

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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-TSB-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561377 (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-SA2B-AMB-U-TSB-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

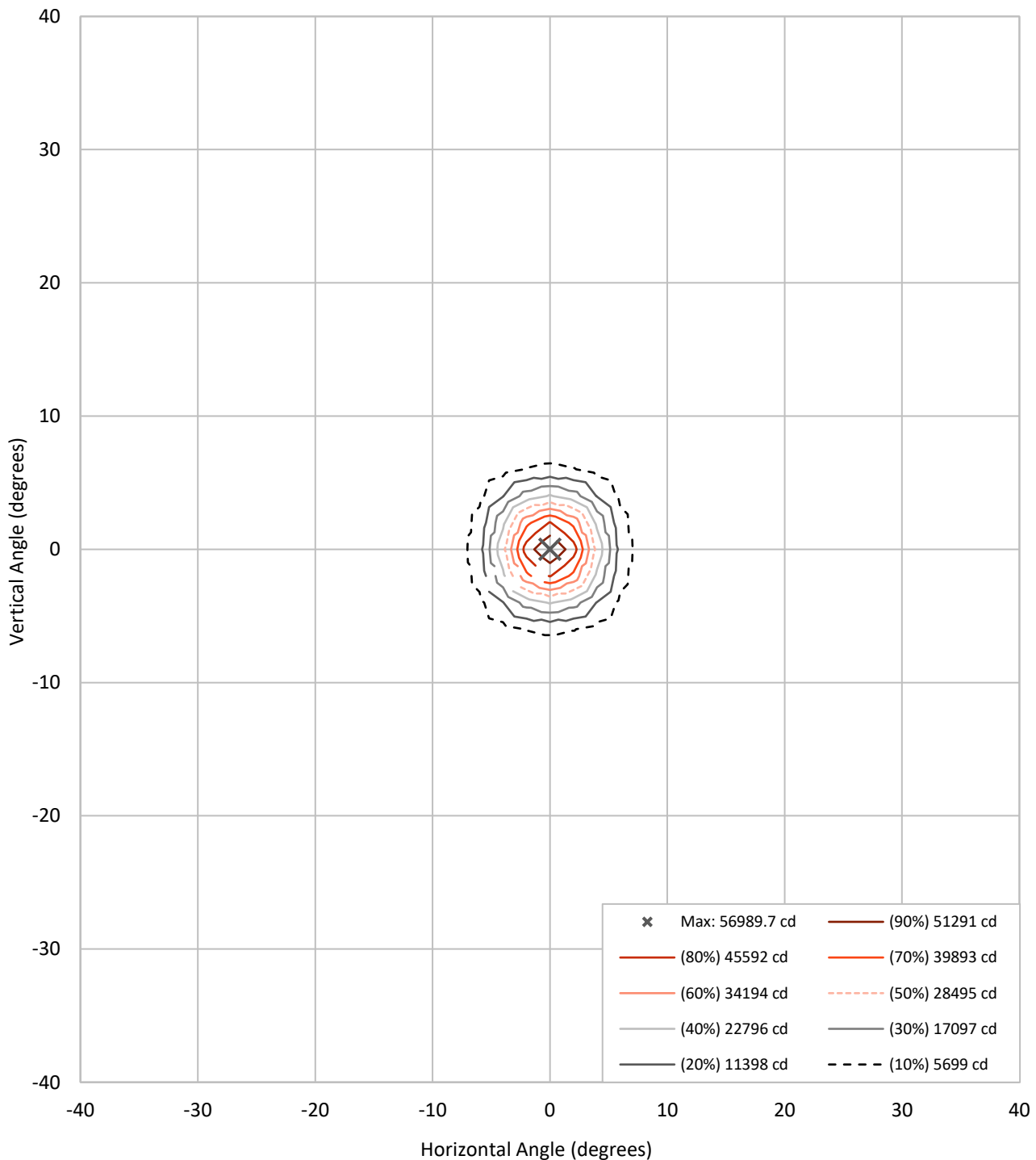
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	1333.1 lumens	Max Intensity:	56989.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	7.8°H x 7.2°V	Field Angle (10%):	13.6°H x 12.7°V
Beam Lumens:	343.6 lumens	Field Lumens:	888.4 lumens
Beam Efficiency:	25.8%	Field Efficiency:	66.6%

Input Watts (W): 42.2
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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-AMB-U-TSB-BK

Iso-Candela Plot





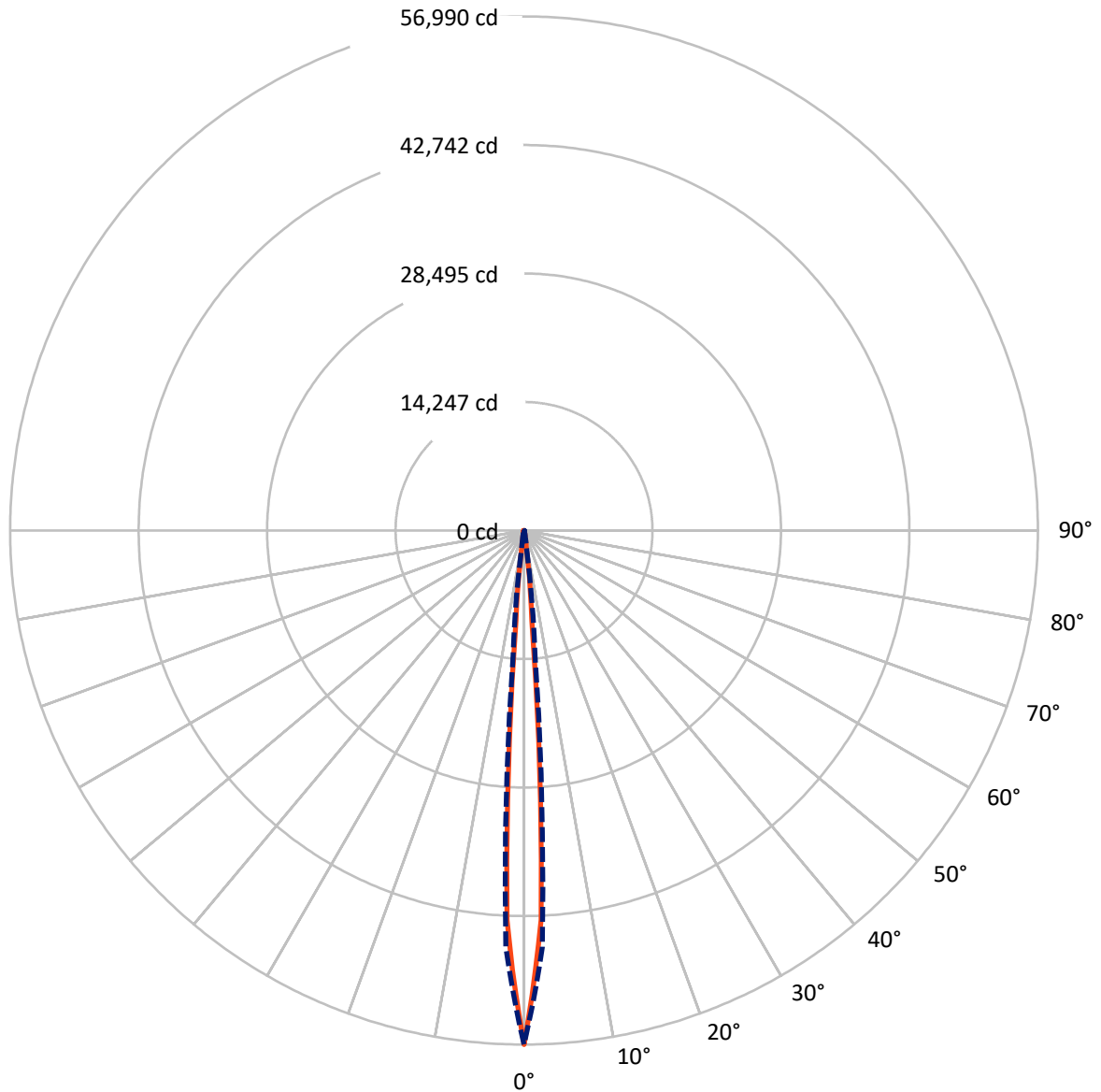
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Lumen Table

