

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: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-1)
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-TSB-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

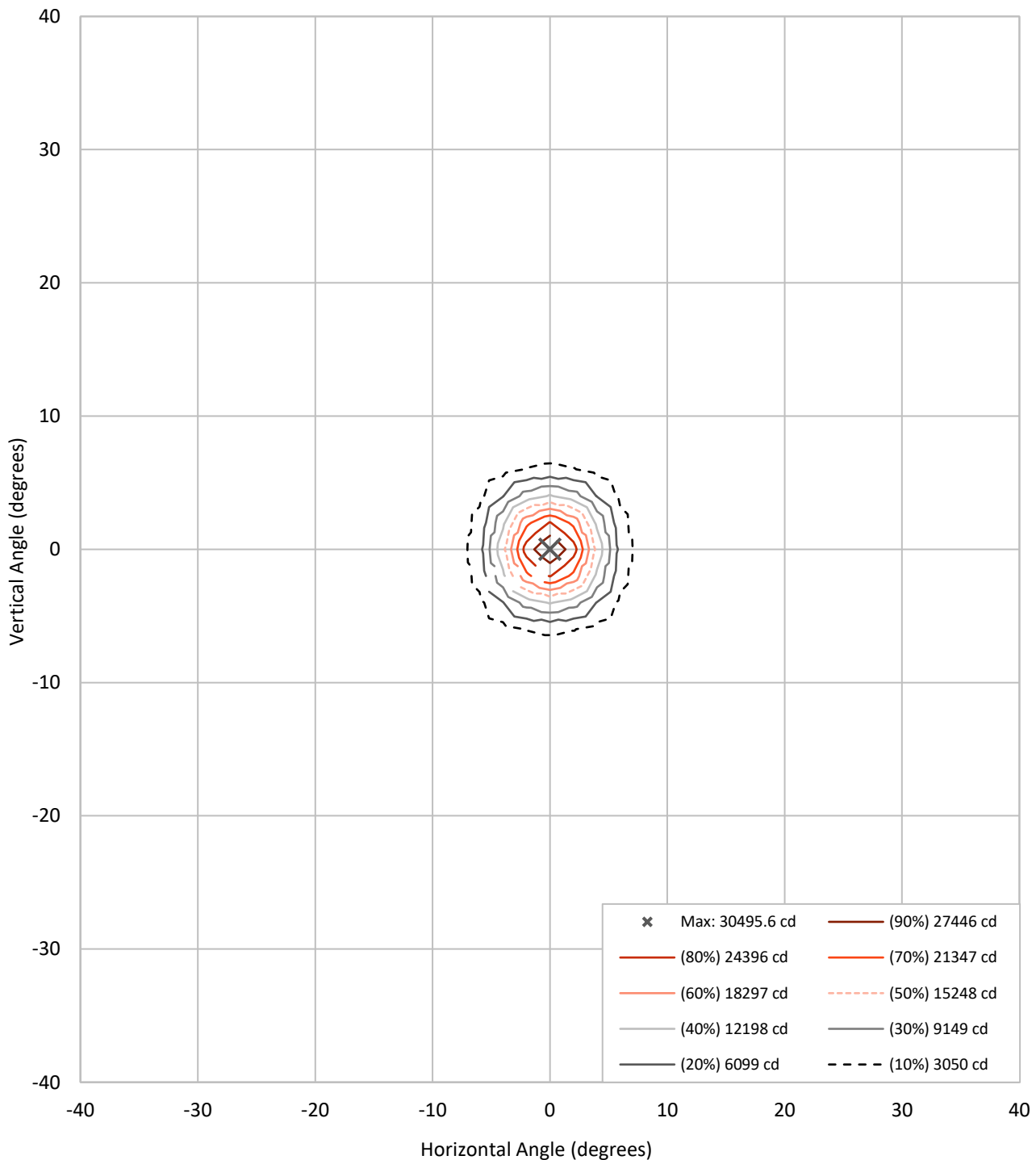
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	713.4 lumens	Max Intensity:	30495.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	30.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	7.8°H x 7.2°V	Field Angle (10%):	13.6°H x 12.7°V
Beam Lumens:	183.9 lumens	Field Lumens:	475.4 lumens
Beam Efficiency:	25.8%	Field Efficiency:	66.6%

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



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

Iso-Candela Plot





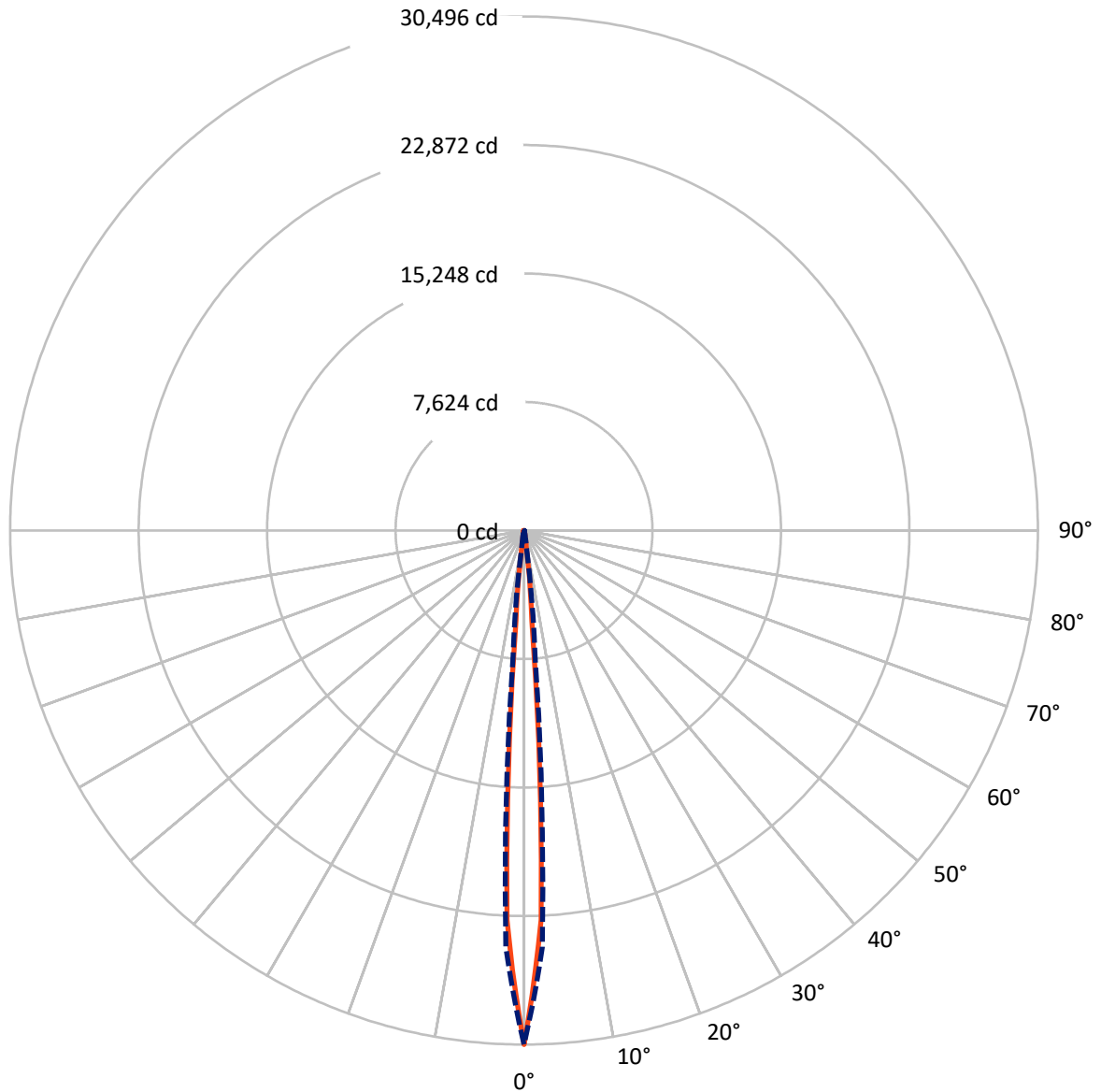
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Lumen Table

