

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: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2C-927-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

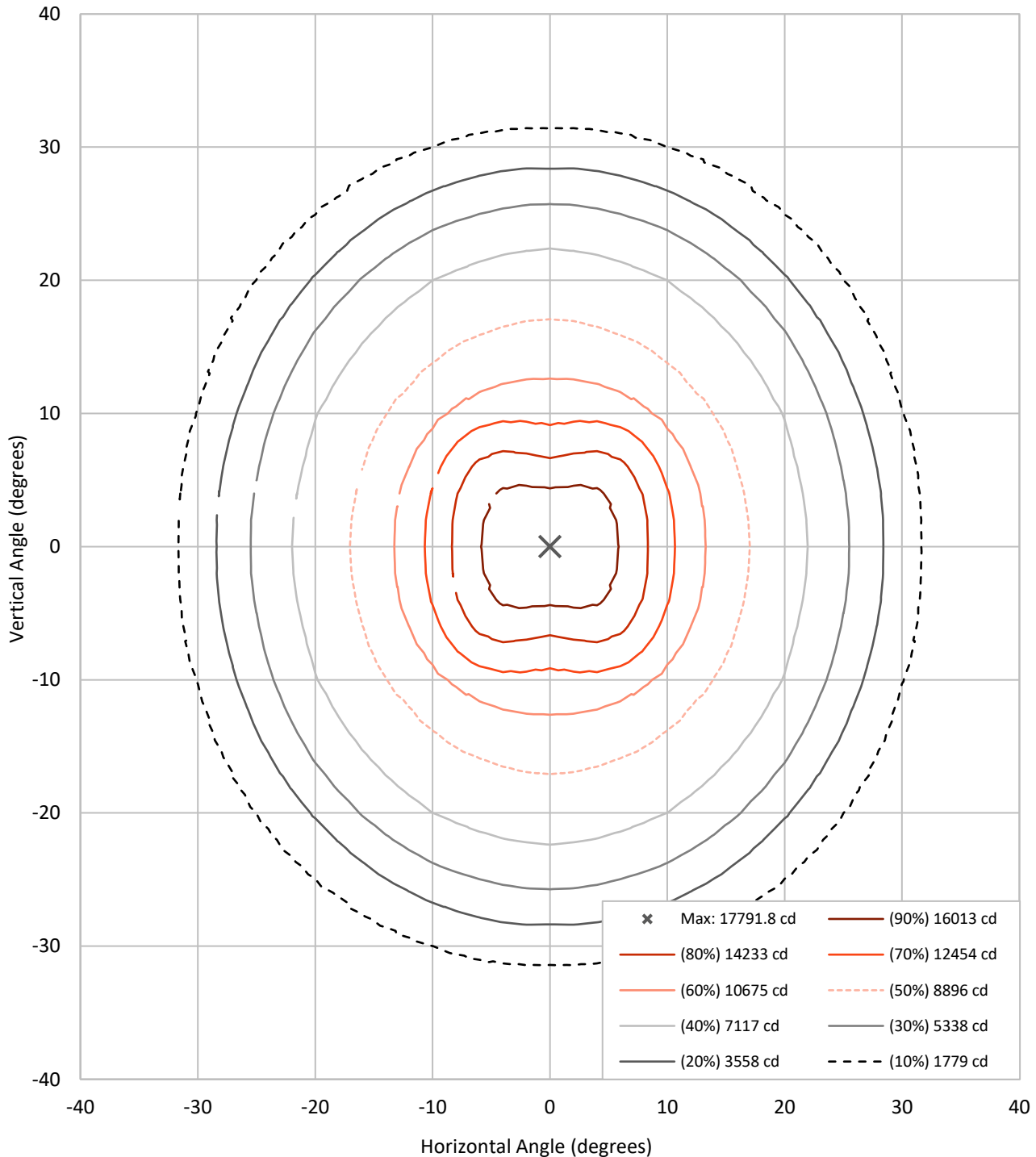
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7870.6 lumens	Max Intensity:	17791.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	3352.4 lumens	Field Lumens:	6851.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 83
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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CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

Iso-Candela Plot





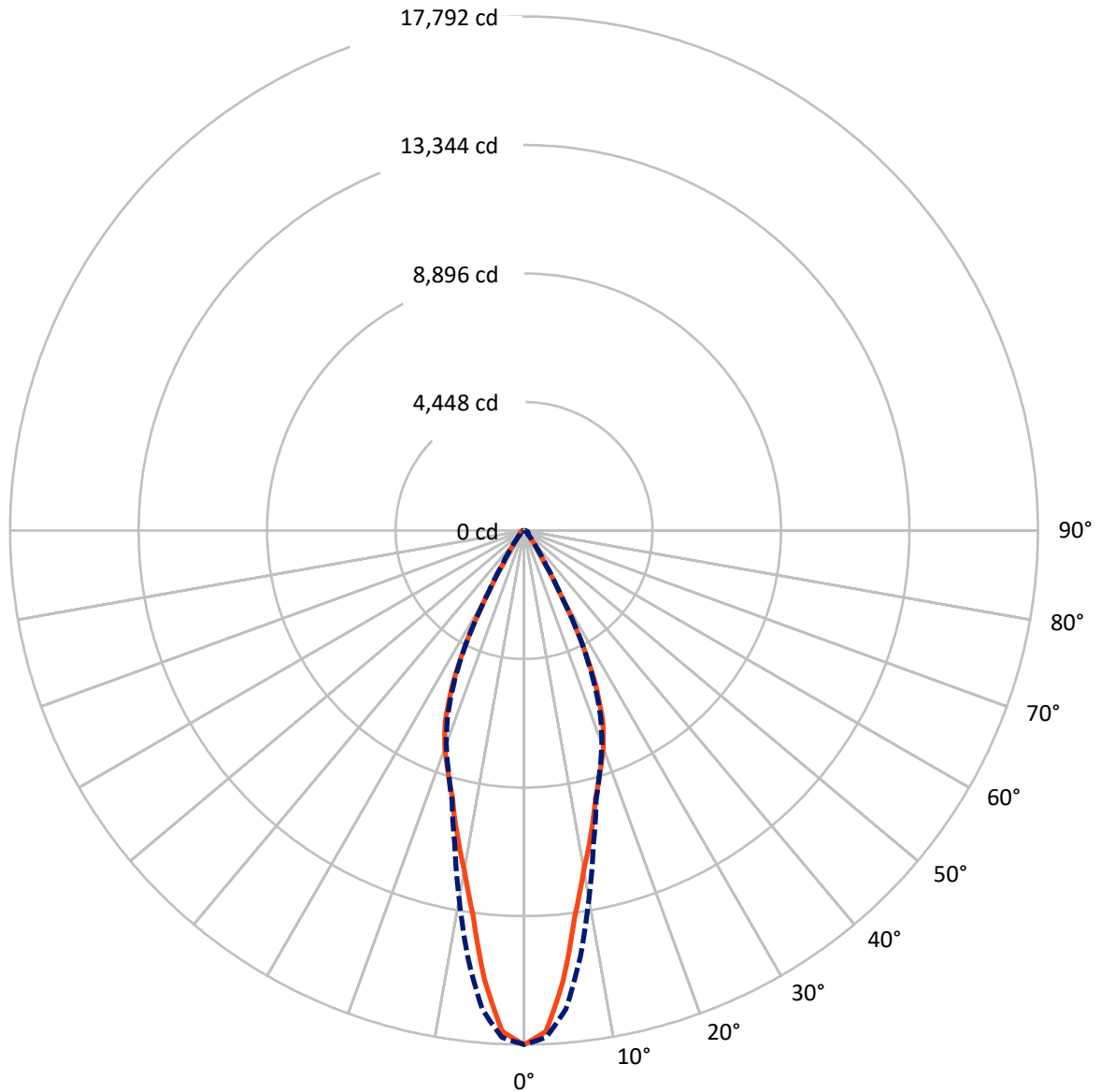
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Lumen Table

