

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: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-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

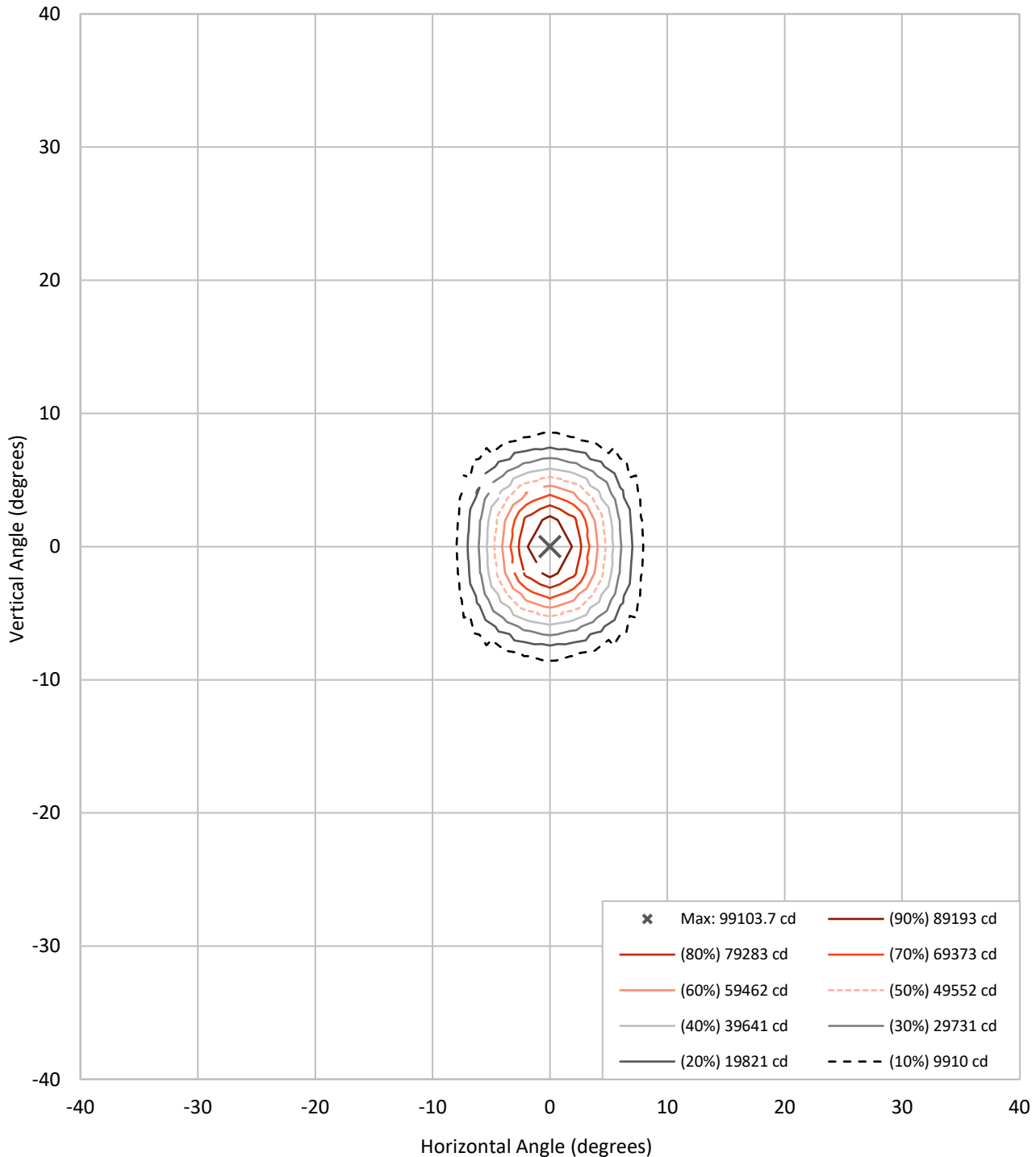
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3859.3 lumens	Max Intensity:	99103.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1654.2 lumens	Field Lumens:	2850.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 64
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

Iso-Candela Plot





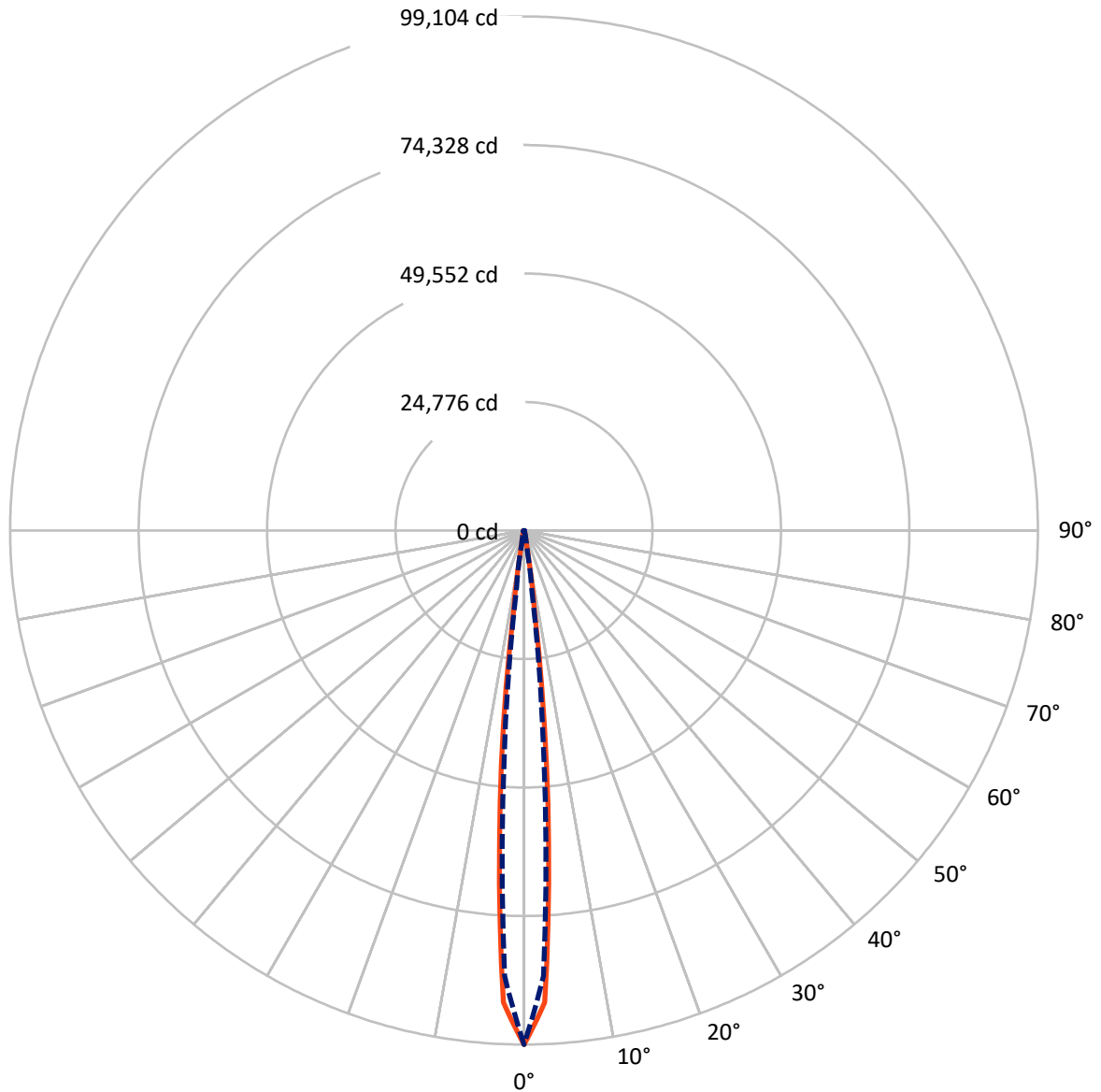
REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