90	0.0		0.0		0.1		0.2		0.3		0.2		0.1		0.0		0.0	
80	0.0		0.0		0.1		0.2		0.3		0.2		0.1		0.0		0.0	
70	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.2	0.3	0.3	0.4	0.7	0.7	0.4	0.3	0.3	0.2	0.1	0.0			
50	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.1	0.1	0.0	0.0	0.0
40		0.1	0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.4	0.2	0.1			
30	0.1	0.1	0.2	0.5	0.8	0.9	1.2	1.7	1.7	1.2	0.9	0.8	0.5	0.2	0.1	0.1	0.1	0.1
20		0.2	0.3	0.7	0.9	1.2	2.6	4.9	4.9	2.6	1.2	0.9	0.7	0.3	0.2			
10	0.1	0.2	0.4	0.8	0.9	1.6	5.1	141.5	141.5	5.1	1.6	0.9	0.8	0.4	0.2	0.1	0.1	0.1
0		0.2	0.4	0.8	0.9	1.6	5.1	141.5	141.5	5.1	1.6	0.9	0.8	0.4	0.2			
-10	0.1	0.2	0.3	0.7	0.9	1.2	2.6	4.9	4.9	2.6	1.2	0.9	0.7	0.3	0.2	0.1	0.1	0.1
-20		0.1	0.2	0.5	0.8	0.9	1.2	1.7	1.7	1.2	0.9	0.8	0.5	0.2	0.1			
-30	0.0	0.1	0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0
-40		0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.1	0.1			
-50	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.7	0.7	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.6	0.3	0.2	0.1	0.1	0.0	0.0			
-70	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.6	0.3	0.2	0.1	0.1	0.0	0.0			
-90	0.0		0.0		0.1		0.2		0.3		0.2		0.1		0.0		0.0	

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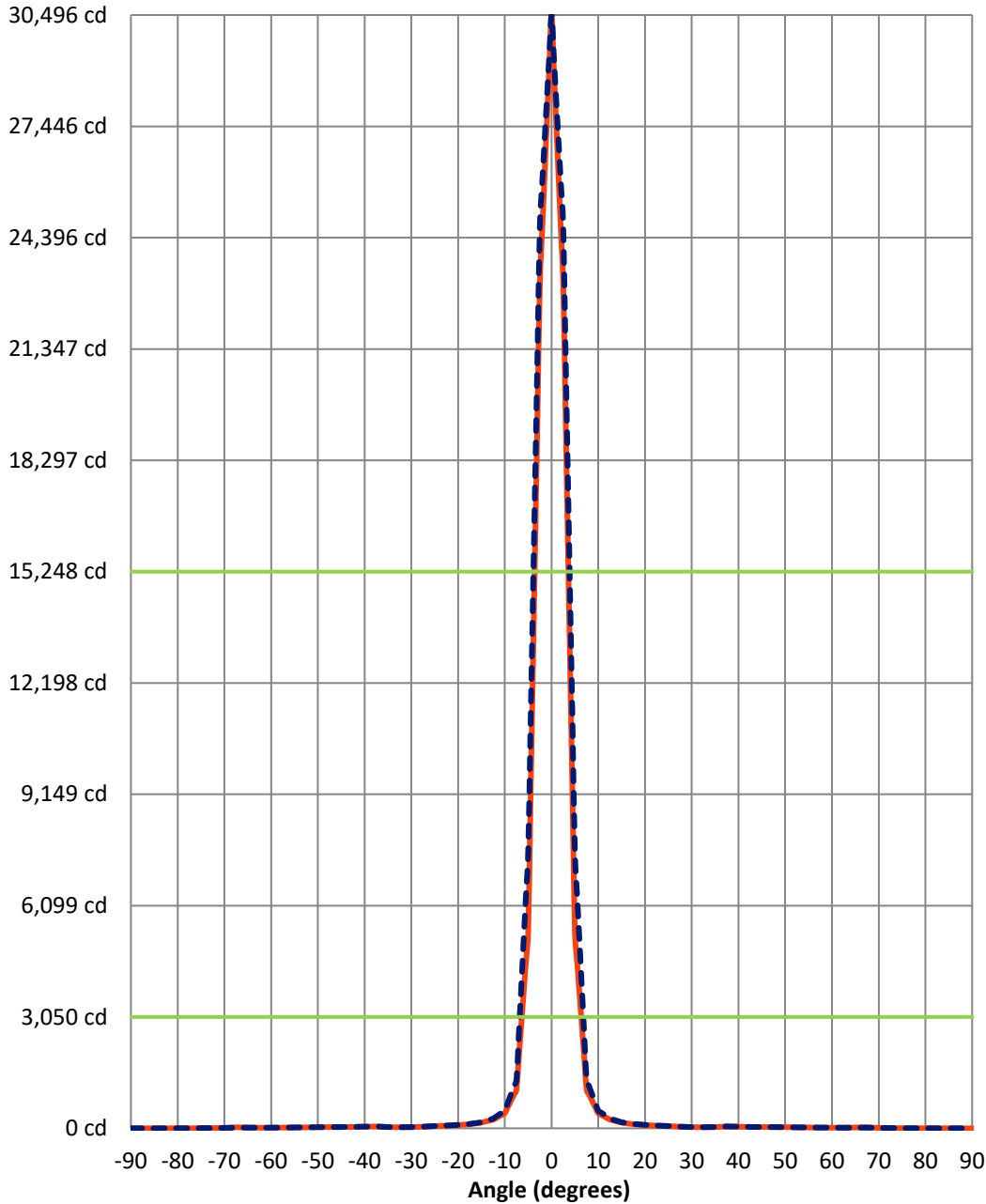
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 7.8°
V Angle: 7.2°
Lumens: 183.9
Efficiency: 25.8%

