

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: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558565 (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-SA1D-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

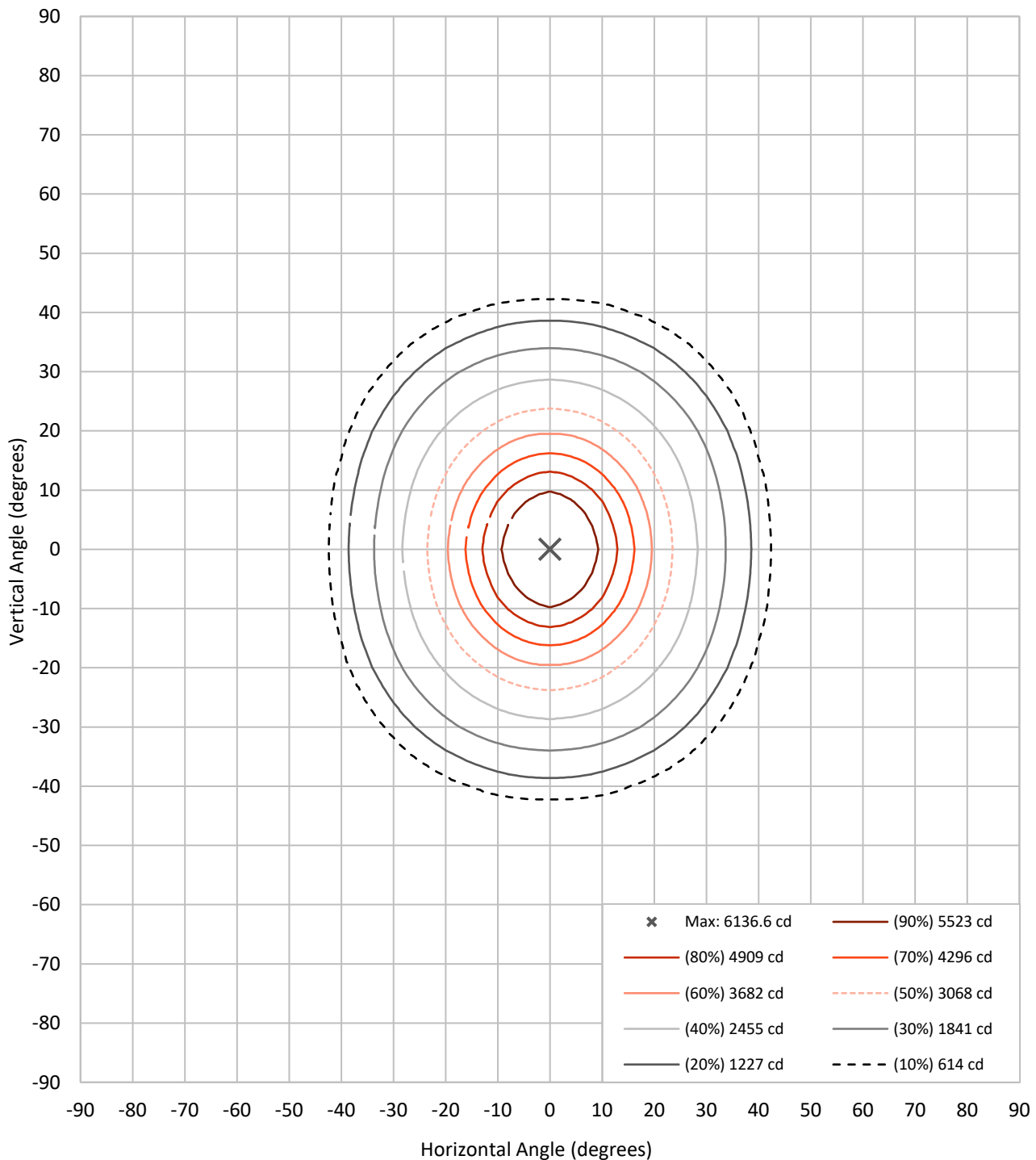
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4777.1 lumens	Max Intensity:	6136.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2254.1 lumens	Field Lumens:	4337.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

Iso-Candela Plot





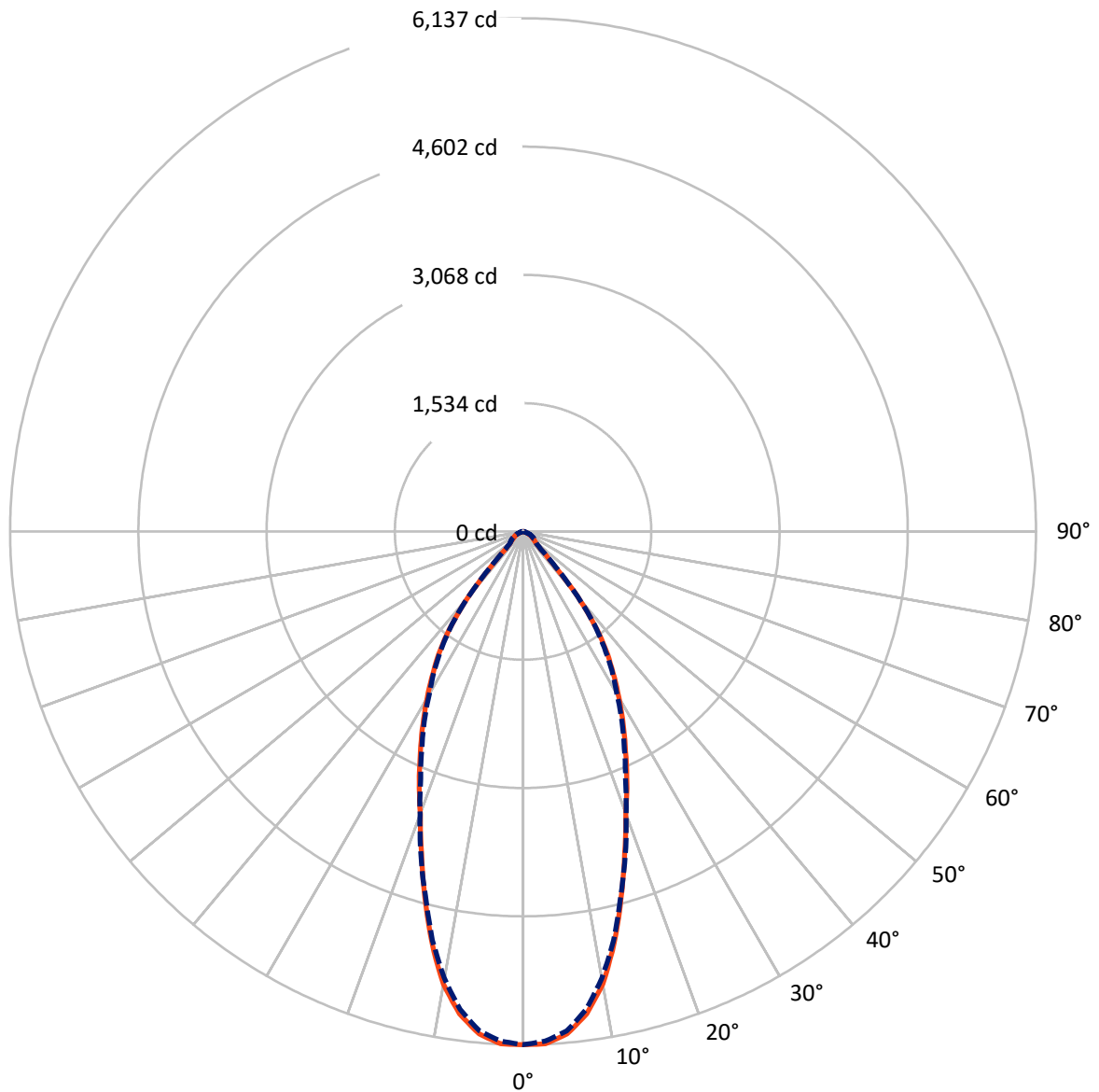
REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