90																
80	0.1	0.9		2.4		4.0		4.7		4.0		2.4		0.9	0.1	
70																
60	0.4	0.5	1.0	1.7	2.5	3.3	3.8	4.2	4.2	3.8	3.3	2.5	1.7	1.0	0.5	0.4
50		0.7	1.6	2.8	3.8	4.3	4.5	4.7	4.7	4.5	4.3	3.8	2.8	1.6	0.7	
40	0.7	1.0	2.2	3.4	3.9	4.8	6.2	7.2	7.2	6.2	4.8	3.9	3.4	2.2	1.0	0.7
30		1.3	2.6	3.4	5.1	10.0	19.1	29.1	29.1	19.1	10.0	5.1	3.4	2.6	1.3	
20	1.0	1.5	2.7	3.8	9.2	30.6	96.3	158.5	158.5	96.3	30.6	9.2	3.8	2.7	1.5	1.0
10		1.6	2.7	4.7	17.2	90.8	214.5	284.1	284.1	214.5	90.8	17.2	4.7	2.7	1.6	
0	1.1	1.7	2.7	5.4	26.1	143.0	279.0	440.2	440.2	279.0	143.0	26.1	5.4	2.7	1.7	1.1
-10		1.7	2.7	5.4	26.1	143.0	279.0	440.2	440.2	279.0	143.0	26.1	5.4	2.7	1.7	
-20	1.0	1.6	2.7	4.7	17.2	90.8	214.5	284.1	284.1	214.5	90.8	17.2	4.7	2.7	1.6	1.0
-30		1.5	2.7	3.8	9.2	30.6	96.3	158.5	158.5	96.3	30.6	9.2	3.8	2.7	1.5	
-40	0.7	1.3	2.6	3.4	5.1	10.0	19.1	29.1	29.1	19.1	10.0	5.1	3.4	2.6	1.3	0.7
-50		1.0	2.2	3.4	3.9	4.8	6.2	7.2	7.2	6.2	4.8	3.9	3.4	2.2	1.0	
-60	0.4	0.7	1.6	2.8	3.8	4.3	4.5	4.7	4.7	4.5	4.3	3.8	2.8	1.6	0.7	0.4
-70		0.5	1.0	1.7	2.5	3.3	3.8	4.2	4.2	3.8	3.3	2.5	1.7	1.0	0.5	
-80																
-90	0.1	0.9		2.4		4.0		4.7		4.0		2.4		0.9	0.1	
Horizontal Angle (degrees)																

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CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

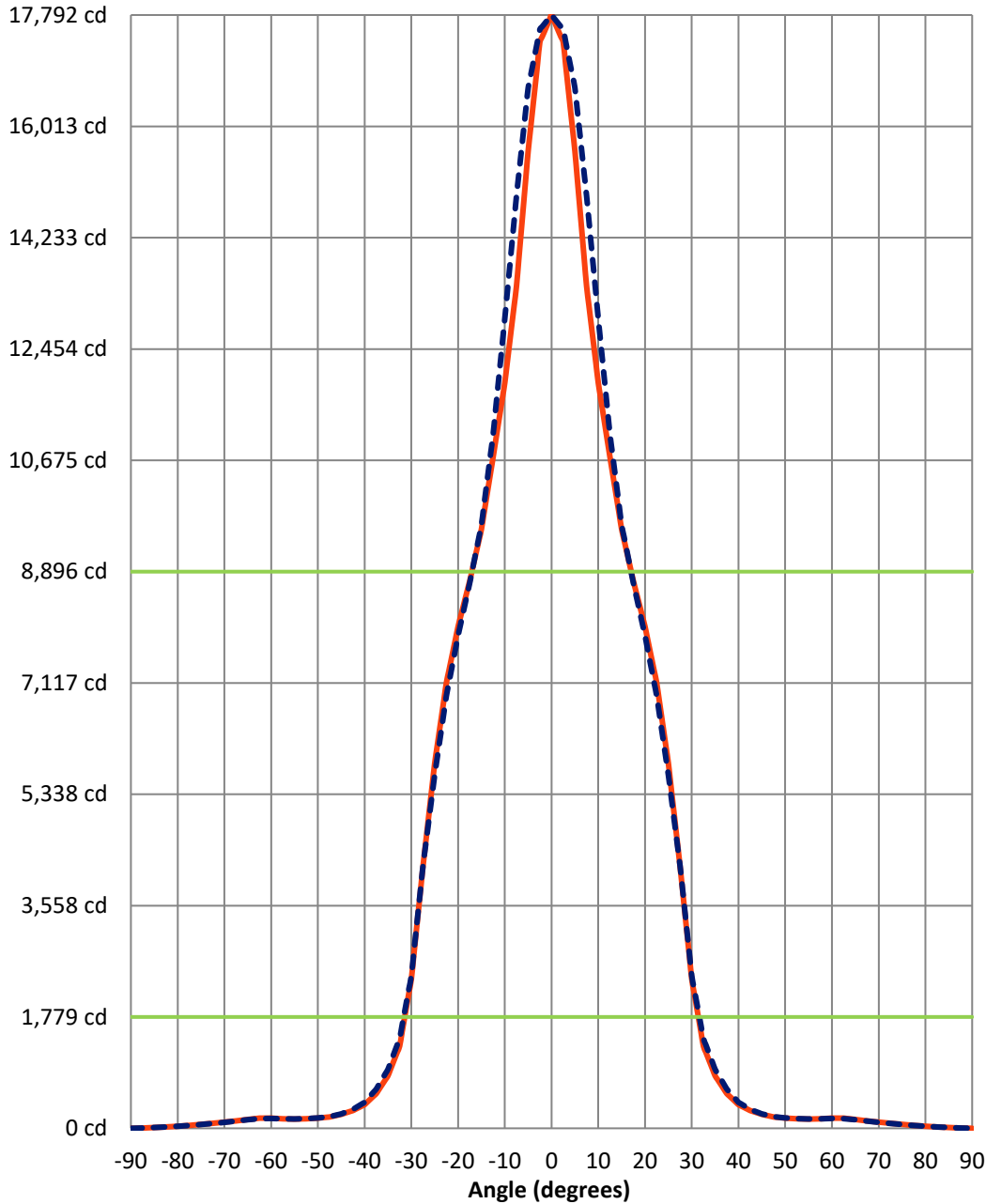
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 3352.4
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 6851.6
 Efficiency: 87.1%

Spill:
 Lumens: 1019
 Efficiency: 12.9%

- 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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.7	5.6	6.5
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.8	6.1	7.4	8.6	9.7
77.5°	0.0	1.0	1.9	2.9	3.9	5.1	6.9	8.5	10.1	11.5	13.0
75°	0.0	1.2	2.3	3.5	4.7	6.8	8.9	10.9	12.8	14.7	16.7
72.5°	0.0	1.4	2.7	4.0	6.1	8.5	11.0	13.3	15.6	18.0	20.4
70°	0.0	1.5	3.1	4.7	7.4	10.1	13.0	15.7	18.4	21.2	24.8
67.5°	0.0	1.7	3.4	5.6	8.6	11.8	15.0	18.1	21.2	25.3	29.3
65°	0.0	1.9	3.8	6.5	9.9	13.4	17.1	20.4	24.8	29.3	34.2
62.5°	0.0	2.1	4.2	7.4	11.1	15.1	19.1	23.3	28.3	33.5	39.7
60°	0.0	2.2	4.5	8.3	12.3	16.8	21.0	26.3	31.8	38.4	45.1
57.5°	0.0	2.4	5.1	9.2	13.7	18.5	23.5	29.3	35.9	43.2	50.6
55°	0.0	2.6	5.6	10.0	15.0	20.1	26.0	32.2	40.0	47.9	56.1
52.5°	0.0	2.7	6.2	10.8	16.3	21.8	28.5	35.7	44.0	52.5	61.3
50°	0.0	2.9	6.7	11.6	17.6	23.8	30.8	39.1	48.0	57.0	66.9
47.5°	0.0	3.0	7.2	12.4	18.8	25.7	33.2	42.3	51.7	61.3	72.4
45°	0.0	3.2	7.7	13.3	20.0	27.5	35.8	45.4	55.3	66.1	77.7
42.5°	0.0	3.3	8.2	14.2	21.2	29.2	38.3	48.4	58.8	70.8	83.2
40°	0.0	3.4	8.7	15.0	22.4	30.9	40.6	51.3	62.4	75.3	88.6
37.5°	0.0	3.6	9.1	15.8	23.7	32.5	42.8	54.1	66.2	79.7	93.6
35°	0.0	3.7	9.5	16.6	24.9	34.2	44.9	56.8	69.8	83.9	98.5
32.5°	0.0	3.8	9.9	17.3	26.0	35.8	46.9	59.3	73.2	87.9	103.2
30°	0.0	3.9	10.3	17.9	27.1	37.3	48.9	61.7	76.3	91.7	107.6
27.5°	0.0	4.0	10.7	18.5	28.0	38.7	50.8	64.3	79.2	95.1	111.6
25°	0.0	4.1	11.0	19.0	28.8	39.9	52.5	66.6	82.0	98.4	115.4
22.5°	0.0	4.2	11.3	19.5	29.6	41.0	54.1	68.7	84.6	101.4	119.1
20°	0.0	4.2	11.6	19.9	30.2	42.0	55.5	70.5	86.9	104.2	122.5
17.5°	0.0	4.3	11.8	20.2	30.8	42.8	56.8	72.2	88.9	106.6	125.4
15°	0.0	4.3	12.1	20.5	31.3	43.5	57.9	73.6	90.7	108.7	127.9
12.5°	0.0	4.4	12.3	20.7	31.7	44.1	58.9	74.9	92.2	110.5	130.0
10°	0.0	4.4	12.4	20.9	32.0	44.6	59.7	75.9	93.3	112.1	131.9
7.5°	0.0	4.5	12.6	21.0	32.3	45.0	60.3	76.7	94.2	113.4	133.9
5°	0.0	4.5	12.7	21.1	32.4	45.2	60.7	77.2	94.8	114.5	135.5
2.5°	0.0	4.5	12.8	21.1	32.5	45.3	61.0	77.6	95.1	115.2	136.6
0°	0.0	4.5	12.8	21.1	32.5	45.3	61.1	77.7	95.1	115.5	137.4
-2.5°	0.0	4.5	12.8	21.1	32.5	45.3	61.0	77.6	95.1	115.2	136.6
-5°	0.0	4.5	12.7	21.1	32.4	45.2	60.7	77.2	94.8	114.5	135.5
-7.5°	0.0	4.5	12.6	21.0	32.3	45.0	60.3	76.7	94.2	113.4	133.9
-10°	0.0	4.4	12.4	20.9	32.0	44.6	59.7	75.9	93.3	112.1	131.9
-12.5°	0.0	4.4	12.3	20.7	31.7	44.1	58.9	74.9	92.2	110.5	130.0
-15°	0.0	4.3	12.1	20.5	31.3	43.5	57.9	73.6	90.7	108.7	127.9
-17.5°	0.0	4.3	11.8	20.2	30.8	42.8	56.8	72.2	88.9	106.6	125.4
-20°	0.0	4.2	11.6	19.9	30.2	42.0	55.5	70.5	86.9	104.2	122.5



