

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: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-927-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

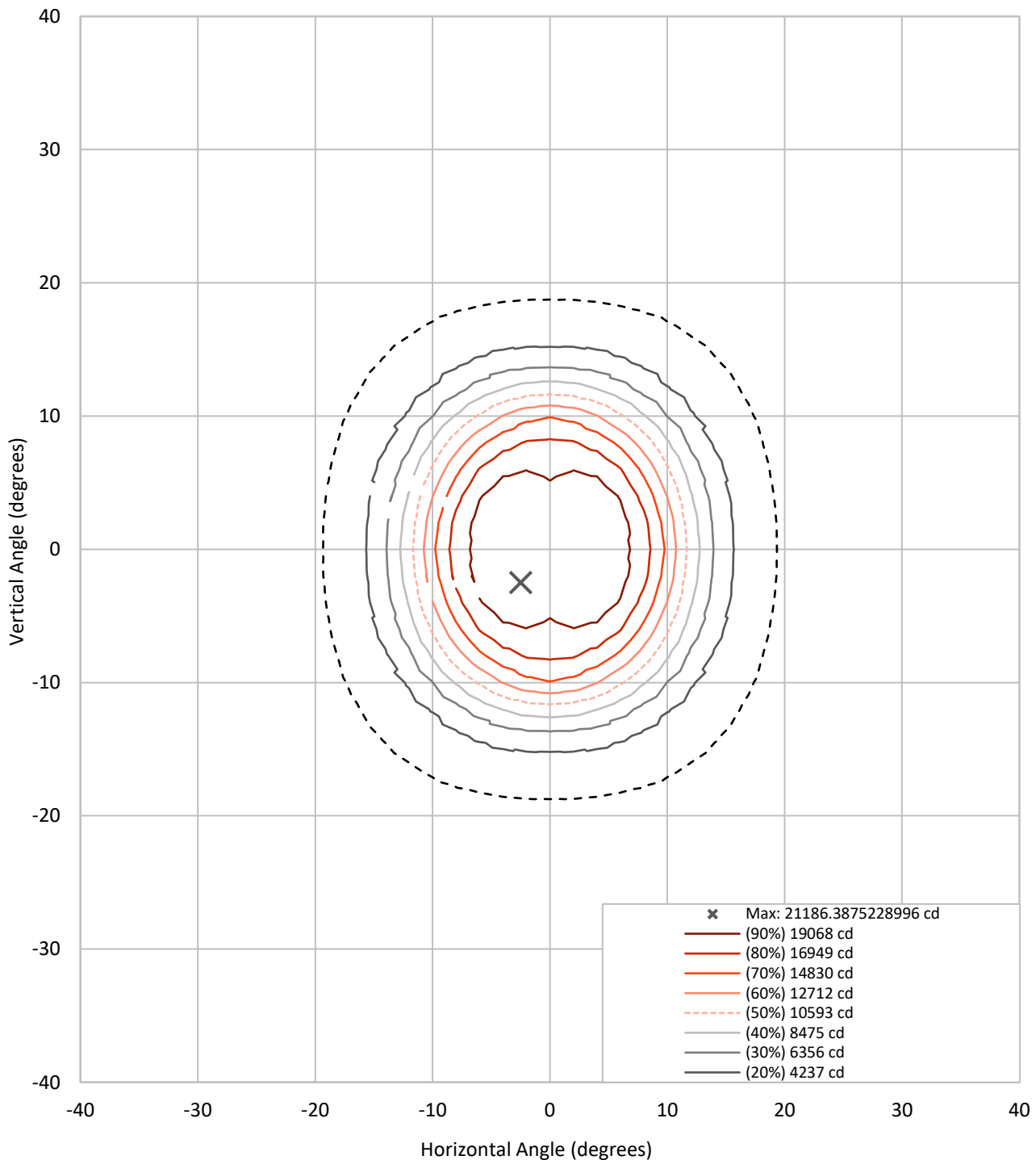
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4006.3 lumens	Max Intensity:	21186.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	91.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2162.9 lumens	Field Lumens:	3261.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 44
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-SA1C-927-U-NR-XX

Iso-Candela Plot





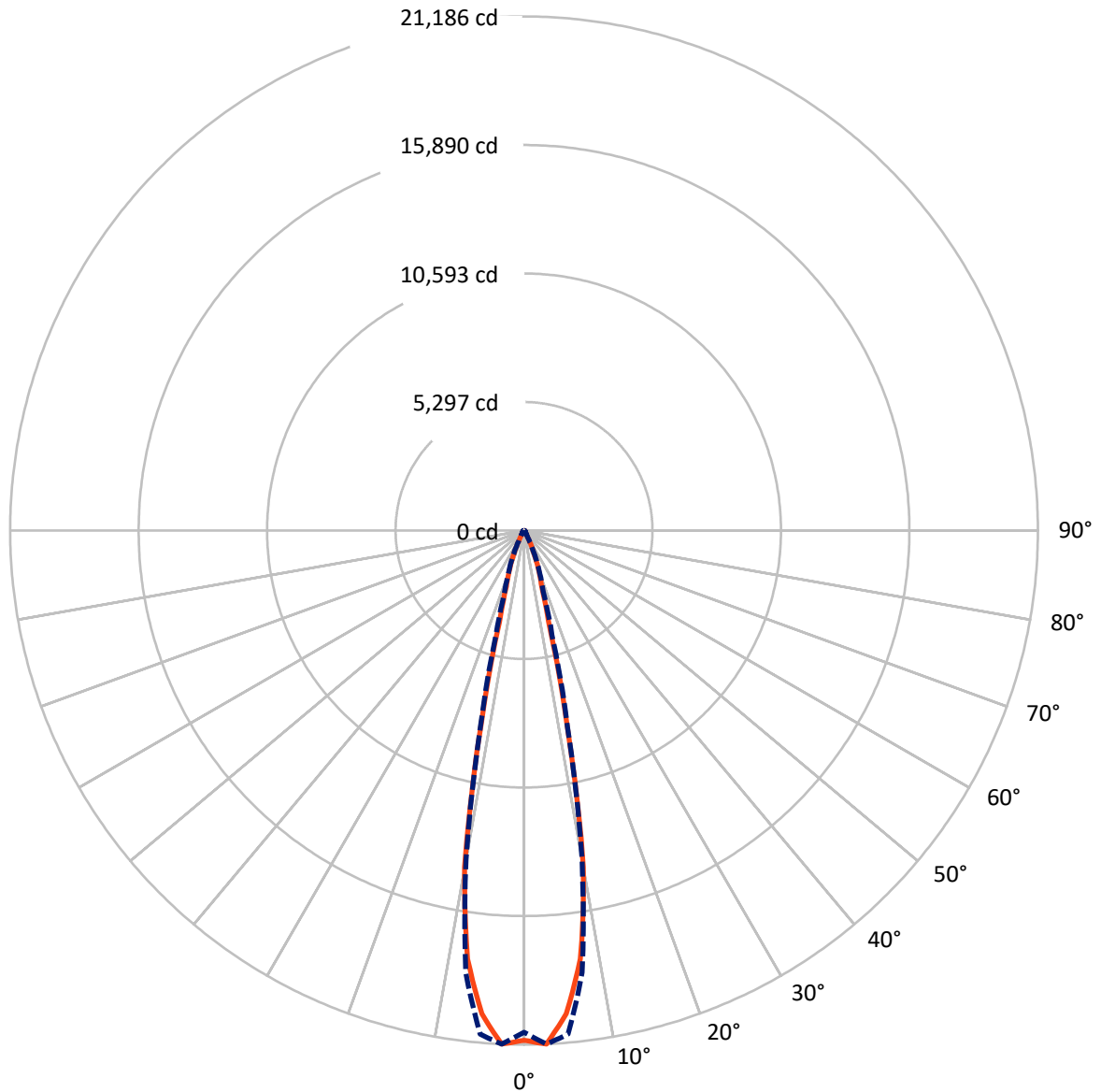
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Lumen Table

90																			
80	0.0	0.4		1.1		1.7		2.0		1.7		1.1		0.4		0.0			
70																			
60	0.2	0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.4	0.2	0.2			
50		0.3	0.6	1.0	1.3	1.6	1.8	1.8	1.8	1.8	1.6	1.3	1.0	0.6	0.3				
40	0.3	0.4	0.8	1.2	1.5	1.9	2.2	2.3	2.3	2.2	1.9	1.5	1.2	0.8	0.4	0.3			
30		0.5	0.9	1.4	1.8	2.5	3.3	3.9	3.9	3.3	2.5	1.8	1.4	0.9	0.5				
20	0.4	0.6	1.0	1.5	2.3	4.1	12.3	24.0	24.0	12.3	4.1	2.3	1.5	1.0	0.6	0.4			
10		0.6	1.1	1.6	2.8	12.2	56.1	144.2	144.2	56.1	12.2	2.8	1.6	1.1	0.6				
0	0.5	0.6	1.1	1.7	3.4	23.7	146.1	516.0	516.0	146.1	23.7	3.4	1.7	1.1	0.6	0.5			
-10		0.6	1.1	1.7	3.4	23.7	146.1	516.0	516.0	146.1	23.7	3.4	1.7	1.1	0.6				
-20	0.4	0.6	1.1	1.6	2.8	12.2	56.1	144.2	144.2	56.1	12.2	2.8	1.6	1.1	0.6	0.4			
-30		0.6	1.0	1.5	2.3	4.1	12.3	24.0	24.0	12.3	4.1	2.3	1.5	1.0	0.6				
-40	0.3	0.5	0.9	1.4	1.8	2.5	3.3	3.9	3.9	3.3	2.5	1.8	1.4	0.9	0.5	0.3			
-50		0.4	0.8	1.2	1.5	1.9	2.2	2.3	2.3	2.2	1.9	1.5	1.2	0.8	0.4				
-60	0.2	0.3	0.6	1.0	1.3	1.6	1.8	1.8	1.8	1.8	1.6	1.3	1.0	0.6	0.3	0.2			
-70		0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.4	0.2				
-80	0.0	0.4		1.1		1.7		2.0		1.7		1.1		0.4		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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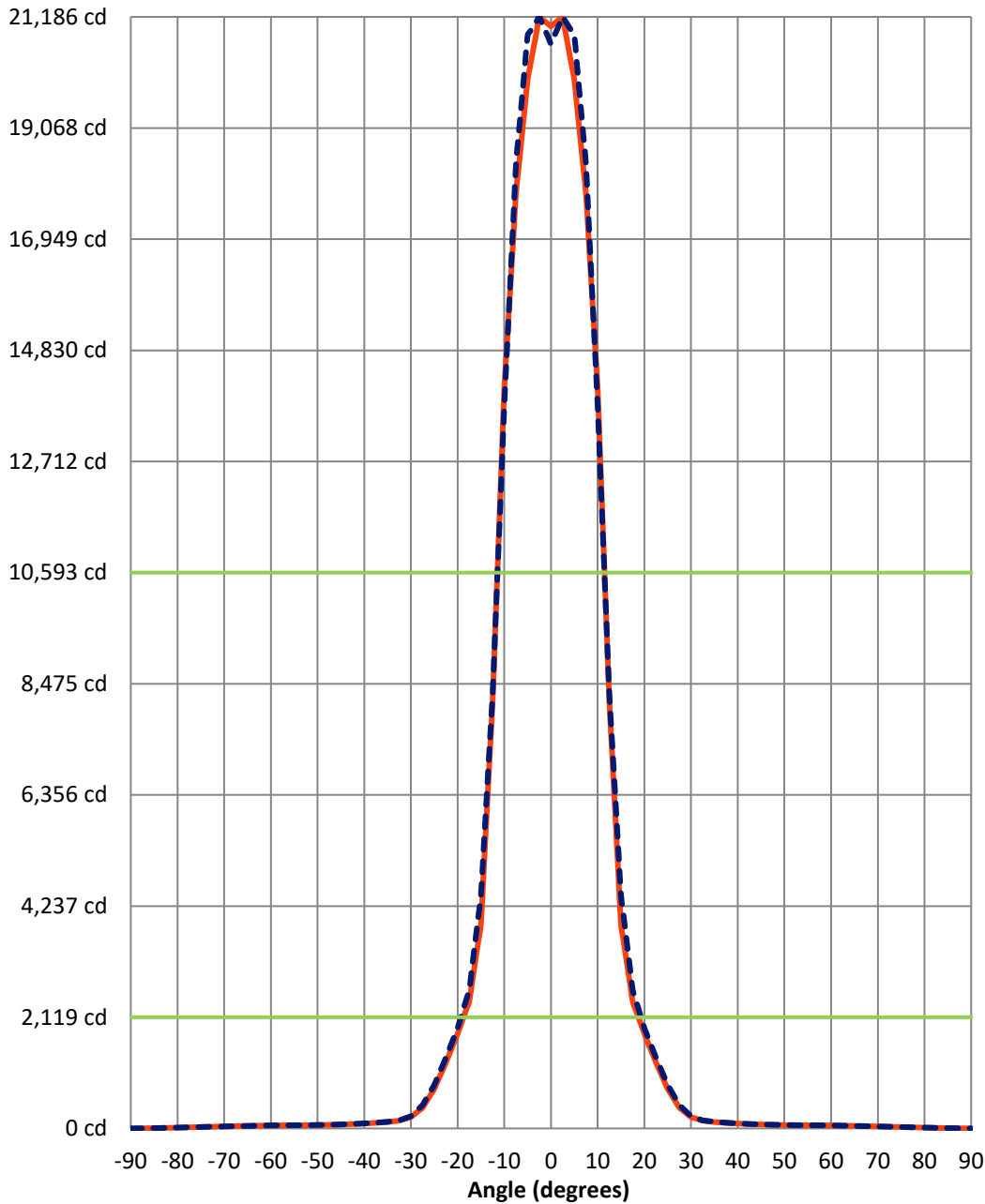
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 2162.9
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 3261.7
 Efficiency: 81.4%

Spill:
 Lumens: 744.6
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.7	3.2
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.9	3.5	4.1	4.8
77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.2	3.9	4.7	5.5	6.4
75°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.9	5.9	7.0	8.1
72.5°	0.0	0.7	1.3	2.0	2.9	3.9	4.9	6.0	7.3	8.6	9.8
70°	0.0	0.8	1.5	2.3	3.5	4.7	5.8	7.3	8.7	10.1	11.8
67.5°	0.0	0.8	1.7	2.7	4.1	5.4	6.9	8.5	10.1	12.1	13.9
65°	0.0	0.9	1.9	3.2	4.7	6.2	7.9	9.7	11.8	13.9	16.0
62.5°	0.0	1.0	2.0	3.6	5.3	7.0	9.0	11.1	13.5	15.8	18.2
60°	0.0	1.1	2.2	4.1	5.8	7.9	10.0	12.5	15.1	17.7	20.3
57.5°	0.0	1.2	2.5	4.5	6.5	8.7	11.1	13.9	16.7	19.6	22.4
55°	0.0	1.3	2.8	4.9	7.1	9.5	12.3	15.3	18.3	21.4	24.4
52.5°	0.0	1.3	3.0	5.3	7.7	10.3	13.4	16.6	19.9	23.2	26.4
50°	0.0	1.4	3.3	5.7	8.3	11.2	14.5	18.0	21.4	24.9	28.4
47.5°	0.0	1.5	3.5	6.1	8.8	12.0	15.6	19.3	22.9	26.6	30.3
45°	0.0	1.6	3.8	6.5	9.4	12.9	16.7	20.6	24.4	28.3	32.2
42.5°	0.0	1.6	4.0	6.9	9.9	13.7	17.7	21.8	25.8	29.9	33.9
40°	0.0	1.7	4.2	7.2	10.4	14.4	18.7	23.0	27.1	31.5	35.5
37.5°	0.0	1.7	4.4	7.5	11.0	15.2	19.7	24.1	28.5	33.0	36.9
35°	0.0	1.8	4.6	7.9	11.5	15.9	20.6	25.1	29.7	34.2	38.4
32.5°	0.0	1.9	4.8	8.2	12.1	16.6	21.5	26.1	30.9	35.4	39.8
30°	0.0	1.9	5.0	8.4	12.5	17.3	22.3	27.1	32.0	36.5	41.1
27.5°	0.0	2.0	5.1	8.7	13.0	18.0	23.0	27.9	32.9	37.5	42.2
25°	0.0	2.0	5.3	8.9	13.4	18.5	23.7	28.8	33.8	38.4	43.2
22.5°	0.0	2.0	5.4	9.2	13.8	19.1	24.4	29.5	34.5	39.3	44.1
20°	0.0	2.1	5.5	9.4	14.2	19.6	24.9	30.1	35.2	40.0	44.9
17.5°	0.0	2.1	5.6	9.5	14.5	20.0	25.4	30.7	35.8	40.6	45.6
15°	0.0	2.1	5.7	9.7	14.8	20.4	25.8	31.2	36.3	41.2	46.2
12.5°	0.0	2.1	5.8	9.8	15.0	20.7	26.2	31.6	36.8	41.6	46.7
10°	0.0	2.2	5.9	9.9	15.3	20.9	26.5	32.0	37.1	42.1	47.1
7.5°	0.0	2.2	5.9	10.0	15.4	21.1	26.7	32.3	37.4	42.4	47.4