Lumen Table

90	0.0	0.1	0.4	0.9	1.6	0.9	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.9	1.6	0.9	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.7	0.8	1.4	2.4	2.4	1.4	0.8	0.7	0.4	0.2	0.1	0.1			
60		0.2	0.4	0.8	1.3	1.7	2.3	3.1	3.1	2.3	1.7	1.3	0.8	0.4	0.2				
50	0.2	0.3	0.6	1.2	2.2	3.3	4.2	5.0	5.0	4.2	3.3	2.2	1.2	0.6	0.3	0.2			
40		0.4	0.9	1.9	3.4	4.6	5.2	5.5	5.5	5.2	4.6	3.4	1.9	0.9	0.4				
30	0.4	0.6	1.2	2.7	4.2	5.0	6.8	8.9	8.9	6.8	5.0	4.2	2.7	1.2	0.6	0.4			
20		0.8	1.6	3.4	4.6	6.5	13.3	26.5	26.5	13.3	6.5	4.6	3.4	1.6	0.8				
10	0.5	0.9	2.0	3.7	4.8	8.4	26.2	775.4	775.4	26.2	8.4	4.8	3.7	2.0	0.9	0.5			
0		0.9	2.0	3.7	4.8	8.4	26.2	775.4	775.4	26.2	8.4	4.8	3.7	2.0	0.9				
-10	0.4	0.8	1.6	3.4	4.6	6.5	13.3	26.5	26.5	13.3	6.5	4.6	3.4	1.6	0.8	0.4			
-20		0.6	1.2	2.7	4.2	5.0	6.8	8.9	8.9	6.8	5.0	4.2	2.7	1.2	0.6				
-30	0.2	0.4	0.9	1.9	3.4	4.6	5.2	5.5	5.5	5.2	4.6	3.4	1.9	0.9	0.4	0.2			
-40		0.3	0.6	1.2	2.2	3.3	4.2	5.0	5.0	4.2	3.3	2.2	1.2	0.6	0.3				
-50	0.1	0.2	0.4	0.8	1.3	1.7	2.3	3.1	3.1	2.3	1.7	1.3	0.8	0.4	0.2	0.1			
-60		0.1	0.2	0.4	0.7	0.8	1.4	2.4	2.4	1.4	0.8	0.7	0.4	0.2	0.1				
-70																			
-80	0.0	0.1	0.4	0.9	1.6	0.9	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.9	1.6	0.9	0.4	0.1	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

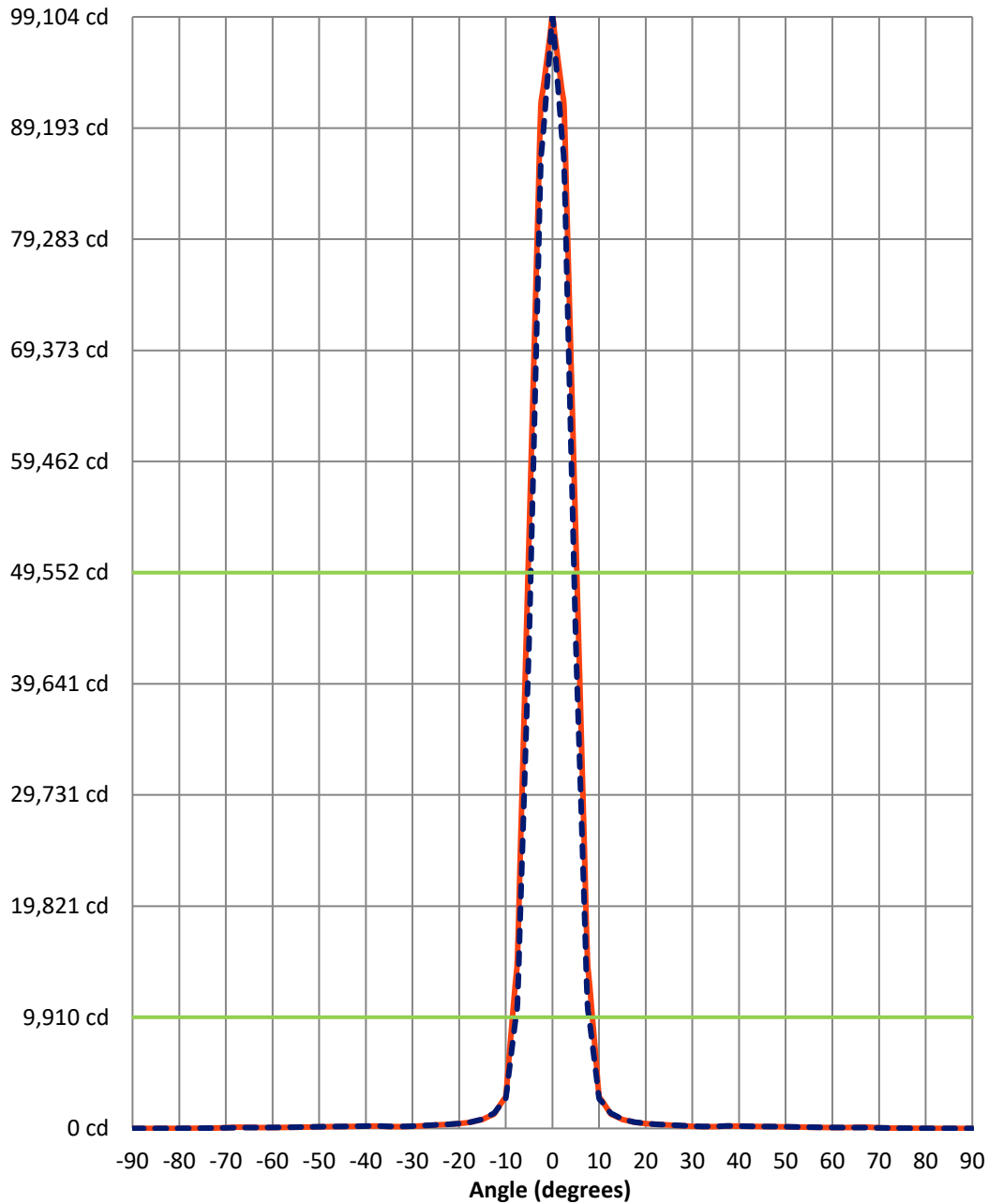
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 1654.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 2850.9
Efficiency: 73.9%

Spill:
Lumens: 1008.4
Efficiency: 26.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