Field:
H Angle: 13.6°
V Angle: 12.7°
Lumens: 475.4
Efficiency: 66.6%

Spill:
Lumens: 238
Efficiency: 33.4%

— 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	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.7
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.9
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.6	0.8	0.9	1.2
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.6	0.8	0.9	1.2	1.4
60°	0.0	0.2	0.4	0.4	0.4	0.5	0.7	0.9	1.1	1.4	1.6
57.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.0	1.3	1.7	2.0
55°	0.0	0.2	0.4	0.4	0.5	0.7	0.9	1.1	1.6	2.0	2.3
52.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.4	1.9	2.4	2.7
50°	0.0	0.3	0.4	0.4	0.6	0.8	1.1	1.7	2.3	2.8	3.3
47.5°	0.0	0.3	0.4	0.4	0.6	0.9	1.3	2.0	2.6	3.2	3.9
45°	0.0	0.3	0.4	0.4	0.6	1.0	1.6	2.4	3.0	3.7	4.5
42.5°	0.0	0.3	0.4	0.5	0.7	1.1	1.9	2.7	3.4	4.3	5.3
40°	0.0	0.3	0.4	0.5	0.7	1.3	2.2	3.1	3.9	4.9	6.2
37.5°	0.0	0.3	0.4	0.5	0.8	1.4	2.5	3.5	4.4	5.6	7.1
35°	0.0	0.3	0.4	0.5	0.9	1.6	2.8	3.8	5.0	6.5	7.9
32.5°	0.0	0.3	0.4	0.6	1.0	1.8	3.1	4.2	5.6	7.4	8.6
30°	0.0	0.3	0.4	0.6	1.1	2.0	3.4	4.6	6.2	8.3	9.6
27.5°	0.0	0.4	0.4	0.6	1.1	2.2	3.7	5.0	6.8	9.2	10.8
25°	0.0	0.4	0.4	0.6	1.2	2.5	4.0	5.5	7.6	10.1	12.2
22.5°	0.0	0.4	0.4	0.6	1.2	2.6	4.2	6.0	8.3	11.2	13.2
20°	0.0	0.4	0.4	0.6	1.2	2.7	4.5	6.4	9.0	12.4	14.2
17.5°	0.0	0.4	0.4	0.7	1.2	2.7	4.6	6.8	9.7	13.7	15.2
15°	0.0	0.4	0.4	0.7	1.2	2.7	4.7	7.2	10.3	15.0	16.2
12.5°	0.0	0.4	0.4	0.7	1.2	2.7	4.8	7.3	10.8	16.4	17.2
10°	0.0	0.4	0.4	0.7	1.2	2.6	4.8	7.5	11.0	16.9	17.9
7.5°	0.0	0.4	0.4	0.7	1.2	2.5	4.8	7.6	11.2	17.2	17.8
5°	0.0	0.4	0.4	0.7	1.2	2.4	4.9	7.7	11.4	17.4	17.7
2.5°	0.0	0.4	0.4	0.7	1.1	2.3	4.8	7.8	11.5	17.5	17.6
0°	0.0	0.4	0.4	0.7	1.1	2.2	4.8	7.8	11.5	17.5	17.5
-2.5°	0.0	0.4	0.4	0.7	1.1	2.3	4.8	7.8	11.5	17.5	17.6
-5°	0.0	0.4	0.4	0.7	1.2	2.4	4.9	7.7	11.4	17.4	17.7
-7.5°	0.0	0.4	0.4	0.7	1.2	2.5	4.8	7.6	11.2	17.2	17.8
-10°	0.0	0.4	0.4	0.7	1.2	2.6	4.8	7.5	11.0	16.9	17.9
-12.5°	0.0	0.4	0.4	0.7	1.2	2.7	4.8	7.3	10.8	16.4	17.2
-15°	0.0	0.4	0.4	0.7	1.2	2.7	4.7	7.2	10.3	15.0	16.2
-17.5°	0.0	0.4	0.4	0.7	1.2	2.7	4.6	6.8	9.7	13.7	15.2
-20°	0.0	0.4	0.4	0.6	1.2	2.7	4.5	6.4	9.0	12.4	14.2



