6	21.2	20.7	20.1	19.4	18.2	16.7	14.8	12.8
-7.5°	22.7	22.3	21.6	21.2	20.8	20.0	19.3	18.2	16.6	14.8	12.7
-10°	22.7	22.2	21.6	21.2	20.7	20.0	19.2	18.1	16.5	14.6	12.5
-12.5°	22.7	22.1	21.6	21.2	20.6	19.9	19.1	17.9	16.4	14.5	12.4
-15°	22.6	22.1	21.6	21.1	20.5	19.8	19.0	17.8	16.2	14.3	12.1
-17.5°	22.4	22.0	21.6	21.1	20.4	19.7	18.8	17.6	16.0	14.1	11.9
-20°	22.3	21.9	21.6	20.9	20.2	19.5	18.6	17.3	15.8	13.9	11.7



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	22.2	21.8	21.4	20.7	20.0	19.4	18.4	17.1	15.6	13.6	11.5
-25°	22.0	21.7	21.2	20.5	19.9	19.2	18.1	16.8	15.3	13.3	11.2
-27.5°	21.9	21.5	21.0	20.3	19.7	18.9	17.8	16.5	15.0	13.0	10.9
-30°	21.7	21.3	20.7	20.0	19.5	18.6	17.4	16.2	14.6	12.6	10.5
-32.5°	21.5	21.0	20.4	19.8	19.1	18.2	17.0	15.8	14.1	12.2	10.1
-35°	21.1	20.6	20.1	19.5	18.7	17.7	16.6	15.5	13.7	11.7	9.7
-37.5°	20.7	20.3	19.8	19.2	18.2	17.3	16.2	14.9	13.1	11.2	9.3
-40°	20.4	19.9	19.4	18.6	17.7	16.8	15.6	14.2	12.5	10.6	8.8
-42.5°	20.1	19.5	18.8	17.9	17.2	16.2	15.0	13.6	11.8	10.0	8.4
-45°	19.5	18.9	18.2	17.4	16.7	15.5	14.3	12.9	11.1	9.5	7.9
-47.5°	18.9	18.3	17.5	16.9	15.9	14.8	13.6	12.1	10.4	9.0	7.3
-50°	18.2	17.6	16.9	16.1	15.1	14.0	12.8	11.2	9.7	8.4	6.8
-52.5°	17.4	16.8	16.1	15.2	14.2	13.2	11.8	10.3	9.1	7.7	6.2
-55°	16.6	15.9	15.2	14.3	13.3	12.1	10.8	9.5	8.4	7.0	5.5
-57.5°	15.6	15.0	14.2	13.3	12.3	11.0	9.8	8.7	7.5	6.2	5.1
-60°	14.6	13.9	13.2	12.2	11.1	10.0	8.9	7.9	6.7	5.5	4.6
-62.5°	13.4	12.7	12.0	11.0	10.0	9.0	8.0	6.9	5.8	4.9	4.1
-65°	12.0	11.4	10.7	9.7	8.8	7.9	6.9	5.9	5.1	4.3	3.6
-67.5°	10.6	9.9	9.2	8.4	7.6	6.7	5.8	5.1	4.4	3.7	3.2
-70°	9.0	8.4	7.8	7.1	6.4	5.6	4.9	4.3	3.7	3.2	2.7
-72.5°	7.5	7.0	6.5	5.9	5.2	4.6	4.1	3.6	3.2	2.7	2.3
-75°	6.1	5.6	5.1	4.6	4.1	3.7	3.3	3.0	2.6	2.2	1.9
-77.5°	4.5	4.2	3.8	3.4	3.1	2.9	2.6	2.3	2.1	1.7	1.4
-80°	3.2	2.9	2.7	2.4	2.2	2.1	1.9	1.7	1.5	1.2	1.0
-82.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	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