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 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	11.3	19.5	29.6	41.0	54.1	68.7	84.6	101.4	119.1
-25°	0.0	4.1	11.0	19.0	28.8	39.9	52.5	66.6	82.0	98.4	115.4
-27.5°	0.0	4.0	10.7	18.5	28.0	38.7	50.8	64.3	79.2	95.1	111.6
-30°	0.0	3.9	10.3	17.9	27.1	37.3	48.9	61.7	76.3	91.7	107.6
-32.5°	0.0	3.8	9.9	17.3	26.0	35.8	46.9	59.3	73.2	87.9	103.2
-35°	0.0	3.7	9.5	16.6	24.9	34.2	44.9	56.8	69.8	83.9	98.5
-37.5°	0.0	3.6	9.1	15.8	23.7	32.5	42.8	54.1	66.2	79.7	93.6
-40°	0.0	3.4	8.7	15.0	22.4	30.9	40.6	51.3	62.4	75.3	88.6
-42.5°	0.0	3.3	8.2	14.2	21.2	29.2	38.3	48.4	58.8	70.8	83.2
-45°	0.0	3.2	7.7	13.3	20.0	27.5	35.8	45.4	55.3	66.1	77.7
-47.5°	0.0	3.0	7.2	12.4	18.8	25.7	33.2	42.3	51.7	61.3	72.4
-50°	0.0	2.9	6.7	11.6	17.6	23.8	30.8	39.1	48.0	57.0	66.9
-52.5°	0.0	2.7	6.2	10.8	16.3	21.8	28.5	35.7	44.0	52.5	61.3
-55°	0.0	2.6	5.6	10.0	15.0	20.1	26.0	32.2	40.0	47.9	56.1
-57.5°	0.0	2.4	5.1	9.2	13.7	18.5	23.5	29.3	35.9	43.2	50.6
-60°	0.0	2.2	4.5	8.3	12.3	16.8	21.0	26.3	31.8	38.4	45.1
-62.5°	0.0	2.1	4.2	7.4	11.1	15.1	19.1	23.3	28.3	33.5	39.7
-65°	0.0	1.9	3.8	6.5	9.9	13.4	17.1	20.4	24.8	29.3	34.2
-67.5°	0.0	1.7	3.4	5.6	8.6	11.8	15.0	18.1	21.2	25.3	29.3
-70°	0.0	1.5	3.1	4.7	7.4	10.1	13.0	15.7	18.4	21.2	24.8
-72.5°	0.0	1.4	2.7	4.0	6.1	8.5	11.0	13.3	15.6	18.0	20.4
-75°	0.0	1.2	2.3	3.5	4.7	6.8	8.9	10.9	12.8	14.7	16.7
-77.5°	0.0	1.0	1.9	2.9	3.9	5.1	6.9	8.5	10.1	11.5	13.0
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.8	6.1	7.4	8.6	9.7
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.7	5.6	6.5
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

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°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
85°	4.2	4.5	5.1	5.6	6.1	6.6	7.0	7.3	7.7	8.1	8.5
82.5°	7.4	8.3	9.1	10.0	10.6	11.2	11.8	12.6	13.5	14.4	15.3
80°	10.9	12.0	13.5	14.9	16.2	17.5	18.7	20.0	21.3	22.6	24.0
77.5°	14.8	16.6	18.5	20.4	22.2	24.4	26.5	28.5	30.4	32.1	33.7
75°	18.9	21.2	24.0	26.8	29.5	32.2	34.9	37.8	40.4	42.7	44.8
72.5°	23.4	26.8	30.1	33.5	37.2	40.8	44.3	47.7	50.8	53.7	56.5
70°	28.5	32.3	36.8	41.3	45.6	49.7	53.8	57.6	61.2	64.9	69.0
67.5°	33.6	38.9	44.0	49.1	54.2	58.9	63.3	68.2	73.1	77.8	82.4
65°	39.7	45.5	51.4	57.3	62.8	68.5	74.2	79.8	85.5	90.9	96.0
62.5°	45.7	52.4	59.0	65.5	72.1	78.6	85.2	91.8	98.1	104.7	111.0
60°	52.1	59.4	66.7	74.0	81.4	89.1	96.5	104.2	111.9	119.4	126.6
57.5°	58.4	66.4	74.3	82.6	91.2	99.7	108.5	117.1	126.0	134.5	141.9
55°	64.6	73.2	82.1	91.6	101.1	110.8	120.6	130.7	140.3	147.4	154.1
52.5°	70.9	80.1	90.3	100.6	111.1	122.0	133.4	143.2	151.1	157.3	158.7
50°	77.0	87.5	98.3	109.6	121.2	133.6	144.5	153.3	157.8	159.5	158.6
47.5°	83.4	94.7	106.3	118.5	131.5	143.3	153.6	158.1	160.2	157.9	155.1
45°	89.8	101.9	114.2	127.5	140.5	151.7	157.5	160.7	157.8	155.1	153.1
42.5°	95.9	108.9	122.3	136.0	148.2	156.1	159.7	157.9	155.5	153.4	154.1
40°	102.0	115.7	130.3	143.2	154.2	158.2	157.6	155.4	153.9	154.9	157.9
37.5°	107.9	122.7	137.7	150.2	156.1	157.8	155.1	153.6	154.7	158.3	165.1
35°	113.4	129.5	143.8	154.3	158.2	155.5	153.5	153.3	157.3	164.6	174.7
32.5°	119.0	135.9	149.5	156.0	156.7	153.6	152.1	155.6	162.0	171.5	188.5
30°	124.5	140.9	153.6	157.6	154.9	152.5	153.3	158.3	167.0	182.9	210.4
27.5°	129.5	145.4	155.0	156.9	153.4	151.4	155.1	162.6	175.2	196.4	235.7
25°	134.0	149.5	156.2	155.4	152.3	152.1	157.2	166.4	183.8	218.1	271.9
22.5°	137.8	153.2	157.3	154.1	151.3	153.3	160.4	173.3	196.5	238.6	309.6
20°	140.8	154.1	157.1	152.8	150.3	154.3	163.3	180.0	213.6	270.6	352.1
17.5°	143.6	155.0	156.0	152.0	150.9	155.9	166.4	186.0	228.8	298.1	393.0
15°	146.0	155.7	155.0	151.3	151.6	158.0	171.3	197.3	247.1	324.0	429.7
12.5°	148.2	156.3	154.0	150.7	152.2	159.8	175.4	207.6	265.0	352.1	488.5
10°	149.9	156.8	153.2	150.1	152.5	161.2	178.8	215.7	278.9	375.9	537.9
7.5°	151.6	157.2	152.4	149.7	152.7	162.2	181.4	221.7	288.7	395.1	574.9
5°	152.8	157.5	152.0	149.5	153.3	163.4	183.3	225.5	294.7	409.0	599.6
2.5°	153.6	157.7	151.8	149.4	154.0	164.9	184.9	228.8	300.1	415.9	617.2
0°	154.0	157.7	151.7	149.4	154.7	166.0	185.7	230.2	302.6	415.8	627.9
-2.5°	153.6	157.7	151.8	149.4	154.0	164.9	184.9	228.8	300.1	415.9	617.2
-5°	152.8	157.5	152.0	149.5	153.3	163.4	183.3	225.5	294.7	409.0	599.6
-7.5°	151.6	157.2	152.4	149.7	152.7	162.2	181.4	221.7	288.7	395.1	574.9
-10°	149.9	156.8	153.2	150.1	152.5	161.2	178.8	215.7	278.9	375.9	537.9
-12.5°	148.2	156.3	154.0	150.7	152.2	159.8	175.4	207.6	265.0	352.1	488.5
-15°	146.0	155.7	155.0	151.3	151.6	158.0	171.3	197.3	247.1	324.0	429.7
-17.5°	143.6	155.0	156.0	152.0	150.9	155.9	166.4	186.0	228.8	298.1	393.0
-20°	140.8	154.1	157.1	152.8	150.3	154.3	163.3	180.0	213.6	270.6	352.1