90																
80	0.0	0.0		0.1	0.3		0.6		0.3		0.1	0.0		0.0		
70																
60	0.0	0.0	0.1	0.2	0.3	0.3	0.5	1.1	1.1	0.5	0.3	0.3	0.2	0.1	0.0	0.0
50		0.1	0.2	0.3	0.5	0.6	0.8	1.2	1.2	0.8	0.6	0.5	0.3	0.2	0.1	
40	0.1	0.1	0.2	0.5	0.8	1.2	1.5	1.9	1.9	1.5	1.2	0.8	0.5	0.2	0.1	0.1
30		0.2	0.3	0.7	1.2	1.6	1.9	2.0	2.0	1.9	1.6	1.2	0.7	0.3	0.2	
20	0.2	0.3	0.4	0.9	1.5	1.7	2.3	3.2	3.2	2.3	1.7	1.5	0.9	0.4	0.3	0.2
10		0.4	0.6	1.2	1.7	2.2	4.8	9.2	9.2	4.8	2.2	1.7	1.2	0.6	0.4	
0	0.2	0.4	0.8	1.4	1.7	3.1	9.5	264.4	264.4	9.5	3.1	1.7	1.4	0.8	0.4	0.2
-10		0.4	0.8	1.4	1.7	3.1	9.5	264.4	264.4	9.5	3.1	1.7	1.4	0.8	0.4	
-20	0.2	0.4	0.6	1.2	1.7	2.2	4.8	9.2	9.2	4.8	2.2	1.7	1.2	0.6	0.4	0.2
-30		0.3	0.4	0.9	1.5	1.7	2.3	3.2	3.2	2.3	1.7	1.5	0.9	0.4	0.3	
-40	0.1	0.2	0.3	0.7	1.2	1.6	1.9	2.0	2.0	1.9	1.6	1.2	0.7	0.3	0.2	0.1
-50		0.1	0.2	0.5	0.8	1.2	1.5	1.9	1.9	1.5	1.2	0.8	0.5	0.2	0.1	
-60	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.2	1.2	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-70		0.0	0.1	0.2	0.3	0.3	0.5	1.1	1.1	0.5	0.3	0.3	0.2	0.1	0.0	
-80																
-90	0.0	0.0		0.1	0.3		0.6		0.3		0.1	0.0		0.0		

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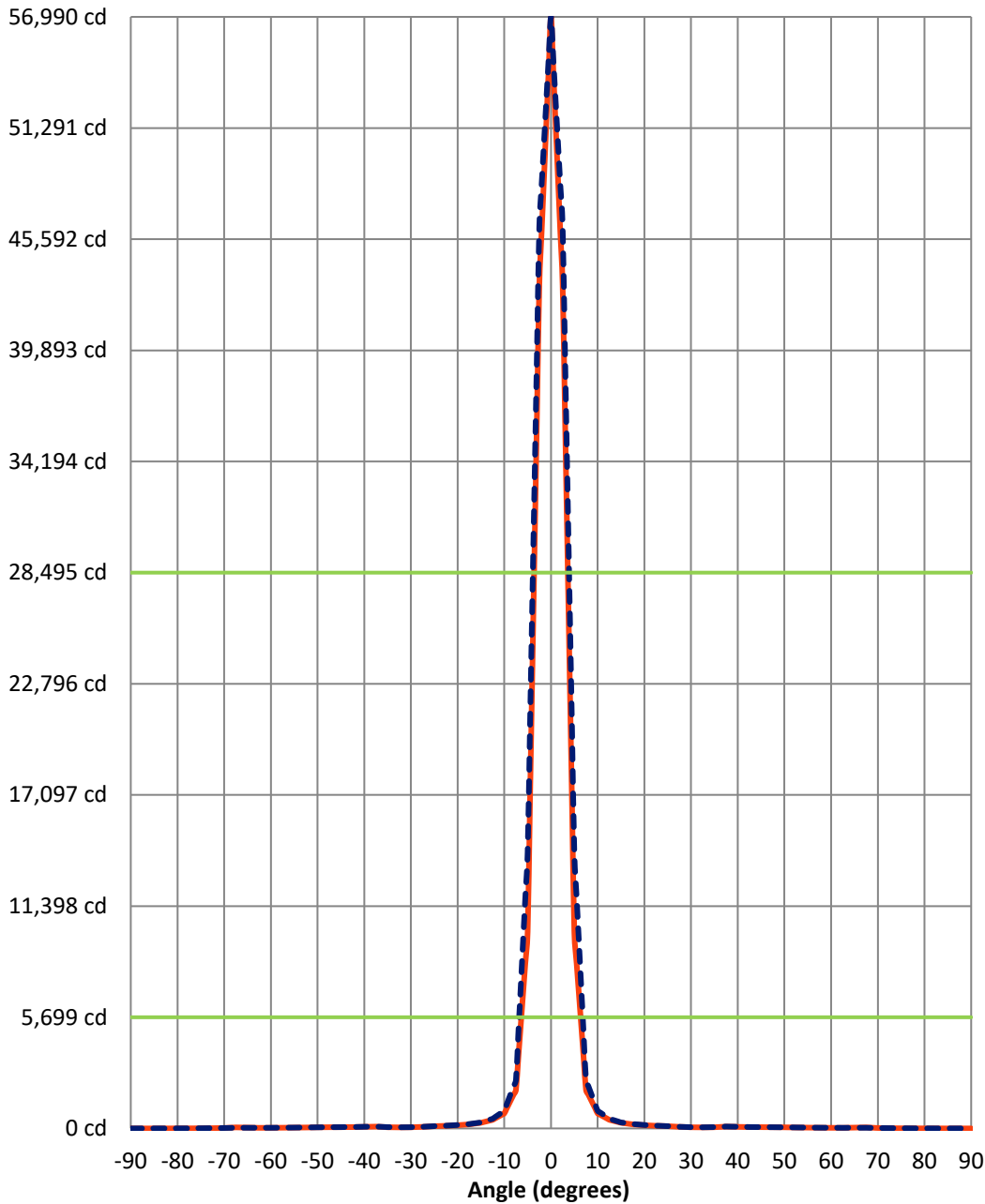
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 7.8°
V Angle: 7.2°
Lumens: 343.6
Efficiency: 25.8%

