

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: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-3)
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-NR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

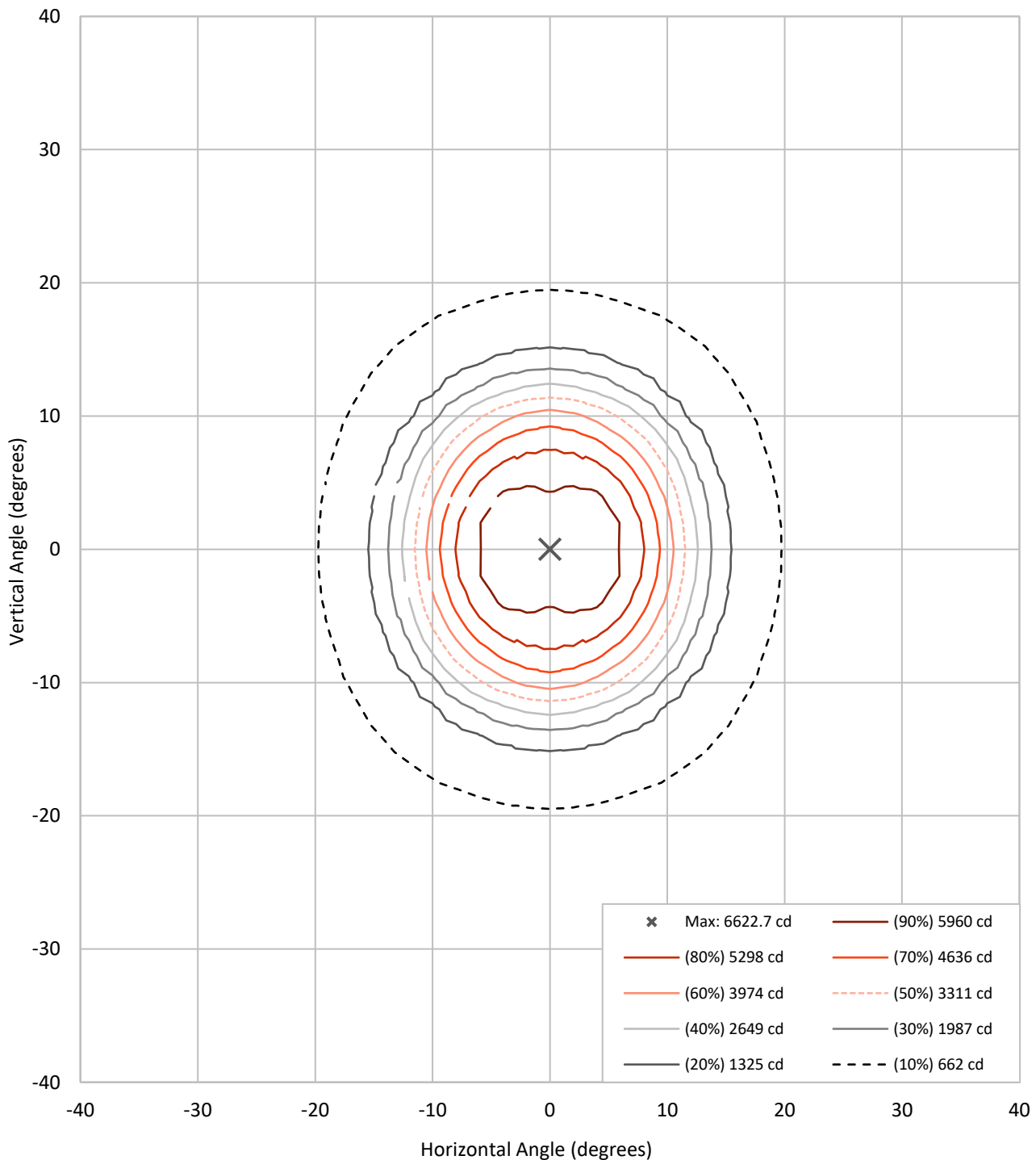
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1206.6 lumens	Max Intensity:	6622.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	23°H x 22.8°V	Field Angle (10%):	39.5°H x 39°V
Beam Lumens:	647.7 lumens	Field Lumens:	985.4 lumens
Beam Efficiency:	53.7%	Field Efficiency:	81.7%

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: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





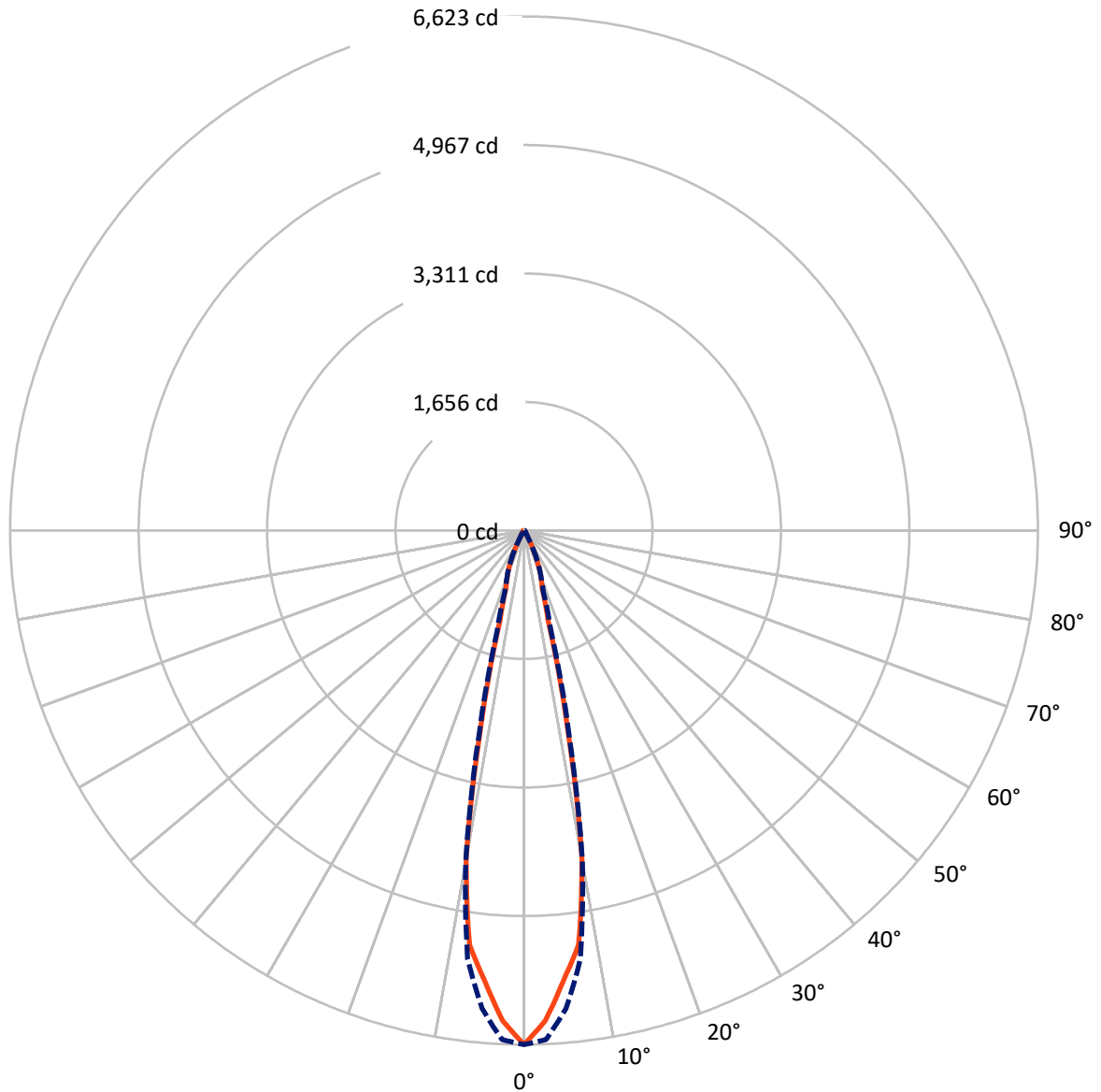
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Lumen Table

