

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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4B-930-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

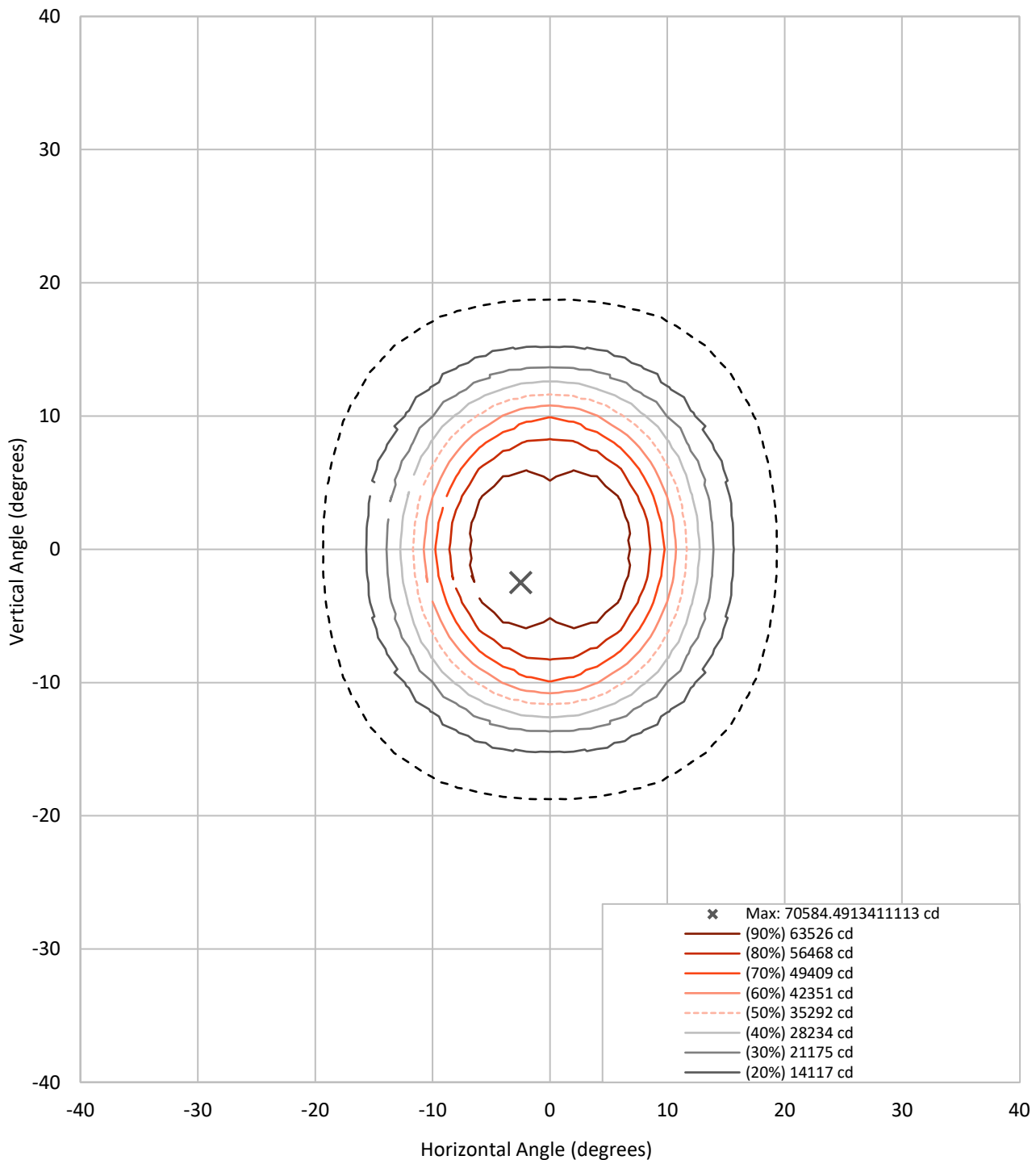
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13347.4 lumens	Max Intensity:	70584.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	7205.8 lumens	Field Lumens:	10866.8 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 126
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