5°	0.0	2.2	6.0	10.1	15.6	21.3	26.9	32.4	37.6	42.7	47.6
2.5°	0.0	2.2	6.0	10.1	15.7	21.4	27.0	32.6	37.8	43.0	47.6
0°	0.0	2.2	6.0	10.1	15.7	21.4	27.0	32.6	37.8	43.1	47.6
-2.5°	0.0	2.2	6.0	10.1	15.7	21.4	27.0	32.6	37.8	43.1	47.6
-5°	0.0	2.2	6.0	10.1	15.6	21.3	26.9	32.4	37.6	42.7	47.6
-7.5°	0.0	2.2	5.9	10.0	15.4	21.1	26.7	32.3	37.4	42.4	47.4
-10°	0.0	2.2	5.9	9.9	15.3	20.9	26.5	32.0	37.1	42.1	47.1
-12.5°	0.0	2.1	5.8	9.8	15.0	20.7	26.2	31.6	36.8	41.6	46.7
-15°	0.0	2.1	5.7	9.7	14.8	20.4	25.8	31.2	36.3	41.2	46.2
-17.5°	0.0	2.1	5.6	9.5	14.5	20.0	25.4	30.7	35.8	40.6	45.6
-20°	0.0	2.1	5.5	9.4	14.2	19.6	24.9	30.1	35.2	40.0	44.9



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	5.4	9.2	13.8	19.1	24.4	29.5	34.5	39.3	44.1
-25°	0.0	2.0	5.3	8.9	13.4	18.5	23.7	28.8	33.8	38.4	43.2
-27.5°	0.0	2.0	5.1	8.7	13.0	18.0	23.0	27.9	32.9	37.5	42.2
-30°	0.0	1.9	5.0	8.4	12.5	17.3	22.3	27.1	32.0	36.5	41.1
-32.5°	0.0	1.9	4.8	8.2	12.1	16.6	21.5	26.1	30.9	35.4	39.8
-35°	0.0	1.8	4.6	7.9	11.5	15.9	20.6	25.1	29.7	34.2	38.4
-37.5°	0.0	1.7	4.4	7.5	11.0	15.2	19.7	24.1	28.5	33.0	36.9
-40°	0.0	1.7	4.2	7.2	10.4	14.4	18.7	23.0	27.1	31.5	35.5
-42.5°	0.0	1.6	4.0	6.9	9.9	13.7	17.7	21.8	25.8	29.9	33.9
-45°	0.0	1.6	3.8	6.5	9.4	12.9	16.7	20.6	24.4	28.3	32.2
-47.5°	0.0	1.5	3.5	6.1	8.8	12.0	15.6	19.3	22.9	26.6	30.3
-50°	0.0	1.4	3.3	5.7	8.3	11.2	14.5	18.0	21.4	24.9	28.4
-52.5°	0.0	1.3	3.0	5.3	7.7	10.3	13.4	16.6	19.9	23.2	26.4
-55°	0.0	1.3	2.8	4.9	7.1	9.5	12.3	15.3	18.3	21.4	24.4
-57.5°	0.0	1.2	2.5	4.5	6.5	8.7	11.1	13.9	16.7	19.6	22.4
-60°	0.0	1.1	2.2	4.1	5.8	7.9	10.0	12.5	15.1	17.7	20.3
-62.5°	0.0	1.0	2.0	3.6	5.3	7.0	9.0	11.1	13.5	15.8	18.2
-65°	0.0	0.9	1.9	3.2	4.7	6.2	7.9	9.7	11.8	13.9	16.0
-67.5°	0.0	0.8	1.7	2.7	4.1	5.4	6.9	8.5	10.1	12.1	13.9
-70°	0.0	0.8	1.5	2.3	3.5	4.7	5.8	7.3	8.7	10.1	11.8
-72.5°	0.0	0.7	1.3	2.0	2.9	3.9	4.9	6.0	7.3	8.6	9.8
-75°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.9	5.9	7.0	8.1
-77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.2	3.9	4.7	5.5	6.4
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.9	3.5	4.1	4.8
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.7	3.2
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.4	3.7	3.9	4.1
82.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.4	5.8	6.3	6.7	7.1
80°	5.3	5.8	6.3	6.9	7.5	8.1	8.6	9.2	9.7	10.2	10.8
77.5°	7.2	7.9	8.7	9.4	10.3	11.2	12.0	12.9	13.6	14.4	15.1
75°	9.0	10.0	11.1	12.3	13.4	14.5	15.6	16.6	17.6	18.6	19.5
72.5°	11.1	12.5	13.9	15.3	16.7	18.1	19.4	20.5	21.8	23.0	24.2
70°	13.5	15.1	16.8	18.5	20.2	21.7	23.3	24.8	26.4	27.7	28.8
67.5°	15.8	17.8	19.7	21.7	23.6	25.3	27.2	28.9	30.5	31.9	33.2
65°	18.2	20.4	22.6	24.7	26.8	28.9	30.9	32.7	34.5	36.0	37.5
62.5°	20.6	23.0	25.4	27.7	30.1	32.4	34.5	36.5	38.4	40.0	41.6
60°	22.9	25.5	28.1	30.7	33.4	35.8	38.0	40.1	42.0	43.8	45.5
57.5°	25.2	28.0	30.8	33.7	36.4	39.0	41.3	43.4	45.4	47.3	49.1
55°	27.4	30.4	33.4	36.4	39.3	42.0	44.4	46.6	48.7	50.4	52.1
52.5°	29.6	32.7	35.9	39.0	42.0	44.8	47.3	49.5	51.4	53.2	54.7
50°	31.8	35.0	38.3	41.5	44.5	47.4	49.9	52.0	53.9	55.5	56.9
47.5°	33.8	37.2	40.5	43.8	46.9	49.7	52.2	54.2	56.0	57.5	58.8
45°	35.8	39.3	42.8	46.0	49.1	51.9	54.2	56.2	57.8	59.3	60.6
42.5°	37.6	41.4	44.8	48.1	51.1	53.8	56.0	57.9	59.6	61.0	62.5
40°	39.4	43.3	46.8	50.0	53.0	55.5	57.6	59.5	61.2	62.8	64.4
37.5°	41.1	45.1	48.7	51.9	54.5	57.0	59.1	61.0	62.8	64.6	66.8
35°	42.8	46.8	50.4	53.6	56.2	58.3	60.5	62.5	64.7	67.0	69.4
32.5°	44.3	48.4	52.1	55.0	57.4	59.6	61.8	64.4	66.9	69.5	72.4
30°	45.7	49.9	53.6	56.4	58.6	60.7	63.4	66.3	69.2	72.2	75.7
27.5°	46.9	51.3	54.8	57.4	59.6	61.7	64.6	68.3	71.5	74.7	78.5
25°	48.0	52.4	55.8	58.3	60.4	62.6	65.7	69.4	73.5	77.0	82.3
22.5°	48.9	53.4	56.8	59.1	61.0	63.4	66.4	70.2	74.4	78.8	86.2
20°	49.7	54.2	57.6	59.7	61.4	63.9	66.9	70.7	75.4	81.7	89.9
17.5°	50.5	54.9	58.2	60.2	62.0	64.3	67.0	71.0	76.4	84.3	93.3
15°	51.1	55.6	58.7	60.6	62.4	64.7	67.6	71.8	78.1	86.7	96.5
12.5°	51.6	56.3	59.2	60.9	62.7	65.0	68.3	73.0	80.0	89.2	99.9