90																			
80	0.0	0.1		0.2		0.4		0.4		0.4		0.2		0.1		0.0			
70																			
60	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0			
50		0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1				
40	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1			
30		0.1	0.2	0.3	0.4	0.6	0.9	1.3	1.3	0.9	0.6	0.4	0.3	0.2	0.1				
20	0.1	0.1	0.2	0.3	0.5	1.3	4.6	9.2	9.2	4.6	1.3	0.5	0.3	0.2	0.1	0.1			
10		0.1	0.2	0.4	0.8	4.4	17.6	42.7	42.7	17.6	4.4	0.8	0.4	0.2	0.1				
0	0.1	0.1	0.2	0.4	1.1	8.7	43.4	154.5	154.5	43.4	8.7	1.1	0.4	0.2	0.1	0.1			
-10		0.1	0.2	0.4	1.1	8.7	43.4	154.5	154.5	43.4	8.7	1.1	0.4	0.2	0.1				
-20	0.1	0.1	0.2	0.4	0.8	4.4	17.6	42.7	42.7	17.6	4.4	0.8	0.4	0.2	0.1	0.1			
-30		0.1	0.2	0.3	0.5	1.3	4.6	9.2	9.2	4.6	1.3	0.5	0.3	0.2	0.1				
-40	0.1	0.1	0.2	0.3	0.4	0.6	0.9	1.3	1.3	0.9	0.6	0.4	0.3	0.2	0.1	0.1			
-50		0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1				
-60	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0			
-70		0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0				
-80	0.0	0.1		0.2		0.4		0.4		0.4		0.2		0.1		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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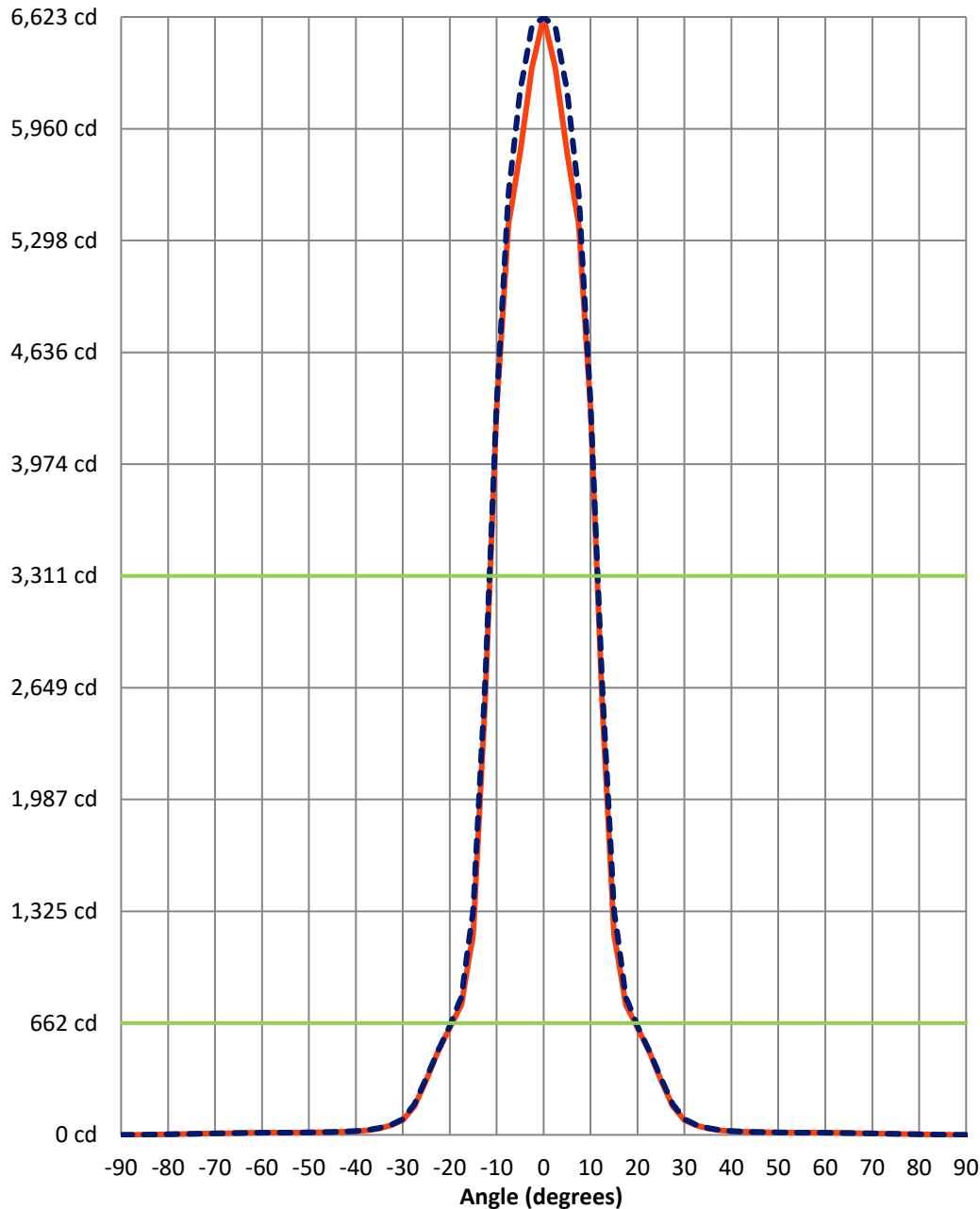
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 23°
V Angle: 22.8°
Lumens: 647.7
Efficiency: 53.7%

