

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: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-927-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

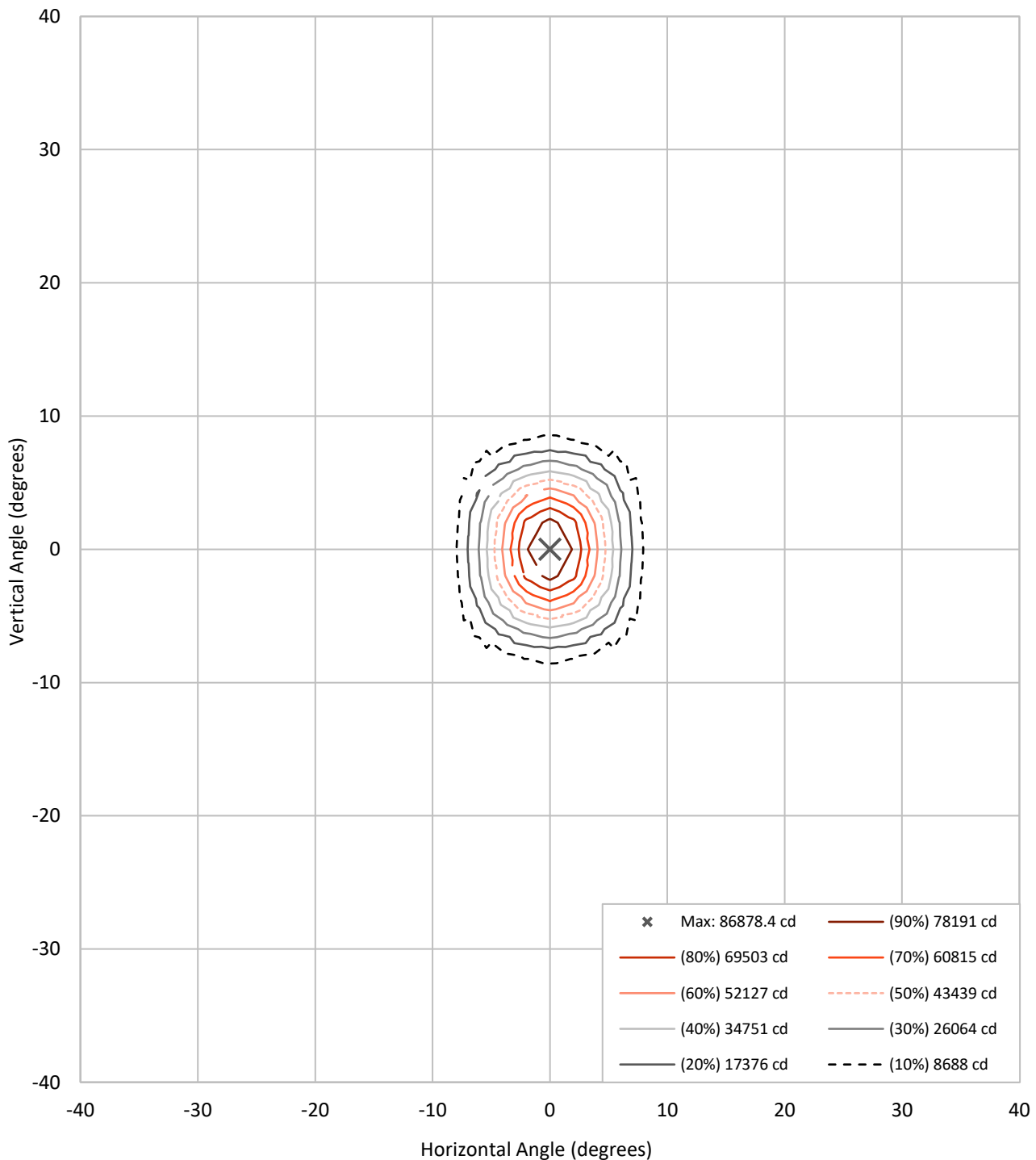
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3383.2 lumens	Max Intensity:	86878.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1450.1 lumens	Field Lumens:	2499.2 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 64
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: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

Iso-Candela Plot





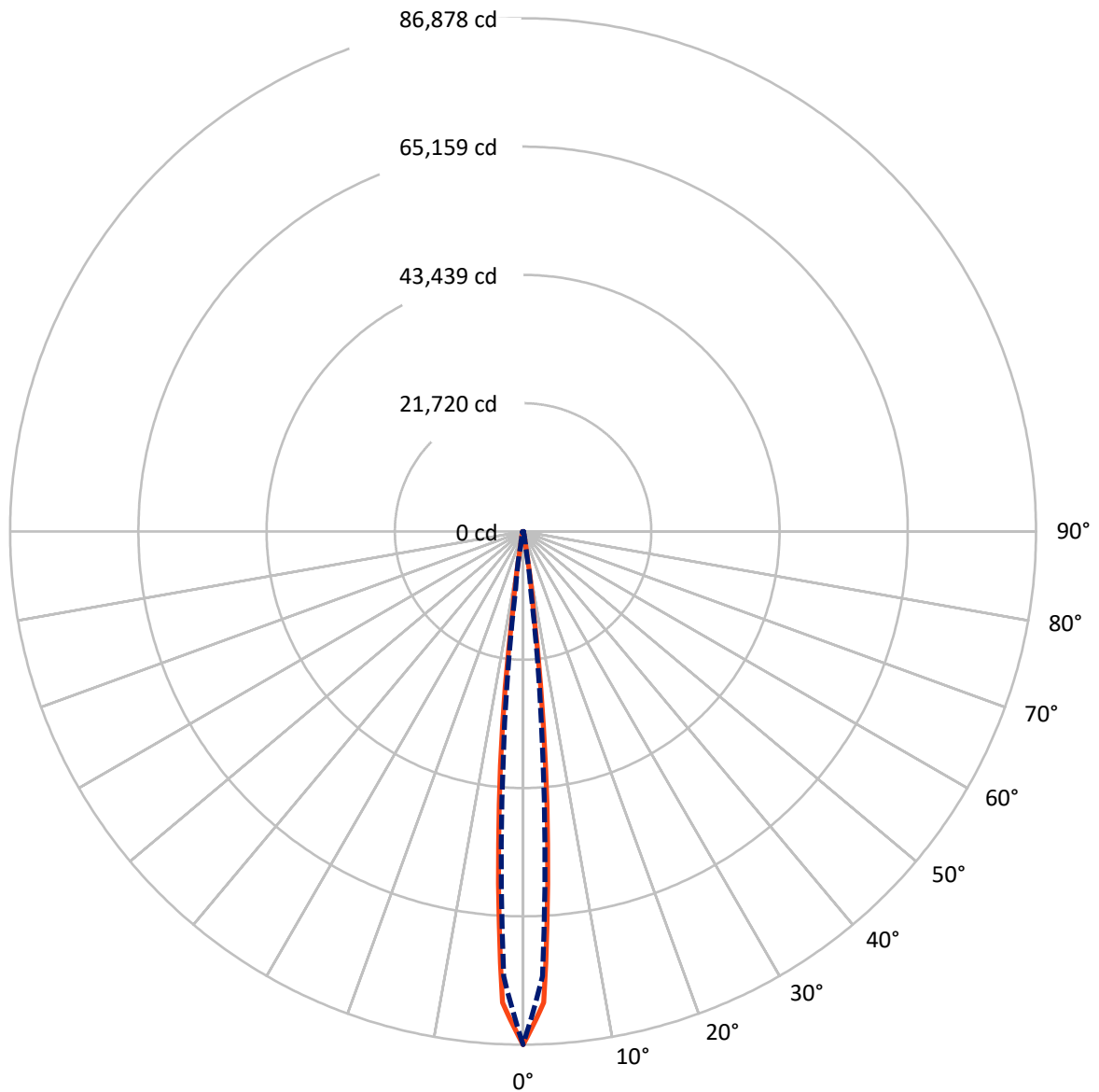
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Lumen Table