10°	51.9	57.0	59.5	61.1	62.8	65.2	68.9	74.0	81.6	91.4	103.0
7.5°	52.3	57.5	59.8	61.3	62.8	65.3	69.4	74.8	82.8	93.3	105.6
5°	52.6	57.8	60.0	61.4	62.8	65.3	69.7	75.2	83.5	94.7	107.5
2.5°	52.7	58.0	60.2	61.5	62.7	65.3	70.0	75.9	84.5	95.8	108.6
0°	52.8	58.1	60.3	61.5	62.6	65.2	70.1	76.4	85.1	96.3	109.0
-2.5°	52.7	58.0	60.2	61.5	62.7	65.3	70.0	75.9	84.5	95.8	108.6
-5°	52.6	57.8	60.0	61.4	62.8	65.3	69.7	75.2	83.5	94.7	107.5
-7.5°	52.3	57.5	59.8	61.3	62.8	65.3	69.4	74.8	82.8	93.3	105.6
-10°	51.9	57.0	59.5	61.1	62.8	65.2	68.9	74.0	81.6	91.4	103.0
-12.5°	51.6	56.3	59.2	60.9	62.7	65.0	68.3	73.0	80.0	89.2	99.9
-15°	51.1	55.6	58.7	60.6	62.4	64.7	67.6	71.8	78.1	86.7	96.5
-17.5°	50.5	54.9	58.2	60.2	62.0	64.3	67.0	71.0	76.4	84.3	93.3
-20°	49.7	54.2	57.6	59.7	61.4	63.9	66.9	70.7	75.4	81.7	89.9



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	48.9	53.4	56.8	59.1	61.0	63.4	66.4	70.2	74.4	78.8	86.2
-25°	48.0	52.4	55.8	58.3	60.4	62.6	65.7	69.4	73.5	77.0	82.3
-27.5°	46.9	51.3	54.8	57.4	59.6	61.7	64.6	68.3	71.5	74.7	78.5
-30°	45.7	49.9	53.6	56.4	58.6	60.7	63.4	66.3	69.2	72.2	75.7
-32.5°	44.3	48.4	52.1	55.0	57.4	59.6	61.8	64.4	66.9	69.5	72.4
-35°	42.8	46.8	50.4	53.6	56.2	58.3	60.5	62.5	64.7	67.0	69.4
-37.5°	41.1	45.1	48.7	51.9	54.5	57.0	59.1	61.0	62.8	64.6	66.8
-40°	39.4	43.3	46.8	50.0	53.0	55.5	57.6	59.5	61.2	62.8	64.4
-42.5°	37.6	41.4	44.8	48.1	51.1	53.8	56.0	57.9	59.6	61.0	62.5
-45°	35.8	39.3	42.8	46.0	49.1	51.9	54.2	56.2	57.8	59.3	60.6
-47.5°	33.8	37.2	40.5	43.8	46.9	49.7	52.2	54.2	56.0	57.5	58.8
-50°	31.8	35.0	38.3	41.5	44.5	47.4	49.9	52.0	53.9	55.5	56.9
-52.5°	29.6	32.7	35.9	39.0	42.0	44.8	47.3	49.5	51.4	53.2	54.7
-55°	27.4	30.4	33.4	36.4	39.3	42.0	44.4	46.6	48.7	50.4	52.1
-57.5°	25.2	28.0	30.8	33.7	36.4	39.0	41.3	43.4	45.4	47.3	49.1
-60°	22.9	25.5	28.1	30.7	33.4	35.8	38.0	40.1	42.0	43.8	45.5
-62.5°	20.6	23.0	25.4	27.7	30.1	32.4	34.5	36.5	38.4	40.0	41.6
-65°	18.2	20.4	22.6	24.7	26.8	28.9	30.9	32.7	34.5	36.0	37.5
-67.5°	15.8	17.8	19.7	21.7	23.6	25.3	27.2	28.9	30.5	31.9	33.2
-70°	13.5	15.1	16.8	18.5	20.2	21.7	23.3	24.8	26.4	27.7	28.8
-72.5°	11.1	12.5	13.9	15.3	16.7	18.1	19.4	20.5	21.8	23.0	24.2
-75°	9.0	10.0	11.1	12.3	13.4	14.5	15.6	16.6	17.6	18.6	19.5
-77.5°	7.2	7.9	8.7	9.4	10.3	11.2	12.0	12.9	13.6	14.4	15.1
-80°	5.3	5.8	6.3	6.9	7.5	8.1	8.6	9.2	9.7	10.2	10.8
-82.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.4	5.8	6.3	6.7	7.1
-85°	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.4	3.7	3.9	4.1
-87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-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: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	1.8	1.8	1.8	1.8	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	4.4	4.5	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.7
82.5°	7.5	7.8	8.0	8.3	8.5	8.8	9.1	9.4	9.6	9.8	9.9
80°	11.3	11.8	12.2	12.6	13.0	13.5	13.9	14.3	14.7	14.9	15.1
77.5°	15.9	16.5	17.1	17.6	18.2	18.7	19.1	19.4	19.7	20.1	20.4
75°	20.4	21.3	22.1	22.8	23.4	24.0	24.5	24.9	25.4	25.7	26.1
72.5°	25.3	26.2	27.1	27.8	28.6	29.3	30.0	30.6	31.1	31.6	31.9
70°	29.9	30.9	32.0	33.0	33.8	34.7	35.4	36.0	36.6	37.1	37.5
67.5°	34.4	35.6	36.8	37.8	38.8	39.7	40.5	41.3	42.0	42.5	42.9
65°	38.9	40.2	41.4	42.6	43.6	44.5	45.4	46.2	46.9	47.4	47.8
62.5°	43.2	44.6	45.9	47.0	48.2	49.1	49.9	50.6	51.3	51.9	52.2
60°	47.1	48.6	49.8	50.9	51.9	52.8	53.6	54.4	55.2	55.8	56.3
57.5°	50.5	51.9	53.1	54.1	55.0	55.9	56.7	57.3	57.8	58.2	58.5
55°	53.5	54.7	55.9	56.9	57.7	58.3	58.9	59.4	59.7	60.0	60.2
52.5°	56.1	57.2	58.3	59.3	59.9	60.5	61.0	61.5	61.8	61.9	61.9
50°	58.1	59.3	60.4	61.2	62.1	63.0	64.0	64.5	64.7	64.6	64.4
47.5°	60.0	61.2	62.3	63.4	64.6	66.2	67.8	68.6	68.5	68.1	68.0
45°	61.9	63.2	64.5	66.1	67.8	69.8	71.7	72.8	72.8	72.9	73.2
42.5°	63.8	65.4	67.2	69.4	71.6	73.9	75.9	77.3	78.4	79.8	80.9
40°	66.2	68.0	70.6	73.3	76.2	78.7	81.8	84.4	86.6	88.6	90.1
37.5°	69.0	71.5	74.9	78.4	82.2	86.0	89.6	93.0	95.8	99.1	101.6
35°	72.2	75.9	80.0	84.4	89.1	94.0	98.6	104.0	108.7	112.9	116.4