Iso-Candela Plot





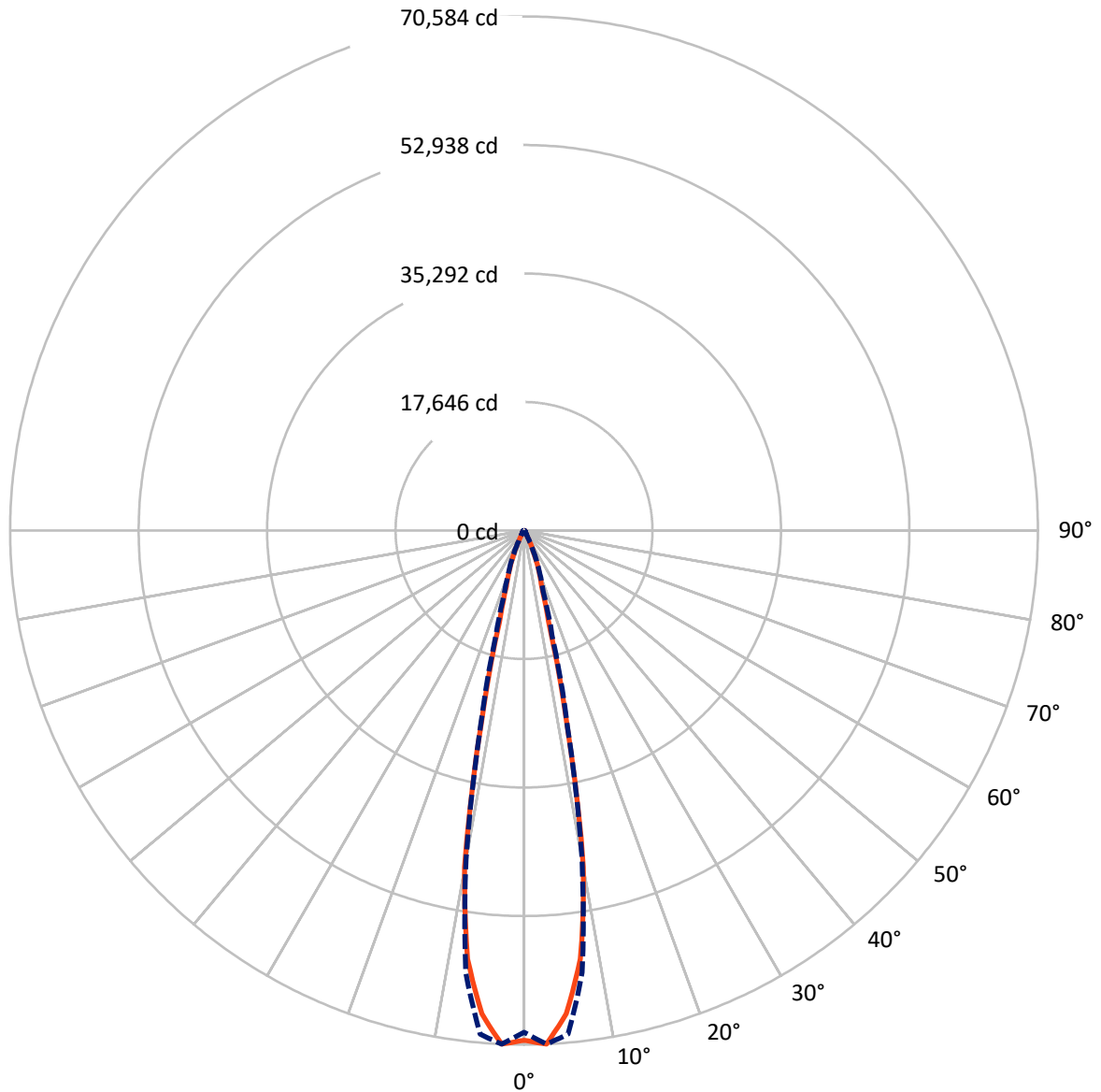
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 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