90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.6	0.7	1.2	2.1	2.1	1.2	0.7	0.6	0.4	0.2	0.1	0.1			
60		0.1	0.3	0.7	1.1	1.5	2.0	2.7	2.7	2.0	1.5	1.1	0.7	0.3	0.1				
50	0.2	0.2	0.5	1.1	1.9	2.9	3.7	4.4	4.4	3.7	2.9	1.9	1.1	0.5	0.2	0.2			
40		0.4	0.8	1.6	3.0	4.0	4.5	4.8	4.8	4.5	4.0	3.0	1.6	0.8	0.4				
30	0.3	0.5	1.0	2.3	3.6	4.4	5.9	7.8	7.8	5.9	4.4	3.6	2.3	1.0	0.5	0.3			
20		0.7	1.4	2.9	4.0	5.7	11.6	23.2	23.2	11.6	5.7	4.0	2.9	1.4	0.7				
10	0.4	0.8	1.7	3.3	4.2	7.4	23.0	679.7	679.7	23.0	7.4	4.2	3.3	1.7	0.8	0.4			
0		0.8	1.7	3.3	4.2	7.4	23.0	679.7	679.7	23.0	7.4	4.2	3.3	1.7	0.8				
-10	0.3	0.7	1.4	2.9	4.0	5.7	11.6	23.2	23.2	11.6	5.7	4.0	2.9	1.4	0.7	0.3			
-20		0.5	1.0	2.3	3.6	4.4	5.9	7.8	7.8	5.9	4.4	3.6	2.3	1.0	0.5				
-30	0.2	0.4	0.8	1.6	3.0	4.0	4.5	4.8	4.8	4.5	4.0	3.0	1.6	0.8	0.4	0.2			
-40		0.2	0.5	1.1	1.9	2.9	3.7	4.4	4.4	3.7	2.9	1.9	1.1	0.5	0.2				
-50	0.1	0.1	0.3	0.7	1.1	1.5	2.0	2.7	2.7	2.0	1.5	1.1	0.7	0.3	0.1	0.1			
-60		0.1	0.2	0.4	0.6	0.7	1.2	2.1	2.1	1.2	0.7	0.6	0.4	0.2	0.1				
-70	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							0.0			
-80		0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

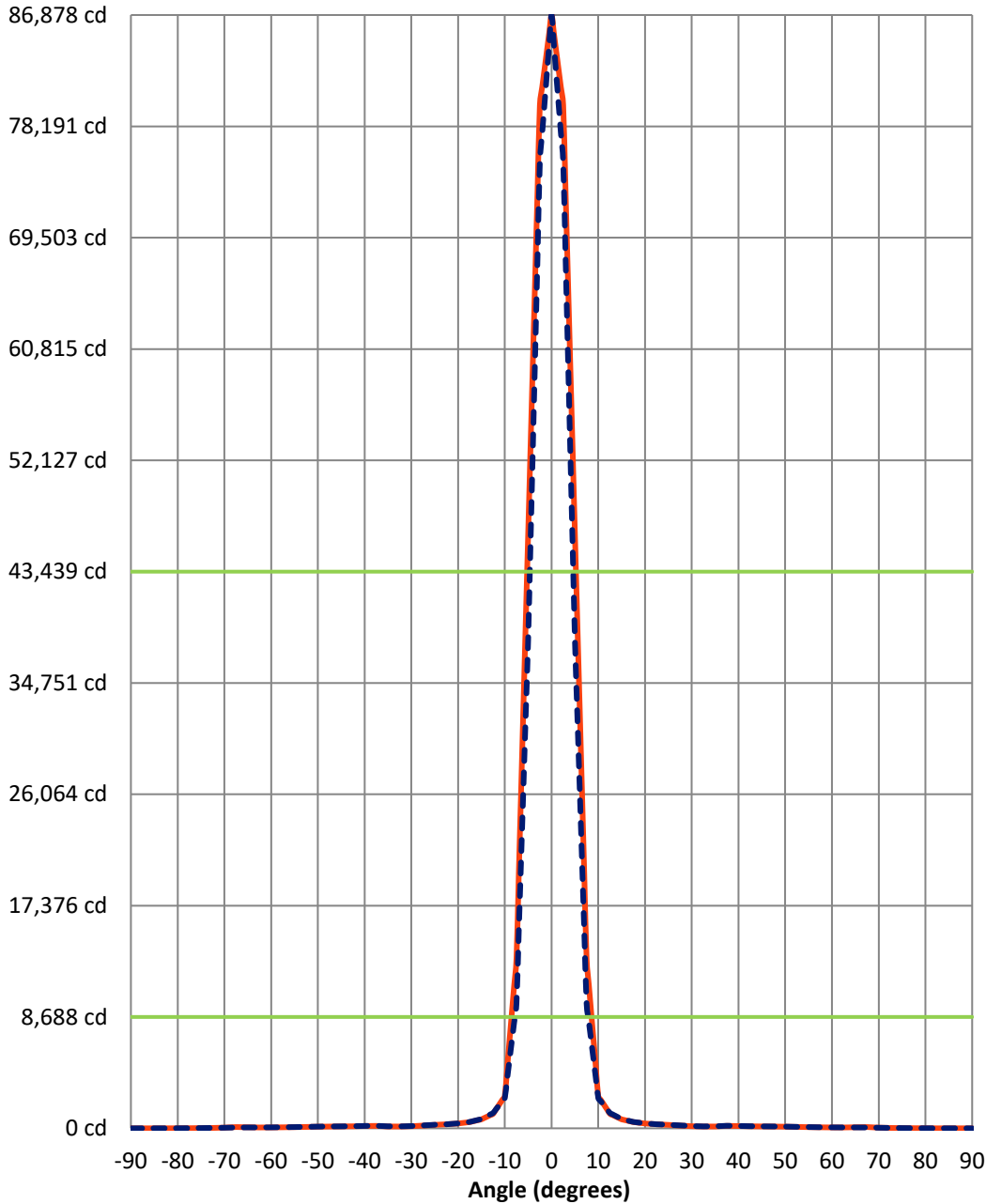
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 1450.1
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 2499.2
 Efficiency: 73.9%