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	137.8	153.2	157.3	154.1	151.3	153.3	160.4	173.3	196.5	238.6	309.6
-25°	134.0	149.5	156.2	155.4	152.3	152.1	157.2	166.4	183.8	218.1	271.9
-27.5°	129.5	145.4	155.0	156.9	153.4	151.4	155.1	162.6	175.2	196.4	235.7
-30°	124.5	140.9	153.6	157.6	154.9	152.5	153.3	158.3	167.0	182.9	210.4
-32.5°	119.0	135.9	149.5	156.0	156.7	153.6	152.1	155.6	162.0	171.5	188.5
-35°	113.4	129.5	143.8	154.3	158.2	155.5	153.5	153.3	157.3	164.6	174.7
-37.5°	107.9	122.7	137.7	150.2	156.1	157.8	155.1	153.6	154.7	158.3	165.1
-40°	102.0	115.7	130.3	143.2	154.2	158.2	157.6	155.4	153.9	154.9	157.9
-42.5°	95.9	108.9	122.3	136.0	148.2	156.1	159.7	157.9	155.5	153.4	154.1
-45°	89.8	101.9	114.2	127.5	140.5	151.7	157.5	160.7	157.8	155.1	153.1
-47.5°	83.4	94.7	106.3	118.5	131.5	143.3	153.6	158.1	160.2	157.9	155.1
-50°	77.0	87.5	98.3	109.6	121.2	133.6	144.5	153.3	157.8	159.5	158.6
-52.5°	70.9	80.1	90.3	100.6	111.1	122.0	133.4	143.2	151.1	157.3	158.7
-55°	64.6	73.2	82.1	91.6	101.1	110.8	120.6	130.7	140.3	147.4	154.1
-57.5°	58.4	66.4	74.3	82.6	91.2	99.7	108.5	117.1	126.0	134.5	141.9
-60°	52.1	59.4	66.7	74.0	81.4	89.1	96.5	104.2	111.9	119.4	126.6
-62.5°	45.7	52.4	59.0	65.5	72.1	78.6	85.2	91.8	98.1	104.7	111.0
-65°	39.7	45.5	51.4	57.3	62.8	68.5	74.2	79.8	85.5	90.9	96.0
-67.5°	33.6	38.9	44.0	49.1	54.2	58.9	63.3	68.2	73.1	77.8	82.4
-70°	28.5	32.3	36.8	41.3	45.6	49.7	53.8	57.6	61.2	64.9	69.0
-72.5°	23.4	26.8	30.1	33.5	37.2	40.8	44.3	47.7	50.8	53.7	56.5
-75°	18.9	21.2	24.0	26.8	29.5	32.2	34.9	37.8	40.4	42.7	44.8
-77.5°	14.8	16.6	18.5	20.4	22.2	24.4	26.5	28.5	30.4	32.1	33.7
-80°	10.9	12.0	13.5	14.9	16.2	17.5	18.7	20.0	21.3	22.6	24.0
-82.5°	7.4	8.3	9.1	10.0	10.6	11.2	11.8	12.6	13.5	14.4	15.3
-85°	4.2	4.5	5.1	5.6	6.1	6.6	7.0	7.3	7.7	8.1	8.5
-87.5°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
-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: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-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°	3.7	3.6	3.6	3.5	3.4	3.5	3.6	3.6	3.7	3.9	4.1
85°	8.8	9.2	9.7	10.1	10.5	10.8	11.1	11.3	11.5	11.7	11.9
82.5°	16.1	17.0	17.8	18.5	19.1	19.7	20.1	20.5	20.9	21.2	21.5
80°	25.2	26.3	27.3	28.2	28.9	29.6	30.2	30.7	31.1	31.8	32.5
77.5°	35.3	36.8	38.2	39.6	40.8	41.9	43.0	44.0	44.9	45.6	46.1
75°	46.9	48.9	50.8	52.7	54.3	56.1	57.7	59.2	60.6	61.5	62.2
72.5°	59.4	62.1	64.5	66.8	68.9	71.0	73.1	75.0	76.6	77.9	78.9
70°	72.8	76.3	79.1	81.8	84.4	87.0	89.6	91.8	93.7	95.3	96.6
67.5°	86.7	90.7	94.3	97.8	101.2	104.5	107.6	110.4	113.1	115.1	116.4
65°	101.0	106.1	110.7	115.0	118.8	122.5	126.4	129.9	133.2	135.8	137.9
62.5°	117.0	122.8	128.1	132.9	137.2	140.6	144.2	147.6	150.6	153.4	156.2
60°	133.4	139.9	144.6	148.6	152.3	155.6	156.9	158.1	159.1	160.0	161.1
57.5°	147.8	153.3	157.3	158.2	159.0	159.7	159.3	158.0	156.6	155.3	154.2
55°	157.8	159.3	161.1	159.7	157.5	155.5	153.7	152.4	151.2	150.1	149.2
52.5°	160.4	158.9	157.0	155.0	153.5	151.9	150.3	150.6	151.1	151.4	151.6
50°	156.5	154.7	153.7	152.5	152.7	153.5	154.2	155.7	157.5	158.8	160.0
47.5°	153.5	152.3	153.8	155.7	157.5	160.8	163.6	166.4	170.8	174.3	177.1
45°	152.7	155.5	158.5	163.2	167.3	174.4	181.1	186.7	197.1	206.7	214.2
42.5°	157.0	161.9	167.3	176.4	186.2	198.8	215.0	228.7	244.8	259.7	270.6
40°	164.1	171.4	183.4	198.1	221.1	241.5	268.4	291.3	312.9	335.8	352.9
37.5°	174.3	187.8	210.4	236.8	271.7	305.2	342.2	378.1	408.7	455.0	491.3
35°	189.5	216.9	249.0	293.0	338.6	389.9	444.0	513.7	575.1	647.2	714.8
32.5°	217.3	254.3	304.6	364.2	424.7	513.3	596.9	710.2	812.0	939.0	1075.6
30°	249.7	305.0	372.6	450.3	560.0	681.9	819.3	993.0	1199.5	1445.3	1775.2
27.5°	294.4	365.4	450.4	576.5	732.0	895.3	1139.0	1431.1	1963.3	2427.1	3041.8
25°	342.5	429.2	563.6	733.1	937.8	1231.9	1708.3	2316.0	3176.8	3999.8	4657.8
22.5°	398.0	524.6	694.3	905.3	1236.5	1805.9	2545.5	3615.8	4575.6	5405.8	6045.1
20°	459.4	618.3	846.4	1168.7	1732.7	2566.7	3754.0	4852.4	5832.8	6547.4	7112.3
17.5°	539.0	746.5	1035.9	1480.6	2346.4	3631.5	4855.5	5941.2	6794.2	7422.1	7922.8
15°	613.3	864.5	1239.6	1998.4	3180.1	4553.6	5808.2	6776.7	7514.9	8099.1	8549.4
12.5°	700.9	997.1	1477.7	2445.7	3946.6	5314.3	6484.7	7389.0	8099.8	8647.5	9250.9
10°	779.1	1139.7	1818.9	3041.8	4576.1	5912.2	7048.7	7861.4	8574.2	9287.9	10192.7
7.5°	843.5	1259.5	2098.6	3544.7	5059.4	6354.4	7389.8	8201.8	8987.4	9940.6	11245.6
5°	894.7	1349.7	2328.8	3924.4	5410.7	6670.0	7650.3	8473.4	9360.7	10635.8	12387.2
2.5°	929.0	1408.9	2472.7	4153.8	5632.4	6851.0	7843.4	8651.0	9581.3	11025.1	12854.8
0°	942.6	1436.2	2436.1	4195.3	5645.8	6910.0	7872.2	8717.4	9644.2	11090.2	12940.7
-2.5°	929.0	1408.9	2472.7	4153.8	5632.4	6851.0	7843.4	8651.0	9581.3	11025.1	12854.8
-5°	894.7	1349.7	2328.8	3924.4	5410.7	6670.0	7650.3	8473.4	9360.7	10635.8	12387.2
-7.5°	843.5	1259.5	2098.6	3544.7	5059.4	6354.4	7389.8	8201.8	8987.4	9940.6	11245.6
-10°	779.1	1139.7	1818.9	3041.8	4576.1	5912.2	7048.7	7861.4	8574.2	9287.9	10192.7
-12.5°	700.9	997.1	1477.7	2445.7	3946.6	5314.3	6484.7	7389.0	8099.8	8647.5	9250.9
-15°	613.3	864.5	1239.6	1998.4	3180.1	4553.6	5808.2	6776.7	7514.9	8099.1	8549.4
-17.5°	539.0	746.5	1035.9	1480.6	2346.4	3631.5	4855.5	5941.2	6794.2	7422.1	7922.8
-20°	459.4	618.3	846.4	1168.7	1732.7	2566.7	3754.0	4852.4	5832.8	6547.4	7112.3



