

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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-5)
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-MWR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

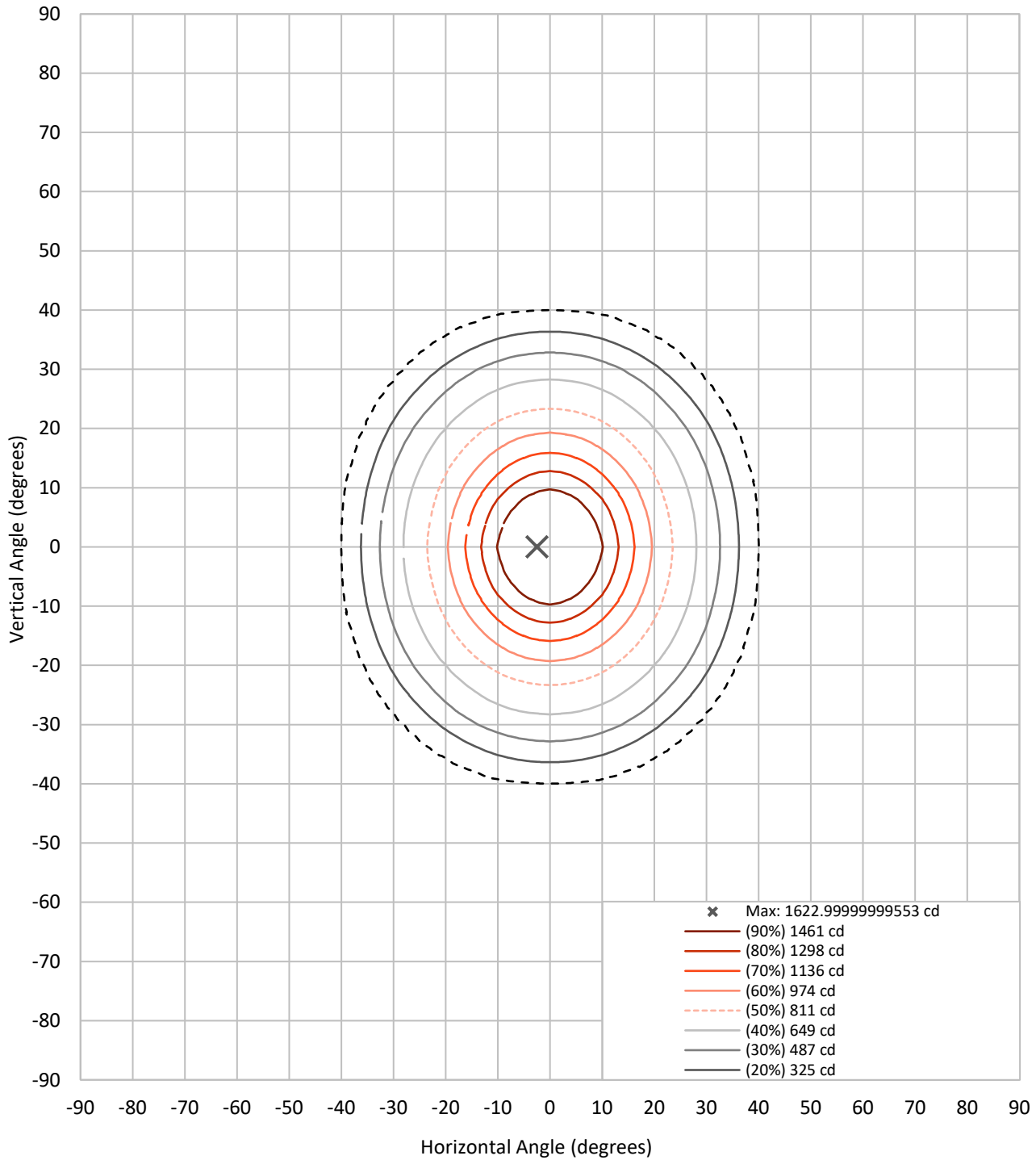
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1236.8 lumens	Max Intensity:	1623 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	53.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47.1°H x 46.4°V	Field Angle (10%):	80.1°H x 79.9°V
Beam Lumens:	594.9 lumens	Field Lumens:	1059.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	85.6%
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		



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Iso-Candela Plot





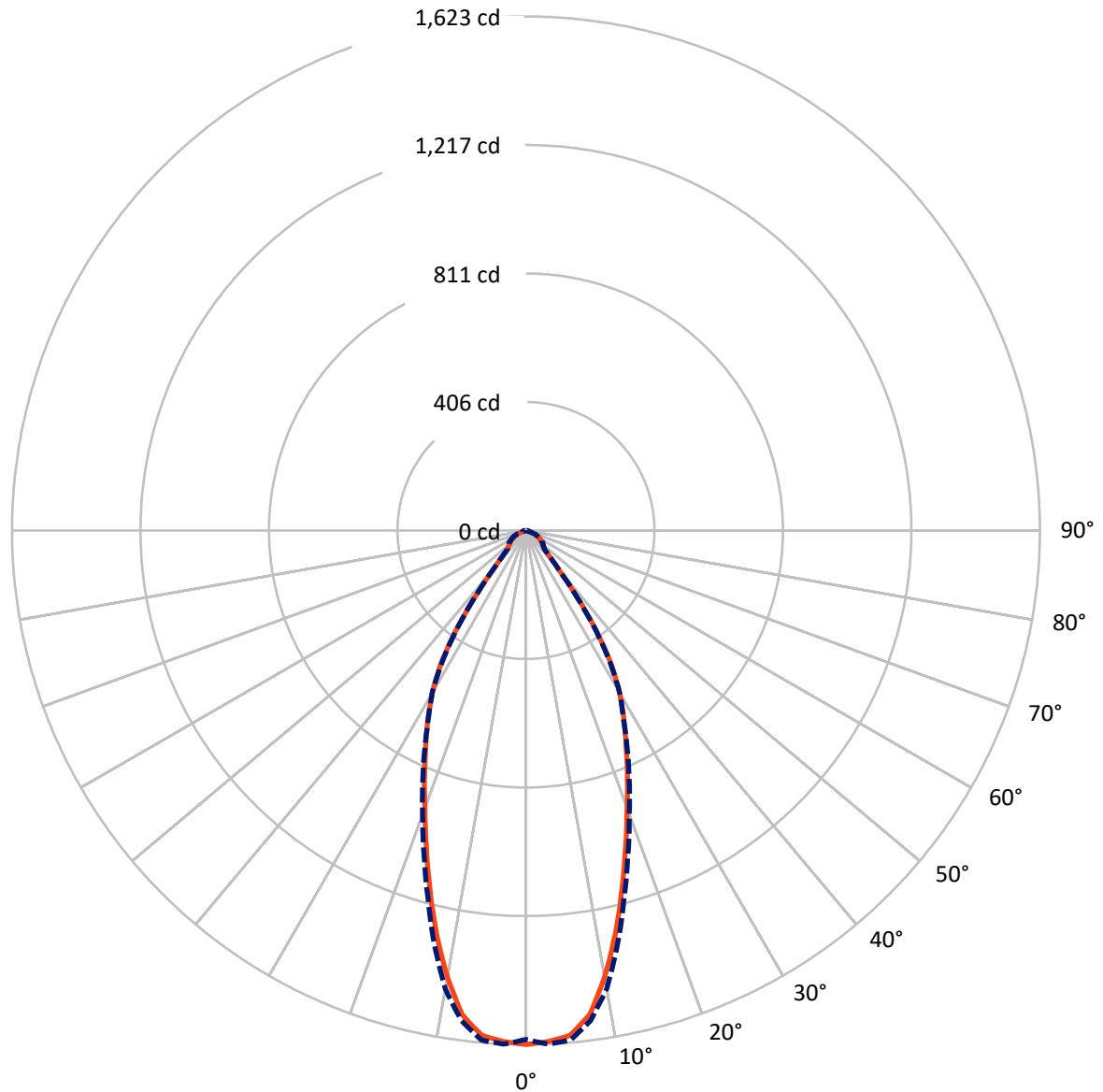
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Lumen Table