Lumen Table

90	0.1	0.6	1.3	2.2	1.7	2.2	1.3	0.6	0.1							
80	0.1	0.6	1.3	2.2	1.7	2.2	1.3	0.6	0.1							
70	0.3	0.4	0.7	1.1	1.5	1.9	2.2	2.4	2.4	2.2	1.9	1.5	1.1	0.7	0.4	0.3
60		0.6	1.1	1.9	2.7	3.4	3.9	4.3	4.3	3.9	3.4	2.7	1.9	1.1	0.6	
50	0.5	0.8	1.6	2.7	3.9	5.4	8.5	11.9	11.9	8.5	5.4	3.9	2.7	1.6	0.8	0.5
40		0.9	2.0	3.3	6.3	20.1	39.2	49.9	49.9	39.2	20.1	6.3	3.3	2.0	0.9	
30	0.6	1.1	2.3	4.2	18.4	48.1	71.0	85.9	85.9	71.0	48.1	18.4	4.2	2.3	1.1	0.6
20		1.2	2.6	6.4	33.5	66.4	100.9	131.3	131.3	100.9	66.4	33.5	6.4	2.6	1.2	
10	0.6	1.3	2.8	8.9	40.8	77.5	126.9	171.6	171.6	126.9	77.5	40.8	8.9	2.8	1.3	0.6
0		1.3	2.8	8.9	40.8	77.5	126.9	171.6	171.6	126.9	77.5	40.8	8.9	2.8	1.3	
-10	0.6	1.2	2.6	6.4	33.5	66.4	100.9	131.3	131.3	100.9	66.4	33.5	6.4	2.6	1.2	0.6
-20		1.1	2.3	4.2	18.4	48.1	71.0	85.9	85.9	71.0	48.1	18.4	4.2	2.3	1.1	
-30	0.5	0.9	2.0	3.3	6.3	20.1	39.2	49.9	49.9	39.2	20.1	6.3	3.3	2.0	0.9	0.5
-40		0.8	1.6	2.7	3.9	5.4	8.5	11.9	11.9	8.5	5.4	3.9	2.7	1.6	0.8	
-50	0.3	0.6	1.1	1.9	2.7	3.4	3.9	4.3	4.3	3.9	3.4	2.7	1.9	1.1	0.6	0.3
-60		0.4	0.7	1.1	1.5	1.9	2.2	2.4	2.4	2.2	1.9	1.5	1.1	0.7	0.4	
-70	0.1	0.6	1.3	2.2	1.7	2.2	1.3	0.6	0.1							
-80		0.1	0.6	1.3	2.2	1.7	2.2	1.3	0.6	0.1						
-90	0.1	0.6	1.3	2.2	1.7	2.2	1.3	0.6	0.1							

REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

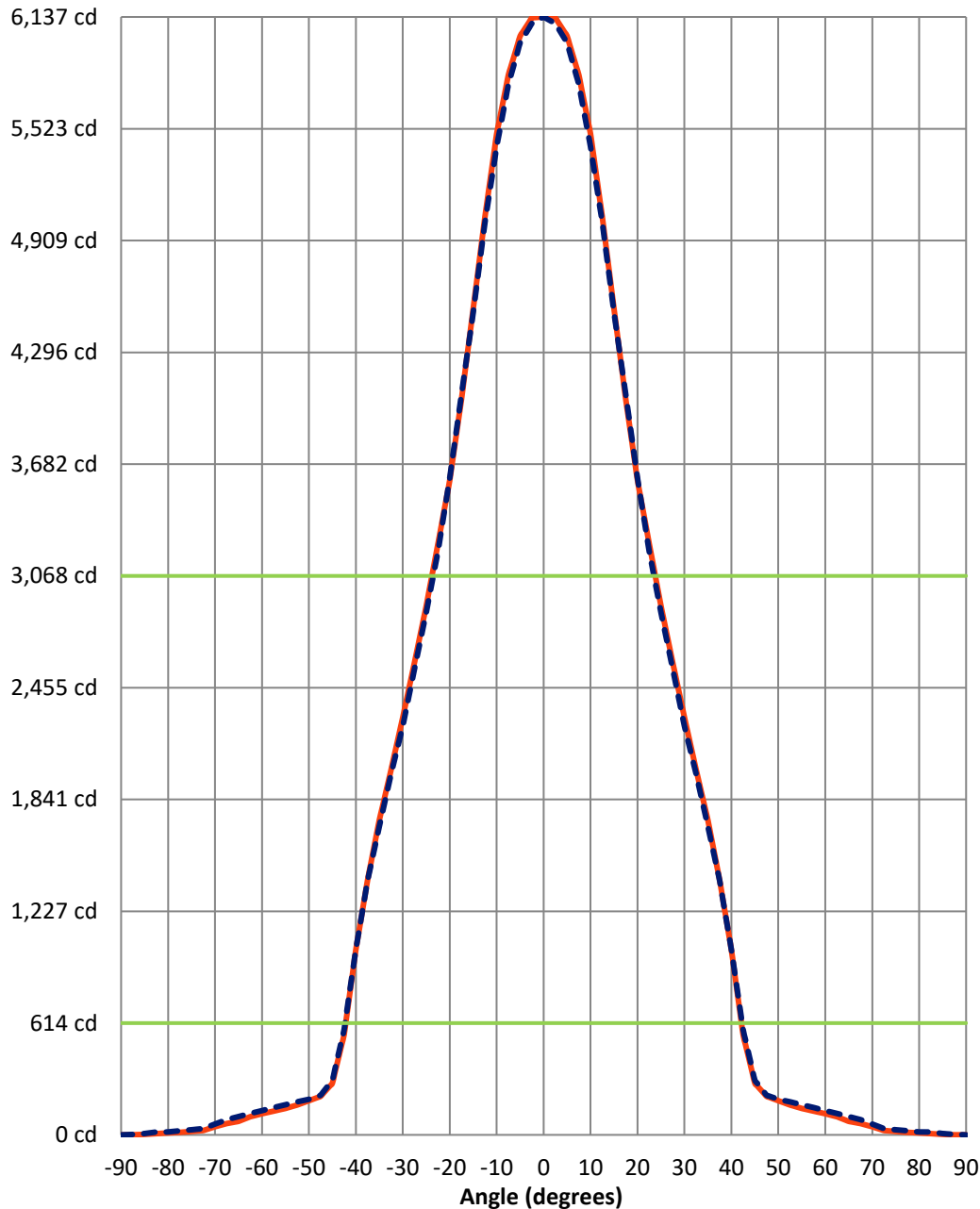
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 2254.1
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 4337.6
Efficiency: 90.8%

Spill:
Lumens: 439.5
Efficiency: 9.2%

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



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-MWR-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	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.1	2.2	2.4
82.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.2	3.8	4.3
80°	0.0	0.4	0.8	1.3	1.9	2.5	3.4	4.6	5.5	6.1	6.6
77.5°	0.0	0.5	1.0	1.6	2.4	3.5	5.4	6.8	7.8	8.5	9.2
75°	0.0	0.6	1.2	1.9	2.9	5.0	7.3	9.0	10.1	11.4	12.4
72.5°	0.0	0.7	1.4	2.2	4.0	6.5	9.2	11.3	13.1	14.5	15.6
70°	0.0	0.8	1.6	2.6	5.1	7.9	11.1	14.0	16.0	17.7	20.2
67.5°	0.0	0.9	1.8	3.3	6.1	9.3	13.3	16.8	19.0	21.6	25.0
65°	0.0	1.0	1.9	4.0	7.1	10.7	15.4	19.5	22.1	25.4	29.4
62.5°	0.0	1.1	2.1	4.7	8.1	12.3	17.3	22.0	25.1	29.1	33.6
60°	0.0	1.1	2.3	5.3	9.0	13.8	19.2	24.2	27.9	32.8	37.7
57.5°	0.0	1.2	2.7	6.0	10.0	15.2	20.5	26.3	31.1	36.5	41.3
55°	0.0	1.3	3.1	6.5	11.0	16.5	21.6	27.7	34.3	39.9	44.5
52.5°	0.0	1.4	3.5	7.1	11.9	17.6	22.6	29.7	37.4	42.8	47.8
50°	0.0	1.5	3.8	7.6	12.8	18.2	23.4	31.6	40.3	45.7	51.3
47.5°	0.0	1.6	4.2	8.1	13.6	18.6	24.1	33.2	42.8	48.5	54.8
45°	0.0	1.6	4.5	8.7	14.4	19.0	25.2	34.6	44.0	51.5	58.2
42.5°	0.0	1.7	4.8	9.2	15.0	19.2	26.2	35.6	45.0	54.4	61.6
40°	0.0	1.8	5.1	9.7	15.4	19.3	27.0	36.2	45.9	57.0	65.0
37.5°	0.0	1.8	5.4	10.3	15.4	19.3	27.7	36.7	46.8	58.2	68.1
35°	0.0	1.9	5.7	10.8	15.4	19.5	28.1	36.9	47.6	60.1	71.2
32.5°	0.0	1.9	5.9	11.3	15.3	19.9	28.3	37.0	48.3	62.3	73.9
30°	0.0	2.0	6.2	11.8	15.2	20.0	28.3	37.0	48.8	64.9	76.7
27.5°	0.0	2.0	6.4	12.3	15.3	20.1	28.1	37.2	49.7	67.9	79.4
25°	0.0	2.1	6.6	12.8	15.5	20.0	27.8	37.4	51.7	70.4	82.0
22.5°	0.0	2.1	6.8	13.2	15.6	20.1	27.4	37.3	53.8	72.4	85.3
20°	0.0	2.2	6.9	13.6	15.8	20.6	26.8	37.1	55.9	74.3	88.2
17.5°	0.0	2.2	7.0	14.0	15.9	21.1	26.9	36.7	58.0	76.1	90.8
15°	0.0	2.2	7.1	14.4	15.9	21.5	27.3	36.6	60.0	77.7	93.2
12.5°	0.0	2.2	7.2	14.7	16.0	21.8	27.6	36.8	61.4	79.2	95.1
10°	0.0	2.3	7.3	15.0	16.0	22.1	27.8	36.7	62.0	80.4	96.8
7.5°	0.0	2.3	7.4	15.2	16.1	22.3	28.0	36.4	62.0	81.5	98.2
5°	0.0	2.3	7.4	15.4	16.1	22.5	28.1	36.0	61.6	82.5	99.3
2.5°	0.0	2.3	7.4	15.6	16.1	22.6	28.1	35.3	60.7	83.3	100.0
0°	0.0	2.3	7.4	15.7	16.1	22.6	28.1	34.6	59.4	83.8	100.4
-2.5°	0.0	2.3	7.4	15.6	16.1	22.6	28.1	35.3	60.7	83.3	100.0
-5°	0.0	2.3	7.4	15.4	16.1	22.5	28.1	36.0	61.6	82.5	99.3
-7.5°	0.0	2.3	7.4	15.2	16.1	22.3	28.0	36.4	62.0	81.5	98.2
-10°	0.0	2.3	7.3	15.0	16.0	22.1	27.8	36.7	62.0	80.4	96.8
-12.5°	0.0	2.2	7.2	14.7	16.0	21.8	27.6	36.8	61.4	79.2	95.1
-15°	0.0	2.2	7.1	14.4	15.9	21.5	27.3	36.6	60.0	77.7	93.2
-17.5°	0.0	2.2	7.0	14.0	15.9	21.1	26.9	36.7	58.0	76.1	90.8
-20°	0.0	2.2	6.9	13.6	15.8	20.6	26.8	37.1	55.9	74.3	88.2