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	398.0	524.6	694.3	905.3	1236.5	1805.9	2545.5	3615.8	4575.6	5405.8	6045.1
-25°	342.5	429.2	563.6	733.1	937.8	1231.9	1708.3	2316.0	3176.8	3999.8	4657.8
-27.5°	294.4	365.4	450.4	576.5	732.0	895.3	1139.0	1431.1	1963.3	2427.1	3041.8
-30°	249.7	305.0	372.6	450.3	560.0	681.9	819.3	993.0	1199.5	1445.3	1775.2
-32.5°	217.3	254.3	304.6	364.2	424.7	513.3	596.9	710.2	812.0	939.0	1075.6
-35°	189.5	216.9	249.0	293.0	338.6	389.9	444.0	513.7	575.1	647.2	714.8
-37.5°	174.3	187.8	210.4	236.8	271.7	305.2	342.2	378.1	408.7	455.0	491.3
-40°	164.1	171.4	183.4	198.1	221.1	241.5	268.4	291.3	312.9	335.8	352.9
-42.5°	157.0	161.9	167.3	176.4	186.2	198.8	215.0	228.7	244.8	259.7	270.6
-45°	152.7	155.5	158.5	163.2	167.3	174.4	181.1	186.7	197.1	206.7	214.2
-47.5°	153.5	152.3	153.8	155.7	157.5	160.8	163.6	166.4	170.8	174.3	177.1
-50°	156.5	154.7	153.7	152.5	152.7	153.5	154.2	155.7	157.5	158.8	160.0
-52.5°	160.4	158.9	157.0	155.0	153.5	151.9	150.3	150.6	151.1	151.4	151.6
-55°	157.8	159.3	161.1	159.7	157.5	155.5	153.7	152.4	151.2	150.1	149.2
-57.5°	147.8	153.3	157.3	158.2	159.0	159.7	159.3	158.0	156.6	155.3	154.2
-60°	133.4	139.9	144.6	148.6	152.3	155.6	156.9	158.1	159.1	160.0	161.1
-62.5°	117.0	122.8	128.1	132.9	137.2	140.6	144.2	147.6	150.6	153.4	156.2
-65°	101.0	106.1	110.7	115.0	118.8	122.5	126.4	129.9	133.2	135.8	137.9
-67.5°	86.7	90.7	94.3	97.8	101.2	104.5	107.6	110.4	113.1	115.1	116.4
-70°	72.8	76.3	79.1	81.8	84.4	87.0	89.6	91.8	93.7	95.3	96.6
-72.5°	59.4	62.1	64.5	66.8	68.9	71.0	73.1	75.0	76.6	77.9	78.9
-75°	46.9	48.9	50.8	52.7	54.3	56.1	57.7	59.2	60.6	61.5	62.2
-77.5°	35.3	36.8	38.2	39.6	40.8	41.9	43.0	44.0	44.9	45.6	46.1
-80°	25.2	26.3	27.3	28.2	28.9	29.6	30.2	30.7	31.1	31.8	32.5
-82.5°	16.1	17.0	17.8	18.5	19.1	19.7	20.1	20.5	20.9	21.2	21.5
-85°	8.8	9.2	9.7	10.1	10.5	10.8	11.1	11.3	11.5	11.7	11.9
-87.5°	3.7	3.6	3.6	3.5	3.4	3.5	3.6	3.6	3.7	3.9	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-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°	4.3	4.5	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.7	3.6
85°	12.0	12.0	12.4	12.8	12.4	12.0	12.0	11.9	11.7	11.5	11.3
82.5°	21.6	21.8	21.9	21.9	21.9	21.8	21.6	21.5	21.2	20.9	20.5
80°	33.2	33.8	33.6	33.2	33.6	33.8	33.2	32.5	31.8	31.1	30.7
77.5°	46.4	46.6	46.3	46.0	46.3	46.6	46.4	46.1	45.6	44.9	44.0
75°	62.7	63.0	63.3	63.4	63.3	63.0	62.7	62.2	61.5	60.6	59.2
72.5°	79.7	80.3	80.3	80.0	80.3	80.3	79.7	78.9	77.9	76.6	75.0
70°	97.6	98.3	98.8	98.9	98.8	98.3	97.6	96.6	95.3	93.7	91.8
67.5°	117.3	117.9	118.3	118.5	118.3	117.9	117.3	116.4	115.1	113.1	110.4
65°	139.6	140.9	141.3	141.1	141.3	140.9	139.6	137.9	135.8	133.2	129.9
62.5°	158.8	161.1	162.1	162.3	162.1	161.1	158.8	156.2	153.4	150.6	147.6
60°	162.0	162.8	163.0	163.0	163.0	162.8	162.0	161.1	160.0	159.1	158.1
57.5°	153.2	152.4	151.9	151.7	151.9	152.4	153.2	154.2	155.3	156.6	158.0
55°	148.4	147.6	147.3	147.2	147.3	147.6	148.4	149.2	150.1	151.2	152.4
52.5°	151.7	151.6	151.9	152.4	151.9	151.6	151.7	151.6	151.4	151.1	150.6
50°	161.0	161.6	162.3	163.0	162.3	161.6	161.0	160.0	158.8	157.5	155.7
47.5°	179.1	180.1	180.7	181.1	180.7	180.1	179.1	177.1	174.3	170.8	166.4
45°	219.1	221.7	223.0	223.4	223.0	221.7	219.1	214.2	206.7	197.1	186.7
42.5°	277.8	281.8	283.5	283.8	283.5	281.8	277.8	270.6	259.7	244.8	228.7
40°	365.3	372.3	375.7	378.1	375.7	372.3	365.3	352.9	335.8	312.9	291.3
37.5°	518.5	536.1	546.1	554.7	546.1	536.1	518.5	491.3	455.0	408.7	378.1
35°	769.9	810.3	834.0	839.2	834.0	810.3	769.9	714.8	647.2	575.1	513.7
32.5°	1180.8	1259.9	1307.3	1313.2	1307.3	1259.9	1180.8	1075.6	939.0	812.0	710.2
30°	2031.3	2253.0	2405.0	2384.1	2405.0	2253.0	2031.3	1775.2	1445.3	1199.5	993.0
27.5°	3545.4	3947.5	4208.8	4187.0	4208.8	3947.5	3545.4	3041.8	2427.1	1963.3	1431.1
25°	5163.7	5533.8	5752.4	5833.0	5752.4	5533.8	5163.7	4657.8	3999.8	3176.8	2316.0
22.5°	6485.2	6816.1	7005.1	7118.2	7005.1	6816.1	6485.2	6045.1	5405.8	4575.6	3615.8
20°	7497.7	7784.7	7947.2	8017.1	7947.2	7784.7	7497.7	7112.3	6547.4	5832.8	4852.4
17.5°	8276.7	8516.9	8701.0	8748.4	8701.0	8516.9	8276.7	7922.8	7422.1	6794.2	5941.2
15°	8965.7	9276.0	9493.1	9574.0	9493.1	9276.0	8965.7	8549.4	8099.1	7514.9	6776.7
12.5°	9834.5	10374.2	10661.1	10727.2	10661.1	10374.2	9834.5	9250.9	8647.5	8099.8	7389.0
10°	11118.8	11948.2	12042.2	11913.6	12042.2	11948.2	11118.8	10192.7	9287.9	8574.2	7861.4
7.5°	12989.1	14095.1	13856.0	13457.7	13856.0	14095.1	12989.1	11245.6	9940.6	8987.4	8201.8
5°	14327.6	15863.1	15910.8	15618.3	15910.8	15863.1	14327.6	12387.2	10635.8	9360.7	8473.4
2.5°	14860.3	16441.1	17227.8	17356.8	17227.8	16441.1	14860.3	12854.8	11025.1	9581.3	8651.0
0°	14900.3	16627.4	17560.1	17791.8	17560.1	16627.4	14900.3	12940.7	11090.2	9644.2	8717.4
-2.5°	14860.3	16441.1	17227.8	17356.8	17227.8	16441.1	14860.3	12854.8	11025.1	9581.3	8651.0
-5°	14327.6	15863.1	15910.8	15618.3	15910.8	15863.1	14327.6	12387.2	10635.8	9360.7	8473.4
-7.5°	12989.1	14095.1	13856.0	13457.7	13856.0	14095.1	12989.1	11245.6	9940.6	8987.4	8201.8
-10°	11118.8	11948.2	12042.2	11913.6	12042.2	11948.2	11118.8	10192.7	9287.9	8574.2	7861.4
-12.5°	9834.5	10374.2	10661.1	10727.2	10661.1	10374.2	9834.5	9250.9	8647.5	8099.8	7389.0
-15°	8965.7	9276.0	9493.1	9574.0	9493.1	9276.0	8965.7	8549.4	8099.1	7514.9	6776.7
-17.5°	8276.7	8516.9	8701.0	8748.4	8701.0	8516.9	8276.7	7922.8	7422.1	6794.2	5941.2
-20°	7497.7	7784.7	7947.2	8017.1	7947.2	7784.7	7497.7	7112.3	6547.4	5832.8	4852.4