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	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.5	1.7
72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	2.0	2.3
70°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.7	2.1	2.5	3.1
67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.6	2.2	2.6	3.4	4.0
65°	0.0	0.5	0.9	1.1	1.1	1.3	2.0	2.6	3.5	4.3	5.1
62.5°	0.0	0.5	1.0	1.1	1.1	1.7	2.4	3.3	4.3	5.3	6.6
60°	0.0	0.5	1.1	1.1	1.1	2.0	2.9	4.1	5.2	6.7	8.1
57.5°	0.0	0.6	1.1	1.1	1.4	2.4	3.6	4.8	6.4	8.1	9.8
55°	0.0	0.6	1.1	1.1	1.7	2.8	4.4	5.7	7.7	9.6	11.6
52.5°	0.0	0.7	1.1	1.1	2.0	3.2	5.2	6.9	9.0	11.4	13.5
50°	0.0	0.7	1.1	1.1	2.3	3.9	6.0	8.3	10.4	13.2	15.8
47.5°	0.0	0.7	1.2	1.2	2.6	4.6	6.9	9.7	12.1	15.0	18.1
45°	0.0	0.8	1.2	1.4	2.9	5.4	8.1	11.1	14.0	17.2	20.6
42.5°	0.0	0.8	1.2	1.6	3.2	6.1	9.4	12.8	16.0	19.5	23.5
40°	0.0	0.8	1.2	1.8	3.6	6.8	10.7	14.6	18.2	21.9	26.6
37.5°	0.0	0.9	1.2	2.0	4.1	7.5	12.0	16.5	20.8	24.9	29.8
35°	0.0	0.9	1.3	2.2	4.7	8.4	13.3	18.4	23.3	28.4	32.8
32.5°	0.0	0.9	1.3	2.3	5.2	9.5	14.7	20.3	25.9	32.0	36.7
30°	0.0	1.0	1.3	2.4	5.7	10.5	16.2	22.3	28.5	35.8	41.1
27.5°	0.0	1.0	1.3	2.6	6.1	11.5	17.7	24.4	31.3	39.6	45.9
25°	0.0	1.0	1.4	2.7	6.3	12.4	19.2	26.5	34.4	43.6	51.1
22.5°	0.0	1.0	1.4	2.7	6.5	13.2	20.7	28.5	37.6	47.9	55.5
20°	0.0	1.0	1.4	2.8	6.7	13.5	22.1	30.6	40.7	52.3	59.9
17.5°	0.0	1.0	1.5	2.8	6.8	13.6	22.9	32.5	43.8	56.8	64.1
15°	0.0	1.1	1.5	2.9	6.8	13.7	23.2	33.9	46.9	61.4	68.3
12.5°	0.0	1.1	1.5	2.9	6.8	13.7	23.4	34.6	48.8	66.0	72.3
10°	0.0	1.1	1.6	2.9	6.8	13.6	23.4	35.3	49.8	67.7	75.2
7.5°	0.0	1.1	1.6	2.9	6.7	13.4	23.4	35.8	50.6	68.8	75.7
5°	0.0	1.1	1.6	2.9	6.5	13.1	23.2	36.2	51.0	69.5	76.2
2.5°	0.0	1.1	1.7	2.8	6.4	12.8	23.0	36.5	51.3	69.9	76.5
0°	0.0	1.1	1.7	2.8	6.2	12.4	22.6	36.6	51.3	69.9	76.7
-2.5°	0.0	1.1	1.7	2.8	6.4	12.8	23.0	36.5	51.3	69.9	76.5
-5°	0.0	1.1	1.6	2.9	6.5	13.1	23.2	36.2	51.0	69.5	76.2
-7.5°	0.0	1.1	1.6	2.9	6.7	13.4	23.4	35.8	50.6	68.8	75.7
-10°	0.0	1.1	1.6	2.9	6.8	13.6	23.4	35.3	49.8	67.7	75.2
-12.5°	0.0	1.1	1.5	2.9	6.8	13.7	23.4	34.6	48.8	66.0	72.3
-15°	0.0	1.1	1.5	2.9	6.8	13.7	23.2	33.9	46.9	61.4	68.3
-17.5°	0.0	1.0	1.5	2.8	6.8	13.6	22.9	32.5	43.8	56.8	64.1
-20°	0.0	1.0	1.4	2.8	6.7	13.5	22.1	30.6	40.7	52.3	59.9



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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	1.0	1.4	2.7	6.5	13.2	20.7	28.5	37.6	47.9	55.5
-25°	0.0	1.0	1.4	2.7	6.3	12.4	19.2	26.5	34.4	43.6	51.1
-27.5°	0.0	1.0	1.3	2.6	6.1	11.5	17.7	24.4	31.3	39.6	45.9
-30°	0.0	1.0	1.3	2.4	5.7	10.5	16.2	22.3	28.5	35.8	41.1
-32.5°	0.0	0.9	1.3	2.3	5.2	9.5	14.7	20.3	25.9	32.0	36.7
-35°	0.0	0.9	1.3	2.2	4.7	8.4	13.3	18.4	23.3	28.4	32.8
-37.5°	0.0	0.9	1.2	2.0	4.1	7.5	12.0	16.5	20.8	24.9	29.8
-40°	0.0	0.8	1.2	1.8	3.6	6.8	10.7	14.6	18.2	21.9	26.6
-42.5°	0.0	0.8	1.2	1.6	3.2	6.1	9.4	12.8	16.0	19.5	23.5
-45°	0.0	0.8	1.2	1.4	2.9	5.4	8.1	11.1	14.0	17.2	20.6
-47.5°	0.0	0.7	1.2	1.2	2.6	4.6	6.9	9.7	12.1	15.0	18.1
-50°	0.0	0.7	1.1	1.1	2.3	3.9	6.0	8.3	10.4	13.2	15.8
-52.5°	0.0	0.7	1.1	1.1	2.0	3.2	5.2	6.9	9.0	11.4	13.5
-55°	0.0	0.6	1.1	1.1	1.7	2.8	4.4	5.7	7.7	9.6	11.6
-57.5°	0.0	0.6	1.1	1.1	1.4	2.4	3.6	4.8	6.4	8.1	9.8
-60°	0.0	0.5	1.1	1.1	1.1	2.0	2.9	4.1	5.2	6.7	8.1
-62.5°	0.0	0.5	1.0	1.1	1.1	1.7	2.4	3.3	4.3	5.3	6.6
-65°	0.0	0.5	0.9	1.1	1.1	1.3	2.0	2.6	3.5	4.3	5.1
-67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.6	2.2	2.6	3.4	4.0
-70°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.7	2.1	2.5	3.1
-72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	2.0	2.3
-75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.5	1.7
-77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	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: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9
82.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.4	1.5	1.6
80°	1.1	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.2	2.4	2.7
77.5°	1.5	1.7	1.9	2.1	2.4	2.8	3.2	3.5	3.9	4.3	4.8
75°	2.0	2.3	2.8	3.4	4.0	4.4	4.8	5.4	6.2	7.0	7.8
72.5°	2.7	3.4	4.2	4.9	5.9	6.7	7.5	8.2	9.4	10.7	11.7
70°	3.7	4.6	5.7	7.0	8.2	9.3	10.8	12.7	14.5	15.4	16.0
67.5°	4.8	6.2	7.6	9.1	10.8	12.5	14.7	16.7	18.6	19.3	20.0
65°	6.2	7.8	9.5	11.4	13.3	15.4	17.6	19.9	21.9	22.8	24.0
62.5°	7.7	9.5	11.5	13.6	15.8	18.1	20.7	23.0	24.6	26.7	29.1
60°	9.4	11.2	13.5	15.9	18.3	21.5	24.2	26.7	29.0	31.3	34.9
57.5°	11.3	13.0	15.6	18.3	21.7	25.4	28.4	31.1	34.2	37.5	41.1
55°	13.3	14.9	17.7	21.2	25.1	29.4	32.9	36.6	40.2	43.2	46.4
52.5°	15.6	17.0	20.1	24.0	28.5	33.4	38.1	41.9	45.3	48.6	52.2
50°	18.0	19.8	22.3	27.0	32.1	37.6	42.9	46.8	50.6	54.4	58.5
47.5°	20.8	22.9	25.0	30.1	35.8	41.4	46.9	51.8	56.1	61.2	65.9
45°	23.9	26.3	28.5	33.3	39.2	44.9	51.0	56.9	62.9	68.9	76.4
42.5°	27.1	29.8	32.6	36.3	42.1	48.5	55.0	62.9	70.5	78.8	88.6
40°	30.3	33.2	36.6	39.9	45.1	52.1	60.1	69.0	79.7	90.5	102.3
37.5°	33.4	36.8	40.4	43.8	48.4	56.3	65.2	76.4	89.3	102.9	118.0
35°	36.4	40.2	43.8	47.9	53.0	60.7	71.6	84.4	99.9	117.1	130.8
32.5°	39.4	43.4	47.1	52.0	58.3	66.2	77.8	94.0	111.8	129.2	138.4
30°	43.1	46.3	50.4	55.9	63.5	73.6	86.2	103.6	123.8	135.8	144.3
27.5°	48.0	49.2	53.8	60.3	68.9	80.8	96.5	114.6	131.3	141.8	149.4
25°	52.9	54.1	57.0	64.6	75.3	89.4	107.0	127.6	137.6	146.4	155.2
22.5°	57.5	58.8	62.5	68.8	81.5	98.1	118.6	136.6	146.1	151.7	161.3
20°	61.9	63.9	68.4	75.7	87.9	106.4	129.8	144.9	154.0	160.7	169.6
17.5°	66.1	68.8	74.4	83.2	96.8	115.7	140.0	153.3	162.1	168.6	179.6
15°	70.2	73.6	80.1	90.3	105.2	125.6	146.8	160.1	169.6	176.0	188.8
12.5°	74.1	78.3	85.6	96.8	112.8	134.3	152.6	164.5	174.0	183.8	197.0
10°	77.9	82.9	90.8	102.9	119.5	141.7	157.5	168.0	177.5	190.0	203.8
7.5°	78.5	85.2	95.1	108.6	125.5	148.1	161.4	170.8	181.0	195.7	209.9
5°	78.6	85.0	95.4	110.0	128.3	151.8	164.2	172.9	184.5	200.8	215.4
2.5°	78.5	84.6	95.5	110.5	129.0	152.2	164.6	173.4	186.5	205.7	220.4
0°	78.4	84.0	95.3	110.5	129.1	151.7	164.6	173.6	187.7	210.3	224.9
-2.5°	78.5	84.6	95.5	110.5	129.0	152.2	164.6	173.4	186.5	205.7	220.4
-5°	78.6	85.0	95.4	110.0	128.3	151.8	164.2	172.9	184.5	200.8	215.4
-7.5°	78.5	85.2	95.1	108.6	125.5	148.1	161.4	170.8	181.0	195.7	209.9
-10°	77.9	82.9	90.8	102.9	119.5	141.7	157.5	168.0	177.5	190.0	203.8
-12.5°	74.1	78.3	85.6	96.8	112.8	134.3	152.6	164.5	174.0	183.8	197.0
-15°	70.2	73.6	80.1	90.3	105.2	125.6	146.8	160.1	169.6	176.0	188.8
-17.5°	66.1	68.8	74.4	83.2	96.8	115.7	140.0	153.3	162.1	168.6	179.6
-20°	61.9	63.9	68.4	75.7	87.9	106.4	129.8	144.9	154.0	160.7	169.6