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.4	0.6	1.2	2.6	4.2	6.0	8.3	11.2	13.2
-25°	0.0	0.4	0.4	0.6	1.2	2.5	4.0	5.5	7.6	10.1	12.2
-27.5°	0.0	0.4	0.4	0.6	1.1	2.2	3.7	5.0	6.8	9.2	10.8
-30°	0.0	0.3	0.4	0.6	1.1	2.0	3.4	4.6	6.2	8.3	9.6
-32.5°	0.0	0.3	0.4	0.6	1.0	1.8	3.1	4.2	5.6	7.4	8.6
-35°	0.0	0.3	0.4	0.5	0.9	1.6	2.8	3.8	5.0	6.5	7.9
-37.5°	0.0	0.3	0.4	0.5	0.8	1.4	2.5	3.5	4.4	5.6	7.1
-40°	0.0	0.3	0.4	0.5	0.7	1.3	2.2	3.1	3.9	4.9	6.2
-42.5°	0.0	0.3	0.4	0.5	0.7	1.1	1.9	2.7	3.4	4.3	5.3
-45°	0.0	0.3	0.4	0.4	0.6	1.0	1.6	2.4	3.0	3.7	4.5
-47.5°	0.0	0.3	0.4	0.4	0.6	0.9	1.3	2.0	2.6	3.2	3.9
-50°	0.0	0.3	0.4	0.4	0.6	0.8	1.1	1.7	2.3	2.8	3.3
-52.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.4	1.9	2.4	2.7
-55°	0.0	0.2	0.4	0.4	0.5	0.7	0.9	1.1	1.6	2.0	2.3
-57.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.0	1.3	1.7	2.0
-60°	0.0	0.2	0.4	0.4	0.4	0.5	0.7	0.9	1.1	1.4	1.6
-62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.6	0.8	0.9	1.2	1.4
-65°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.6	0.8	0.9	1.2
-67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.9
-70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.7
-72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4
-75°	0.0	0.1	0.2	0.3	0.4	0.4	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
-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-SA1B-AMB-U-TSB-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°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2
80°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5
77.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9
75°	0.4	0.4	0.5	0.7	0.8	0.8	0.9	0.9	1.1	1.3	1.6
72.5°	0.5	0.7	0.9	1.1	1.3	1.4	1.5	1.5	1.8	2.2	2.5
70°	0.8	1.1	1.3	1.6	1.9	2.1	2.3	2.6	3.1	3.4	3.5
67.5°	1.1	1.4	1.7	2.1	2.5	2.8	3.2	3.7	4.2	4.4	4.5
65°	1.3	1.6	2.0	2.5	3.0	3.4	3.8	4.4	4.9	5.0	5.1
62.5°	1.5	1.9	2.4	2.9	3.3	3.8	4.4	4.9	5.2	5.6	6.2
60°	1.8	2.2	2.7	3.3	3.8	4.5	5.1	5.6	6.0	6.4	7.4
57.5°	2.2	2.5	3.2	3.8	4.5	5.4	6.1	6.6	7.2	8.0	8.8
55°	2.6	3.0	3.7	4.4	5.3	6.4	7.2	7.9	8.7	9.1	9.6
52.5°	3.2	3.6	4.2	5.1	6.2	7.3	8.3	9.1	9.6	10.0	10.6
50°	3.9	4.2	4.7	5.8	7.0	8.2	9.3	10.0	10.5	11.1	11.8
47.5°	4.6	5.0	5.3	6.4	7.7	8.9	10.1	10.9	11.6	12.4	13.4
45°	5.4	5.8	6.1	7.0	8.3	9.5	10.7	11.9	12.8	13.9	15.2
42.5°	6.3	6.5	6.9	7.6	8.8	10.1	11.3	12.8	14.2	15.6	17.3
40°	6.9	7.2	7.6	8.2	9.3	10.6	12.1	13.8	15.8	17.7	19.8
37.5°	7.5	7.8	8.3	8.9	9.7	11.2	12.9	14.9	17.4	20.0	22.9
35°	8.1	8.4	8.9	9.6	10.5	11.9	13.9	16.2	19.1	22.7	25.4
32.5°	8.6	8.9	9.4	10.3	11.4	12.7	14.8	17.8	21.3	25.0	26.8
30°	9.3	9.3	9.9	10.9	12.2	14.0	16.2	19.4	23.6	26.1	27.8
27.5°	10.4	9.8	10.5	11.6	13.1	15.3	18.0	21.4	25.0	27.2	28.6
25°	11.5	10.9	11.0	12.3	14.3	16.9	19.9	23.9	26.2	27.8	29.5
22.5°	12.5	11.9	12.3	13.0	15.5	18.4	22.0	25.7	27.9	28.6	30.5
20°	13.5	13.1	13.6	14.6	16.8	19.8	24.0	27.5	29.7	30.8	32.0
17.5°	14.5	14.2	15.0	16.4	18.8	21.6	25.8	29.5	31.7	32.7	34.2
15°	15.4	15.4	16.4	18.1	20.6	23.9	27.9	31.2	33.7	34.4	36.5
12.5°	16.3	16.5	17.7	19.7	22.4	26.1	29.7	32.7	34.7	36.4	38.6
10°	17.1	17.6	19.1	21.2	24.0	28.0	31.3	33.8	35.5	38.0	40.2
7.5°	17.2	18.1	20.2	22.6	25.6	29.8	32.7	34.6	36.4	39.5	41.8
5°	17.1	18.1	20.2	22.9	26.3	30.8	33.6	35.3	37.3	41.0	43.4
2.5°	17.1	18.0	20.2	23.1	26.6	30.8	33.5	35.2	37.7	43.1	46.5
0°	17.1	17.9	20.1	23.1	26.8	30.6	33.2	35.0	38.0	45.5	51.0
-2.5°	17.1	18.0	20.2	23.1	26.6	30.8	33.5	35.2	37.7	43.1	46.5
-5°	17.1	18.1	20.2	22.9	26.3	30.8	33.6	35.3	37.3	41.0	43.4
-7.5°	17.2	18.1	20.2	22.6	25.6	29.8	32.7	34.6	36.4	39.5	41.8
-10°	17.1	17.6	19.1	21.2	24.0	28.0	31.3	33.8	35.5	38.0	40.2
-12.5°	16.3	16.5	17.7	19.7	22.4	26.1	29.7	32.7	34.7	36.4	38.6
-15°	15.4	15.4	16.4	18.1	20.6	23.9	27.9	31.2	33.7	34.4	36.5
-17.5°	14.5	14.2	15.0	16.4	18.8	21.6	25.8	29.5	31.7	32.7	34.2
-20°	13.5	13.1	13.6	14.6	16.8	19.8	24.0	27.5	29.7	30.8	32.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	12.5	11.9	12.3	13.0	15.5	18.4	22.0	25.7	27.9	28.6	30.5
-25°	11.5	10.9	11.0	12.3	14.3	16.9	19.9	23.9	26.2	27.8	29.5
-27.5°	10.4	9.8	10.5	11.6	13.1	15.3	18.0	21.4	25.0	27.2	28.6
-30°	9.3	9.3	9.9	10.9	12.2	14.0	16.2	19.4	23.6	26.1	27.8
-32.5°	8.6	8.9	9.4	10.3	11.4	12.7	14.8	17.8	21.3	25.0	26.8
-35°	8.1	8.4	8.9	9.6	10.5	11.9	13.9	16.2	19.1	22.7	25.4
-37.5°	7.5	7.8	8.3	8.9	9.7	11.2	12.9	14.9	17.4	20.0	22.9
-40°	6.9	7.2	7.6	8.2	9.3	10.6	12.1	13.8	15.8	17.7	19.8
-42.5°	6.3	6.5	6.9	7.6	8.8	10.1	11.3	12.8	14.2	15.6	17.3
-45°	5.4	5.8	6.1	7.0	8.3	9.5	10.7	11.9	12.8	13.9	15.2
-47.5°	4.6	5.0	5.3	6.4	7.7	8.9	10.1	10.9	11.6	12.4	13.4
-50°	3.9	4.2	4.7	5.8	7.0	8.2	9.3	10.0	10.5	11.1	11.8
-52.5°	3.2	3.6	4.2	5.1	6.2	7.3	8.3	9.1	9.6	10.0	10.6
-55°	2.6	3.0	3.7	4.4	5.3	6.4	7.2	7.9	8.7	9.1	9.6
-57.5°	2.2	2.5	3.2	3.8	4.5	5.4	6.1	6.6	7.2	8.0	8.8
-60°	1.8	2.2	2.7	3.3	3.8	4.5	5.1	5.6	6.0	6.4	7.4
-62.5°	1.5	1.9	2.4	2.9	3.3	3.8	4.4	4.9	5.2	5.6	6.2
-65°	1.3	1.6	2.0	2.5	3.0	3.4	3.8	4.4	4.9	5.0	5.1
-67.5°	1.1	1.4	1.7	2.1	2.5	2.8	3.2	3.7	4.2	4.4	4.5
-70°	0.8	1.1	1.3	1.6	1.9	2.1	2.3	2.6	3.1	3.4	3.5
-72.5°	0.5	0.7	0.9	1.1	1.3	1.4	1.5	1.5	1.8	2.2	2.5
-75°	0.4	0.4	0.5	0.7	0.8	0.8	0.9	0.9	1.1	1.3	1.6
-77.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9
-80°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5
-82.5°	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2
-85°	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-87.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
80°	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.0	1.1
77.5°	1.1	1.2	1.2	1.2	1.1	1.3	1.5	1.8	2.0	2.1	2.3
75°	1.8	1.9	1.9	1.9	1.8	2.1	2.5	2.9	3.3	3.6	3.7
72.5°	2.7	2.8	2.7	2.7	2.7	3.1	4.0	5.0	6.0	6.5	6.7
70°	3.7	3.7	3.7	3.7	3.7	4.4	5.8	7.3	9.0	10.1	11.0
67.5°	4.5	4.7	4.7	4.7	4.8	5.4	6.8	8.1	9.2	12.0	16.8
65°	5.4	6.0	6.3	6.4	6.3	6.4	7.4	8.2	9.0	11.0	14.3
62.5°	6.9	7.7	7.8	7.8	7.7	7.6	8.3	9.0	9.5	10.6	12.7
60°	8.2	8.8	9.1	9.1	9.1	9.0	9.5	10.1	10.6	11.5	13.4
57.5°	9.3	9.9	10.4	10.5	10.5	10.4	10.8	11.5	12.2	12.9	15.1
55°	10.3	11.1	11.8	12.0	12.1	12.2	12.5	13.5	14.4	15.2	17.6
52.5°	11.4	12.4	13.2	13.7	14.1	14.5	14.8	16.2	17.5	18.7	20.9
50°	12.9	14.0	15.1	16.0	16.7	17.5	18.1	19.7	21.6	23.5	25.7
47.5°	14.6	15.9	17.4	18.8	19.9	21.4	22.5	24.2	26.0	27.8	29.6
45°	16.6	18.4	20.2	22.5	24.5	25.1	25.7	26.7	28.7	30.8	32.8
42.5°	19.2	21.6	24.1	25.7	26.7	27.3	27.7	28.1	30.5	32.5	34.2
40°	22.5	24.9	26.3	27.4	28.3	29.0	29.5	30.1	31.7	33.8	36.1
37.5°	25.3	26.7	27.9	28.9	29.8	30.4	31.3	32.1	33.4	36.4	38.5
35°	26.9	28.1	29.3	30.4	31.5	32.5	33.8	36.0	38.0	37.1	35.3
32.5°	28.1	29.4	30.7	32.8	34.5	36.2	38.5	35.3	32.2	30.8	30.6
30°	29.2	30.4	32.6	35.7	37.8	36.9	32.6	30.4	29.7	29.9	31.6
27.5°	30.0	31.6	34.3	37.9	36.1	31.4	29.9	29.2	31.4	33.4	36.8
25°	31.1	32.7	36.8	35.8	31.4	29.9	30.4	32.5	36.8	43.5	50.6
22.5°	32.3	35.6	36.7	31.3	29.9	31.0	33.6	40.2	49.7	58.8	65.2
20°	33.9	38.4	33.4	30.4	30.8	34.0	41.8	53.4	62.5	69.3	75.8
17.5°	36.8	36.2	31.8	30.4	33.4	40.9	53.8	64.2	72.5	81.5	90.1
15°	39.1	34.2	31.4	32.8	38.0	50.7	63.2	73.1	84.6	97.0	111.4
12.5°	38.4	33.1	31.6	35.1	44.4	59.4	70.5	83.4	98.5	117.3	141.3
10°	37.3	33.0	33.6	38.6	51.1	65.5	77.3	93.2	114.2	144.1	190.7
7.5°	36.5	32.5	34.7	41.7	56.4	69.9	84.6	104.1	131.1	178.8	264.7
5°	35.8	31.9	34.7	43.7	60.1	73.1	90.1	112.6	148.9	218.9	351.7
2.5°	35.6	31.3	34.3	45.4	62.5	74.7	92.9	119.0	162.5	252.7	452.3
0°	35.8	30.9	33.5	44.9	61.8	75.3	94.3	120.7	164.3	266.8	484.3
-2.5°	35.6	31.3	34.3	45.4	62.5	74.7	92.9	119.0	162.5	252.7	452.3
-5°	35.8	31.9	34.7	43.7	60.1	73.1	90.1	112.6	148.9	218.9	351.7
-7.5°	36.5	32.5	34.7	41.7	56.4	69.9	84.6	104.1	131.1	178.8	264.7
-10°	37.3	33.0	33.6	38.6	51.1	65.5	77.3	93.2	114.2	144.1	190.7
-12.5°	38.4	33.1	31.6	35.1	44.4	59.4	70.5	83.4	98.5	117.3	141.3
-15°	39.1	34.2	31.4	32.8	38.0	50.7	63.2	73.1	84.6	97.0	111.4
-17.5°	36.8	36.2	31.8	30.4	33.4	40.9	53.8	64.2	72.5	81.5	90.1
-20°	33.9	38.4	33.4	30.4	30.8	34.0	41.8	53.4	62.5	69.3	75.8



