

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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558585 (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-SA1D-940-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

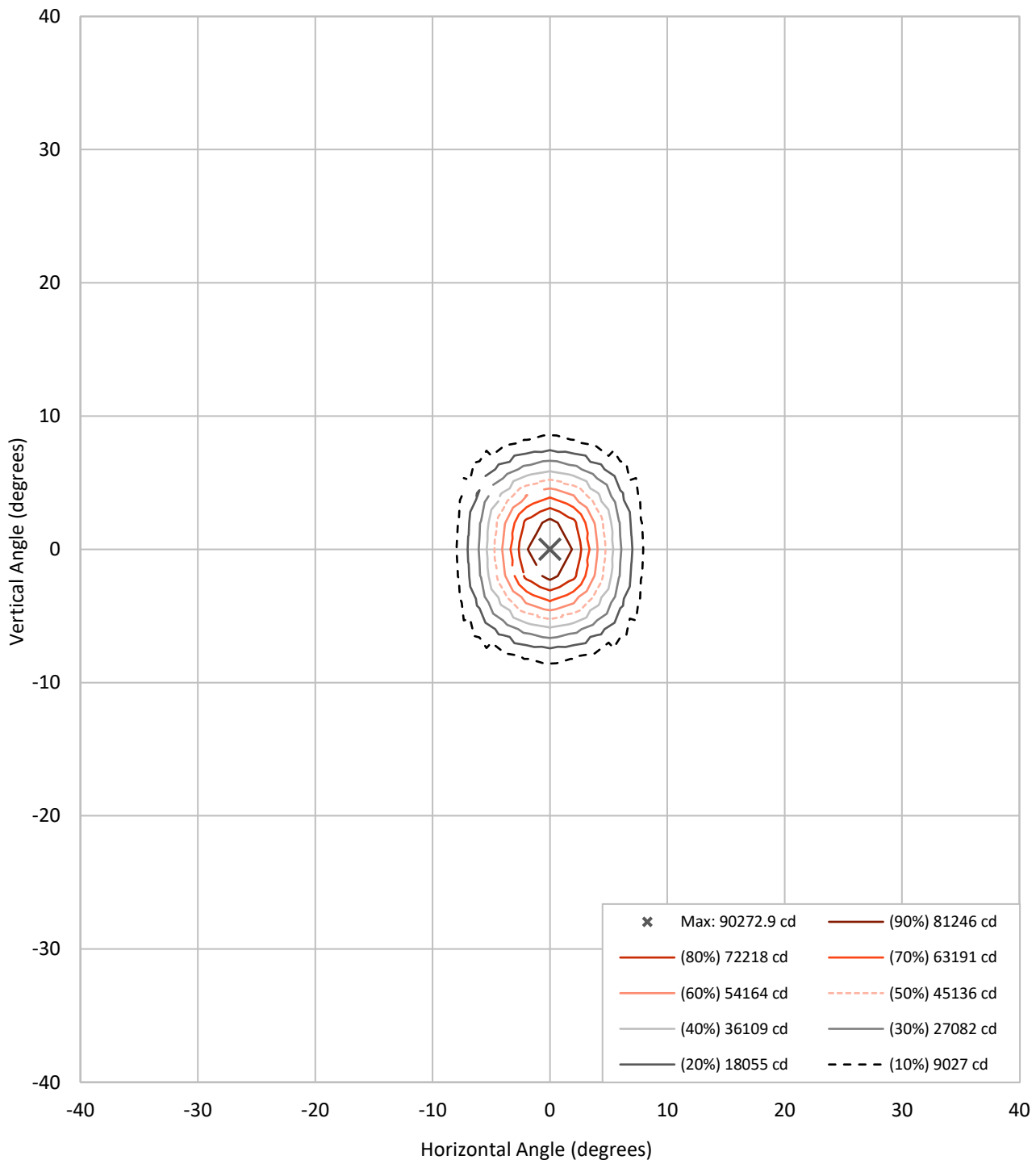
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3515.4 lumens	Max Intensity:	90272.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1506.8 lumens	Field Lumens:	2596.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 55
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-SA1D-940-U-TSB-XX

Iso-Candela Plot





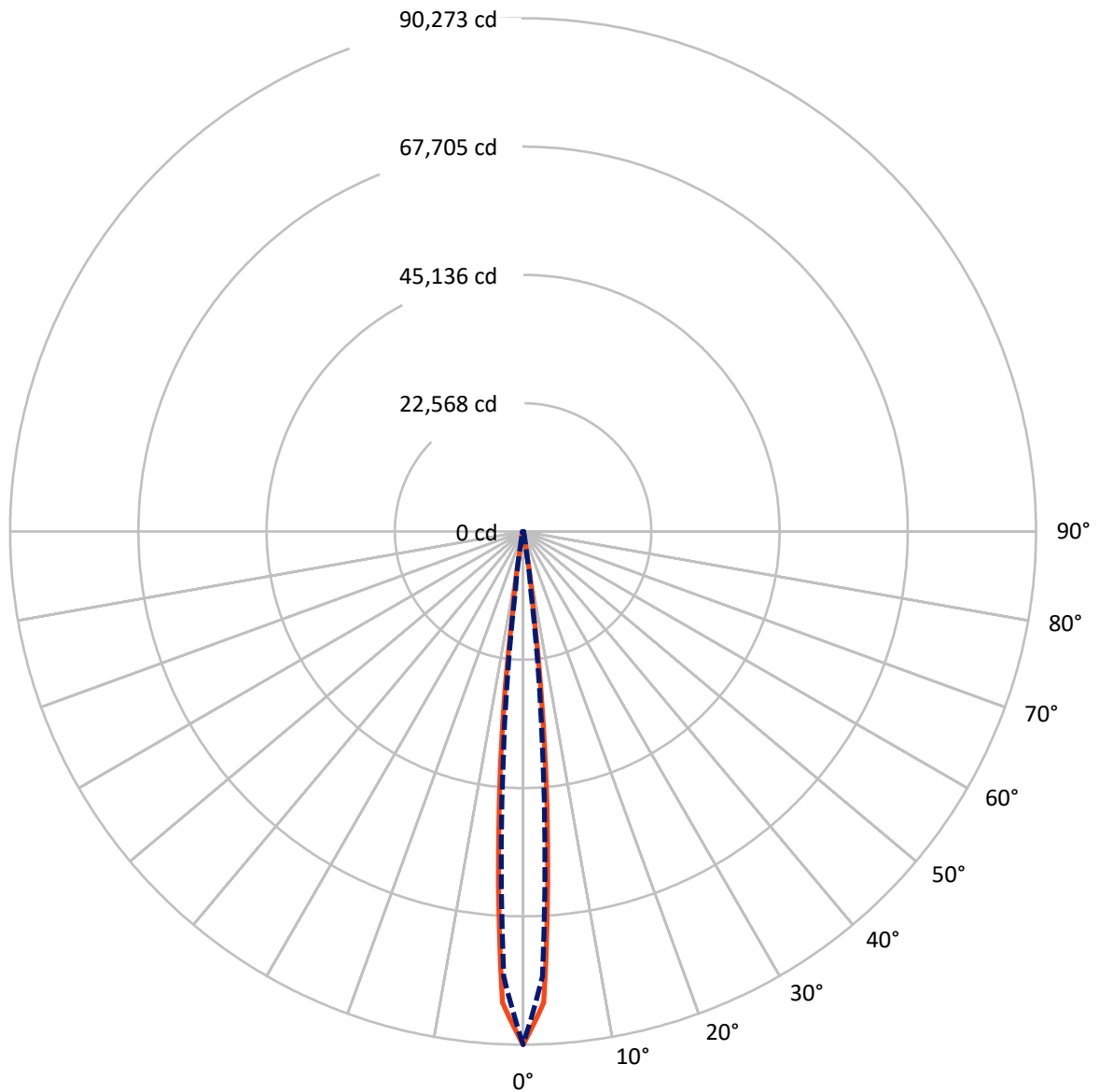
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Lumen Table