32.5°	76.1	80.5	85.6	91.4	97.4	103.7	110.4	117.3	123.9	130.8	137.7
30°	80.0	85.9	92.3	99.4	106.3	114.6	123.4	134.7	146.5	159.9	180.7
27.5°	84.9	91.8	99.3	107.4	116.9	127.6	144.4	165.3	200.8	227.4	298.9
25°	89.5	97.4	107.1	117.6	130.4	149.9	190.0	236.3	339.6	436.3	548.0
22.5°	94.3	104.1	115.6	128.5	150.7	201.0	277.3	417.1	576.6	746.0	918.4
20°	99.0	110.6	125.1	146.6	193.1	279.1	450.4	675.1	901.8	1178.7	1418.1
17.5°	104.4	118.8	137.7	169.9	246.6	430.9	684.4	996.1	1346.8	1702.8	2001.7
15°	108.8	125.7	150.9	214.1	358.8	603.3	935.0	1357.5	1835.8	2285.8	2669.7
12.5°	113.7	133.3	166.5	249.9	462.2	783.7	1220.9	1740.9	2314.6	2931.3	3907.6
10°	118.2	141.0	192.8	324.2	581.5	966.1	1476.9	2062.8	2758.7	3993.3	6301.2
7.5°	122.0	147.1	212.5	379.6	689.5	1138.1	1685.6	2338.1	3384.3	5458.5	9342.3
5°	124.6	151.2	226.2	421.1	775.6	1265.0	1819.0	2519.3	4022.5	7249.6	11926.0
2.5°	126.5	153.4	233.5	445.2	830.0	1349.0	1913.6	2641.4	4451.0	8285.6	13764.6
0°	127.8	154.0	235.0	466.2	848.4	1377.5	1918.3	2674.1	4598.0	8690.0	14419.7
-2.5°	126.5	153.4	233.5	445.2	830.0	1349.0	1913.6	2641.4	4451.0	8285.6	13764.6
-5°	124.6	151.2	226.2	421.1	775.6	1265.0	1819.0	2519.3	4022.5	7249.6	11926.0
-7.5°	122.0	147.1	212.5	379.6	689.5	1138.1	1685.6	2338.1	3384.3	5458.5	9342.3
-10°	118.2	141.0	192.8	324.2	581.5	966.1	1476.9	2062.8	2758.7	3993.3	6301.2
-12.5°	113.7	133.3	166.5	249.9	462.2	783.7	1220.9	1740.9	2314.6	2931.3	3907.6
-15°	108.8	125.7	150.9	214.1	358.8	603.3	935.0	1357.5	1835.8	2285.8	2669.7
-17.5°	104.4	118.8	137.7	169.9	246.6	430.9	684.4	996.1	1346.8	1702.8	2001.7
-20°	99.0	110.6	125.1	146.6	193.1	279.1	450.4	675.1	901.8	1178.7	1418.1



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	94.3	104.1	115.6	128.5	150.7	201.0	277.3	417.1	576.6	746.0	918.4
-25°	89.5	97.4	107.1	117.6	130.4	149.9	190.0	236.3	339.6	436.3	548.0
-27.5°	84.9	91.8	99.3	107.4	116.9	127.6	144.4	165.3	200.8	227.4	298.9
-30°	80.0	85.9	92.3	99.4	106.3	114.6	123.4	134.7	146.5	159.9	180.7
-32.5°	76.1	80.5	85.6	91.4	97.4	103.7	110.4	117.3	123.9	130.8	137.7
-35°	72.2	75.9	80.0	84.4	89.1	94.0	98.6	104.0	108.7	112.9	116.4
-37.5°	69.0	71.5	74.9	78.4	82.2	86.0	89.6	93.0	95.8	99.1	101.6
-40°	66.2	68.0	70.6	73.3	76.2	78.7	81.8	84.4	86.6	88.6	90.1
-42.5°	63.8	65.4	67.2	69.4	71.6	73.9	75.9	77.3	78.4	79.8	80.9
-45°	61.9	63.2	64.5	66.1	67.8	69.8	71.7	72.8	72.8	72.9	73.2
-47.5°	60.0	61.2	62.3	63.4	64.6	66.2	67.8	68.6	68.5	68.1	68.0
-50°	58.1	59.3	60.4	61.2	62.1	63.0	64.0	64.5	64.7	64.6	64.4
-52.5°	56.1	57.2	58.3	59.3	59.9	60.5	61.0	61.5	61.8	61.9	61.9
-55°	53.5	54.7	55.9	56.9	57.7	58.3	58.9	59.4	59.7	60.0	60.2
-57.5°	50.5	51.9	53.1	54.1	55.0	55.9	56.7	57.3	57.8	58.2	58.5
-60°	47.1	48.6	49.8	50.9	51.9	52.8	53.6	54.4	55.2	55.8	56.3
-62.5°	43.2	44.6	45.9	47.0	48.2	49.1	49.9	50.6	51.3	51.9	52.2
-65°	38.9	40.2	41.4	42.6	43.6	44.5	45.4	46.2	46.9	47.4	47.8
-67.5°	34.4	35.6	36.8	37.8	38.8	39.7	40.5	41.3	42.0	42.5	42.9
-70°	29.9	30.9	32.0	33.0	33.8	34.7	35.4	36.0	36.6	37.1	37.5
-72.5°	25.3	26.2	27.1	27.8	28.6	29.3	30.0	30.6	31.1	31.6	31.9
-75°	20.4	21.3	22.1	22.8	23.4	24.0	24.5	24.9	25.4	25.7	26.1
-77.5°	15.9	16.5	17.1	17.6	18.2	18.7	19.1	19.4	19.7	20.1	20.4
-80°	11.3	11.8	12.2	12.6	13.0	13.5	13.9	14.3	14.7	14.9	15.1
-82.5°	7.5	7.8	8.0	8.3	8.5	8.8	9.1	9.4	9.6	9.8	9.9
-85°	4.4	4.5	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.7
-87.5°	1.8	1.8	1.8	1.8	1.7	1.8	1.9	2.0	2.1	2.1	2.2
-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: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0
85°	5.8	6.0	5.8	5.6	5.8	6.0	5.8	5.7	5.5	5.4	5.3
82.5°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.6	9.4
80°	15.2	15.3	15.5	15.7	15.5	15.3	15.2	15.1	14.9	14.7	14.3
77.5°	20.7	20.9	21.0	21.0	21.0	20.9	20.7	20.4	20.1	19.7	19.4
75°	26.3	26.5	27.0	27.4	27.0	26.5	26.3	26.1	25.7	25.4	24.9
72.5°	32.2	32.4	32.8	33.0	32.8	32.4	32.2	31.9	31.6	31.1	30.6
70°	37.8	38.0	38.2	38.2	38.2	38.0	37.8	37.5	37.1	36.6	36.0