Spill:
 Lumens: 884
 Efficiency: 26.1%

- 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	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.8	4.5
62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	2.9	3.8	4.7	5.8
60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.6	4.5	5.9	7.1
57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.2	5.6	7.2	8.6
55°	0.0	0.6	1.0	1.0	1.5	2.5	3.8	5.0	6.8	8.5	10.2
52.5°	0.0	0.6	1.0	1.0	1.8	2.8	4.5	6.1	7.9	10.0	11.8
50°	0.0	0.6	1.0	1.0	2.1	3.5	5.2	7.3	9.2	11.5	13.8
47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.0	8.5	10.6	13.1	15.9
45°	0.0	0.7	1.1	1.2	2.6	4.7	7.1	9.8	12.3	15.1	18.1
42.5°	0.0	0.7	1.1	1.4	2.8	5.3	8.2	11.2	14.0	17.1	20.7
40°	0.0	0.8	1.1	1.6	3.2	5.9	9.4	12.8	16.0	19.2	23.4
37.5°	0.0	0.8	1.1	1.8	3.6	6.6	10.5	14.4	18.2	21.9	26.2
35°	0.0	0.8	1.1	1.9	4.1	7.4	11.7	16.1	20.4	24.9	28.8
32.5°	0.0	0.8	1.2	2.1	4.6	8.3	12.9	17.8	22.7	28.1	32.2
30°	0.0	0.9	1.2	2.2	5.0	9.2	14.2	19.5	25.0	31.4	36.1
27.5°	0.0	0.9	1.2	2.3	5.3	10.0	15.6	21.4	27.4	34.8	40.3
25°	0.0	0.9	1.2	2.4	5.5	10.9	16.9	23.2	30.2	38.3	44.8
22.5°	0.0	0.9	1.3	2.4	5.7	11.6	18.2	25.0	33.0	42.0	48.7
20°	0.0	0.9	1.3	2.5	5.8	11.8	19.4	26.8	35.7	45.8	52.5
17.5°	0.0	1.0	1.3	2.5	5.9	12.0	20.1	28.5	38.5	49.8	56.2
15°	0.0	1.0	1.3	2.6	5.9	12.0	20.3	29.7	41.1	53.8	59.8
12.5°	0.0	1.0	1.4	2.6	5.9	12.0	20.5	30.4	42.8	57.8	63.4
10°	0.0	1.0	1.4	2.6	5.9	11.9	20.5	31.0	43.7	59.4	65.9
7.5°	0.0	1.0	1.4	2.6	5.8	11.8	20.5	31.4	44.3	60.3	66.4
5°	0.0	1.0	1.5	2.6	5.7	11.5	20.4	31.8	44.8	60.9	66.7
2.5°	0.0	1.0	1.5	2.5	5.6	11.2	20.1	32.0	45.0	61.3	67.0
0°	0.0	1.0	1.5	2.5	5.4	10.9	19.8	32.1	45.0	61.3	67.2
-2.5°	0.0	1.0	1.5	2.5	5.6	11.2	20.1	32.0	45.0	61.3	67.0
-5°	0.0	1.0	1.5	2.6	5.7	11.5	20.4	31.8	44.8	60.9	66.7
-7.5°	0.0	1.0	1.4	2.6	5.8	11.8	20.5	31.4	44.3	60.3	66.4
-10°	0.0	1.0	1.4	2.6	5.9	11.9	20.5	31.0	43.7	59.4	65.9
-12.5°	0.0	1.0	1.4	2.6	5.9	12.0	20.5	30.4	42.8	57.8	63.4
-15°	0.0	1.0	1.3	2.6	5.9	12.0	20.3	29.7	41.1	53.8	59.8
-17.5°	0.0	1.0	1.3	2.5	5.9	12.0	20.1	28.5	38.5	49.8	56.2
-20°	0.0	0.9	1.3	2.5	5.8	11.8	19.4	26.8	35.7	45.8	52.5



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	1.3	2.4	5.7	11.6	18.2	25.0	33.0	42.0	48.7
-25°	0.0	0.9	1.2	2.4	5.5	10.9	16.9	23.2	30.2	38.3	44.8
-27.5°	0.0	0.9	1.2	2.3	5.3	10.0	15.6	21.4	27.4	34.8	40.3
-30°	0.0	0.9	1.2	2.2	5.0	9.2	14.2	19.5	25.0	31.4	36.1
-32.5°	0.0	0.8	1.2	2.1	4.6	8.3	12.9	17.8	22.7	28.1	32.2
-35°	0.0	0.8	1.1	1.9	4.1	7.4	11.7	16.1	20.4	24.9	28.8
-37.5°	0.0	0.8	1.1	1.8	3.6	6.6	10.5	14.4	18.2	21.9	26.2
-40°	0.0	0.8	1.1	1.6	3.2	5.9	9.4	12.8	16.0	19.2	23.4
-42.5°	0.0	0.7	1.1	1.4	2.8	5.3	8.2	11.2	14.0	17.1	20.7
-45°	0.0	0.7	1.1	1.2	2.6	4.7	7.1	9.8	12.3	15.1	18.1
-47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.0	8.5	10.6	13.1	15.9
-50°	0.0	0.6	1.0	1.0	2.1	3.5	5.2	7.3	9.2	11.5	13.8
-52.5°	0.0	0.6	1.0	1.0	1.8	2.8	4.5	6.1	7.9	10.0	11.8
-55°	0.0	0.6	1.0	1.0	1.5	2.5	3.8	5.0	6.8	8.5	10.2
-57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.2	5.6	7.2	8.6
-60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.6	4.5	5.9	7.1
-62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	2.9	3.8	4.7	5.8
-65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.8	4.5
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
-75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	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



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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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
77.5°	1.3	1.5	1.7	1.9	2.1	2.4	2.8	3.1	3.4	3.8	4.2
75°	1.7	2.0	2.4	3.0	3.5	3.9	4.2	4.8	5.4	6.1	6.8
72.5°	2.4	3.0	3.6	4.3	5.1	5.8	6.5	7.2	8.2	9.4	10.3
70°	3.3	4.0	5.0	6.1	7.2	8.1	9.5	11.1	12.7	13.5	14.0
67.5°	4.2	5.4	6.6	8.0	9.5	11.0	12.9	14.6	16.3	16.9	17.6
65°	5.5	6.8	8.3	10.0	11.7	13.6	15.5	17.4	19.1	20.0	21.0
62.5°	6.7	8.3	10.1	12.0	13.9	15.8	18.1	20.1	21.6	23.4	25.5
60°	8.3	9.9	11.9	13.9	16.1	18.9	21.2	23.4	25.4	27.4	30.6
57.5°	9.9	11.5	13.7	16.1	19.1	22.2	24.9	27.3	30.0	32.9	36.1
55°	11.7	13.0	15.6	18.6	22.0	25.8	28.9	32.1	35.3	37.9	40.7
52.5°	13.7	14.9	17.6	21.0	25.0	29.3	33.4	36.8	39.7	42.5	45.7
50°	15.8	17.4	19.6	23.7	28.1	33.0	37.6	41.0	44.3	47.7	51.3
47.5°	18.3	20.1	21.9	26.3	31.4	36.3	41.1	45.4	49.1	53.6	57.7
45°	21.0	23.1	25.0	29.1	34.3	39.3	44.7	49.9	55.1	60.4	67.0
42.5°	23.8	26.1	28.6	31.8	37.0	42.5	48.3	55.2	61.8	69.1	77.7
40°	26.6	29.1	32.1	35.0	39.6	45.8	52.7	60.5	69.8	79.3	89.7
37.5°	29.3	32.2	35.4	38.4	42.5	49.4	57.1	67.0	78.3	90.2	103.4
35°	31.9	35.2	38.4	42.0	46.5	53.2	62.8	74.0	87.5	102.7	114.7
32.5°	34.5	38.0	41.3	45.6	51.2	58.0	68.3	82.4	98.0	113.3	121.4
30°	37.7	40.6	44.2	49.0	55.7	64.5	75.6	90.8	108.6	119.1	126.6
27.5°	42.1	43.1	47.2	52.8	60.4	70.9	84.6	100.4	115.1	124.3	131.1
25°	46.3	47.4	50.0	56.7	66.0	78.4	93.8	111.8	120.6	128.4	136.1
22.5°	50.4	51.6	54.8	60.3	71.5	86.1	104.0	119.8	128.1	133.0	141.4
20°	54.2	56.0	59.9	66.4	77.1	93.3	113.8	127.1	135.0	140.9	148.7
17.5°	58.0	60.3	65.2	73.0	84.9	101.4	122.8	134.4	142.1	147.8	157.4
15°	61.5	64.5	70.2	79.2	92.3	110.1	128.8	140.4	148.7	154.3	165.5
12.5°	65.0	68.6	75.0	84.9	98.9	117.7	133.8	144.2	152.5	161.1	172.7
10°	68.3	72.6	79.6	90.3	104.8	124.3	138.0	147.3	155.6	166.6	178.7
7.5°	68.9	74.6	83.3	95.2	110.0	129.8	141.5	149.7	158.7	171.6	184.1
5°	68.9	74.5	83.6	96.5	112.5	133.0	144.0	151.6	161.8	176.0	188.9
2.5°	68.8	74.1	83.7	96.9	113.1	133.4	144.3	152.0	163.5	180.3	193.3
0°	68.7	73.6	83.5	96.9	113.2	132.9	144.3	152.2	164.6	184.3	197.2
-2.5°	68.8	74.1	83.7	96.9	113.1	133.4	144.3	152.0	163.5	180.3	193.3
-5°	68.9	74.5	83.6	96.5	112.5	133.0	144.0	151.6	161.8	176.0	188.9
-7.5°	68.9	74.6	83.3	95.2	110.0	129.8	141.5	149.7	158.7	171.6	184.1
-10°	68.3	72.6	79.6	90.3	104.8	124.3	138.0	147.3	155.6	166.6	178.7
-12.5°	65.0	68.6	75.0	84.9	98.9	117.7	133.8	144.2	152.5	161.1	172.7
-15°	61.5	64.5	70.2	79.2	92.3	110.1	128.8	140.4	148.7	154.3	165.5
-17.5°	58.0	60.3	65.2	73.0	84.9	101.4	122.8	134.4	142.1	147.8	157.4
-20°	54.2	56.0	59.9	66.4	77.1	93.3	113.8	127.1	135.0	140.9	148.7