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 CATALOG NUMBER: GFLD-SA1B-AMB-U-TS-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°	1.1	0.8	0.6	0.5	0.3	0.2	0.0
75°	1.5	1.1	0.7	0.5	0.4	0.2	0.0
72.5°	1.9	1.4	1.0	0.6	0.4	0.2	0.0
70°	2.2	1.7	1.2	0.7	0.5	0.2	0.0
67.5°	2.6	2.1	1.5	0.9	0.5	0.3	0.0
65°	3.0	2.3	1.7	1.1	0.6	0.3	0.0
62.5°	3.3	2.6	2.0	1.3	0.6	0.3	0.0
60°	3.7	2.9	2.2	1.4	0.7	0.3	0.0
57.5°	4.1	3.2	2.4	1.6	0.8	0.4	0.0
55°	4.5	3.5	2.6	1.8	0.9	0.4	0.0
52.5°	4.9	3.8	2.8	1.9	1.0	0.4	0.0
50°	5.3	4.1	3.0	2.1	1.1	0.4	0.0
47.5°	5.7	4.4	3.2	2.2	1.2	0.5	0.0
45°	6.1	4.7	3.4	2.4	1.3	0.5	0.0
42.5°	6.6	5.0	3.6	2.5	1.4	0.5	0.0
40°	7.0	5.3	3.8	2.6	1.5	0.5	0.0
37.5°	7.4	5.5	4.0	2.8	1.6	0.6	0.0
35°	7.7	5.8	4.2	2.9	1.7	0.6	0.0
32.5°	8.0	6.1	4.4	3.0	1.7	0.6	0.0
30°	8.4	6.3	4.6	3.1	1.8	0.6	0.0
27.5°	8.7	6.6	4.7	3.2	1.9	0.6	0.0
25°	8.9	6.8	4.9	3.3	1.9	0.6	0.0
22.5°	9.2	7.0	5.0	3.4	2.0	0.6	0.0
20°	9.4	7.2	5.1	3.4	2.0	0.7	0.0
17.5°	9.7	7.4	5.2	3.5	2.1	0.7	0.0
15°	9.9	7.5	5.3	3.5	2.1	0.7	0.0
12.5°	10.0	7.7	5.4	3.6	2.1	0.7	0.0
10°	10.2	7.8	5.5	3.6	2.2	0.7	0.0
7.5°	10.3	8.0	5.5	3.7	2.2	0.7	0.0
5°	10.3	8.1	5.6	3.7	2.2	0.7	0.0
2.5°	10.4	8.1	5.6	3.7	2.2	0.7	0.0
0°	10.4	8.2	5.6	3.7	2.2	0.7	0.0
-2.5°	10.4	8.1	5.6	3.7	2.2	0.7	0.0
-5°	10.3	8.1	5.6	3.7	2.2	0.7	0.0
-7.5°	10.3	8.0	5.5	3.7	2.2	0.7	0.0
-10°	10.2	7.8	5.5	3.6	2.2	0.7	0.0
-12.5°	10.0	7.7	5.4	3.6	2.1	0.7	0.0
-15°	9.9	7.5	5.3	3.5	2.1	0.7	0.0
-17.5°	9.7	7.4	5.2	3.5	2.1	0.7	0.0
-20°	9.4	7.2	5.1	3.4	2.0	0.7	0.0



REPORT NUMBER: P561368 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.2	7.0	5.0	3.4	2.0	0.6	0.0
-25°	8.9	6.8	4.9	3.3	1.9	0.6	0.0
-27.5°	8.7	6.6	4.7	3.2	1.9	0.6	0.0
-30°	8.4	6.3	4.6	3.1	1.8	0.6	0.0
-32.5°	8.0	6.1	4.4	3.0	1.7	0.6	0.0
-35°	7.7	5.8	4.2	2.9	1.7	0.6	0.0
-37.5°	7.4	5.5	4.0	2.8	1.6	0.6	0.0
-40°	7.0	5.3	3.8	2.6	1.5	0.5	0.0
-42.5°	6.6	5.0	3.6	2.5	1.4	0.5	0.0
-45°	6.1	4.7	3.4	2.4	1.3	0.5	0.0
-47.5°	5.7	4.4	3.2	2.2	1.2	0.5	0.0
-50°	5.3	4.1	3.0	2.1	1.1	0.4	0.0
-52.5°	4.9	3.8	2.8	1.9	1.0	0.4	0.0
-55°	4.5	3.5	2.6	1.8	0.9	0.4	0.0
-57.5°	4.1	3.2	2.4	1.6	0.8	0.4	0.0
-60°	3.7	2.9	2.2	1.4	0.7	0.3	0.0
-62.5°	3.3	2.6	2.0	1.3	0.6	0.3	0.0
-65°	3.0	2.3	1.7	1.1	0.6	0.3	0.0
-67.5°	2.6	2.1	1.5	0.9	0.5	0.3	0.0
-70°	2.2	1.7	1.2	0.7	0.5	0.2	0.0
-72.5°	1.9	1.4	1.0	0.6	0.4	0.2	0.0
-75°	1.5	1.1	0.7	0.5	0.4	0.2	0.0
-77.5°	1.1	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)