67.5°	43.2	43.3	43.3	43.1	43.3	43.3	43.2	42.9	42.5	42.0	41.3
65°	48.0	48.1	48.1	48.0	48.1	48.1	48.0	47.8	47.4	46.9	46.2
62.5°	52.5	52.6	52.7	52.8	52.7	52.6	52.5	52.2	51.9	51.3	50.6
60°	56.7	57.1	57.2	57.3	57.2	57.1	56.7	56.3	55.8	55.2	54.4
57.5°	58.8	59.1	59.2	59.2	59.2	59.1	58.8	58.5	58.2	57.8	57.3
55°	60.3	60.3	60.2	60.0	60.2	60.3	60.3	60.2	60.0	59.7	59.4
52.5°	61.8	61.6	61.5	61.5	61.5	61.6	61.8	61.9	61.9	61.8	61.5
50°	64.2	63.8	63.7	63.7	63.7	63.8	64.2	64.4	64.6	64.7	64.5
47.5°	68.2	68.3	68.5	68.6	68.5	68.3	68.2	68.0	68.1	68.5	68.6
45°	73.9	74.4	74.8	74.9	74.8	74.4	73.9	73.2	72.9	72.8	72.8
42.5°	82.0	82.7	82.9	82.8	82.9	82.7	82.0	80.9	79.8	78.4	77.3
40°	91.7	93.0	93.7	93.7	93.7	93.0	91.7	90.1	88.6	86.6	84.4
37.5°	103.8	105.5	106.3	106.0	106.3	105.5	103.8	101.6	99.1	95.8	93.0
35°	119.0	120.7	121.4	122.2	121.4	120.7	119.0	116.4	112.9	108.7	104.0
32.5°	143.2	146.6	148.0	146.1	148.0	146.6	143.2	137.7	130.8	123.9	117.3
30°	194.7	207.2	215.5	219.6	215.5	207.2	194.7	180.7	159.9	146.5	134.7
27.5°	348.1	380.7	394.4	402.1	394.4	380.7	348.1	298.9	227.4	200.8	165.3
25°	643.6	713.1	753.1	749.8	753.1	713.1	643.6	548.0	436.3	339.6	236.3
22.5°	1078.6	1188.3	1254.1	1278.2	1254.1	1188.3	1078.6	918.4	746.0	576.6	417.1
20°	1617.9	1740.9	1805.2	1814.8	1805.2	1740.9	1617.9	1418.1	1178.7	901.8	675.1
17.5°	2236.9	2353.5	2421.2	2420.4	2421.2	2353.5	2236.9	2001.7	1702.8	1346.8	996.1
15°	3192.6	3643.7	3898.0	3860.9	3898.0	3643.7	3192.6	2669.7	2285.8	1835.8	1357.5
12.5°	5231.2	7033.0	8150.6	8426.6	8150.6	7033.0	5231.2	3907.6	2931.3	2314.6	1740.9
10°	9244.2	11939.8	14092.5	14714.6	14092.5	11939.8	9244.2	6301.2	3993.3	2758.7	2062.8
7.5°	13297.2	16496.4	17813.0	17966.0	17813.0	16496.4	13297.2	9342.3	5458.5	3384.3	2338.1
5°	16356.4	19611.7	19988.5	19042.0	19988.5	19611.7	16356.4	11926.0	7249.6	4022.5	2519.3
2.5°	18375.7	20835.2	21186.4	20677.0	21186.4	20835.2	18375.7	13764.6	8285.6	4451.0	2641.4
0°	18836.2	20509.8	21008.8	21063.3	21008.8	20509.8	18836.2	14419.7	8690.0	4598.0	2674.1
-2.5°	18375.7	20835.2	21186.4	20677.0	21186.4	20835.2	18375.7	13764.6	8285.6	4451.0	2641.4
-5°	16356.4	19611.7	19988.5	19042.0	19988.5	19611.7	16356.4	11926.0	7249.6	4022.5	2519.3
-7.5°	13297.2	16496.4	17813.0	17966.0	17813.0	16496.4	13297.2	9342.3	5458.5	3384.3	2338.1
-10°	9244.2	11939.8	14092.5	14714.6	14092.5	11939.8	9244.2	6301.2	3993.3	2758.7	2062.8
-12.5°	5231.2	7033.0	8150.6	8426.6	8150.6	7033.0	5231.2	3907.6	2931.3	2314.6	1740.9
-15°	3192.6	3643.7	3898.0	3860.9	3898.0	3643.7	3192.6	2669.7	2285.8	1835.8	1357.5
-17.5°	2236.9	2353.5	2421.2	2420.4	2421.2	2353.5	2236.9	2001.7	1702.8	1346.8	996.1
-20°	1617.9	1740.9	1805.2	1814.8	1805.2	1740.9	1617.9	1418.1	1178.7	901.8	675.1



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1078.6	1188.3	1254.1	1278.2	1254.1	1188.3	1078.6	918.4	746.0	576.6	417.1
-25°	643.6	713.1	753.1	749.8	753.1	713.1	643.6	548.0	436.3	339.6	236.3
-27.5°	348.1	380.7	394.4	402.1	394.4	380.7	348.1	298.9	227.4	200.8	165.3
-30°	194.7	207.2	215.5	219.6	215.5	207.2	194.7	180.7	159.9	146.5	134.7
-32.5°	143.2	146.6	148.0	146.1	148.0	146.6	143.2	137.7	130.8	123.9	117.3
-35°	119.0	120.7	121.4	122.2	121.4	120.7	119.0	116.4	112.9	108.7	104.0
-37.5°	103.8	105.5	106.3	106.0	106.3	105.5	103.8	101.6	99.1	95.8	93.0
-40°	91.7	93.0	93.7	93.7	93.7	93.0	91.7	90.1	88.6	86.6	84.4
-42.5°	82.0	82.7	82.9	82.8	82.9	82.7	82.0	80.9	79.8	78.4	77.3
-45°	73.9	74.4	74.8	74.9	74.8	74.4	73.9	73.2	72.9	72.8	72.8
-47.5°	68.2	68.3	68.5	68.6	68.5	68.3	68.2	68.0	68.1	68.5	68.6
-50°	64.2	63.8	63.7	63.7	63.7	63.8	64.2	64.4	64.6	64.7	64.5
-52.5°	61.8	61.6	61.5	61.5	61.5	61.6	61.8	61.9	61.9	61.8	61.5
-55°	60.3	60.3	60.2	60.0	60.2	60.3	60.3	60.2	60.0	59.7	59.4
-57.5°	58.8	59.1	59.2	59.2	59.2	59.1	58.8	58.5	58.2	57.8	57.3
-60°	56.7	57.1	57.2	57.3	57.2	57.1	56.7	56.3	55.8	55.2	54.4
-62.5°	52.5	52.6	52.7	52.8	52.7	52.6	52.5	52.2	51.9	51.3	50.6
-65°	48.0	48.1	48.1	48.0	48.1	48.1	48.0	47.8	47.4	46.9	46.2
-67.5°	43.2	43.3	43.3	43.1	43.3	43.3	43.2	42.9	42.5	42.0	41.3