90																			
80	0.0	0.3		0.6		1.0		0.7		1.0		0.6		0.3		0.0			
70																			
60	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1			
50		0.3	0.5	0.8	1.1	1.3	1.6	1.7	1.7	1.6	1.3	1.1	0.8	0.5	0.3				
40	0.2	0.3	0.7	1.1	1.5	1.9	2.3	2.8	2.8	2.3	1.9	1.5	1.1	0.7	0.3	0.2			
30		0.4	0.8	1.3	1.9	3.7	7.9	11.1	11.1	7.9	3.7	1.9	1.3	0.8	0.4				
20	0.2	0.4	0.9	1.4	3.4	10.6	18.1	22.3	22.3	18.1	10.6	3.4	1.4	0.9	0.4	0.2			
10		0.5	1.0	1.7	6.7	16.9	26.3	34.3	34.3	26.3	16.9	6.7	1.7	1.0	0.5				
0	0.2	0.5	1.1	2.0	9.1	20.3	33.5	45.9	45.9	33.5	20.3	9.1	2.0	1.1	0.5	0.2			
-10		0.5	1.1	2.0	9.1	20.3	33.5	45.9	45.9	33.5	20.3	9.1	2.0	1.1	0.5				
-20	0.2	0.5	1.0	1.7	6.7	16.9	26.3	34.3	34.3	26.3	16.9	6.7	1.7	1.0	0.5	0.2			
-30		0.4	0.9	1.4	3.4	10.6	18.1	22.3	22.3	18.1	10.6	3.4	1.4	0.9	0.4				
-40	0.2	0.4	0.8	1.3	1.9	3.7	7.9	11.1	11.1	7.9	3.7	1.9	1.3	0.8	0.4	0.2			
-50		0.3	0.7	1.1	1.5	1.9	2.3	2.8	2.8	2.3	1.9	1.5	1.1	0.7	0.3				
-60	0.1	0.3	0.5	0.8	1.1	1.3	1.6	1.7	1.7	1.6	1.3	1.1	0.8	0.5	0.3	0.1			
-70		0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2				
-80	0.0	0.3		0.6		1.0		0.7		1.0		0.6		0.3		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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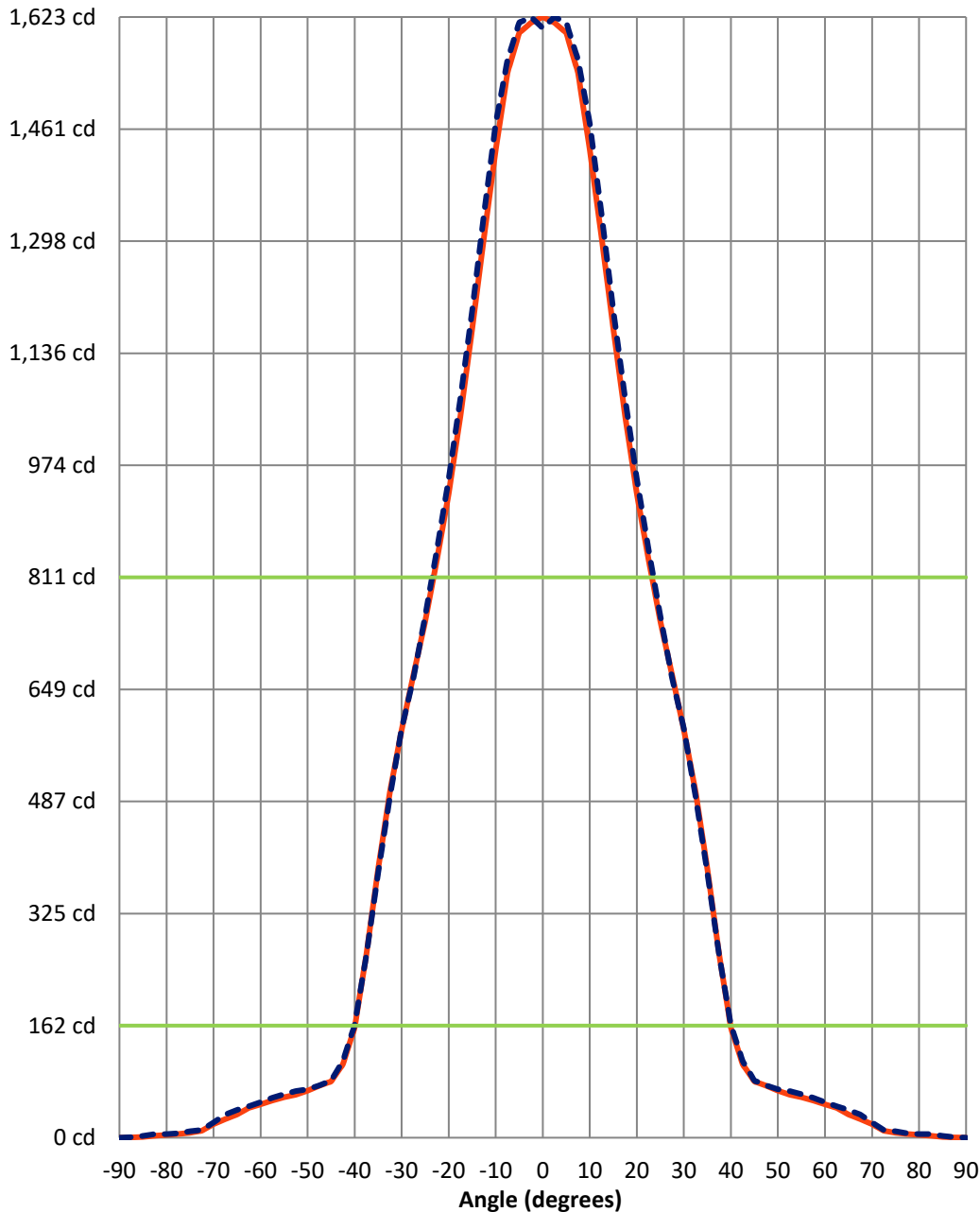
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 47.1°
V Angle: 46.4°
Lumens: 594.9
Efficiency: 48.1%

Field:
H Angle: 80.1°
V Angle: 79.9°
Lumens: 1059.3
Efficiency: 85.6%

Spill:
Lumens: 177.5
Efficiency: 14.4%

— Vertical Distribution through -2.5-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	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.8	0.9	0.9	0.9
82.5°	0.0	0.1	0.3	0.5	0.7	0.9	1.2	1.3	1.4	1.6	1.7
80°	0.0	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.3	2.5	2.7
77.5°	0.0	0.2	0.5	0.8	1.1	1.6	2.3	2.8	3.2	3.5	3.8
75°	0.0	0.2	0.6	0.9	1.4	2.1	3.1	3.7	4.1	4.8	5.2
72.5°	0.0	0.3	0.6	1.1	1.7	2.6	3.8	4.6	5.5	6.1	6.7
70°	0.0	0.3	0.7	1.2	2.1	3.1	4.5	5.9	6.8	7.6	8.8
67.5°	0.0	0.3	0.8	1.4	2.4	3.6	5.4	7.1	8.2	9.5	11.0
65°	0.0	0.4	0.9	1.6	2.7	4.2	6.3	8.3	9.8	11.4	13.1
62.5°	0.0	0.4	1.0	1.8	3.0	4.8	7.2	9.6	11.3	13.1	14.8
60°	0.0	0.4	1.0	2.0	3.3	5.3	7.9	10.9	12.8	14.6	16.6
57.5°	0.0	0.5	1.2	2.2	3.6	5.9	8.6	12.1	14.1	16.0	18.0
55°	0.0	0.5	1.3	2.3	4.0	6.4	9.2	12.9	15.3	17.4	19.4
52.5°	0.0	0.5	1.4	2.5	4.3	6.8	9.7	13.4	16.4	18.6	20.8
50°	0.0	0.5	1.5	2.6	4.6	7.0	10.1	13.8	17.4	19.7	22.0
47.5°	0.0	0.6	1.6	2.8	4.8	7.2	10.3	14.0	18.4	20.9	23.2
45°	0.0	0.6	1.7	2.9	5.0	7.4	10.5	14.2	18.7	21.9	24.3
42.5°	0.0	0.6	1.7	3.0	5.2	7.4	10.5	14.3	18.9	22.9	25.6
40°	0.0	0.6	1.8	3.2	5.2	7.4	10.5	14.4	19.1	23.8	26.8
37.5°	0.0	0.7	1.9	3.3	5.2	7.3	10.3	14.4	19.2	24.0	28.0
35°	0.0	0.7	2.0	3.5	5.1	7.2	10.1	14.4	19.2	24.5	29.3
32.5°	0.0	0.7	2.1	3.7	5.0	7.0	9.9	14.2	19.2	25.2	30.5
30°	0.0	0.7	2.1	3.8	4.8	6.8	9.7	14.1	19.1	26.1	31.6
27.5°	0.0	0.7	2.2	4.0	4.9	6.5	9.5	13.9	19.3	27.1	32.7
25°	0.0	0.7	2.3	4.1	5.0	6.1	9.2	13.7	19.9	28.1	33.8
22.5°	0.0	0.7	2.3	4.3	5.0	5.9	8.9	13.4	20.6	28.9	34.7
20°	0.0	0.7	2.4	4.4	5.1	6.0	8.5	13.1	21.3	29.6	35.6
17.5°	0.0	0.7	2.4	4.6	5.1	6.0	8.4	12.8	22.1	30.3	36.4
15°	0.0	0.7	2.5	4.7	5.1	6.1	8.7	12.6	22.8	30.8	37.2
12.5°	0.0	0.7	2.5	4.8	5.2	6.2	8.9	12.6	23.3	31.3	37.8
10°	0.0	0.7	2.5	4.9	5.2	6.2	9.0	12.4	23.5	31.8	38.5
7.5°	0.0	0.7	2.6	5.0	5.2	6.3	9.1	12.2	23.4	32.4	39.1
5°	0.0	0.7	2.6	5.1	5.2	6.3	9.2	11.9	23.1	32.9	39.6
2.5°	0.0	0.7	2.6	5.1	5.2	6.3	9.3	11.6	22.7	33.3	40.0
0°	0.0	0.7	2.6	5.2	5.2	6.3	9.3	11.2	22.0	33.5	40.2
-2.5°	0.0	0.7	2.6	5.1	5.2	6.3	9.3	11.6	22.7	33.3	40.0
-5°	0.0	0.7	2.6	5.1	5.2	6.3	9.2	11.9	23.1	32.9	39.6
-7.5°	0.0	0.7	2.6	5.0	5.2	6.3	9.1	12.2	23.4	32.4	39.1
-10°	0.0	0.7	2.5	4.9	5.2	6.2	9.0	12.4	23.5	31.8	38.5
-12.5°	0.0	0.7	2.5	4.8	5.2	6.2	8.9	12.6	23.3	31.3	37.8
-15°	0.0	0.7	2.5	4.7	5.1	6.1	8.7	12.6	22.8	30.8	37.2
-17.5°	0.0	0.7	2.4	4.6	5.1	6.0	8.4	12.8	22.1	30.3	36.4
-20°	0.0	0.7	2.4	4.4	5.1	6.0	8.5	13.1	21.3	29.6	35.6



