

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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-930-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

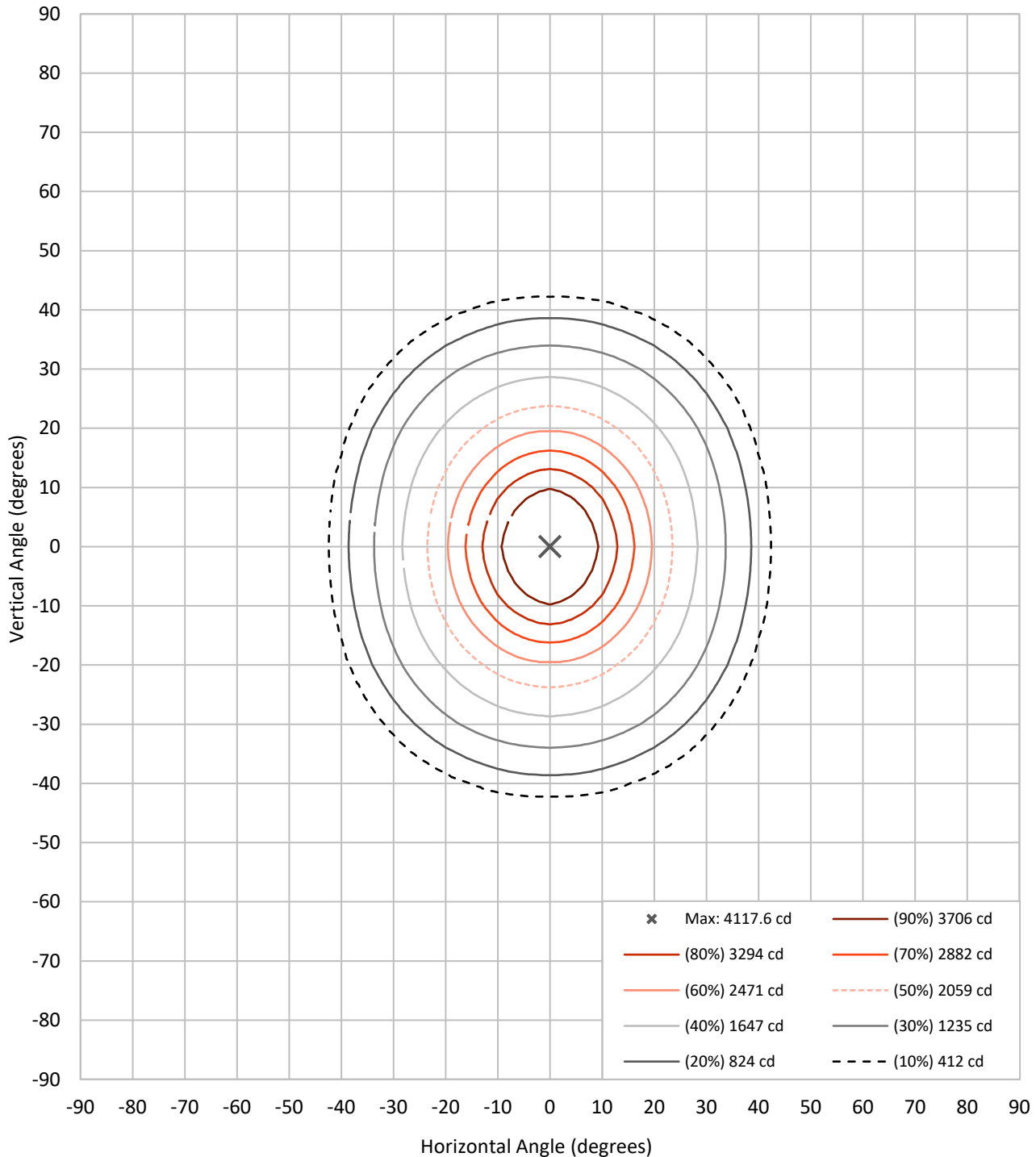
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3205.3 lumens	Max Intensity:	4117.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	1512.5 lumens	Field Lumens:	2910.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 33
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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

Iso-Candela Plot





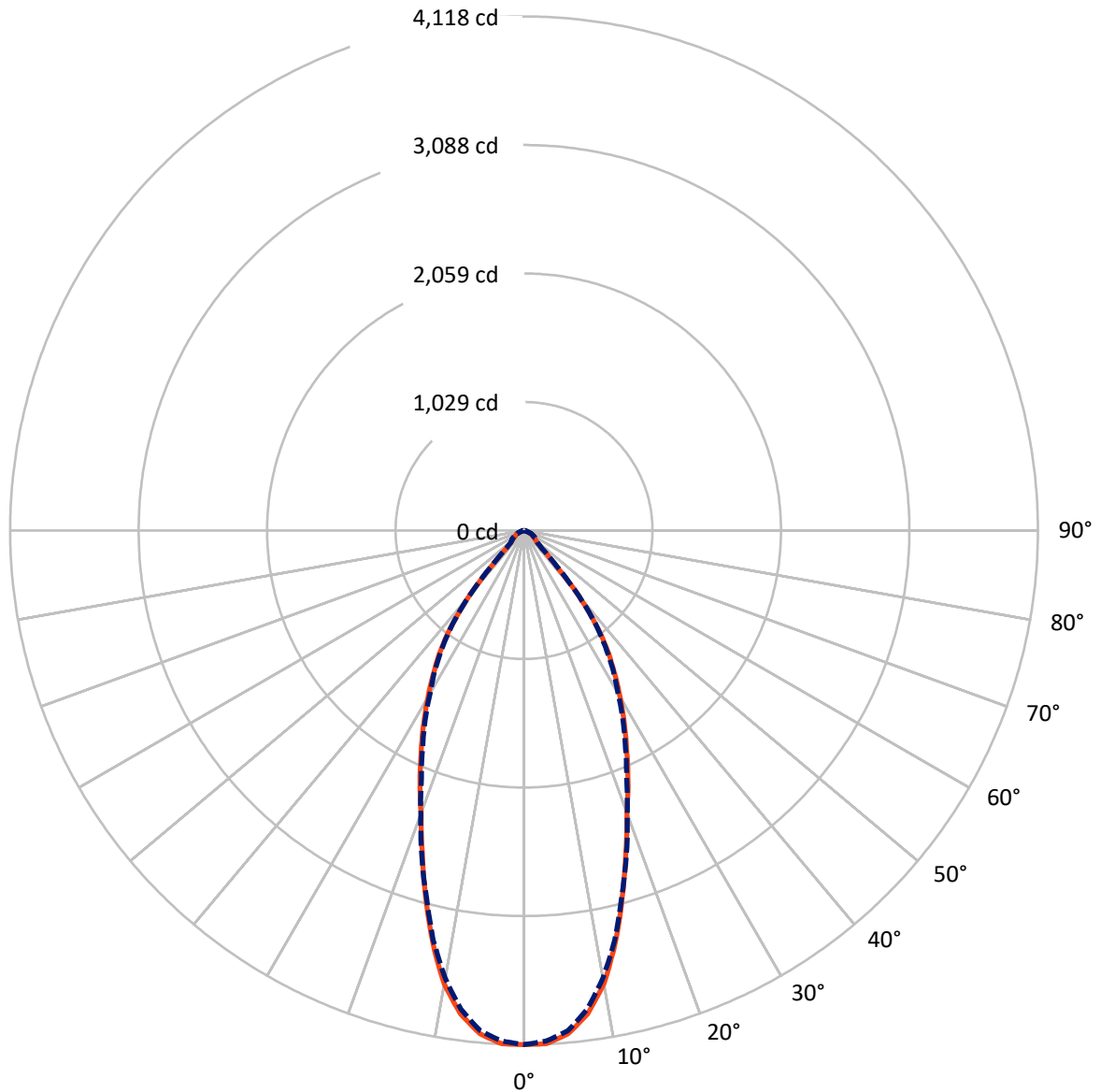
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Lumen Table