Field:
H Angle: 39.5°
V Angle: 39°
Lumens: 985.4
Efficiency: 81.7%

Spill:
Lumens: 221.2
Efficiency: 18.3%

— 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	0.5	0.6
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.8	0.9
77.5°	0.0	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.9	1.0	1.2
75°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.4	1.7
72.5°	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.8	2.1
70°	0.0	0.1	0.3	0.4	0.7	0.9	1.1	1.5	1.9	2.2	2.6
67.5°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.6	3.1
65°	0.0	0.2	0.3	0.6	0.9	1.2	1.7	2.1	2.6	3.1	3.5
62.5°	0.0	0.2	0.4	0.7	1.0	1.4	1.9	2.4	3.0	3.5	4.0
60°	0.0	0.2	0.4	0.7	1.1	1.6	2.2	2.8	3.3	3.9	4.4
57.5°	0.0	0.2	0.5	0.8	1.3	1.8	2.4	3.1	3.7	4.2	4.8
55°	0.0	0.2	0.5	0.9	1.4	2.0	2.7	3.4	4.0	4.6	5.3
52.5°	0.0	0.2	0.6	1.0	1.6	2.2	3.0	3.6	4.3	5.0	5.7
50°	0.0	0.3	0.6	1.0	1.7	2.4	3.2	3.9	4.6	5.5	6.2
47.5°	0.0	0.3	0.6	1.1	1.9	2.6	3.4	4.2	5.0	5.9	6.6
45°	0.0	0.3	0.7	1.2	2.0	2.8	3.6	4.4	5.4	6.3	7.0
42.5°	0.0	0.3	0.7	1.3	2.1	3.0	3.8	4.7	5.8	6.6	7.5
40°	0.0	0.3	0.8	1.4	2.3	3.2	4.0	5.0	6.1	6.9	7.9
37.5°	0.0	0.3	0.8	1.5	2.4	3.3	4.2	5.3	6.3	7.2	8.4
35°	0.0	0.3	0.8	1.6	2.5	3.5	4.4	5.6	6.6	7.6	8.7
32.5°	0.0	0.3	0.9	1.7	2.6	3.6	4.6	5.8	6.8	7.9	9.0
30°	0.0	0.3	0.9	1.8	2.8	3.8	4.8	6.0	7.0	8.2	9.2
27.5°	0.0	0.4	0.9	1.8	2.9	3.9	5.0	6.2	7.2	8.5	9.5
25°	0.0	0.4	1.0	1.9	2.9	4.0	5.1	6.4	7.4	8.7	9.7
22.5°	0.0	0.4	1.0	1.9	3.0	4.1	5.3	6.5	7.7	8.9	10.0
20°	0.0	0.4	1.0	2.0	3.1	4.2	5.4	6.6	7.8	9.1	10.2
17.5°	0.0	0.4	1.0	2.0	3.2	4.3	5.6	6.7	8.0	9.2	10.3
15°	0.0	0.4	1.1	2.1	3.2	4.4	5.7	6.8	8.2	9.3	10.4
12.5°	0.0	0.4	1.1	2.1	3.3	4.5	5.8	6.9	8.3	9.5	10.5
10°	0.0	0.4	1.1	2.1	3.3	4.6	5.9	7.0	8.4	9.5	10.6
7.5°	0.0	0.4	1.1	2.2	3.4	4.6	5.9	7.0	8.5	9.6	10.7
5°	0.0	0.4	1.1	2.2	3.4	4.7	6.0	7.1	8.6	9.7	10.8
2.5°	0.0	0.4	1.1	2.2	3.4	4.8	6.0	7.1	8.6	9.7	10.8
0°	0.0	0.4	1.1	2.2	3.4	4.8	6.0	7.1	8.6	9.7	10.8
-2.5°	0.0	0.4	1.1	2.2	3.4	4.8	6.0	7.1	8.6	9.7	10.8
-5°	0.0	0.4	1.1	2.2	3.4	4.7	6.0	7.1	8.6	9.7	10.8
-7.5°	0.0	0.4	1.1	2.2	3.4	4.6	5.9	7.0	8.5	9.6	10.7
-10°	0.0	0.4	1.1	2.1	3.3	4.6	5.9	7.0	8.4	9.5	10.6
-12.5°	0.0	0.4	1.1	2.1	3.3	4.5	5.8	6.9	8.3	9.5	10.5
-15°	0.0	0.4	1.1	2.1	3.2	4.4	5.7	6.8	8.2	9.3	10.4
-17.5°	0.0	0.4	1.0	2.0	3.2	4.3	5.6	6.7	8.0	9.2	10.3
-20°	0.0	0.4	1.0	2.0	3.1	4.2	5.4	6.6	7.8	9.1	10.2



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-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	1.0	1.9	3.0	4.1	5.3	6.5	7.7	8.9	10.0
-25°	0.0	0.4	1.0	1.9	2.9	4.0	5.1	6.4	7.4	8.7	9.7
-27.5°	0.0	0.4	0.9	1.8	2.9	3.9	5.0	6.2	7.2	8.5	9.5
-30°	0.0	0.3	0.9	1.8	2.8	3.8	4.8	6.0	7.0	8.2	9.2
-32.5°	0.0	0.3	0.9	1.7	2.6	3.6	4.6	5.8	6.8	7.9	9.0
-35°	0.0	0.3	0.8	1.6	2.5	3.5	4.4	5.6	6.6	7.6	8.7
-37.5°	0.0	0.3	0.8	1.5	2.4	3.3	4.2	5.3	6.3	7.2	8.4
-40°	0.0	0.3	0.8	1.4	2.3	3.2	4.0	5.0	6.1	6.9	7.9
-42.5°	0.0	0.3	0.7	1.3	2.1	3.0	3.8	4.7	5.8	6.6	7.5
-45°	0.0	0.3	0.7	1.2	2.0	2.8	3.6	4.4	5.4	6.3	7.0
-47.5°	0.0	0.3	0.6	1.1	1.9	2.6	3.4	4.2	5.0	5.9	6.6
-50°	0.0	0.3	0.6	1.0	1.7	2.4	3.2	3.9	4.6	5.5	6.2
-52.5°	0.0	0.2	0.6	1.0	1.6	2.2	3.0	3.6	4.3	5.0	5.7
-55°	0.0	0.2	0.5	0.9	1.4	2.0	2.7	3.4	4.0	4.6	5.3
-57.5°	0.0	0.2	0.5	0.8	1.3	1.8	2.4	3.1	3.7	4.2	4.8
-60°	0.0	0.2	0.4	0.7	1.1	1.6	2.2	2.8	3.3	3.9	4.4
-62.5°	0.0	0.2	0.4	0.7	1.0	1.4	1.9	2.4	3.0	3.5	4.0
-65°	0.0	0.2	0.3	0.6	0.9	1.2	1.7	2.1	2.6	3.1	3.5
-67.5°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.6	3.1
-70°	0.0	0.1	0.3	0.4	0.7	0.9	1.1	1.5	1.9	2.2	2.6
-72.5°	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.8	2.1
-75°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.4	1.7
-77.5°	0.0	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.9	1.0	1.2
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.8	0.9
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
-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-NR-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	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8
82.5°	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5
80°	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3
75°	1.9	2.2	2.4	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2
72.5°	2.4	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.3
70°	3.0	3.3	3.7	4.0	4.3	4.6	5.0	5.4	5.8	6.1	6.3
67.5°	3.5	3.9	4.2	4.6	5.1	5.5	6.0	6.3	6.6	6.9	7.2
65°	4.0	4.4	4.8	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.4
62.5°	4.4	4.9	5.5	6.0	6.6	7.0	7.5	8.0	8.5	8.9	9.3
60°	4.9	5.4	6.1	6.7	7.2	7.8	8.4	8.9	9.3	9.7	10.1
57.5°	5.4	6.0	6.7	7.4	8.1	8.7	9.2	9.6	10.1	10.5	11.0
55°	5.9	6.6	7.4	8.1	8.8	9.3	9.8	10.3	10.8	11.3	11.7
52.5°	6.4	7.2	8.1	8.8	9.4	9.9	10.5	11.0	11.5	12.0	12.3
50°	7.0	7.8	8.7	9.3	9.9	10.5	11.1	11.7	12.2	12.5	12.8
47.5°	7.5	8.4	9.2	9.8	10.5	11.1	11.7	12.2	12.7	12.8	13.0
45°	8.0	8.9	9.6	10.3	11.0	11.7	12.2	12.7	12.9	13.0	13.3
42.5°	8.5	9.3	10.1	10.8	11.5	12.2	12.7	12.9	13.1	13.3	13.7
40°	8.9	9.7	10.6	11.3	12.0	12.5	12.9	13.1	13.3	13.7	14.2
37.5°	9.3	10.2	11.1	11.8	12.3	12.9	13.2	13.4	13.7	14.2	14.8
35°	9.6	10.6	11.5	12.2	12.7	13.2	13.5	13.7	14.2	14.8	15.5
32.5°	9.9	11.1	11.9	12.5	13.0	13.4	13.7	14.1	14.8	15.5	16.2
30°	10.3	11.4	12.3	12.8	13.2	13.6	14.0	14.6	15.4	16.1	16.8
27.5°	10.7	11.8	12.5	13.0	13.4	13.6	14.2	15.1	15.9	16.5	17.4
25°	11.0	12.0	12.8	13.2	13.4	13.7	14.4	15.5	16.2	17.0	18.4
22.5°	11.2	12.2	12.9	13.3	13.4	13.8	14.6	15.6	16.4	17.5	19.5
20°	11.3	12.3	13.1	13.4	13.4	13.8	14.8	15.7	16.8	18.3	20.5
17.5°	11.5	12.4	13.1	13.4	13.5	13.9	15.0	15.8	17.1	19.1	21.5
15°	11.6	12.6	13.2	13.4	13.6	14.1	15.1	16.0	17.5	19.7	22.5
12.5°	11.6	12.7	13.3	13.4	13.6	14.3	15.2	16.3	18.0	20.5	24.3
10°	11.7	12.8	13.3	13.4	13.7	14.4	15.4	16.6	18.4	21.1	26.0
7.5°	11.8	12.9	13.4	13.4	13.7	14.4	15.5	16.8	18.7	21.6	27.4
5°	11.9	12.9	13.4	13.4	13.8	14.4	15.6	17.0	18.8	22.1	28.5
2.5°	11.9	13.0	13.4	13.4	13.8	14.5	15.7	17.1	19.0	22.3	29.0
0°	11.9	13.0	13.4	13.4	13.8	14.5	15.7	17.1	19.0	22.4	28.7
-2.5°	11.9	13.0	13.4	13.4	13.8	14.5	15.7	17.1	19.0	22.3	29.0
-5°	11.9	12.9	13.4	13.4	13.8	14.4	15.6	17.0	18.8	22.1	28.5
-7.5°	11.8	12.9	13.4	13.4	13.7	14.4	15.5	16.8	18.7	21.6	27.4
-10°	11.7	12.8	13.3	13.4	13.7	14.4	15.4	16.6	18.4	21.1	26.0
-12.5°	11.6	12.7	13.3	13.4	13.6	14.3	15.2	16.3	18.0	20.5	24.3
-15°	11.6	12.6	13.2	13.4	13.6	14.1	15.1	16.0	17.5	19.7	22.5
-17.5°	11.5	12.4	13.1	13.4	13.5	13.9	15.0	15.8	17.1	19.1	21.5
-20°	11.3	12.3	13.1	13.4	13.4	13.8	14.8	15.7	16.8	18.3	20.5