90	0.0	0.1	0.4	0.8	1.5	0.8	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.8	1.5	0.8	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.6	0.8	1.2	2.2	2.2	1.2	0.8	0.6	0.4	0.2	0.1	0.1			
60		0.1	0.3	0.7	1.1	1.6	2.1	2.8	2.8	2.1	1.6	1.1	0.7	0.3	0.1				
50	0.2	0.2	0.5	1.1	2.0	3.0	3.8	4.6	4.6	3.8	3.0	2.0	1.1	0.5	0.2	0.2			
40		0.4	0.8	1.7	3.1	4.2	4.7	5.0	5.0	4.7	4.2	3.1	1.7	0.8	0.4				
30	0.4	0.6	1.1	2.4	3.8	4.5	6.2	8.1	8.1	6.2	4.5	3.8	2.4	1.1	0.6	0.4			
20		0.8	1.5	3.1	4.2	6.0	12.1	24.1	24.1	12.1	6.0	4.2	3.1	1.5	0.8				
10	0.4	0.9	1.8	3.4	4.4	7.6	23.9	706.3	706.3	23.9	7.6	4.4	3.4	1.8	0.9	0.4			
0		0.9	1.8	3.4	4.4	7.6	23.9	706.3	706.3	23.9	7.6	4.4	3.4	1.8	0.9				
-10	0.4	0.8	1.5	3.1	4.2	6.0	12.1	24.1	24.1	12.1	6.0	4.2	3.1	1.5	0.8	0.4			
-20		0.6	1.1	2.4	3.8	4.5	6.2	8.1	8.1	6.2	4.5	3.8	2.4	1.1	0.6				
-30	0.2	0.4	0.8	1.7	3.1	4.2	4.7	5.0	5.0	4.7	4.2	3.1	1.7	0.8	0.4	0.2			
-40		0.2	0.5	1.1	2.0	3.0	3.8	4.6	4.6	3.8	3.0	2.0	1.1	0.5	0.2				
-50	0.1	0.1	0.3	0.7	1.1	1.6	2.1	2.8	2.8	2.1	1.6	1.1	0.7	0.3	0.1	0.1			
-60		0.1	0.2	0.4	0.6	0.8	1.2	2.2	2.2	1.2	0.8	0.6	0.4	0.2	0.1				
-70	0.0	0.1	0.4	0.8	1.5	0.8	0.4	0.1	0.0							0.0			
-80		0.1	0.4	0.8	1.5	0.8	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.8	1.5	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-SA1D-940-U-TSB-XX

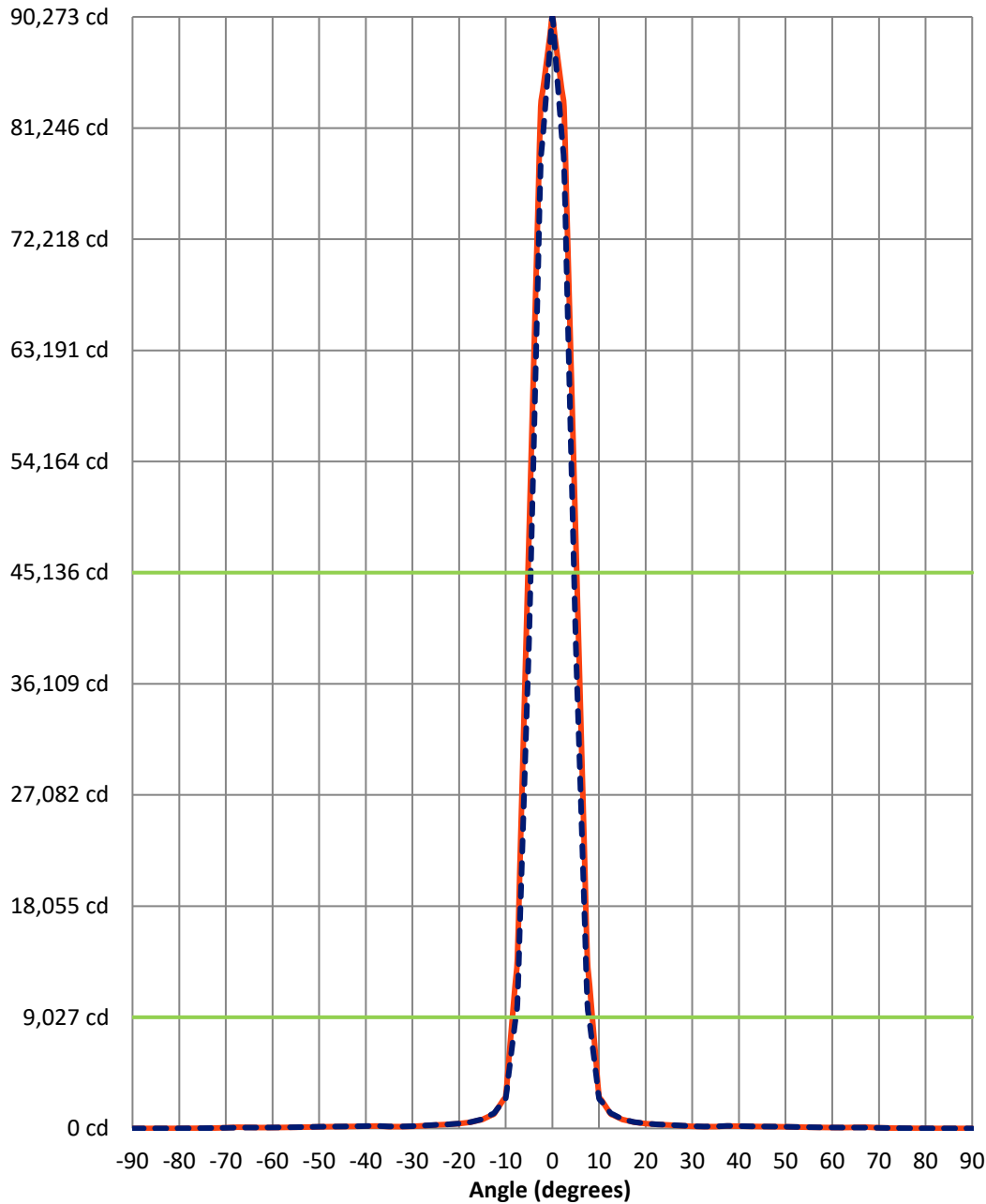
Luminous Intensity Polar Plot



— 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: 1506.8
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 2596.9
 Efficiency: 73.9%