90																			
80	0.1	0.4		0.9		1.4		1.1		1.4		0.9		0.4		0.1			
70																			
60	0.2	0.3	0.5	0.7	1.0	1.3	1.5	1.6	1.6	1.5	1.3	1.0	0.7	0.5	0.3	0.2			
50		0.4	0.8	1.3	1.8	2.3	2.6	2.9	2.9	2.6	2.3	1.8	1.3	0.8	0.4				
40	0.3	0.5	1.1	1.8	2.6	3.6	5.7	8.0	8.0	5.7	3.6	2.6	1.8	1.1	0.5	0.3			
30		0.6	1.3	2.2	4.2	13.5	26.3	33.5	33.5	26.3	13.5	4.2	2.2	1.3	0.6				
20	0.4	0.7	1.6	2.8	12.4	32.3	47.6	57.7	57.7	47.6	32.3	12.4	2.8	1.6	0.7	0.4			
10		0.8	1.7	4.3	22.5	44.5	67.7	88.1	88.1	67.7	44.5	22.5	4.3	1.7	0.8				
0	0.4	0.9	1.9	6.0	27.4	52.0	85.1	115.1	115.1	85.1	52.0	27.4	6.0	1.9	0.9	0.4			
-10		0.9	1.9	6.0	27.4	52.0	85.1	115.1	115.1	85.1	52.0	27.4	6.0	1.9	0.9				
-20	0.4	0.8	1.7	4.3	22.5	44.5	67.7	88.1	88.1	67.7	44.5	22.5	4.3	1.7	0.8	0.4			
-30		0.7	1.6	2.8	12.4	32.3	47.6	57.7	57.7	47.6	32.3	12.4	2.8	1.6	0.7				
-40	0.3	0.6	1.3	2.2	4.2	13.5	26.3	33.5	33.5	26.3	13.5	4.2	2.2	1.3	0.6	0.3			
-50		0.5	1.1	1.8	2.6	3.6	5.7	8.0	8.0	5.7	3.6	2.6	1.8	1.1	0.5				
-60	0.2	0.4	0.8	1.3	1.8	2.3	2.6	2.9	2.9	2.6	2.3	1.8	1.3	0.8	0.4	0.2			
-70		0.3	0.5	0.7	1.0	1.3	1.5	1.6	1.6	1.5	1.3	1.0	0.7	0.5	0.3				
-80																			
-90	0.1	0.4		0.9		1.4		1.1		1.4		0.9		0.4		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

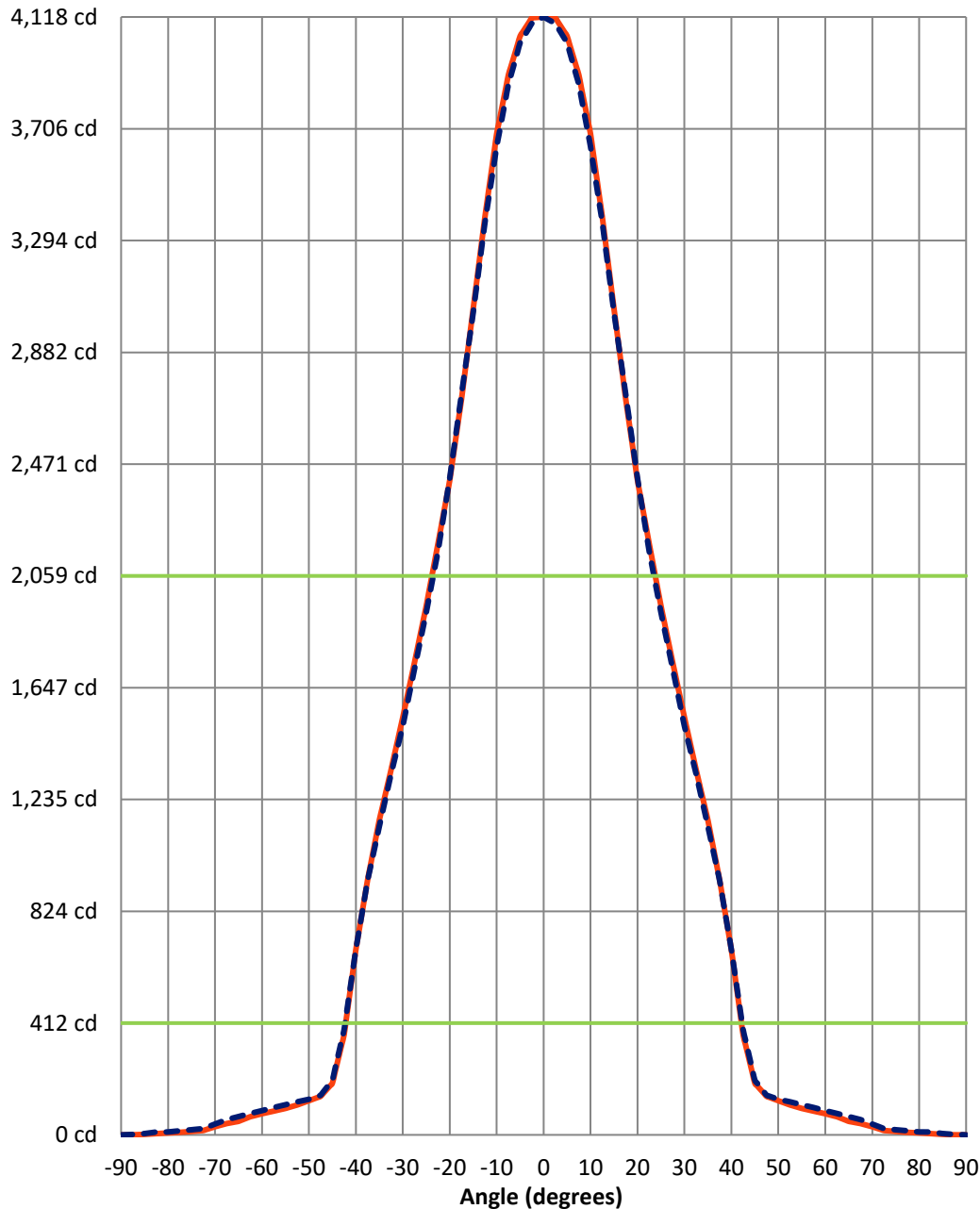
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 1512.5
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 2910.4
 Efficiency: 90.8%

Spill:
 Lumens: 294.9
 Efficiency: 9.2%

— 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	0.1	0.1	0.2	0.3	0.4	0.6	0.6	0.7	0.8	0.8
85°	0.0	0.1	0.3	0.4	0.6	0.9	1.1	1.3	1.4	1.5	1.6
82.5°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.2	2.6	2.9
80°	0.0	0.3	0.5	0.9	1.3	1.7	2.3	3.1	3.7	4.1	4.5
77.5°	0.0	0.3	0.6	1.1	1.6	2.4	3.6	4.5	5.2	5.7	6.2
75°	0.0	0.4	0.8	1.3	2.0	3.4	4.9	6.0	6.8	7.7	8.3
72.5°	0.0	0.5	0.9	1.5	2.7	4.3	6.2	7.6	8.8	9.7	10.4
70°	0.0	0.5	1.0	1.7	3.4	5.3	7.4	9.4	10.7	11.8	13.5
67.5°	0.0	0.6	1.1	2.2	4.1	6.2	8.9	11.2	12.7	14.5	16.8
65°	0.0	0.6	1.3	2.7	4.8	7.2	10.3	13.1	14.8	17.1	19.8
62.5°	0.0	0.7	1.4	3.2	5.4	8.2	11.6	14.7	16.8	19.6	22.6
60°	0.0	0.7	1.5	3.6	6.0	9.2	12.9	16.3	18.8	22.1	25.3
57.5°	0.0	0.8	1.8	4.0	6.7	10.2	13.8	17.6	20.9	24.5	27.7
55°	0.0	0.9	2.0	4.4	7.4	11.1	14.5	18.6	23.0	26.8	29.9
52.5°	0.0	0.9	2.3	4.8	8.0	11.8	15.2	20.0	25.1	28.8	32.1
50°	0.0	1.0	2.6	5.2	8.6	12.2	15.7	21.2	27.1	30.7	34.5
47.5°	0.0	1.0	2.8	5.5	9.2	12.5	16.2	22.3	28.7	32.6	36.8
45°	0.0	1.1	3.0	5.9	9.7	12.7	16.9	23.2	29.6	34.6	39.1
42.5°	0.0	1.1	3.2	6.2	10.1	12.9	17.6	23.9	30.2	36.5	41.4
40°	0.0	1.1	3.4	6.6	10.3	13.0	18.1	24.3	30.8	38.2	43.6
37.5°	0.0	1.2	3.6	6.9	10.4	13.0	18.5	24.6	31.5	39.1	45.7
35°	0.0	1.2	3.8	7.3	10.3	13.1	18.8	24.8	32.0	40.3	47.8
32.5°	0.0	1.3	4.0	7.6	10.3	13.3	19.0	24.9	32.4	41.8	49.6
30°	0.0	1.3	4.1	8.0	10.2	13.4	19.0	24.9	32.7	43.6	51.5
27.5°	0.0	1.3	4.3	8.3	10.3	13.5	18.9	25.0	33.4	45.6	53.3
25°	0.0	1.4	4.4	8.6	10.4	13.4	18.7	25.1	34.7	47.2	55.0
22.5°	0.0	1.4	4.5	8.9	10.5	13.4	18.4	25.1	36.1	48.6	57.2
20°	0.0	1.4	4.6	9.1	10.6	13.8	18.0	24.9	37.5	49.9	59.2
17.5°	0.0	1.4	4.7	9.4	10.6	14.1	18.0	24.7	38.9	51.0	61.0
15°	0.0	1.4	4.8	9.6	10.7	14.4	18.3	24.6	40.3	52.1	62.5
12.5°	0.0	1.5	4.8	9.8	10.7	14.6	18.5	24.7	41.2	53.1	63.8
10°	0.0	1.5	4.9	10.0	10.8	14.8	18.7	24.6	41.6	53.9	65.0
7.5°	0.0	1.5	4.9	10.2	10.8	14.9	18.8	24.4	41.6	54.7	65.9
5°	0.0	1.5	4.9	10.3	10.8	15.0	18.9	24.1	41.3	55.4	66.7
2.5°	0.0	1.5	4.9	10.4	10.8	15.1	18.9	23.7	40.8	56.0	67.1
0°	0.0	1.5	4.9	10.5	10.8	15.1	18.9	23.2	39.9	56.3	67.4
-2.5°	0.0	1.5	4.9	10.4	10.8	15.1	18.9	23.7	40.8	56.0	67.1
-5°	0.0	1.5	4.9	10.3	10.8	15.0	18.9	24.1	41.3	55.4	66.7
-7.5°	0.0	1.5	4.9	10.2	10.8	14.9	18.8	24.4	41.6	54.7	65.9
-10°	0.0	1.5	4.9	10.0	10.8	14.8	18.7	24.6	41.6	53.9	65.0
-12.5°	0.0	1.5	4.8	9.8	10.7	14.6	18.5	24.7	41.2	53.1	63.8
-15°	0.0	1.4	4.8	9.6	10.7	14.4	18.3	24.6	40.3	52.1	62.5
-17.5°	0.0	1.4	4.7	9.4	10.6	14.1	18.0	24.7	38.9	51.0	61.0
-20°	0.0	1.4	4.6	9.1	10.6	13.8	18.0	24.9	37.5	49.9	59.2