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.7	2.3	4.3	5.0	5.9	8.9	13.4	20.6	28.9	34.7
-25°	0.0	0.7	2.3	4.1	5.0	6.1	9.2	13.7	19.9	28.1	33.8
-27.5°	0.0	0.7	2.2	4.0	4.9	6.5	9.5	13.9	19.3	27.1	32.7
-30°	0.0	0.7	2.1	3.8	4.8	6.8	9.7	14.1	19.1	26.1	31.6
-32.5°	0.0	0.7	2.1	3.7	5.0	7.0	9.9	14.2	19.2	25.2	30.5
-35°	0.0	0.7	2.0	3.5	5.1	7.2	10.1	14.4	19.2	24.5	29.3
-37.5°	0.0	0.7	1.9	3.3	5.2	7.3	10.3	14.4	19.2	24.0	28.0
-40°	0.0	0.6	1.8	3.2	5.2	7.4	10.5	14.4	19.1	23.8	26.8
-42.5°	0.0	0.6	1.7	3.0	5.2	7.4	10.5	14.3	18.9	22.9	25.6
-45°	0.0	0.6	1.7	2.9	5.0	7.4	10.5	14.2	18.7	21.9	24.3
-47.5°	0.0	0.6	1.6	2.8	4.8	7.2	10.3	14.0	18.4	20.9	23.2
-50°	0.0	0.5	1.5	2.6	4.6	7.0	10.1	13.8	17.4	19.7	22.0
-52.5°	0.0	0.5	1.4	2.5	4.3	6.8	9.7	13.4	16.4	18.6	20.8
-55°	0.0	0.5	1.3	2.3	4.0	6.4	9.2	12.9	15.3	17.4	19.4
-57.5°	0.0	0.5	1.2	2.2	3.6	5.9	8.6	12.1	14.1	16.0	18.0
-60°	0.0	0.4	1.0	2.0	3.3	5.3	7.9	10.9	12.8	14.6	16.6
-62.5°	0.0	0.4	1.0	1.8	3.0	4.8	7.2	9.6	11.3	13.1	14.8
-65°	0.0	0.4	0.9	1.6	2.7	4.2	6.3	8.3	9.8	11.4	13.1
-67.5°	0.0	0.3	0.8	1.4	2.4	3.6	5.4	7.1	8.2	9.5	11.0
-70°	0.0	0.3	0.7	1.2	2.1	3.1	4.5	5.9	6.8	7.6	8.8
-72.5°	0.0	0.3	0.6	1.1	1.7	2.6	3.8	4.6	5.5	6.1	6.7
-75°	0.0	0.2	0.6	0.9	1.4	2.1	3.1	3.7	4.1	4.8	5.2
-77.5°	0.0	0.2	0.5	0.8	1.1	1.6	2.3	2.8	3.2	3.5	3.8
-80°	0.0	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.3	2.5	2.7
-82.5°	0.0	0.1	0.3	0.5	0.7	0.9	1.2	1.3	1.4	1.6	1.7
-85°	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.8	0.9	0.9	0.9
-87.5°	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
85°	0.9	0.9	1.0	1.1	1.2	1.2	1.1	1.0	1.2	1.4	1.6
82.5°	1.9	2.1	2.4	2.6	2.6	2.5	2.4	2.1	2.5	3.0	3.6
80°	3.0	3.4	3.9	4.5	4.5	4.2	3.8	3.3	3.9	4.9	6.0
77.5°	4.4	5.1	5.8	6.5	6.5	6.0	5.4	4.6	5.4	6.9	8.6
75°	5.9	6.8	7.7	8.4	8.3	7.7	7.0	6.7	7.7	9.6	11.4
72.5°	7.8	9.0	9.8	10.3	10.4	10.2	10.1	9.9	10.8	12.7	14.3
70°	10.1	11.2	12.0	12.7	13.0	13.1	13.3	13.7	14.6	16.2	17.5
67.5°	12.5	13.5	14.4	15.1	15.7	16.1	16.7	17.7	19.0	20.4	21.2
65°	14.6	15.8	16.6	17.4	18.2	19.2	20.5	22.0	23.2	24.1	25.0
62.5°	16.7	17.8	18.7	19.7	21.0	22.4	24.0	25.3	26.5	27.8	29.3
60°	18.4	19.7	20.8	22.1	23.7	25.5	27.2	28.8	30.3	31.7	33.6
57.5°	19.9	21.5	22.8	24.5	26.5	28.7	30.8	32.6	34.2	35.9	37.7
55°	21.4	23.0	24.8	27.0	29.5	32.2	34.4	36.3	38.2	40.4	42.3
52.5°	22.7	24.6	26.9	29.6	32.7	35.5	37.8	39.9	42.2	44.7	46.7
50°	24.0	26.5	29.1	32.5	35.6	38.3	40.9	43.3	45.9	48.6	51.2
47.5°	25.5	28.2	31.8	35.2	38.1	40.9	43.6	46.6	49.5	52.4	55.3
45°	27.1	30.4	34.3	37.4	40.4	43.3	46.5	49.9	53.1	56.1	58.8
42.5°	28.5	32.5	36.3	39.5	42.6	45.8	49.4	53.0	56.3	59.1	61.7
40°	30.3	34.6	38.1	41.4	44.7	48.4	52.0	55.7	58.9	61.6	64.1
37.5°	32.1	36.2	39.9	43.3	46.9	50.7	54.4	58.1	61.1	63.7	65.8
35°	33.7	37.8	41.7	45.3	49.0	52.7	56.6	60.2	62.9	65.3	67.8
32.5°	35.2	39.4	43.3	47.1	51.0	54.8	58.8	61.7	64.4	67.0	70.3
30°	36.5	40.9	44.9	48.8	53.0	57.0	60.4	63.1	65.8	69.2	74.3
27.5°	37.7	42.3	46.4	50.5	55.0	58.9	61.9	64.4	67.6	71.8	78.8
25°	38.9	43.5	47.7	52.3	56.7	60.4	63.3	65.9	69.4	75.8	90.1
22.5°	40.0	44.7	48.9	54.0	58.2	61.7	64.5	67.6	72.1	80.0	103.0
20°	41.0	45.8	50.4	55.6	59.5	63.0	65.6	69.3	75.4	90.9	122.2
17.5°	41.8	46.8	51.8	56.7	60.7	64.2	66.5	70.9	78.3	100.7	142.9
15°	42.6	47.7	53.0	57.8	61.8	65.1	68.1	73.2	83.9	111.7	161.9
12.5°	43.2	48.6	54.0	58.8	62.8	66.1	69.6	75.4	90.9	126.4	192.3
10°	43.8	49.4	54.9	59.7	63.7	67.1	70.7	77.2	96.9	139.0	217.5
7.5°	44.3	50.1	55.7	60.4	64.5	68.0	71.7	78.7	101.8	148.9	237.0
5°	44.8	50.7	56.5	61.4	65.5	68.8	72.6	79.8	105.4	156.1	250.8
2.5°	45.2	51.1	57.2	62.3	66.5	69.5	74.2	81.4	108.8	160.9	260.0
0°	45.5	51.4	57.8	63.0	67.5	70.1	75.7	82.7	111.1	163.2	264.6
-2.5°	45.2	51.1	57.2	62.3	66.5	69.5	74.2	81.4	108.8	160.9	260.0
-5°	44.8	50.7	56.5	61.4	65.5	68.8	72.6	79.8	105.4	156.1	250.8
-7.5°	44.3	50.1	55.7	60.4	64.5	68.0	71.7	78.7	101.8	148.9	237.0
-10°	43.8	49.4	54.9	59.7	63.7	67.1	70.7	77.2	96.9	139.0	217.5
-12.5°	43.2	48.6	54.0	58.8	62.8	66.1	69.6	75.4	90.9	126.4	192.3
-15°	42.6	47.7	53.0	57.8	61.8	65.1	68.1	73.2	83.9	111.7	161.9
-17.5°	41.8	46.8	51.8	56.7	60.7	64.2	66.5	70.9	78.3	100.7	142.9
-20°	41.0	45.8	50.4	55.6	59.5	63.0	65.6	69.3	75.4	90.9	122.2