Spill:
 Lumens: 918.5
 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	1.6
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.1
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.1	1.6	2.0	2.3	2.8
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.5	2.0	2.4	3.1	3.7
65°	0.0	0.4	0.8	1.0	1.0	1.2	1.9	2.4	3.2	3.9	4.7
62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.3	3.0	4.0	4.8	6.0
60°	0.0	0.5	1.0	1.0	1.0	1.9	2.7	3.7	4.7	6.1	7.4
57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.3	4.4	5.8	7.4	8.9
55°	0.0	0.6	1.0	1.0	1.6	2.6	4.0	5.2	7.0	8.8	10.6
52.5°	0.0	0.6	1.0	1.0	1.8	3.0	4.7	6.3	8.2	10.4	12.3
50°	0.0	0.6	1.0	1.0	2.1	3.6	5.4	7.5	9.5	12.0	14.4
47.5°	0.0	0.7	1.0	1.0	2.4	4.2	6.2	8.8	11.0	13.7	16.6
45°	0.0	0.7	1.1	1.2	2.6	4.9	7.4	10.2	12.8	15.7	18.8
42.5°	0.0	0.7	1.1	1.4	2.9	5.5	8.6	11.7	14.6	17.8	21.5
40°	0.0	0.8	1.1	1.6	3.3	6.2	9.7	13.3	16.6	20.0	24.3
37.5°	0.0	0.8	1.1	1.8	3.8	6.8	10.9	15.0	18.9	22.7	27.2
35°	0.0	0.8	1.1	2.0	4.3	7.7	12.1	16.7	21.3	25.9	30.0
32.5°	0.0	0.8	1.2	2.1	4.7	8.6	13.4	18.5	23.6	29.2	33.5
30°	0.0	0.9	1.2	2.2	5.2	9.5	14.8	20.3	26.0	32.6	37.4
27.5°	0.0	0.9	1.2	2.3	5.5	10.4	16.2	22.2	28.5	36.1	41.8
25°	0.0	0.9	1.2	2.4	5.7	11.3	17.6	24.2	31.4	39.7	46.5
22.5°	0.0	0.9	1.3	2.5	5.9	12.0	18.9	26.0	34.3	43.6	50.6
20°	0.0	0.9	1.3	2.6	6.1	12.3	20.2	27.9	37.1	47.6	54.5
17.5°	0.0	1.0	1.3	2.6	6.1	12.4	20.9	29.7	39.9	51.7	58.4
15°	0.0	1.0	1.3	2.6	6.2	12.5	21.1	30.9	42.7	55.9	62.2
12.5°	0.0	1.0	1.4	2.7	6.2	12.5	21.3	31.6	44.4	60.1	65.9
10°	0.0	1.0	1.4	2.7	6.1	12.4	21.3	32.2	45.3	61.7	68.5
7.5°	0.0	1.0	1.4	2.7	6.0	12.2	21.3	32.7	46.0	62.6	69.0
5°	0.0	1.0	1.5	2.7	5.9	12.0	21.1	33.1	46.5	63.3	69.3
2.5°	0.0	1.0	1.5	2.6	5.8	11.7	20.9	33.3	46.7	63.6	69.6
0°	0.0	1.0	1.5	2.6	5.6	11.3	20.5	33.4	46.7	63.7	69.8
-2.5°	0.0	1.0	1.5	2.6	5.8	11.7	20.9	33.3	46.7	63.6	69.6
-5°	0.0	1.0	1.5	2.7	5.9	12.0	21.1	33.1	46.5	63.3	69.3
-7.5°	0.0	1.0	1.4	2.7	6.0	12.2	21.3	32.7	46.0	62.6	69.0
-10°	0.0	1.0	1.4	2.7	6.1	12.4	21.3	32.2	45.3	61.7	68.5
-12.5°	0.0	1.0	1.4	2.7	6.2	12.5	21.3	31.6	44.4	60.1	65.9
-15°	0.0	1.0	1.3	2.6	6.2	12.5	21.1	30.9	42.7	55.9	62.2
-17.5°	0.0	1.0	1.3	2.6	6.1	12.4	20.9	29.7	39.9	51.7	58.4
-20°	0.0	0.9	1.3	2.6	6.1	12.3	20.2	27.9	37.1	47.6	54.5



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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	2.5	5.9	12.0	18.9	26.0	34.3	43.6	50.6
-25°	0.0	0.9	1.2	2.4	5.7	11.3	17.6	24.2	31.4	39.7	46.5
-27.5°	0.0	0.9	1.2	2.3	5.5	10.4	16.2	22.2	28.5	36.1	41.8
-30°	0.0	0.9	1.2	2.2	5.2	9.5	14.8	20.3	26.0	32.6	37.4
-32.5°	0.0	0.8	1.2	2.1	4.7	8.6	13.4	18.5	23.6	29.2	33.5
-35°	0.0	0.8	1.1	2.0	4.3	7.7	12.1	16.7	21.3	25.9	30.0
-37.5°	0.0	0.8	1.1	1.8	3.8	6.8	10.9	15.0	18.9	22.7	27.2
-40°	0.0	0.8	1.1	1.6	3.3	6.2	9.7	13.3	16.6	20.0	24.3
-42.5°	0.0	0.7	1.1	1.4	2.9	5.5	8.6	11.7	14.6	17.8	21.5
-45°	0.0	0.7	1.1	1.2	2.6	4.9	7.4	10.2	12.8	15.7	18.8
-47.5°	0.0	0.7	1.0	1.0	2.4	4.2	6.2	8.8	11.0	13.7	16.6
-50°	0.0	0.6	1.0	1.0	2.1	3.6	5.4	7.5	9.5	12.0	14.4
-52.5°	0.0	0.6	1.0	1.0	1.8	3.0	4.7	6.3	8.2	10.4	12.3
-55°	0.0	0.6	1.0	1.0	1.6	2.6	4.0	5.2	7.0	8.8	10.6
-57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.3	4.4	5.8	7.4	8.9
-60°	0.0	0.5	1.0	1.0	1.0	1.9	2.7	3.7	4.7	6.1	7.4
-62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.3	3.0	4.0	4.8	6.0
-65°	0.0	0.4	0.8	1.0	1.0	1.2	1.9	2.4	3.2	3.9	4.7
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.5	2.0	2.4	3.1	3.7
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.1	1.6	2.0	2.3	2.8
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.1
-75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.6
-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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 CATALOG NUMBER: GFLD-SA1D-940-U-TSB-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°	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	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.2	2.5
77.5°	1.3	1.5	1.7	1.9	2.2	2.6	2.9	3.2	3.5	3.9	4.3
75°	1.8	2.1	2.6	3.1	3.6	4.0	4.4	4.9	5.6	6.4	7.1
72.5°	2.5	3.1	3.8	4.5	5.3	6.1	6.8	7.4	8.5	9.8	10.7
70°	3.4	4.1	5.2	6.4	7.5	8.4	9.8	11.5	13.2	14.1	14.6
67.5°	4.4	5.6	6.9	8.3	9.8	11.4	13.4	15.2	16.9	17.6	18.2
65°	5.7	7.1	8.7	10.4	12.1	14.1	16.0	18.1	19.9	20.8	21.8
62.5°	7.0	8.7	10.5	12.4	14.4	16.4	18.9	20.9	22.5	24.3	26.5
60°	8.6	10.3	12.3	14.5	16.7	19.6	22.1	24.3	26.4	28.5	31.7
57.5°	10.3	11.9	14.2	16.7	19.8	23.1	25.9	28.3	31.2	34.2	37.5
55°	12.1	13.6	16.2	19.3	22.9	26.8	30.0	33.4	36.7	39.4	42.3
52.5°	14.2	15.6	18.3	21.9	26.0	30.5	34.7	38.2	41.3	44.2	47.5
50°	16.5	18.1	20.3	24.7	29.3	34.3	39.1	42.6	46.1	49.5	53.3
47.5°	19.0	20.9	22.7	27.4	32.6	37.7	42.8	47.2	51.1	55.7	60.0
45°	21.8	24.0	26.0	30.3	35.7	40.9	46.5	51.9	57.3	62.7	69.6
42.5°	24.8	27.1	29.7	33.1	38.4	44.2	50.2	57.3	64.2	71.8	80.7
40°	27.6	30.3	33.4	36.3	41.1	47.5	54.8	62.8	72.6	82.5	93.2
37.5°	30.4	33.5	36.8	39.9	44.1	51.3	59.3	69.6	81.4	93.8	107.5
35°	33.2	36.6	39.9	43.6	48.3	55.3	65.2	76.9	91.0	106.7	119.2
32.5°	35.8	39.5	42.9	47.3	53.2	60.3	70.9	85.6	101.8	117.8	126.1
30°	39.2	42.1	45.8	50.9	57.9	67.1	78.5	94.3	112.8	123.7	131.5
27.5°	43.7	44.8	49.0	54.9	62.8	73.7	87.9	104.3	119.6	129.2	136.1
25°	48.2	49.2	51.9	58.9	68.6	81.5	97.5	116.2	125.3	133.3	141.4
22.5°	52.4	53.5	56.9	62.6	74.3	89.4	108.0	124.4	133.1	138.2	146.9
20°	56.4	58.1	62.3	68.9	80.1	97.0	118.3	132.1	140.3	146.4	154.5
17.5°	60.2	62.6	67.7	75.8	88.2	105.4	127.6	139.7	147.7	153.6	163.6
15°	63.9	67.1	72.9	82.2	95.9	114.4	133.8	145.9	154.5	160.4	172.0
12.5°	67.5	71.3	77.9	88.2	102.7	122.3	139.1	149.9	158.5	167.4	179.4
10°	71.0	75.5	82.7	93.8	108.8	129.1	143.5	153.1	161.7	173.1	185.6
7.5°	71.5	77.6	86.6	98.9	114.3	134.9	147.1	155.6	165.0	178.3	191.3
5°	71.6	77.4	86.9	100.2	116.9	138.3	149.6	157.5	168.1	182.9	196.3
2.5°	71.5	77.0	87.0	100.7	117.5	138.6	150.0	158.0	169.9	187.4	200.9
0°	71.4	76.5	86.8	100.7	117.6	138.1	150.0	158.2	171.0	191.6	204.9
-2.5°	71.5	77.0	87.0	100.7	117.5	138.6	150.0	158.0	169.9	187.4	200.9
-5°	71.6	77.4	86.9	100.2	116.9	138.3	149.6	157.5	168.1	182.9	196.3
-7.5°	71.5	77.6	86.6	98.9	114.3	134.9	147.1	155.6	165.0	178.3	191.3
-10°	71.0	75.5	82.7	93.8	108.8	129.1	143.5	153.1	161.7	173.1	185.6
-12.5°	67.5	71.3	77.9	88.2	102.7	122.3	139.1	149.9	158.5	167.4	179.4
-15°	63.9	67.1	72.9	82.2	95.9	114.4	133.8	145.9	154.5	160.4	172.0
-17.5°	60.2	62.6	67.7	75.8	88.2	105.4	127.6	139.7	147.7	153.6	163.6
-20°	56.4	58.1	62.3	68.9	80.1	97.0	118.3	132.1	140.3	146.4	154.5