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	32.3	35.6	36.7	31.3	29.9	31.0	33.6	40.2	49.7	58.8	65.2
-25°	31.1	32.7	36.8	35.8	31.4	29.9	30.4	32.5	36.8	43.5	50.6
-27.5°	30.0	31.6	34.3	37.9	36.1	31.4	29.9	29.2	31.4	33.4	36.8
-30°	29.2	30.4	32.6	35.7	37.8	36.9	32.6	30.4	29.7	29.9	31.6
-32.5°	28.1	29.4	30.7	32.8	34.5	36.2	38.5	35.3	32.2	30.8	30.6
-35°	26.9	28.1	29.3	30.4	31.5	32.5	33.8	36.0	38.0	37.1	35.3
-37.5°	25.3	26.7	27.9	28.9	29.8	30.4	31.3	32.1	33.4	36.4	38.5
-40°	22.5	24.9	26.3	27.4	28.3	29.0	29.5	30.1	31.7	33.8	36.1
-42.5°	19.2	21.6	24.1	25.7	26.7	27.3	27.7	28.1	30.5	32.5	34.2
-45°	16.6	18.4	20.2	22.5	24.5	25.1	25.7	26.7	28.7	30.8	32.8
-47.5°	14.6	15.9	17.4	18.8	19.9	21.4	22.5	24.2	26.0	27.8	29.6
-50°	12.9	14.0	15.1	16.0	16.7	17.5	18.1	19.7	21.6	23.5	25.7
-52.5°	11.4	12.4	13.2	13.7	14.1	14.5	14.8	16.2	17.5	18.7	20.9
-55°	10.3	11.1	11.8	12.0	12.1	12.2	12.5	13.5	14.4	15.2	17.6
-57.5°	9.3	9.9	10.4	10.5	10.5	10.4	10.8	11.5	12.2	12.9	15.1
-60°	8.2	8.8	9.1	9.1	9.1	9.0	9.5	10.1	10.6	11.5	13.4
-62.5°	6.9	7.7	7.8	7.8	7.7	7.6	8.3	9.0	9.5	10.6	12.7
-65°	5.4	6.0	6.3	6.4	6.3	6.4	7.4	8.2	9.0	11.0	14.3
-67.5°	4.5	4.7	4.7	4.7	4.8	5.4	6.8	8.1	9.2	12.0	16.8
-70°	3.7	3.7	3.7	3.7	3.7	4.4	5.8	7.3	9.0	10.1	11.0
-72.5°	2.7	2.8	2.7	2.7	2.7	3.1	4.0	5.0	6.0	6.5	6.7
-75°	1.8	1.9	1.9	1.9	1.8	2.1	2.5	2.9	3.3	3.6	3.7
-77.5°	1.1	1.2	1.2	1.2	1.1	1.3	1.5	1.8	2.0	2.1	2.3
-80°	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.0	1.1
-82.5°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9
77.5°	2.4	2.6	2.4	2.2	2.4	2.6	2.4	2.3	2.1	2.0	1.8
75°	3.9	4.1	3.9	3.7	3.9	4.1	3.9	3.7	3.6	3.3	2.9
72.5°	6.9	7.0	6.9	6.7	6.9	7.0	6.9	6.7	6.5	6.0	5.0
70°	11.9	12.7	12.4	11.9	12.4	12.7	11.9	11.0	10.1	9.0	7.3
67.5°	22.3	28.0	28.7	28.3	28.7	28.0	22.3	16.8	12.0	9.2	8.1
65°	17.4	20.3	21.4	22.4	21.4	20.3	17.4	14.3	11.0	9.0	8.2
62.5°	14.5	16.2	16.5	16.4	16.5	16.2	14.5	12.7	10.6	9.5	9.0
60°	15.4	17.3	17.4	16.8	17.4	17.3	15.4	13.4	11.5	10.6	10.1
57.5°	17.2	19.4	19.8	19.4	19.8	19.4	17.2	15.1	12.9	12.2	11.5
55°	19.9	22.2	22.9	22.7	22.9	22.2	19.9	17.6	15.2	14.4	13.5
52.5°	23.3	25.5	26.1	25.7	26.1	25.5	23.3	20.9	18.7	17.5	16.2
50°	28.0	29.9	30.7	30.6	30.7	29.9	28.0	25.7	23.5	21.6	19.7
47.5°	31.1	32.5	33.2	33.2	33.2	32.5	31.1	29.6	27.8	26.0	24.2
45°	33.8	34.6	34.8	34.6	34.8	34.6	33.8	32.8	30.8	28.7	26.7
42.5°	35.2	36.4	37.1	36.9	37.1	36.4	35.2	34.2	32.5	30.5	28.1
40°	37.9	39.4	41.1	43.2	41.1	39.4	37.9	36.1	33.8	31.7	30.1
37.5°	40.4	42.4	44.9	49.9	44.9	42.4	40.4	38.5	36.4	33.4	32.1
35°	34.1	33.3	32.8	32.4	32.8	33.3	34.1	35.3	37.1	38.0	36.0
32.5°	30.5	29.9	29.2	29.1	29.2	29.9	30.5	30.6	30.8	32.2	35.3
30°	33.1	32.7	31.9	31.7	31.9	32.7	33.1	31.6	29.9	29.7	30.4
27.5°	40.2	41.9	43.4	43.2	43.4	41.9	40.2	36.8	33.4	31.4	29.2
25°	56.4	59.4	60.9	61.5	60.9	59.4	56.4	50.6	43.5	36.8	32.5
22.5°	68.5	70.7	72.2	72.3	72.2	70.7	68.5	65.2	58.8	49.7	40.2
20°	81.5	85.2	87.2	88.3	87.2	85.2	81.5	75.8	69.3	62.5	53.4
17.5°	99.3	106.4	110.9	112.0	110.9	106.4	99.3	90.1	81.5	72.5	64.2
15°	126.3	140.5	150.1	155.0	150.1	140.5	126.3	111.4	97.0	84.6	73.1
12.5°	173.9	207.1	231.8	236.1	231.8	207.1	173.9	141.3	117.3	98.5	83.4
10°	256.7	333.0	402.3	412.1	402.3	333.0	256.7	190.7	144.1	114.2	93.2
7.5°	407.3	644.4	941.3	1059.1	941.3	644.4	407.3	264.7	178.8	131.1	104.1
5°	680.4	1731.7	4475.6	5389.3	4475.6	1731.7	680.4	351.7	218.9	148.9	112.6
2.5°	1064.1	5731.3	18249.8	23118.1	18249.8	5731.3	1064.1	452.3	252.7	162.5	119.0
0°	1331.3	7579.3	24742.7	30495.6	24742.7	7579.3	1331.3	484.3	266.8	164.3	120.7
-2.5°	1064.1	5731.3	18249.8	23118.1	18249.8	5731.3	1064.1	452.3	252.7	162.5	119.0
-5°	680.4	1731.7	4475.6	5389.3	4475.6	1731.7	680.4	351.7	218.9	148.9	112.6
-7.5°	407.3	644.4	941.3	1059.1	941.3	644.4	407.3	264.7	178.8	131.1	104.1
-10°	256.7	333.0	402.3	412.1	402.3	333.0	256.7	190.7	144.1	114.2	93.2
-12.5°	173.9	207.1	231.8	236.1	231.8	207.1	173.9	141.3	117.3	98.5	83.4
-15°	126.3	140.5	150.1	155.0	150.1	140.5	126.3	111.4	97.0	84.6	73.1
-17.5°	99.3	106.4	110.9	112.0	110.9	106.4	99.3	90.1	81.5	72.5	64.2
-20°	81.5	85.2	87.2	88.3	87.2	85.2	81.5	75.8	69.3	62.5	53.4