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	2.1	6.8	13.2	15.6	20.1	27.4	37.3	53.8	72.4	85.3
-25°	0.0	2.1	6.6	12.8	15.5	20.0	27.8	37.4	51.7	70.4	82.0
-27.5°	0.0	2.0	6.4	12.3	15.3	20.1	28.1	37.2	49.7	67.9	79.4
-30°	0.0	2.0	6.2	11.8	15.2	20.0	28.3	37.0	48.8	64.9	76.7
-32.5°	0.0	1.9	5.9	11.3	15.3	19.9	28.3	37.0	48.3	62.3	73.9
-35°	0.0	1.9	5.7	10.8	15.4	19.5	28.1	36.9	47.6	60.1	71.2
-37.5°	0.0	1.8	5.4	10.3	15.4	19.3	27.7	36.7	46.8	58.2	68.1
-40°	0.0	1.8	5.1	9.7	15.4	19.3	27.0	36.2	45.9	57.0	65.0
-42.5°	0.0	1.7	4.8	9.2	15.0	19.2	26.2	35.6	45.0	54.4	61.6
-45°	0.0	1.6	4.5	8.7	14.4	19.0	25.2	34.6	44.0	51.5	58.2
-47.5°	0.0	1.6	4.2	8.1	13.6	18.6	24.1	33.2	42.8	48.5	54.8
-50°	0.0	1.5	3.8	7.6	12.8	18.2	23.4	31.6	40.3	45.7	51.3
-52.5°	0.0	1.4	3.5	7.1	11.9	17.6	22.6	29.7	37.4	42.8	47.8
-55°	0.0	1.3	3.1	6.5	11.0	16.5	21.6	27.7	34.3	39.9	44.5
-57.5°	0.0	1.2	2.7	6.0	10.0	15.2	20.5	26.3	31.1	36.5	41.3
-60°	0.0	1.1	2.3	5.3	9.0	13.8	19.2	24.2	27.9	32.8	37.7
-62.5°	0.0	1.1	2.1	4.7	8.1	12.3	17.3	22.0	25.1	29.1	33.6
-65°	0.0	1.0	1.9	4.0	7.1	10.7	15.4	19.5	22.1	25.4	29.4
-67.5°	0.0	0.9	1.8	3.3	6.1	9.3	13.3	16.8	19.0	21.6	25.0
-70°	0.0	0.8	1.6	2.6	5.1	7.9	11.1	14.0	16.0	17.7	20.2
-72.5°	0.0	0.7	1.4	2.2	4.0	6.5	9.2	11.3	13.1	14.5	15.6
-75°	0.0	0.6	1.2	1.9	2.9	5.0	7.3	9.0	10.1	11.4	12.4
-77.5°	0.0	0.5	1.0	1.6	2.4	3.5	5.4	6.8	7.8	8.5	9.2
-80°	0.0	0.4	0.8	1.3	1.9	2.5	3.4	4.6	5.5	6.1	6.6
-82.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.2	3.8	4.3
-85°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.1	2.2	2.4
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.6	0.7	0.7	0.7
85°	2.4	2.3	2.5	2.6	2.7	2.7	2.6	2.4	2.8	3.2	3.7
82.5°	4.7	5.1	5.5	5.8	5.9	5.7	5.5	5.3	6.1	7.1	8.2
80°	7.2	7.8	8.7	9.7	9.9	9.8	9.5	9.0	10.1	11.8	13.6
77.5°	10.3	11.6	12.8	14.1	14.4	14.2	13.6	12.6	14.0	16.7	19.6
75°	13.7	15.3	17.3	18.8	19.2	18.6	17.7	16.9	18.6	21.9	25.1
72.5°	17.9	20.5	22.5	23.8	23.9	23.4	23.0	22.5	24.5	28.4	31.6
70°	23.2	25.8	27.4	28.2	28.4	28.7	30.0	31.2	33.2	36.5	39.2
67.5°	28.5	30.6	32.0	33.0	34.9	36.8	38.6	40.5	42.6	45.5	47.5
65°	33.2	35.4	37.2	39.6	42.4	44.7	47.2	49.8	52.7	55.4	57.3
62.5°	37.9	40.2	42.8	45.9	49.3	52.3	55.9	59.5	63.0	66.0	69.4
60°	41.8	44.8	48.2	52.0	56.1	60.7	65.0	69.2	73.0	76.8	81.5
57.5°	45.4	49.5	53.7	58.3	63.6	69.3	74.3	78.8	83.7	89.2	93.7
55°	49.2	54.4	59.2	64.7	71.0	77.9	83.4	88.6	94.6	101.1	106.2
52.5°	53.4	59.0	64.7	71.4	79.0	85.8	91.5	98.0	105.3	112.4	118.3
50°	57.4	63.6	70.2	78.6	86.2	92.7	99.9	107.7	115.2	122.6	129.6
47.5°	61.4	68.1	76.9	85.5	92.6	100.2	108.5	116.6	124.5	132.1	139.5
45°	65.4	73.3	83.1	91.2	99.1	107.9	116.5	124.9	133.2	141.3	149.4
42.5°	69.2	78.5	88.2	96.8	105.9	115.0	124.0	132.9	141.7	150.4	158.9
40°	73.3	83.1	93.4	102.7	112.2	121.8	131.2	140.6	149.9	159.1	168.2
37.5°	77.2	88.0	98.7	108.5	118.2	128.2	138.1	148.1	157.9	167.5	177.8
35°	80.6	92.9	103.7	114.0	124.1	134.2	144.7	155.2	165.5	176.0	189.1
32.5°	84.5	97.8	108.4	119.2	129.8	140.2	151.1	162.2	173.2	185.3	204.2
30°	88.9	101.9	112.9	124.2	135.0	146.0	157.3	168.8	180.4	199.3	243.0
27.5°	93.1	105.7	117.3	128.8	140.0	151.4	163.1	175.2	191.3	220.3	291.3
25°	97.1	109.4	121.3	133.0	144.6	156.4	168.6	181.0	202.9	261.6	418.3
22.5°	100.4	112.9	125.3	136.9	148.7	160.9	173.6	190.2	224.0	303.3	559.7
20°	103.2	116.2	128.9	141.0	152.6	164.9	178.1	198.8	255.9	422.3	729.0
17.5°	105.8	119.2	132.2	144.9	157.1	169.2	182.7	206.3	284.6	525.7	899.3
15°	108.2	121.9	135.4	148.5	161.1	173.7	189.9	227.6	342.8	628.3	1051.0
12.5°	110.4	124.3	138.2	151.9	164.8	177.8	196.4	248.7	414.0	748.7	1154.5
10°	112.3	126.4	140.7	155.0	168.0	181.3	201.9	266.0	472.6	847.8	1237.7
7.5°	114.1	128.4	143.1	157.7	170.7	184.4	206.3	279.6	517.8	922.4	1304.1
5°	115.6	130.3	145.8	160.6	174.2	187.7	210.2	289.3	549.6	972.7	1352.4
2.5°	116.7	131.9	148.2	163.2	178.1	191.8	214.5	296.5	570.1	1004.6	1383.4
0°	117.5	133.1	150.2	165.4	181.5	195.3	217.9	299.9	577.7	1016.3	1395.0
-2.5°	116.7	131.9	148.2	163.2	178.1	191.8	214.5	296.5	570.1	1004.6	1383.4
-5°	115.6	130.3	145.8	160.6	174.2	187.7	210.2	289.3	549.6	972.7	1352.4
-7.5°	114.1	128.4	143.1	157.7	170.7	184.4	206.3	279.6	517.8	922.4	1304.1
-10°	112.3	126.4	140.7	155.0	168.0	181.3	201.9	266.0	472.6	847.8	1237.7
-12.5°	110.4	124.3	138.2	151.9	164.8	177.8	196.4	248.7	414.0	748.7	1154.5
-15°	108.2	121.9	135.4	148.5	161.1	173.7	189.9	227.6	342.8	628.3	1051.0
-17.5°	105.8	119.2	132.2	144.9	157.1	169.2	182.7	206.3	284.6	525.7	899.3
-20°	103.2	116.2	128.9	141.0	152.6	164.9	178.1	198.8	255.9	422.3	729.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	100.4	112.9	125.3	136.9	148.7	160.9	173.6	190.2	224.0	303.3	559.7
-25°	97.1	109.4	121.3	133.0	144.6	156.4	168.6	181.0	202.9	261.6	418.3
-27.5°	93.1	105.7	117.3	128.8	140.0	151.4	163.1	175.2	191.3	220.3	291.3
-30°	88.9	101.9	112.9	124.2	135.0	146.0	157.3	168.8	180.4	199.3	243.0
-32.5°	84.5	97.8	108.4	119.2	129.8	140.2	151.1	162.2	173.2	185.3	204.2
-35°	80.6	92.9	103.7	114.0	124.1	134.2	144.7	155.2	165.5	176.0	189.1
-37.5°	77.2	88.0	98.7	108.5	118.2	128.2	138.1	148.1	157.9	167.5	177.8
-40°	73.3	83.1	93.4	102.7	112.2	121.8	131.2	140.6	149.9	159.1	168.2
-42.5°	69.2	78.5	88.2	96.8	105.9	115.0	124.0	132.9	141.7	150.4	158.9
-45°	65.4	73.3	83.1	91.2	99.1	107.9	116.5	124.9	133.2	141.3	149.4
-47.5°	61.4	68.1	76.9	85.5	92.6	100.2	108.5	116.6	124.5	132.1	139.5
-50°	57.4	63.6	70.2	78.6	86.2	92.7	99.9	107.7	115.2	122.6	129.6
-52.5°	53.4	59.0	64.7	71.4	79.0	85.8	91.5	98.0	105.3	112.4	118.3
-55°	49.2	54.4	59.2	64.7	71.0	77.9	83.4	88.6	94.6	101.1	106.2
-57.5°	45.4	49.5	53.7	58.3	63.6	69.3	74.3	78.8	83.7	89.2	93.7
-60°	41.8	44.8	48.2	52.0	56.1	60.7	65.0	69.2	73.0	76.8	81.5
-62.5°	37.9	40.2	42.8	45.9	49.3	52.3	55.9	59.5	63.0	66.0	69.4
-65°	33.2	35.4	37.2	39.6	42.4	44.7	47.2	49.8	52.7	55.4	57.3
-67.5°	28.5	30.6	32.0	33.0	34.9	36.8	38.6	40.5	42.6	45.5	47.5
-70°	23.2	25.8	27.4	28.2	28.4	28.7	30.0	31.2	33.2	36.5	39.2
-72.5°	17.9	20.5	22.5	23.8	23.9	23.4	23.0	22.5	24.5	28.4	31.6
-75°	13.7	15.3	17.3	18.8	19.2	18.6	17.7	16.9	18.6	21.9	25.1
-77.5°	10.3	11.6	12.8	14.1	14.4	14.2	13.6	12.6	14.0	16.7	19.6
-80°	7.2	7.8	8.7	9.7	9.9	9.8	9.5	9.0	10.1	11.8	13.6
-82.5°	4.7	5.1	5.5	5.8	5.9	5.7	5.5	5.3	6.1	7.1	8.2
-85°	2.4	2.3	2.5	2.6	2.7	2.7	2.6	2.4	2.8	3.2	3.7
-87.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.6	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7
85°	4.1	4.0	3.8	3.5	3.2	3.4	3.5	3.7	3.9	3.6	3.4
82.5°	9.3	9.4	9.4	9.4	9.3	9.7	10.1	10.5	10.7	9.9	9.0
80°	15.7	16.4	16.9	17.2	17.6	17.6	17.3	16.9	16.3	14.9	13.4
77.5°	22.7	23.8	24.4	25.0	25.6	25.8	25.9	26.1	26.2	23.8	20.7
75°	28.1	29.8	30.8	31.8	32.7	33.2	33.4	33.6	33.6	30.7	26.9
72.5°	34.3	36.0	37.2	38.4	39.4	40.1	40.5	40.8	41.0	38.5	34.9
70°	41.1	42.4	43.9	45.3	46.6	47.5	48.1	48.6	48.9	48.7	48.5
67.5°	49.1	50.3	52.1	53.4	54.8	55.8	56.8	57.7	58.3	58.9	59.7
65°	59.2	62.0	64.6	65.9	66.1	67.5	69.9	71.4	72.1	72.7	73.5
62.5°	73.2	76.7	78.5	80.7	83.5	86.2	87.2	88.5	90.2	92.1	94.4
60°	85.2	88.0	91.0	94.1	96.7	98.9	101.2	103.6	105.8	107.7	109.6
57.5°	97.5	100.7	103.7	107.2	109.7	111.2	113.5	116.3	118.5	120.2	122.8
55°	110.3	114.3	118.4	121.6	124.0	125.5	127.3	130.0	131.6	132.2	135.2
52.5°	123.1	127.9	132.9	136.7	139.2	141.5	143.7	146.0	147.6	148.4	151.4
50°	135.0	140.7	146.3	151.2	154.5	158.4	162.7	164.9	166.3	167.8	171.1
47.5°	146.3	152.6	158.6	164.2	169.0	173.3	177.0	180.7	186.0	190.3	194.5
45°	157.1	163.9	170.4	176.7	182.0	190.5	198.5	205.5	223.8	239.3	251.1
42.5°	167.3	175.5	182.8	193.2	204.5	224.1	254.4	282.4	336.7	406.5	464.8
40°	177.9	188.6	201.7	221.9	260.2	299.6	417.1	521.9	624.9	742.1	842.6
37.5°	190.4	206.4	244.9	290.6	413.3	548.9	715.5	879.1	1021.5	1143.4	1245.1
35°	206.9	256.4	328.3	494.8	676.0	898.4	1090.4	1244.3	1385.0	1497.9	1582.9
32.5°	255.4	346.0	536.0	764.9	1014.2	1229.1	1416.1	1563.4	1691.8	1793.0	1871.7
30°	326.5	534.6	792.7	1066.9	1315.1	1520.3	1693.1	1833.5	1948.1	2051.0	2137.5
27.5°	495.4	763.2	1066.5	1346.2	1571.9	1764.0	1919.1	2058.2	2184.5	2293.0	2395.1
25°	680.2	1011.7	1317.7	1572.2	1782.9	1963.1	2126.7	2278.8	2420.2	2547.1	2666.0
22.5°	902.2	1232.8	1525.2	1760.7	1964.9	2150.1	2323.8	2493.1	2657.7	2812.5	2956.4
20°	1103.1	1427.6	1682.6	1917.8	2130.0	2322.9	2514.3	2711.6	2901.6	3088.1	3261.4
17.5°	1259.7	1561.6	1817.5	2056.0	2272.0	2490.4	2709.5	2936.1	3165.3	3381.9	3589.1
15°	1390.5	1673.3	1932.7	2171.2	2408.6	2649.7	2894.4	3161.4	3434.0	3693.3	3957.3
12.5°	1483.2	1766.6	2029.6	2268.9	2535.1	2796.8	3081.7	3386.0	3700.7	4002.7	4327.1
10°	1557.7	1841.0	2101.8	2359.8	2641.5	2931.7	3251.2	3586.3	3962.0	4319.6	4669.1
7.5°	1621.6	1903.1	2159.8	2434.0	2730.1	3049.0	3396.5	3775.4	4181.9	4579.8	4995.9
5°	1668.4	1945.4	2204.9	2494.7	2798.2	3134.7	3508.6	3913.5	4349.4	4785.4	5196.9
2.5°	1693.2	1969.5	2232.9	2532.4	2838.1	3186.7	3576.1	4005.2	4465.6	4941.4	5347.1
0°	1692.6	1979.7	2243.7	2557.9	2867.5	3202.4	3605.1	4063.9	4513.1	5007.5	5423.9
-2.5°	1693.2	1969.5	2232.9	2532.4	2838.1	3186.7	3576.1	4005.2	4465.6	4941.4	5347.1
-5°	1668.4	1945.4	2204.9	2494.7	2798.2	3134.7	3508.6	3913.5	4349.4	4785.4	5196.9
-7.5°	1621.6	1903.1	2159.8	2434.0	2730.1	3049.0	3396.5	3775.4	4181.9	4579.8	4995.9
-10°	1557.7	1841.0	2101.8	2359.8	2641.5	2931.7	3251.2	3586.3	3962.0	4319.6	4669.1
-12.5°	1483.2	1766.6	2029.6	2268.9	2535.1	2796.8	3081.7	3386.0	3700.7	4002.7	4327.1
-15°	1390.5	1673.3	1932.7	2171.2	2408.6	2649.7	2894.4	3161.4	3434.0	3693.3	3957.3
-17.5°	1259.7	1561.6	1817.5	2056.0	2272.0	2490.4	2709.5	2936.1	3165.3	3381.9	3589.1
-20°	1103.1	1427.6	1682.6	1917.8	2130.0	2322.9	2514.3	2711.6	2901.6	3088.1	3261.4