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	52.4	53.5	56.9	62.6	74.3	89.4	108.0	124.4	133.1	138.2	146.9
-25°	48.2	49.2	51.9	58.9	68.6	81.5	97.5	116.2	125.3	133.3	141.4
-27.5°	43.7	44.8	49.0	54.9	62.8	73.7	87.9	104.3	119.6	129.2	136.1
-30°	39.2	42.1	45.8	50.9	57.9	67.1	78.5	94.3	112.8	123.7	131.5
-32.5°	35.8	39.5	42.9	47.3	53.2	60.3	70.9	85.6	101.8	117.8	126.1
-35°	33.2	36.6	39.9	43.6	48.3	55.3	65.2	76.9	91.0	106.7	119.2
-37.5°	30.4	33.5	36.8	39.9	44.1	51.3	59.3	69.6	81.4	93.8	107.5
-40°	27.6	30.3	33.4	36.3	41.1	47.5	54.8	62.8	72.6	82.5	93.2
-42.5°	24.8	27.1	29.7	33.1	38.4	44.2	50.2	57.3	64.2	71.8	80.7
-45°	21.8	24.0	26.0	30.3	35.7	40.9	46.5	51.9	57.3	62.7	69.6
-47.5°	19.0	20.9	22.7	27.4	32.6	37.7	42.8	47.2	51.1	55.7	60.0
-50°	16.5	18.1	20.3	24.7	29.3	34.3	39.1	42.6	46.1	49.5	53.3
-52.5°	14.2	15.6	18.3	21.9	26.0	30.5	34.7	38.2	41.3	44.2	47.5
-55°	12.1	13.6	16.2	19.3	22.9	26.8	30.0	33.4	36.7	39.4	42.3
-57.5°	10.3	11.9	14.2	16.7	19.8	23.1	25.9	28.3	31.2	34.2	37.5
-60°	8.6	10.3	12.3	14.5	16.7	19.6	22.1	24.3	26.4	28.5	31.7
-62.5°	7.0	8.7	10.5	12.4	14.4	16.4	18.9	20.9	22.5	24.3	26.5
-65°	5.7	7.1	8.7	10.4	12.1	14.1	16.0	18.1	19.9	20.8	21.8
-67.5°	4.4	5.6	6.9	8.3	9.8	11.4	13.4	15.2	16.9	17.6	18.2
-70°	3.4	4.1	5.2	6.4	7.5	8.4	9.8	11.5	13.2	14.1	14.6
-72.5°	2.5	3.1	3.8	4.5	5.3	6.1	6.8	7.4	8.5	9.8	10.7
-75°	1.8	2.1	2.6	3.1	3.6	4.0	4.4	4.9	5.6	6.4	7.1
-77.5°	1.3	1.5	1.7	1.9	2.2	2.6	2.9	3.2	3.5	3.9	4.3
-80°	1.0	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.0	2.2	2.5
-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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0
80°	2.8	3.0	3.1	3.3	3.4	3.7	4.1	4.6	5.1	5.3	5.4
77.5°	4.9	5.2	5.5	5.6	5.8	6.6	7.6	8.7	9.8	10.4	10.8
75°	7.8	8.2	8.5	8.7	8.8	10.1	11.9	13.8	15.8	16.8	17.6
72.5°	11.3	11.6	11.9	12.1	12.3	14.1	17.4	21.0	24.8	27.1	28.8
70°	15.0	15.4	15.7	16.0	16.2	18.4	23.2	28.2	33.3	38.5	44.0
67.5°	19.0	19.8	20.3	20.5	20.8	22.7	27.8	32.4	36.8	46.1	60.8
65°	23.3	25.3	26.1	26.6	26.8	27.6	32.0	35.9	39.4	46.7	57.9
62.5°	28.8	31.5	32.7	33.2	33.5	33.6	37.1	40.4	43.4	47.9	55.1
60°	34.8	37.6	39.1	39.5	39.7	39.8	42.7	45.9	48.9	52.6	59.3
57.5°	40.3	42.9	45.1	45.9	46.6	47.1	49.6	53.4	57.0	60.7	67.8
55°	45.4	48.6	51.7	53.4	54.9	56.3	58.8	63.6	68.2	72.6	80.0
52.5°	51.1	55.2	59.3	62.3	65.3	67.9	70.6	76.8	83.0	88.7	96.0
50°	57.9	62.9	68.9	73.9	78.1	82.3	86.1	93.5	101.8	109.7	117.3
47.5°	66.5	73.2	80.7	87.8	93.6	100.1	106.0	113.6	121.0	128.3	134.6
45°	77.0	86.3	95.0	104.4	112.6	117.0	120.4	125.2	132.7	139.9	145.8
42.5°	90.5	101.3	112.0	119.0	124.3	127.8	130.3	132.8	140.7	147.6	153.3
40°	105.5	116.3	122.9	128.7	132.4	135.5	139.3	143.2	149.4	156.5	162.8
37.5°	118.4	125.4	131.2	135.7	140.2	144.3	149.9	155.5	161.4	169.4	175.3
35°	126.5	132.6	138.4	144.1	149.8	156.2	163.2	171.4	178.7	187.1	195.3
32.5°	132.6	138.8	145.9	154.7	162.6	171.3	180.1	165.9	151.4	145.7	146.8
30°	137.9	145.1	155.0	166.4	177.3	173.4	154.0	147.2	149.2	153.2	160.9
27.5°	143.6	152.7	164.6	178.6	170.0	148.5	149.7	153.6	166.9	178.2	195.3
25°	150.3	161.3	176.1	169.6	149.9	151.9	161.9	176.9	202.2	225.9	246.6
22.5°	158.4	172.3	174.3	150.0	152.6	165.6	185.8	218.3	249.1	277.7	299.0
20°	166.6	182.7	158.0	152.9	164.3	187.5	225.0	262.4	296.7	322.3	343.6
17.5°	176.5	170.8	153.4	158.9	182.0	222.1	264.3	303.9	336.3	380.5	418.1
15°	185.2	159.4	156.2	174.2	209.0	254.2	300.1	335.6	394.2	457.4	521.5
12.5°	180.2	155.4	161.2	188.0	233.7	282.5	323.1	379.4	456.8	549.2	688.1
10°	172.9	157.7	171.9	207.0	254.9	302.4	344.5	418.3	520.5	690.2	908.9
7.5°	167.2	158.6	179.0	221.6	270.6	314.4	370.6	460.0	602.4	835.3	1300.9
5°	162.9	158.6	182.3	230.0	279.9	322.7	386.6	490.3	682.7	1014.5	1810.2
2.5°	161.0	157.8	183.2	234.5	284.4	327.3	396.6	512.1	733.4	1181.0	2380.3
0°	162.3	156.1	182.8	236.2	287.1	326.6	398.0	518.7	748.7	1242.5	2456.8
-2.5°	161.0	157.8	183.2	234.5	284.4	327.3	396.6	512.1	733.4	1181.0	2380.3
-5°	162.9	158.6	182.3	230.0	279.9	322.7	386.6	490.3	682.7	1014.5	1810.2
-7.5°	167.2	158.6	179.0	221.6	270.6	314.4	370.6	460.0	602.4	835.3	1300.9
-10°	172.9	157.7	171.9	207.0	254.9	302.4	344.5	418.3	520.5	690.2	908.9
-12.5°	180.2	155.4	161.2	188.0	233.7	282.5	323.1	379.4	456.8	549.2	688.1
-15°	185.2	159.4	156.2	174.2	209.0	254.2	300.1	335.6	394.2	457.4	521.5
-17.5°	176.5	170.8	153.4	158.9	182.0	222.1	264.3	303.9	336.3	380.5	418.1
-20°	166.6	182.7	158.0	152.9	164.3	187.5	225.0	262.4	296.7	322.3	343.6