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	4.5	8.9	10.5	13.4	18.4	25.1	36.1	48.6	57.2
-25°	0.0	1.4	4.4	8.6	10.4	13.4	18.7	25.1	34.7	47.2	55.0
-27.5°	0.0	1.3	4.3	8.3	10.3	13.5	18.9	25.0	33.4	45.6	53.3
-30°	0.0	1.3	4.1	8.0	10.2	13.4	19.0	24.9	32.7	43.6	51.5
-32.5°	0.0	1.3	4.0	7.6	10.3	13.3	19.0	24.9	32.4	41.8	49.6
-35°	0.0	1.2	3.8	7.3	10.3	13.1	18.8	24.8	32.0	40.3	47.8
-37.5°	0.0	1.2	3.6	6.9	10.4	13.0	18.5	24.6	31.5	39.1	45.7
-40°	0.0	1.1	3.4	6.6	10.3	13.0	18.1	24.3	30.8	38.2	43.6
-42.5°	0.0	1.1	3.2	6.2	10.1	12.9	17.6	23.9	30.2	36.5	41.4
-45°	0.0	1.1	3.0	5.9	9.7	12.7	16.9	23.2	29.6	34.6	39.1
-47.5°	0.0	1.0	2.8	5.5	9.2	12.5	16.2	22.3	28.7	32.6	36.8
-50°	0.0	1.0	2.6	5.2	8.6	12.2	15.7	21.2	27.1	30.7	34.5
-52.5°	0.0	0.9	2.3	4.8	8.0	11.8	15.2	20.0	25.1	28.8	32.1
-55°	0.0	0.9	2.0	4.4	7.4	11.1	14.5	18.6	23.0	26.8	29.9
-57.5°	0.0	0.8	1.8	4.0	6.7	10.2	13.8	17.6	20.9	24.5	27.7
-60°	0.0	0.7	1.5	3.6	6.0	9.2	12.9	16.3	18.8	22.1	25.3
-62.5°	0.0	0.7	1.4	3.2	5.4	8.2	11.6	14.7	16.8	19.6	22.6
-65°	0.0	0.6	1.3	2.7	4.8	7.2	10.3	13.1	14.8	17.1	19.8
-67.5°	0.0	0.6	1.1	2.2	4.1	6.2	8.9	11.2	12.7	14.5	16.8
-70°	0.0	0.5	1.0	1.7	3.4	5.3	7.4	9.4	10.7	11.8	13.5
-72.5°	0.0	0.5	0.9	1.5	2.7	4.3	6.2	7.6	8.8	9.7	10.4
-75°	0.0	0.4	0.8	1.3	2.0	3.4	4.9	6.0	6.8	7.7	8.3
-77.5°	0.0	0.3	0.6	1.1	1.6	2.4	3.6	4.5	5.2	5.7	6.2
-80°	0.0	0.3	0.5	0.9	1.3	1.7	2.3	3.1	3.7	4.1	4.5
-82.5°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.2	2.6	2.9
-85°	0.0	0.1	0.3	0.4	0.6	0.9	1.1	1.3	1.4	1.5	1.6
-87.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.6	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.5	0.5
85°	1.6	1.6	1.7	1.7	1.8	1.8	1.7	1.6	1.9	2.2	2.5
82.5°	3.2	3.4	3.6	3.9	3.9	3.8	3.7	3.6	4.1	4.8	5.5
80°	4.9	5.2	5.8	6.4	6.6	6.6	6.4	6.0	6.8	7.9	9.1
77.5°	6.9	7.8	8.6	9.4	9.7	9.5	9.1	8.5	9.4	11.2	13.1
75°	9.2	10.2	11.6	12.7	12.9	12.5	11.9	11.3	12.5	14.7	16.8
72.5°	12.0	13.7	15.1	16.0	16.1	15.7	15.4	15.1	16.4	19.0	21.2
70°	15.6	17.4	18.4	18.9	19.1	19.3	20.1	21.0	22.3	24.5	26.3
67.5°	19.2	20.6	21.5	22.1	23.4	24.7	25.9	27.2	28.6	30.5	31.9
65°	22.3	23.8	25.0	26.5	28.5	30.0	31.7	33.4	35.4	37.2	38.5
62.5°	25.5	27.0	28.7	30.8	33.0	35.1	37.5	40.0	42.3	44.3	46.6
60°	28.0	30.0	32.3	34.9	37.6	40.8	43.7	46.5	49.0	51.5	54.7
57.5°	30.4	33.2	36.1	39.1	42.7	46.5	49.8	52.9	56.2	59.8	62.9
55°	33.0	36.5	39.8	43.5	47.7	52.3	55.9	59.4	63.5	67.9	71.3
52.5°	35.8	39.7	43.5	47.9	53.0	57.5	61.4	65.8	70.6	75.4	79.4
50°	38.5	42.8	47.2	52.8	57.8	62.2	67.0	72.3	77.3	82.2	86.9
47.5°	41.2	45.8	51.6	57.4	62.1	67.2	72.8	78.2	83.5	88.7	93.6
45°	43.9	49.2	55.8	61.2	66.5	72.4	78.2	83.8	89.4	94.9	100.2
42.5°	46.5	52.7	59.2	64.9	71.0	77.2	83.2	89.2	95.1	100.9	106.7
40°	49.2	55.8	62.7	68.9	75.3	81.7	88.1	94.4	100.6	106.8	112.9
37.5°	51.8	59.0	66.2	72.8	79.3	86.0	92.7	99.3	105.9	112.3	119.3
35°	54.1	62.3	69.6	76.5	83.3	90.1	97.1	104.1	111.1	118.0	126.9
32.5°	56.7	65.7	72.7	80.0	87.1	94.0	101.4	108.8	116.2	124.3	137.1
30°	59.7	68.4	75.7	83.4	90.6	97.9	105.5	113.3	121.0	133.7	163.1
27.5°	62.5	70.9	78.7	86.5	93.9	101.5	109.5	117.5	128.3	147.8	195.4
25°	65.2	73.4	81.4	89.3	97.0	104.9	113.1	121.5	136.1	175.5	280.7
22.5°	67.4	75.7	84.1	91.9	99.8	107.9	116.5	127.6	150.2	203.5	375.5
20°	69.3	78.0	86.5	94.6	102.4	110.7	119.5	133.4	171.7	283.3	489.1
17.5°	71.0	80.0	88.8	97.2	105.4	113.5	122.6	138.4	191.0	352.7	603.4
15°	72.6	81.8	90.8	99.7	108.1	116.5	127.4	152.7	230.0	421.6	705.2
12.5°	74.1	83.4	92.7	101.9	110.5	119.3	131.8	166.9	277.8	502.4	774.7
10°	75.4	84.8	94.4	104.0	112.7	121.7	135.4	178.5	317.1	568.8	830.5
7.5°	76.5	86.1	96.0	105.8	114.6	123.7	138.4	187.6	347.4	618.9	875.0
5°	77.5	87.4	97.9	107.8	116.9	126.0	141.0	194.1	368.8	652.6	907.5
2.5°	78.3	88.5	99.5	109.5	119.5	128.7	143.9	198.9	382.5	674.1	928.2
0°	78.8	89.3	100.8	111.0	121.8	131.1	146.2	201.2	387.6	681.9	936.0
-2.5°	78.3	88.5	99.5	109.5	119.5	128.7	143.9	198.9	382.5	674.1	928.2
-5°	77.5	87.4	97.9	107.8	116.9	126.0	141.0	194.1	368.8	652.6	907.5
-7.5°	76.5	86.1	96.0	105.8	114.6	123.7	138.4	187.6	347.4	618.9	875.0
-10°	75.4	84.8	94.4	104.0	112.7	121.7	135.4	178.5	317.1	568.8	830.5
-12.5°	74.1	83.4	92.7	101.9	110.5	119.3	131.8	166.9	277.8	502.4	774.7
-15°	72.6	81.8	90.8	99.7	108.1	116.5	127.4	152.7	230.0	421.6	705.2
-17.5°	71.0	80.0	88.8	97.2	105.4	113.5	122.6	138.4	191.0	352.7	603.4
-20°	69.3	78.0	86.5	94.6	102.4	110.7	119.5	133.4	171.7	283.3	489.1