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	40.0	44.7	48.9	54.0	58.2	61.7	64.5	67.6	72.1	80.0	103.0
-25°	38.9	43.5	47.7	52.3	56.7	60.4	63.3	65.9	69.4	75.8	90.1
-27.5°	37.7	42.3	46.4	50.5	55.0	58.9	61.9	64.4	67.6	71.8	78.8
-30°	36.5	40.9	44.9	48.8	53.0	57.0	60.4	63.1	65.8	69.2	74.3
-32.5°	35.2	39.4	43.3	47.1	51.0	54.8	58.8	61.7	64.4	67.0	70.3
-35°	33.7	37.8	41.7	45.3	49.0	52.7	56.6	60.2	62.9	65.3	67.8
-37.5°	32.1	36.2	39.9	43.3	46.9	50.7	54.4	58.1	61.1	63.7	65.8
-40°	30.3	34.6	38.1	41.4	44.7	48.4	52.0	55.7	58.9	61.6	64.1
-42.5°	28.5	32.5	36.3	39.5	42.6	45.8	49.4	53.0	56.3	59.1	61.7
-45°	27.1	30.4	34.3	37.4	40.4	43.3	46.5	49.9	53.1	56.1	58.8
-47.5°	25.5	28.2	31.8	35.2	38.1	40.9	43.6	46.6	49.5	52.4	55.3
-50°	24.0	26.5	29.1	32.5	35.6	38.3	40.9	43.3	45.9	48.6	51.2
-52.5°	22.7	24.6	26.9	29.6	32.7	35.5	37.8	39.9	42.2	44.7	46.7
-55°	21.4	23.0	24.8	27.0	29.5	32.2	34.4	36.3	38.2	40.4	42.3
-57.5°	19.9	21.5	22.8	24.5	26.5	28.7	30.8	32.6	34.2	35.9	37.7
-60°	18.4	19.7	20.8	22.1	23.7	25.5	27.2	28.8	30.3	31.7	33.6
-62.5°	16.7	17.8	18.7	19.7	21.0	22.4	24.0	25.3	26.5	27.8	29.3
-65°	14.6	15.8	16.6	17.4	18.2	19.2	20.5	22.0	23.2	24.1	25.0
-67.5°	12.5	13.5	14.4	15.1	15.7	16.1	16.7	17.7	19.0	20.4	21.2
-70°	10.1	11.2	12.0	12.7	13.0	13.1	13.3	13.7	14.6	16.2	17.5
-72.5°	7.8	9.0	9.8	10.3	10.4	10.2	10.1	9.9	10.8	12.7	14.3
-75°	5.9	6.8	7.7	8.4	8.3	7.7	7.0	6.7	7.7	9.6	11.4
-77.5°	4.4	5.1	5.8	6.5	6.5	6.0	5.4	4.6	5.4	6.9	8.6
-80°	3.0	3.4	3.9	4.5	4.5	4.2	3.8	3.3	3.9	4.9	6.0
-82.5°	1.9	2.1	2.4	2.6	2.6	2.5	2.4	2.1	2.5	3.0	3.6
-85°	0.9	0.9	1.0	1.1	1.2	1.2	1.1	1.0	1.2	1.4	1.6
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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°	1.8	1.7	1.6	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.3
82.5°	4.2	4.3	4.3	4.2	4.2	4.4	4.7	4.9	5.2	4.6	4.0
80°	7.3	7.8	8.2	8.6	9.2	9.5	9.7	9.8	9.8	8.6	7.1
77.5°	10.4	11.3	12.0	12.5	13.1	13.3	13.4	13.5	13.6	11.8	9.7
75°	13.1	14.0	14.6	15.1	15.6	15.9	16.1	16.3	16.5	14.6	12.0
72.5°	15.6	16.5	17.0	17.6	18.0	18.5	18.8	19.1	19.4	17.8	15.7
70°	18.4	18.9	19.6	20.2	20.8	21.2	21.6	21.9	22.2	21.9	21.4
67.5°	21.8	22.5	23.3	23.7	24.2	24.8	25.4	25.7	25.8	25.9	26.1
65°	26.0	27.4	28.4	29.3	30.0	30.5	31.2	31.9	32.7	33.3	33.6
62.5°	31.0	32.5	33.3	34.2	35.3	36.3	37.2	38.2	39.0	39.9	40.7
60°	35.1	36.2	37.3	38.4	39.6	40.6	41.8	43.0	44.1	45.1	46.1
57.5°	39.2	40.2	41.1	42.6	43.9	45.1	46.3	47.6	48.7	49.8	50.9
55°	43.6	44.6	45.4	47.4	48.9	49.8	50.6	51.8	52.8	53.7	55.0
52.5°	48.1	49.8	51.8	53.5	54.2	54.4	54.3	55.9	56.9	57.2	58.3
50°	53.2	55.3	57.3	59.0	59.4	60.0	61.0	61.7	62.0	62.1	63.4
47.5°	57.6	59.8	61.6	63.3	64.2	65.1	66.3	67.2	67.6	68.1	69.3
45°	61.3	63.2	64.9	66.3	67.5	69.2	70.7	72.0	73.6	75.1	76.6
42.5°	64.1	65.8	67.3	69.4	71.6	74.0	76.9	79.5	84.4	90.5	95.7
40°	66.0	68.0	70.6	73.6	77.6	81.5	91.1	100.3	111.1	125.5	136.8
37.5°	68.2	71.2	75.3	79.9	90.3	101.4	121.3	143.7	163.4	193.3	219.7
35°	71.0	76.0	82.3	96.3	114.7	143.0	175.5	218.6	257.5	296.6	331.0
32.5°	75.7	83.7	99.4	125.7	157.7	209.1	259.8	314.8	364.7	407.6	442.7
30°	82.0	99.3	129.6	168.3	228.9	292.0	357.3	415.5	466.7	509.9	540.9
27.5°	96.3	126.2	169.2	236.7	307.5	381.4	447.5	507.2	552.8	593.5	622.2
25°	115.7	158.5	231.5	310.1	389.5	460.9	526.2	581.3	623.2	664.8	694.8
22.5°	143.3	210.2	294.7	383.9	462.5	532.1	594.5	643.3	689.1	732.2	769.0
20°	174.5	261.0	358.3	446.8	525.3	594.2	647.3	706.2	755.1	806.9	849.5
17.5°	217.5	314.7	413.7	502.3	579.0	643.0	705.7	764.6	825.2	882.4	936.2
15°	255.7	363.0	460.8	546.9	621.4	689.6	758.7	822.5	894.2	963.0	1028.5
12.5°	292.9	403.0	500.6	585.5	657.1	730.8	806.3	885.0	965.8	1046.8	1128.4
10°	325.2	434.7	530.2	614.6	690.6	768.4	850.2	940.6	1035.5	1130.0	1223.4
7.5°	350.7	460.3	554.8	639.0	718.0	799.2	890.0	988.7	1096.3	1210.2	1322.5
5°	369.2	479.3	575.0	655.3	737.9	823.1	921.4	1030.8	1146.7	1272.0	1395.9
2.5°	380.2	490.9	588.5	665.7	749.4	842.6	943.6	1056.8	1182.7	1315.5	1441.2
0°	383.5	493.8	592.2	665.8	755.4	851.5	954.0	1071.2	1198.1	1337.5	1468.7
-2.5°	380.2	490.9	588.5	665.7	749.4	842.6	943.6	1056.8	1182.7	1315.5	1441.2
-5°	369.2	479.3	575.0	655.3	737.9	823.1	921.4	1030.8	1146.7	1272.0	1395.9
-7.5°	350.7	460.3	554.8	639.0	718.0	799.2	890.0	988.7	1096.3	1210.2	1322.5
-10°	325.2	434.7	530.2	614.6	690.6	768.4	850.2	940.6	1035.5	1130.0	1223.4
-12.5°	292.9	403.0	500.6	585.5	657.1	730.8	806.3	885.0	965.8	1046.8	1128.4
-15°	255.7	363.0	460.8	546.9	621.4	689.6	758.7	822.5	894.2	963.0	1028.5
-17.5°	217.5	314.7	413.7	502.3	579.0	643.0	705.7	764.6	825.2	882.4	936.2
-20°	174.5	261.0	358.3	446.8	525.3	594.2	647.3	706.2	755.1	806.9	849.5