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	158.4	172.3	174.3	150.0	152.6	165.6	185.8	218.3	249.1	277.7	299.0
-25°	150.3	161.3	176.1	169.6	149.9	151.9	161.9	176.9	202.2	225.9	246.6
-27.5°	143.6	152.7	164.6	178.6	170.0	148.5	149.7	153.6	166.9	178.2	195.3
-30°	137.9	145.1	155.0	166.4	177.3	173.4	154.0	147.2	149.2	153.2	160.9
-32.5°	132.6	138.8	145.9	154.7	162.6	171.3	180.1	165.9	151.4	145.7	146.8
-35°	126.5	132.6	138.4	144.1	149.8	156.2	163.2	171.4	178.7	172.1	162.6
-37.5°	118.4	125.4	131.2	135.7	140.2	144.3	149.9	155.5	161.4	169.4	175.3
-40°	105.5	116.3	122.9	128.7	132.4	135.5	139.3	143.2	149.4	156.5	162.8
-42.5°	90.5	101.3	112.0	119.0	124.3	127.8	130.3	132.8	140.7	147.6	153.3
-45°	77.0	86.3	95.0	104.4	112.6	117.0	120.4	125.2	132.7	139.9	145.8
-47.5°	66.5	73.2	80.7	87.8	93.6	100.1	106.0	113.6	121.0	128.3	134.6
-50°	57.9	62.9	68.9	73.9	78.1	82.3	86.1	93.5	101.8	109.7	117.3
-52.5°	51.1	55.2	59.3	62.3	65.3	67.9	70.6	76.8	83.0	88.7	96.0
-55°	45.4	48.6	51.7	53.4	54.9	56.3	58.8	63.6	68.2	72.6	80.0
-57.5°	40.3	42.9	45.1	45.9	46.6	47.1	49.6	53.4	57.0	60.7	67.8
-60°	34.8	37.6	39.1	39.5	39.7	39.8	42.7	45.9	48.9	52.6	59.3
-62.5°	28.8	31.5	32.7	33.2	33.5	33.6	37.1	40.4	43.4	47.9	55.1
-65°	23.3	25.3	26.1	26.6	26.8	27.6	32.0	35.9	39.4	46.7	57.9
-67.5°	19.0	19.8	20.3	20.5	20.8	22.7	27.8	32.4	36.8	46.1	60.8
-70°	15.0	15.4	15.7	16.0	16.2	18.4	23.2	28.2	33.3	38.5	44.0
-72.5°	11.3	11.6	11.9	12.1	12.3	14.1	17.4	21.0	24.8	27.1	28.8
-75°	7.8	8.2	8.5	8.7	8.8	10.1	11.9	13.8	15.8	16.8	17.6
-77.5°	4.9	5.2	5.5	5.6	5.8	6.6	7.6	8.7	9.8	10.4	10.8
-80°	2.8	3.0	3.1	3.3	3.4	3.7	4.1	4.6	5.1	5.3	5.4
-82.5°	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
80°	5.5	5.5	5.3	5.1	5.3	5.5	5.5	5.4	5.3	5.1	4.6
77.5°	11.3	11.7	11.3	10.8	11.3	11.7	11.3	10.8	10.4	9.8	8.7
75°	18.2	18.8	18.5	18.0	18.5	18.8	18.2	17.6	16.8	15.8	13.8
72.5°	30.4	31.9	31.5	30.8	31.5	31.9	30.4	28.8	27.1	24.8	21.0
70°	49.8	55.6	55.4	53.9	55.4	55.6	49.8	44.0	38.5	33.3	28.2
67.5°	76.8	93.3	98.6	101.2	98.6	93.3	76.8	60.8	46.1	36.8	32.4
65°	68.3	78.3	82.3	85.2	82.3	78.3	68.3	57.9	46.7	39.4	35.9
62.5°	61.5	67.4	68.7	68.8	68.7	67.4	61.5	55.1	47.9	43.4	40.4
60°	65.8	72.1	73.1	71.9	73.1	72.1	65.8	59.3	52.6	48.9	45.9
57.5°	74.7	81.3	82.5	81.1	82.5	81.3	74.7	67.8	60.7	57.0	53.4
55°	87.1	93.7	95.9	95.5	95.9	93.7	87.1	80.0	72.6	68.2	63.6
52.5°	102.9	109.0	111.5	111.4	111.5	109.0	102.9	96.0	88.7	83.0	76.8
50°	123.9	129.4	132.1	132.5	132.1	129.4	123.9	117.3	109.7	101.8	93.5
47.5°	139.1	142.7	144.6	144.8	144.6	142.7	139.1	134.6	128.3	121.0	113.6
45°	148.4	150.3	151.8	153.0	151.8	150.3	148.4	145.8	139.9	132.7	125.2
42.5°	157.1	161.2	164.1	164.8	164.1	161.2	157.1	153.3	147.6	140.7	132.8
40°	168.8	174.4	179.8	185.4	179.8	174.4	168.8	162.8	156.5	149.4	143.2
37.5°	181.4	187.6	192.8	195.7	192.8	187.6	181.4	175.3	169.4	161.4	155.5
35°	155.9	151.8	149.4	148.4	149.4	151.8	155.9	162.6	172.1	178.7	171.4
32.5°	147.5	147.8	147.3	146.4	147.3	147.8	147.5	146.8	145.7	151.4	165.9
30°	166.5	169.3	169.6	169.5	169.6	169.3	166.5	160.9	153.2	149.2	147.2
27.5°	208.0	214.9	217.1	221.3	217.1	214.9	208.0	195.3	178.2	166.9	153.6
25°	262.5	273.0	278.0	279.9	278.0	273.0	262.5	246.6	225.9	202.2	176.9
22.5°	311.0	319.0	323.7	327.6	323.7	319.0	311.0	299.0	277.7	249.1	218.3
20°	368.5	383.1	389.8	390.3	389.8	383.1	368.5	343.6	322.3	296.7	262.4
17.5°	458.2	486.6	500.8	504.8	500.8	486.6	458.2	418.1	380.5	336.3	303.9
15°	599.8	672.3	709.6	727.2	709.6	672.3	599.8	521.5	457.4	394.2	335.6
12.5°	830.7	994.2	1126.3	1176.0	1126.3	994.2	830.7	688.1	549.2	456.8	379.4
10°	1288.2	1776.2	2346.4	2612.4	2346.4	1776.2	1288.2	908.9	690.2	520.5	418.3
7.5°	2492.2	5786.4	11215.0	13804.6	11215.0	5786.4	2492.2	1300.9	835.3	602.4	460.0
5°	5312.2	22925.7	41057.0	48224.9	41057.0	22925.7	5312.2	1810.2	1014.5	682.7	490.3
2.5°	8461.2	37601.0	70947.2	82958.0	70947.2	37601.0	8461.2	2380.3	1181.0	733.4	512.1
0°	10109.3	39624.6	78288.6	90272.9	78288.6	39624.6	10109.3	2456.8	1242.5	748.7	518.7
-2.5°	8461.2	37601.0	70947.2	82958.0	70947.2	37601.0	8461.2	2380.3	1181.0	733.4	512.1
-5°	5312.2	22925.7	41057.0	48224.9	41057.0	22925.7	5312.2	1810.2	1014.5	682.7	490.3
-7.5°	2492.2	5786.4	11215.0	13804.6	11215.0	5786.4	2492.2	1300.9	835.3	602.4	460.0
-10°	1288.2	1776.2	2346.4	2612.4	2346.4	1776.2	1288.2	908.9	690.2	520.5	418.3
-12.5°	830.7	994.2	1126.3	1176.0	1126.3	994.2	830.7	688.1	549.2	456.8	379.4
-15°	599.8	672.3	709.6	727.2	709.6	672.3	599.8	521.5	457.4	394.2	335.6
-17.5°	458.2	486.6	500.8	504.8	500.8	486.6	458.2	418.1	380.5	336.3	303.9
-20°	368.5	383.1	389.8	390.3	389.8	383.1	368.5	343.6	322.3	296.7	262.4