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	50.4	51.6	54.8	60.3	71.5	86.1	104.0	119.8	128.1	133.0	141.4
-25°	46.3	47.4	50.0	56.7	66.0	78.4	93.8	111.8	120.6	128.4	136.1
-27.5°	42.1	43.1	47.2	52.8	60.4	70.9	84.6	100.4	115.1	124.3	131.1
-30°	37.7	40.6	44.2	49.0	55.7	64.5	75.6	90.8	108.6	119.1	126.6
-32.5°	34.5	38.0	41.3	45.6	51.2	58.0	68.3	82.4	98.0	113.3	121.4
-35°	31.9	35.2	38.4	42.0	46.5	53.2	62.8	74.0	87.5	102.7	114.7
-37.5°	29.3	32.2	35.4	38.4	42.5	49.4	57.1	67.0	78.3	90.2	103.4
-40°	26.6	29.1	32.1	35.0	39.6	45.8	52.7	60.5	69.8	79.3	89.7
-42.5°	23.8	26.1	28.6	31.8	37.0	42.5	48.3	55.2	61.8	69.1	77.7
-45°	21.0	23.1	25.0	29.1	34.3	39.3	44.7	49.9	55.1	60.4	67.0
-47.5°	18.3	20.1	21.9	26.3	31.4	36.3	41.1	45.4	49.1	53.6	57.7
-50°	15.8	17.4	19.6	23.7	28.1	33.0	37.6	41.0	44.3	47.7	51.3
-52.5°	13.7	14.9	17.6	21.0	25.0	29.3	33.4	36.8	39.7	42.5	45.7
-55°	11.7	13.0	15.6	18.6	22.0	25.8	28.9	32.1	35.3	37.9	40.7
-57.5°	9.9	11.5	13.7	16.1	19.1	22.2	24.9	27.3	30.0	32.9	36.1
-60°	8.3	9.9	11.9	13.9	16.1	18.9	21.2	23.4	25.4	27.4	30.6
-62.5°	6.7	8.3	10.1	12.0	13.9	15.8	18.1	20.1	21.6	23.4	25.5
-65°	5.5	6.8	8.3	10.0	11.7	13.6	15.5	17.4	19.1	20.0	21.0
-67.5°	4.2	5.4	6.6	8.0	9.5	11.0	12.9	14.6	16.3	16.9	17.6
-70°	3.3	4.0	5.0	6.1	7.2	8.1	9.5	11.1	12.7	13.5	14.0
-72.5°	2.4	3.0	3.6	4.3	5.1	5.8	6.5	7.2	8.2	9.4	10.3
-75°	1.7	2.0	2.4	3.0	3.5	3.9	4.2	4.8	5.4	6.1	6.8
-77.5°	1.3	1.5	1.7	1.9	2.1	2.4	2.8	3.1	3.4	3.8	4.2
-80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
-82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
-85°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	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: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
80°	2.6	2.9	3.0	3.2	3.3	3.6	4.0	4.5	4.9	5.1	5.2
77.5°	4.7	5.0	5.3	5.4	5.6	6.3	7.3	8.4	9.4	10.0	10.5
75°	7.5	7.9	8.2	8.4	8.5	9.7	11.4	13.3	15.2	16.2	16.9
72.5°	10.9	11.2	11.5	11.7	11.8	13.6	16.7	20.2	23.9	26.1	27.7
70°	14.5	14.8	15.2	15.4	15.6	17.7	22.3	27.1	32.1	37.1	42.4
67.5°	18.3	19.1	19.5	19.8	20.0	21.8	26.7	31.2	35.4	44.4	58.6
65°	22.4	24.3	25.1	25.6	25.8	26.6	30.8	34.5	37.9	44.9	55.7
62.5°	27.8	30.3	31.5	31.9	32.2	32.3	35.7	38.9	41.8	46.2	53.0
60°	33.5	36.2	37.6	38.0	38.3	38.4	41.1	44.3	47.1	50.7	57.1
57.5°	38.7	41.3	43.4	44.2	44.9	45.4	47.8	51.4	54.9	58.4	65.3
55°	43.7	46.8	49.7	51.4	52.9	54.2	56.6	61.2	65.6	69.8	76.9
52.5°	49.2	53.1	57.0	60.0	62.9	65.4	67.9	73.9	79.8	85.3	92.3
50°	55.7	60.6	66.3	71.1	75.2	79.3	82.9	90.0	98.0	105.6	112.8
47.5°	64.0	70.4	77.7	84.5	90.1	96.4	102.1	109.4	116.4	123.5	129.5
45°	74.1	83.0	91.4	100.5	108.4	112.6	115.9	120.4	127.7	134.6	140.2
42.5°	87.1	97.5	107.8	114.5	119.6	123.0	125.4	127.8	135.4	142.1	147.6
40°	101.5	111.9	118.3	123.8	127.4	130.4	134.1	137.9	143.8	150.7	156.8
37.5°	114.0	120.7	126.3	130.6	134.9	138.9	144.4	149.7	155.4	163.1	168.7
35°	121.7	127.6	133.3	138.7	144.2	150.4	157.1	165.0	172.0	165.6	156.5
32.5°	127.6	133.6	140.5	148.8	156.4	164.8	173.4	159.7	145.7	140.2	141.3
30°	132.7	139.7	149.1	160.1	170.6	166.9	148.2	141.7	143.6	147.4	154.8
27.5°	138.2	146.9	158.4	171.9	163.6	142.9	144.0	147.8	160.6	171.5	188.0
25°	144.7	155.2	169.5	163.2	144.3	146.3	155.8	170.3	194.7	217.4	237.3
22.5°	152.5	165.9	167.8	144.3	146.9	159.4	178.9	210.2	239.8	267.2	287.7
20°	160.4	175.9	152.1	147.1	158.1	180.5	216.6	252.5	285.6	310.2	330.7
17.5°	169.9	164.4	147.6	152.9	175.1	213.7	254.4	292.5	323.7	366.2	402.3
15°	178.2	153.5	150.3	167.7	201.2	244.7	288.8	323.0	379.3	440.2	501.8
12.5°	173.5	149.6	155.1	181.0	224.9	271.9	311.0	365.1	439.6	528.6	662.2
10°	166.4	151.8	165.5	199.2	245.3	291.0	331.5	402.5	500.9	664.3	874.7
7.5°	160.9	152.7	172.3	213.2	260.3	302.5	356.6	442.7	579.8	803.9	1252.0
5°	156.8	152.6	175.4	221.3	269.3	310.5	372.1	471.8	657.1	976.4	1742.1
2.5°	154.9	151.8	176.2	225.7	273.7	315.0	381.6	492.9	705.9	1136.6	2290.8
0°	156.2	150.2	175.9	227.3	276.3	314.3	383.0	499.2	720.6	1195.8	2364.4
-2.5°	154.9	151.8	176.2	225.7	273.7	315.0	381.6	492.9	705.9	1136.6	2290.8
-5°	156.8	152.6	175.4	221.3	269.3	310.5	372.1	471.8	657.1	976.4	1742.1
-7.5°	160.9	152.7	172.3	213.2	260.3	302.5	356.6	442.7	579.8	803.9	1252.0
-10°	166.4	151.8	165.5	199.2	245.3	291.0	331.5	402.5	500.9	664.3	874.7
-12.5°	173.5	149.6	155.1	181.0	224.9	271.9	311.0	365.1	439.6	528.6	662.2
-15°	178.2	153.5	150.3	167.7	201.2	244.7	288.8	323.0	379.3	440.2	501.8
-17.5°	169.9	164.4	147.6	152.9	175.1	213.7	254.4	292.5	323.7	366.2	402.3
-20°	160.4	175.9	152.1	147.1	158.1	180.5	216.6	252.5	285.6	310.2	330.7