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	67.4	75.7	84.1	91.9	99.8	107.9	116.5	127.6	150.2	203.5	375.5
-25°	65.2	73.4	81.4	89.3	97.0	104.9	113.1	121.5	136.1	175.5	280.7
-27.5°	62.5	70.9	78.7	86.5	93.9	101.5	109.5	117.5	128.3	147.8	195.4
-30°	59.7	68.4	75.7	83.4	90.6	97.9	105.5	113.3	121.0	133.7	163.1
-32.5°	56.7	65.7	72.7	80.0	87.1	94.0	101.4	108.8	116.2	124.3	137.1
-35°	54.1	62.3	69.6	76.5	83.3	90.1	97.1	104.1	111.1	118.0	126.9
-37.5°	51.8	59.0	66.2	72.8	79.3	86.0	92.7	99.3	105.9	112.3	119.3
-40°	49.2	55.8	62.7	68.9	75.3	81.7	88.1	94.4	100.6	106.8	112.9
-42.5°	46.5	52.7	59.2	64.9	71.0	77.2	83.2	89.2	95.1	100.9	106.7
-45°	43.9	49.2	55.8	61.2	66.5	72.4	78.2	83.8	89.4	94.9	100.2
-47.5°	41.2	45.8	51.6	57.4	62.1	67.2	72.8	78.2	83.5	88.7	93.6
-50°	38.5	42.8	47.2	52.8	57.8	62.2	67.0	72.3	77.3	82.2	86.9
-52.5°	35.8	39.7	43.5	47.9	53.0	57.5	61.4	65.8	70.6	75.4	79.4
-55°	33.0	36.5	39.8	43.5	47.7	52.3	55.9	59.4	63.5	67.9	71.3
-57.5°	30.4	33.2	36.1	39.1	42.7	46.5	49.8	52.9	56.2	59.8	62.9
-60°	28.0	30.0	32.3	34.9	37.6	40.8	43.7	46.5	49.0	51.5	54.7
-62.5°	25.5	27.0	28.7	30.8	33.0	35.1	37.5	40.0	42.3	44.3	46.6
-65°	22.3	23.8	25.0	26.5	28.5	30.0	31.7	33.4	35.4	37.2	38.5
-67.5°	19.2	20.6	21.5	22.1	23.4	24.7	25.9	27.2	28.6	30.5	31.9
-70°	15.6	17.4	18.4	18.9	19.1	19.3	20.1	21.0	22.3	24.5	26.3
-72.5°	12.0	13.7	15.1	16.0	16.1	15.7	15.4	15.1	16.4	19.0	21.2
-75°	9.2	10.2	11.6	12.7	12.9	12.5	11.9	11.3	12.5	14.7	16.8
-77.5°	6.9	7.8	8.6	9.4	9.7	9.5	9.1	8.5	9.4	11.2	13.1
-80°	4.9	5.2	5.8	6.4	6.6	6.6	6.4	6.0	6.8	7.9	9.1
-82.5°	3.2	3.4	3.6	3.9	3.9	3.8	3.7	3.6	4.1	4.8	5.5
-85°	1.6	1.6	1.7	1.7	1.8	1.8	1.7	1.6	1.9	2.2	2.5
-87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.5	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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-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	0.5	0.4
85°	2.8	2.7	2.5	2.4	2.2	2.3	2.4	2.5	2.6	2.5	2.3
82.5°	6.2	6.3	6.3	6.3	6.3	6.5	6.8	7.0	7.2	6.6	6.0
80°	10.5	11.0	11.3	11.5	11.8	11.8	11.6	11.3	10.9	10.0	9.0
77.5°	15.1	15.9	16.3	16.8	17.2	17.3	17.4	17.5	17.6	16.0	13.9
75°	18.8	20.0	20.7	21.3	21.9	22.2	22.4	22.5	22.6	20.6	18.1
72.5°	23.0	24.1	24.9	25.7	26.4	26.9	27.2	27.4	27.5	25.8	23.4
70°	27.5	28.4	29.4	30.4	31.3	31.9	32.3	32.6	32.8	32.7	32.6
67.5°	33.0	33.7	34.9	35.8	36.7	37.4	38.1	38.7	39.1	39.5	40.0
65°	39.7	41.6	43.4	44.2	44.4	45.3	46.9	47.9	48.4	48.8	49.3
62.5°	49.1	51.4	52.7	54.1	56.1	57.8	58.5	59.4	60.5	61.8	63.3
60°	57.2	59.1	61.1	63.1	64.9	66.4	67.9	69.5	70.9	72.2	73.5
57.5°	65.4	67.5	69.5	71.9	73.6	74.6	76.1	78.0	79.5	80.7	82.4
55°	74.0	76.7	79.5	81.6	83.2	84.2	85.4	87.2	88.3	88.7	90.7
52.5°	82.6	85.8	89.2	91.7	93.4	94.9	96.4	98.0	99.1	99.6	101.6
50°	90.6	94.4	98.1	101.4	103.6	106.3	109.2	110.6	111.6	112.6	114.8
47.5°	98.1	102.4	106.4	110.1	113.4	116.3	118.8	121.3	124.8	127.7	130.5
45°	105.4	110.0	114.3	118.5	122.1	127.8	133.2	137.8	150.2	160.5	168.4
42.5°	112.3	117.8	122.7	129.6	137.2	150.4	170.7	189.5	225.9	272.7	311.9
40°	119.4	126.6	135.4	148.9	174.6	201.0	279.9	350.1	419.3	497.9	565.3
37.5°	127.8	138.5	164.4	195.0	277.3	368.4	480.1	589.8	685.4	767.2	835.4
35°	138.8	172.0	220.3	332.0	453.6	602.9	731.7	834.9	929.3	1005.1	1062.1
32.5°	171.4	232.1	359.6	513.2	680.5	824.7	950.2	1049.0	1135.2	1203.1	1255.9
30°	219.1	358.7	531.9	715.8	882.4	1020.1	1136.1	1230.3	1307.2	1376.3	1434.3
27.5°	332.4	512.1	715.6	903.3	1054.8	1183.6	1287.7	1381.0	1465.8	1538.5	1607.1
25°	456.4	678.8	884.1	1054.9	1196.3	1317.2	1427.0	1529.0	1623.9	1709.1	1788.8
22.5°	605.4	827.1	1023.3	1181.4	1318.4	1442.7	1559.2	1672.8	1783.3	1887.2	1983.7
20°	740.2	957.9	1129.0	1286.8	1429.2	1558.6	1687.1	1819.5	1946.9	2072.1	2188.3
17.5°	845.3	1047.8	1219.6	1379.6	1524.5	1671.1	1818.1	1970.2	2123.9	2269.2	2408.2
15°	933.0	1122.8	1296.9	1456.9	1616.2	1777.9	1942.2	2121.3	2304.2	2478.1	2655.3
12.5°	995.2	1185.4	1361.8	1522.4	1701.0	1876.6	2067.7	2271.9	2483.1	2685.7	2903.4
10°	1045.2	1235.3	1410.3	1583.4	1772.4	1967.1	2181.5	2406.4	2658.4	2898.3	3132.9
7.5°	1088.1	1276.9	1449.2	1633.1	1831.9	2045.9	2279.0	2533.2	2806.0	3073.0	3352.1
5°	1119.5	1305.3	1479.4	1673.9	1877.5	2103.4	2354.2	2625.9	2918.4	3211.0	3487.0
2.5°	1136.1	1321.5	1498.2	1699.2	1904.3	2138.2	2399.5	2687.4	2996.4	3315.6	3587.8
0°	1135.7	1328.3	1505.5	1716.3	1924.0	2148.8	2418.9	2726.8	3028.2	3359.9	3639.4
-2.5°	1136.1	1321.5	1498.2	1699.2	1904.3	2138.2	2399.5	2687.4	2996.4	3315.6	3587.8
-5°	1119.5	1305.3	1479.4	1673.9	1877.5	2103.4	2354.2	2625.9	2918.4	3211.0	3487.0
-7.5°	1088.1	1276.9	1449.2	1633.1	1831.9	2045.9	2279.0	2533.2	2806.0	3073.0	3352.1
-10°	1045.2	1235.3	1410.3	1583.4	1772.4	1967.1	2181.5	2406.4	2658.4	2898.3	3132.9
-12.5°	995.2	1185.4	1361.8	1522.4	1701.0	1876.6	2067.7	2271.9	2483.1	2685.7	2903.4
-15°	933.0	1122.8	1296.9	1456.9	1616.2	1777.9	1942.2	2121.3	2304.2	2478.1	2655.3
-17.5°	845.3	1047.8	1219.6	1379.6	1524.5	1671.1	1818.1	1970.2	2123.9	2269.2	2408.2
-20°	740.2	957.9	1129.0	1286.8	1429.2	1558.6	1687.1	1819.5	1946.9	2072.1	2188.3