-70°	37.8	38.0	38.2	38.2	38.2	38.0	37.8	37.5	37.1	36.6	36.0
-72.5°	32.2	32.4	32.8	33.0	32.8	32.4	32.2	31.9	31.6	31.1	30.6
-75°	26.3	26.5	27.0	27.4	27.0	26.5	26.3	26.1	25.7	25.4	24.9
-77.5°	20.7	20.9	21.0	21.0	21.0	20.9	20.7	20.4	20.1	19.7	19.4
-80°	15.2	15.3	15.5	15.7	15.5	15.3	15.2	15.1	14.9	14.7	14.3
-82.5°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.6	9.4
-85°	5.8	6.0	5.8	5.6	5.8	6.0	5.8	5.7	5.5	5.4	5.3
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	1.9	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
85°	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.1	3.9	3.7	3.4
82.5°	9.1	8.8	8.5	8.3	8.0	7.8	7.5	7.1	6.7	6.3	5.8
80°	13.9	13.5	13.0	12.6	12.2	11.8	11.3	10.8	10.2	9.7	9.2
77.5°	19.1	18.7	18.2	17.6	17.1	16.5	15.9	15.1	14.4	13.6	12.9
75°	24.5	24.0	23.4	22.8	22.1	21.3	20.4	19.5	18.6	17.6	16.6
72.5°	30.0	29.3	28.6	27.8	27.1	26.2	25.3	24.2	23.0	21.8	20.5
70°	35.4	34.7	33.8	33.0	32.0	30.9	29.9	28.8	27.7	26.4	24.8
67.5°	40.5	39.7	38.8	37.8	36.8	35.6	34.4	33.2	31.9	30.5	28.9
65°	45.4	44.5	43.6	42.6	41.4	40.2	38.9	37.5	36.0	34.5	32.7
62.5°	49.9	49.1	48.2	47.0	45.9	44.6	43.2	41.6	40.0	38.4	36.5
60°	53.6	52.8	51.9	50.9	49.8	48.6	47.1	45.5	43.8	42.0	40.1
57.5°	56.7	55.9	55.0	54.1	53.1	51.9	50.5	49.1	47.3	45.4	43.4
55°	58.9	58.3	57.7	56.9	55.9	54.7	53.5	52.1	50.4	48.7	46.6
52.5°	61.0	60.5	59.9	59.3	58.3	57.2	56.1	54.7	53.2	51.4	49.5
50°	64.0	63.0	62.1	61.2	60.4	59.3	58.1	56.9	55.5	53.9	52.0
47.5°	67.8	66.2	64.6	63.4	62.3	61.2	60.0	58.8	57.5	56.0	54.2
45°	71.7	69.8	67.8	66.1	64.5	63.2	61.9	60.6	59.3	57.8	56.2
42.5°	75.9	73.9	71.6	69.4	67.2	65.4	63.8	62.5	61.0	59.6	57.9
40°	81.8	78.7	76.2	73.3	70.6	68.0	66.2	64.4	62.8	61.2	59.5
37.5°	89.6	86.0	82.2	78.4	74.9	71.5	69.0	66.8	64.6	62.8	61.0
35°	98.6	94.0	89.1	84.4	80.0	75.9	72.2	69.4	67.0	64.7	62.5
32.5°	110.4	103.7	97.4	91.4	85.6	80.5	76.1	72.4	69.5	66.9	64.4
30°	123.4	114.6	106.3	99.4	92.3	85.9	80.0	75.7	72.2	69.2	66.3
27.5°	144.4	127.6	116.9	107.4	99.3	91.8	84.9	78.5	74.7	71.5	68.3
25°	190.0	149.9	130.4	117.6	107.1	97.4	89.5	82.3	77.0	73.5	69.4
22.5°	277.3	201.0	150.7	128.5	115.6	104.1	94.3	86.2	78.8	74.4	70.2
20°	450.4	279.1	193.1	146.6	125.1	110.6	99.0	89.9	81.7	75.4	70.7
17.5°	684.4	430.9	246.6	169.9	137.7	118.8	104.4	93.3	84.3	76.4	71.0
15°	935.0	603.3	358.8	214.1	150.9	125.7	108.8	96.5	86.7	78.1	71.8
12.5°	1220.9	783.7	462.2	249.9	166.5	133.3	113.7	99.9	89.2	80.0	73.0
10°	1476.9	966.1	581.5	324.2	192.8	141.0	118.2	103.0	91.4	81.6	74.0
7.5°	1685.6	1138.1	689.5	379.6	212.5	147.1	122.0	105.6	93.3	82.8	74.8
5°	1819.0	1265.0	775.6	421.1	226.2	151.2	124.6	107.5	94.7	83.5	75.2
2.5°	1913.6	1349.0	830.0	445.2	233.5	153.4	126.5	108.6	95.8	84.5	75.9
0°	1918.3	1377.5	848.4	466.2	235.0	154.0	127.8	109.0	96.3	85.1	76.4
-2.5°	1913.6	1349.0	830.0	445.2	233.5	153.4	126.5	108.6	95.8	84.5	75.9
-5°	1819.0	1265.0	775.6	421.1	226.2	151.2	124.6	107.5	94.7	83.5	75.2
-7.5°	1685.6	1138.1	689.5	379.6	212.5	147.1	122.0	105.6	93.3	82.8	74.8
-10°	1476.9	966.1	581.5	324.2	192.8	141.0	118.2	103.0	91.4	81.6	74.0
-12.5°	1220.9	783.7	462.2	249.9	166.5	133.3	113.7	99.9	89.2	80.0	73.0
-15°	935.0	603.3	358.8	214.1	150.9	125.7	108.8	96.5	86.7	78.1	71.8
-17.5°	684.4	430.9	246.6	169.9	137.7	118.8	104.4	93.3	84.3	76.4	71.0
-20°	450.4	279.1	193.1	146.6	125.1	110.6	99.0	89.9	81.7	75.4	70.7



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	277.3	201.0	150.7	128.5	115.6	104.1	94.3	86.2	78.8	74.4	70.2
-25°	190.0	149.9	130.4	117.6	107.1	97.4	89.5	82.3	77.0	73.5	69.4
-27.5°	144.4	127.6	116.9	107.4	99.3	91.8	84.9	78.5	74.7	71.5	68.3
-30°	123.4	114.6	106.3	99.4	92.3	85.9	80.0	75.7	72.2	69.2	66.3
-32.5°	110.4	103.7	97.4	91.4	85.6	80.5	76.1	72.4	69.5	66.9	64.4
-35°	98.6	94.0	89.1	84.4	80.0	75.9	72.2	69.4	67.0	64.7	62.5
-37.5°	89.6	86.0	82.2	78.4	74.9	71.5	69.0	66.8	64.6	62.8	61.0
-40°	81.8	78.7	76.2	73.3	70.6	68.0	66.2	64.4	62.8	61.2	59.5
-42.5°	75.9	73.9	71.6	69.4	67.2	65.4	63.8	62.5	61.0	59.6	57.9