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	902.2	1232.8	1525.2	1760.7	1964.9	2150.1	2323.8	2493.1	2657.7	2812.5	2956.4
-25°	680.2	1011.7	1317.7	1572.2	1782.9	1963.1	2126.7	2278.8	2420.2	2547.1	2666.0
-27.5°	495.4	763.2	1066.5	1346.2	1571.9	1764.0	1919.1	2058.2	2184.5	2293.0	2395.1
-30°	326.5	534.6	792.7	1066.9	1315.1	1520.3	1693.1	1833.5	1948.1	2051.0	2137.5
-32.5°	255.4	346.0	536.0	764.9	1014.2	1229.1	1416.1	1563.4	1691.8	1793.0	1871.7
-35°	206.9	256.4	328.3	494.8	676.0	898.4	1090.4	1244.3	1385.0	1497.9	1582.9
-37.5°	190.4	206.4	244.9	290.6	413.3	548.9	715.5	879.1	1021.5	1143.4	1245.1
-40°	177.9	188.6	201.7	221.9	260.2	299.6	417.1	521.9	624.9	742.1	842.6
-42.5°	167.3	175.5	182.8	193.2	204.5	224.1	254.4	282.4	336.7	406.5	464.8
-45°	157.1	163.9	170.4	176.7	182.0	190.5	198.5	205.5	223.8	239.3	251.1
-47.5°	146.3	152.6	158.6	164.2	169.0	173.3	177.0	180.7	186.0	190.3	194.5
-50°	135.0	140.7	146.3	151.2	154.5	158.4	162.7	164.9	166.3	167.8	171.1
-52.5°	123.1	127.9	132.9	136.7	139.2	141.5	143.7	146.0	147.6	148.4	151.4
-55°	110.3	114.3	118.4	121.6	124.0	125.5	127.3	130.0	131.6	132.2	135.2
-57.5°	97.5	100.7	103.7	107.2	109.7	111.2	113.5	116.3	118.5	120.2	122.8
-60°	85.2	88.0	91.0	94.1	96.7	98.9	101.2	103.6	105.8	107.7	109.6
-62.5°	73.2	76.7	78.5	80.7	83.5	86.2	87.2	88.5	90.2	92.1	94.4
-65°	59.2	62.0	64.6	65.9	66.1	67.5	69.9	71.4	72.1	72.7	73.5
-67.5°	49.1	50.3	52.1	53.4	54.8	55.8	56.8	57.7	58.3	58.9	59.7
-70°	41.1	42.4	43.9	45.3	46.6	47.5	48.1	48.6	48.9	48.7	48.5
-72.5°	34.3	36.0	37.2	38.4	39.4	40.1	40.5	40.8	41.0	38.5	34.9
-75°	28.1	29.8	30.8	31.8	32.7	33.2	33.4	33.6	33.6	30.7	26.9
-77.5°	22.7	23.8	24.4	25.0	25.6	25.8	25.9	26.1	26.2	23.8	20.7
-80°	15.7	16.4	16.9	17.2	17.6	17.6	17.3	16.9	16.3	14.9	13.4
-82.5°	9.3	9.4	9.4	9.4	9.3	9.7	10.1	10.5	10.7	9.9	9.0
-85°	4.1	4.0	3.8	3.5	3.2	3.4	3.5	3.7	3.9	3.6	3.4
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.9	0.9
85°	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.4	3.6	3.9	3.7
82.5°	8.0	6.9	6.9	6.9	6.9	6.9	8.0	9.0	9.9	10.7	10.5
80°	11.8	10.1	10.3	10.6	10.3	10.1	11.8	13.4	14.9	16.3	16.9
77.5°	17.4	13.9	13.8	13.8	13.8	13.9	17.4	20.7	23.8	26.2	26.1
75°	23.1	19.1	18.9	18.9	18.9	19.1	23.1	26.9	30.7	33.6	33.6
72.5°	31.2	27.3	25.6	24.0	25.6	27.3	31.2	34.9	38.5	41.0	40.8
70°	48.6	48.7	47.0	44.7	47.0	48.7	48.6	48.5	48.7	48.9	48.6
67.5°	60.4	60.9	61.6	62.2	61.6	60.9	60.4	59.7	58.9	58.3	57.7
65°	73.8	73.8	74.1	74.2	74.1	73.8	73.8	73.5	72.7	72.1	71.4
62.5°	96.3	97.9	99.0	99.5	99.0	97.9	96.3	94.4	92.1	90.2	88.5
60°	111.2	112.5	114.3	116.1	114.3	112.5	111.2	109.6	107.7	105.8	103.6
57.5°	125.2	127.3	129.1	130.4	129.1	127.3	125.2	122.8	120.2	118.5	116.3
55°	138.0	140.5	142.9	145.1	142.9	140.5	138.0	135.2	132.2	131.6	130.0
52.5°	154.2	156.3	159.7	164.0	159.7	156.3	154.2	151.4	148.4	147.6	146.0
50°	174.8	177.9	182.3	187.5	182.3	177.9	174.8	171.1	167.8	166.3	164.9
47.5°	198.7	201.8	206.0	211.5	206.0	201.8	198.7	194.5	190.3	186.0	180.7
45°	261.8	269.2	275.9	283.3	275.9	269.2	261.8	251.1	239.3	223.8	205.5
42.5°	511.5	543.8	557.8	549.6	557.8	543.8	511.5	464.8	406.5	336.7	282.4
40°	919.1	972.8	1004.4	1015.4	1004.4	972.8	919.1	842.6	742.1	624.9	521.9
37.5°	1319.4	1368.9	1395.6	1398.7	1395.6	1368.9	1319.4	1245.1	1143.4	1021.5	879.1
35°	1644.2	1684.9	1709.1	1727.2	1709.1	1684.9	1644.2	1582.9	1497.9	1385.0	1244.3
32.5°	1935.9	1982.3	2009.2	2003.2	2009.2	1982.3	1935.9	1871.7	1793.0	1691.8	1563.4
30°	2208.3	2259.1	2290.6	2291.6	2290.6	2259.1	2208.3	2137.5	2051.0	1948.1	1833.5
27.5°	2477.7	2534.7	2567.6	2593.3	2567.6	2534.7	2477.7	2395.1	2293.0	2184.5	2058.2
25°	2765.1	2836.1	2878.3	2903.9	2878.3	2836.1	2765.1	2666.0	2547.1	2420.2	2278.8
22.5°	3075.0	3163.0	3220.8	3244.8	3220.8	3163.0	3075.0	2956.4	2812.5	2657.7	2493.1
20°	3412.0	3521.1	3594.9	3592.6	3594.9	3521.1	3412.0	3261.4	3088.1	2901.6	2711.6
17.5°	3788.1	3928.7	4023.9	4037.7	4023.9	3928.7	3788.1	3589.1	3381.9	3165.3	2936.1
15°	4191.3	4372.6	4495.7	4533.8	4495.7	4372.6	4191.3	3957.3	3693.3	3434.0	3161.4
12.5°	4604.4	4820.1	4984.2	5038.8	4984.2	4820.1	4604.4	4327.1	4002.7	3700.7	3386.0
10°	4998.1	5237.0	5415.1	5494.0	5415.1	5237.0	4998.1	4669.1	4319.6	3962.0	3586.3
7.5°	5327.2	5569.9	5753.4	5818.3	5753.4	5569.9	5327.2	4995.9	4579.8	4181.9	3775.4
5°	5544.0	5809.2	5951.8	6032.1	5951.8	5809.2	5544.0	5196.9	4785.4	4349.4	3913.5
2.5°	5688.9	5913.7	6058.2	6132.0	6058.2	5913.7	5688.9	5347.1	4941.4	4465.6	4005.2
0°	5765.8	5994.8	6100.7	6136.6	6100.7	5994.8	5765.8	5423.9	5007.5	4513.1	4063.9
-2.5°	5688.9	5913.7	6058.2	6132.0	6058.2	5913.7	5688.9	5347.1	4941.4	4465.6	4005.2
-5°	5544.0	5809.2	5951.8	6032.1	5951.8	5809.2	5544.0	5196.9	4785.4	4349.4	3913.5
-7.5°	5327.2	5569.9	5753.4	5818.3	5753.4	5569.9	5327.2	4995.9	4579.8	4181.9	3775.4
-10°	4998.1	5237.0	5415.1	5494.0	5415.1	5237.0	4998.1	4669.1	4319.6	3962.0	3586.3
-12.5°	4604.4	4820.1	4984.2	5038.8	4984.2	4820.1	4604.4	4327.1	4002.7	3700.7	3386.0
-15°	4191.3	4372.6	4495.7	4533.8	4495.7	4372.6	4191.3	3957.3	3693.3	3434.0	3161.4
-17.5°	3788.1	3928.7	4023.9	4037.7	4023.9	3928.7	3788.1	3589.1	3381.9	3165.3	2936.1
-20°	3412.0	3521.1	3594.9	3592.6	3594.9	3521.1	3412.0	3261.4	3088.1	2901.6	2711.6