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	311.0	319.0	323.7	327.6	323.7	319.0	311.0	299.0	277.7	249.1	218.3
-25°	262.5	273.0	278.0	279.9	278.0	273.0	262.5	246.6	225.9	202.2	176.9
-27.5°	208.0	214.9	217.1	221.3	217.1	214.9	208.0	195.3	178.2	166.9	153.6
-30°	166.5	169.3	169.6	169.5	169.6	169.3	166.5	160.9	153.2	149.2	147.2
-32.5°	147.5	147.8	147.3	146.4	147.3	147.8	147.5	146.8	145.7	151.4	165.9
-35°	155.9	151.8	149.4	148.4	149.4	151.8	155.9	162.6	172.1	178.7	171.4
-37.5°	181.4	187.6	192.8	195.7	192.8	187.6	181.4	175.3	169.4	161.4	155.5
-40°	168.8	174.4	179.8	185.4	179.8	174.4	168.8	162.8	156.5	149.4	143.2
-42.5°	157.1	161.2	164.1	164.8	164.1	161.2	157.1	153.3	147.6	140.7	132.8
-45°	148.4	150.3	151.8	153.0	151.8	150.3	148.4	145.8	139.9	132.7	125.2
-47.5°	139.1	142.7	144.6	144.8	144.6	142.7	139.1	134.6	128.3	121.0	113.6
-50°	123.9	129.4	132.1	132.5	132.1	129.4	123.9	117.3	109.7	101.8	93.5
-52.5°	102.9	109.0	111.5	111.4	111.5	109.0	102.9	96.0	88.7	83.0	76.8
-55°	87.1	93.7	95.9	95.5	95.9	93.7	87.1	80.0	72.6	68.2	63.6
-57.5°	74.7	81.3	82.5	81.1	82.5	81.3	74.7	67.8	60.7	57.0	53.4
-60°	65.8	72.1	73.1	71.9	73.1	72.1	65.8	59.3	52.6	48.9	45.9
-62.5°	61.5	67.4	68.7	68.8	68.7	67.4	61.5	55.1	47.9	43.4	40.4
-65°	68.3	78.3	82.3	85.2	82.3	78.3	68.3	57.9	46.7	39.4	35.9
-67.5°	76.8	93.3	98.6	101.2	98.6	93.3	76.8	60.8	46.1	36.8	32.4
-70°	49.8	55.6	55.4	53.9	55.4	55.6	49.8	44.0	38.5	33.3	28.2
-72.5°	30.4	31.9	31.5	30.8	31.5	31.9	30.4	28.8	27.1	24.8	21.0
-75°	18.2	18.8	18.5	18.0	18.5	18.8	18.2	17.6	16.8	15.8	13.8
-77.5°	11.3	11.7	11.3	10.8	11.3	11.7	11.3	10.8	10.4	9.8	8.7
-80°	5.5	5.5	5.3	5.1	5.3	5.5	5.5	5.4	5.3	5.1	4.6
-82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1
80°	4.1	3.7	3.4	3.3	3.1	3.0	2.8	2.5	2.2	2.0	1.9
77.5°	7.6	6.6	5.8	5.6	5.5	5.2	4.9	4.3	3.9	3.5	3.2
75°	11.9	10.1	8.8	8.7	8.5	8.2	7.8	7.1	6.4	5.6	4.9
72.5°	17.4	14.1	12.3	12.1	11.9	11.6	11.3	10.7	9.8	8.5	7.4
70°	23.2	18.4	16.2	16.0	15.7	15.4	15.0	14.6	14.1	13.2	11.5
67.5°	27.8	22.7	20.8	20.5	20.3	19.8	19.0	18.2	17.6	16.9	15.2
65°	32.0	27.6	26.8	26.6	26.1	25.3	23.3	21.8	20.8	19.9	18.1
62.5°	37.1	33.6	33.5	33.2	32.7	31.5	28.8	26.5	24.3	22.5	20.9
60°	42.7	39.8	39.7	39.5	39.1	37.6	34.8	31.7	28.5	26.4	24.3
57.5°	49.6	47.1	46.6	45.9	45.1	42.9	40.3	37.5	34.2	31.2	28.3
55°	58.8	56.3	54.9	53.4	51.7	48.6	45.4	42.3	39.4	36.7	33.4
52.5°	70.6	67.9	65.3	62.3	59.3	55.2	51.1	47.5	44.2	41.3	38.2
50°	86.1	82.3	78.1	73.9	68.9	62.9	57.9	53.3	49.5	46.1	42.6
47.5°	106.0	100.1	93.6	87.8	80.7	73.2	66.5	60.0	55.7	51.1	47.2
45°	120.4	117.0	112.6	104.4	95.0	86.3	77.0	69.6	62.7	57.3	51.9
42.5°	130.3	127.8	124.3	119.0	112.0	101.3	90.5	80.7	71.8	64.2	57.3
40°	139.3	135.5	132.4	128.7	122.9	116.3	105.5	93.2	82.5	72.6	62.8
37.5°	149.9	144.3	140.2	135.7	131.2	125.4	118.4	107.5	93.8	81.4	69.6
35°	163.2	156.2	149.8	144.1	138.4	132.6	126.5	119.2	106.7	91.0	76.9
32.5°	180.1	171.3	162.6	154.7	145.9	138.8	132.6	126.1	117.8	101.8	85.6
30°	154.0	173.4	177.3	166.4	155.0	145.1	137.9	131.5	123.7	112.8	94.3
27.5°	149.7	148.5	170.0	178.6	164.6	152.7	143.6	136.1	129.2	119.6	104.3
25°	161.9	151.9	149.9	169.6	176.1	161.3	150.3	141.4	133.3	125.3	116.2
22.5°	185.8	165.6	152.6	150.0	174.3	172.3	158.4	146.9	138.2	133.1	124.4
20°	225.0	187.5	164.3	152.9	158.0	182.7	166.6	154.5	146.4	140.3	132.1
17.5°	264.3	222.1	182.0	158.9	153.4	170.8	176.5	163.6	153.6	147.7	139.7
15°	300.1	254.2	209.0	174.2	156.2	159.4	185.2	172.0	160.4	154.5	145.9
12.5°	323.1	282.5	233.7	188.0	161.2	155.4	180.2	179.4	167.4	158.5	149.9
10°	344.5	302.4	254.9	207.0	171.9	157.7	172.9	185.6	173.1	161.7	153.1
7.5°	370.6	314.4	270.6	221.6	179.0	158.6	167.2	191.3	178.3	165.0	155.6
5°	386.6	322.7	279.9	230.0	182.3	158.6	162.9	196.3	182.9	168.1	157.5
2.5°	396.6	327.3	284.4	234.5	183.2	157.8	161.0	200.9	187.4	169.9	158.0
0°	398.0	326.6	287.1	236.2	182.8	156.1	162.3	204.9	191.6	171.0	158.2
-2.5°	396.6	327.3	284.4	234.5	183.2	157.8	161.0	200.9	187.4	169.9	158.0
-5°	386.6	322.7	279.9	230.0	182.3	158.6	162.9	196.3	182.9	168.1	157.5
-7.5°	370.6	314.4	270.6	221.6	179.0	158.6	167.2	191.3	178.3	165.0	155.6
-10°	344.5	302.4	254.9	207.0	171.9	157.7	172.9	185.6	173.1	161.7	153.1
-12.5°	323.1	282.5	233.7	188.0	161.2	155.4	180.2	179.4	167.4	158.5	149.9
-15°	300.1	254.2	209.0	174.2	156.2	159.4	185.2	172.0	160.4	154.5	145.9
-17.5°	264.3	222.1	182.0	158.9	153.4	170.8	176.5	163.6	153.6	147.7	139.7
-20°	225.0	187.5	164.3	152.9	158.0	182.7	166.6	154.5	146.4	140.3	132.1