Field:
H Angle: 13.6°
V Angle: 12.7°
Lumens: 888.4
Efficiency: 66.6%

Spill:
Lumens: 444.7
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	0.1	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	0.7	0.7
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.8	0.7
72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.8
70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	0.9	1.0	1.0	1.2
67.5°	0.0	0.3	0.5	0.7	0.7	0.7	0.9	1.1	1.2	1.4	1.7
65°	0.0	0.3	0.6	0.7	0.7	0.8	1.1	1.3	1.5	1.8	2.2
62.5°	0.0	0.3	0.6	0.7	0.7	0.9	1.2	1.5	1.8	2.2	2.6
60°	0.0	0.3	0.7	0.7	0.7	1.0	1.4	1.7	2.0	2.7	3.1
57.5°	0.0	0.4	0.7	0.7	0.8	1.2	1.6	1.9	2.5	3.2	3.7
55°	0.0	0.4	0.7	0.7	0.9	1.3	1.8	2.1	3.1	3.8	4.4
52.5°	0.0	0.4	0.7	0.7	1.0	1.4	2.0	2.7	3.7	4.5	5.1
50°	0.0	0.4	0.7	0.7	1.1	1.6	2.2	3.3	4.3	5.2	6.2
47.5°	0.0	0.5	0.7	0.7	1.2	1.8	2.4	3.9	4.9	5.9	7.3
45°	0.0	0.5	0.7	0.8	1.3	2.0	3.0	4.5	5.6	6.9	8.5
42.5°	0.0	0.5	0.7	0.8	1.4	2.2	3.5	5.1	6.3	8.0	10.0
40°	0.0	0.5	0.7	0.9	1.5	2.4	4.1	5.8	7.2	9.1	11.6
37.5°	0.0	0.6	0.7	1.0	1.6	2.6	4.6	6.4	8.3	10.5	13.3
35°	0.0	0.6	0.7	1.0	1.8	2.9	5.2	7.1	9.4	12.1	14.8
32.5°	0.0	0.6	0.7	1.1	1.9	3.3	5.8	7.8	10.5	13.8	16.1
30°	0.0	0.6	0.7	1.1	2.0	3.8	6.3	8.5	11.6	15.5	17.9
27.5°	0.0	0.6	0.7	1.2	2.1	4.2	6.8	9.4	12.8	17.2	20.1
25°	0.0	0.6	0.7	1.2	2.2	4.6	7.4	10.3	14.2	18.9	22.7
22.5°	0.0	0.6	0.7	1.2	2.3	4.9	7.9	11.1	15.5	20.9	24.6
20°	0.0	0.7	0.7	1.3	2.3	5.0	8.4	12.0	16.8	23.2	26.5
17.5°	0.0	0.7	0.7	1.3	2.3	5.1	8.7	12.8	18.1	25.5	28.4
15°	0.0	0.7	0.7	1.3	2.3	5.1	8.8	13.4	19.4	28.0	30.3
12.5°	0.0	0.7	0.7	1.3	2.3	5.0	8.9	13.7	20.2	30.6	32.2
10°	0.0	0.7	0.7	1.4	2.3	4.9	9.0	14.0	20.7	31.6	33.3
7.5°	0.0	0.7	0.7	1.4	2.3	4.8	9.1	14.3	21.1	32.2	33.2
5°	0.0	0.7	0.7	1.4	2.2	4.6	9.2	14.5	21.4	32.6	33.0
2.5°	0.0	0.7	0.7	1.4	2.2	4.4	9.2	14.6	21.5	32.7	32.9
0°	0.0	0.7	0.7	1.4	2.1	4.2	9.1	14.6	21.6	32.7	32.7
-2.5°	0.0	0.7	0.7	1.4	2.2	4.4	9.2	14.6	21.5	32.7	32.9
-5°	0.0	0.7	0.7	1.4	2.2	4.6	9.2	14.5	21.4	32.6	33.0
-7.5°	0.0	0.7	0.7	1.4	2.3	4.8	9.1	14.3	21.1	32.2	33.2
-10°	0.0	0.7	0.7	1.4	2.3	4.9	9.0	14.0	20.7	31.6	33.3
-12.5°	0.0	0.7	0.7	1.3	2.3	5.0	8.9	13.7	20.2	30.6	32.2
-15°	0.0	0.7	0.7	1.3	2.3	5.1	8.8	13.4	19.4	28.0	30.3
-17.5°	0.0	0.7	0.7	1.3	2.3	5.1	8.7	12.8	18.1	25.5	28.4
-20°	0.0	0.7	0.7	1.3	2.3	5.0	8.4	12.0	16.8	23.2	26.5



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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	0.6	0.7	1.2	2.3	4.9	7.9	11.1	15.5	20.9	24.6
-25°	0.0	0.6	0.7	1.2	2.2	4.6	7.4	10.3	14.2	18.9	22.7
-27.5°	0.0	0.6	0.7	1.2	2.1	4.2	6.8	9.4	12.8	17.2	20.1
-30°	0.0	0.6	0.7	1.1	2.0	3.8	6.3	8.5	11.6	15.5	17.9
-32.5°	0.0	0.6	0.7	1.1	1.9	3.3	5.8	7.8	10.5	13.8	16.1
-35°	0.0	0.6	0.7	1.0	1.8	2.9	5.2	7.1	9.4	12.1	14.8
-37.5°	0.0	0.6	0.7	1.0	1.6	2.6	4.6	6.4	8.3	10.5	13.3
-40°	0.0	0.5	0.7	0.9	1.5	2.4	4.1	5.8	7.2	9.1	11.6
-42.5°	0.0	0.5	0.7	0.8	1.4	2.2	3.5	5.1	6.3	8.0	10.0
-45°	0.0	0.5	0.7	0.8	1.3	2.0	3.0	4.5	5.6	6.9	8.5
-47.5°	0.0	0.5	0.7	0.7	1.2	1.8	2.4	3.9	4.9	5.9	7.3
-50°	0.0	0.4	0.7	0.7	1.1	1.6	2.2	3.3	4.3	5.2	6.2
-52.5°	0.0	0.4	0.7	0.7	1.0	1.4	2.0	2.7	3.7	4.5	5.1
-55°	0.0	0.4	0.7	0.7	0.9	1.3	1.8	2.1	3.1	3.8	4.4
-57.5°	0.0	0.4	0.7	0.7	0.8	1.2	1.6	1.9	2.5	3.2	3.7
-60°	0.0	0.3	0.7	0.7	0.7	1.0	1.4	1.7	2.0	2.7	3.1
-62.5°	0.0	0.3	0.6	0.7	0.7	0.9	1.2	1.5	1.8	2.2	2.6
-65°	0.0	0.3	0.6	0.7	0.7	0.8	1.1	1.3	1.5	1.8	2.2
-67.5°	0.0	0.3	0.5	0.7	0.7	0.7	0.9	1.1	1.2	1.4	1.7
-70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	0.9	1.0	1.0	1.2
-72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.8
-75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.8	0.7
-77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
-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-SA2B-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°	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
82.5°	0.6	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.3
80°	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.8	0.9
77.5°	0.7	0.7	0.7	0.7	0.7	0.9	1.0	1.1	1.3	1.5	1.8
75°	0.7	0.7	1.0	1.3	1.5	1.6	1.7	1.8	2.1	2.5	2.9
72.5°	1.0	1.3	1.7	2.1	2.5	2.7	2.8	2.9	3.3	4.0	4.6
70°	1.6	2.0	2.5	3.1	3.7	3.9	4.3	4.9	5.7	6.3	6.6
67.5°	2.2	2.6	3.2	4.0	4.7	5.2	6.0	6.8	7.8	8.2	8.5
65°	2.5	3.0	3.9	4.7	5.5	6.3	7.2	8.4	9.2	9.3	9.5
62.5°	2.8	3.6	4.5	5.4	6.3	7.2	8.4	9.2	9.7	10.4	11.5
60°	3.4	4.1	5.2	6.2	7.1	8.5	9.5	10.5	11.2	12.0	13.8
57.5°	4.1	4.8	6.0	7.1	8.5	10.0	11.3	12.3	13.5	14.8	16.4
55°	4.9	5.6	6.9	8.3	9.9	11.9	13.4	14.8	16.2	17.0	18.0
52.5°	6.0	6.6	7.8	9.5	11.5	13.6	15.6	17.0	17.9	18.7	19.8
50°	7.2	7.9	8.8	10.8	12.9	15.3	17.5	18.7	19.7	20.7	22.0
47.5°	8.5	9.3	9.8	11.9	14.3	16.6	18.8	20.5	21.6	23.3	25.0
45°	10.1	10.8	11.3	13.0	15.4	17.8	20.1	22.3	24.0	26.0	28.4
42.5°	11.7	12.1	12.8	14.0	16.4	18.9	21.3	24.0	26.5	29.2	32.4
40°	13.0	13.4	14.2	15.3	17.4	19.9	22.7	25.7	29.4	33.0	37.0
37.5°	14.0	14.6	15.4	16.7	18.3	21.0	24.0	27.9	32.4	37.3	42.8
35°	15.0	15.6	16.6	17.9	19.7	22.2	25.9	30.3	35.8	42.4	47.4
32.5°	15.9	16.6	17.6	19.2	21.3	23.8	27.7	33.2	39.9	46.6	50.0
30°	17.3	17.4	18.5	20.5	22.9	26.2	30.3	36.2	44.1	48.7	51.9
27.5°	19.4	18.2	19.6	21.8	24.6	28.7	33.6	40.1	46.7	50.7	53.4
25°	21.4	20.3	20.6	23.1	26.8	31.5	37.1	44.7	49.0	51.9	55.0
22.5°	23.4	22.2	23.0	24.4	29.0	34.3	41.2	48.1	52.2	53.5	57.0
20°	25.3	24.4	25.5	27.4	31.4	37.0	44.9	51.5	55.5	57.6	59.8
17.5°	27.0	26.6	28.0	30.7	35.0	40.4	48.2	55.0	59.3	61.1	63.8
15°	28.7	28.7	30.6	33.9	38.5	44.7	52.0	58.3	63.0	64.3	68.2
12.5°	30.4	30.7	33.2	36.9	41.8	48.7	55.6	61.0	64.8	68.0	72.2
10°	32.0	32.8	35.7	39.6	44.8	52.3	58.6	63.1	66.4	71.0	75.2
7.5°	32.1	33.8	37.7	42.3	47.7	55.7	61.1	64.7	68.0	73.9	78.2
5°	32.0	33.7	37.8	42.9	49.1	57.6	62.9	65.9	69.7	76.6	81.2
2.5°	32.0	33.6	37.8	43.1	49.7	57.5	62.5	65.7	70.5	80.5	87.1
0°	32.0	33.4	37.6	43.2	50.1	57.1	62.0	65.4	71.0	84.9	95.4
-2.5°	32.0	33.6	37.8	43.1	49.7	57.5	62.5	65.7	70.5	80.5	87.1
-5°	32.0	33.7	37.8	42.9	49.1	57.6	62.9	65.9	69.7	76.6	81.2
-7.5°	32.1	33.8	37.7	42.3	47.7	55.7	61.1	64.7	68.0	73.9	78.2
-10°	32.0	32.8	35.7	39.6	44.8	52.3	58.6	63.1	66.4	71.0	75.2
-12.5°	30.4	30.7	33.2	36.9	41.8	48.7	55.6	61.0	64.8	68.0	72.2
-15°	28.7	28.7	30.6	33.9	38.5	44.7	52.0	58.3	63.0	64.3	68.2
-17.5°	27.0	26.6	28.0	30.7	35.0	40.4	48.2	55.0	59.3	61.1	63.8
-20°	25.3	24.4	25.5	27.4	31.4	37.0	44.9	51.5	55.5	57.6	59.8