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	57.5	58.8	62.5	68.8	81.5	98.1	118.6	136.6	146.1	151.7	161.3
-25°	52.9	54.1	57.0	64.6	75.3	89.4	107.0	127.6	137.6	146.4	155.2
-27.5°	48.0	49.2	53.8	60.3	68.9	80.8	96.5	114.6	131.3	141.8	149.4
-30°	43.1	46.3	50.4	55.9	63.5	73.6	86.2	103.6	123.8	135.8	144.3
-32.5°	39.4	43.4	47.1	52.0	58.3	66.2	77.8	94.0	111.8	129.2	138.4
-35°	36.4	40.2	43.8	47.9	53.0	60.7	71.6	84.4	99.9	117.1	130.8
-37.5°	33.4	36.8	40.4	43.8	48.4	56.3	65.2	76.4	89.3	102.9	118.0
-40°	30.3	33.2	36.6	39.9	45.1	52.1	60.1	69.0	79.7	90.5	102.3
-42.5°	27.1	29.8	32.6	36.3	42.1	48.5	55.0	62.9	70.5	78.8	88.6
-45°	23.9	26.3	28.5	33.3	39.2	44.9	51.0	56.9	62.9	68.9	76.4
-47.5°	20.8	22.9	25.0	30.1	35.8	41.4	46.9	51.8	56.1	61.2	65.9
-50°	18.0	19.8	22.3	27.0	32.1	37.6	42.9	46.8	50.6	54.4	58.5
-52.5°	15.6	17.0	20.1	24.0	28.5	33.4	38.1	41.9	45.3	48.6	52.2
-55°	13.3	14.9	17.7	21.2	25.1	29.4	32.9	36.6	40.2	43.2	46.4
-57.5°	11.3	13.0	15.6	18.3	21.7	25.4	28.4	31.1	34.2	37.5	41.1
-60°	9.4	11.2	13.5	15.9	18.3	21.5	24.2	26.7	29.0	31.3	34.9
-62.5°	7.7	9.5	11.5	13.6	15.8	18.1	20.7	23.0	24.6	26.7	29.1
-65°	6.2	7.8	9.5	11.4	13.3	15.4	17.6	19.9	21.9	22.8	24.0
-67.5°	4.8	6.2	7.6	9.1	10.8	12.5	14.7	16.7	18.6	19.3	20.0
-70°	3.7	4.6	5.7	7.0	8.2	9.3	10.8	12.7	14.5	15.4	16.0
-72.5°	2.7	3.4	4.2	4.9	5.9	6.7	7.5	8.2	9.4	10.7	11.7
-75°	2.0	2.3	2.8	3.4	4.0	4.4	4.8	5.4	6.2	7.0	7.8
-77.5°	1.5	1.7	1.9	2.1	2.4	2.8	3.2	3.5	3.9	4.3	4.8
-80°	1.1	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.2	2.4	2.7
-82.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.4	1.5	1.6
-85°	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9
-87.5°	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
85°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
82.5°	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2
80°	3.1	3.3	3.5	3.6	3.7	4.1	4.6	5.1	5.6	5.8	6.0
77.5°	5.4	5.8	6.0	6.2	6.3	7.2	8.3	9.5	10.7	11.4	11.9
75°	8.5	9.0	9.3	9.5	9.7	11.0	13.0	15.1	17.3	18.5	19.3
72.5°	12.4	12.7	13.0	13.3	13.5	15.5	19.1	23.0	27.2	29.8	31.6
70°	16.5	16.9	17.3	17.6	17.8	20.2	25.4	30.9	36.6	42.3	48.3
67.5°	20.9	21.8	22.3	22.5	22.8	24.9	30.5	35.6	40.4	50.6	66.8
65°	25.6	27.8	28.7	29.2	29.4	30.3	35.1	39.4	43.2	51.2	63.6
62.5°	31.7	34.6	35.9	36.4	36.8	36.9	40.7	44.3	47.6	52.6	60.5
60°	38.2	41.3	42.9	43.3	43.6	43.8	46.9	50.4	53.7	57.8	65.1
57.5°	44.2	47.0	49.4	50.4	51.2	51.7	54.5	58.6	62.5	66.6	74.5
55°	49.9	53.4	56.7	58.6	60.3	61.8	64.5	69.8	74.9	79.6	87.8
52.5°	56.1	60.6	65.1	68.4	71.7	74.5	77.5	84.3	91.1	97.4	105.3
50°	63.6	69.1	75.6	81.1	85.8	90.4	94.6	102.7	111.8	120.5	128.8
47.5°	73.0	80.3	88.6	96.4	102.8	109.9	116.4	124.8	132.8	140.9	147.8
45°	84.5	94.7	104.2	114.6	123.7	128.4	132.2	137.4	145.6	153.6	160.0
42.5°	99.3	111.1	122.9	130.6	136.4	140.3	143.0	145.7	154.4	162.1	168.3
40°	115.8	127.7	134.9	141.2	145.2	148.7	153.0	157.2	164.0	171.9	178.8
37.5°	130.0	137.7	144.1	149.0	153.9	158.4	164.6	170.7	177.2	186.0	192.4
35°	138.8	145.5	152.0	158.2	164.5	171.5	179.3	188.2	196.2	188.9	178.5
32.5°	145.5	152.4	160.2	169.8	178.4	188.0	197.8	182.2	166.2	159.9	161.2
30°	151.3	159.3	170.1	182.6	194.6	190.4	169.1	161.6	163.8	168.2	176.6
27.5°	157.6	167.5	180.7	196.0	186.6	163.1	164.3	168.6	183.2	195.6	214.4
25°	165.0	177.0	193.3	186.2	164.6	166.8	177.8	194.2	222.1	248.0	270.7
22.5°	173.9	189.2	191.3	164.6	167.5	181.8	204.0	239.7	273.5	304.9	328.2
20°	183.0	200.6	173.5	167.8	180.4	205.9	247.1	288.0	325.8	353.8	377.2
17.5°	193.8	187.6	168.4	174.4	199.8	243.9	290.2	333.6	369.2	417.7	458.9
15°	203.3	175.0	171.5	191.3	229.5	279.1	329.5	368.5	432.8	502.2	572.4
12.5°	197.8	170.6	177.0	206.4	256.6	310.2	354.7	416.4	501.5	602.9	755.4
10°	189.8	173.1	188.8	227.2	279.8	332.0	378.2	459.2	571.4	757.8	997.8
7.5°	183.5	174.2	196.5	243.2	297.0	345.1	406.8	505.0	661.4	917.0	1428.2
5°	178.8	174.1	200.1	252.5	307.2	354.2	424.4	538.3	749.5	1113.8	1987.2
2.5°	176.8	173.2	201.1	257.5	312.2	359.3	435.4	562.2	805.2	1296.6	2613.1
0°	178.2	171.4	200.7	259.3	315.2	358.6	436.9	569.4	822.0	1364.1	2697.1
-2.5°	176.8	173.2	201.1	257.5	312.2	359.3	435.4	562.2	805.2	1296.6	2613.1
-5°	178.8	174.1	200.1	252.5	307.2	354.2	424.4	538.3	749.5	1113.8	1987.2
-7.5°	183.5	174.2	196.5	243.2	297.0	345.1	406.8	505.0	661.4	917.0	1428.2
-10°	189.8	173.1	188.8	227.2	279.8	332.0	378.2	459.2	571.4	757.8	997.8
-12.5°	197.8	170.6	177.0	206.4	256.6	310.2	354.7	416.4	501.5	602.9	755.4
-15°	203.3	175.0	171.5	191.3	229.5	279.1	329.5	368.5	432.8	502.2	572.4
-17.5°	193.8	187.6	168.4	174.4	199.8	243.9	290.2	333.6	369.2	417.7	458.9
-20°	183.0	200.6	173.5	167.8	180.4	205.9	247.1	288.0	325.8	353.8	377.2