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	3075.0	3163.0	3220.8	3244.8	3220.8	3163.0	3075.0	2956.4	2812.5	2657.7	2493.1
-25°	2765.1	2836.1	2878.3	2903.9	2878.3	2836.1	2765.1	2666.0	2547.1	2420.2	2278.8
-27.5°	2477.7	2534.7	2567.6	2593.3	2567.6	2534.7	2477.7	2395.1	2293.0	2184.5	2058.2
-30°	2208.3	2259.1	2290.6	2291.6	2290.6	2259.1	2208.3	2137.5	2051.0	1948.1	1833.5
-32.5°	1935.9	1982.3	2009.2	2003.2	2009.2	1982.3	1935.9	1871.7	1793.0	1691.8	1563.4
-35°	1644.2	1684.9	1709.1	1727.2	1709.1	1684.9	1644.2	1582.9	1497.9	1385.0	1244.3
-37.5°	1319.4	1368.9	1395.6	1398.7	1395.6	1368.9	1319.4	1245.1	1143.4	1021.5	879.1
-40°	919.1	972.8	1004.4	1015.4	1004.4	972.8	919.1	842.6	742.1	624.9	521.9
-42.5°	511.5	543.8	557.8	549.6	557.8	543.8	511.5	464.8	406.5	336.7	282.4
-45°	261.8	269.2	275.9	283.3	275.9	269.2	261.8	251.1	239.3	223.8	205.5
-47.5°	198.7	201.8	206.0	211.5	206.0	201.8	198.7	194.5	190.3	186.0	180.7
-50°	174.8	177.9	182.3	187.5	182.3	177.9	174.8	171.1	167.8	166.3	164.9
-52.5°	154.2	156.3	159.7	164.0	159.7	156.3	154.2	151.4	148.4	147.6	146.0
-55°	138.0	140.5	142.9	145.1	142.9	140.5	138.0	135.2	132.2	131.6	130.0
-57.5°	125.2	127.3	129.1	130.4	129.1	127.3	125.2	122.8	120.2	118.5	116.3
-60°	111.2	112.5	114.3	116.1	114.3	112.5	111.2	109.6	107.7	105.8	103.6
-62.5°	96.3	97.9	99.0	99.5	99.0	97.9	96.3	94.4	92.1	90.2	88.5
-65°	73.8	73.8	74.1	74.2	74.1	73.8	73.8	73.5	72.7	72.1	71.4
-67.5°	60.4	60.9	61.6	62.2	61.6	60.9	60.4	59.7	58.9	58.3	57.7
-70°	48.6	48.7	47.0	44.7	47.0	48.7	48.6	48.5	48.7	48.9	48.6
-72.5°	31.2	27.3	25.6	24.0	25.6	27.3	31.2	34.9	38.5	41.0	40.8
-75°	23.1	19.1	18.9	18.9	18.9	19.1	23.1	26.9	30.7	33.6	33.6
-77.5°	17.4	13.9	13.8	13.8	13.8	13.9	17.4	20.7	23.8	26.2	26.1
-80°	11.8	10.1	10.3	10.6	10.3	10.1	11.8	13.4	14.9	16.3	16.9
-82.5°	8.0	6.9	6.9	6.9	6.9	6.9	8.0	9.0	9.9	10.7	10.5
-85°	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.4	3.6	3.9	3.7
-87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	3.5	3.4	3.2	3.5	3.8	4.0	4.1	3.7	3.2	2.8	2.4
82.5°	10.1	9.7	9.3	9.4	9.4	9.4	9.3	8.2	7.1	6.1	5.3
80°	17.3	17.6	17.6	17.2	16.9	16.4	15.7	13.6	11.8	10.1	9.0
77.5°	25.9	25.8	25.6	25.0	24.4	23.8	22.7	19.6	16.7	14.0	12.6
75°	33.4	33.2	32.7	31.8	30.8	29.8	28.1	25.1	21.9	18.6	16.9
72.5°	40.5	40.1	39.4	38.4	37.2	36.0	34.3	31.6	28.4	24.5	22.5
70°	48.1	47.5	46.6	45.3	43.9	42.4	41.1	39.2	36.5	33.2	31.2
67.5°	56.8	55.8	54.8	53.4	52.1	50.3	49.1	47.5	45.5	42.6	40.5
65°	69.9	67.5	66.1	65.9	64.6	62.0	59.2	57.3	55.4	52.7	49.8
62.5°	87.2	86.2	83.5	80.7	78.5	76.7	73.2	69.4	66.0	63.0	59.5
60°	101.2	98.9	96.7	94.1	91.0	88.0	85.2	81.5	76.8	73.0	69.2
57.5°	113.5	111.2	109.7	107.2	103.7	100.7	97.5	93.7	89.2	83.7	78.8
55°	127.3	125.5	124.0	121.6	118.4	114.3	110.3	106.2	101.1	94.6	88.6
52.5°	143.7	141.5	139.2	136.7	132.9	127.9	123.1	118.3	112.4	105.3	98.0
50°	162.7	158.4	154.5	151.2	146.3	140.7	135.0	129.6	122.6	115.2	107.7
47.5°	177.0	173.3	169.0	164.2	158.6	152.6	146.3	139.5	132.1	124.5	116.6
45°	198.5	190.5	182.0	176.7	170.4	163.9	157.1	149.4	141.3	133.2	124.9
42.5°	254.4	224.1	204.5	193.2	182.8	175.5	167.3	158.9	150.4	141.7	132.9
40°	417.1	299.6	260.2	221.9	201.7	188.6	177.9	168.2	159.1	149.9	140.6
37.5°	715.5	548.9	413.3	290.6	244.9	206.4	190.4	177.8	167.5	157.9	148.1
35°	1090.4	898.4	676.0	494.8	328.3	256.4	206.9	189.1	176.0	165.5	155.2
32.5°	1416.1	1229.1	1014.2	764.9	536.0	346.0	255.4	204.2	185.3	173.2	162.2
30°	1693.1	1520.3	1315.1	1066.9	792.7	534.6	326.5	243.0	199.3	180.4	168.8
27.5°	1919.1	1764.0	1571.9	1346.2	1066.5	763.2	495.4	291.3	220.3	191.3	175.2
25°	2126.7	1963.1	1782.9	1572.2	1317.7	1011.7	680.2	418.3	261.6	202.9	181.0
22.5°	2323.8	2150.1	1964.9	1760.7	1525.2	1232.8	902.2	559.7	303.3	224.0	190.2
20°	2514.3	2322.9	2130.0	1917.8	1682.6	1427.6	1103.1	729.0	422.3	255.9	198.8
17.5°	2709.5	2490.4	2272.0	2056.0	1817.5	1561.6	1259.7	899.3	525.7	284.6	206.3
15°	2894.4	2649.7	2408.6	2171.2	1932.7	1673.3	1390.5	1051.0	628.3	342.8	227.6
12.5°	3081.7	2796.8	2535.1	2268.9	2029.6	1766.6	1483.2	1154.5	748.7	414.0	248.7
10°	3251.2	2931.7	2641.5	2359.8	2101.8	1841.0	1557.7	1237.7	847.8	472.6	266.0
7.5°	3396.5	3049.0	2730.1	2434.0	2159.8	1903.1	1621.6	1304.1	922.4	517.8	279.6
5°	3508.6	3134.7	2798.2	2494.7	2204.9	1945.4	1668.4	1352.4	972.7	549.6	289.3
2.5°	3576.1	3186.7	2838.1	2532.4	2232.9	1969.5	1693.2	1383.4	1004.6	570.1	296.5
0°	3605.1	3202.4	2867.5	2557.9	2243.7	1979.7	1692.6	1395.0	1016.3	577.7	299.9
-2.5°	3576.1	3186.7	2838.1	2532.4	2232.9	1969.5	1693.2	1383.4	1004.6	570.1	296.5
-5°	3508.6	3134.7	2798.2	2494.7	2204.9	1945.4	1668.4	1352.4	972.7	549.6	289.3
-7.5°	3396.5	3049.0	2730.1	2434.0	2159.8	1903.1	1621.6	1304.1	922.4	517.8	279.6
-10°	3251.2	2931.7	2641.5	2359.8	2101.8	1841.0	1557.7	1237.7	847.8	472.6	266.0
-12.5°	3081.7	2796.8	2535.1	2268.9	2029.6	1766.6	1483.2	1154.5	748.7	414.0	248.7
-15°	2894.4	2649.7	2408.6	2171.2	1932.7	1673.3	1390.5	1051.0	628.3	342.8	227.6
-17.5°	2709.5	2490.4	2272.0	2056.0	1817.5	1561.6	1259.7	899.3	525.7	284.6	206.3
-20°	2514.3	2322.9	2130.0	1917.8	1682.6	1427.6	1103.1	729.0	422.3	255.9	198.8