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	11.2	12.2	12.9	13.3	13.4	13.8	14.6	15.6	16.4	17.5	19.5
-25°	11.0	12.0	12.8	13.2	13.4	13.7	14.4	15.5	16.2	17.0	18.4
-27.5°	10.7	11.8	12.5	13.0	13.4	13.6	14.2	15.1	15.9	16.5	17.4
-30°	10.3	11.4	12.3	12.8	13.2	13.6	14.0	14.6	15.4	16.1	16.8
-32.5°	9.9	11.1	11.9	12.5	13.0	13.4	13.7	14.1	14.8	15.5	16.2
-35°	9.6	10.6	11.5	12.2	12.7	13.2	13.5	13.7	14.2	14.8	15.5
-37.5°	9.3	10.2	11.1	11.8	12.3	12.9	13.2	13.4	13.7	14.2	14.8
-40°	8.9	9.7	10.6	11.3	12.0	12.5	12.9	13.1	13.3	13.7	14.2
-42.5°	8.5	9.3	10.1	10.8	11.5	12.2	12.7	12.9	13.1	13.3	13.7
-45°	8.0	8.9	9.6	10.3	11.0	11.7	12.2	12.7	12.9	13.0	13.3
-47.5°	7.5	8.4	9.2	9.8	10.5	11.1	11.7	12.2	12.7	12.8	13.0
-50°	7.0	7.8	8.7	9.3	9.9	10.5	11.1	11.7	12.2	12.5	12.8
-52.5°	6.4	7.2	8.1	8.8	9.4	9.9	10.5	11.0	11.5	12.0	12.3
-55°	5.9	6.6	7.4	8.1	8.8	9.3	9.8	10.3	10.8	11.3	11.7
-57.5°	5.4	6.0	6.7	7.4	8.1	8.7	9.2	9.6	10.1	10.5	11.0
-60°	4.9	5.4	6.1	6.7	7.2	7.8	8.4	8.9	9.3	9.7	10.1
-62.5°	4.4	4.9	5.5	6.0	6.6	7.0	7.5	8.0	8.5	8.9	9.3
-65°	4.0	4.4	4.8	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.4
-67.5°	3.5	3.9	4.2	4.6	5.1	5.5	6.0	6.3	6.6	6.9	7.2
-70°	3.0	3.3	3.7	4.0	4.3	4.6	5.0	5.4	5.8	6.1	6.3
-72.5°	2.4	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.3
-75°	1.9	2.2	2.4	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3
-80°	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4
-82.5°	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5
-85°	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8
-87.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	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



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1
82.5°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1
80°	2.5	2.6	2.8	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.3
77.5°	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5
75°	4.4	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9
72.5°	5.6	5.8	6.0	6.2	6.4	6.5	6.6	6.7	6.8	7.0	7.1
70°	6.6	6.8	7.0	7.2	7.4	7.7	7.8	8.0	8.2	8.3	8.4
67.5°	7.6	7.9	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.7	9.7
65°	8.7	9.0	9.2	9.5	9.7	10.0	10.3	10.6	10.8	10.9	11.0
62.5°	9.6	9.9	10.3	10.7	11.0	11.3	11.4	11.6	11.8	12.0	12.1
60°	10.6	11.1	11.4	11.6	11.7	11.9	12.1	12.3	12.5	12.6	12.8
57.5°	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.8	12.9	12.9	13.1
55°	12.1	12.4	12.6	12.8	12.9	12.9	13.0	13.1	13.2	13.2	13.2
52.5°	12.7	12.8	12.9	13.0	13.2	13.3	13.4	13.6	13.7	13.7	13.6
50°	12.9	13.1	13.2	13.4	13.6	14.0	14.3	14.4	14.4	14.3	14.3
47.5°	13.2	13.4	13.7	14.0	14.4	14.8	15.3	15.5	15.4	15.3	15.3
45°	13.5	13.9	14.3	14.6	15.0	15.7	16.3	16.7	16.6	16.5	16.6
42.5°	14.1	14.5	14.8	15.4	16.1	16.7	17.1	17.4	17.7	18.1	18.5
40°	14.6	15.0	15.8	16.6	17.1	17.5	18.4	19.0	19.6	20.3	20.7
37.5°	15.3	16.1	16.9	17.6	18.4	19.4	20.4	21.2	22.0	23.5	24.5
35°	16.2	17.1	18.0	18.9	20.1	21.6	23.1	25.3	27.2	30.0	32.7
32.5°	17.0	18.0	19.1	20.6	22.4	25.2	28.1	32.3	36.7	41.6	46.8
30°	17.7	19.2	20.9	23.1	26.3	30.7	36.0	43.2	51.2	59.3	69.7
27.5°	19.0	20.7	22.9	26.8	32.2	38.5	48.9	60.4	76.1	89.2	112.1
25°	20.3	22.2	26.4	32.4	40.1	51.7	69.1	88.8	121.7	163.5	209.4
22.5°	21.6	25.3	31.1	39.0	52.1	72.3	99.3	148.4	210.9	284.2	356.5
20°	23.2	28.4	37.0	49.6	69.6	99.3	158.3	243.9	340.3	437.3	515.5
17.5°	25.9	33.4	44.5	61.0	89.4	147.7	242.7	363.6	479.2	578.5	647.1
15°	28.2	38.1	52.5	77.0	123.3	213.8	338.6	475.4	597.7	694.6	777.0
12.5°	31.5	43.5	61.4	91.6	168.2	292.4	436.7	573.6	694.8	833.6	1056.1
10°	34.9	49.4	73.2	117.2	219.4	366.6	516.5	649.7	789.1	1077.5	1771.2
7.5°	37.7	53.9	82.4	143.0	268.4	424.6	574.3	708.4	928.7	1571.5	2786.7
5°	40.0	57.1	88.7	164.1	307.0	466.7	614.5	759.6	1104.9	2145.5	3627.3
2.5°	41.1	59.0	92.6	181.4	333.1	492.1	638.5	800.4	1276.5	2521.4	4145.5
0°	41.0	59.6	93.5	183.0	336.1	497.9	644.7	819.9	1337.9	2657.8	4330.8
-2.5°	41.1	59.0	92.6	181.4	333.1	492.1	638.5	800.4	1276.5	2521.4	4145.5
-5°	40.0	57.1	88.7	164.1	307.0	466.7	614.5	759.6	1104.9	2145.5	3627.3
-7.5°	37.7	53.9	82.4	143.0	268.4	424.6	574.3	708.4	928.7	1571.5	2786.7
-10°	34.9	49.4	73.2	117.2	219.4	366.6	516.5	649.7	789.1	1077.5	1771.2
-12.5°	31.5	43.5	61.4	91.6	168.2	292.4	436.7	573.6	694.8	833.6	1056.1
-15°	28.2	38.1	52.5	77.0	123.3	213.8	338.6	475.4	597.7	694.6	777.0
-17.5°	25.9	33.4	44.5	61.0	89.4	147.7	242.7	363.6	479.2	578.5	647.1
-20°	23.2	28.4	37.0	49.6	69.6	99.3	158.3	243.9	340.3	437.3	515.5