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	173.9	189.2	191.3	164.6	167.5	181.8	204.0	239.7	273.5	304.9	328.2
-25°	165.0	177.0	193.3	186.2	164.6	166.8	177.8	194.2	222.1	248.0	270.7
-27.5°	157.6	167.5	180.7	196.0	186.6	163.1	164.3	168.6	183.2	195.6	214.4
-30°	151.3	159.3	170.1	182.6	194.6	190.4	169.1	161.6	163.8	168.2	176.6
-32.5°	145.5	152.4	160.2	169.8	178.4	188.0	197.8	182.2	166.2	159.9	161.2
-35°	138.8	145.5	152.0	158.2	164.5	171.5	179.3	188.2	196.2	188.9	178.5
-37.5°	130.0	137.7	144.1	149.0	153.9	158.4	164.6	170.7	177.2	186.0	192.4
-40°	115.8	127.7	134.9	141.2	145.2	148.7	153.0	157.2	164.0	171.9	178.8
-42.5°	99.3	111.1	122.9	130.6	136.4	140.3	143.0	145.7	154.4	162.1	168.3
-45°	84.5	94.7	104.2	114.6	123.7	128.4	132.2	137.4	145.6	153.6	160.0
-47.5°	73.0	80.3	88.6	96.4	102.8	109.9	116.4	124.8	132.8	140.9	147.8
-50°	63.6	69.1	75.6	81.1	85.8	90.4	94.6	102.7	111.8	120.5	128.8
-52.5°	56.1	60.6	65.1	68.4	71.7	74.5	77.5	84.3	91.1	97.4	105.3
-55°	49.9	53.4	56.7	58.6	60.3	61.8	64.5	69.8	74.9	79.6	87.8
-57.5°	44.2	47.0	49.4	50.4	51.2	51.7	54.5	58.6	62.5	66.6	74.5
-60°	38.2	41.3	42.9	43.3	43.6	43.8	46.9	50.4	53.7	57.8	65.1
-62.5°	31.7	34.6	35.9	36.4	36.8	36.9	40.7	44.3	47.6	52.6	60.5
-65°	25.6	27.8	28.7	29.2	29.4	30.3	35.1	39.4	43.2	51.2	63.6
-67.5°	20.9	21.8	22.3	22.5	22.8	24.9	30.5	35.6	40.4	50.6	66.8
-70°	16.5	16.9	17.3	17.6	17.8	20.2	25.4	30.9	36.6	42.3	48.3
-72.5°	12.4	12.7	13.0	13.3	13.5	15.5	19.1	23.0	27.2	29.8	31.6
-75°	8.5	9.0	9.3	9.5	9.7	11.0	13.0	15.1	17.3	18.5	19.3
-77.5°	5.4	5.8	6.0	6.2	6.3	7.2	8.3	9.5	10.7	11.4	11.9
-80°	3.1	3.3	3.5	3.6	3.7	4.1	4.6	5.1	5.6	5.8	6.0
-82.5°	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2
-85°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-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: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1
80°	6.1	6.1	5.9	5.6	5.9	6.1	6.1	6.0	5.8	5.6	5.1
77.5°	12.4	12.9	12.4	11.8	12.4	12.9	12.4	11.9	11.4	10.7	9.5
75°	20.0	20.7	20.3	19.7	20.3	20.7	20.0	19.3	18.5	17.3	15.1
72.5°	33.4	35.0	34.6	33.8	34.6	35.0	33.4	31.6	29.8	27.2	23.0
70°	54.7	61.1	60.8	59.2	60.8	61.1	54.7	48.3	42.3	36.6	30.9
67.5°	84.3	102.5	108.2	111.1	108.2	102.5	84.3	66.8	50.6	40.4	35.6
65°	75.0	86.0	90.4	93.6	90.4	86.0	75.0	63.6	51.2	43.2	39.4
62.5°	67.5	74.0	75.4	75.5	75.4	74.0	67.5	60.5	52.6	47.6	44.3
60°	72.2	79.1	80.2	78.9	80.2	79.1	72.2	65.1	57.8	53.7	50.4
57.5°	82.0	89.3	90.6	89.1	90.6	89.3	82.0	74.5	66.6	62.5	58.6
55°	95.6	102.9	105.3	104.9	105.3	102.9	95.6	87.8	79.6	74.9	69.8
52.5°	112.9	119.6	122.4	122.3	122.4	119.6	112.9	105.3	97.4	91.1	84.3
50°	136.0	142.1	145.1	145.5	145.1	142.1	136.0	128.8	120.5	111.8	102.7
47.5°	152.7	156.7	158.7	159.0	158.7	156.7	152.7	147.8	140.9	132.8	124.8
45°	162.9	165.0	166.6	168.0	166.6	165.0	162.9	160.0	153.6	145.6	137.4
42.5°	172.5	176.9	180.2	181.0	180.2	176.9	172.5	168.3	162.1	154.4	145.7
40°	185.4	191.5	197.4	203.5	197.4	191.5	185.4	178.8	171.9	164.0	157.2
37.5°	199.1	205.9	211.6	214.8	211.6	205.9	199.1	192.4	186.0	177.2	170.7
35°	171.1	166.7	164.0	162.9	164.0	166.7	171.1	178.5	188.9	196.2	188.2
32.5°	162.0	162.3	161.7	160.7	161.7	162.3	162.0	161.2	159.9	166.2	182.2
30°	182.9	185.9	186.2	186.0	186.2	185.9	182.9	176.6	168.2	163.8	161.6
27.5°	228.3	235.9	238.3	243.0	238.3	235.9	228.3	214.4	195.6	183.2	168.6
25°	288.2	299.7	305.2	307.3	305.2	299.7	288.2	270.7	248.0	222.1	194.2
22.5°	341.4	350.2	355.3	359.7	355.3	350.2	341.4	328.2	304.9	273.5	239.7
20°	404.5	420.5	427.9	428.5	427.9	420.5	404.5	377.2	353.8	325.8	288.0
17.5°	503.0	534.3	549.8	554.2	549.8	534.3	503.0	458.9	417.7	369.2	333.6
15°	658.5	738.1	779.0	798.3	779.0	738.1	658.5	572.4	502.2	432.8	368.5
12.5°	912.0	1091.4	1236.5	1291.1	1236.5	1091.4	912.0	755.4	602.9	501.5	416.4
10°	1414.2	1950.0	2576.0	2868.0	2576.0	1950.0	1414.2	997.8	757.8	571.4	459.2
7.5°	2736.0	6352.5	12312.1	15155.0	12312.1	6352.5	2736.0	1428.2	917.0	661.4	505.0
5°	5831.8	25168.3	45073.3	52942.4	45073.3	25168.3	5831.8	1987.2	1113.8	749.5	538.3
2.5°	9288.8	41279.3	77887.5	91073.2	77887.5	41279.3	9288.8	2613.1	1296.6	805.2	562.2
0°	11098.3	43500.8	85947.0	99103.7	85947.0	43500.8	11098.3	2697.1	1364.1	822.0	569.4
-2.5°	9288.8	41279.3	77887.5	91073.2	77887.5	41279.3	9288.8	2613.1	1296.6	805.2	562.2
-5°	5831.8	25168.3	45073.3	52942.4	45073.3	25168.3	5831.8	1987.2	1113.8	749.5	538.3
-7.5°	2736.0	6352.5	12312.1	15155.0	12312.1	6352.5	2736.0	1428.2	917.0	661.4	505.0
-10°	1414.2	1950.0	2576.0	2868.0	2576.0	1950.0	1414.2	997.8	757.8	571.4	459.2
-12.5°	912.0	1091.4	1236.5	1291.1	1236.5	1091.4	912.0	755.4	602.9	501.5	416.4
-15°	658.5	738.1	779.0	798.3	779.0	738.1	658.5	572.4	502.2	432.8	368.5
-17.5°	503.0	534.3	549.8	554.2	549.8	534.3	503.0	458.9	417.7	369.2	333.6
-20°	404.5	420.5	427.9	428.5	427.9	420.5	404.5	377.2	353.8	325.8	288.0