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	185.8	165.6	152.6	150.0	174.3	172.3	158.4	146.9	138.2	133.1	124.4
-25°	161.9	151.9	149.9	169.6	176.1	161.3	150.3	141.4	133.3	125.3	116.2
-27.5°	149.7	148.5	170.0	178.6	164.6	152.7	143.6	136.1	129.2	119.6	104.3
-30°	154.0	173.4	177.3	166.4	155.0	145.1	137.9	131.5	123.7	112.8	94.3
-32.5°	180.1	171.3	162.6	154.7	145.9	138.8	132.6	126.1	117.8	101.8	85.6
-35°	163.2	156.2	149.8	144.1	138.4	132.6	126.5	119.2	106.7	91.0	76.9
-37.5°	149.9	144.3	140.2	135.7	131.2	125.4	118.4	107.5	93.8	81.4	69.6
-40°	139.3	135.5	132.4	128.7	122.9	116.3	105.5	93.2	82.5	72.6	62.8
-42.5°	130.3	127.8	124.3	119.0	112.0	101.3	90.5	80.7	71.8	64.2	57.3
-45°	120.4	117.0	112.6	104.4	95.0	86.3	77.0	69.6	62.7	57.3	51.9
-47.5°	106.0	100.1	93.6	87.8	80.7	73.2	66.5	60.0	55.7	51.1	47.2
-50°	86.1	82.3	78.1	73.9	68.9	62.9	57.9	53.3	49.5	46.1	42.6
-52.5°	70.6	67.9	65.3	62.3	59.3	55.2	51.1	47.5	44.2	41.3	38.2
-55°	58.8	56.3	54.9	53.4	51.7	48.6	45.4	42.3	39.4	36.7	33.4
-57.5°	49.6	47.1	46.6	45.9	45.1	42.9	40.3	37.5	34.2	31.2	28.3
-60°	42.7	39.8	39.7	39.5	39.1	37.6	34.8	31.7	28.5	26.4	24.3
-62.5°	37.1	33.6	33.5	33.2	32.7	31.5	28.8	26.5	24.3	22.5	20.9
-65°	32.0	27.6	26.8	26.6	26.1	25.3	23.3	21.8	20.8	19.9	18.1
-67.5°	27.8	22.7	20.8	20.5	20.3	19.8	19.0	18.2	17.6	16.9	15.2
-70°	23.2	18.4	16.2	16.0	15.7	15.4	15.0	14.6	14.1	13.2	11.5
-72.5°	17.4	14.1	12.3	12.1	11.9	11.6	11.3	10.7	9.8	8.5	7.4
-75°	11.9	10.1	8.8	8.7	8.5	8.2	7.8	7.1	6.4	5.6	4.9
-77.5°	7.6	6.6	5.8	5.6	5.5	5.2	4.9	4.3	3.9	3.5	3.2
-80°	4.1	3.7	3.4	3.3	3.1	3.0	2.8	2.5	2.2	2.0	1.9
-82.5°	1.9	1.8	1.8	1.7	1.7	1.6	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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	1.8	1.6	1.5	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.9	2.6	2.2	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
75°	4.4	4.0	3.6	3.1	2.6	2.1	1.8	1.6	1.3	1.0	1.0
72.5°	6.8	6.1	5.3	4.5	3.8	3.1	2.5	2.1	1.8	1.5	1.1
70°	9.8	8.4	7.5	6.4	5.2	4.1	3.4	2.8	2.3	2.0	1.6
67.5°	13.4	11.4	9.8	8.3	6.9	5.6	4.4	3.7	3.1	2.4	2.0
65°	16.0	14.1	12.1	10.4	8.7	7.1	5.7	4.7	3.9	3.2	2.4
62.5°	18.9	16.4	14.4	12.4	10.5	8.7	7.0	6.0	4.8	4.0	3.0
60°	22.1	19.6	16.7	14.5	12.3	10.3	8.6	7.4	6.1	4.7	3.7
57.5°	25.9	23.1	19.8	16.7	14.2	11.9	10.3	8.9	7.4	5.8	4.4
55°	30.0	26.8	22.9	19.3	16.2	13.6	12.1	10.6	8.8	7.0	5.2
52.5°	34.7	30.5	26.0	21.9	18.3	15.6	14.2	12.3	10.4	8.2	6.3
50°	39.1	34.3	29.3	24.7	20.3	18.1	16.5	14.4	12.0	9.5	7.5
47.5°	42.8	37.7	32.6	27.4	22.7	20.9	19.0	16.6	13.7	11.0	8.8
45°	46.5	40.9	35.7	30.3	26.0	24.0	21.8	18.8	15.7	12.8	10.2
42.5°	50.2	44.2	38.4	33.1	29.7	27.1	24.8	21.5	17.8	14.6	11.7
40°	54.8	47.5	41.1	36.3	33.4	30.3	27.6	24.3	20.0	16.6	13.3
37.5°	59.3	51.3	44.1	39.9	36.8	33.5	30.4	27.2	22.7	18.9	15.0
35°	65.2	55.3	48.3	43.6	39.9	36.6	33.2	30.0	25.9	21.3	16.7
32.5°	70.9	60.3	53.2	47.3	42.9	39.5	35.8	33.5	29.2	23.6	18.5
30°	78.5	67.1	57.9	50.9	45.8	42.1	39.2	37.4	32.6	26.0	20.3
27.5°	87.9	73.7	62.8	54.9	49.0	44.8	43.7	41.8	36.1	28.5	22.2
25°	97.5	81.5	68.6	58.9	51.9	49.2	48.2	46.5	39.7	31.4	24.2
22.5°	108.0	89.4	74.3	62.6	56.9	53.5	52.4	50.6	43.6	34.3	26.0
20°	118.3	97.0	80.1	68.9	62.3	58.1	56.4	54.5	47.6	37.1	27.9
17.5°	127.6	105.4	88.2	75.8	67.7	62.6	60.2	58.4	51.7	39.9	29.7
15°	133.8	114.4	95.9	82.2	72.9	67.1	63.9	62.2	55.9	42.7	30.9
12.5°	139.1	122.3	102.7	88.2	77.9	71.3	67.5	65.9	60.1	44.4	31.6
10°	143.5	129.1	108.8	93.8	82.7	75.5	71.0	68.5	61.7	45.3	32.2
7.5°	147.1	134.9	114.3	98.9	86.6	77.6	71.5	69.0	62.6	46.0	32.7
5°	149.6	138.3	116.9	100.2	86.9	77.4	71.6	69.3	63.3	46.5	33.1
2.5°	150.0	138.6	117.5	100.7	87.0	77.0	71.5	69.6	63.6	46.7	33.3
0°	150.0	138.1	117.6	100.7	86.8	76.5	71.4	69.8	63.7	46.7	33.4
-2.5°	150.0	138.6	117.5	100.7	87.0	77.0	71.5	69.6	63.6	46.7	33.3
-5°	149.6	138.3	116.9	100.2	86.9	77.4	71.6	69.3	63.3	46.5	33.1
-7.5°	147.1	134.9	114.3	98.9	86.6	77.6	71.5	69.0	62.6	46.0	32.7
-10°	143.5	129.1	108.8	93.8	82.7	75.5	71.0	68.5	61.7	45.3	32.2
-12.5°	139.1	122.3	102.7	88.2	77.9	71.3	67.5	65.9	60.1	44.4	31.6
-15°	133.8	114.4	95.9	82.2	72.9	67.1	63.9	62.2	55.9	42.7	30.9
-17.5°	127.6	105.4	88.2	75.8	67.7	62.6	60.2	58.4	51.7	39.9	29.7
-20°	118.3	97.0	80.1	68.9	62.3	58.1	56.4	54.5	47.6	37.1	27.9