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	152.5	165.9	167.8	144.3	146.9	159.4	178.9	210.2	239.8	267.2	287.7
-25°	144.7	155.2	169.5	163.2	144.3	146.3	155.8	170.3	194.7	217.4	237.3
-27.5°	138.2	146.9	158.4	171.9	163.6	142.9	144.0	147.8	160.6	171.5	188.0
-30°	132.7	139.7	149.1	160.1	170.6	166.9	148.2	141.7	143.6	147.4	154.8
-32.5°	127.6	133.6	140.5	148.8	156.4	164.8	173.4	159.7	145.7	140.2	141.3
-35°	121.7	127.6	133.3	138.7	144.2	150.4	157.1	165.0	172.0	165.6	156.5
-37.5°	114.0	120.7	126.3	130.6	134.9	138.9	144.4	149.7	155.4	163.1	168.7
-40°	101.5	111.9	118.3	123.8	127.4	130.4	134.1	137.9	143.8	150.7	156.8
-42.5°	87.1	97.5	107.8	114.5	119.6	123.0	125.4	127.8	135.4	142.1	147.6
-45°	74.1	83.0	91.4	100.5	108.4	112.6	115.9	120.4	127.7	134.6	140.2
-47.5°	64.0	70.4	77.7	84.5	90.1	96.4	102.1	109.4	116.4	123.5	129.5
-50°	55.7	60.6	66.3	71.1	75.2	79.3	82.9	90.0	98.0	105.6	112.8
-52.5°	49.2	53.1	57.0	60.0	62.9	65.4	67.9	73.9	79.8	85.3	92.3
-55°	43.7	46.8	49.7	51.4	52.9	54.2	56.6	61.2	65.6	69.8	76.9
-57.5°	38.7	41.3	43.4	44.2	44.9	45.4	47.8	51.4	54.9	58.4	65.3
-60°	33.5	36.2	37.6	38.0	38.3	38.4	41.1	44.3	47.1	50.7	57.1
-62.5°	27.8	30.3	31.5	31.9	32.2	32.3	35.7	38.9	41.8	46.2	53.0
-65°	22.4	24.3	25.1	25.6	25.8	26.6	30.8	34.5	37.9	44.9	55.7
-67.5°	18.3	19.1	19.5	19.8	20.0	21.8	26.7	31.2	35.4	44.4	58.6
-70°	14.5	14.8	15.2	15.4	15.6	17.7	22.3	27.1	32.1	37.1	42.4
-72.5°	10.9	11.2	11.5	11.7	11.8	13.6	16.7	20.2	23.9	26.1	27.7
-75°	7.5	7.9	8.2	8.4	8.5	9.7	11.4	13.3	15.2	16.2	16.9
-77.5°	4.7	5.0	5.3	5.4	5.6	6.3	7.3	8.4	9.4	10.0	10.5
-80°	2.6	2.9	3.0	3.2	3.3	3.6	4.0	4.5	4.9	5.1	5.2
-82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
-85°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
80°	5.3	5.3	5.1	4.9	5.1	5.3	5.3	5.2	5.1	4.9	4.5
77.5°	10.9	11.3	10.9	10.4	10.9	11.3	10.9	10.5	10.0	9.4	8.4
75°	17.5	18.1	17.8	17.3	17.8	18.1	17.5	16.9	16.2	15.2	13.3
72.5°	29.2	30.7	30.3	29.7	30.3	30.7	29.2	27.7	26.1	23.9	20.2
70°	47.9	53.6	53.3	51.9	53.3	53.6	47.9	42.4	37.1	32.1	27.1
67.5°	73.9	89.8	94.9	97.4	94.9	89.8	73.9	58.6	44.4	35.4	31.2
65°	65.8	75.4	79.2	82.0	79.2	75.4	65.8	55.7	44.9	37.9	34.5
62.5°	59.1	64.8	66.1	66.2	66.1	64.8	59.1	53.0	46.2	41.8	38.9
60°	63.3	69.4	70.3	69.2	70.3	69.4	63.3	57.1	50.7	47.1	44.3
57.5°	71.9	78.3	79.5	78.1	79.5	78.3	71.9	65.3	58.4	54.9	51.4
55°	83.8	90.2	92.3	91.9	92.3	90.2	83.8	76.9	69.8	65.6	61.2
52.5°	98.9	104.8	107.3	107.2	107.3	104.8	98.9	92.3	85.3	79.8	73.9
50°	119.2	124.5	127.1	127.5	127.1	124.5	119.2	112.8	105.6	98.0	90.0
47.5°	133.8	137.3	139.2	139.4	139.2	137.3	133.8	129.5	123.5	116.4	109.4
45°	142.8	144.7	146.1	147.3	146.1	144.7	142.8	140.2	134.6	127.7	120.4
42.5°	151.3	155.2	158.0	158.6	158.0	155.2	151.3	147.6	142.1	135.4	127.8
40°	162.5	167.9	173.0	178.4	173.0	167.9	162.5	156.8	150.7	143.8	137.9
37.5°	174.6	180.5	185.5	188.3	185.5	180.5	174.6	168.7	163.1	155.4	149.7
35°	150.0	146.1	143.7	142.8	143.7	146.1	150.0	156.5	165.6	172.0	165.0
32.5°	142.0	142.2	141.8	140.9	141.8	142.2	142.0	141.3	140.2	145.7	159.7
30°	160.3	162.9	163.3	163.1	163.3	162.9	160.3	154.8	147.4	143.6	141.7
27.5°	200.2	206.8	208.9	213.0	208.9	206.8	200.2	188.0	171.5	160.6	147.8
25°	252.7	262.8	267.6	269.4	267.6	262.8	252.7	237.3	217.4	194.7	170.3
22.5°	299.3	307.0	311.5	315.3	311.5	307.0	299.3	287.7	267.2	239.8	210.2
20°	354.6	368.7	375.1	375.6	375.1	368.7	354.6	330.7	310.2	285.6	252.5
17.5°	441.0	468.3	482.0	485.8	482.0	468.3	441.0	402.3	366.2	323.7	292.5
15°	577.3	647.0	682.9	699.8	682.9	647.0	577.3	501.8	440.2	379.3	323.0
12.5°	799.5	956.8	1083.9	1131.8	1083.9	956.8	799.5	662.2	528.6	439.6	365.1
10°	1239.8	1709.5	2258.2	2514.2	2258.2	1709.5	1239.8	874.7	664.3	500.9	402.5
7.5°	2398.5	5568.9	10793.3	13285.5	10793.3	5568.9	2398.5	1252.0	803.9	579.8	442.7
5°	5112.4	22063.6	39513.1	46411.5	39513.1	22063.6	5112.4	1742.1	976.4	657.1	471.8
2.5°	8143.0	36187.2	68279.4	79838.6	68279.4	36187.2	8143.0	2290.8	1136.6	705.9	492.9
0°	9729.2	38134.6	75344.8	86878.4	75344.8	38134.6	9729.2	2364.4	1195.8	720.6	499.2
-2.5°	8143.0	36187.2	68279.4	79838.5	68279.4	36187.2	8143.0	2290.8	1136.6	705.9	492.9
-5°	5112.4	22063.6	39513.1	46411.5	39513.1	22063.6	5112.4	1742.1	976.4	657.1	471.8
-7.5°	2398.5	5568.9	10793.3	13285.5	10793.3	5568.9	2398.5	1252.0	803.9	579.8	442.7
-10°	1239.8	1709.5	2258.2	2514.2	2258.2	1709.5	1239.8	874.7	664.3	500.9	402.5
-12.5°	799.5	956.8	1083.9	1131.8	1083.9	956.8	799.5	662.2	528.6	439.6	365.1
-15°	577.3	647.0	682.9	699.8	682.9	647.0	577.3	501.8	440.2	379.3	323.0
-17.5°	441.0	468.3	482.0	485.8	482.0	468.3	441.0	402.3	366.2	323.7	292.5
-20°	354.6	368.7	375.1	375.6	375.1	368.7	354.6	330.7	310.2	285.6	252.5