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	341.4	350.2	355.3	359.7	355.3	350.2	341.4	328.2	304.9	273.5	239.7
-25°	288.2	299.7	305.2	307.3	305.2	299.7	288.2	270.7	248.0	222.1	194.2
-27.5°	228.3	235.9	238.3	243.0	238.3	235.9	228.3	214.4	195.6	183.2	168.6
-30°	182.9	185.9	186.2	186.0	186.2	185.9	182.9	176.6	168.2	163.8	161.6
-32.5°	162.0	162.3	161.7	160.7	161.7	162.3	162.0	161.2	159.9	166.2	182.2
-35°	171.1	166.7	164.0	162.9	164.0	166.7	171.1	178.5	188.9	196.2	188.2
-37.5°	199.1	205.9	211.6	214.8	211.6	205.9	199.1	192.4	186.0	177.2	170.7
-40°	185.4	191.5	197.4	203.5	197.4	191.5	185.4	178.8	171.9	164.0	157.2
-42.5°	172.5	176.9	180.2	181.0	180.2	176.9	172.5	168.3	162.1	154.4	145.7
-45°	162.9	165.0	166.6	168.0	166.6	165.0	162.9	160.0	153.6	145.6	137.4
-47.5°	152.7	156.7	158.7	159.0	158.7	156.7	152.7	147.8	140.9	132.8	124.8
-50°	136.0	142.1	145.1	145.5	145.1	142.1	136.0	128.8	120.5	111.8	102.7
-52.5°	112.9	119.6	122.4	122.3	122.4	119.6	112.9	105.3	97.4	91.1	84.3
-55°	95.6	102.9	105.3	104.9	105.3	102.9	95.6	87.8	79.6	74.9	69.8
-57.5°	82.0	89.3	90.6	89.1	90.6	89.3	82.0	74.5	66.6	62.5	58.6
-60°	72.2	79.1	80.2	78.9	80.2	79.1	72.2	65.1	57.8	53.7	50.4
-62.5°	67.5	74.0	75.4	75.5	75.4	74.0	67.5	60.5	52.6	47.6	44.3
-65°	75.0	86.0	90.4	93.6	90.4	86.0	75.0	63.6	51.2	43.2	39.4
-67.5°	84.3	102.5	108.2	111.1	108.2	102.5	84.3	66.8	50.6	40.4	35.6
-70°	54.7	61.1	60.8	59.2	60.8	61.1	54.7	48.3	42.3	36.6	30.9
-72.5°	33.4	35.0	34.6	33.8	34.6	35.0	33.4	31.6	29.8	27.2	23.0
-75°	20.0	20.7	20.3	19.7	20.3	20.7	20.0	19.3	18.5	17.3	15.1
-77.5°	12.4	12.9	12.4	11.8	12.4	12.9	12.4	11.9	11.4	10.7	9.5
-80°	6.1	6.1	5.9	5.6	5.9	6.1	6.1	6.0	5.8	5.6	5.1
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-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: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
82.5°	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.2
80°	4.6	4.1	3.7	3.6	3.5	3.3	3.1	2.7	2.4	2.2	2.1
77.5°	8.3	7.2	6.3	6.2	6.0	5.8	5.4	4.8	4.3	3.9	3.5
75°	13.0	11.0	9.7	9.5	9.3	9.0	8.5	7.8	7.0	6.2	5.4
72.5°	19.1	15.5	13.5	13.3	13.0	12.7	12.4	11.7	10.7	9.4	8.2
70°	25.4	20.2	17.8	17.6	17.3	16.9	16.5	16.0	15.4	14.5	12.7
67.5°	30.5	24.9	22.8	22.5	22.3	21.8	20.9	20.0	19.3	18.6	16.7
65°	35.1	30.3	29.4	29.2	28.7	27.8	25.6	24.0	22.8	21.9	19.9
62.5°	40.7	36.9	36.8	36.4	35.9	34.6	31.7	29.1	26.7	24.6	23.0
60°	46.9	43.8	43.6	43.3	42.9	41.3	38.2	34.9	31.3	29.0	26.7
57.5°	54.5	51.7	51.2	50.4	49.4	47.0	44.2	41.1	37.5	34.2	31.1
55°	64.5	61.8	60.3	58.6	56.7	53.4	49.9	46.4	43.2	40.2	36.6
52.5°	77.5	74.5	71.7	68.4	65.1	60.6	56.1	52.2	48.6	45.3	41.9
50°	94.6	90.4	85.8	81.1	75.6	69.1	63.6	58.5	54.4	50.6	46.8
47.5°	116.4	109.9	102.8	96.4	88.6	80.3	73.0	65.9	61.2	56.1	51.8
45°	132.2	128.4	123.7	114.6	104.2	94.7	84.5	76.4	68.9	62.9	56.9
42.5°	143.0	140.3	136.4	130.6	122.9	111.1	99.3	88.6	78.8	70.5	62.9
40°	153.0	148.7	145.2	141.2	134.9	127.7	115.8	102.3	90.5	79.7	69.0
37.5°	164.6	158.4	153.9	149.0	144.1	137.7	130.0	118.0	102.9	89.3	76.4
35°	179.3	171.5	164.5	158.2	152.0	145.5	138.8	130.8	117.1	99.9	84.4
32.5°	197.8	188.0	178.4	169.8	160.2	152.4	145.5	138.4	129.2	111.8	94.0
30°	169.1	190.4	194.6	182.6	170.1	159.3	151.3	144.3	135.8	123.8	103.6
27.5°	164.3	163.1	186.6	196.0	180.7	167.5	157.6	149.4	141.8	131.3	114.6
25°	177.8	166.8	164.6	186.2	193.3	177.0	165.0	155.2	146.4	137.6	127.6
22.5°	204.0	181.8	167.5	164.6	191.3	189.2	173.9	161.3	151.7	146.1	136.6
20°	247.1	205.9	180.4	167.8	173.5	200.6	183.0	169.6	160.7	154.0	144.9
17.5°	290.2	243.9	199.8	174.4	168.4	187.6	193.8	179.6	168.6	162.1	153.3
15°	329.5	279.1	229.5	191.3	171.5	175.0	203.3	188.8	176.0	169.6	160.1
12.5°	354.7	310.2	256.6	206.4	177.0	170.6	197.8	197.0	183.8	174.0	164.5
10°	378.2	332.0	279.8	227.2	188.8	173.1	189.8	203.8	190.0	177.5	168.0
7.5°	406.8	345.1	297.0	243.2	196.5	174.2	183.5	209.9	195.7	181.0	170.8
5°	424.4	354.2	307.2	252.5	200.1	174.1	178.8	215.4	200.8	184.5	172.9
2.5°	435.4	359.3	312.2	257.5	201.1	173.2	176.8	220.4	205.7	186.5	173.4
0°	436.9	358.6	315.2	259.3	200.7	171.4	178.2	224.9	210.3	187.7	173.6
-2.5°	435.4	359.3	312.2	257.5	201.1	173.2	176.8	220.4	205.7	186.5	173.4
-5°	424.4	354.2	307.2	252.5	200.1	174.1	178.8	215.4	200.8	184.5	172.9
-7.5°	406.8	345.1	297.0	243.2	196.5	174.2	183.5	209.9	195.7	181.0	170.8
-10°	378.2	332.0	279.8	227.2	188.8	173.1	189.8	203.8	190.0	177.5	168.0
-12.5°	354.7	310.2	256.6	206.4	177.0	170.6	197.8	197.0	183.8	174.0	164.5
-15°	329.5	279.1	229.5	191.3	171.5	175.0	203.3	188.8	176.0	169.6	160.1
-17.5°	290.2	243.9	199.8	174.4	168.4	187.6	193.8	179.6	168.6	162.1	153.3
-20°	247.1	205.9	180.4	167.8	173.5	200.6	183.0	169.6	160.7	154.0	144.9