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	23.4	22.2	23.0	24.4	29.0	34.3	41.2	48.1	52.2	53.5	57.0
-25°	21.4	20.3	20.6	23.1	26.8	31.5	37.1	44.7	49.0	51.9	55.0
-27.5°	19.4	18.2	19.6	21.8	24.6	28.7	33.6	40.1	46.7	50.7	53.4
-30°	17.3	17.4	18.5	20.5	22.9	26.2	30.3	36.2	44.1	48.7	51.9
-32.5°	15.9	16.6	17.6	19.2	21.3	23.8	27.7	33.2	39.9	46.6	50.0
-35°	15.0	15.6	16.6	17.9	19.7	22.2	25.9	30.3	35.8	42.4	47.4
-37.5°	14.0	14.6	15.4	16.7	18.3	21.0	24.0	27.9	32.4	37.3	42.8
-40°	13.0	13.4	14.2	15.3	17.4	19.9	22.7	25.7	29.4	33.0	37.0
-42.5°	11.7	12.1	12.8	14.0	16.4	18.9	21.3	24.0	26.5	29.2	32.4
-45°	10.1	10.8	11.3	13.0	15.4	17.8	20.1	22.3	24.0	26.0	28.4
-47.5°	8.5	9.3	9.8	11.9	14.3	16.6	18.8	20.5	21.6	23.3	25.0
-50°	7.2	7.9	8.8	10.8	12.9	15.3	17.5	18.7	19.7	20.7	22.0
-52.5°	6.0	6.6	7.8	9.5	11.5	13.6	15.6	17.0	17.9	18.7	19.8
-55°	4.9	5.6	6.9	8.3	9.9	11.9	13.4	14.8	16.2	17.0	18.0
-57.5°	4.1	4.8	6.0	7.1	8.5	10.0	11.3	12.3	13.5	14.8	16.4
-60°	3.4	4.1	5.2	6.2	7.1	8.5	9.5	10.5	11.2	12.0	13.8
-62.5°	2.8	3.6	4.5	5.4	6.3	7.2	8.4	9.2	9.7	10.4	11.5
-65°	2.5	3.0	3.9	4.7	5.5	6.3	7.2	8.4	9.2	9.3	9.5
-67.5°	2.2	2.6	3.2	4.0	4.7	5.2	6.0	6.8	7.8	8.2	8.5
-70°	1.6	2.0	2.5	3.1	3.7	3.9	4.3	4.9	5.7	6.3	6.6
-72.5°	1.0	1.3	1.7	2.1	2.5	2.7	2.8	2.9	3.3	4.0	4.6
-75°	0.7	0.7	1.0	1.3	1.5	1.6	1.7	1.8	2.1	2.5	2.9
-77.5°	0.7	0.7	0.7	0.7	0.7	0.9	1.0	1.1	1.3	1.5	1.8
-80°	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.8	0.9
-82.5°	0.6	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.3
-85°	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-87.5°	0.2	0.2	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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
80°	1.1	1.2	1.2	1.2	1.2	1.3	1.5	1.7	1.9	2.0	2.0
77.5°	2.2	2.3	2.2	2.2	2.2	2.5	2.9	3.3	3.8	4.1	4.3
75°	3.3	3.5	3.5	3.5	3.5	3.9	4.7	5.5	6.3	6.7	7.1
72.5°	5.0	5.2	5.1	5.1	5.0	5.9	7.5	9.3	11.3	12.2	12.6
70°	6.8	7.0	7.0	7.0	7.0	8.1	10.8	13.7	16.8	18.9	20.6
67.5°	8.5	8.7	8.8	8.8	9.0	10.0	12.7	15.1	17.2	22.4	31.5
65°	10.1	11.2	11.6	11.8	11.7	11.9	13.8	15.4	16.7	20.6	26.8
62.5°	12.8	14.2	14.6	14.5	14.4	14.2	15.5	16.7	17.8	19.8	23.6
60°	15.3	16.5	17.1	17.1	17.0	16.9	17.8	18.8	19.9	21.5	25.2
57.5°	17.5	18.6	19.6	19.7	19.6	19.6	20.3	21.6	22.8	24.2	28.3
55°	19.3	20.7	22.0	22.4	22.7	22.8	23.4	25.2	26.9	28.5	32.9
52.5°	21.3	23.1	24.8	25.7	26.4	27.1	27.8	30.2	32.6	34.9	39.1
50°	24.1	26.1	28.2	29.9	31.3	32.7	33.9	36.9	40.4	43.9	48.0
47.5°	27.3	29.7	32.5	35.2	37.3	39.9	42.1	45.2	48.5	51.9	55.2
45°	31.0	34.5	37.9	42.1	45.6	46.9	47.9	49.9	53.5	57.6	61.3
42.5°	36.0	40.4	45.1	47.9	49.8	50.9	51.8	52.5	56.9	60.8	64.0
40°	42.0	46.5	49.1	51.2	52.9	54.1	55.0	56.2	59.2	63.2	67.5
37.5°	47.2	49.9	52.1	53.9	55.5	56.7	58.4	60.0	62.5	68.0	72.0
35°	50.2	52.5	54.6	56.7	58.8	60.7	63.2	67.3	70.9	69.2	66.0
32.5°	52.5	54.8	57.3	61.3	64.4	67.7	72.0	66.1	60.3	57.5	57.2
30°	54.5	56.8	60.8	66.7	70.7	69.1	61.0	56.8	55.5	55.9	59.1
27.5°	56.1	58.9	64.0	70.7	67.5	58.7	55.8	54.5	58.8	62.6	68.7
25°	58.1	61.2	68.7	66.9	58.6	56.0	56.9	60.7	68.8	81.2	94.6
22.5°	60.4	66.5	68.5	58.5	56.0	57.9	62.8	75.1	92.8	109.8	121.8
20°	63.3	71.9	62.3	56.9	57.7	63.6	78.2	99.8	116.9	129.6	141.7
17.5°	68.8	67.7	59.5	56.9	62.6	76.4	100.6	120.0	135.5	152.4	168.3
15°	73.2	63.9	58.5	61.3	71.0	94.7	118.1	136.5	158.2	181.3	208.2
12.5°	71.8	62.0	59.1	65.6	83.1	110.9	131.8	155.8	184.2	219.2	264.0
10°	69.7	61.7	62.8	72.1	95.5	122.3	144.4	174.2	213.5	269.4	356.5
7.5°	68.3	60.8	64.8	78.0	105.4	130.7	158.2	194.6	245.1	334.0	494.6
5°	67.0	59.7	65.0	81.7	112.3	136.6	168.4	210.4	278.3	409.0	657.2
2.5°	66.4	58.6	64.3	84.9	116.9	139.6	173.7	222.5	303.7	472.1	845.2
0°	66.8	57.8	62.7	83.9	115.6	140.6	176.2	225.6	307.1	498.5	905.1
-2.5°	66.4	58.6	64.3	84.9	116.9	139.6	173.7	222.5	303.7	472.1	845.2
-5°	67.0	59.7	65.0	81.7	112.3	136.6	168.4	210.4	278.3	409.0	657.2
-7.5°	68.3	60.8	64.8	78.0	105.4	130.7	158.2	194.6	245.1	334.0	494.6
-10°	69.7	61.7	62.8	72.1	95.5	122.3	144.4	174.2	213.5	269.4	356.5
-12.5°	71.8	62.0	59.1	65.6	83.1	110.9	131.8	155.8	184.2	219.2	264.0
-15°	73.2	63.9	58.5	61.3	71.0	94.7	118.1	136.5	158.2	181.3	208.2
-17.5°	68.8	67.7	59.5	56.9	62.6	76.4	100.6	120.0	135.5	152.4	168.3
-20°	63.3	71.9	62.3	56.9	57.7	63.6	78.2	99.8	116.9	129.6	141.7