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	143.3	210.2	294.7	383.9	462.5	532.1	594.5	643.3	689.1	732.2	769.0
-25°	115.7	158.5	231.5	310.1	389.5	460.9	526.2	581.3	623.2	664.8	694.8
-27.5°	96.3	126.2	169.2	236.7	307.5	381.4	447.5	507.2	552.8	593.5	622.2
-30°	82.0	99.3	129.6	168.3	228.9	292.0	357.3	415.5	466.7	509.9	540.9
-32.5°	75.7	83.7	99.4	125.7	157.7	209.1	259.8	314.8	364.7	407.6	442.7
-35°	71.0	76.0	82.3	96.3	114.7	143.0	175.5	218.6	257.5	296.6	331.0
-37.5°	68.2	71.2	75.3	79.9	90.3	101.4	121.3	143.7	163.4	193.3	219.7
-40°	66.0	68.0	70.6	73.6	77.6	81.5	91.1	100.3	111.1	125.5	136.8
-42.5°	64.1	65.8	67.3	69.4	71.6	74.0	76.9	79.5	84.4	90.5	95.7
-45°	61.3	63.2	64.9	66.3	67.5	69.2	70.7	72.0	73.6	75.1	76.6
-47.5°	57.6	59.8	61.6	63.3	64.2	65.1	66.3	67.2	67.6	68.1	69.3
-50°	53.2	55.3	57.3	59.0	59.4	60.0	61.0	61.7	62.0	62.1	63.4
-52.5°	48.1	49.8	51.8	53.5	54.2	54.4	54.3	55.9	56.9	57.2	58.3
-55°	43.6	44.6	45.4	47.4	48.9	49.8	50.6	51.8	52.8	53.7	55.0
-57.5°	39.2	40.2	41.1	42.6	43.9	45.1	46.3	47.6	48.7	49.8	50.9
-60°	35.1	36.2	37.3	38.4	39.6	40.6	41.8	43.0	44.1	45.1	46.1
-62.5°	31.0	32.5	33.3	34.2	35.3	36.3	37.2	38.2	39.0	39.9	40.7
-65°	26.0	27.4	28.4	29.3	30.0	30.5	31.2	31.9	32.7	33.3	33.6
-67.5°	21.8	22.5	23.3	23.7	24.2	24.8	25.4	25.7	25.8	25.9	26.1
-70°	18.4	18.9	19.6	20.2	20.8	21.2	21.6	21.9	22.2	21.9	21.4
-72.5°	15.6	16.5	17.0	17.6	18.0	18.5	18.8	19.1	19.4	17.8	15.7
-75°	13.1	14.0	14.6	15.1	15.6	15.9	16.1	16.3	16.5	14.6	12.0
-77.5°	10.4	11.3	12.0	12.5	13.1	13.3	13.4	13.5	13.6	11.8	9.7
-80°	7.3	7.8	8.2	8.6	9.2	9.5	9.7	9.8	9.8	8.6	7.1
-82.5°	4.2	4.3	4.3	4.2	4.2	4.4	4.7	4.9	5.2	4.6	4.0
-85°	1.8	1.7	1.6	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.3
-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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.4
82.5°	3.3	2.6	2.8	3.0	2.8	2.6	3.3	4.0	4.6	5.2	4.9
80°	5.7	4.1	4.1	4.1	4.1	4.1	5.7	7.1	8.6	9.8	9.8
77.5°	7.5	5.3	5.4	5.6	5.4	5.3	7.5	9.7	11.8	13.6	13.5
75°	9.5	6.8	7.1	7.5	7.1	6.8	9.5	12.0	14.6	16.5	16.3
72.5°	13.5	11.3	10.1	8.9	10.1	11.3	13.5	15.7	17.8	19.4	19.1
70°	21.0	20.7	19.6	18.3	19.6	20.7	21.0	21.4	21.9	22.2	21.9
67.5°	26.4	26.6	26.9	27.2	26.9	26.6	26.4	26.1	25.9	25.8	25.7
65°	33.6	33.3	33.6	33.9	33.6	33.3	33.6	33.6	33.3	32.7	31.9
62.5°	41.6	42.4	43.1	43.6	43.1	42.4	41.6	40.7	39.9	39.0	38.2
60°	47.0	47.7	48.3	48.8	48.3	47.7	47.0	46.1	45.1	44.1	43.0
57.5°	51.9	52.8	53.8	54.8	53.8	52.8	51.9	50.9	49.8	48.7	47.6
55°	56.1	57.2	58.6	60.0	58.6	57.2	56.1	55.0	53.7	52.8	51.8
52.5°	59.6	60.9	62.3	63.7	62.3	60.9	59.6	58.3	57.2	56.9	55.9
50°	65.2	66.8	68.1	68.9	68.1	66.8	65.2	63.4	62.1	62.0	61.7
47.5°	71.3	73.1	75.2	77.9	75.2	73.1	71.3	69.3	68.1	67.6	67.2
45°	78.6	80.0	81.5	83.5	81.5	80.0	78.6	76.6	75.1	73.6	72.0
42.5°	100.5	104.2	106.4	107.0	106.4	104.2	100.5	95.7	90.5	84.4	79.5
40°	146.8	154.5	159.4	161.7	159.4	154.5	146.8	136.8	125.5	111.1	100.3
37.5°	241.2	256.6	265.6	268.3	265.6	256.6	241.2	219.7	193.3	163.4	143.7
35°	358.1	377.6	389.0	388.3	389.0	377.6	358.1	331.0	296.6	257.5	218.6
32.5°	470.1	489.0	500.5	505.7	500.5	489.0	470.1	442.7	407.6	364.7	314.8
30°	565.8	581.8	590.6	597.8	590.6	581.8	565.8	540.9	509.9	466.7	415.5
27.5°	646.6	661.8	669.9	673.1	669.9	661.8	646.6	622.2	593.5	552.8	507.2
25°	722.4	739.7	747.8	752.8	747.8	739.7	722.4	694.8	664.8	623.2	581.3
22.5°	799.6	819.9	837.1	839.3	837.1	819.9	799.6	769.0	732.2	689.1	643.3
20°	889.2	918.2	932.7	942.5	932.7	918.2	889.2	849.5	806.9	755.1	706.2
17.5°	984.7	1023.2	1045.6	1054.5	1045.6	1023.2	984.7	936.2	882.4	825.2	764.6
15°	1090.6	1140.3	1171.7	1181.7	1171.7	1140.3	1090.6	1028.5	963.0	894.2	822.5
12.5°	1203.2	1264.4	1303.9	1314.3	1303.9	1264.4	1203.2	1128.4	1046.8	965.8	885.0
10°	1313.0	1381.6	1430.7	1448.9	1430.7	1381.6	1313.0	1223.4	1130.0	1035.5	940.6
7.5°	1412.9	1500.2	1542.0	1561.5	1542.0	1500.2	1412.9	1322.5	1210.2	1096.3	988.7
5°	1496.4	1568.1	1600.0	1601.4	1600.0	1568.1	1496.4	1395.9	1272.0	1146.7	1030.8
2.5°	1541.8	1600.7	1614.7	1607.0	1614.7	1600.7	1541.8	1441.2	1315.5	1182.7	1056.8
0°	1560.8	1614.8	1623.0	1607.0	1623.0	1614.8	1560.8	1468.7	1337.5	1198.1	1071.2
-2.5°	1541.8	1600.7	1614.7	1606.9	1614.7	1600.7	1541.8	1441.2	1315.5	1182.7	1056.8
-5°	1496.4	1568.1	1600.0	1601.4	1600.0	1568.1	1496.4	1395.9	1272.0	1146.7	1030.8
-7.5°	1412.9	1500.2	1542.0	1561.5	1542.0	1500.2	1412.9	1322.5	1210.2	1096.3	988.7
-10°	1313.0	1381.6	1430.7	1448.9	1430.7	1381.6	1313.0	1223.4	1130.0	1035.5	940.6
-12.5°	1203.2	1264.4	1303.9	1314.3	1303.9	1264.4	1203.2	1128.4	1046.8	965.8	885.0
-15°	1090.6	1140.3	1171.7	1181.7	1171.7	1140.3	1090.6	1028.5	963.0	894.2	822.5
-17.5°	984.7	1023.2	1045.6	1054.5	1045.6	1023.2	984.7	936.2	882.4	825.2	764.6
-20°	889.2	918.2	932.7	942.5	932.7	918.2	889.2	849.5	806.9	755.1	706.2