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6485.2	6816.1	7005.1	7118.2	7005.1	6816.1	6485.2	6045.1	5405.8	4575.6	3615.8
-25°	5163.7	5533.8	5752.4	5833.0	5752.4	5533.8	5163.7	4657.8	3999.8	3176.8	2316.0
-27.5°	3545.4	3947.5	4208.8	4187.0	4208.8	3947.5	3545.4	3041.8	2427.1	1963.3	1431.1
-30°	2031.3	2253.0	2405.0	2384.1	2405.0	2253.0	2031.3	1775.2	1445.3	1199.5	993.0
-32.5°	1180.8	1259.9	1307.3	1313.2	1307.3	1259.9	1180.8	1075.6	939.0	812.0	710.2
-35°	769.9	810.3	834.0	839.2	834.0	810.3	769.9	714.8	647.2	575.1	513.7
-37.5°	518.5	536.1	546.1	554.7	546.1	536.1	518.5	491.3	455.0	408.7	378.1
-40°	365.3	372.3	375.7	378.1	375.7	372.3	365.3	352.9	335.8	312.9	291.3
-42.5°	277.8	281.8	283.5	283.8	283.5	281.8	277.8	270.6	259.7	244.8	228.7
-45°	219.1	221.7	223.0	223.4	223.0	221.7	219.1	214.2	206.7	197.1	186.7
-47.5°	179.1	180.1	180.7	181.1	180.7	180.1	179.1	177.1	174.3	170.8	166.4
-50°	161.0	161.6	162.3	163.0	162.3	161.6	161.0	160.0	158.8	157.5	155.7
-52.5°	151.7	151.6	151.9	152.4	151.9	151.6	151.7	151.6	151.4	151.1	150.6
-55°	148.4	147.6	147.3	147.2	147.3	147.6	148.4	149.2	150.1	151.2	152.4
-57.5°	153.2	152.4	151.9	151.7	151.9	152.4	153.2	154.2	155.3	156.6	158.0
-60°	162.0	162.8	163.0	163.0	163.0	162.8	162.0	161.1	160.0	159.1	158.1
-62.5°	158.8	161.1	162.1	162.3	162.1	161.1	158.8	156.2	153.4	150.6	147.6
-65°	139.6	140.9	141.3	141.1	141.3	140.9	139.6	137.9	135.8	133.2	129.9
-67.5°	117.3	117.9	118.3	118.5	118.3	117.9	117.3	116.4	115.1	113.1	110.4
-70°	97.6	98.3	98.8	98.9	98.8	98.3	97.6	96.6	95.3	93.7	91.8
-72.5°	79.7	80.3	80.3	80.0	80.3	80.3	79.7	78.9	77.9	76.6	75.0
-75°	62.7	63.0	63.3	63.4	63.3	63.0	62.7	62.2	61.5	60.6	59.2
-77.5°	46.4	46.6	46.3	46.0	46.3	46.6	46.4	46.1	45.6	44.9	44.0
-80°	33.2	33.8	33.6	33.2	33.6	33.8	33.2	32.5	31.8	31.1	30.7
-82.5°	21.6	21.8	21.9	21.9	21.9	21.8	21.6	21.5	21.2	20.9	20.5
-85°	12.0	12.0	12.4	12.8	12.4	12.0	12.0	11.9	11.7	11.5	11.3
-87.5°	4.3	4.5	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.7	3.6
-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: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-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°	3.6	3.5	3.4	3.5	3.6	3.6	3.7	3.6	3.4	3.3	3.2
85°	11.1	10.8	10.5	10.1	9.7	9.2	8.8	8.5	8.1	7.7	7.3
82.5°	20.1	19.7	19.1	18.5	17.8	17.0	16.1	15.3	14.4	13.5	12.6
80°	30.2	29.6	28.9	28.2	27.3	26.3	25.2	24.0	22.6	21.3	20.0
77.5°	43.0	41.9	40.8	39.6	38.2	36.8	35.3	33.7	32.1	30.4	28.5
75°	57.7	56.1	54.3	52.7	50.8	48.9	46.9	44.8	42.7	40.4	37.8
72.5°	73.1	71.0	68.9	66.8	64.5	62.1	59.4	56.5	53.7	50.8	47.7
70°	89.6	87.0	84.4	81.8	79.1	76.3	72.8	69.0	64.9	61.2	57.6
67.5°	107.6	104.5	101.2	97.8	94.3	90.7	86.7	82.4	77.8	73.1	68.2
65°	126.4	122.5	118.8	115.0	110.7	106.1	101.0	96.0	90.9	85.5	79.8
62.5°	144.2	140.6	137.2	132.9	128.1	122.8	117.0	111.0	104.7	98.1	91.8
60°	156.9	155.6	152.3	148.6	144.6	139.9	133.4	126.6	119.4	111.9	104.2
57.5°	159.3	159.7	159.0	158.2	157.3	153.3	147.8	141.9	134.5	126.0	117.1
55°	153.7	155.5	157.5	159.7	161.1	159.3	157.8	154.1	147.4	140.3	130.7
52.5°	150.3	151.9	153.5	155.0	157.0	158.9	160.4	158.7	157.3	151.1	143.2
50°	154.2	153.5	152.7	152.5	153.7	154.7	156.5	158.6	159.5	157.8	153.3
47.5°	163.6	160.8	157.5	155.7	153.8	152.3	153.5	155.1	157.9	160.2	158.1
45°	181.1	174.4	167.3	163.2	158.5	155.5	152.7	153.1	155.1	157.8	160.7
42.5°	215.0	198.8	186.2	176.4	167.3	161.9	157.0	154.1	153.4	155.5	157.9
40°	268.4	241.5	221.1	198.1	183.4	171.4	164.1	157.9	154.9	153.9	155.4
37.5°	342.2	305.2	271.7	236.8	210.4	187.8	174.3	165.1	158.3	154.7	153.6
35°	444.0	389.9	338.6	293.0	249.0	216.9	189.5	174.7	164.6	157.3	153.3
32.5°	596.9	513.3	424.7	364.2	304.6	254.3	217.3	188.5	171.5	162.0	155.6
30°	819.3	681.9	560.0	450.3	372.6	305.0	249.7	210.4	182.9	167.0	158.3
27.5°	1139.0	895.3	732.0	576.5	450.4	365.4	294.4	235.7	196.4	175.2	162.6
25°	1708.3	1231.9	937.8	733.1	563.6	429.2	342.5	271.9	218.1	183.8	166.4
22.5°	2545.5	1805.9	1236.5	905.3	694.3	524.6	398.0	309.6	238.6	196.5	173.3
20°	3754.0	2566.7	1732.7	1168.7	846.4	618.3	459.4	352.1	270.6	213.6	180.0
17.5°	4855.5	3631.5	2346.4	1480.6	1035.9	746.5	539.0	393.0	298.1	228.8	186.0
15°	5808.2	4553.6	3180.1	1998.4	1239.6	864.5	613.3	429.7	324.0	247.1	197.3
12.5°	6484.7	5314.3	3946.6	2445.7	1477.7	997.1	700.9	488.5	352.1	265.0	207.6
10°	7048.7	5912.2	4576.1	3041.8	1818.9	1139.7	779.1	537.9	375.9	278.9	215.7
7.5°	7389.8	6354.4	5059.4	3544.7	2098.6	1259.5	843.5	574.9	395.1	288.7	221.7
5°	7650.3	6670.0	5410.7	3924.4	2328.8	1349.7	894.7	599.6	409.0	294.7	225.5
2.5°	7843.4	6851.0	5632.4	4153.8	2472.7	1408.9	929.0	617.2	415.9	300.1	228.8
0°	7872.2	6910.0	5645.8	4195.3	2436.1	1436.2	942.6	627.9	415.8	302.6	230.2
-2.5°	7843.4	6851.0	5632.4	4153.8	2472.7	1408.9	929.0	617.2	415.9	300.1	228.8
-5°	7650.3	6670.0	5410.7	3924.4	2328.8	1349.7	894.7	599.6	409.0	294.7	225.5
-7.5°	7389.8	6354.4	5059.4	3544.7	2098.6	1259.5	843.5	574.9	395.1	288.7	221.7
-10°	7048.7	5912.2	4576.1	3041.8	1818.9	1139.7	779.1	537.9	375.9	278.9	215.7
-12.5°	6484.7	5314.3	3946.6	2445.7	1477.7	997.1	700.9	488.5	352.1	265.0	207.6
-15°	5808.2	4553.6	3180.1	1998.4	1239.6	864.5	613.3	429.7	324.0	247.1	197.3
-17.5°	4855.5	3631.5	2346.4	1480.6	1035.9	746.5	539.0	393.0	298.1	228.8	186.0
-20°	3754.0	2566.7	1732.7	1168.7	846.4	618.3	459.4	352.1	270.6	213.6	180.0