Lumen Table

90	0.2	1.3		3.6		5.7		6.7		5.7		3.6		1.3		0.2			
80	0.2	1.3		3.6		5.7		6.7		5.7		3.6		1.3		0.2			
70	0.6	0.7	1.4	2.3	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.3	1.4	0.7	0.6			
60		1.1	2.1	3.3	4.4	5.3	5.8	6.1	6.1	5.8	5.3	4.4	3.3	2.1	1.1				
50	1.1	1.4	2.7	4.0	5.2	6.3	7.2	7.7	7.7	7.2	6.3	5.2	4.0	2.7	1.4	1.1			
40		1.7	3.1	4.5	6.1	8.3	10.9	13.1	13.1	10.9	8.3	6.1	4.5	3.1	1.7				
30	1.5	1.9	3.4	5.0	7.5	13.6	41.0	79.9	79.9	41.0	13.6	7.5	5.0	3.4	1.9	1.5			
20		2.0	3.5	5.3	9.4	40.5	186.9	480.5	480.5	186.9	40.5	9.4	5.3	3.5	2.0				
10	1.6	2.1	3.6	5.6	11.3	78.9	486.6	1719.1	1719.1	486.6	78.9	11.3	5.6	3.6	2.1	1.6			
0		2.1	3.6	5.6	11.3	78.9	486.6	1719.1	1719.1	486.6	78.9	11.3	5.6	3.6	2.1				
-10	1.5	2.0	3.5	5.3	9.4	40.5	186.9	480.5	480.5	186.9	40.5	9.4	5.3	3.5	2.0	1.5			
-20		1.9	3.4	5.0	7.5	13.6	41.0	79.9	79.9	41.0	13.6	7.5	5.0	3.4	1.9				
-30	1.1	1.7	3.1	4.5	6.1	8.3	10.9	13.1	13.1	10.9	8.3	6.1	4.5	3.1	1.7	1.1			
-40		1.4	2.7	4.0	5.2	6.3	7.2	7.7	7.7	7.2	6.3	5.2	4.0	2.7	1.4				
-50	0.6	1.1	2.1	3.3	4.4	5.3	5.8	6.1	6.1	5.8	5.3	4.4	3.3	2.1	1.1	0.6			
-60		0.7	1.4	2.3	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.3	1.4	0.7				
-70	0.2	1.3		3.6		5.7		6.7		5.7		3.6		1.3		0.2			
-80		1.3		3.6		5.7		6.7		5.7		3.6		1.3					
-90	0.2	1.3		3.6		5.7		6.7		5.7		3.6		1.3		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