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	68.5	70.7	72.2	72.3	72.2	70.7	68.5	65.2	58.8	49.7	40.2
-25°	56.4	59.4	60.9	61.5	60.9	59.4	56.4	50.6	43.5	36.8	32.5
-27.5°	40.2	41.9	43.4	43.2	43.4	41.9	40.2	36.8	33.4	31.4	29.2
-30°	33.1	32.7	31.9	31.7	31.9	32.7	33.1	31.6	29.9	29.7	30.4
-32.5°	30.5	29.9	29.2	29.1	29.2	29.9	30.5	30.6	30.8	32.2	35.3
-35°	34.1	33.3	32.8	32.4	32.8	33.3	34.1	35.3	37.1	38.0	36.0
-37.5°	40.4	42.4	44.9	49.9	44.9	42.4	40.4	38.5	36.4	33.4	32.1
-40°	37.9	39.4	41.1	43.2	41.1	39.4	37.9	36.1	33.8	31.7	30.1
-42.5°	35.2	36.4	37.1	36.9	37.1	36.4	35.2	34.2	32.5	30.5	28.1
-45°	33.8	34.6	34.8	34.6	34.8	34.6	33.8	32.8	30.8	28.7	26.7
-47.5°	31.1	32.5	33.2	33.2	33.2	32.5	31.1	29.6	27.8	26.0	24.2
-50°	28.0	29.9	30.7	30.6	30.7	29.9	28.0	25.7	23.5	21.6	19.7
-52.5°	23.3	25.5	26.1	25.7	26.1	25.5	23.3	20.9	18.7	17.5	16.2
-55°	19.9	22.2	22.9	22.7	22.9	22.2	19.9	17.6	15.2	14.4	13.5
-57.5°	17.2	19.4	19.8	19.4	19.8	19.4	17.2	15.1	12.9	12.2	11.5
-60°	15.4	17.3	17.4	16.8	17.4	17.3	15.4	13.4	11.5	10.6	10.1
-62.5°	14.5	16.2	16.5	16.4	16.5	16.2	14.5	12.7	10.6	9.5	9.0
-65°	17.4	20.3	21.4	22.4	21.4	20.3	17.4	14.3	11.0	9.0	8.2
-67.5°	22.3	28.0	28.7	28.3	28.7	28.0	22.3	16.8	12.0	9.2	8.1
-70°	11.9	12.7	12.4	11.9	12.4	12.7	11.9	11.0	10.1	9.0	7.3
-72.5°	6.9	7.0	6.9	6.7	6.9	7.0	6.9	6.7	6.5	6.0	5.0
-75°	3.9	4.1	3.9	3.7	3.9	4.1	3.9	3.7	3.6	3.3	2.9
-77.5°	2.4	2.6	2.4	2.2	2.4	2.6	2.4	2.3	2.1	2.0	1.8
-80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9
-82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
80°	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3
77.5°	1.5	1.3	1.1	1.2	1.2	1.2	1.1	0.9	0.8	0.7	0.6
75°	2.5	2.1	1.8	1.9	1.9	1.9	1.8	1.6	1.3	1.1	0.9
72.5°	4.0	3.1	2.7	2.7	2.7	2.8	2.7	2.5	2.2	1.8	1.5
70°	5.8	4.4	3.7	3.7	3.7	3.7	3.7	3.5	3.4	3.1	2.6
67.5°	6.8	5.4	4.8	4.7	4.7	4.7	4.5	4.5	4.4	4.2	3.7
65°	7.4	6.4	6.3	6.4	6.3	6.0	5.4	5.1	5.0	4.9	4.4
62.5°	8.3	7.6	7.7	7.8	7.8	7.7	6.9	6.2	5.6	5.2	4.9
60°	9.5	9.0	9.1	9.1	9.1	8.8	8.2	7.4	6.4	6.0	5.6
57.5°	10.8	10.4	10.5	10.5	10.4	9.9	9.3	8.8	8.0	7.2	6.6
55°	12.5	12.2	12.1	12.0	11.8	11.1	10.3	9.6	9.1	8.7	7.9
52.5°	14.8	14.5	14.1	13.7	13.2	12.4	11.4	10.6	10.0	9.6	9.1
50°	18.1	17.5	16.7	16.0	15.1	14.0	12.9	11.8	11.1	10.5	10.0
47.5°	22.5	21.4	19.9	18.8	17.4	15.9	14.6	13.4	12.4	11.6	10.9
45°	25.7	25.1	24.5	22.5	20.2	18.4	16.6	15.2	13.9	12.8	11.9
42.5°	27.7	27.3	26.7	25.7	24.1	21.6	19.2	17.3	15.6	14.2	12.8
40°	29.5	29.0	28.3	27.4	26.3	24.9	22.5	19.8	17.7	15.8	13.8
37.5°	31.3	30.4	29.8	28.9	27.9	26.7	25.3	22.9	20.0	17.4	14.9
35°	33.8	32.5	31.5	30.4	29.3	28.1	26.9	25.4	22.7	19.1	16.2
32.5°	38.5	36.2	34.5	32.8	30.7	29.4	28.1	26.8	25.0	21.3	17.8
30°	32.6	36.9	37.8	35.7	32.6	30.4	29.2	27.8	26.1	23.6	19.4
27.5°	29.9	31.4	36.1	37.9	34.3	31.6	30.0	28.6	27.2	25.0	21.4
25°	30.4	29.9	31.4	35.8	36.8	32.7	31.1	29.5	27.8	26.2	23.9
22.5°	33.6	31.0	29.9	31.3	36.7	35.6	32.3	30.5	28.6	27.9	25.7
20°	41.8	34.0	30.8	30.4	33.4	38.4	33.9	32.0	30.8	29.7	27.5
17.5°	53.8	40.9	33.4	30.4	31.8	36.2	36.8	34.2	32.7	31.7	29.5
15°	63.2	50.7	38.0	32.8	31.4	34.2	39.1	36.5	34.4	33.7	31.2
12.5°	70.5	59.4	44.4	35.1	31.6	33.1	38.4	38.6	36.4	34.7	32.7
10°	77.3	65.5	51.1	38.6	33.6	33.0	37.3	40.2	38.0	35.5	33.8
7.5°	84.6	69.9	56.4	41.7	34.7	32.5	36.5	41.8	39.5	36.4	34.6
5°	90.1	73.1	60.1	43.7	34.7	31.9	35.8	43.4	41.0	37.3	35.3
2.5°	92.9	74.7	62.5	45.4	34.3	31.3	35.6	46.5	43.1	37.7	35.2
0°	94.3	75.3	61.8	44.9	33.5	30.9	35.8	51.0	45.5	38.0	35.0
-2.5°	92.9	74.7	62.5	45.4	34.3	31.3	35.6	46.5	43.1	37.7	35.2
-5°	90.1	73.1	60.1	43.7	34.7	31.9	35.8	43.4	41.0	37.3	35.3
-7.5°	84.6	69.9	56.4	41.7	34.7	32.5	36.5	41.8	39.5	36.4	34.6
-10°	77.3	65.5	51.1	38.6	33.6	33.0	37.3	40.2	38.0	35.5	33.8
-12.5°	70.5	59.4	44.4	35.1	31.6	33.1	38.4	38.6	36.4	34.7	32.7
-15°	63.2	50.7	38.0	32.8	31.4	34.2	39.1	36.5	34.4	33.7	31.2
-17.5°	53.8	40.9	33.4	30.4	31.8	36.2	36.8	34.2	32.7	31.7	29.5
-20°	41.8	34.0	30.8	30.4	33.4	38.4	33.9	32.0	30.8	29.7	27.5