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2545.5	1805.9	1236.5	905.3	694.3	524.6	398.0	309.6	238.6	196.5	173.3
-25°	1708.3	1231.9	937.8	733.1	563.6	429.2	342.5	271.9	218.1	183.8	166.4
-27.5°	1139.0	895.3	732.0	576.5	450.4	365.4	294.4	235.7	196.4	175.2	162.6
-30°	819.3	681.9	560.0	450.3	372.6	305.0	249.7	210.4	182.9	167.0	158.3
-32.5°	596.9	513.3	424.7	364.2	304.6	254.3	217.3	188.5	171.5	162.0	155.6
-35°	444.0	389.9	338.6	293.0	249.0	216.9	189.5	174.7	164.6	157.3	153.3
-37.5°	342.2	305.2	271.7	236.8	210.4	187.8	174.3	165.1	158.3	154.7	153.6
-40°	268.4	241.5	221.1	198.1	183.4	171.4	164.1	157.9	154.9	153.9	155.4
-42.5°	215.0	198.8	186.2	176.4	167.3	161.9	157.0	154.1	153.4	155.5	157.9
-45°	181.1	174.4	167.3	163.2	158.5	155.5	152.7	153.1	155.1	157.8	160.7
-47.5°	163.6	160.8	157.5	155.7	153.8	152.3	153.5	155.1	157.9	160.2	158.1
-50°	154.2	153.5	152.7	152.5	153.7	154.7	156.5	158.6	159.5	157.8	153.3
-52.5°	150.3	151.9	153.5	155.0	157.0	158.9	160.4	158.7	157.3	151.1	143.2
-55°	153.7	155.5	157.5	159.7	161.1	159.3	157.8	154.1	147.4	140.3	130.7
-57.5°	159.3	159.7	159.0	158.2	157.3	153.3	147.8	141.9	134.5	126.0	117.1
-60°	156.9	155.6	152.3	148.6	144.6	139.9	133.4	126.6	119.4	111.9	104.2
-62.5°	144.2	140.6	137.2	132.9	128.1	122.8	117.0	111.0	104.7	98.1	91.8
-65°	126.4	122.5	118.8	115.0	110.7	106.1	101.0	96.0	90.9	85.5	79.8
-67.5°	107.6	104.5	101.2	97.8	94.3	90.7	86.7	82.4	77.8	73.1	68.2
-70°	89.6	87.0	84.4	81.8	79.1	76.3	72.8	69.0	64.9	61.2	57.6
-72.5°	73.1	71.0	68.9	66.8	64.5	62.1	59.4	56.5	53.7	50.8	47.7
-75°	57.7	56.1	54.3	52.7	50.8	48.9	46.9	44.8	42.7	40.4	37.8
-77.5°	43.0	41.9	40.8	39.6	38.2	36.8	35.3	33.7	32.1	30.4	28.5
-80°	30.2	29.6	28.9	28.2	27.3	26.3	25.2	24.0	22.6	21.3	20.0
-82.5°	20.1	19.7	19.1	18.5	17.8	17.0	16.1	15.3	14.4	13.5	12.6
-85°	11.1	10.8	10.5	10.1	9.7	9.2	8.8	8.5	8.1	7.7	7.3
-87.5°	3.6	3.5	3.4	3.5	3.6	3.6	3.7	3.6	3.4	3.3	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-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°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
85°	7.0	6.6	6.1	5.6	5.1	4.5	4.2	3.8	3.4	3.1	2.7
82.5°	11.8	11.2	10.6	10.0	9.1	8.3	7.4	6.5	5.6	4.7	4.0
80°	18.7	17.5	16.2	14.9	13.5	12.0	10.9	9.7	8.6	7.4	6.1
77.5°	26.5	24.4	22.2	20.4	18.5	16.6	14.8	13.0	11.5	10.1	8.5
75°	34.9	32.2	29.5	26.8	24.0	21.2	18.9	16.7	14.7	12.8	10.9
72.5°	44.3	40.8	37.2	33.5	30.1	26.8	23.4	20.4	18.0	15.6	13.3
70°	53.8	49.7	45.6	41.3	36.8	32.3	28.5	24.8	21.2	18.4	15.7
67.5°	63.3	58.9	54.2	49.1	44.0	38.9	33.6	29.3	25.3	21.2	18.1
65°	74.2	68.5	62.8	57.3	51.4	45.5	39.7	34.2	29.3	24.8	20.4
62.5°	85.2	78.6	72.1	65.5	59.0	52.4	45.7	39.7	33.5	28.3	23.3
60°	96.5	89.1	81.4	74.0	66.7	59.4	52.1	45.1	38.4	31.8	26.3
57.5°	108.5	99.7	91.2	82.6	74.3	66.4	58.4	50.6	43.2	35.9	29.3
55°	120.6	110.8	101.1	91.6	82.1	73.2	64.6	56.1	47.9	40.0	32.2
52.5°	133.4	122.0	111.1	100.6	90.3	80.1	70.9	61.3	52.5	44.0	35.7
50°	144.5	133.6	121.2	109.6	98.3	87.5	77.0	66.9	57.0	48.0	39.1
47.5°	153.6	143.3	131.5	118.5	106.3	94.7	83.4	72.4	61.3	51.7	42.3
45°	157.5	151.7	140.5	127.5	114.2	101.9	89.8	77.7	66.1	55.3	45.4
42.5°	159.7	156.1	148.2	136.0	122.3	108.9	95.9	83.2	70.8	58.8	48.4
40°	157.6	158.2	154.2	143.2	130.3	115.7	102.0	88.6	75.3	62.4	51.3
37.5°	155.1	157.8	156.1	150.2	137.7	122.7	107.9	93.6	79.7	66.2	54.1
35°	153.5	155.5	158.2	154.3	143.8	129.5	113.4	98.5	83.9	69.8	56.8
32.5°	152.1	153.6	156.7	156.0	149.5	135.9	119.0	103.2	87.9	73.2	59.3
30°	153.3	152.5	154.9	157.6	153.6	140.9	124.5	107.6	91.7	76.3	61.7
27.5°	155.1	151.4	153.4	156.9	155.0	145.4	129.5	111.6	95.1	79.2	64.3
25°	157.2	152.1	152.3	155.4	156.2	149.5	134.0	115.4	98.4	82.0	66.6
22.5°	160.4	153.3	151.3	154.1	157.3	153.2	137.8	119.1	101.4	84.6	68.7
20°	163.3	154.3	150.3	152.8	157.1	154.1	140.8	122.5	104.2	86.9	70.5
17.5°	166.4	155.9	150.9	152.0	156.0	155.0	143.6	125.4	106.6	88.9	72.2
15°	171.3	158.0	151.6	151.3	155.0	155.7	146.0	127.9	108.7	90.7	73.6
12.5°	175.4	159.8	152.2	150.7	154.0	156.3	148.2	130.0	110.5	92.2	74.9
10°	178.8	161.2	152.5	150.1	153.2	156.8	149.9	131.9	112.1	93.3	75.9
7.5°	181.4	162.2	152.7	149.7	152.4	157.2	151.6	133.9	113.4	94.2	76.7
5°	183.3	163.4	153.3	149.5	152.0	157.5	152.8	135.5	114.5	94.8	77.2
2.5°	184.9	164.9	154.0	149.4	151.8	157.7	153.6	136.6	115.2	95.1	77.6
0°	185.7	166.0	154.7	149.4	151.7	157.7	154.0	137.4	115.5	95.1	77.7
-2.5°	184.9	164.9	154.0	149.4	151.8	157.7	153.6	136.6	115.2	95.1	77.6
-5°	183.3	163.4	153.3	149.5	152.0	157.5	152.8	135.5	114.5	94.8	77.2
-7.5°	181.4	162.2	152.7	149.7	152.4	157.2	151.6	133.9	113.4	94.2	76.7
-10°	178.8	161.2	152.5	150.1	153.2	156.8	149.9	131.9	112.1	93.3	75.9
-12.5°	175.4	159.8	152.2	150.7	154.0	156.3	148.2	130.0	110.5	92.2	74.9
-15°	171.3	158.0	151.6	151.3	155.0	155.7	146.0	127.9	108.7	90.7	73.6
-17.5°	166.4	155.9	150.9	152.0	156.0	155.0	143.6	125.4	106.6	88.9	72.2
-20°	163.3	154.3	150.3	152.8	157.1	154.1	140.8	122.5	104.2	86.9	70.5