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	108.0	89.4	74.3	62.6	56.9	53.5	52.4	50.6	43.6	34.3	26.0
-25°	97.5	81.5	68.6	58.9	51.9	49.2	48.2	46.5	39.7	31.4	24.2
-27.5°	87.9	73.7	62.8	54.9	49.0	44.8	43.7	41.8	36.1	28.5	22.2
-30°	78.5	67.1	57.9	50.9	45.8	42.1	39.2	37.4	32.6	26.0	20.3
-32.5°	70.9	60.3	53.2	47.3	42.9	39.5	35.8	33.5	29.2	23.6	18.5
-35°	65.2	55.3	48.3	43.6	39.9	36.6	33.2	30.0	25.9	21.3	16.7
-37.5°	59.3	51.3	44.1	39.9	36.8	33.5	30.4	27.2	22.7	18.9	15.0
-40°	54.8	47.5	41.1	36.3	33.4	30.3	27.6	24.3	20.0	16.6	13.3
-42.5°	50.2	44.2	38.4	33.1	29.7	27.1	24.8	21.5	17.8	14.6	11.7
-45°	46.5	40.9	35.7	30.3	26.0	24.0	21.8	18.8	15.7	12.8	10.2
-47.5°	42.8	37.7	32.6	27.4	22.7	20.9	19.0	16.6	13.7	11.0	8.8
-50°	39.1	34.3	29.3	24.7	20.3	18.1	16.5	14.4	12.0	9.5	7.5
-52.5°	34.7	30.5	26.0	21.9	18.3	15.6	14.2	12.3	10.4	8.2	6.3
-55°	30.0	26.8	22.9	19.3	16.2	13.6	12.1	10.6	8.8	7.0	5.2
-57.5°	25.9	23.1	19.8	16.7	14.2	11.9	10.3	8.9	7.4	5.8	4.4
-60°	22.1	19.6	16.7	14.5	12.3	10.3	8.6	7.4	6.1	4.7	3.7
-62.5°	18.9	16.4	14.4	12.4	10.5	8.7	7.0	6.0	4.8	4.0	3.0
-65°	16.0	14.1	12.1	10.4	8.7	7.1	5.7	4.7	3.9	3.2	2.4
-67.5°	13.4	11.4	9.8	8.3	6.9	5.6	4.4	3.7	3.1	2.4	2.0
-70°	9.8	8.4	7.5	6.4	5.2	4.1	3.4	2.8	2.3	2.0	1.6
-72.5°	6.8	6.1	5.3	4.5	3.8	3.1	2.5	2.1	1.8	1.5	1.1
-75°	4.4	4.0	3.6	3.1	2.6	2.1	1.8	1.6	1.3	1.0	1.0
-77.5°	2.9	2.6	2.2	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
-80°	1.8	1.6	1.5	1.3	1.2	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: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	1.1	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.5	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.9	1.2	1.0	1.0	0.8	0.4	0.0
62.5°	2.3	1.5	1.0	1.0	0.9	0.5	0.0
60°	2.7	1.9	1.0	1.0	1.0	0.5	0.0
57.5°	3.3	2.2	1.3	1.0	1.0	0.5	0.0
55°	4.0	2.6	1.6	1.0	1.0	0.6	0.0
52.5°	4.7	3.0	1.8	1.0	1.0	0.6	0.0
50°	5.4	3.6	2.1	1.0	1.0	0.6	0.0
47.5°	6.2	4.2	2.4	1.0	1.0	0.7	0.0
45°	7.4	4.9	2.6	1.2	1.1	0.7	0.0
42.5°	8.6	5.5	2.9	1.4	1.1	0.7	0.0
40°	9.7	6.2	3.3	1.6	1.1	0.8	0.0
37.5°	10.9	6.8	3.8	1.8	1.1	0.8	0.0
35°	12.1	7.7	4.3	2.0	1.1	0.8	0.0
32.5°	13.4	8.6	4.7	2.1	1.2	0.8	0.0
30°	14.8	9.5	5.2	2.2	1.2	0.9	0.0
27.5°	16.2	10.4	5.5	2.3	1.2	0.9	0.0
25°	17.6	11.3	5.7	2.4	1.2	0.9	0.0
22.5°	18.9	12.0	5.9	2.5	1.3	0.9	0.0
20°	20.2	12.3	6.1	2.6	1.3	0.9	0.0
17.5°	20.9	12.4	6.1	2.6	1.3	1.0	0.0
15°	21.1	12.5	6.2	2.6	1.3	1.0	0.0
12.5°	21.3	12.5	6.2	2.7	1.4	1.0	0.0
10°	21.3	12.4	6.1	2.7	1.4	1.0	0.0
7.5°	21.3	12.2	6.0	2.7	1.4	1.0	0.0
5°	21.1	12.0	5.9	2.7	1.5	1.0	0.0
2.5°	20.9	11.7	5.8	2.6	1.5	1.0	0.0
0°	20.5	11.3	5.6	2.6	1.5	1.0	0.0
-2.5°	20.9	11.7	5.8	2.6	1.5	1.0	0.0
-5°	21.1	12.0	5.9	2.7	1.5	1.0	0.0
-7.5°	21.3	12.2	6.0	2.7	1.4	1.0	0.0
-10°	21.3	12.4	6.1	2.7	1.4	1.0	0.0
-12.5°	21.3	12.5	6.2	2.7	1.4	1.0	0.0
-15°	21.1	12.5	6.2	2.6	1.3	1.0	0.0
-17.5°	20.9	12.4	6.1	2.6	1.3	1.0	0.0
-20°	20.2	12.3	6.1	2.6	1.3	0.9	0.0



REPORT NUMBER: P558585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.9	12.0	5.9	2.5	1.3	0.9	0.0
-25°	17.6	11.3	5.7	2.4	1.2	0.9	0.0
-27.5°	16.2	10.4	5.5	2.3	1.2	0.9	0.0
-30°	14.8	9.5	5.2	2.2	1.2	0.9	0.0
-32.5°	13.4	8.6	4.7	2.1	1.2	0.8	0.0
-35°	12.1	7.7	4.3	2.0	1.1	0.8	0.0
-37.5°	10.9	6.8	3.8	1.8	1.1	0.8	0.0
-40°	9.7	6.2	3.3	1.6	1.1	0.8	0.0
-42.5°	8.6	5.5	2.9	1.4	1.1	0.7	0.0
-45°	7.4	4.9	2.6	1.2	1.1	0.7	0.0
-47.5°	6.2	4.2	2.4	1.0	1.0	0.7	0.0
-50°	5.4	3.6	2.1	1.0	1.0	0.6	0.0
-52.5°	4.7	3.0	1.8	1.0	1.0	0.6	0.0
-55°	4.0	2.6	1.6	1.0	1.0	0.6	0.0
-57.5°	3.3	2.2	1.3	1.0	1.0	0.5	0.0
-60°	2.7	1.9	1.0	1.0	1.0	0.5	0.0
-62.5°	2.3	1.5	1.0	1.0	0.9	0.5	0.0
-65°	1.9	1.2	1.0	1.0	0.8	0.4	0.0
-67.5°	1.5	1.0	1.0	1.0	0.8	0.4	0.0
-70°	1.1	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)