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	33.6	31.0	29.9	31.3	36.7	35.6	32.3	30.5	28.6	27.9	25.7
-25°	30.4	29.9	31.4	35.8	36.8	32.7	31.1	29.5	27.8	26.2	23.9
-27.5°	29.9	31.4	36.1	37.9	34.3	31.6	30.0	28.6	27.2	25.0	21.4
-30°	32.6	36.9	37.8	35.7	32.6	30.4	29.2	27.8	26.1	23.6	19.4
-32.5°	38.5	36.2	34.5	32.8	30.7	29.4	28.1	26.8	25.0	21.3	17.8
-35°	33.8	32.5	31.5	30.4	29.3	28.1	26.9	25.4	22.7	19.1	16.2
-37.5°	31.3	30.4	29.8	28.9	27.9	26.7	25.3	22.9	20.0	17.4	14.9
-40°	29.5	29.0	28.3	27.4	26.3	24.9	22.5	19.8	17.7	15.8	13.8
-42.5°	27.7	27.3	26.7	25.7	24.1	21.6	19.2	17.3	15.6	14.2	12.8
-45°	25.7	25.1	24.5	22.5	20.2	18.4	16.6	15.2	13.9	12.8	11.9
-47.5°	22.5	21.4	19.9	18.8	17.4	15.9	14.6	13.4	12.4	11.6	10.9
-50°	18.1	17.5	16.7	16.0	15.1	14.0	12.9	11.8	11.1	10.5	10.0
-52.5°	14.8	14.5	14.1	13.7	13.2	12.4	11.4	10.6	10.0	9.6	9.1
-55°	12.5	12.2	12.1	12.0	11.8	11.1	10.3	9.6	9.1	8.7	7.9
-57.5°	10.8	10.4	10.5	10.5	10.4	9.9	9.3	8.8	8.0	7.2	6.6
-60°	9.5	9.0	9.1	9.1	9.1	8.8	8.2	7.4	6.4	6.0	5.6
-62.5°	8.3	7.6	7.7	7.8	7.8	7.7	6.9	6.2	5.6	5.2	4.9
-65°	7.4	6.4	6.3	6.4	6.3	6.0	5.4	5.1	5.0	4.9	4.4
-67.5°	6.8	5.4	4.8	4.7	4.7	4.7	4.5	4.5	4.4	4.2	3.7
-70°	5.8	4.4	3.7	3.7	3.7	3.7	3.7	3.5	3.4	3.1	2.6
-72.5°	4.0	3.1	2.7	2.7	2.7	2.8	2.7	2.5	2.2	1.8	1.5
-75°	2.5	2.1	1.8	1.9	1.9	1.9	1.8	1.6	1.3	1.1	0.9
-77.5°	1.5	1.3	1.1	1.2	1.2	1.2	1.1	0.9	0.8	0.7	0.6
-80°	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3
-82.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
-85°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-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°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1
85°	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2
82.5°	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.9	0.8	0.8	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	1.5	1.4	1.3	1.1	0.9	0.7	0.5	0.4	0.5	0.5	0.4
70°	2.3	2.1	1.9	1.6	1.3	1.1	0.8	0.7	0.5	0.5	0.5
67.5°	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.9	0.7	0.6	0.6
65°	3.8	3.4	3.0	2.5	2.0	1.6	1.3	1.2	0.9	0.8	0.6
62.5°	4.4	3.8	3.3	2.9	2.4	1.9	1.5	1.4	1.2	0.9	0.8
60°	5.1	4.5	3.8	3.3	2.7	2.2	1.8	1.6	1.4	1.1	0.9
57.5°	6.1	5.4	4.5	3.8	3.2	2.5	2.2	2.0	1.7	1.3	1.0
55°	7.2	6.4	5.3	4.4	3.7	3.0	2.6	2.3	2.0	1.6	1.1
52.5°	8.3	7.3	6.2	5.1	4.2	3.6	3.2	2.7	2.4	1.9	1.4
50°	9.3	8.2	7.0	5.8	4.7	4.2	3.9	3.3	2.8	2.3	1.7
47.5°	10.1	8.9	7.7	6.4	5.3	5.0	4.6	3.9	3.2	2.6	2.0
45°	10.7	9.5	8.3	7.0	6.1	5.8	5.4	4.5	3.7	3.0	2.4
42.5°	11.3	10.1	8.8	7.6	6.9	6.5	6.3	5.3	4.3	3.4	2.7
40°	12.1	10.6	9.3	8.2	7.6	7.2	6.9	6.2	4.9	3.9	3.1
37.5°	12.9	11.2	9.7	8.9	8.3	7.8	7.5	7.1	5.6	4.4	3.5
35°	13.9	11.9	10.5	9.6	8.9	8.4	8.1	7.9	6.5	5.0	3.8
32.5°	14.8	12.7	11.4	10.3	9.4	8.9	8.6	8.6	7.4	5.6	4.2
30°	16.2	14.0	12.2	10.9	9.9	9.3	9.3	9.6	8.3	6.2	4.6
27.5°	18.0	15.3	13.1	11.6	10.5	9.8	10.4	10.8	9.2	6.8	5.0
25°	19.9	16.9	14.3	12.3	11.0	10.9	11.5	12.2	10.1	7.6	5.5
22.5°	22.0	18.4	15.5	13.0	12.3	11.9	12.5	13.2	11.2	8.3	6.0
20°	24.0	19.8	16.8	14.6	13.6	13.1	13.5	14.2	12.4	9.0	6.4
17.5°	25.8	21.6	18.8	16.4	15.0	14.2	14.5	15.2	13.7	9.7	6.8
15°	27.9	23.9	20.6	18.1	16.4	15.4	15.4	16.2	15.0	10.3	7.2
12.5°	29.7	26.1	22.4	19.7	17.7	16.5	16.3	17.2	16.4	10.8	7.3
10°	31.3	28.0	24.0	21.2	19.1	17.6	17.1	17.9	16.9	11.0	7.5
7.5°	32.7	29.8	25.6	22.6	20.2	18.1	17.2	17.8	17.2	11.2	7.6
5°	33.6	30.8	26.3	22.9	20.2	18.1	17.1	17.7	17.4	11.4	7.7
2.5°	33.5	30.8	26.6	23.1	20.2	18.0	17.1	17.6	17.5	11.5	7.8
0°	33.2	30.6	26.8	23.1	20.1	17.9	17.1	17.5	17.5	11.5	7.8
-2.5°	33.5	30.8	26.6	23.1	20.2	18.0	17.1	17.6	17.5	11.5	7.8
-5°	33.6	30.8	26.3	22.9	20.2	18.1	17.1	17.7	17.4	11.4	7.7
-7.5°	32.7	29.8	25.6	22.6	20.2	18.1	17.2	17.8	17.2	11.2	7.6
-10°	31.3	28.0	24.0	21.2	19.1	17.6	17.1	17.9	16.9	11.0	7.5
-12.5°	29.7	26.1	22.4	19.7	17.7	16.5	16.3	17.2	16.4	10.8	7.3
-15°	27.9	23.9	20.6	18.1	16.4	15.4	15.4	16.2	15.0	10.3	7.2
-17.5°	25.8	21.6	18.8	16.4	15.0	14.2	14.5	15.2	13.7	9.7	6.8
-20°	24.0	19.8	16.8	14.6	13.6	13.1	13.5	14.2	12.4	9.0	6.4