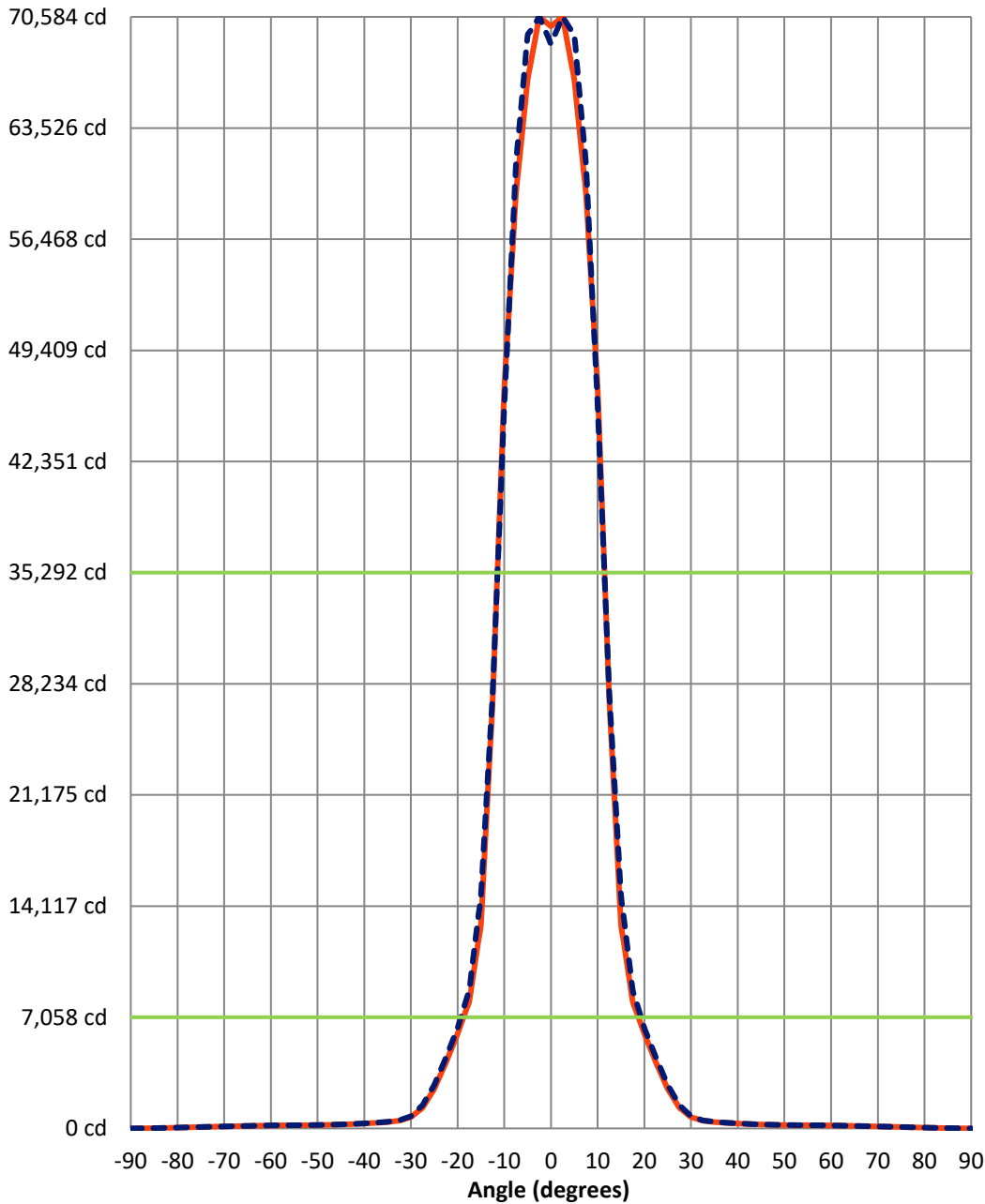
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 7205.8
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 10866.8
Efficiency: 81.4%