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	60.4	66.5	68.5	58.5	56.0	57.9	62.8	75.1	92.8	109.8	121.8
-25°	58.1	61.2	68.7	66.9	58.6	56.0	56.9	60.7	68.8	81.2	94.6
-27.5°	56.1	58.9	64.0	70.7	67.5	58.7	55.8	54.5	58.8	62.6	68.7
-30°	54.5	56.8	60.8	66.7	70.7	69.1	61.0	56.8	55.5	55.9	59.1
-32.5°	52.5	54.8	57.3	61.3	64.4	67.7	72.0	66.1	60.3	57.5	57.2
-35°	50.2	52.5	54.6	56.7	58.8	60.7	63.2	67.3	70.9	69.2	66.0
-37.5°	47.2	49.9	52.1	53.9	55.5	56.7	58.4	60.0	62.5	68.0	72.0
-40°	42.0	46.5	49.1	51.2	52.9	54.1	55.0	56.2	59.2	63.2	67.5
-42.5°	36.0	40.4	45.1	47.9	49.8	50.9	51.8	52.5	56.9	60.8	64.0
-45°	31.0	34.5	37.9	42.1	45.6	46.9	47.9	49.9	53.5	57.6	61.3
-47.5°	27.3	29.7	32.5	35.2	37.3	39.9	42.1	45.2	48.5	51.9	55.2
-50°	24.1	26.1	28.2	29.9	31.3	32.7	33.9	36.9	40.4	43.9	48.0
-52.5°	21.3	23.1	24.8	25.7	26.4	27.1	27.8	30.2	32.6	34.9	39.1
-55°	19.3	20.7	22.0	22.4	22.7	22.8	23.4	25.2	26.9	28.5	32.9
-57.5°	17.5	18.6	19.6	19.7	19.6	19.6	20.3	21.6	22.8	24.2	28.3
-60°	15.3	16.5	17.1	17.1	17.0	16.9	17.8	18.8	19.9	21.5	25.2
-62.5°	12.8	14.2	14.6	14.5	14.4	14.2	15.5	16.7	17.8	19.8	23.6
-65°	10.1	11.2	11.6	11.8	11.7	11.9	13.8	15.4	16.7	20.6	26.8
-67.5°	8.5	8.7	8.8	8.8	9.0	10.0	12.7	15.1	17.2	22.4	31.5
-70°	6.8	7.0	7.0	7.0	7.0	8.1	10.8	13.7	16.8	18.9	20.6
-72.5°	5.0	5.2	5.1	5.1	5.0	5.9	7.5	9.3	11.3	12.2	12.6
-75°	3.3	3.5	3.5	3.5	3.5	3.9	4.7	5.5	6.3	6.7	7.1
-77.5°	2.2	2.3	2.2	2.2	2.2	2.5	2.9	3.3	3.8	4.1	4.3
-80°	1.1	1.2	1.2	1.2	1.2	1.3	1.5	1.7	1.9	2.0	2.0
-82.5°	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
-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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.7
77.5°	4.6	4.8	4.5	4.2	4.5	4.8	4.6	4.3	4.1	3.8	3.3
75°	7.4	7.6	7.3	7.0	7.3	7.6	7.4	7.1	6.7	6.3	5.5
72.5°	12.8	13.0	12.8	12.5	12.8	13.0	12.8	12.6	12.2	11.3	9.3
70°	22.2	23.9	23.3	22.3	23.3	23.9	22.2	20.6	18.9	16.8	13.7
67.5°	41.6	52.4	53.8	52.9	53.8	52.4	41.6	31.5	22.4	17.2	15.1
65°	32.5	37.9	40.0	41.8	40.0	37.9	32.5	26.8	20.6	16.7	15.4
62.5°	27.0	30.2	30.7	30.6	30.7	30.2	27.0	23.6	19.8	17.8	16.7
60°	28.8	32.4	32.5	31.3	32.5	32.4	28.8	25.2	21.5	19.9	18.8
57.5°	32.3	36.2	37.0	36.2	37.0	36.2	32.3	28.3	24.2	22.8	21.6
55°	37.2	41.5	42.8	42.5	42.8	41.5	37.2	32.9	28.5	26.9	25.2
52.5°	43.5	47.5	48.8	48.0	48.8	47.5	43.5	39.1	34.9	32.6	30.2
50°	52.2	55.9	57.4	57.1	57.4	55.9	52.2	48.0	43.9	40.4	36.9
47.5°	58.1	60.6	61.9	62.0	61.9	60.6	58.1	55.2	51.9	48.5	45.2
45°	63.2	64.6	65.2	64.8	65.2	64.6	63.2	61.3	57.6	53.5	49.9
42.5°	65.8	68.0	69.3	68.9	69.3	68.0	65.8	64.0	60.8	56.9	52.5
40°	70.8	73.7	76.8	80.8	76.8	73.7	70.8	67.5	63.2	59.2	56.2
37.5°	75.4	79.1	84.0	93.3	84.0	79.1	75.4	72.0	68.0	62.5	60.0
35°	63.7	62.3	61.3	60.6	61.3	62.3	63.7	66.0	69.2	70.9	67.3
32.5°	56.9	55.8	54.5	54.3	54.5	55.8	56.9	57.2	57.5	60.3	66.1
30°	61.9	61.3	59.7	59.2	59.7	61.3	61.9	59.1	55.9	55.5	56.8
27.5°	75.1	78.3	81.1	80.8	81.1	78.3	75.1	68.7	62.6	58.8	54.5
25°	105.5	111.0	113.8	114.9	113.8	111.0	105.5	94.6	81.2	68.8	60.7
22.5°	128.0	132.1	134.8	135.1	134.8	132.1	128.0	121.8	109.8	92.8	75.1
20°	152.3	159.2	163.1	165.0	163.1	159.2	152.3	141.7	129.6	116.9	99.8
17.5°	185.5	198.8	207.2	209.2	207.2	198.8	185.5	168.3	152.4	135.5	120.0
15°	236.0	262.6	280.6	289.6	280.6	262.6	236.0	208.2	181.3	158.2	136.5
12.5°	324.9	386.9	433.2	441.1	433.2	386.9	324.9	264.0	219.2	184.2	155.8
10°	479.7	622.3	751.8	770.1	751.8	622.3	479.7	356.5	269.4	213.5	174.2
7.5°	761.1	1204.3	1759.0	1979.1	1759.0	1204.3	761.1	494.6	334.0	245.1	194.6
5°	1271.4	3236.3	8363.9	10071.4	8363.9	3236.3	1271.4	657.2	409.0	278.3	210.4
2.5°	1988.6	10710.6	34105.0	43202.7	34105.0	10710.6	1988.6	845.2	472.1	303.7	222.5
0°	2487.8	14164.0	46238.7	56989.7	46238.7	14164.0	2487.8	905.1	498.5	307.1	225.6
-2.5°	1988.6	10710.6	34105.0	43202.7	34105.0	10710.6	1988.6	845.2	472.1	303.7	222.5
-5°	1271.4	3236.3	8363.9	10071.4	8363.9	3236.3	1271.4	657.2	409.0	278.3	210.4
-7.5°	761.1	1204.3	1759.0	1979.1	1759.0	1204.3	761.1	494.6	334.0	245.1	194.6
-10°	479.7	622.3	751.8	770.1	751.8	622.3	479.7	356.5	269.4	213.5	174.2
-12.5°	324.9	386.9	433.2	441.1	433.2	386.9	324.9	264.0	219.2	184.2	155.8
-15°	236.0	262.6	280.6	289.6	280.6	262.6	236.0	208.2	181.3	158.2	136.5
-17.5°	185.5	198.8	207.2	209.2	207.2	198.8	185.5	168.3	152.4	135.5	120.0
-20°	152.3	159.2	163.1	165.0	163.1	159.2	152.3	141.7	129.6	116.9	99.8