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	299.3	307.0	311.5	315.3	311.5	307.0	299.3	287.7	267.2	239.8	210.2
-25°	252.7	262.8	267.6	269.4	267.6	262.8	252.7	237.3	217.4	194.7	170.3
-27.5°	200.2	206.8	208.9	213.0	208.9	206.8	200.2	188.0	171.5	160.6	147.8
-30°	160.3	162.9	163.3	163.1	163.3	162.9	160.3	154.8	147.4	143.6	141.7
-32.5°	142.0	142.2	141.8	140.9	141.8	142.2	142.0	141.3	140.2	145.7	159.7
-35°	150.0	146.1	143.7	142.8	143.7	146.1	150.0	156.5	165.6	172.0	165.0
-37.5°	174.6	180.5	185.5	188.3	185.5	180.5	174.6	168.7	163.1	155.4	149.7
-40°	162.5	167.9	173.0	178.4	173.0	167.9	162.5	156.8	150.7	143.8	137.9
-42.5°	151.3	155.2	158.0	158.6	158.0	155.2	151.3	147.6	142.1	135.4	127.8
-45°	142.8	144.7	146.1	147.3	146.1	144.7	142.8	140.2	134.6	127.7	120.4
-47.5°	133.8	137.3	139.2	139.4	139.2	137.3	133.8	129.5	123.5	116.4	109.4
-50°	119.2	124.5	127.1	127.5	127.1	124.5	119.2	112.8	105.6	98.0	90.0
-52.5°	98.9	104.8	107.3	107.2	107.3	104.8	98.9	92.3	85.3	79.8	73.9
-55°	83.8	90.2	92.3	91.9	92.3	90.2	83.8	76.9	69.8	65.6	61.2
-57.5°	71.9	78.3	79.5	78.1	79.5	78.3	71.9	65.3	58.4	54.9	51.4
-60°	63.3	69.4	70.3	69.2	70.3	69.4	63.3	57.1	50.7	47.1	44.3
-62.5°	59.1	64.8	66.1	66.2	66.1	64.8	59.1	53.0	46.2	41.8	38.9
-65°	65.8	75.4	79.2	82.0	79.2	75.4	65.8	55.7	44.9	37.9	34.5
-67.5°	73.9	89.8	94.9	97.4	94.9	89.8	73.9	58.6	44.4	35.4	31.2
-70°	47.9	53.6	53.3	51.9	53.3	53.6	47.9	42.4	37.1	32.1	27.1
-72.5°	29.2	30.7	30.3	29.7	30.3	30.7	29.2	27.7	26.1	23.9	20.2
-75°	17.5	18.1	17.8	17.3	17.8	18.1	17.5	16.9	16.2	15.2	13.3
-77.5°	10.9	11.3	10.9	10.4	10.9	11.3	10.9	10.5	10.0	9.4	8.4
-80°	5.3	5.3	5.1	4.9	5.1	5.3	5.3	5.2	5.1	4.9	4.5
-82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
80°	4.0	3.6	3.3	3.2	3.0	2.9	2.6	2.4	2.1	1.9	1.8
77.5°	7.3	6.3	5.6	5.4	5.3	5.0	4.7	4.2	3.8	3.4	3.1
75°	11.4	9.7	8.5	8.4	8.2	7.9	7.5	6.8	6.1	5.4	4.8
72.5°	16.7	13.6	11.8	11.7	11.5	11.2	10.9	10.3	9.4	8.2	7.2
70°	22.3	17.7	15.6	15.4	15.2	14.8	14.5	14.0	13.5	12.7	11.1
67.5°	26.7	21.8	20.0	19.8	19.5	19.1	18.3	17.6	16.9	16.3	14.6
65°	30.8	26.6	25.8	25.6	25.1	24.3	22.4	21.0	20.0	19.1	17.4
62.5°	35.7	32.3	32.2	31.9	31.5	30.3	27.8	25.5	23.4	21.6	20.1
60°	41.1	38.4	38.3	38.0	37.6	36.2	33.5	30.6	27.4	25.4	23.4
57.5°	47.8	45.4	44.9	44.2	43.4	41.3	38.7	36.1	32.9	30.0	27.3
55°	56.6	54.2	52.9	51.4	49.7	46.8	43.7	40.7	37.9	35.3	32.1
52.5°	67.9	65.4	62.9	60.0	57.0	53.1	49.2	45.7	42.5	39.7	36.8
50°	82.9	79.3	75.2	71.1	66.3	60.6	55.7	51.3	47.7	44.3	41.0
47.5°	102.1	96.4	90.1	84.5	77.7	70.4	64.0	57.7	53.6	49.1	45.4
45°	115.9	112.6	108.4	100.5	91.4	83.0	74.1	67.0	60.4	55.1	49.9
42.5°	125.4	123.0	119.6	114.5	107.8	97.5	87.1	77.7	69.1	61.8	55.2
40°	134.1	130.4	127.4	123.8	118.3	111.9	101.5	89.7	79.3	69.8	60.5
37.5°	144.4	138.9	134.9	130.6	126.3	120.7	114.0	103.4	90.2	78.3	67.0
35°	157.1	150.4	144.2	138.7	133.3	127.6	121.7	114.7	102.7	87.5	74.0
32.5°	173.4	164.8	156.4	148.8	140.5	133.6	127.6	121.4	113.3	98.0	82.4
30°	148.2	166.9	170.6	160.1	149.1	139.7	132.7	126.6	119.1	108.6	90.8
27.5°	144.0	142.9	163.6	171.9	158.4	146.9	138.2	131.1	124.3	115.1	100.4
25°	155.8	146.3	144.3	163.2	169.5	155.2	144.7	136.1	128.4	120.6	111.8
22.5°	178.9	159.4	146.9	144.3	167.8	165.9	152.5	141.4	133.0	128.1	119.8
20°	216.6	180.5	158.1	147.1	152.1	175.9	160.4	148.7	140.9	135.0	127.1
17.5°	254.4	213.7	175.1	152.9	147.6	164.4	169.9	157.4	147.8	142.1	134.4
15°	288.8	244.7	201.2	167.7	150.3	153.5	178.2	165.5	154.3	148.7	140.4
12.5°	311.0	271.9	224.9	181.0	155.1	149.6	173.5	172.7	161.1	152.5	144.2
10°	331.5	291.0	245.3	199.2	165.5	151.8	166.4	178.7	166.6	155.6	147.3
7.5°	356.6	302.5	260.3	213.2	172.3	152.7	160.9	184.1	171.6	158.7	149.7
5°	372.1	310.5	269.3	221.3	175.4	152.6	156.8	188.9	176.0	161.8	151.6
2.5°	381.6	315.0	273.7	225.7	176.2	151.8	154.9	193.3	180.3	163.5	152.0
0°	383.0	314.3	276.3	227.3	175.9	150.2	156.2	197.2	184.3	164.6	152.2
-2.5°	381.6	315.0	273.7	225.7	176.2	151.8	154.9	193.3	180.3	163.5	152.0
-5°	372.1	310.5	269.3	221.3	175.4	152.6	156.8	188.9	176.0	161.8	151.6
-7.5°	356.6	302.5	260.3	213.2	172.3	152.7	160.9	184.1	171.6	158.7	149.7
-10°	331.5	291.0	245.3	199.2	165.5	151.8	166.4	178.7	166.6	155.6	147.3
-12.5°	311.0	271.9	224.9	181.0	155.1	149.6	173.5	172.7	161.1	152.5	144.2
-15°	288.8	244.7	201.2	167.7	150.3	153.5	178.2	165.5	154.3	148.7	140.4
-17.5°	254.4	213.7	175.1	152.9	147.6	164.4	169.9	157.4	147.8	142.1	134.4
-20°	216.6	180.5	158.1	147.1	152.1	175.9	160.4	148.7	140.9	135.0	127.1