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	605.4	827.1	1023.3	1181.4	1318.4	1442.7	1559.2	1672.8	1783.3	1887.2	1983.7
-25°	456.4	678.8	884.1	1054.9	1196.3	1317.2	1427.0	1529.0	1623.9	1709.1	1788.8
-27.5°	332.4	512.1	715.6	903.3	1054.8	1183.6	1287.7	1381.0	1465.8	1538.5	1607.1
-30°	219.1	358.7	531.9	715.8	882.4	1020.1	1136.1	1230.3	1307.2	1376.3	1434.3
-32.5°	171.4	232.1	359.6	513.2	680.5	824.7	950.2	1049.0	1135.2	1203.1	1255.9
-35°	138.8	172.0	220.3	332.0	453.6	602.9	731.7	834.9	929.3	1005.1	1062.1
-37.5°	127.8	138.5	164.4	195.0	277.3	368.4	480.1	589.8	685.4	767.2	835.4
-40°	119.4	126.6	135.4	148.9	174.6	201.0	279.9	350.1	419.3	497.9	565.3
-42.5°	112.3	117.8	122.7	129.6	137.2	150.4	170.7	189.5	225.9	272.7	311.9
-45°	105.4	110.0	114.3	118.5	122.1	127.8	133.2	137.8	150.2	160.5	168.4
-47.5°	98.1	102.4	106.4	110.1	113.4	116.3	118.8	121.3	124.8	127.7	130.5
-50°	90.6	94.4	98.1	101.4	103.6	106.3	109.2	110.6	111.6	112.6	114.8
-52.5°	82.6	85.8	89.2	91.7	93.4	94.9	96.4	98.0	99.1	99.6	101.6
-55°	74.0	76.7	79.5	81.6	83.2	84.2	85.4	87.2	88.3	88.7	90.7
-57.5°	65.4	67.5	69.5	71.9	73.6	74.6	76.1	78.0	79.5	80.7	82.4
-60°	57.2	59.1	61.1	63.1	64.9	66.4	67.9	69.5	70.9	72.2	73.5
-62.5°	49.1	51.4	52.7	54.1	56.1	57.8	58.5	59.4	60.5	61.8	63.3
-65°	39.7	41.6	43.4	44.2	44.4	45.3	46.9	47.9	48.4	48.8	49.3
-67.5°	33.0	33.7	34.9	35.8	36.7	37.4	38.1	38.7	39.1	39.5	40.0
-70°	27.5	28.4	29.4	30.4	31.3	31.9	32.3	32.6	32.8	32.7	32.6
-72.5°	23.0	24.1	24.9	25.7	26.4	26.9	27.2	27.4	27.5	25.8	23.4
-75°	18.8	20.0	20.7	21.3	21.9	22.2	22.4	22.5	22.6	20.6	18.1
-77.5°	15.1	15.9	16.3	16.8	17.2	17.3	17.4	17.5	17.6	16.0	13.9
-80°	10.5	11.0	11.3	11.5	11.8	11.8	11.6	11.3	10.9	10.0	9.0
-82.5°	6.2	6.3	6.3	6.3	6.3	6.5	6.8	7.0	7.2	6.6	6.0
-85°	2.8	2.7	2.5	2.4	2.2	2.3	2.4	2.5	2.6	2.5	2.3
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-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°	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6
85°	2.1	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.5	2.6	2.5
82.5°	5.3	4.6	4.6	4.6	4.6	4.6	5.3	6.0	6.6	7.2	7.0
80°	7.9	6.8	6.9	7.1	6.9	6.8	7.9	9.0	10.0	10.9	11.3
77.5°	11.7	9.4	9.3	9.3	9.3	9.4	11.7	13.9	16.0	17.6	17.5
75°	15.5	12.8	12.7	12.7	12.7	12.8	15.5	18.1	20.6	22.6	22.5
72.5°	20.9	18.3	17.2	16.1	17.2	18.3	20.9	23.4	25.8	27.5	27.4
70°	32.6	32.7	31.5	30.0	31.5	32.7	32.6	32.6	32.7	32.8	32.6
67.5°	40.5	40.8	41.3	41.7	41.3	40.8	40.5	40.0	39.5	39.1	38.7
65°	49.5	49.5	49.7	49.8	49.7	49.5	49.5	49.3	48.8	48.4	47.9
62.5°	64.6	65.7	66.4	66.8	66.4	65.7	64.6	63.3	61.8	60.5	59.4
60°	74.6	75.5	76.7	77.9	76.7	75.5	74.6	73.5	72.2	70.9	69.5
57.5°	84.0	85.4	86.6	87.5	86.6	85.4	84.0	82.4	80.7	79.5	78.0
55°	92.6	94.3	95.9	97.4	95.9	94.3	92.6	90.7	88.7	88.3	87.2
52.5°	103.4	104.8	107.1	110.1	107.1	104.8	103.4	101.6	99.6	99.1	98.0
50°	117.3	119.4	122.3	125.8	122.3	119.4	117.3	114.8	112.6	111.6	110.6
47.5°	133.3	135.4	138.2	141.9	138.2	135.4	133.3	130.5	127.7	124.8	121.3
45°	175.7	180.7	185.2	190.1	185.2	180.7	175.7	168.4	160.5	150.2	137.8
42.5°	343.2	364.9	374.3	368.8	374.3	364.9	343.2	311.9	272.7	225.9	189.5
40°	616.7	652.7	673.9	681.3	673.9	652.7	616.7	565.3	497.9	419.3	350.1
37.5°	885.3	918.5	936.4	938.5	936.4	918.5	885.3	835.4	767.2	685.4	589.8
35°	1103.2	1130.5	1146.7	1158.9	1146.7	1130.5	1103.2	1062.1	1005.1	929.3	834.9
32.5°	1299.0	1330.1	1348.1	1344.1	1348.1	1330.1	1299.0	1255.9	1203.1	1135.2	1049.0
30°	1481.8	1515.8	1537.0	1537.6	1537.0	1515.8	1481.8	1434.3	1376.3	1307.2	1230.3
27.5°	1662.5	1700.8	1722.8	1740.1	1722.8	1700.8	1662.5	1607.1	1538.5	1465.8	1381.0
25°	1855.4	1903.0	1931.3	1948.4	1931.3	1903.0	1855.4	1788.8	1709.1	1623.9	1529.0
22.5°	2063.3	2122.3	2161.1	2177.2	2161.1	2122.3	2063.3	1983.7	1887.2	1783.3	1672.8
20°	2289.4	2362.5	2412.1	2410.6	2412.1	2362.5	2289.4	2188.3	2072.1	1946.9	1819.5
17.5°	2541.7	2636.1	2700.0	2709.2	2700.0	2636.1	2541.7	2408.2	2269.2	2123.9	1970.2
15°	2812.3	2933.9	3016.5	3042.1	3016.5	2933.9	2812.3	2655.3	2478.1	2304.2	2121.3
12.5°	3089.5	3234.2	3344.4	3381.0	3344.4	3234.2	3089.5	2903.4	2685.7	2483.1	2271.9
10°	3353.6	3514.0	3633.5	3686.4	3633.5	3514.0	3353.6	3132.9	2898.3	2658.4	2406.4
7.5°	3574.5	3737.3	3860.5	3904.0	3860.5	3737.3	3574.5	3352.1	3073.0	2806.0	2533.2
5°	3719.9	3897.9	3993.6	4047.4	3993.6	3897.9	3719.9	3487.0	3211.0	2918.4	2625.9
2.5°	3817.1	3968.0	4065.0	4114.5	4065.0	3968.0	3817.1	3587.8	3315.6	2996.4	2687.4
0°	3868.8	4022.4	4093.5	4117.6	4093.5	4022.4	3868.8	3639.4	3359.9	3028.2	2726.8
-2.5°	3817.1	3968.0	4065.0	4114.5	4065.0	3968.0	3817.1	3587.8	3315.6	2996.4	2687.4
-5°	3719.9	3897.9	3993.6	4047.4	3993.6	3897.9	3719.9	3487.0	3211.0	2918.4	2625.9
-7.5°	3574.5	3737.3	3860.5	3904.0	3860.5	3737.3	3574.5	3352.1	3073.0	2806.0	2533.2
-10°	3353.6	3514.0	3633.5	3686.4	3633.5	3514.0	3353.6	3132.9	2898.3	2658.4	2406.4
-12.5°	3089.5	3234.2	3344.4	3381.0	3344.4	3234.2	3089.5	2903.4	2685.7	2483.1	2271.9
-15°	2812.3	2933.9	3016.5	3042.1	3016.5	2933.9	2812.3	2655.3	2478.1	2304.2	2121.3
-17.5°	2541.7	2636.1	2700.0	2709.2	2700.0	2636.1	2541.7	2408.2	2269.2	2123.9	1970.2
-20°	2289.4	2362.5	2412.1	2410.6	2412.1	2362.5	2289.4	2188.3	2072.1	1946.9	1819.5