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	128.0	132.1	134.8	135.1	134.8	132.1	128.0	121.8	109.8	92.8	75.1
-25°	105.5	111.0	113.8	114.9	113.8	111.0	105.5	94.6	81.2	68.8	60.7
-27.5°	75.1	78.3	81.1	80.8	81.1	78.3	75.1	68.7	62.6	58.8	54.5
-30°	61.9	61.3	59.7	59.2	59.7	61.3	61.9	59.1	55.9	55.5	56.8
-32.5°	56.9	55.8	54.5	54.3	54.5	55.8	56.9	57.2	57.5	60.3	66.1
-35°	63.7	62.3	61.3	60.6	61.3	62.3	63.7	66.0	69.2	70.9	67.3
-37.5°	75.4	79.1	84.0	93.3	84.0	79.1	75.4	72.0	68.0	62.5	60.0
-40°	70.8	73.7	76.8	80.8	76.8	73.7	70.8	67.5	63.2	59.2	56.2
-42.5°	65.8	68.0	69.3	68.9	69.3	68.0	65.8	64.0	60.8	56.9	52.5
-45°	63.2	64.6	65.2	64.8	65.2	64.6	63.2	61.3	57.6	53.5	49.9
-47.5°	58.1	60.6	61.9	62.0	61.9	60.6	58.1	55.2	51.9	48.5	45.2
-50°	52.2	55.9	57.4	57.1	57.4	55.9	52.2	48.0	43.9	40.4	36.9
-52.5°	43.5	47.5	48.8	48.0	48.8	47.5	43.5	39.1	34.9	32.6	30.2
-55°	37.2	41.5	42.8	42.5	42.8	41.5	37.2	32.9	28.5	26.9	25.2
-57.5°	32.3	36.2	37.0	36.2	37.0	36.2	32.3	28.3	24.2	22.8	21.6
-60°	28.8	32.4	32.5	31.3	32.5	32.4	28.8	25.2	21.5	19.9	18.8
-62.5°	27.0	30.2	30.7	30.6	30.7	30.2	27.0	23.6	19.8	17.8	16.7
-65°	32.5	37.9	40.0	41.8	40.0	37.9	32.5	26.8	20.6	16.7	15.4
-67.5°	41.6	52.4	53.8	52.9	53.8	52.4	41.6	31.5	22.4	17.2	15.1
-70°	22.2	23.9	23.3	22.3	23.3	23.9	22.2	20.6	18.9	16.8	13.7
-72.5°	12.8	13.0	12.8	12.5	12.8	13.0	12.8	12.6	12.2	11.3	9.3
-75°	7.4	7.6	7.3	7.0	7.3	7.6	7.4	7.1	6.7	6.3	5.5
-77.5°	4.6	4.8	4.5	4.2	4.5	4.8	4.6	4.3	4.1	3.8	3.3
-80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.7
-82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.1
80°	1.5	1.3	1.2	1.2	1.2	1.2	1.1	0.9	0.8	0.7	0.6
77.5°	2.9	2.5	2.2	2.2	2.2	2.3	2.2	1.8	1.5	1.3	1.1
75°	4.7	3.9	3.5	3.5	3.5	3.5	3.3	2.9	2.5	2.1	1.8
72.5°	7.5	5.9	5.0	5.1	5.1	5.2	5.0	4.6	4.0	3.3	2.9
70°	10.8	8.1	7.0	7.0	7.0	7.0	6.8	6.6	6.3	5.7	4.9
67.5°	12.7	10.0	9.0	8.8	8.8	8.7	8.5	8.5	8.2	7.8	6.8
65°	13.8	11.9	11.7	11.8	11.6	11.2	10.1	9.5	9.3	9.2	8.4
62.5°	15.5	14.2	14.4	14.5	14.6	14.2	12.8	11.5	10.4	9.7	9.2
60°	17.8	16.9	17.0	17.1	17.1	16.5	15.3	13.8	12.0	11.2	10.5
57.5°	20.3	19.6	19.6	19.7	19.6	18.6	17.5	16.4	14.8	13.5	12.3
55°	23.4	22.8	22.7	22.4	22.0	20.7	19.3	18.0	17.0	16.2	14.8
52.5°	27.8	27.1	26.4	25.7	24.8	23.1	21.3	19.8	18.7	17.9	17.0
50°	33.9	32.7	31.3	29.9	28.2	26.1	24.1	22.0	20.7	19.7	18.7
47.5°	42.1	39.9	37.3	35.2	32.5	29.7	27.3	25.0	23.3	21.6	20.5
45°	47.9	46.9	45.6	42.1	37.9	34.5	31.0	28.4	26.0	24.0	22.3
42.5°	51.8	50.9	49.8	47.9	45.1	40.4	36.0	32.4	29.2	26.5	24.0
40°	55.0	54.1	52.9	51.2	49.1	46.5	42.0	37.0	33.0	29.4	25.7
37.5°	58.4	56.7	55.5	53.9	52.1	49.9	47.2	42.8	37.3	32.4	27.9
35°	63.2	60.7	58.8	56.7	54.6	52.5	50.2	47.4	42.4	35.8	30.3
32.5°	72.0	67.7	64.4	61.3	57.3	54.8	52.5	50.0	46.6	39.9	33.2
30°	61.0	69.1	70.7	66.7	60.8	56.8	54.5	51.9	48.7	44.1	36.2
27.5°	55.8	58.7	67.5	70.7	64.0	58.9	56.1	53.4	50.7	46.7	40.1
25°	56.9	56.0	58.6	66.9	68.7	61.2	58.1	55.0	51.9	49.0	44.7
22.5°	62.8	57.9	56.0	58.5	68.5	66.5	60.4	57.0	53.5	52.2	48.1
20°	78.2	63.6	57.7	56.9	62.3	71.9	63.3	59.8	57.6	55.5	51.5
17.5°	100.6	76.4	62.6	56.9	59.5	67.7	68.8	63.8	61.1	59.3	55.0
15°	118.1	94.7	71.0	61.3	58.5	63.9	73.2	68.2	64.3	63.0	58.3
12.5°	131.8	110.9	83.1	65.6	59.1	62.0	71.8	72.2	68.0	64.8	61.0
10°	144.4	122.3	95.5	72.1	62.8	61.7	69.7	75.2	71.0	66.4	63.1
7.5°	158.2	130.7	105.4	78.0	64.8	60.8	68.3	78.2	73.9	68.0	64.7
5°	168.4	136.6	112.3	81.7	65.0	59.7	67.0	81.2	76.6	69.7	65.9
2.5°	173.7	139.6	116.9	84.9	64.3	58.6	66.4	87.1	80.5	70.5	65.7
0°	176.2	140.6	115.6	83.9	62.7	57.8	66.8	95.4	84.9	71.0	65.4
-2.5°	173.7	139.6	116.9	84.9	64.3	58.6	66.4	87.1	80.5	70.5	65.7
-5°	168.4	136.6	112.3	81.7	65.0	59.7	67.0	81.2	76.6	69.7	65.9
-7.5°	158.2	130.7	105.4	78.0	64.8	60.8	68.3	78.2	73.9	68.0	64.7
-10°	144.4	122.3	95.5	72.1	62.8	61.7	69.7	75.2	71.0	66.4	63.1
-12.5°	131.8	110.9	83.1	65.6	59.1	62.0	71.8	72.2	68.0	64.8	61.0
-15°	118.1	94.7	71.0	61.3	58.5	63.9	73.2	68.2	64.3	63.0	58.3
-17.5°	100.6	76.4	62.6	56.9	59.5	67.7	68.8	63.8	61.1	59.3	55.0
-20°	78.2	63.6	57.7	56.9	62.3	71.9	63.3	59.8	57.6	55.5	51.5