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	2323.8	2150.1	1964.9	1760.7	1525.2	1232.8	902.2	559.7	303.3	224.0	190.2
-25°	2126.7	1963.1	1782.9	1572.2	1317.7	1011.7	680.2	418.3	261.6	202.9	181.0
-27.5°	1919.1	1764.0	1571.9	1346.2	1066.5	763.2	495.4	291.3	220.3	191.3	175.2
-30°	1693.1	1520.3	1315.1	1066.9	792.7	534.6	326.5	243.0	199.3	180.4	168.8
-32.5°	1416.1	1229.1	1014.2	764.9	536.0	346.0	255.4	204.2	185.3	173.2	162.2
-35°	1090.4	898.4	676.0	494.8	328.3	256.4	206.9	189.1	176.0	165.5	155.2
-37.5°	715.5	548.9	413.3	290.6	244.9	206.4	190.4	177.8	167.5	157.9	148.1
-40°	417.1	299.6	260.2	221.9	201.7	188.6	177.9	168.2	159.1	149.9	140.6
-42.5°	254.4	224.1	204.5	193.2	182.8	175.5	167.3	158.9	150.4	141.7	132.9
-45°	198.5	190.5	182.0	176.7	170.4	163.9	157.1	149.4	141.3	133.2	124.9
-47.5°	177.0	173.3	169.0	164.2	158.6	152.6	146.3	139.5	132.1	124.5	116.6
-50°	162.7	158.4	154.5	151.2	146.3	140.7	135.0	129.6	122.6	115.2	107.7
-52.5°	143.7	141.5	139.2	136.7	132.9	127.9	123.1	118.3	112.4	105.3	98.0
-55°	127.3	125.5	124.0	121.6	118.4	114.3	110.3	106.2	101.1	94.6	88.6
-57.5°	113.5	111.2	109.7	107.2	103.7	100.7	97.5	93.7	89.2	83.7	78.8
-60°	101.2	98.9	96.7	94.1	91.0	88.0	85.2	81.5	76.8	73.0	69.2
-62.5°	87.2	86.2	83.5	80.7	78.5	76.7	73.2	69.4	66.0	63.0	59.5
-65°	69.9	67.5	66.1	65.9	64.6	62.0	59.2	57.3	55.4	52.7	49.8
-67.5°	56.8	55.8	54.8	53.4	52.1	50.3	49.1	47.5	45.5	42.6	40.5
-70°	48.1	47.5	46.6	45.3	43.9	42.4	41.1	39.2	36.5	33.2	31.2
-72.5°	40.5	40.1	39.4	38.4	37.2	36.0	34.3	31.6	28.4	24.5	22.5
-75°	33.4	33.2	32.7	31.8	30.8	29.8	28.1	25.1	21.9	18.6	16.9
-77.5°	25.9	25.8	25.6	25.0	24.4	23.8	22.7	19.6	16.7	14.0	12.6
-80°	17.3	17.6	17.6	17.2	16.9	16.4	15.7	13.6	11.8	10.1	9.0
-82.5°	10.1	9.7	9.3	9.4	9.4	9.4	9.3	8.2	7.1	6.1	5.3
-85°	3.5	3.4	3.2	3.5	3.8	4.0	4.1	3.7	3.2	2.8	2.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	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: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.2	1.1	1.0	0.9
85°	2.6	2.7	2.7	2.6	2.5	2.3	2.4	2.4	2.2	2.1	1.9
82.5°	5.5	5.7	5.9	5.8	5.5	5.1	4.7	4.3	3.8	3.2	2.8
80°	9.5	9.8	9.9	9.7	8.7	7.8	7.2	6.6	6.1	5.5	4.6
77.5°	13.6	14.2	14.4	14.1	12.8	11.6	10.3	9.2	8.5	7.8	6.8
75°	17.7	18.6	19.2	18.8	17.3	15.3	13.7	12.4	11.4	10.1	9.0
72.5°	23.0	23.4	23.9	23.8	22.5	20.5	17.9	15.6	14.5	13.1	11.3
70°	30.0	28.7	28.4	28.2	27.4	25.8	23.2	20.2	17.7	16.0	14.0
67.5°	38.6	36.8	34.9	33.0	32.0	30.6	28.5	25.0	21.6	19.0	16.8
65°	47.2	44.7	42.4	39.6	37.2	35.4	33.2	29.4	25.4	22.1	19.5
62.5°	55.9	52.3	49.3	45.9	42.8	40.2	37.9	33.6	29.1	25.1	22.0
60°	65.0	60.7	56.1	52.0	48.2	44.8	41.8	37.7	32.8	27.9	24.2
57.5°	74.3	69.3	63.6	58.3	53.7	49.5	45.4	41.3	36.5	31.1	26.3
55°	83.4	77.9	71.0	64.7	59.2	54.4	49.2	44.5	39.9	34.3	27.7
52.5°	91.5	85.8	79.0	71.4	64.7	59.0	53.4	47.8	42.8	37.4	29.7
50°	99.9	92.7	86.2	78.6	70.2	63.6	57.4	51.3	45.7	40.3	31.6
47.5°	108.5	100.2	92.6	85.5	76.9	68.1	61.4	54.8	48.5	42.8	33.2
45°	116.5	107.9	99.1	91.2	83.1	73.3	65.4	58.2	51.5	44.0	34.6
42.5°	124.0	115.0	105.9	96.8	88.2	78.5	69.2	61.6	54.4	45.0	35.6
40°	131.2	121.8	112.2	102.7	93.4	83.1	73.3	65.0	57.0	45.9	36.2
37.5°	138.1	128.2	118.2	108.5	98.7	88.0	77.2	68.1	58.2	46.8	36.7
35°	144.7	134.2	124.1	114.0	103.7	92.9	80.6	71.2	60.1	47.6	36.9
32.5°	151.1	140.2	129.8	119.2	108.4	97.8	84.5	73.9	62.3	48.3	37.0
30°	157.3	146.0	135.0	124.2	112.9	101.9	88.9	76.7	64.9	48.8	37.0
27.5°	163.1	151.4	140.0	128.8	117.3	105.7	93.1	79.4	67.9	49.7	37.2
25°	168.6	156.4	144.6	133.0	121.3	109.4	97.1	82.0	70.4	51.7	37.4
22.5°	173.6	160.9	148.7	136.9	125.3	112.9	100.4	85.3	72.4	53.8	37.3
20°	178.1	164.9	152.6	141.0	128.9	116.2	103.2	88.2	74.3	55.9	37.1
17.5°	182.7	169.2	157.1	144.9	132.2	119.2	105.8	90.8	76.1	58.0	36.7
15°	189.9	173.7	161.1	148.5	135.4	121.9	108.2	93.2	77.7	60.0	36.6
12.5°	196.4	177.8	164.8	151.9	138.2	124.3	110.4	95.1	79.2	61.4	36.8
10°	201.9	181.3	168.0	155.0	140.7	126.4	112.3	96.8	80.4	62.0	36.7
7.5°	206.3	184.4	170.7	157.7	143.1	128.4	114.1	98.2	81.5	62.0	36.4
5°	210.2	187.7	174.2	160.6	145.8	130.3	115.6	99.3	82.5	61.6	36.0
2.5°	214.5	191.8	178.1	163.2	148.2	131.9	116.7	100.0	83.3	60.7	35.3
0°	217.9	195.3	181.5	165.4	150.2	133.1	117.5	100.4	83.8	59.4	34.6
-2.5°	214.5	191.8	178.1	163.2	148.2	131.9	116.7	100.0	83.3	60.7	35.3
-5°	210.2	187.7	174.2	160.6	145.8	130.3	115.6	99.3	82.5	61.6	36.0
-7.5°	206.3	184.4	170.7	157.7	143.1	128.4	114.1	98.2	81.5	62.0	36.4
-10°	201.9	181.3	168.0	155.0	140.7	126.4	112.3	96.8	80.4	62.0	36.7
-12.5°	196.4	177.8	164.8	151.9	138.2	124.3	110.4	95.1	79.2	61.4	36.8
-15°	189.9	173.7	161.1	148.5	135.4	121.9	108.2	93.2	77.7	60.0	36.6
-17.5°	182.7	169.2	157.1	144.9	132.2	119.2	105.8	90.8	76.1	58.0	36.7
-20°	178.1	164.9	152.6	141.0	128.9	116.2	103.2	88.2	74.3	55.9	37.1