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2063.3	2122.3	2161.1	2177.2	2161.1	2122.3	2063.3	1983.7	1887.2	1783.3	1672.8
-25°	1855.4	1903.0	1931.3	1948.4	1931.3	1903.0	1855.4	1788.8	1709.1	1623.9	1529.0
-27.5°	1662.5	1700.8	1722.8	1740.1	1722.8	1700.8	1662.5	1607.1	1538.5	1465.8	1381.0
-30°	1481.8	1515.8	1537.0	1537.6	1537.0	1515.8	1481.8	1434.3	1376.3	1307.2	1230.3
-32.5°	1299.0	1330.1	1348.1	1344.1	1348.1	1330.1	1299.0	1255.9	1203.1	1135.2	1049.0
-35°	1103.2	1130.5	1146.7	1158.9	1146.7	1130.5	1103.2	1062.1	1005.1	929.3	834.9
-37.5°	885.3	918.5	936.4	938.5	936.4	918.5	885.3	835.4	767.2	685.4	589.8
-40°	616.7	652.7	673.9	681.3	673.9	652.7	616.7	565.3	497.9	419.3	350.1
-42.5°	343.2	364.9	374.3	368.8	374.3	364.9	343.2	311.9	272.7	225.9	189.5
-45°	175.7	180.7	185.2	190.1	185.2	180.7	175.7	168.4	160.5	150.2	137.8
-47.5°	133.3	135.4	138.2	141.9	138.2	135.4	133.3	130.5	127.7	124.8	121.3
-50°	117.3	119.4	122.3	125.8	122.3	119.4	117.3	114.8	112.6	111.6	110.6
-52.5°	103.4	104.8	107.1	110.1	107.1	104.8	103.4	101.6	99.6	99.1	98.0
-55°	92.6	94.3	95.9	97.4	95.9	94.3	92.6	90.7	88.7	88.3	87.2
-57.5°	84.0	85.4	86.6	87.5	86.6	85.4	84.0	82.4	80.7	79.5	78.0
-60°	74.6	75.5	76.7	77.9	76.7	75.5	74.6	73.5	72.2	70.9	69.5
-62.5°	64.6	65.7	66.4	66.8	66.4	65.7	64.6	63.3	61.8	60.5	59.4
-65°	49.5	49.5	49.7	49.8	49.7	49.5	49.5	49.3	48.8	48.4	47.9
-67.5°	40.5	40.8	41.3	41.7	41.3	40.8	40.5	40.0	39.5	39.1	38.7
-70°	32.6	32.7	31.5	30.0	31.5	32.7	32.6	32.6	32.7	32.8	32.6
-72.5°	20.9	18.3	17.2	16.1	17.2	18.3	20.9	23.4	25.8	27.5	27.4
-75°	15.5	12.8	12.7	12.7	12.7	12.8	15.5	18.1	20.6	22.6	22.5
-77.5°	11.7	9.4	9.3	9.3	9.3	9.4	11.7	13.9	16.0	17.6	17.5
-80°	7.9	6.8	6.9	7.1	6.9	6.8	7.9	9.0	10.0	10.9	11.3
-82.5°	5.3	4.6	4.6	4.6	4.6	4.6	5.3	6.0	6.6	7.2	7.0
-85°	2.1	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.5	2.6	2.5
-87.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-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°	2.4	2.3	2.2	2.4	2.5	2.7	2.8	2.5	2.2	1.9	1.6
82.5°	6.8	6.5	6.3	6.3	6.3	6.3	6.2	5.5	4.8	4.1	3.6
80°	11.6	11.8	11.8	11.5	11.3	11.0	10.5	9.1	7.9	6.8	6.0
77.5°	17.4	17.3	17.2	16.8	16.3	15.9	15.1	13.1	11.2	9.4	8.5
75°	22.4	22.2	21.9	21.3	20.7	20.0	18.8	16.8	14.7	12.5	11.3
72.5°	27.2	26.9	26.4	25.7	24.9	24.1	23.0	21.2	19.0	16.4	15.1
70°	32.3	31.9	31.3	30.4	29.4	28.4	27.5	26.3	24.5	22.3	21.0
67.5°	38.1	37.4	36.7	35.8	34.9	33.7	33.0	31.9	30.5	28.6	27.2
65°	46.9	45.3	44.4	44.2	43.4	41.6	39.7	38.5	37.2	35.4	33.4
62.5°	58.5	57.8	56.1	54.1	52.7	51.4	49.1	46.6	44.3	42.3	40.0
60°	67.9	66.4	64.9	63.1	61.1	59.1	57.2	54.7	51.5	49.0	46.5
57.5°	76.1	74.6	73.6	71.9	69.5	67.5	65.4	62.9	59.8	56.2	52.9
55°	85.4	84.2	83.2	81.6	79.5	76.7	74.0	71.3	67.9	63.5	59.4
52.5°	96.4	94.9	93.4	91.7	89.2	85.8	82.6	79.4	75.4	70.6	65.8
50°	109.2	106.3	103.6	101.4	98.1	94.4	90.6	86.9	82.2	77.3	72.3
47.5°	118.8	116.3	113.4	110.1	106.4	102.4	98.1	93.6	88.7	83.5	78.2
45°	133.2	127.8	122.1	118.5	114.3	110.0	105.4	100.2	94.9	89.4	83.8
42.5°	170.7	150.4	137.2	129.6	122.7	117.8	112.3	106.7	100.9	95.1	89.2
40°	279.9	201.0	174.6	148.9	135.4	126.6	119.4	112.9	106.8	100.6	94.4
37.5°	480.1	368.4	277.3	195.0	164.4	138.5	127.8	119.3	112.3	105.9	99.3
35°	731.7	602.9	453.6	332.0	220.3	172.0	138.8	126.9	118.0	111.1	104.1
32.5°	950.2	824.7	680.5	513.2	359.6	232.1	171.4	137.1	124.3	116.2	108.8
30°	1136.1	1020.1	882.4	715.8	531.9	358.7	219.1	163.1	133.7	121.0	113.3
27.5°	1287.7	1183.6	1054.8	903.3	715.6	512.1	332.4	195.4	147.8	128.3	117.5
25°	1427.0	1317.2	1196.3	1054.9	884.1	678.8	456.4	280.7	175.5	136.1	121.5
22.5°	1559.2	1442.7	1318.4	1181.4	1023.3	827.1	605.4	375.5	203.5	150.2	127.6
20°	1687.1	1558.6	1429.2	1286.8	1129.0	957.9	740.2	489.1	283.3	171.7	133.4
17.5°	1818.1	1671.1	1524.5	1379.6	1219.6	1047.8	845.3	603.4	352.7	191.0	138.4
15°	1942.2	1777.9	1616.2	1456.9	1296.9	1122.8	933.0	705.2	421.6	230.0	152.7
12.5°	2067.7	1876.6	1701.0	1522.4	1361.8	1185.4	995.2	774.7	502.4	277.8	166.9
10°	2181.5	1967.1	1772.4	1583.4	1410.3	1235.3	1045.2	830.5	568.8	317.1	178.5
7.5°	2279.0	2045.9	1831.9	1633.1	1449.2	1276.9	1088.1	875.0	618.9	347.4	187.6
5°	2354.2	2103.4	1877.5	1673.9	1479.4	1305.3	1119.5	907.5	652.6	368.8	194.1
2.5°	2399.5	2138.2	1904.3	1699.2	1498.2	1321.5	1136.1	928.2	674.1	382.5	198.9
0°	2418.9	2148.8	1924.0	1716.3	1505.5	1328.3	1135.7	936.0	681.9	387.6	201.2
-2.5°	2399.5	2138.2	1904.3	1699.2	1498.2	1321.5	1136.1	928.2	674.1	382.5	198.9
-5°	2354.2	2103.4	1877.5	1673.9	1479.4	1305.3	1119.5	907.5	652.6	368.8	194.1
-7.5°	2279.0	2045.9	1831.9	1633.1	1449.2	1276.9	1088.1	875.0	618.9	347.4	187.6
-10°	2181.5	1967.1	1772.4	1583.4	1410.3	1235.3	1045.2	830.5	568.8	317.1	178.5
-12.5°	2067.7	1876.6	1701.0	1522.4	1361.8	1185.4	995.2	774.7	502.4	277.8	166.9
-15°	1942.2	1777.9	1616.2	1456.9	1296.9	1122.8	933.0	705.2	421.6	230.0	152.7
-17.5°	1818.1	1671.1	1524.5	1379.6	1219.6	1047.8	845.3	603.4	352.7	191.0	138.4
-20°	1687.1	1558.6	1429.2	1286.8	1129.0	957.9	740.2	489.1	283.3	171.7	133.4