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	21.6	25.3	31.1	39.0	52.1	72.3	99.3	148.4	210.9	284.2	356.5
-25°	20.3	22.2	26.4	32.4	40.1	51.7	69.1	88.8	121.7	163.5	209.4
-27.5°	19.0	20.7	22.9	26.8	32.2	38.5	48.9	60.4	76.1	89.2	112.1
-30°	17.7	19.2	20.9	23.1	26.3	30.7	36.0	43.2	51.2	59.3	69.7
-32.5°	17.0	18.0	19.1	20.6	22.4	25.2	28.1	32.3	36.7	41.6	46.8
-35°	16.2	17.1	18.0	18.9	20.1	21.6	23.1	25.3	27.2	30.0	32.7
-37.5°	15.3	16.1	16.9	17.6	18.4	19.4	20.4	21.2	22.0	23.5	24.5
-40°	14.6	15.0	15.8	16.6	17.1	17.5	18.4	19.0	19.6	20.3	20.7
-42.5°	14.1	14.5	14.8	15.4	16.1	16.7	17.1	17.4	17.7	18.1	18.5
-45°	13.5	13.9	14.3	14.6	15.0	15.7	16.3	16.7	16.6	16.5	16.6
-47.5°	13.2	13.4	13.7	14.0	14.4	14.8	15.3	15.5	15.4	15.3	15.3
-50°	12.9	13.1	13.2	13.4	13.6	14.0	14.3	14.4	14.4	14.3	14.3
-52.5°	12.7	12.8	12.9	13.0	13.2	13.3	13.4	13.6	13.7	13.7	13.6
-55°	12.1	12.4	12.6	12.8	12.9	12.9	13.0	13.1	13.2	13.2	13.2
-57.5°	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.8	12.9	12.9	13.1
-60°	10.6	11.1	11.4	11.6	11.7	11.9	12.1	12.3	12.5	12.6	12.8
-62.5°	9.6	9.9	10.3	10.7	11.0	11.3	11.4	11.6	11.8	12.0	12.1
-65°	8.7	9.0	9.2	9.5	9.7	10.0	10.3	10.6	10.8	10.9	11.0
-67.5°	7.6	7.9	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.7	9.7
-70°	6.6	6.8	7.0	7.2	7.4	7.7	7.8	8.0	8.2	8.3	8.4
-72.5°	5.6	5.8	6.0	6.2	6.4	6.5	6.6	6.7	6.8	7.0	7.1
-75°	4.4	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.8	5.9
-77.5°	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5
-80°	2.5	2.6	2.8	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.3
-82.5°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1
-85°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2
77.5°	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.5	4.4	4.3	4.2
75°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
72.5°	7.3	7.4	7.5	7.5	7.5	7.4	7.3	7.1	7.0	6.8	6.7
70°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.0
67.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.4
65°	11.1	11.1	11.2	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.6
62.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.8	11.6
60°	13.0	13.3	13.4	13.4	13.4	13.3	13.0	12.8	12.6	12.5	12.3
57.5°	13.2	13.4	13.4	13.4	13.4	13.4	13.2	13.1	12.9	12.9	12.8
55°	13.2	13.1	13.0	13.0	13.0	13.1	13.2	13.2	13.2	13.2	13.1
52.5°	13.5	13.4	13.4	13.4	13.4	13.4	13.5	13.6	13.7	13.7	13.6
50°	14.4	14.4	14.5	14.5	14.5	14.4	14.4	14.3	14.3	14.4	14.4
47.5°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.3	15.3	15.4	15.5
45°	16.8	17.0	17.1	17.1	17.1	17.0	16.8	16.6	16.5	16.6	16.7
42.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.5	18.1	17.7	17.4
40°	21.2	21.6	21.9	22.0	21.9	21.6	21.2	20.7	20.3	19.6	19.0
37.5°	25.6	26.5	27.0	26.8	27.0	26.5	25.6	24.5	23.5	22.0	21.2
35°	34.9	36.4	37.3	37.6	37.3	36.4	34.9	32.7	30.0	27.2	25.3
32.5°	51.2	54.2	56.0	56.6	56.0	54.2	51.2	46.8	41.6	36.7	32.3
30°	77.5	82.5	85.0	86.8	85.0	82.5	77.5	69.7	59.3	51.2	43.2
27.5°	134.7	152.9	166.9	170.1	166.9	152.9	134.7	112.1	89.2	76.1	60.4
25°	254.9	292.6	313.4	323.8	313.4	292.6	254.9	209.4	163.5	121.7	88.8
22.5°	418.9	462.3	484.1	493.6	484.1	462.3	418.9	356.5	284.2	210.9	148.4
20°	572.1	609.0	627.3	633.5	627.3	609.0	572.1	515.5	437.3	340.3	243.9
17.5°	695.2	730.9	761.0	772.6	761.0	730.9	695.2	647.1	578.5	479.2	363.6
15°	887.0	1022.1	1145.4	1192.9	1145.4	1022.1	887.0	777.0	694.6	597.7	475.4
12.5°	1488.2	2004.7	2412.5	2544.0	2412.5	2004.7	1488.2	1056.1	833.6	694.8	573.6
10°	2750.5	3545.8	4096.1	4299.1	4096.1	3545.8	2750.5	1771.2	1077.5	789.1	649.7
7.5°	3984.1	4801.0	5287.6	5385.8	5287.6	4801.0	3984.1	2786.7	1571.5	928.7	708.4
5°	4842.0	5790.4	5938.7	5820.3	5938.7	5790.4	4842.0	3627.3	2145.5	1104.9	759.6
2.5°	5450.5	6275.0	6495.1	6319.0	6495.1	6275.0	5450.5	4145.5	2521.4	1276.5	800.4
0°	5568.4	6182.5	6562.6	6622.7	6562.6	6182.5	5568.4	4330.8	2657.8	1337.9	819.9
-2.5°	5450.5	6275.0	6495.1	6319.0	6495.1	6275.0	5450.5	4145.5	2521.4	1276.5	800.4
-5°	4842.0	5790.4	5938.7	5820.3	5938.7	5790.4	4842.0	3627.3	2145.5	1104.9	759.6
-7.5°	3984.1	4801.0	5287.6	5385.8	5287.6	4801.0	3984.1	2786.7	1571.5	928.7	708.4
-10°	2750.5	3545.8	4096.1	4299.1	4096.1	3545.8	2750.5	1771.2	1077.5	789.1	649.7
-12.5°	1488.2	2004.7	2412.5	2544.0	2412.5	2004.7	1488.2	1056.1	833.6	694.8	573.6
-15°	887.0	1022.1	1145.4	1192.9	1145.4	1022.1	887.0	777.0	694.6	597.7	475.4
-17.5°	695.2	730.9	761.0	772.6	761.0	730.9	695.2	647.1	578.5	479.2	363.6
-20°	572.1	609.0	627.3	633.5	627.3	609.0	572.1	515.5	437.3	340.3	243.9