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	62.8	57.9	56.0	58.5	68.5	66.5	60.4	57.0	53.5	52.2	48.1
-25°	56.9	56.0	58.6	66.9	68.7	61.2	58.1	55.0	51.9	49.0	44.7
-27.5°	55.8	58.7	67.5	70.7	64.0	58.9	56.1	53.4	50.7	46.7	40.1
-30°	61.0	69.1	70.7	66.7	60.8	56.8	54.5	51.9	48.7	44.1	36.2
-32.5°	72.0	67.7	64.4	61.3	57.3	54.8	52.5	50.0	46.6	39.9	33.2
-35°	63.2	60.7	58.8	56.7	54.6	52.5	50.2	47.4	42.4	35.8	30.3
-37.5°	58.4	56.7	55.5	53.9	52.1	49.9	47.2	42.8	37.3	32.4	27.9
-40°	55.0	54.1	52.9	51.2	49.1	46.5	42.0	37.0	33.0	29.4	25.7
-42.5°	51.8	50.9	49.8	47.9	45.1	40.4	36.0	32.4	29.2	26.5	24.0
-45°	47.9	46.9	45.6	42.1	37.9	34.5	31.0	28.4	26.0	24.0	22.3
-47.5°	42.1	39.9	37.3	35.2	32.5	29.7	27.3	25.0	23.3	21.6	20.5
-50°	33.9	32.7	31.3	29.9	28.2	26.1	24.1	22.0	20.7	19.7	18.7
-52.5°	27.8	27.1	26.4	25.7	24.8	23.1	21.3	19.8	18.7	17.9	17.0
-55°	23.4	22.8	22.7	22.4	22.0	20.7	19.3	18.0	17.0	16.2	14.8
-57.5°	20.3	19.6	19.6	19.7	19.6	18.6	17.5	16.4	14.8	13.5	12.3
-60°	17.8	16.9	17.0	17.1	17.1	16.5	15.3	13.8	12.0	11.2	10.5
-62.5°	15.5	14.2	14.4	14.5	14.6	14.2	12.8	11.5	10.4	9.7	9.2
-65°	13.8	11.9	11.7	11.8	11.6	11.2	10.1	9.5	9.3	9.2	8.4
-67.5°	12.7	10.0	9.0	8.8	8.8	8.7	8.5	8.5	8.2	7.8	6.8
-70°	10.8	8.1	7.0	7.0	7.0	7.0	6.8	6.6	6.3	5.7	4.9
-72.5°	7.5	5.9	5.0	5.1	5.1	5.2	5.0	4.6	4.0	3.3	2.9
-75°	4.7	3.9	3.5	3.5	3.5	3.5	3.3	2.9	2.5	2.1	1.8
-77.5°	2.9	2.5	2.2	2.2	2.2	2.3	2.2	1.8	1.5	1.3	1.1
-80°	1.5	1.3	1.2	1.2	1.2	1.2	1.1	0.9	0.8	0.7	0.6
-82.5°	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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	0.2	0.2	0.3	0.3	0.2	0.2
85°	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.6	0.5	0.5	0.4
82.5°	0.2	0.3	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
80°	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	1.0	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	1.7	1.6	1.5	1.3	1.0	0.7	0.7	0.7	0.8	0.7	0.7
72.5°	2.8	2.7	2.5	2.1	1.7	1.3	1.0	0.8	0.9	0.8	0.7
70°	4.3	3.9	3.7	3.1	2.5	2.0	1.6	1.2	1.0	1.0	0.9
67.5°	6.0	5.2	4.7	4.0	3.2	2.6	2.2	1.7	1.4	1.2	1.1
65°	7.2	6.3	5.5	4.7	3.9	3.0	2.5	2.2	1.8	1.5	1.3
62.5°	8.4	7.2	6.3	5.4	4.5	3.6	2.8	2.6	2.2	1.8	1.5
60°	9.5	8.5	7.1	6.2	5.2	4.1	3.4	3.1	2.7	2.0	1.7
57.5°	11.3	10.0	8.5	7.1	6.0	4.8	4.1	3.7	3.2	2.5	1.9
55°	13.4	11.9	9.9	8.3	6.9	5.6	4.9	4.4	3.8	3.1	2.1
52.5°	15.6	13.6	11.5	9.5	7.8	6.6	6.0	5.1	4.5	3.7	2.7
50°	17.5	15.3	12.9	10.8	8.8	7.9	7.2	6.2	5.2	4.3	3.3
47.5°	18.8	16.6	14.3	11.9	9.8	9.3	8.5	7.3	5.9	4.9	3.9
45°	20.1	17.8	15.4	13.0	11.3	10.8	10.1	8.5	6.9	5.6	4.5
42.5°	21.3	18.9	16.4	14.0	12.8	12.1	11.7	10.0	8.0	6.3	5.1
40°	22.7	19.9	17.4	15.3	14.2	13.4	13.0	11.6	9.1	7.2	5.8
37.5°	24.0	21.0	18.3	16.7	15.4	14.6	14.0	13.3	10.5	8.3	6.4
35°	25.9	22.2	19.7	17.9	16.6	15.6	15.0	14.8	12.1	9.4	7.1
32.5°	27.7	23.8	21.3	19.2	17.6	16.6	15.9	16.1	13.8	10.5	7.8
30°	30.3	26.2	22.9	20.5	18.5	17.4	17.3	17.9	15.5	11.6	8.5
27.5°	33.6	28.7	24.6	21.8	19.6	18.2	19.4	20.1	17.2	12.8	9.4
25°	37.1	31.5	26.8	23.1	20.6	20.3	21.4	22.7	18.9	14.2	10.3
22.5°	41.2	34.3	29.0	24.4	23.0	22.2	23.4	24.6	20.9	15.5	11.1
20°	44.9	37.0	31.4	27.4	25.5	24.4	25.3	26.5	23.2	16.8	12.0
17.5°	48.2	40.4	35.0	30.7	28.0	26.6	27.0	28.4	25.5	18.1	12.8
15°	52.0	44.7	38.5	33.9	30.6	28.7	28.7	30.3	28.0	19.4	13.4
12.5°	55.6	48.7	41.8	36.9	33.2	30.7	30.4	32.2	30.6	20.2	13.7
10°	58.6	52.3	44.8	39.6	35.7	32.8	32.0	33.3	31.6	20.7	14.0
7.5°	61.1	55.7	47.7	42.3	37.7	33.8	32.1	33.2	32.2	21.1	14.3
5°	62.9	57.6	49.1	42.9	37.8	33.7	32.0	33.0	32.6	21.4	14.5
2.5°	62.5	57.5	49.7	43.1	37.8	33.6	32.0	32.9	32.7	21.5	14.6
0°	62.0	57.1	50.1	43.2	37.6	33.4	32.0	32.7	32.7	21.6	14.6
-2.5°	62.5	57.5	49.7	43.1	37.8	33.6	32.0	32.9	32.7	21.5	14.6
-5°	62.9	57.6	49.1	42.9	37.8	33.7	32.0	33.0	32.6	21.4	14.5
-7.5°	61.1	55.7	47.7	42.3	37.7	33.8	32.1	33.2	32.2	21.1	14.3
-10°	58.6	52.3	44.8	39.6	35.7	32.8	32.0	33.3	31.6	20.7	14.0
-12.5°	55.6	48.7	41.8	36.9	33.2	30.7	30.4	32.2	30.6	20.2	13.7
-15°	52.0	44.7	38.5	33.9	30.6	28.7	28.7	30.3	28.0	19.4	13.4
-17.5°	48.2	40.4	35.0	30.7	28.0	26.6	27.0	28.4	25.5	18.1	12.8
-20°	44.9	37.0	31.4	27.4	25.5	24.4	25.3	26.5	23.2	16.8	12.0