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	799.6	819.9	837.1	839.3	837.1	819.9	799.6	769.0	732.2	689.1	643.3
-25°	722.4	739.7	747.8	752.8	747.8	739.7	722.4	694.8	664.8	623.2	581.3
-27.5°	646.6	661.8	669.9	673.0	669.9	661.8	646.6	622.2	593.5	552.8	507.2
-30°	565.8	581.8	590.6	597.8	590.6	581.8	565.8	540.9	509.9	466.7	415.5
-32.5°	470.1	489.0	500.5	505.7	500.5	489.0	470.1	442.7	407.6	364.7	314.8
-35°	358.1	377.6	389.0	388.3	389.0	377.6	358.1	331.0	296.6	257.5	218.6
-37.5°	241.2	256.6	265.6	268.3	265.6	256.6	241.2	219.7	193.3	163.4	143.7
-40°	146.8	154.5	159.4	161.7	159.4	154.5	146.8	136.8	125.5	111.1	100.3
-42.5°	100.5	104.2	106.4	107.0	106.4	104.2	100.5	95.7	90.5	84.4	79.5
-45°	78.6	80.0	81.5	83.5	81.5	80.0	78.6	76.6	75.1	73.6	72.0
-47.5°	71.3	73.1	75.2	77.9	75.2	73.1	71.3	69.3	68.1	67.6	67.2
-50°	65.2	66.8	68.1	68.9	68.1	66.8	65.2	63.4	62.1	62.0	61.7
-52.5°	59.6	60.9	62.3	63.7	62.3	60.9	59.6	58.3	57.2	56.9	55.9
-55°	56.1	57.2	58.6	60.0	58.6	57.2	56.1	55.0	53.7	52.8	51.8
-57.5°	51.9	52.8	53.8	54.8	53.8	52.8	51.9	50.9	49.8	48.7	47.6
-60°	47.0	47.7	48.3	48.8	48.3	47.7	47.0	46.1	45.1	44.1	43.0
-62.5°	41.6	42.4	43.1	43.6	43.1	42.4	41.6	40.7	39.9	39.0	38.2
-65°	33.6	33.3	33.6	33.9	33.6	33.3	33.6	33.6	33.3	32.7	31.9
-67.5°	26.4	26.6	26.9	27.2	26.9	26.6	26.4	26.1	25.9	25.8	25.7
-70°	21.0	20.7	19.6	18.3	19.6	20.7	21.0	21.4	21.9	22.2	21.9
-72.5°	13.5	11.3	10.1	8.9	10.1	11.3	13.5	15.7	17.8	19.4	19.1
-75°	9.5	6.8	7.1	7.5	7.1	6.8	9.5	12.0	14.6	16.5	16.3
-77.5°	7.5	5.3	5.4	5.6	5.4	5.3	7.5	9.7	11.8	13.6	13.5
-80°	5.7	4.1	4.1	4.1	4.1	4.1	5.7	7.1	8.6	9.8	9.8
-82.5°	3.3	2.6	2.8	3.0	2.8	2.6	3.3	4.0	4.6	5.2	4.9
-85°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.4
-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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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°	1.4	1.3	1.3	1.5	1.6	1.7	1.8	1.6	1.4	1.2	1.0
82.5°	4.7	4.4	4.2	4.2	4.3	4.3	4.2	3.6	3.0	2.5	2.1
80°	9.7	9.5	9.2	8.6	8.2	7.8	7.3	6.0	4.9	3.9	3.3
77.5°	13.4	13.3	13.1	12.5	12.0	11.3	10.4	8.6	6.9	5.4	4.6
75°	16.1	15.9	15.6	15.1	14.6	14.0	13.1	11.4	9.6	7.7	6.7
72.5°	18.8	18.5	18.0	17.6	17.0	16.5	15.6	14.3	12.7	10.8	9.9
70°	21.6	21.2	20.8	20.2	19.6	18.9	18.4	17.5	16.2	14.6	13.7
67.5°	25.4	24.8	24.2	23.7	23.3	22.5	21.8	21.2	20.4	19.0	17.7
65°	31.2	30.5	30.0	29.3	28.4	27.4	26.0	25.0	24.1	23.2	22.0
62.5°	37.2	36.3	35.3	34.2	33.3	32.5	31.0	29.3	27.8	26.5	25.3
60°	41.8	40.6	39.6	38.4	37.3	36.2	35.1	33.6	31.7	30.3	28.8
57.5°	46.3	45.1	43.9	42.6	41.1	40.2	39.2	37.7	35.9	34.2	32.6
55°	50.6	49.8	48.9	47.4	45.4	44.6	43.6	42.3	40.4	38.2	36.3
52.5°	54.3	54.4	54.2	53.5	51.8	49.8	48.1	46.7	44.7	42.2	39.9
50°	61.0	60.0	59.4	59.0	57.3	55.3	53.2	51.2	48.6	45.9	43.3
47.5°	66.3	65.1	64.2	63.3	61.6	59.8	57.6	55.3	52.4	49.5	46.6
45°	70.7	69.2	67.5	66.3	64.9	63.2	61.3	58.8	56.1	53.1	49.9
42.5°	76.9	74.0	71.6	69.4	67.3	65.8	64.1	61.7	59.1	56.3	53.0
40°	91.1	81.5	77.6	73.6	70.6	68.0	66.0	64.1	61.6	58.9	55.7
37.5°	121.3	101.4	90.3	79.9	75.3	71.2	68.2	65.8	63.7	61.1	58.1
35°	175.5	143.0	114.7	96.3	82.3	76.0	71.0	67.8	65.3	62.9	60.2
32.5°	259.8	209.1	157.7	125.7	99.4	83.7	75.7	70.3	67.0	64.4	61.7
30°	357.3	292.0	228.9	168.3	129.6	99.3	82.0	74.3	69.2	65.8	63.1
27.5°	447.5	381.4	307.5	236.7	169.2	126.2	96.3	78.8	71.8	67.6	64.4
25°	526.2	460.9	389.5	310.1	231.5	158.5	115.7	90.1	75.8	69.4	65.9
22.5°	594.5	532.1	462.5	383.9	294.7	210.2	143.3	103.0	80.0	72.1	67.6
20°	647.3	594.2	525.3	446.8	358.3	261.0	174.5	122.2	90.9	75.4	69.3
17.5°	705.7	643.0	579.0	502.3	413.7	314.7	217.5	142.9	100.7	78.3	70.9
15°	758.7	689.6	621.4	546.9	460.8	363.0	255.7	161.9	111.7	83.9	73.2
12.5°	806.3	730.8	657.1	585.5	500.6	403.0	292.9	192.3	126.4	90.9	75.4
10°	850.2	768.4	690.6	614.6	530.2	434.7	325.2	217.5	139.0	96.9	77.2
7.5°	890.0	799.2	718.0	639.0	554.8	460.3	350.7	237.0	148.9	101.8	78.7
5°	921.4	823.1	737.9	655.3	575.0	479.3	369.2	250.8	156.1	105.4	79.8
2.5°	943.6	842.6	749.4	665.7	588.5	490.9	380.2	260.0	160.9	108.8	81.4
0°	954.0	851.5	755.4	665.8	592.2	493.8	383.5	264.6	163.2	111.1	82.7
-2.5°	943.6	842.6	749.4	665.7	588.5	490.9	380.2	260.0	160.9	108.8	81.4
-5°	921.4	823.1	737.9	655.3	575.0	479.3	369.2	250.8	156.1	105.4	79.8
-7.5°	890.0	799.2	718.0	639.0	554.8	460.3	350.7	237.0	148.9	101.8	78.7
-10°	850.2	768.4	690.6	614.6	530.2	434.7	325.2	217.5	139.0	96.9	77.2
-12.5°	806.3	730.8	657.1	585.5	500.6	403.0	292.9	192.3	126.4	90.9	75.4
-15°	758.7	689.6	621.4	546.9	460.8	363.0	255.7	161.9	111.7	83.9	73.2
-17.5°	705.7	643.0	579.0	502.3	413.7	314.7	217.5	142.9	100.7	78.3	70.9
-20°	647.3	594.2	525.3	446.8	358.3	261.0	174.5	122.2	90.9	75.4	69.3