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	160.4	153.3	151.3	154.1	157.3	153.2	137.8	119.1	101.4	84.6	68.7
-25°	157.2	152.1	152.3	155.4	156.2	149.5	134.0	115.4	98.4	82.0	66.6
-27.5°	155.1	151.4	153.4	156.9	155.0	145.4	129.5	111.6	95.1	79.2	64.3
-30°	153.3	152.5	154.9	157.6	153.6	140.9	124.5	107.6	91.7	76.3	61.7
-32.5°	152.1	153.6	156.7	156.0	149.5	135.9	119.0	103.2	87.9	73.2	59.3
-35°	153.5	155.5	158.2	154.3	143.8	129.5	113.4	98.5	83.9	69.8	56.8
-37.5°	155.1	157.8	156.1	150.2	137.7	122.7	107.9	93.6	79.7	66.2	54.1
-40°	157.6	158.2	154.2	143.2	130.3	115.7	102.0	88.6	75.3	62.4	51.3
-42.5°	159.7	156.1	148.2	136.0	122.3	108.9	95.9	83.2	70.8	58.8	48.4
-45°	157.5	151.7	140.5	127.5	114.2	101.9	89.8	77.7	66.1	55.3	45.4
-47.5°	153.6	143.3	131.5	118.5	106.3	94.7	83.4	72.4	61.3	51.7	42.3
-50°	144.5	133.6	121.2	109.6	98.3	87.5	77.0	66.9	57.0	48.0	39.1
-52.5°	133.4	122.0	111.1	100.6	90.3	80.1	70.9	61.3	52.5	44.0	35.7
-55°	120.6	110.8	101.1	91.6	82.1	73.2	64.6	56.1	47.9	40.0	32.2
-57.5°	108.5	99.7	91.2	82.6	74.3	66.4	58.4	50.6	43.2	35.9	29.3
-60°	96.5	89.1	81.4	74.0	66.7	59.4	52.1	45.1	38.4	31.8	26.3
-62.5°	85.2	78.6	72.1	65.5	59.0	52.4	45.7	39.7	33.5	28.3	23.3
-65°	74.2	68.5	62.8	57.3	51.4	45.5	39.7	34.2	29.3	24.8	20.4
-67.5°	63.3	58.9	54.2	49.1	44.0	38.9	33.6	29.3	25.3	21.2	18.1
-70°	53.8	49.7	45.6	41.3	36.8	32.3	28.5	24.8	21.2	18.4	15.7
-72.5°	44.3	40.8	37.2	33.5	30.1	26.8	23.4	20.4	18.0	15.6	13.3
-75°	34.9	32.2	29.5	26.8	24.0	21.2	18.9	16.7	14.7	12.8	10.9
-77.5°	26.5	24.4	22.2	20.4	18.5	16.6	14.8	13.0	11.5	10.1	8.5
-80°	18.7	17.5	16.2	14.9	13.5	12.0	10.9	9.7	8.6	7.4	6.1
-82.5°	11.8	11.2	10.6	10.0	9.1	8.3	7.4	6.5	5.6	4.7	4.0
-85°	7.0	6.6	6.1	5.6	5.1	4.5	4.2	3.8	3.4	3.1	2.7
-87.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
-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: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.8	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	6.9	5.1	3.9	2.9	1.9	1.0	0.0
75°	8.9	6.8	4.7	3.5	2.3	1.2	0.0
72.5°	11.0	8.5	6.1	4.0	2.7	1.4	0.0
70°	13.0	10.1	7.4	4.7	3.1	1.5	0.0
67.5°	15.0	11.8	8.6	5.6	3.4	1.7	0.0
65°	17.1	13.4	9.9	6.5	3.8	1.9	0.0
62.5°	19.1	15.1	11.1	7.4	4.2	2.1	0.0
60°	21.0	16.8	12.3	8.3	4.5	2.2	0.0
57.5°	23.5	18.5	13.7	9.2	5.1	2.4	0.0
55°	26.0	20.1	15.0	10.0	5.6	2.6	0.0
52.5°	28.5	21.8	16.3	10.8	6.2	2.7	0.0
50°	30.8	23.8	17.6	11.6	6.7	2.9	0.0
47.5°	33.2	25.7	18.8	12.4	7.2	3.0	0.0
45°	35.8	27.5	20.0	13.3	7.7	3.2	0.0
42.5°	38.3	29.2	21.2	14.2	8.2	3.3	0.0
40°	40.6	30.9	22.4	15.0	8.7	3.4	0.0
37.5°	42.8	32.5	23.7	15.8	9.1	3.6	0.0
35°	44.9	34.2	24.9	16.6	9.5	3.7	0.0
32.5°	46.9	35.8	26.0	17.3	9.9	3.8	0.0
30°	48.9	37.3	27.1	17.9	10.3	3.9	0.0
27.5°	50.8	38.7	28.0	18.5	10.7	4.0	0.0
25°	52.5	39.9	28.8	19.0	11.0	4.1	0.0
22.5°	54.1	41.0	29.6	19.5	11.3	4.2	0.0
20°	55.5	42.0	30.2	19.9	11.6	4.2	0.0
17.5°	56.8	42.8	30.8	20.2	11.8	4.3	0.0
15°	57.9	43.5	31.3	20.5	12.1	4.3	0.0
12.5°	58.9	44.1	31.7	20.7	12.3	4.4	0.0
10°	59.7	44.6	32.0	20.9	12.4	4.4	0.0
7.5°	60.3	45.0	32.3	21.0	12.6	4.5	0.0
5°	60.7	45.2	32.4	21.1	12.7	4.5	0.0
2.5°	61.0	45.3	32.5	21.1	12.8	4.5	0.0
0°	61.1	45.3	32.5	21.1	12.8	4.5	0.0
-2.5°	61.0	45.3	32.5	21.1	12.8	4.5	0.0
-5°	60.7	45.2	32.4	21.1	12.7	4.5	0.0
-7.5°	60.3	45.0	32.3	21.0	12.6	4.5	0.0
-10°	59.7	44.6	32.0	20.9	12.4	4.4	0.0
-12.5°	58.9	44.1	31.7	20.7	12.3	4.4	0.0
-15°	57.9	43.5	31.3	20.5	12.1	4.3	0.0
-17.5°	56.8	42.8	30.8	20.2	11.8	4.3	0.0
-20°	55.5	42.0	30.2	19.9	11.6	4.2	0.0



REPORT NUMBER: P558652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.1	41.0	29.6	19.5	11.3	4.2	0.0
-25°	52.5	39.9	28.8	19.0	11.0	4.1	0.0
-27.5°	50.8	38.7	28.0	18.5	10.7	4.0	0.0
-30°	48.9	37.3	27.1	17.9	10.3	3.9	0.0
-32.5°	46.9	35.8	26.0	17.3	9.9	3.8	0.0
-35°	44.9	34.2	24.9	16.6	9.5	3.7	0.0
-37.5°	42.8	32.5	23.7	15.8	9.1	3.6	0.0
-40°	40.6	30.9	22.4	15.0	8.7	3.4	0.0
-42.5°	38.3	29.2	21.2	14.2	8.2	3.3	0.0
-45°	35.8	27.5	20.0	13.3	7.7	3.2	0.0
-47.5°	33.2	25.7	18.8	12.4	7.2	3.0	0.0
-50°	30.8	23.8	17.6	11.6	6.7	2.9	0.0
-52.5°	28.5	21.8	16.3	10.8	6.2	2.7	0.0
-55°	26.0	20.1	15.0	10.0	5.6	2.6	0.0
-57.5°	23.5	18.5	13.7	9.2	5.1	2.4	0.0
-60°	21.0	16.8	12.3	8.3	4.5	2.2	0.0
-62.5°	19.1	15.1	11.1	7.4	4.2	2.1	0.0
-65°	17.1	13.4	9.9	6.5	3.8	1.9	0.0
-67.5°	15.0	11.8	8.6	5.6	3.4	1.7	0.0
-70°	13.0	10.1	7.4	4.7	3.1	1.5	0.0
-72.5°	11.0	8.5	6.1	4.0	2.7	1.4	0.0
-75°	8.9	6.8	4.7	3.5	2.3	1.2	0.0
-77.5°	6.9	5.1	3.9	2.9	1.9	1.0	0.0
-80°	4.8	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)