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	178.9	159.4	146.9	144.3	167.8	165.9	152.5	141.4	133.0	128.1	119.8
-25°	155.8	146.3	144.3	163.2	169.5	155.2	144.7	136.1	128.4	120.6	111.8
-27.5°	144.0	142.9	163.6	171.9	158.4	146.9	138.2	131.1	124.3	115.1	100.4
-30°	148.2	166.9	170.6	160.1	149.1	139.7	132.7	126.6	119.1	108.6	90.8
-32.5°	173.4	164.8	156.4	148.8	140.5	133.6	127.6	121.4	113.3	98.0	82.4
-35°	157.1	150.4	144.2	138.7	133.3	127.6	121.7	114.7	102.7	87.5	74.0
-37.5°	144.4	138.9	134.9	130.6	126.3	120.7	114.0	103.4	90.2	78.3	67.0
-40°	134.1	130.4	127.4	123.8	118.3	111.9	101.5	89.7	79.3	69.8	60.5
-42.5°	125.4	123.0	119.6	114.5	107.8	97.5	87.1	77.7	69.1	61.8	55.2
-45°	115.9	112.6	108.4	100.5	91.4	83.0	74.1	67.0	60.4	55.1	49.9
-47.5°	102.1	96.4	90.1	84.5	77.7	70.4	64.0	57.7	53.6	49.1	45.4
-50°	82.9	79.3	75.2	71.1	66.3	60.6	55.7	51.3	47.7	44.3	41.0
-52.5°	67.9	65.4	62.9	60.0	57.0	53.1	49.2	45.7	42.5	39.7	36.8
-55°	56.6	54.2	52.9	51.4	49.7	46.8	43.7	40.7	37.9	35.3	32.1
-57.5°	47.8	45.4	44.9	44.2	43.4	41.3	38.7	36.1	32.9	30.0	27.3
-60°	41.1	38.4	38.3	38.0	37.6	36.2	33.5	30.6	27.4	25.4	23.4
-62.5°	35.7	32.3	32.2	31.9	31.5	30.3	27.8	25.5	23.4	21.6	20.1
-65°	30.8	26.6	25.8	25.6	25.1	24.3	22.4	21.0	20.0	19.1	17.4
-67.5°	26.7	21.8	20.0	19.8	19.5	19.1	18.3	17.6	16.9	16.3	14.6
-70°	22.3	17.7	15.6	15.4	15.2	14.8	14.5	14.0	13.5	12.7	11.1
-72.5°	16.7	13.6	11.8	11.7	11.5	11.2	10.9	10.3	9.4	8.2	7.2
-75°	11.4	9.7	8.5	8.4	8.2	7.9	7.5	6.8	6.1	5.4	4.8
-77.5°	7.3	6.3	5.6	5.4	5.3	5.0	4.7	4.2	3.8	3.4	3.1
-80°	4.0	3.6	3.3	3.2	3.0	2.9	2.6	2.4	2.1	1.9	1.8
-82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
-85°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-87.5°	0.5	0.5	0.5	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: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

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	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3
85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.8	2.4	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
75°	4.2	3.9	3.5	3.0	2.4	2.0	1.7	1.5	1.3	1.0	1.0
72.5°	6.5	5.8	5.1	4.3	3.6	3.0	2.4	2.0	1.8	1.5	1.1
70°	9.5	8.1	7.2	6.1	5.0	4.0	3.3	2.7	2.2	1.9	1.5
67.5°	12.9	11.0	9.5	8.0	6.6	5.4	4.2	3.6	3.0	2.3	1.9
65°	15.5	13.6	11.7	10.0	8.3	6.8	5.5	4.5	3.8	3.1	2.3
62.5°	18.1	15.8	13.9	12.0	10.1	8.3	6.7	5.8	4.7	3.8	2.9
60°	21.2	18.9	16.1	13.9	11.9	9.9	8.3	7.1	5.9	4.5	3.6
57.5°	24.9	22.2	19.1	16.1	13.7	11.5	9.9	8.6	7.2	5.6	4.2
55°	28.9	25.8	22.0	18.6	15.6	13.0	11.7	10.2	8.5	6.8	5.0
52.5°	33.4	29.3	25.0	21.0	17.6	14.9	13.7	11.8	10.0	7.9	6.1
50°	37.6	33.0	28.1	23.7	19.6	17.4	15.8	13.8	11.5	9.2	7.3
47.5°	41.1	36.3	31.4	26.3	21.9	20.1	18.3	15.9	13.1	10.6	8.5
45°	44.7	39.3	34.3	29.1	25.0	23.1	21.0	18.1	15.1	12.3	9.8
42.5°	48.3	42.5	37.0	31.8	28.6	26.1	23.8	20.7	17.1	14.0	11.2
40°	52.7	45.8	39.6	35.0	32.1	29.1	26.6	23.4	19.2	16.0	12.8
37.5°	57.1	49.4	42.5	38.4	35.4	32.2	29.3	26.2	21.9	18.2	14.4
35°	62.8	53.2	46.5	42.0	38.4	35.2	31.9	28.8	24.9	20.4	16.1
32.5°	68.3	58.0	51.2	45.6	41.3	38.0	34.5	32.2	28.1	22.7	17.8
30°	75.6	64.5	55.7	49.0	44.2	40.6	37.7	36.1	31.4	25.0	19.5
27.5°	84.6	70.9	60.4	52.8	47.2	43.1	42.1	40.3	34.8	27.4	21.4
25°	93.8	78.4	66.0	56.7	50.0	47.4	46.3	44.8	38.3	30.2	23.2
22.5°	104.0	86.1	71.5	60.3	54.8	51.6	50.4	48.7	42.0	33.0	25.0
20°	113.8	93.3	77.1	66.4	59.9	56.0	54.2	52.5	45.8	35.7	26.8
17.5°	122.8	101.4	84.9	73.0	65.2	60.3	58.0	56.2	49.8	38.5	28.5
15°	128.8	110.1	92.3	79.2	70.2	64.5	61.5	59.8	53.8	41.1	29.7
12.5°	133.8	117.7	98.9	84.9	75.0	68.6	65.0	63.4	57.8	42.8	30.4
10°	138.0	124.3	104.8	90.3	79.6	72.6	68.3	65.9	59.4	43.7	31.0
7.5°	141.5	129.8	110.0	95.2	83.3	74.6	68.9	66.4	60.3	44.3	31.4
5°	144.0	133.0	112.5	96.5	83.6	74.5	68.9	66.7	60.9	44.8	31.8
2.5°	144.3	133.4	113.1	96.9	83.7	74.1	68.8	67.0	61.3	45.0	32.0
0°	144.3	132.9	113.2	96.9	83.5	73.6	68.7	67.2	61.3	45.0	32.1
-2.5°	144.3	133.4	113.1	96.9	83.7	74.1	68.8	67.0	61.3	45.0	32.0
-5°	144.0	133.0	112.5	96.5	83.6	74.5	68.9	66.7	60.9	44.8	31.8
-7.5°	141.5	129.8	110.0	95.2	83.3	74.6	68.9	66.4	60.3	44.3	31.4
-10°	138.0	124.3	104.8	90.3	79.6	72.6	68.3	65.9	59.4	43.7	31.0
-12.5°	133.8	117.7	98.9	84.9	75.0	68.6	65.0	63.4	57.8	42.8	30.4
-15°	128.8	110.1	92.3	79.2	70.2	64.5	61.5	59.8	53.8	41.1	29.7
-17.5°	122.8	101.4	84.9	73.0	65.2	60.3	58.0	56.2	49.8	38.5	28.5
-20°	113.8	93.3	77.1	66.4	59.9	56.0	54.2	52.5	45.8	35.7	26.8