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	41.2	34.3	29.0	24.4	23.0	22.2	23.4	24.6	20.9	15.5	11.1
-25°	37.1	31.5	26.8	23.1	20.6	20.3	21.4	22.7	18.9	14.2	10.3
-27.5°	33.6	28.7	24.6	21.8	19.6	18.2	19.4	20.1	17.2	12.8	9.4
-30°	30.3	26.2	22.9	20.5	18.5	17.4	17.3	17.9	15.5	11.6	8.5
-32.5°	27.7	23.8	21.3	19.2	17.6	16.6	15.9	16.1	13.8	10.5	7.8
-35°	25.9	22.2	19.7	17.9	16.6	15.6	15.0	14.8	12.1	9.4	7.1
-37.5°	24.0	21.0	18.3	16.7	15.4	14.6	14.0	13.3	10.5	8.3	6.4
-40°	22.7	19.9	17.4	15.3	14.2	13.4	13.0	11.6	9.1	7.2	5.8
-42.5°	21.3	18.9	16.4	14.0	12.8	12.1	11.7	10.0	8.0	6.3	5.1
-45°	20.1	17.8	15.4	13.0	11.3	10.8	10.1	8.5	6.9	5.6	4.5
-47.5°	18.8	16.6	14.3	11.9	9.8	9.3	8.5	7.3	5.9	4.9	3.9
-50°	17.5	15.3	12.9	10.8	8.8	7.9	7.2	6.2	5.2	4.3	3.3
-52.5°	15.6	13.6	11.5	9.5	7.8	6.6	6.0	5.1	4.5	3.7	2.7
-55°	13.4	11.9	9.9	8.3	6.9	5.6	4.9	4.4	3.8	3.1	2.1
-57.5°	11.3	10.0	8.5	7.1	6.0	4.8	4.1	3.7	3.2	2.5	1.9
-60°	9.5	8.5	7.1	6.2	5.2	4.1	3.4	3.1	2.7	2.0	1.7
-62.5°	8.4	7.2	6.3	5.4	4.5	3.6	2.8	2.6	2.2	1.8	1.5
-65°	7.2	6.3	5.5	4.7	3.9	3.0	2.5	2.2	1.8	1.5	1.3
-67.5°	6.0	5.2	4.7	4.0	3.2	2.6	2.2	1.7	1.4	1.2	1.1
-70°	4.3	3.9	3.7	3.1	2.5	2.0	1.6	1.2	1.0	1.0	0.9
-72.5°	2.8	2.7	2.5	2.1	1.7	1.3	1.0	0.8	0.9	0.8	0.7
-75°	1.7	1.6	1.5	1.3	1.0	0.7	0.7	0.7	0.8	0.7	0.7
-77.5°	1.0	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-80°	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-82.5°	0.2	0.3	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
-85°	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.6	0.5	0.5	0.4
-87.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.2	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: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.2	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°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
67.5°	0.9	0.7	0.7	0.7	0.5	0.3	0.0
65°	1.1	0.8	0.7	0.7	0.6	0.3	0.0
62.5°	1.2	0.9	0.7	0.7	0.6	0.3	0.0
60°	1.4	1.0	0.7	0.7	0.7	0.3	0.0
57.5°	1.6	1.2	0.8	0.7	0.7	0.4	0.0
55°	1.8	1.3	0.9	0.7	0.7	0.4	0.0
52.5°	2.0	1.4	1.0	0.7	0.7	0.4	0.0
50°	2.2	1.6	1.1	0.7	0.7	0.4	0.0
47.5°	2.4	1.8	1.2	0.7	0.7	0.5	0.0
45°	3.0	2.0	1.3	0.8	0.7	0.5	0.0
42.5°	3.5	2.2	1.4	0.8	0.7	0.5	0.0
40°	4.1	2.4	1.5	0.9	0.7	0.5	0.0
37.5°	4.6	2.6	1.6	1.0	0.7	0.6	0.0
35°	5.2	2.9	1.8	1.0	0.7	0.6	0.0
32.5°	5.8	3.3	1.9	1.1	0.7	0.6	0.0
30°	6.3	3.8	2.0	1.1	0.7	0.6	0.0
27.5°	6.8	4.2	2.1	1.2	0.7	0.6	0.0
25°	7.4	4.6	2.2	1.2	0.7	0.6	0.0
22.5°	7.9	4.9	2.3	1.2	0.7	0.6	0.0
20°	8.4	5.0	2.3	1.3	0.7	0.7	0.0
17.5°	8.7	5.1	2.3	1.3	0.7	0.7	0.0
15°	8.8	5.1	2.3	1.3	0.7	0.7	0.0
12.5°	8.9	5.0	2.3	1.3	0.7	0.7	0.0
10°	9.0	4.9	2.3	1.4	0.7	0.7	0.0
7.5°	9.1	4.8	2.3	1.4	0.7	0.7	0.0
5°	9.2	4.6	2.2	1.4	0.7	0.7	0.0
2.5°	9.2	4.4	2.2	1.4	0.7	0.7	0.0
0°	9.1	4.2	2.1	1.4	0.7	0.7	0.0
-2.5°	9.2	4.4	2.2	1.4	0.7	0.7	0.0
-5°	9.2	4.6	2.2	1.4	0.7	0.7	0.0
-7.5°	9.1	4.8	2.3	1.4	0.7	0.7	0.0
-10°	9.0	4.9	2.3	1.4	0.7	0.7	0.0
-12.5°	8.9	5.0	2.3	1.3	0.7	0.7	0.0
-15°	8.8	5.1	2.3	1.3	0.7	0.7	0.0
-17.5°	8.7	5.1	2.3	1.3	0.7	0.7	0.0
-20°	8.4	5.0	2.3	1.3	0.7	0.7	0.0



REPORT NUMBER: P561377 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.9	4.9	2.3	1.2	0.7	0.6	0.0
-25°	7.4	4.6	2.2	1.2	0.7	0.6	0.0
-27.5°	6.8	4.2	2.1	1.2	0.7	0.6	0.0
-30°	6.3	3.8	2.0	1.1	0.7	0.6	0.0
-32.5°	5.8	3.3	1.9	1.1	0.7	0.6	0.0
-35°	5.2	2.9	1.8	1.0	0.7	0.6	0.0
-37.5°	4.6	2.6	1.6	1.0	0.7	0.6	0.0
-40°	4.1	2.4	1.5	0.9	0.7	0.5	0.0
-42.5°	3.5	2.2	1.4	0.8	0.7	0.5	0.0
-45°	3.0	2.0	1.3	0.8	0.7	0.5	0.0
-47.5°	2.4	1.8	1.2	0.7	0.7	0.5	0.0
-50°	2.2	1.6	1.1	0.7	0.7	0.4	0.0
-52.5°	2.0	1.4	1.0	0.7	0.7	0.4	0.0
-55°	1.8	1.3	0.9	0.7	0.7	0.4	0.0
-57.5°	1.6	1.2	0.8	0.7	0.7	0.4	0.0
-60°	1.4	1.0	0.7	0.7	0.7	0.3	0.0
-62.5°	1.2	0.9	0.7	0.7	0.6	0.3	0.0
-65°	1.1	0.8	0.7	0.7	0.6	0.3	0.0
-67.5°	0.9	0.7	0.7	0.7	0.5	0.3	0.0
-70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
-72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
-75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
-77.5°	0.7	0.7	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)