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	204.0	181.8	167.5	164.6	191.3	189.2	173.9	161.3	151.7	146.1	136.6
-25°	177.8	166.8	164.6	186.2	193.3	177.0	165.0	155.2	146.4	137.6	127.6
-27.5°	164.3	163.1	186.6	196.0	180.7	167.5	157.6	149.4	141.8	131.3	114.6
-30°	169.1	190.4	194.6	182.6	170.1	159.3	151.3	144.3	135.8	123.8	103.6
-32.5°	197.8	188.0	178.4	169.8	160.2	152.4	145.5	138.4	129.2	111.8	94.0
-35°	179.3	171.5	164.5	158.2	152.0	145.5	138.8	130.8	117.1	99.9	84.4
-37.5°	164.6	158.4	153.9	149.0	144.1	137.7	130.0	118.0	102.9	89.3	76.4
-40°	153.0	148.7	145.2	141.2	134.9	127.7	115.8	102.3	90.5	79.7	69.0
-42.5°	143.0	140.3	136.4	130.6	122.9	111.1	99.3	88.6	78.8	70.5	62.9
-45°	132.2	128.4	123.7	114.6	104.2	94.7	84.5	76.4	68.9	62.9	56.9
-47.5°	116.4	109.9	102.8	96.4	88.6	80.3	73.0	65.9	61.2	56.1	51.8
-50°	94.6	90.4	85.8	81.1	75.6	69.1	63.6	58.5	54.4	50.6	46.8
-52.5°	77.5	74.5	71.7	68.4	65.1	60.6	56.1	52.2	48.6	45.3	41.9
-55°	64.5	61.8	60.3	58.6	56.7	53.4	49.9	46.4	43.2	40.2	36.6
-57.5°	54.5	51.7	51.2	50.4	49.4	47.0	44.2	41.1	37.5	34.2	31.1
-60°	46.9	43.8	43.6	43.3	42.9	41.3	38.2	34.9	31.3	29.0	26.7
-62.5°	40.7	36.9	36.8	36.4	35.9	34.6	31.7	29.1	26.7	24.6	23.0
-65°	35.1	30.3	29.4	29.2	28.7	27.8	25.6	24.0	22.8	21.9	19.9
-67.5°	30.5	24.9	22.8	22.5	22.3	21.8	20.9	20.0	19.3	18.6	16.7
-70°	25.4	20.2	17.8	17.6	17.3	16.9	16.5	16.0	15.4	14.5	12.7
-72.5°	19.1	15.5	13.5	13.3	13.0	12.7	12.4	11.7	10.7	9.4	8.2
-75°	13.0	11.0	9.7	9.5	9.3	9.0	8.5	7.8	7.0	6.2	5.4
-77.5°	8.3	7.2	6.3	6.2	6.0	5.8	5.4	4.8	4.3	3.9	3.5
-80°	4.6	4.1	3.7	3.6	3.5	3.3	3.1	2.7	2.4	2.2	2.1
-82.5°	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.2
-85°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3
85°	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.8	0.7
82.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
80°	1.9	1.8	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	3.2	2.8	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.1
75°	4.8	4.4	4.0	3.4	2.8	2.3	2.0	1.7	1.5	1.1	1.1
72.5°	7.5	6.7	5.9	4.9	4.2	3.4	2.7	2.3	2.0	1.6	1.2
70°	10.8	9.3	8.2	7.0	5.7	4.6	3.7	3.1	2.5	2.1	1.7
67.5°	14.7	12.5	10.8	9.1	7.6	6.2	4.8	4.0	3.4	2.6	2.2
65°	17.6	15.4	13.3	11.4	9.5	7.8	6.2	5.1	4.3	3.5	2.6
62.5°	20.7	18.1	15.8	13.6	11.5	9.5	7.7	6.6	5.3	4.3	3.3
60°	24.2	21.5	18.3	15.9	13.5	11.2	9.4	8.1	6.7	5.2	4.1
57.5°	28.4	25.4	21.7	18.3	15.6	13.0	11.3	9.8	8.1	6.4	4.8
55°	32.9	29.4	25.1	21.2	17.7	14.9	13.3	11.6	9.6	7.7	5.7
52.5°	38.1	33.4	28.5	24.0	20.1	17.0	15.6	13.5	11.4	9.0	6.9
50°	42.9	37.6	32.1	27.0	22.3	19.8	18.0	15.8	13.2	10.4	8.3
47.5°	46.9	41.4	35.8	30.1	25.0	22.9	20.8	18.1	15.0	12.1	9.7
45°	51.0	44.9	39.2	33.3	28.5	26.3	23.9	20.6	17.2	14.0	11.1
42.5°	55.0	48.5	42.1	36.3	32.6	29.8	27.1	23.5	19.5	16.0	12.8
40°	60.1	52.1	45.1	39.9	36.6	33.2	30.3	26.6	21.9	18.2	14.6
37.5°	65.2	56.3	48.4	43.8	40.4	36.8	33.4	29.8	24.9	20.8	16.5
35°	71.6	60.7	53.0	47.9	43.8	40.2	36.4	32.8	28.4	23.3	18.4
32.5°	77.8	66.2	58.3	52.0	47.1	43.4	39.4	36.7	32.0	25.9	20.3
30°	86.2	73.6	63.5	55.9	50.4	46.3	43.1	41.1	35.8	28.5	22.3
27.5°	96.5	80.8	68.9	60.3	53.8	49.2	48.0	45.9	39.6	31.3	24.4
25°	107.0	89.4	75.3	64.6	57.0	54.1	52.9	51.1	43.6	34.4	26.5
22.5°	118.6	98.1	81.5	68.8	62.5	58.8	57.5	55.5	47.9	37.6	28.5
20°	129.8	106.4	87.9	75.7	68.4	63.9	61.9	59.9	52.3	40.7	30.6
17.5°	140.0	115.7	96.8	83.2	74.4	68.8	66.1	64.1	56.8	43.8	32.5
15°	146.8	125.6	105.2	90.3	80.1	73.6	70.2	68.3	61.4	46.9	33.9
12.5°	152.6	134.3	112.8	96.8	85.6	78.3	74.1	72.3	66.0	48.8	34.6
10°	157.5	141.7	119.5	102.9	90.8	82.9	77.9	75.2	67.7	49.8	35.3
7.5°	161.4	148.1	125.5	108.6	95.1	85.2	78.5	75.7	68.8	50.6	35.8
5°	164.2	151.8	128.3	110.0	95.4	85.0	78.6	76.2	69.5	51.0	36.2
2.5°	164.6	152.2	129.0	110.5	95.5	84.6	78.5	76.5	69.9	51.3	36.5
0°	164.6	151.7	129.1	110.5	95.3	84.0	78.4	76.7	69.9	51.3	36.6
-2.5°	164.6	152.2	129.0	110.5	95.5	84.6	78.5	76.5	69.9	51.3	36.5
-5°	164.2	151.8	128.3	110.0	95.4	85.0	78.6	76.2	69.5	51.0	36.2
-7.5°	161.4	148.1	125.5	108.6	95.1	85.2	78.5	75.7	68.8	50.6	35.8
-10°	157.5	141.7	119.5	102.9	90.8	82.9	77.9	75.2	67.7	49.8	35.3
-12.5°	152.6	134.3	112.8	96.8	85.6	78.3	74.1	72.3	66.0	48.8	34.6
-15°	146.8	125.6	105.2	90.3	80.1	73.6	70.2	68.3	61.4	46.9	33.9
-17.5°	140.0	115.7	96.8	83.2	74.4	68.8	66.1	64.1	56.8	43.8	32.5
-20°	129.8	106.4	87.9	75.7	68.4	63.9	61.9	59.9	52.3	40.7	30.6