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	418.9	462.3	484.1	493.6	484.1	462.3	418.9	356.5	284.2	210.9	148.4
-25°	254.9	292.6	313.4	323.8	313.4	292.6	254.9	209.4	163.5	121.7	88.8
-27.5°	134.7	152.9	166.9	170.1	166.9	152.9	134.7	112.1	89.2	76.1	60.4
-30°	77.5	82.5	85.0	86.8	85.0	82.5	77.5	69.7	59.3	51.2	43.2
-32.5°	51.2	54.2	56.0	56.6	56.0	54.2	51.2	46.8	41.6	36.7	32.3
-35°	34.9	36.4	37.3	37.6	37.3	36.4	34.9	32.7	30.0	27.2	25.3
-37.5°	25.6	26.5	27.0	26.8	27.0	26.5	25.6	24.5	23.5	22.0	21.2
-40°	21.2	21.6	21.9	22.0	21.9	21.6	21.2	20.7	20.3	19.6	19.0
-42.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.5	18.1	17.7	17.4
-45°	16.8	17.0	17.1	17.1	17.1	17.0	16.8	16.6	16.5	16.6	16.7
-47.5°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.3	15.3	15.4	15.5
-50°	14.4	14.4	14.5	14.5	14.5	14.4	14.4	14.3	14.3	14.4	14.4
-52.5°	13.5	13.4	13.4	13.4	13.4	13.4	13.5	13.6	13.7	13.7	13.6
-55°	13.2	13.1	13.0	13.0	13.0	13.1	13.2	13.2	13.2	13.2	13.1
-57.5°	13.2	13.4	13.4	13.4	13.4	13.4	13.2	13.1	12.9	12.9	12.8
-60°	13.0	13.3	13.4	13.4	13.4	13.3	13.0	12.8	12.6	12.5	12.3
-62.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.8	11.6
-65°	11.1	11.1	11.2	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.6
-67.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.4
-70°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.0
-72.5°	7.3	7.4	7.5	7.5	7.5	7.4	7.3	7.1	7.0	6.8	6.7
-75°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-77.5°	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.5	4.4	4.3	4.2
-80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2
-82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7
82.5°	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
80°	3.1	3.0	2.9	2.9	2.8	2.6	2.5	2.4	2.3	2.1	2.0
77.5°	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.8
75°	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
72.5°	6.6	6.5	6.4	6.2	6.0	5.8	5.6	5.3	5.0	4.7	4.4
70°	7.8	7.7	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.4
67.5°	9.1	8.9	8.7	8.5	8.2	7.9	7.6	7.2	6.9	6.6	6.3
65°	10.3	10.0	9.7	9.5	9.2	9.0	8.7	8.4	7.9	7.5	7.1
62.5°	11.4	11.3	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5	8.0
60°	12.1	11.9	11.7	11.6	11.4	11.1	10.6	10.1	9.7	9.3	8.9
57.5°	12.7	12.6	12.4	12.2	12.0	11.7	11.4	11.0	10.5	10.1	9.6
55°	13.0	12.9	12.9	12.8	12.6	12.4	12.1	11.7	11.3	10.8	10.3
52.5°	13.4	13.3	13.2	13.0	12.9	12.8	12.7	12.3	12.0	11.5	11.0
50°	14.3	14.0	13.6	13.4	13.2	13.1	12.9	12.8	12.5	12.2	11.7
47.5°	15.3	14.8	14.4	14.0	13.7	13.4	13.2	13.0	12.8	12.7	12.2
45°	16.3	15.7	15.0	14.6	14.3	13.9	13.5	13.3	13.0	12.9	12.7
42.5°	17.1	16.7	16.1	15.4	14.8	14.5	14.1	13.7	13.3	13.1	12.9
40°	18.4	17.5	17.1	16.6	15.8	15.0	14.6	14.2	13.7	13.3	13.1
37.5°	20.4	19.4	18.4	17.6	16.9	16.1	15.3	14.8	14.2	13.7	13.4
35°	23.1	21.6	20.1	18.9	18.0	17.1	16.2	15.5	14.8	14.2	13.7
32.5°	28.1	25.2	22.4	20.6	19.1	18.0	17.0	16.2	15.5	14.8	14.1
30°	36.0	30.7	26.3	23.1	20.9	19.2	17.7	16.8	16.1	15.4	14.6
27.5°	48.9	38.5	32.2	26.8	22.9	20.7	19.0	17.4	16.5	15.9	15.1
25°	69.1	51.7	40.1	32.4	26.4	22.2	20.3	18.4	17.0	16.2	15.5
22.5°	99.3	72.3	52.1	39.0	31.1	25.3	21.6	19.5	17.5	16.4	15.6
20°	158.3	99.3	69.6	49.6	37.0	28.4	23.2	20.5	18.3	16.8	15.7
17.5°	242.7	147.7	89.4	61.0	44.5	33.4	25.9	21.5	19.1	17.1	15.8
15°	338.6	213.8	123.3	77.0	52.5	38.1	28.2	22.5	19.7	17.5	16.0
12.5°	436.7	292.4	168.2	91.6	61.4	43.5	31.5	24.3	20.5	18.0	16.3
10°	516.5	366.6	219.4	117.2	73.2	49.4	34.9	26.0	21.1	18.4	16.6
7.5°	574.3	424.6	268.4	143.0	82.4	53.9	37.7	27.4	21.6	18.7	16.8
5°	614.5	466.7	307.0	164.1	88.7	57.1	40.0	28.5	22.1	18.8	17.0
2.5°	638.5	492.1	333.1	181.4	92.6	59.0	41.1	29.0	22.3	19.0	17.1
0°	644.7	497.9	336.1	183.0	93.5	59.6	41.0	28.7	22.4	19.0	17.1
-2.5°	638.5	492.1	333.1	181.4	92.6	59.0	41.1	29.0	22.3	19.0	17.1
-5°	614.5	466.7	307.0	164.1	88.7	57.1	40.0	28.5	22.1	18.8	17.0
-7.5°	574.3	424.6	268.4	143.0	82.4	53.9	37.7	27.4	21.6	18.7	16.8
-10°	516.5	366.6	219.4	117.2	73.2	49.4	34.9	26.0	21.1	18.4	16.6
-12.5°	436.7	292.4	168.2	91.6	61.4	43.5	31.5	24.3	20.5	18.0	16.3
-15°	338.6	213.8	123.3	77.0	52.5	38.1	28.2	22.5	19.7	17.5	16.0
-17.5°	242.7	147.7	89.4	61.0	44.5	33.4	25.9	21.5	19.1	17.1	15.8
-20°	158.3	99.3	69.6	49.6	37.0	28.4	23.2	20.5	18.3	16.8	15.7