-45°	71.7	69.8	67.8	66.1	64.5	63.2	61.9	60.6	59.3	57.8	56.2
-47.5°	67.8	66.2	64.6	63.4	62.3	61.2	60.0	58.8	57.5	56.0	54.2
-50°	64.0	63.0	62.1	61.2	60.4	59.3	58.1	56.9	55.5	53.9	52.0
-52.5°	61.0	60.5	59.9	59.3	58.3	57.2	56.1	54.7	53.2	51.4	49.5
-55°	58.9	58.3	57.7	56.9	55.9	54.7	53.5	52.1	50.4	48.7	46.6
-57.5°	56.7	55.9	55.0	54.1	53.1	51.9	50.5	49.1	47.3	45.4	43.4
-60°	53.6	52.8	51.9	50.9	49.8	48.6	47.1	45.5	43.8	42.0	40.1
-62.5°	49.9	49.1	48.2	47.0	45.9	44.6	43.2	41.6	40.0	38.4	36.5
-65°	45.4	44.5	43.6	42.6	41.4	40.2	38.9	37.5	36.0	34.5	32.7
-67.5°	40.5	39.7	38.8	37.8	36.8	35.6	34.4	33.2	31.9	30.5	28.9
-70°	35.4	34.7	33.8	33.0	32.0	30.9	29.9	28.8	27.7	26.4	24.8
-72.5°	30.0	29.3	28.6	27.8	27.1	26.2	25.3	24.2	23.0	21.8	20.5
-75°	24.5	24.0	23.4	22.8	22.1	21.3	20.4	19.5	18.6	17.6	16.6
-77.5°	19.1	18.7	18.2	17.6	17.1	16.5	15.9	15.1	14.4	13.6	12.9
-80°	13.9	13.5	13.0	12.6	12.2	11.8	11.3	10.8	10.2	9.7	9.2
-82.5°	9.1	8.8	8.5	8.3	8.0	7.8	7.5	7.1	6.7	6.3	5.8
-85°	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.1	3.9	3.7	3.4
-87.5°	1.9	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
-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: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	5.4	5.2	4.9	4.6	4.3	4.0	3.6	3.2	2.7	2.3	2.0
80°	8.6	8.1	7.5	6.9	6.3	5.8	5.3	4.8	4.1	3.5	2.9
77.5°	12.0	11.2	10.3	9.4	8.7	7.9	7.2	6.4	5.5	4.7	3.9
75°	15.6	14.5	13.4	12.3	11.1	10.0	9.0	8.1	7.0	5.9	4.9
72.5°	19.4	18.1	16.7	15.3	13.9	12.5	11.1	9.8	8.6	7.3	6.0
70°	23.3	21.7	20.2	18.5	16.8	15.1	13.5	11.8	10.1	8.7	7.3
67.5°	27.2	25.3	23.6	21.7	19.7	17.8	15.8	13.9	12.1	10.1	8.5
65°	30.9	28.9	26.8	24.7	22.6	20.4	18.2	16.0	13.9	11.8	9.7
62.5°	34.5	32.4	30.1	27.7	25.4	23.0	20.6	18.2	15.8	13.5	11.1
60°	38.0	35.8	33.4	30.7	28.1	25.5	22.9	20.3	17.7	15.1	12.5
57.5°	41.3	39.0	36.4	33.7	30.8	28.0	25.2	22.4	19.6	16.7	13.9
55°	44.4	42.0	39.3	36.4	33.4	30.4	27.4	24.4	21.4	18.3	15.3
52.5°	47.3	44.8	42.0	39.0	35.9	32.7	29.6	26.4	23.2	19.9	16.6
50°	49.9	47.4	44.5	41.5	38.3	35.0	31.8	28.4	24.9	21.4	18.0
47.5°	52.2	49.7	46.9	43.8	40.5	37.2	33.8	30.3	26.6	22.9	19.3
45°	54.2	51.9	49.1	46.0	42.8	39.3	35.8	32.2	28.3	24.4	20.6
42.5°	56.0	53.8	51.1	48.1	44.8	41.4	37.6	33.9	29.9	25.8	21.8
40°	57.6	55.5	53.0	50.0	46.8	43.3	39.4	35.5	31.5	27.1	23.0
37.5°	59.1	57.0	54.5	51.9	48.7	45.1	41.1	36.9	33.0	28.5	24.1
35°	60.5	58.3	56.2	53.6	50.4	46.8	42.8	38.4	34.2	29.7	25.1
32.5°	61.8	59.6	57.4	55.0	52.1	48.4	44.3	39.8	35.4	30.9	26.1
30°	63.4	60.7	58.6	56.4	53.6	49.9	45.7	41.1	36.5	32.0	27.1
27.5°	64.6	61.7	59.6	57.4	54.8	51.3	46.9	42.2	37.5	32.9	27.9
25°	65.7	62.6	60.4	58.3	55.8	52.4	48.0	43.2	38.4	33.8	28.8
22.5°	66.4	63.4	61.0	59.1	56.8	53.4	48.9	44.1	39.3	34.5	29.5
20°	66.9	63.9	61.4	59.7	57.6	54.2	49.7	44.9	40.0	35.2	30.1
17.5°	67.0	64.3	62.0	60.2	58.2	54.9	50.5	45.6	40.6	35.8	30.7
15°	67.6	64.7	62.4	60.6	58.7	55.6	51.1	46.2	41.2	36.3	31.2
12.5°	68.3	65.0	62.7	60.9	59.2	56.3	51.6	46.7	41.6	36.8	31.6
10°	68.9	65.2	62.8	61.1	59.5	57.0	51.9	47.1	42.1	37.1	32.0
7.5°	69.4	65.3	62.8	61.3	59.8	57.5	52.3	47.4	42.4	37.4	32.3
5°	69.7	65.3	62.8	61.4	60.0	57.8	52.6	47.6	42.7	37.6	32.4
2.5°	70.0	65.3	62.7	61.5	60.2	58.0	52.7	47.6	43.0	37.8	32.6
0°	70.1	65.2	62.6	61.5	60.3	58.1	52.8	47.6	43.1	37.8	32.6
-2.5°	70.0	65.3	62.7	61.5	60.2	58.0	52.7	47.6	43.0	37.8	32.6
-5°	69.7	65.3	62.8	61.4	60.0	57.8	52.6	47.6	42.7	37.6	32.4
-7.5°	69.4	65.3	62.8	61.3	59.8	57.5	52.3	47.4	42.4	37.4	32.3
-10°	68.9	65.2	62.8	61.1	59.5	57.0	51.9	47.1	42.1	37.1	32.0
-12.5°	68.3	65.0	62.7	60.9	59.2	56.3	51.6	46.7	41.6	36.8	31.6
-15°	67.6	64.7	62.4	60.6	58.7	55.6	51.1	46.2	41.2	36.3	31.2
-17.5°	67.0	64.3	62.0	60.2	58.2	54.9	50.5	45.6	40.6	35.8	30.7
-20°	66.9	63.9	61.4	59.7	57.6	54.2	49.7	44.9	40.0	35.2	30.1



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	66.4	63.4	61.0	59.1	56.8	53.4	48.9	44.1	39.3	34.5	29.5
-25°	65.7	62.6	60.4	58.3	55.8	52.4	48.0	43.2	38.4	33.8	28.8
-27.5°	64.6	61.7	59.6	57.4	54.8	51.3	46.9	42.2	37.5	32.9	27.9