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	22.0	18.4	15.5	13.0	12.3	11.9	12.5	13.2	11.2	8.3	6.0
-25°	19.9	16.9	14.3	12.3	11.0	10.9	11.5	12.2	10.1	7.6	5.5
-27.5°	18.0	15.3	13.1	11.6	10.5	9.8	10.4	10.8	9.2	6.8	5.0
-30°	16.2	14.0	12.2	10.9	9.9	9.3	9.3	9.6	8.3	6.2	4.6
-32.5°	14.8	12.7	11.4	10.3	9.4	8.9	8.6	8.6	7.4	5.6	4.2
-35°	13.9	11.9	10.5	9.6	8.9	8.4	8.1	7.9	6.5	5.0	3.8
-37.5°	12.9	11.2	9.7	8.9	8.3	7.8	7.5	7.1	5.6	4.4	3.5
-40°	12.1	10.6	9.3	8.2	7.6	7.2	6.9	6.2	4.9	3.9	3.1
-42.5°	11.3	10.1	8.8	7.6	6.9	6.5	6.3	5.3	4.3	3.4	2.7
-45°	10.7	9.5	8.3	7.0	6.1	5.8	5.4	4.5	3.7	3.0	2.4
-47.5°	10.1	8.9	7.7	6.4	5.3	5.0	4.6	3.9	3.2	2.6	2.0
-50°	9.3	8.2	7.0	5.8	4.7	4.2	3.9	3.3	2.8	2.3	1.7
-52.5°	8.3	7.3	6.2	5.1	4.2	3.6	3.2	2.7	2.4	1.9	1.4
-55°	7.2	6.4	5.3	4.4	3.7	3.0	2.6	2.3	2.0	1.6	1.1
-57.5°	6.1	5.4	4.5	3.8	3.2	2.5	2.2	2.0	1.7	1.3	1.0
-60°	5.1	4.5	3.8	3.3	2.7	2.2	1.8	1.6	1.4	1.1	0.9
-62.5°	4.4	3.8	3.3	2.9	2.4	1.9	1.5	1.4	1.2	0.9	0.8
-65°	3.8	3.4	3.0	2.5	2.0	1.6	1.3	1.2	0.9	0.8	0.6
-67.5°	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.9	0.7	0.6	0.6
-70°	2.3	2.1	1.9	1.6	1.3	1.1	0.8	0.7	0.5	0.5	0.5
-72.5°	1.5	1.4	1.3	1.1	0.9	0.7	0.5	0.4	0.5	0.5	0.4
-75°	0.9	0.8	0.8	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-77.5°	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-80°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-82.5°	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
-85°	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2
-87.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-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°	0.1	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°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.6	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.7	0.5	0.4	0.4	0.4	0.2	0.0
57.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
55°	0.9	0.7	0.5	0.4	0.4	0.2	0.0
52.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
50°	1.1	0.8	0.6	0.4	0.4	0.3	0.0
47.5°	1.3	0.9	0.6	0.4	0.4	0.3	0.0
45°	1.6	1.0	0.6	0.4	0.4	0.3	0.0
42.5°	1.9	1.1	0.7	0.5	0.4	0.3	0.0
40°	2.2	1.3	0.7	0.5	0.4	0.3	0.0
37.5°	2.5	1.4	0.8	0.5	0.4	0.3	0.0
35°	2.8	1.6	0.9	0.5	0.4	0.3	0.0
32.5°	3.1	1.8	1.0	0.6	0.4	0.3	0.0
30°	3.4	2.0	1.1	0.6	0.4	0.3	0.0
27.5°	3.7	2.2	1.1	0.6	0.4	0.4	0.0
25°	4.0	2.5	1.2	0.6	0.4	0.4	0.0
22.5°	4.2	2.6	1.2	0.6	0.4	0.4	0.0
20°	4.5	2.7	1.2	0.6	0.4	0.4	0.0
17.5°	4.6	2.7	1.2	0.7	0.4	0.4	0.0
15°	4.7	2.7	1.2	0.7	0.4	0.4	0.0
12.5°	4.8	2.7	1.2	0.7	0.4	0.4	0.0
10°	4.8	2.6	1.2	0.7	0.4	0.4	0.0
7.5°	4.8	2.5	1.2	0.7	0.4	0.4	0.0
5°	4.9	2.4	1.2	0.7	0.4	0.4	0.0
2.5°	4.8	2.3	1.1	0.7	0.4	0.4	0.0
0°	4.8	2.2	1.1	0.7	0.4	0.4	0.0
-2.5°	4.8	2.3	1.1	0.7	0.4	0.4	0.0
-5°	4.9	2.4	1.2	0.7	0.4	0.4	0.0
-7.5°	4.8	2.5	1.2	0.7	0.4	0.4	0.0
-10°	4.8	2.6	1.2	0.7	0.4	0.4	0.0
-12.5°	4.8	2.7	1.2	0.7	0.4	0.4	0.0
-15°	4.7	2.7	1.2	0.7	0.4	0.4	0.0
-17.5°	4.6	2.7	1.2	0.7	0.4	0.4	0.0
-20°	4.5	2.7	1.2	0.6	0.4	0.4	0.0



REPORT NUMBER: P561369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.2	2.6	1.2	0.6	0.4	0.4	0.0
-25°	4.0	2.5	1.2	0.6	0.4	0.4	0.0
-27.5°	3.7	2.2	1.1	0.6	0.4	0.4	0.0
-30°	3.4	2.0	1.1	0.6	0.4	0.3	0.0
-32.5°	3.1	1.8	1.0	0.6	0.4	0.3	0.0
-35°	2.8	1.6	0.9	0.5	0.4	0.3	0.0
-37.5°	2.5	1.4	0.8	0.5	0.4	0.3	0.0
-40°	2.2	1.3	0.7	0.5	0.4	0.3	0.0
-42.5°	1.9	1.1	0.7	0.5	0.4	0.3	0.0
-45°	1.6	1.0	0.6	0.4	0.4	0.3	0.0
-47.5°	1.3	0.9	0.6	0.4	0.4	0.3	0.0
-50°	1.1	0.8	0.6	0.4	0.4	0.3	0.0
-52.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
-55°	0.9	0.7	0.5	0.4	0.4	0.2	0.0
-57.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
-60°	0.7	0.5	0.4	0.4	0.4	0.2	0.0
-62.5°	0.6	0.5	0.4	0.4	0.4	0.2	0.0
-65°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
-67.5°	0.5	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)