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	173.6	160.9	148.7	136.9	125.3	112.9	100.4	85.3	72.4	53.8	37.3
-25°	168.6	156.4	144.6	133.0	121.3	109.4	97.1	82.0	70.4	51.7	37.4
-27.5°	163.1	151.4	140.0	128.8	117.3	105.7	93.1	79.4	67.9	49.7	37.2
-30°	157.3	146.0	135.0	124.2	112.9	101.9	88.9	76.7	64.9	48.8	37.0
-32.5°	151.1	140.2	129.8	119.2	108.4	97.8	84.5	73.9	62.3	48.3	37.0
-35°	144.7	134.2	124.1	114.0	103.7	92.9	80.6	71.2	60.1	47.6	36.9
-37.5°	138.1	128.2	118.2	108.5	98.7	88.0	77.2	68.1	58.2	46.8	36.7
-40°	131.2	121.8	112.2	102.7	93.4	83.1	73.3	65.0	57.0	45.9	36.2
-42.5°	124.0	115.0	105.9	96.8	88.2	78.5	69.2	61.6	54.4	45.0	35.6
-45°	116.5	107.9	99.1	91.2	83.1	73.3	65.4	58.2	51.5	44.0	34.6
-47.5°	108.5	100.2	92.6	85.5	76.9	68.1	61.4	54.8	48.5	42.8	33.2
-50°	99.9	92.7	86.2	78.6	70.2	63.6	57.4	51.3	45.7	40.3	31.6
-52.5°	91.5	85.8	79.0	71.4	64.7	59.0	53.4	47.8	42.8	37.4	29.7
-55°	83.4	77.9	71.0	64.7	59.2	54.4	49.2	44.5	39.9	34.3	27.7
-57.5°	74.3	69.3	63.6	58.3	53.7	49.5	45.4	41.3	36.5	31.1	26.3
-60°	65.0	60.7	56.1	52.0	48.2	44.8	41.8	37.7	32.8	27.9	24.2
-62.5°	55.9	52.3	49.3	45.9	42.8	40.2	37.9	33.6	29.1	25.1	22.0
-65°	47.2	44.7	42.4	39.6	37.2	35.4	33.2	29.4	25.4	22.1	19.5
-67.5°	38.6	36.8	34.9	33.0	32.0	30.6	28.5	25.0	21.6	19.0	16.8
-70°	30.0	28.7	28.4	28.2	27.4	25.8	23.2	20.2	17.7	16.0	14.0
-72.5°	23.0	23.4	23.9	23.8	22.5	20.5	17.9	15.6	14.5	13.1	11.3
-75°	17.7	18.6	19.2	18.8	17.3	15.3	13.7	12.4	11.4	10.1	9.0
-77.5°	13.6	14.2	14.4	14.1	12.8	11.6	10.3	9.2	8.5	7.8	6.8
-80°	9.5	9.8	9.9	9.7	8.7	7.8	7.2	6.6	6.1	5.5	4.6
-82.5°	5.5	5.7	5.9	5.8	5.5	5.1	4.7	4.3	3.8	3.2	2.8
-85°	2.6	2.7	2.7	2.6	2.5	2.3	2.4	2.4	2.2	2.1	1.9
-87.5°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.2	1.1	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
82.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
80°	3.4	2.5	1.9	1.3	0.8	0.4	0.0
77.5°	5.4	3.5	2.4	1.6	1.0	0.5	0.0
75°	7.3	5.0	2.9	1.9	1.2	0.6	0.0
72.5°	9.2	6.5	4.0	2.2	1.4	0.7	0.0
70°	11.1	7.9	5.1	2.6	1.6	0.8	0.0
67.5°	13.3	9.3	6.1	3.3	1.8	0.9	0.0
65°	15.4	10.7	7.1	4.0	1.9	1.0	0.0
62.5°	17.3	12.3	8.1	4.7	2.1	1.1	0.0
60°	19.2	13.8	9.0	5.3	2.3	1.1	0.0
57.5°	20.5	15.2	10.0	6.0	2.7	1.2	0.0
55°	21.6	16.5	11.0	6.5	3.1	1.3	0.0
52.5°	22.6	17.6	11.9	7.1	3.5	1.4	0.0
50°	23.4	18.2	12.8	7.6	3.8	1.5	0.0
47.5°	24.1	18.6	13.6	8.1	4.2	1.6	0.0
45°	25.2	19.0	14.4	8.7	4.5	1.6	0.0
42.5°	26.2	19.2	15.0	9.2	4.8	1.7	0.0
40°	27.0	19.3	15.4	9.7	5.1	1.8	0.0
37.5°	27.7	19.3	15.4	10.3	5.4	1.8	0.0
35°	28.1	19.5	15.4	10.8	5.7	1.9	0.0
32.5°	28.3	19.9	15.3	11.3	5.9	1.9	0.0
30°	28.3	20.0	15.2	11.8	6.2	2.0	0.0
27.5°	28.1	20.1	15.3	12.3	6.4	2.0	0.0
25°	27.8	20.0	15.5	12.8	6.6	2.1	0.0
22.5°	27.4	20.1	15.6	13.2	6.8	2.1	0.0
20°	26.8	20.6	15.8	13.6	6.9	2.2	0.0
17.5°	26.9	21.1	15.9	14.0	7.0	2.2	0.0
15°	27.3	21.5	15.9	14.4	7.1	2.2	0.0
12.5°	27.6	21.8	16.0	14.7	7.2	2.2	0.0
10°	27.8	22.1	16.0	15.0	7.3	2.3	0.0
7.5°	28.0	22.3	16.1	15.2	7.4	2.3	0.0
5°	28.1	22.5	16.1	15.4	7.4	2.3	0.0
2.5°	28.1	22.6	16.1	15.6	7.4	2.3	0.0
0°	28.1	22.6	16.1	15.6	7.4	2.3	0.0
-2.5°	28.1	22.6	16.1	15.6	7.4	2.3	0.0
-5°	28.1	22.5	16.1	15.4	7.4	2.3	0.0
-7.5°	28.0	22.3	16.1	15.2	7.4	2.3	0.0
-10°	27.8	22.1	16.0	15.0	7.3	2.3	0.0
-12.5°	27.6	21.8	16.0	14.7	7.2	2.2	0.0
-15°	27.3	21.5	15.9	14.4	7.1	2.2	0.0
-17.5°	26.9	21.1	15.9	14.0	7.0	2.2	0.0
-20°	26.8	20.6	15.8	13.6	6.9	2.2	0.0