-30°	63.4	60.7	58.6	56.4	53.6	49.9	45.7	41.1	36.5	32.0	27.1
-32.5°	61.8	59.6	57.4	55.0	52.1	48.4	44.3	39.8	35.4	30.9	26.1
-35°	60.5	58.3	56.2	53.6	50.4	46.8	42.8	38.4	34.2	29.7	25.1
-37.5°	59.1	57.0	54.5	51.9	48.7	45.1	41.1	36.9	33.0	28.5	24.1
-40°	57.6	55.5	53.0	50.0	46.8	43.3	39.4	35.5	31.5	27.1	23.0
-42.5°	56.0	53.8	51.1	48.1	44.8	41.4	37.6	33.9	29.9	25.8	21.8
-45°	54.2	51.9	49.1	46.0	42.8	39.3	35.8	32.2	28.3	24.4	20.6
-47.5°	52.2	49.7	46.9	43.8	40.5	37.2	33.8	30.3	26.6	22.9	19.3
-50°	49.9	47.4	44.5	41.5	38.3	35.0	31.8	28.4	24.9	21.4	18.0
-52.5°	47.3	44.8	42.0	39.0	35.9	32.7	29.6	26.4	23.2	19.9	16.6
-55°	44.4	42.0	39.3	36.4	33.4	30.4	27.4	24.4	21.4	18.3	15.3
-57.5°	41.3	39.0	36.4	33.7	30.8	28.0	25.2	22.4	19.6	16.7	13.9
-60°	38.0	35.8	33.4	30.7	28.1	25.5	22.9	20.3	17.7	15.1	12.5
-62.5°	34.5	32.4	30.1	27.7	25.4	23.0	20.6	18.2	15.8	13.5	11.1
-65°	30.9	28.9	26.8	24.7	22.6	20.4	18.2	16.0	13.9	11.8	9.7
-67.5°	27.2	25.3	23.6	21.7	19.7	17.8	15.8	13.9	12.1	10.1	8.5
-70°	23.3	21.7	20.2	18.5	16.8	15.1	13.5	11.8	10.1	8.7	7.3
-72.5°	19.4	18.1	16.7	15.3	13.9	12.5	11.1	9.8	8.6	7.3	6.0
-75°	15.6	14.5	13.4	12.3	11.1	10.0	9.0	8.1	7.0	5.9	4.9
-77.5°	12.0	11.2	10.3	9.4	8.7	7.9	7.2	6.4	5.5	4.7	3.9
-80°	8.6	8.1	7.5	6.9	6.3	5.8	5.3	4.8	4.1	3.5	2.9
-82.5°	5.4	5.2	4.9	4.6	4.3	4.0	3.6	3.2	2.7	2.3	2.0
-85°	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.9	1.7	1.5	1.3
-87.5°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-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: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	3.2	2.5	1.9	1.4	1.0	0.5	0.0
75°	4.0	3.2	2.3	1.7	1.1	0.6	0.0
72.5°	4.9	3.9	2.9	2.0	1.3	0.7	0.0
70°	5.8	4.7	3.5	2.3	1.5	0.8	0.0
67.5°	6.9	5.4	4.1	2.7	1.7	0.8	0.0
65°	7.9	6.2	4.7	3.2	1.9	0.9	0.0
62.5°	9.0	7.0	5.3	3.6	2.0	1.0	0.0
60°	10.0	7.9	5.8	4.1	2.2	1.1	0.0
57.5°	11.1	8.7	6.5	4.5	2.5	1.2	0.0
55°	12.3	9.5	7.1	4.9	2.8	1.3	0.0
52.5°	13.4	10.3	7.7	5.3	3.0	1.3	0.0
50°	14.5	11.2	8.3	5.7	3.3	1.4	0.0
47.5°	15.6	12.0	8.8	6.1	3.5	1.5	0.0
45°	16.7	12.9	9.4	6.5	3.8	1.6	0.0
42.5°	17.7	13.7	9.9	6.9	4.0	1.6	0.0
40°	18.7	14.4	10.4	7.2	4.2	1.7	0.0
37.5°	19.7	15.2	11.0	7.5	4.4	1.7	0.0
35°	20.6	15.9	11.5	7.9	4.6	1.8	0.0
32.5°	21.5	16.6	12.1	8.2	4.8	1.9	0.0
30°	22.3	17.3	12.5	8.4	5.0	1.9	0.0
27.5°	23.0	18.0	13.0	8.7	5.1	2.0	0.0
25°	23.7	18.5	13.4	8.9	5.3	2.0	0.0
22.5°	24.4	19.1	13.8	9.2	5.4	2.0	0.0
20°	24.9	19.6	14.2	9.4	5.5	2.1	0.0
17.5°	25.4	20.0	14.5	9.5	5.6	2.1	0.0
15°	25.8	20.4	14.8	9.7	5.7	2.1	0.0
12.5°	26.2	20.7	15.0	9.8	5.8	2.1	0.0
10°	26.5	20.9	15.3	9.9	5.9	2.2	0.0
7.5°	26.7	21.1	15.4	10.0	5.9	2.2	0.0
5°	26.9	21.3	15.6	10.1	6.0	2.2	0.0
2.5°	27.0	21.4	15.7	10.1	6.0	2.2	0.0
0°	27.0	21.4	15.7	10.1	6.0	2.2	0.0
-2.5°	27.0	21.4	15.7	10.1	6.0	2.2	0.0
-5°	26.9	21.3	15.6	10.1	6.0	2.2	0.0
-7.5°	26.7	21.1	15.4	10.0	5.9	2.2	0.0
-10°	26.5	20.9	15.3	9.9	5.9	2.2	0.0
-12.5°	26.2	20.7	15.0	9.8	5.8	2.1	0.0
-15°	25.8	20.4	14.8	9.7	5.7	2.1	0.0
-17.5°	25.4	20.0	14.5	9.5	5.6	2.1	0.0
-20°	24.9	19.6	14.2	9.4	5.5	2.1	0.0



REPORT NUMBER: P558527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.4	19.1	13.8	9.2	5.4	2.0	0.0
-25°	23.7	18.5	13.4	8.9	5.3	2.0	0.0
-27.5°	23.0	18.0	13.0	8.7	5.1	2.0	0.0
-30°	22.3	17.3	12.5	8.4	5.0	1.9	0.0
-32.5°	21.5	16.6	12.1	8.2	4.8	1.9	0.0
-35°	20.6	15.9	11.5	7.9	4.6	1.8	0.0
-37.5°	19.7	15.2	11.0	7.5	4.4	1.7	0.0
-40°	18.7	14.4	10.4	7.2	4.2	1.7	0.0
-42.5°	17.7	13.7	9.9	6.9	4.0	1.6	0.0
-45°	16.7	12.9	9.4	6.5	3.8	1.6	0.0
-47.5°	15.6	12.0	8.8	6.1	3.5	1.5	0.0
-50°	14.5	11.2	8.3	5.7	3.3	1.4	0.0
-52.5°	13.4	10.3	7.7	5.3	3.0	1.3	0.0
-55°	12.3	9.5	7.1	4.9	2.8	1.3	0.0
-57.5°	11.1	8.7	6.5	4.5	2.5	1.2	0.0
-60°	10.0	7.9	5.8	4.1	2.2	1.1	0.0
-62.5°	9.0	7.0	5.3	3.6	2.0	1.0	0.0
-65°	7.9	6.2	4.7	3.2	1.9	0.9	0.0
-67.5°	6.9	5.4	4.1	2.7	1.7	0.8	0.0
-70°	5.8	4.7	3.5	2.3	1.5	0.8	0.0
-72.5°	4.9	3.9	2.9	2.0	1.3	0.7	0.0
-75°	4.0	3.2	2.3	1.7	1.1	0.6	0.0
-77.5°	3.2	2.5	1.9	1.4	1.0	0.5	0.0
-80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)