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	104.0	86.1	71.5	60.3	54.8	51.6	50.4	48.7	42.0	33.0	25.0
-25°	93.8	78.4	66.0	56.7	50.0	47.4	46.3	44.8	38.3	30.2	23.2
-27.5°	84.6	70.9	60.4	52.8	47.2	43.1	42.1	40.3	34.8	27.4	21.4
-30°	75.6	64.5	55.7	49.0	44.2	40.6	37.7	36.1	31.4	25.0	19.5
-32.5°	68.3	58.0	51.2	45.6	41.3	38.0	34.5	32.2	28.1	22.7	17.8
-35°	62.8	53.2	46.5	42.0	38.4	35.2	31.9	28.8	24.9	20.4	16.1
-37.5°	57.1	49.4	42.5	38.4	35.4	32.2	29.3	26.2	21.9	18.2	14.4
-40°	52.7	45.8	39.6	35.0	32.1	29.1	26.6	23.4	19.2	16.0	12.8
-42.5°	48.3	42.5	37.0	31.8	28.6	26.1	23.8	20.7	17.1	14.0	11.2
-45°	44.7	39.3	34.3	29.1	25.0	23.1	21.0	18.1	15.1	12.3	9.8
-47.5°	41.1	36.3	31.4	26.3	21.9	20.1	18.3	15.9	13.1	10.6	8.5
-50°	37.6	33.0	28.1	23.7	19.6	17.4	15.8	13.8	11.5	9.2	7.3
-52.5°	33.4	29.3	25.0	21.0	17.6	14.9	13.7	11.8	10.0	7.9	6.1
-55°	28.9	25.8	22.0	18.6	15.6	13.0	11.7	10.2	8.5	6.8	5.0
-57.5°	24.9	22.2	19.1	16.1	13.7	11.5	9.9	8.6	7.2	5.6	4.2
-60°	21.2	18.9	16.1	13.9	11.9	9.9	8.3	7.1	5.9	4.5	3.6
-62.5°	18.1	15.8	13.9	12.0	10.1	8.3	6.7	5.8	4.7	3.8	2.9
-65°	15.5	13.6	11.7	10.0	8.3	6.8	5.5	4.5	3.8	3.1	2.3
-67.5°	12.9	11.0	9.5	8.0	6.6	5.4	4.2	3.6	3.0	2.3	1.9
-70°	9.5	8.1	7.2	6.1	5.0	4.0	3.3	2.7	2.2	1.9	1.5
-72.5°	6.5	5.8	5.1	4.3	3.6	3.0	2.4	2.0	1.8	1.5	1.1
-75°	4.2	3.9	3.5	3.0	2.4	2.0	1.7	1.5	1.3	1.0	1.0
-77.5°	2.8	2.4	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
-80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
-85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
-87.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	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: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
55°	3.8	2.5	1.5	1.0	1.0	0.6	0.0
52.5°	4.5	2.8	1.8	1.0	1.0	0.6	0.0
50°	5.2	3.5	2.1	1.0	1.0	0.6	0.0
47.5°	6.0	4.1	2.3	1.0	1.0	0.7	0.0
45°	7.1	4.7	2.6	1.2	1.1	0.7	0.0
42.5°	8.2	5.3	2.8	1.4	1.1	0.7	0.0
40°	9.4	5.9	3.2	1.6	1.1	0.8	0.0
37.5°	10.5	6.6	3.6	1.8	1.1	0.8	0.0
35°	11.7	7.4	4.1	1.9	1.1	0.8	0.0
32.5°	12.9	8.3	4.6	2.1	1.2	0.8	0.0
30°	14.2	9.2	5.0	2.2	1.2	0.9	0.0
27.5°	15.6	10.0	5.3	2.3	1.2	0.9	0.0
25°	16.9	10.9	5.5	2.4	1.2	0.9	0.0
22.5°	18.2	11.6	5.7	2.4	1.3	0.9	0.0
20°	19.4	11.8	5.8	2.5	1.3	0.9	0.0
17.5°	20.1	12.0	5.9	2.5	1.3	1.0	0.0
15°	20.3	12.0	5.9	2.6	1.3	1.0	0.0
12.5°	20.5	12.0	5.9	2.6	1.4	1.0	0.0
10°	20.5	11.9	5.9	2.6	1.4	1.0	0.0
7.5°	20.5	11.8	5.8	2.6	1.4	1.0	0.0
5°	20.4	11.5	5.7	2.6	1.5	1.0	0.0
2.5°	20.1	11.2	5.6	2.5	1.5	1.0	0.0
0°	19.8	10.9	5.4	2.5	1.5	1.0	0.0
-2.5°	20.1	11.2	5.6	2.5	1.5	1.0	0.0
-5°	20.4	11.5	5.7	2.6	1.5	1.0	0.0
-7.5°	20.5	11.8	5.8	2.6	1.4	1.0	0.0
-10°	20.5	11.9	5.9	2.6	1.4	1.0	0.0
-12.5°	20.5	12.0	5.9	2.6	1.4	1.0	0.0
-15°	20.3	12.0	5.9	2.6	1.3	1.0	0.0
-17.5°	20.1	12.0	5.9	2.5	1.3	1.0	0.0
-20°	19.4	11.8	5.8	2.5	1.3	0.9	0.0



REPORT NUMBER: P558593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.2	11.6	5.7	2.4	1.3	0.9	0.0
-25°	16.9	10.9	5.5	2.4	1.2	0.9	0.0
-27.5°	15.6	10.0	5.3	2.3	1.2	0.9	0.0
-30°	14.2	9.2	5.0	2.2	1.2	0.9	0.0
-32.5°	12.9	8.3	4.6	2.1	1.2	0.8	0.0
-35°	11.7	7.4	4.1	1.9	1.1	0.8	0.0
-37.5°	10.5	6.6	3.6	1.8	1.1	0.8	0.0
-40°	9.4	5.9	3.2	1.6	1.1	0.8	0.0
-42.5°	8.2	5.3	2.8	1.4	1.1	0.7	0.0
-45°	7.1	4.7	2.6	1.2	1.1	0.7	0.0
-47.5°	6.0	4.1	2.3	1.0	1.0	0.7	0.0
-50°	5.2	3.5	2.1	1.0	1.0	0.6	0.0
-52.5°	4.5	2.8	1.8	1.0	1.0	0.6	0.0
-55°	3.8	2.5	1.5	1.0	1.0	0.6	0.0
-57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
-60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
-62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
-65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
-67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
-70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
-72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
-75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
-77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	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)