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	118.6	98.1	81.5	68.8	62.5	58.8	57.5	55.5	47.9	37.6	28.5
-25°	107.0	89.4	75.3	64.6	57.0	54.1	52.9	51.1	43.6	34.4	26.5
-27.5°	96.5	80.8	68.9	60.3	53.8	49.2	48.0	45.9	39.6	31.3	24.4
-30°	86.2	73.6	63.5	55.9	50.4	46.3	43.1	41.1	35.8	28.5	22.3
-32.5°	77.8	66.2	58.3	52.0	47.1	43.4	39.4	36.7	32.0	25.9	20.3
-35°	71.6	60.7	53.0	47.9	43.8	40.2	36.4	32.8	28.4	23.3	18.4
-37.5°	65.2	56.3	48.4	43.8	40.4	36.8	33.4	29.8	24.9	20.8	16.5
-40°	60.1	52.1	45.1	39.9	36.6	33.2	30.3	26.6	21.9	18.2	14.6
-42.5°	55.0	48.5	42.1	36.3	32.6	29.8	27.1	23.5	19.5	16.0	12.8
-45°	51.0	44.9	39.2	33.3	28.5	26.3	23.9	20.6	17.2	14.0	11.1
-47.5°	46.9	41.4	35.8	30.1	25.0	22.9	20.8	18.1	15.0	12.1	9.7
-50°	42.9	37.6	32.1	27.0	22.3	19.8	18.0	15.8	13.2	10.4	8.3
-52.5°	38.1	33.4	28.5	24.0	20.1	17.0	15.6	13.5	11.4	9.0	6.9
-55°	32.9	29.4	25.1	21.2	17.7	14.9	13.3	11.6	9.6	7.7	5.7
-57.5°	28.4	25.4	21.7	18.3	15.6	13.0	11.3	9.8	8.1	6.4	4.8
-60°	24.2	21.5	18.3	15.9	13.5	11.2	9.4	8.1	6.7	5.2	4.1
-62.5°	20.7	18.1	15.8	13.6	11.5	9.5	7.7	6.6	5.3	4.3	3.3
-65°	17.6	15.4	13.3	11.4	9.5	7.8	6.2	5.1	4.3	3.5	2.6
-67.5°	14.7	12.5	10.8	9.1	7.6	6.2	4.8	4.0	3.4	2.6	2.2
-70°	10.8	9.3	8.2	7.0	5.7	4.6	3.7	3.1	2.5	2.1	1.7
-72.5°	7.5	6.7	5.9	4.9	4.2	3.4	2.7	2.3	2.0	1.6	1.2
-75°	4.8	4.4	4.0	3.4	2.8	2.3	2.0	1.7	1.5	1.1	1.1
-77.5°	3.2	2.8	2.4	2.1	1.9	1.7	1.5	1.2	1.1	1.1	1.1
-80°	1.9	1.8	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1
-82.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0
-85°	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.8	0.7
-87.5°	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.4	0.4	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: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
70°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
67.5°	1.6	1.1	1.1	1.1	0.8	0.4	0.0
65°	2.0	1.3	1.1	1.1	0.9	0.5	0.0
62.5°	2.4	1.7	1.1	1.1	1.0	0.5	0.0
60°	2.9	2.0	1.1	1.1	1.1	0.5	0.0
57.5°	3.6	2.4	1.4	1.1	1.1	0.6	0.0
55°	4.4	2.8	1.7	1.1	1.1	0.6	0.0
52.5°	5.2	3.2	2.0	1.1	1.1	0.7	0.0
50°	6.0	3.9	2.3	1.1	1.1	0.7	0.0
47.5°	6.9	4.6	2.6	1.2	1.2	0.7	0.0
45°	8.1	5.4	2.9	1.4	1.2	0.8	0.0
42.5°	9.4	6.1	3.2	1.6	1.2	0.8	0.0
40°	10.7	6.8	3.6	1.8	1.2	0.8	0.0
37.5°	12.0	7.5	4.1	2.0	1.2	0.9	0.0
35°	13.3	8.4	4.7	2.2	1.3	0.9	0.0
32.5°	14.7	9.5	5.2	2.3	1.3	0.9	0.0
30°	16.2	10.5	5.7	2.4	1.3	1.0	0.0
27.5°	17.7	11.5	6.1	2.6	1.3	1.0	0.0
25°	19.2	12.4	6.3	2.7	1.4	1.0	0.0
22.5°	20.7	13.2	6.5	2.7	1.4	1.0	0.0
20°	22.1	13.5	6.7	2.8	1.4	1.0	0.0
17.5°	22.9	13.6	6.8	2.8	1.5	1.0	0.0
15°	23.2	13.7	6.8	2.9	1.5	1.1	0.0
12.5°	23.4	13.7	6.8	2.9	1.5	1.1	0.0
10°	23.4	13.6	6.8	2.9	1.6	1.1	0.0
7.5°	23.4	13.4	6.7	2.9	1.6	1.1	0.0
5°	23.2	13.1	6.5	2.9	1.6	1.1	0.0
2.5°	23.0	12.8	6.4	2.8	1.7	1.1	0.0
0°	22.6	12.4	6.2	2.8	1.7	1.1	0.0
-2.5°	23.0	12.8	6.4	2.8	1.7	1.1	0.0
-5°	23.2	13.1	6.5	2.9	1.6	1.1	0.0
-7.5°	23.4	13.4	6.7	2.9	1.6	1.1	0.0
-10°	23.4	13.6	6.8	2.9	1.6	1.1	0.0
-12.5°	23.4	13.7	6.8	2.9	1.5	1.1	0.0
-15°	23.2	13.7	6.8	2.9	1.5	1.1	0.0
-17.5°	22.9	13.6	6.8	2.8	1.5	1.0	0.0
-20°	22.1	13.5	6.7	2.8	1.4	1.0	0.0



REPORT NUMBER: P558617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.7	13.2	6.5	2.7	1.4	1.0	0.0
-25°	19.2	12.4	6.3	2.7	1.4	1.0	0.0
-27.5°	17.7	11.5	6.1	2.6	1.3	1.0	0.0
-30°	16.2	10.5	5.7	2.4	1.3	1.0	0.0
-32.5°	14.7	9.5	5.2	2.3	1.3	0.9	0.0
-35°	13.3	8.4	4.7	2.2	1.3	0.9	0.0
-37.5°	12.0	7.5	4.1	2.0	1.2	0.9	0.0
-40°	10.7	6.8	3.6	1.8	1.2	0.8	0.0
-42.5°	9.4	6.1	3.2	1.6	1.2	0.8	0.0
-45°	8.1	5.4	2.9	1.4	1.2	0.8	0.0
-47.5°	6.9	4.6	2.6	1.2	1.2	0.7	0.0
-50°	6.0	3.9	2.3	1.1	1.1	0.7	0.0
-52.5°	5.2	3.2	2.0	1.1	1.1	0.7	0.0
-55°	4.4	2.8	1.7	1.1	1.1	0.6	0.0
-57.5°	3.6	2.4	1.4	1.1	1.1	0.6	0.0
-60°	2.9	2.0	1.1	1.1	1.1	0.5	0.0
-62.5°	2.4	1.7	1.1	1.1	1.0	0.5	0.0
-65°	2.0	1.3	1.1	1.1	0.9	0.5	0.0
-67.5°	1.6	1.1	1.1	1.1	0.8	0.4	0.0
-70°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
-72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
-75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
-77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
-80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	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)