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1559.2	1442.7	1318.4	1181.4	1023.3	827.1	605.4	375.5	203.5	150.2	127.6
-25°	1427.0	1317.2	1196.3	1054.9	884.1	678.8	456.4	280.7	175.5	136.1	121.5
-27.5°	1287.7	1183.6	1054.8	903.3	715.6	512.1	332.4	195.4	147.8	128.3	117.5
-30°	1136.1	1020.1	882.4	715.8	531.9	358.7	219.1	163.1	133.7	121.0	113.3
-32.5°	950.2	824.7	680.5	513.2	359.6	232.1	171.4	137.1	124.3	116.2	108.8
-35°	731.7	602.9	453.6	332.0	220.3	172.0	138.8	126.9	118.0	111.1	104.1
-37.5°	480.1	368.4	277.3	195.0	164.4	138.5	127.8	119.3	112.3	105.9	99.3
-40°	279.9	201.0	174.6	148.9	135.4	126.6	119.4	112.9	106.8	100.6	94.4
-42.5°	170.7	150.4	137.2	129.6	122.7	117.8	112.3	106.7	100.9	95.1	89.2
-45°	133.2	127.8	122.1	118.5	114.3	110.0	105.4	100.2	94.9	89.4	83.8
-47.5°	118.8	116.3	113.4	110.1	106.4	102.4	98.1	93.6	88.7	83.5	78.2
-50°	109.2	106.3	103.6	101.4	98.1	94.4	90.6	86.9	82.2	77.3	72.3
-52.5°	96.4	94.9	93.4	91.7	89.2	85.8	82.6	79.4	75.4	70.6	65.8
-55°	85.4	84.2	83.2	81.6	79.5	76.7	74.0	71.3	67.9	63.5	59.4
-57.5°	76.1	74.6	73.6	71.9	69.5	67.5	65.4	62.9	59.8	56.2	52.9
-60°	67.9	66.4	64.9	63.1	61.1	59.1	57.2	54.7	51.5	49.0	46.5
-62.5°	58.5	57.8	56.1	54.1	52.7	51.4	49.1	46.6	44.3	42.3	40.0
-65°	46.9	45.3	44.4	44.2	43.4	41.6	39.7	38.5	37.2	35.4	33.4
-67.5°	38.1	37.4	36.7	35.8	34.9	33.7	33.0	31.9	30.5	28.6	27.2
-70°	32.3	31.9	31.3	30.4	29.4	28.4	27.5	26.3	24.5	22.3	21.0
-72.5°	27.2	26.9	26.4	25.7	24.9	24.1	23.0	21.2	19.0	16.4	15.1
-75°	22.4	22.2	21.9	21.3	20.7	20.0	18.8	16.8	14.7	12.5	11.3
-77.5°	17.4	17.3	17.2	16.8	16.3	15.9	15.1	13.1	11.2	9.4	8.5
-80°	11.6	11.8	11.8	11.5	11.3	11.0	10.5	9.1	7.9	6.8	6.0
-82.5°	6.8	6.5	6.3	6.3	6.3	6.3	6.2	5.5	4.8	4.1	3.6
-85°	2.4	2.3	2.2	2.4	2.5	2.7	2.8	2.5	2.2	1.9	1.6
-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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-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°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.6
85°	1.7	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.3
82.5°	3.7	3.8	3.9	3.9	3.6	3.4	3.2	2.9	2.6	2.2	1.9
80°	6.4	6.6	6.6	6.4	5.8	5.2	4.9	4.5	4.1	3.7	3.1
77.5°	9.1	9.5	9.7	9.4	8.6	7.8	6.9	6.2	5.7	5.2	4.5
75°	11.9	12.5	12.9	12.7	11.6	10.2	9.2	8.3	7.7	6.8	6.0
72.5°	15.4	15.7	16.1	16.0	15.1	13.7	12.0	10.4	9.7	8.8	7.6
70°	20.1	19.3	19.1	18.9	18.4	17.4	15.6	13.5	11.8	10.7	9.4
67.5°	25.9	24.7	23.4	22.1	21.5	20.6	19.2	16.8	14.5	12.7	11.2
65°	31.7	30.0	28.5	26.5	25.0	23.8	22.3	19.8	17.1	14.8	13.1
62.5°	37.5	35.1	33.0	30.8	28.7	27.0	25.5	22.6	19.6	16.8	14.7
60°	43.7	40.8	37.6	34.9	32.3	30.0	28.0	25.3	22.1	18.8	16.3
57.5°	49.8	46.5	42.7	39.1	36.1	33.2	30.4	27.7	24.5	20.9	17.6
55°	55.9	52.3	47.7	43.5	39.8	36.5	33.0	29.9	26.8	23.0	18.6
52.5°	61.4	57.5	53.0	47.9	43.5	39.7	35.8	32.1	28.8	25.1	20.0
50°	67.0	62.2	57.8	52.8	47.2	42.8	38.5	34.5	30.7	27.1	21.2
47.5°	72.8	67.2	62.1	57.4	51.6	45.8	41.2	36.8	32.6	28.7	22.3
45°	78.2	72.4	66.5	61.2	55.8	49.2	43.9	39.1	34.6	29.6	23.2
42.5°	83.2	77.2	71.0	64.9	59.2	52.7	46.5	41.4	36.5	30.2	23.9
40°	88.1	81.7	75.3	68.9	62.7	55.8	49.2	43.6	38.2	30.8	24.3
37.5°	92.7	86.0	79.3	72.8	66.2	59.0	51.8	45.7	39.1	31.5	24.6
35°	97.1	90.1	83.3	76.5	69.6	62.3	54.1	47.8	40.3	32.0	24.8
32.5°	101.4	94.0	87.1	80.0	72.7	65.7	56.7	49.6	41.8	32.4	24.9
30°	105.5	97.9	90.6	83.4	75.7	68.4	59.7	51.5	43.6	32.7	24.9
27.5°	109.5	101.5	93.9	86.5	78.7	70.9	62.5	53.3	45.6	33.4	25.0
25°	113.1	104.9	97.0	89.3	81.4	73.4	65.2	55.0	47.2	34.7	25.1
22.5°	116.5	107.9	99.8	91.9	84.1	75.7	67.4	57.2	48.6	36.1	25.1
20°	119.5	110.7	102.4	94.6	86.5	78.0	69.3	59.2	49.9	37.5	24.9
17.5°	122.6	113.5	105.4	97.2	88.8	80.0	71.0	61.0	51.0	38.9	24.7
15°	127.4	116.5	108.1	99.7	90.8	81.8	72.6	62.5	52.1	40.3	24.6
12.5°	131.8	119.3	110.5	101.9	92.7	83.4	74.1	63.8	53.1	41.2	24.7
10°	135.4	121.7	112.7	104.0	94.4	84.8	75.4	65.0	53.9	41.6	24.6
7.5°	138.4	123.7	114.6	105.8	96.0	86.1	76.5	65.9	54.7	41.6	24.4
5°	141.0	126.0	116.9	107.8	97.9	87.4	77.5	66.7	55.4	41.3	24.1
2.5°	143.9	128.7	119.5	109.5	99.5	88.5	78.3	67.1	56.0	40.8	23.7
0°	146.2	131.1	121.8	111.0	100.8	89.3	78.8	67.4	56.3	39.9	23.2
-2.5°	143.9	128.7	119.5	109.5	99.5	88.5	78.3	67.1	56.0	40.8	23.7
-5°	141.0	126.0	116.9	107.8	97.9	87.4	77.5	66.7	55.4	41.3	24.1
-7.5°	138.4	123.7	114.6	105.8	96.0	86.1	76.5	65.9	54.7	41.6	24.4
-10°	135.4	121.7	112.7	104.0	94.4	84.8	75.4	65.0	53.9	41.6	24.6
-12.5°	131.8	119.3	110.5	101.9	92.7	83.4	74.1	63.8	53.1	41.2	24.7
-15°	127.4	116.5	108.1	99.7	90.8	81.8	72.6	62.5	52.1	40.3	24.6
-17.5°	122.6	113.5	105.4	97.2	88.8	80.0	71.0	61.0	51.0	38.9	24.7
-20°	119.5	110.7	102.4	94.6	86.5	78.0	69.3	59.2	49.9	37.5	24.9