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	99.3	72.3	52.1	39.0	31.1	25.3	21.6	19.5	17.5	16.4	15.6
-25°	69.1	51.7	40.1	32.4	26.4	22.2	20.3	18.4	17.0	16.2	15.5
-27.5°	48.9	38.5	32.2	26.8	22.9	20.7	19.0	17.4	16.5	15.9	15.1
-30°	36.0	30.7	26.3	23.1	20.9	19.2	17.7	16.8	16.1	15.4	14.6
-32.5°	28.1	25.2	22.4	20.6	19.1	18.0	17.0	16.2	15.5	14.8	14.1
-35°	23.1	21.6	20.1	18.9	18.0	17.1	16.2	15.5	14.8	14.2	13.7
-37.5°	20.4	19.4	18.4	17.6	16.9	16.1	15.3	14.8	14.2	13.7	13.4
-40°	18.4	17.5	17.1	16.6	15.8	15.0	14.6	14.2	13.7	13.3	13.1
-42.5°	17.1	16.7	16.1	15.4	14.8	14.5	14.1	13.7	13.3	13.1	12.9
-45°	16.3	15.7	15.0	14.6	14.3	13.9	13.5	13.3	13.0	12.9	12.7
-47.5°	15.3	14.8	14.4	14.0	13.7	13.4	13.2	13.0	12.8	12.7	12.2
-50°	14.3	14.0	13.6	13.4	13.2	13.1	12.9	12.8	12.5	12.2	11.7
-52.5°	13.4	13.3	13.2	13.0	12.9	12.8	12.7	12.3	12.0	11.5	11.0
-55°	13.0	12.9	12.9	12.8	12.6	12.4	12.1	11.7	11.3	10.8	10.3
-57.5°	12.7	12.6	12.4	12.2	12.0	11.7	11.4	11.0	10.5	10.1	9.6
-60°	12.1	11.9	11.7	11.6	11.4	11.1	10.6	10.1	9.7	9.3	8.9
-62.5°	11.4	11.3	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5	8.0
-65°	10.3	10.0	9.7	9.5	9.2	9.0	8.7	8.4	7.9	7.5	7.1
-67.5°	9.1	8.9	8.7	8.5	8.2	7.9	7.6	7.2	6.9	6.6	6.3
-70°	7.8	7.7	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.4
-72.5°	6.6	6.5	6.4	6.2	6.0	5.8	5.6	5.3	5.0	4.7	4.4
-75°	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
-77.5°	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.8
-80°	3.1	3.0	2.9	2.9	2.8	2.6	2.5	2.4	2.3	2.1	2.0
-82.5°	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
-85°	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	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



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4
80°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.5
77.5°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.7
75°	3.4	3.2	3.0	2.7	2.4	2.2	1.9	1.7	1.4	1.1	0.9
72.5°	4.2	3.9	3.6	3.4	3.1	2.8	2.4	2.1	1.8	1.5	1.2
70°	5.0	4.6	4.3	4.0	3.7	3.3	3.0	2.6	2.2	1.9	1.5
67.5°	6.0	5.5	5.1	4.6	4.2	3.9	3.5	3.1	2.6	2.2	1.8
65°	6.7	6.3	5.9	5.4	4.8	4.4	4.0	3.5	3.1	2.6	2.1
62.5°	7.5	7.0	6.6	6.0	5.5	4.9	4.4	4.0	3.5	3.0	2.4
60°	8.4	7.8	7.2	6.7	6.1	5.4	4.9	4.4	3.9	3.3	2.8
57.5°	9.2	8.7	8.1	7.4	6.7	6.0	5.4	4.8	4.2	3.7	3.1
55°	9.8	9.3	8.8	8.1	7.4	6.6	5.9	5.3	4.6	4.0	3.4
52.5°	10.5	9.9	9.4	8.8	8.1	7.2	6.4	5.7	5.0	4.3	3.6
50°	11.1	10.5	9.9	9.3	8.7	7.8	7.0	6.2	5.5	4.6	3.9
47.5°	11.7	11.1	10.5	9.8	9.2	8.4	7.5	6.6	5.9	5.0	4.2
45°	12.2	11.7	11.0	10.3	9.6	8.9	8.0	7.0	6.3	5.4	4.4
42.5°	12.7	12.2	11.5	10.8	10.1	9.3	8.5	7.5	6.6	5.8	4.7
40°	12.9	12.5	12.0	11.3	10.6	9.7	8.9	7.9	6.9	6.1	5.0
37.5°	13.2	12.9	12.3	11.8	11.1	10.2	9.3	8.4	7.2	6.3	5.3
35°	13.5	13.2	12.7	12.2	11.5	10.6	9.6	8.7	7.6	6.6	5.6
32.5°	13.7	13.4	13.0	12.5	11.9	11.1	9.9	9.0	7.9	6.8	5.8
30°	14.0	13.6	13.2	12.8	12.3	11.4	10.3	9.2	8.2	7.0	6.0
27.5°	14.2	13.6	13.4	13.0	12.5	11.8	10.7	9.5	8.5	7.2	6.2
25°	14.4	13.7	13.4	13.2	12.8	12.0	11.0	9.7	8.7	7.4	6.4
22.5°	14.6	13.8	13.4	13.3	12.9	12.2	11.2	10.0	8.9	7.7	6.5
20°	14.8	13.8	13.4	13.4	13.1	12.3	11.3	10.2	9.1	7.8	6.6
17.5°	15.0	13.9	13.5	13.4	13.1	12.4	11.5	10.3	9.2	8.0	6.7
15°	15.1	14.1	13.6	13.4	13.2	12.6	11.6	10.4	9.3	8.2	6.8
12.5°	15.2	14.3	13.6	13.4	13.3	12.7	11.6	10.5	9.5	8.3	6.9
10°	15.4	14.4	13.7	13.4	13.3	12.8	11.7	10.6	9.5	8.4	7.0
7.5°	15.5	14.4	13.7	13.4	13.4	12.9	11.8	10.7	9.6	8.5	7.0
5°	15.6	14.4	13.8	13.4	13.4	12.9	11.9	10.8	9.7	8.6	7.1
2.5°	15.7	14.5	13.8	13.4	13.4	13.0	11.9	10.8	9.7	8.6	7.1
0°	15.7	14.5	13.8	13.4	13.4	13.0	11.9	10.8	9.7	8.6	7.1
-2.5°	15.7	14.5	13.8	13.4	13.4	13.0	11.9	10.8	9.7	8.6	7.1
-5°	15.6	14.4	13.8	13.4	13.4	12.9	11.9	10.8	9.7	8.6	7.1
-7.5°	15.5	14.4	13.7	13.4	13.4	12.9	11.8	10.7	9.6	8.5	7.0
-10°	15.4	14.4	13.7	13.4	13.3	12.8	11.7	10.6	9.5	8.4	7.0
-12.5°	15.2	14.3	13.6	13.4	13.3	12.7	11.6	10.5	9.5	8.3	6.9
-15°	15.1	14.1	13.6	13.4	13.2	12.6	11.6	10.4	9.3	8.2	6.8
-17.5°	15.0	13.9	13.5	13.4	13.1	12.4	11.5	10.3	9.2	8.0	6.7
-20°	14.8	13.8	13.4	13.4	13.1	12.3	11.3	10.2	9.1	7.8	6.6