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	594.5	532.1	462.5	383.9	294.7	210.2	143.3	103.0	80.0	72.1	67.6
-25°	526.2	460.9	389.5	310.1	231.5	158.5	115.7	90.1	75.8	69.4	65.9
-27.5°	447.5	381.4	307.5	236.7	169.2	126.2	96.3	78.8	71.8	67.6	64.4
-30°	357.3	292.0	228.9	168.3	129.6	99.3	82.0	74.3	69.2	65.8	63.1
-32.5°	259.8	209.1	157.7	125.7	99.4	83.7	75.7	70.3	67.0	64.4	61.7
-35°	175.5	143.0	114.7	96.3	82.3	76.0	71.0	67.8	65.3	62.9	60.2
-37.5°	121.3	101.4	90.3	79.9	75.3	71.2	68.2	65.8	63.7	61.1	58.1
-40°	91.1	81.5	77.6	73.6	70.6	68.0	66.0	64.1	61.6	58.9	55.7
-42.5°	76.9	74.0	71.6	69.4	67.3	65.8	64.1	61.7	59.1	56.3	53.0
-45°	70.7	69.2	67.5	66.3	64.9	63.2	61.3	58.8	56.1	53.1	49.9
-47.5°	66.3	65.1	64.2	63.3	61.6	59.8	57.6	55.3	52.4	49.5	46.6
-50°	61.0	60.0	59.4	59.0	57.3	55.3	53.2	51.2	48.6	45.9	43.3
-52.5°	54.3	54.4	54.2	53.5	51.8	49.8	48.1	46.7	44.7	42.2	39.9
-55°	50.6	49.8	48.9	47.4	45.4	44.6	43.6	42.3	40.4	38.2	36.3
-57.5°	46.3	45.1	43.9	42.6	41.1	40.2	39.2	37.7	35.9	34.2	32.6
-60°	41.8	40.6	39.6	38.4	37.3	36.2	35.1	33.6	31.7	30.3	28.8
-62.5°	37.2	36.3	35.3	34.2	33.3	32.5	31.0	29.3	27.8	26.5	25.3
-65°	31.2	30.5	30.0	29.3	28.4	27.4	26.0	25.0	24.1	23.2	22.0
-67.5°	25.4	24.8	24.2	23.7	23.3	22.5	21.8	21.2	20.4	19.0	17.7
-70°	21.6	21.2	20.8	20.2	19.6	18.9	18.4	17.5	16.2	14.6	13.7
-72.5°	18.8	18.5	18.0	17.6	17.0	16.5	15.6	14.3	12.7	10.8	9.9
-75°	16.1	15.9	15.6	15.1	14.6	14.0	13.1	11.4	9.6	7.7	6.7
-77.5°	13.4	13.3	13.1	12.5	12.0	11.3	10.4	8.6	6.9	5.4	4.6
-80°	9.7	9.5	9.2	8.6	8.2	7.8	7.3	6.0	4.9	3.9	3.3
-82.5°	4.7	4.4	4.2	4.2	4.3	4.3	4.2	3.6	3.0	2.5	2.1
-85°	1.4	1.3	1.3	1.5	1.6	1.7	1.8	1.6	1.4	1.2	1.0
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4
85°	1.1	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8
82.5°	2.4	2.5	2.6	2.6	2.4	2.1	1.9	1.7	1.6	1.4	1.3
80°	3.8	4.2	4.5	4.5	3.9	3.4	3.0	2.7	2.5	2.3	2.0
77.5°	5.4	6.0	6.5	6.5	5.8	5.1	4.4	3.8	3.5	3.2	2.8
75°	7.0	7.7	8.3	8.4	7.7	6.8	5.9	5.2	4.8	4.1	3.7
72.5°	10.1	10.2	10.4	10.3	9.8	9.0	7.8	6.7	6.1	5.5	4.6
70°	13.3	13.1	13.0	12.7	12.0	11.2	10.1	8.8	7.6	6.8	5.9
67.5°	16.7	16.1	15.7	15.1	14.4	13.5	12.5	11.0	9.5	8.2	7.1
65°	20.5	19.2	18.2	17.4	16.6	15.8	14.6	13.1	11.4	9.8	8.3
62.5°	24.0	22.4	21.0	19.7	18.7	17.8	16.7	14.8	13.1	11.3	9.6
60°	27.2	25.5	23.7	22.1	20.8	19.7	18.4	16.6	14.6	12.8	10.9
57.5°	30.8	28.7	26.5	24.5	22.8	21.5	19.9	18.0	16.0	14.1	12.1
55°	34.4	32.2	29.5	27.0	24.8	23.0	21.4	19.4	17.4	15.3	12.9
52.5°	37.8	35.5	32.7	29.6	26.9	24.6	22.7	20.8	18.6	16.4	13.4
50°	40.9	38.3	35.6	32.5	29.1	26.5	24.0	22.0	19.7	17.4	13.8
47.5°	43.6	40.9	38.1	35.2	31.8	28.2	25.5	23.2	20.9	18.4	14.0
45°	46.5	43.3	40.4	37.4	34.3	30.4	27.1	24.3	21.9	18.7	14.2
42.5°	49.4	45.8	42.6	39.5	36.3	32.5	28.5	25.6	22.9	18.9	14.3
40°	52.0	48.4	44.7	41.4	38.1	34.6	30.3	26.8	23.8	19.1	14.4
37.5°	54.4	50.7	46.9	43.3	39.9	36.2	32.1	28.0	24.0	19.2	14.4
35°	56.6	52.7	49.0	45.3	41.7	37.8	33.7	29.3	24.5	19.2	14.4
32.5°	58.8	54.8	51.0	47.1	43.3	39.4	35.2	30.5	25.2	19.2	14.2
30°	60.4	57.0	53.0	48.8	44.9	40.9	36.5	31.6	26.1	19.1	14.1
27.5°	61.9	58.9	55.0	50.5	46.4	42.3	37.7	32.7	27.1	19.3	13.9
25°	63.3	60.4	56.7	52.3	47.7	43.5	38.9	33.8	28.1	19.9	13.7
22.5°	64.5	61.7	58.2	54.0	48.9	44.7	40.0	34.7	28.9	20.6	13.4
20°	65.6	63.0	59.5	55.6	50.4	45.8	41.0	35.6	29.6	21.3	13.1
17.5°	66.5	64.2	60.7	56.7	51.8	46.8	41.8	36.4	30.3	22.1	12.8
15°	68.1	65.1	61.8	57.8	53.0	47.7	42.6	37.2	30.8	22.8	12.6
12.5°	69.6	66.1	62.8	58.8	54.0	48.6	43.2	37.8	31.3	23.3	12.6
10°	70.7	67.1	63.7	59.7	54.9	49.4	43.8	38.5	31.8	23.5	12.4
7.5°	71.7	68.0	64.5	60.4	55.7	50.1	44.3	39.1	32.4	23.4	12.2
5°	72.6	68.8	65.5	61.4	56.5	50.7	44.8	39.6	32.9	23.1	11.9
2.5°	74.2	69.5	66.5	62.3	57.2	51.1	45.2	40.0	33.3	22.7	11.6
0°	75.7	70.1	67.5	63.0	57.8	51.4	45.5	40.2	33.5	22.0	11.2
-2.5°	74.2	69.5	66.5	62.3	57.2	51.1	45.2	40.0	33.3	22.7	11.6
-5°	72.6	68.8	65.5	61.4	56.5	50.7	44.8	39.6	32.9	23.1	11.9
-7.5°	71.7	68.0	64.5	60.4	55.7	50.1	44.3	39.1	32.4	23.4	12.2
-10°	70.7	67.1	63.7	59.7	54.9	49.4	43.8	38.5	31.8	23.5	12.4
-12.5°	69.6	66.1	62.8	58.8	54.0	48.6	43.2	37.8	31.3	23.3	12.6
-15°	68.1	65.1	61.8	57.8	53.0	47.7	42.6	37.2	30.8	22.8	12.6
-17.5°	66.5	64.2	60.7	56.7	51.8	46.8	41.8	36.4	30.3	22.1	12.8
-20°	65.6	63.0	59.5	55.6	50.4	45.8	41.0	35.6	29.6	21.3	13.1