REPORT NUMBER: P558565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.4	20.1	15.6	13.2	6.8	2.1	0.0
-25°	27.8	20.0	15.5	12.8	6.6	2.1	0.0
-27.5°	28.1	20.1	15.3	12.3	6.4	2.0	0.0
-30°	28.3	20.0	15.2	11.8	6.2	2.0	0.0
-32.5°	28.3	19.9	15.3	11.3	5.9	1.9	0.0
-35°	28.1	19.5	15.4	10.8	5.7	1.9	0.0
-37.5°	27.7	19.3	15.4	10.3	5.4	1.8	0.0
-40°	27.0	19.3	15.4	9.7	5.1	1.8	0.0
-42.5°	26.2	19.2	15.0	9.2	4.8	1.7	0.0
-45°	25.2	19.0	14.4	8.7	4.5	1.6	0.0
-47.5°	24.1	18.6	13.6	8.1	4.2	1.6	0.0
-50°	23.4	18.2	12.8	7.6	3.8	1.5	0.0
-52.5°	22.6	17.6	11.9	7.1	3.5	1.4	0.0
-55°	21.6	16.5	11.0	6.5	3.1	1.3	0.0
-57.5°	20.5	15.2	10.0	6.0	2.7	1.2	0.0
-60°	19.2	13.8	9.0	5.3	2.3	1.1	0.0
-62.5°	17.3	12.3	8.1	4.7	2.1	1.1	0.0
-65°	15.4	10.7	7.1	4.0	1.9	1.0	0.0
-67.5°	13.3	9.3	6.1	3.3	1.8	0.9	0.0
-70°	11.1	7.9	5.1	2.6	1.6	0.8	0.0
-72.5°	9.2	6.5	4.0	2.2	1.4	0.7	0.0
-75°	7.3	5.0	2.9	1.9	1.2	0.6	0.0
-77.5°	5.4	3.5	2.4	1.6	1.0	0.5	0.0
-80°	3.4	2.5	1.9	1.3	0.8	0.4	0.0
-82.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
-85°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
-87.5°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)