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	14.6	13.8	13.4	13.3	12.9	12.2	11.2	10.0	8.9	7.7	6.5
-25°	14.4	13.7	13.4	13.2	12.8	12.0	11.0	9.7	8.7	7.4	6.4
-27.5°	14.2	13.6	13.4	13.0	12.5	11.8	10.7	9.5	8.5	7.2	6.2
-30°	14.0	13.6	13.2	12.8	12.3	11.4	10.3	9.2	8.2	7.0	6.0
-32.5°	13.7	13.4	13.0	12.5	11.9	11.1	9.9	9.0	7.9	6.8	5.8
-35°	13.5	13.2	12.7	12.2	11.5	10.6	9.6	8.7	7.6	6.6	5.6
-37.5°	13.2	12.9	12.3	11.8	11.1	10.2	9.3	8.4	7.2	6.3	5.3
-40°	12.9	12.5	12.0	11.3	10.6	9.7	8.9	7.9	6.9	6.1	5.0
-42.5°	12.7	12.2	11.5	10.8	10.1	9.3	8.5	7.5	6.6	5.8	4.7
-45°	12.2	11.7	11.0	10.3	9.6	8.9	8.0	7.0	6.3	5.4	4.4
-47.5°	11.7	11.1	10.5	9.8	9.2	8.4	7.5	6.6	5.9	5.0	4.2
-50°	11.1	10.5	9.9	9.3	8.7	7.8	7.0	6.2	5.5	4.6	3.9
-52.5°	10.5	9.9	9.4	8.8	8.1	7.2	6.4	5.7	5.0	4.3	3.6
-55°	9.8	9.3	8.8	8.1	7.4	6.6	5.9	5.3	4.6	4.0	3.4
-57.5°	9.2	8.7	8.1	7.4	6.7	6.0	5.4	4.8	4.2	3.7	3.1
-60°	8.4	7.8	7.2	6.7	6.1	5.4	4.9	4.4	3.9	3.3	2.8
-62.5°	7.5	7.0	6.6	6.0	5.5	4.9	4.4	4.0	3.5	3.0	2.4
-65°	6.7	6.3	5.9	5.4	4.8	4.4	4.0	3.5	3.1	2.6	2.1
-67.5°	6.0	5.5	5.1	4.6	4.2	3.9	3.5	3.1	2.6	2.2	1.8
-70°	5.0	4.6	4.3	4.0	3.7	3.3	3.0	2.6	2.2	1.9	1.5
-72.5°	4.2	3.9	3.6	3.4	3.1	2.8	2.4	2.1	1.8	1.5	1.2
-75°	3.4	3.2	3.0	2.7	2.4	2.2	1.9	1.7	1.4	1.1	0.9
-77.5°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.7
-80°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.5
-82.5°	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4
-85°	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.6	0.5	0.3	0.3	0.2	0.1	0.0
75°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
72.5°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
70°	1.1	0.9	0.7	0.4	0.3	0.1	0.0
67.5°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
65°	1.7	1.2	0.9	0.6	0.3	0.2	0.0
62.5°	1.9	1.4	1.0	0.7	0.4	0.2	0.0
60°	2.2	1.6	1.1	0.7	0.4	0.2	0.0
57.5°	2.4	1.8	1.3	0.8	0.5	0.2	0.0
55°	2.7	2.0	1.4	0.9	0.5	0.2	0.0
52.5°	3.0	2.2	1.6	1.0	0.6	0.2	0.0
50°	3.2	2.4	1.7	1.0	0.6	0.3	0.0
47.5°	3.4	2.6	1.9	1.1	0.6	0.3	0.0
45°	3.6	2.8	2.0	1.2	0.7	0.3	0.0
42.5°	3.8	3.0	2.1	1.3	0.7	0.3	0.0
40°	4.0	3.2	2.3	1.4	0.8	0.3	0.0
37.5°	4.2	3.3	2.4	1.5	0.8	0.3	0.0
35°	4.4	3.5	2.5	1.6	0.8	0.3	0.0
32.5°	4.6	3.6	2.6	1.7	0.9	0.3	0.0
30°	4.8	3.8	2.8	1.8	0.9	0.3	0.0
27.5°	5.0	3.9	2.9	1.8	0.9	0.4	0.0
25°	5.1	4.0	2.9	1.9	1.0	0.4	0.0
22.5°	5.3	4.1	3.0	1.9	1.0	0.4	0.0
20°	5.4	4.2	3.1	2.0	1.0	0.4	0.0
17.5°	5.6	4.3	3.2	2.0	1.0	0.4	0.0
15°	5.7	4.4	3.2	2.1	1.1	0.4	0.0
12.5°	5.8	4.5	3.3	2.1	1.1	0.4	0.0
10°	5.9	4.6	3.3	2.1	1.1	0.4	0.0
7.5°	5.9	4.6	3.4	2.2	1.1	0.4	0.0
5°	6.0	4.7	3.4	2.2	1.1	0.4	0.0
2.5°	6.0	4.8	3.4	2.2	1.1	0.4	0.0
0°	6.0	4.8	3.4	2.2	1.1	0.4	0.0
-2.5°	6.0	4.8	3.4	2.2	1.1	0.4	0.0
-5°	6.0	4.7	3.4	2.2	1.1	0.4	0.0
-7.5°	5.9	4.6	3.4	2.2	1.1	0.4	0.0
-10°	5.9	4.6	3.3	2.1	1.1	0.4	0.0
-12.5°	5.8	4.5	3.3	2.1	1.1	0.4	0.0
-15°	5.7	4.4	3.2	2.1	1.1	0.4	0.0
-17.5°	5.6	4.3	3.2	2.0	1.0	0.4	0.0
-20°	5.4	4.2	3.1	2.0	1.0	0.4	0.0



REPORT NUMBER: P561367 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.3	4.1	3.0	1.9	1.0	0.4	0.0
-25°	5.1	4.0	2.9	1.9	1.0	0.4	0.0
-27.5°	5.0	3.9	2.9	1.8	0.9	0.4	0.0
-30°	4.8	3.8	2.8	1.8	0.9	0.3	0.0
-32.5°	4.6	3.6	2.6	1.7	0.9	0.3	0.0
-35°	4.4	3.5	2.5	1.6	0.8	0.3	0.0
-37.5°	4.2	3.3	2.4	1.5	0.8	0.3	0.0
-40°	4.0	3.2	2.3	1.4	0.8	0.3	0.0
-42.5°	3.8	3.0	2.1	1.3	0.7	0.3	0.0
-45°	3.6	2.8	2.0	1.2	0.7	0.3	0.0
-47.5°	3.4	2.6	1.9	1.1	0.6	0.3	0.0
-50°	3.2	2.4	1.7	1.0	0.6	0.3	0.0
-52.5°	3.0	2.2	1.6	1.0	0.6	0.2	0.0
-55°	2.7	2.0	1.4	0.9	0.5	0.2	0.0
-57.5°	2.4	1.8	1.3	0.8	0.5	0.2	0.0
-60°	2.2	1.6	1.1	0.7	0.4	0.2	0.0
-62.5°	1.9	1.4	1.0	0.7	0.4	0.2	0.0
-65°	1.7	1.2	0.9	0.6	0.3	0.2	0.0
-67.5°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
-70°	1.1	0.9	0.7	0.4	0.3	0.1	0.0
-72.5°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
-75°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
-77.5°	0.6	0.5	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)