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	64.5	61.7	58.2	54.0	48.9	44.7	40.0	34.7	28.9	20.6	13.4
-25°	63.3	60.4	56.7	52.3	47.7	43.5	38.9	33.8	28.1	19.9	13.7
-27.5°	61.9	58.9	55.0	50.5	46.4	42.3	37.7	32.7	27.1	19.3	13.9
-30°	60.4	57.0	53.0	48.8	44.9	40.9	36.5	31.6	26.1	19.1	14.1
-32.5°	58.8	54.8	51.0	47.1	43.3	39.4	35.2	30.5	25.2	19.2	14.2
-35°	56.6	52.7	49.0	45.3	41.7	37.8	33.7	29.3	24.5	19.2	14.4
-37.5°	54.4	50.7	46.9	43.3	39.9	36.2	32.1	28.0	24.0	19.2	14.4
-40°	52.0	48.4	44.7	41.4	38.1	34.6	30.3	26.8	23.8	19.1	14.4
-42.5°	49.4	45.8	42.6	39.5	36.3	32.5	28.5	25.6	22.9	18.9	14.3
-45°	46.5	43.3	40.4	37.4	34.3	30.4	27.1	24.3	21.9	18.7	14.2
-47.5°	43.6	40.9	38.1	35.2	31.8	28.2	25.5	23.2	20.9	18.4	14.0
-50°	40.9	38.3	35.6	32.5	29.1	26.5	24.0	22.0	19.7	17.4	13.8
-52.5°	37.8	35.5	32.7	29.6	26.9	24.6	22.7	20.8	18.6	16.4	13.4
-55°	34.4	32.2	29.5	27.0	24.8	23.0	21.4	19.4	17.4	15.3	12.9
-57.5°	30.8	28.7	26.5	24.5	22.8	21.5	19.9	18.0	16.0	14.1	12.1
-60°	27.2	25.5	23.7	22.1	20.8	19.7	18.4	16.6	14.6	12.8	10.9
-62.5°	24.0	22.4	21.0	19.7	18.7	17.8	16.7	14.8	13.1	11.3	9.6
-65°	20.5	19.2	18.2	17.4	16.6	15.8	14.6	13.1	11.4	9.8	8.3
-67.5°	16.7	16.1	15.7	15.1	14.4	13.5	12.5	11.0	9.5	8.2	7.1
-70°	13.3	13.1	13.0	12.7	12.0	11.2	10.1	8.8	7.6	6.8	5.9
-72.5°	10.1	10.2	10.4	10.3	9.8	9.0	7.8	6.7	6.1	5.5	4.6
-75°	7.0	7.7	8.3	8.4	7.7	6.8	5.9	5.2	4.8	4.1	3.7
-77.5°	5.4	6.0	6.5	6.5	5.8	5.1	4.4	3.8	3.5	3.2	2.8
-80°	3.8	4.2	4.5	4.5	3.9	3.4	3.0	2.7	2.5	2.3	2.0
-82.5°	2.4	2.5	2.6	2.6	2.4	2.1	1.9	1.7	1.6	1.4	1.3
-85°	1.1	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8
-87.5°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	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: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-MWR-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°	0.4	0.3	0.2	0.2	0.1	0.0	0.0
85°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
80°	1.6	1.2	0.9	0.6	0.4	0.2	0.0
77.5°	2.3	1.6	1.1	0.8	0.5	0.2	0.0
75°	3.1	2.1	1.4	0.9	0.6	0.2	0.0
72.5°	3.8	2.6	1.7	1.1	0.6	0.3	0.0
70°	4.5	3.1	2.1	1.2	0.7	0.3	0.0
67.5°	5.4	3.6	2.4	1.4	0.8	0.3	0.0
65°	6.3	4.2	2.7	1.6	0.9	0.4	0.0
62.5°	7.2	4.8	3.0	1.8	1.0	0.4	0.0
60°	7.9	5.3	3.3	2.0	1.0	0.4	0.0
57.5°	8.6	5.9	3.6	2.2	1.2	0.5	0.0
55°	9.2	6.4	4.0	2.3	1.3	0.5	0.0
52.5°	9.7	6.8	4.3	2.5	1.4	0.5	0.0
50°	10.1	7.0	4.6	2.6	1.5	0.5	0.0
47.5°	10.3	7.2	4.8	2.8	1.6	0.6	0.0
45°	10.5	7.4	5.0	2.9	1.7	0.6	0.0
42.5°	10.5	7.4	5.2	3.0	1.7	0.6	0.0
40°	10.5	7.4	5.2	3.2	1.8	0.6	0.0
37.5°	10.3	7.3	5.2	3.3	1.9	0.7	0.0
35°	10.1	7.2	5.1	3.5	2.0	0.7	0.0
32.5°	9.9	7.0	5.0	3.7	2.1	0.7	0.0
30°	9.7	6.8	4.8	3.8	2.1	0.7	0.0
27.5°	9.5	6.5	4.9	4.0	2.2	0.7	0.0
25°	9.2	6.1	5.0	4.1	2.3	0.7	0.0
22.5°	8.9	5.9	5.0	4.3	2.3	0.7	0.0
20°	8.5	6.0	5.1	4.4	2.4	0.7	0.0
17.5°	8.4	6.0	5.1	4.6	2.4	0.7	0.0
15°	8.7	6.1	5.1	4.7	2.5	0.7	0.0
12.5°	8.9	6.2	5.2	4.8	2.5	0.7	0.0
10°	9.0	6.2	5.2	4.9	2.5	0.7	0.0
7.5°	9.1	6.3	5.2	5.0	2.6	0.7	0.0
5°	9.2	6.3	5.2	5.1	2.6	0.7	0.0
2.5°	9.3	6.3	5.2	5.1	2.6	0.7	0.0
0°	9.3	6.3	5.2	5.2	2.6	0.7	0.0
-2.5°	9.3	6.3	5.2	5.1	2.6	0.7	0.0
-5°	9.2	6.3	5.2	5.1	2.6	0.7	0.0
-7.5°	9.1	6.3	5.2	5.0	2.6	0.7	0.0
-10°	9.0	6.2	5.2	4.9	2.5	0.7	0.0
-12.5°	8.9	6.2	5.2	4.8	2.5	0.7	0.0
-15°	8.7	6.1	5.1	4.7	2.5	0.7	0.0
-17.5°	8.4	6.0	5.1	4.6	2.4	0.7	0.0
-20°	8.5	6.0	5.1	4.4	2.4	0.7	0.0



REPORT NUMBER: P561365 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.9	5.9	5.0	4.3	2.3	0.7	0.0
-25°	9.2	6.1	5.0	4.1	2.3	0.7	0.0
-27.5°	9.5	6.5	4.9	4.0	2.2	0.7	0.0
-30°	9.7	6.8	4.8	3.8	2.1	0.7	0.0
-32.5°	9.9	7.0	5.0	3.7	2.1	0.7	0.0
-35°	10.1	7.2	5.1	3.5	2.0	0.7	0.0
-37.5°	10.3	7.3	5.2	3.3	1.9	0.7	0.0
-40°	10.5	7.4	5.2	3.2	1.8	0.6	0.0
-42.5°	10.5	7.4	5.2	3.0	1.7	0.6	0.0
-45°	10.5	7.4	5.0	2.9	1.7	0.6	0.0
-47.5°	10.3	7.2	4.8	2.8	1.6	0.6	0.0
-50°	10.1	7.0	4.6	2.6	1.5	0.5	0.0
-52.5°	9.7	6.8	4.3	2.5	1.4	0.5	0.0
-55°	9.2	6.4	4.0	2.3	1.3	0.5	0.0
-57.5°	8.6	5.9	3.6	2.2	1.2	0.5	0.0
-60°	7.9	5.3	3.3	2.0	1.0	0.4	0.0
-62.5°	7.2	4.8	3.0	1.8	1.0	0.4	0.0
-65°	6.3	4.2	2.7	1.6	0.9	0.4	0.0
-67.5°	5.4	3.6	2.4	1.4	0.8	0.3	0.0
-70°	4.5	3.1	2.1	1.2	0.7	0.3	0.0
-72.5°	3.8	2.6	1.7	1.1	0.6	0.3	0.0
-75°	3.1	2.1	1.4	0.9	0.6	0.2	0.0
-77.5°	2.3	1.6	1.1	0.8	0.5	0.2	0.0
-80°	1.6	1.2	0.9	0.6	0.4	0.2	0.0
-82.5°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
-85°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.2	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)