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	116.5	107.9	99.8	91.9	84.1	75.7	67.4	57.2	48.6	36.1	25.1
-25°	113.1	104.9	97.0	89.3	81.4	73.4	65.2	55.0	47.2	34.7	25.1
-27.5°	109.5	101.5	93.9	86.5	78.7	70.9	62.5	53.3	45.6	33.4	25.0
-30°	105.5	97.9	90.6	83.4	75.7	68.4	59.7	51.5	43.6	32.7	24.9
-32.5°	101.4	94.0	87.1	80.0	72.7	65.7	56.7	49.6	41.8	32.4	24.9
-35°	97.1	90.1	83.3	76.5	69.6	62.3	54.1	47.8	40.3	32.0	24.8
-37.5°	92.7	86.0	79.3	72.8	66.2	59.0	51.8	45.7	39.1	31.5	24.6
-40°	88.1	81.7	75.3	68.9	62.7	55.8	49.2	43.6	38.2	30.8	24.3
-42.5°	83.2	77.2	71.0	64.9	59.2	52.7	46.5	41.4	36.5	30.2	23.9
-45°	78.2	72.4	66.5	61.2	55.8	49.2	43.9	39.1	34.6	29.6	23.2
-47.5°	72.8	67.2	62.1	57.4	51.6	45.8	41.2	36.8	32.6	28.7	22.3
-50°	67.0	62.2	57.8	52.8	47.2	42.8	38.5	34.5	30.7	27.1	21.2
-52.5°	61.4	57.5	53.0	47.9	43.5	39.7	35.8	32.1	28.8	25.1	20.0
-55°	55.9	52.3	47.7	43.5	39.8	36.5	33.0	29.9	26.8	23.0	18.6
-57.5°	49.8	46.5	42.7	39.1	36.1	33.2	30.4	27.7	24.5	20.9	17.6
-60°	43.7	40.8	37.6	34.9	32.3	30.0	28.0	25.3	22.1	18.8	16.3
-62.5°	37.5	35.1	33.0	30.8	28.7	27.0	25.5	22.6	19.6	16.8	14.7
-65°	31.7	30.0	28.5	26.5	25.0	23.8	22.3	19.8	17.1	14.8	13.1
-67.5°	25.9	24.7	23.4	22.1	21.5	20.6	19.2	16.8	14.5	12.7	11.2
-70°	20.1	19.3	19.1	18.9	18.4	17.4	15.6	13.5	11.8	10.7	9.4
-72.5°	15.4	15.7	16.1	16.0	15.1	13.7	12.0	10.4	9.7	8.8	7.6
-75°	11.9	12.5	12.9	12.7	11.6	10.2	9.2	8.3	7.7	6.8	6.0
-77.5°	9.1	9.5	9.7	9.4	8.6	7.8	6.9	6.2	5.7	5.2	4.5
-80°	6.4	6.6	6.6	6.4	5.8	5.2	4.9	4.5	4.1	3.7	3.1
-82.5°	3.7	3.8	3.9	3.9	3.6	3.4	3.2	2.9	2.6	2.2	1.9
-85°	1.7	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.3
-87.5°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7	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: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-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	0.4	0.3	0.2	0.1	0.1	0.0
85°	1.1	0.9	0.6	0.4	0.3	0.1	0.0
82.5°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
80°	2.3	1.7	1.3	0.9	0.5	0.3	0.0
77.5°	3.6	2.4	1.6	1.1	0.6	0.3	0.0
75°	4.9	3.4	2.0	1.3	0.8	0.4	0.0
72.5°	6.2	4.3	2.7	1.5	0.9	0.5	0.0
70°	7.4	5.3	3.4	1.7	1.0	0.5	0.0
67.5°	8.9	6.2	4.1	2.2	1.1	0.6	0.0
65°	10.3	7.2	4.8	2.7	1.3	0.6	0.0
62.5°	11.6	8.2	5.4	3.2	1.4	0.7	0.0
60°	12.9	9.2	6.0	3.6	1.5	0.7	0.0
57.5°	13.8	10.2	6.7	4.0	1.8	0.8	0.0
55°	14.5	11.1	7.4	4.4	2.0	0.9	0.0
52.5°	15.2	11.8	8.0	4.8	2.3	0.9	0.0
50°	15.7	12.2	8.6	5.2	2.6	1.0	0.0
47.5°	16.2	12.5	9.2	5.5	2.8	1.0	0.0
45°	16.9	12.7	9.7	5.9	3.0	1.1	0.0
42.5°	17.6	12.9	10.1	6.2	3.2	1.1	0.0
40°	18.1	13.0	10.3	6.6	3.4	1.1	0.0
37.5°	18.5	13.0	10.4	6.9	3.6	1.2	0.0
35°	18.8	13.1	10.3	7.3	3.8	1.2	0.0
32.5°	19.0	13.3	10.3	7.6	4.0	1.3	0.0
30°	19.0	13.4	10.2	8.0	4.1	1.3	0.0
27.5°	18.9	13.5	10.3	8.3	4.3	1.3	0.0
25°	18.7	13.4	10.4	8.6	4.4	1.4	0.0
22.5°	18.4	13.4	10.5	8.9	4.5	1.4	0.0
20°	18.0	13.8	10.6	9.1	4.6	1.4	0.0
17.5°	18.0	14.1	10.6	9.4	4.7	1.4	0.0
15°	18.3	14.4	10.7	9.6	4.8	1.4	0.0
12.5°	18.5	14.6	10.7	9.8	4.8	1.5	0.0
10°	18.7	14.8	10.8	10.0	4.9	1.5	0.0
7.5°	18.8	14.9	10.8	10.2	4.9	1.5	0.0
5°	18.9	15.0	10.8	10.3	4.9	1.5	0.0
2.5°	18.9	15.1	10.8	10.4	4.9	1.5	0.0
0°	18.9	15.1	10.8	10.5	4.9	1.5	0.0
-2.5°	18.9	15.1	10.8	10.4	4.9	1.5	0.0
-5°	18.9	15.0	10.8	10.3	4.9	1.5	0.0
-7.5°	18.8	14.9	10.8	10.2	4.9	1.5	0.0
-10°	18.7	14.8	10.8	10.0	4.9	1.5	0.0
-12.5°	18.5	14.6	10.7	9.8	4.8	1.5	0.0
-15°	18.3	14.4	10.7	9.6	4.8	1.4	0.0
-17.5°	18.0	14.1	10.6	9.4	4.7	1.4	0.0
-20°	18.0	13.8	10.6	9.1	4.6	1.4	0.0



REPORT NUMBER: P558501 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.4	13.4	10.5	8.9	4.5	1.4	0.0
-25°	18.7	13.4	10.4	8.6	4.4	1.4	0.0
-27.5°	18.9	13.5	10.3	8.3	4.3	1.3	0.0
-30°	19.0	13.4	10.2	8.0	4.1	1.3	0.0
-32.5°	19.0	13.3	10.3	7.6	4.0	1.3	0.0
-35°	18.8	13.1	10.3	7.3	3.8	1.2	0.0
-37.5°	18.5	13.0	10.4	6.9	3.6	1.2	0.0
-40°	18.1	13.0	10.3	6.6	3.4	1.1	0.0
-42.5°	17.6	12.9	10.1	6.2	3.2	1.1	0.0
-45°	16.9	12.7	9.7	5.9	3.0	1.1	0.0
-47.5°	16.2	12.5	9.2	5.5	2.8	1.0	0.0
-50°	15.7	12.2	8.6	5.2	2.6	1.0	0.0
-52.5°	15.2	11.8	8.0	4.8	2.3	0.9	0.0
-55°	14.5	11.1	7.4	4.4	2.0	0.9	0.0
-57.5°	13.8	10.2	6.7	4.0	1.8	0.8	0.0
-60°	12.9	9.2	6.0	3.6	1.5	0.7	0.0
-62.5°	11.6	8.2	5.4	3.2	1.4	0.7	0.0
-65°	10.3	7.2	4.8	2.7	1.3	0.6	0.0
-67.5°	8.9	6.2	4.1	2.2	1.1	0.6	0.0
-70°	7.4	5.3	3.4	1.7	1.0	0.5	0.0
-72.5°	6.2	4.3	2.7	1.5	0.9	0.5	0.0
-75°	4.9	3.4	2.0	1.3	0.8	0.4	0.0
-77.5°	3.6	2.4	1.6	1.1	0.6	0.3	0.0
-80°	2.3	1.7	1.3	0.9	0.5	0.3	0.0
-82.5°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
-85°	1.1	0.9	0.6	0.4	0.3	0.1	0.0
-87.5°	0.6	0.4	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)