Spill:
Lumens: 2480.6
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	7.8	9.3	10.8
80°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.8	11.8	13.9	16.0
77.5°	0.0	1.6	3.2	4.9	6.5	8.4	10.7	13.2	15.7	18.4	21.3
75°	0.0	1.9	3.9	5.8	7.9	10.8	13.5	16.5	19.7	23.4	27.0
72.5°	0.0	2.3	4.5	6.7	9.8	13.2	16.4	20.0	24.5	28.7	32.6
70°	0.0	2.6	5.1	7.8	11.8	15.6	19.3	24.2	29.2	33.8	39.4
67.5°	0.0	2.9	5.7	9.3	13.8	18.0	22.9	28.4	33.8	40.1	46.4
65°	0.0	3.2	6.3	10.7	15.7	20.6	26.5	32.5	39.4	46.4	53.4
62.5°	0.0	3.5	6.9	12.2	17.6	23.5	29.9	37.1	44.8	52.5	60.6
60°	0.0	3.7	7.5	13.6	19.4	26.3	33.3	41.7	50.1	58.9	67.6
57.5°	0.0	4.0	8.4	15.0	21.6	29.0	37.2	46.3	55.6	65.2	74.6
55°	0.0	4.3	9.3	16.4	23.6	31.6	41.0	50.7	61.0	71.2	81.3
52.5°	0.0	4.6	10.2	17.7	25.6	34.2	44.7	55.3	66.3	77.2	87.9
50°	0.0	4.8	11.1	19.0	27.6	37.2	48.2	59.8	71.4	82.9	94.5
47.5°	0.0	5.1	11.9	20.3	29.4	40.1	51.7	64.2	76.3	88.5	101.0
45°	0.0	5.3	12.7	21.6	31.2	42.8	55.4	68.5	81.2	94.2	107.3
42.5°	0.0	5.5	13.4	22.9	32.9	45.5	58.9	72.6	85.8	99.7	113.0
40°	0.0	5.7	14.1	24.0	34.7	48.0	62.3	76.5	90.3	105.0	118.2
37.5°	0.0	5.9	14.8	25.2	36.6	50.4	65.6	80.2	94.8	109.8	123.2
35°	0.0	6.1	15.5	26.2	38.4	52.9	68.7	83.7	99.0	114.0	128.0
32.5°	0.0	6.3	16.1	27.2	40.2	55.3	71.6	87.0	102.9	117.9	132.6
30°	0.0	6.5	16.6	28.2	41.7	57.6	74.2	90.1	106.5	121.6	136.8
27.5°	0.0	6.7	17.2	29.0	43.3	59.7	76.7	93.1	109.7	125.0	140.6
25°	0.0	6.8	17.7	29.8	44.7	61.7	79.0	95.8	112.5	128.1	144.0
22.5°	0.0	6.9	18.1	30.6	46.0	63.5	81.1	98.2	115.0	130.9	147.0
20°	0.0	7.0	18.5	31.2	47.2	65.1	83.0	100.4	117.3	133.4	149.6
17.5°	0.0	7.2	18.8	31.8	48.3	66.6	84.6	102.3	119.4	135.5	151.9
15°	0.0	7.2	19.1	32.3	49.3	67.8	86.0	104.0	121.1	137.3	153.9
12.5°	0.0	7.3	19.4	32.7	50.1	68.9	87.2	105.4	122.6	138.7	155.6
10°	0.0	7.4	19.6	33.1	50.9	69.7	88.2	106.5	123.9	140.2	156.9
7.5°	0.0	7.4	19.8	33.3	51.4	70.4	88.9	107.4	124.9	141.4	157.9
5°	0.0	7.5	19.9	33.5	51.9	70.8	89.5	108.1	125.5	142.4	158.5
2.5°	0.0	7.5	20.0	33.7	52.2	71.1	89.8	108.5	126.0	143.2	158.7
0°	0.0	7.5	20.0	33.7	52.4	71.2	89.9	108.6	126.1	143.6	158.6
-2.5°	0.0	7.5	20.0	33.7	52.4	71.2	89.9	108.6	126.1	143.6	158.6
-5°	0.0	7.5	19.9	33.5	51.9	70.8	89.5	108.1	125.5	142.4	158.5
-7.5°	0.0	7.4	19.8	33.3	51.4	70.4	88.9	107.4	124.9	141.4	157.9
-10°	0.0	7.4	19.6	33.1	50.9	69.7	88.2	106.5	123.9	140.2	156.9
-12.5°	0.0	7.3	19.4	32.7	50.1	68.9	87.2	105.4	122.6	138.7	155.6
-15°	0.0	7.2	19.1	32.3	49.3	67.8	86.0	104.0	121.1	137.3	153.9
-17.5°	0.0	7.2	18.8	31.8	48.3	66.6	84.6	102.3	119.4	135.5	151.9
-20°	0.0	7.0	18.5	31.2	47.2	65.1	83.0	100.4	117.3	133.4	149.6



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	18.1	30.6	46.0	63.5	81.1	98.2	115.0	130.9	147.0
-25°	0.0	6.8	17.7	29.8	44.7	61.7	79.0	95.8	112.5	128.1	144.0
-27.5°	0.0	6.7	17.2	29.0	43.3	59.7	76.7	93.1	109.7	125.0	140.6
-30°	0.0	6.5	16.6	28.2	41.7	57.6	74.2	90.1	106.5	121.6	136.8
-32.5°	0.0	6.3	16.1	27.2	40.2	55.3	71.6	87.0	102.9	117.9	132.6
-35°	0.0	6.1	15.5	26.2	38.4	52.9	68.7	83.7	99.0	114.0	128.0
-37.5°	0.0	5.9	14.8	25.2	36.6	50.4	65.6	80.2	94.8	109.8	123.2
-40°	0.0	5.7	14.1	24.0	34.7	48.0	62.3	76.5	90.3	105.0	118.2
-42.5°	0.0	5.5	13.4	22.9	32.9	45.5	58.9	72.6	85.8	99.7	113.0
-45°	0.0	5.3	12.7	21.6	31.2	42.8	55.4	68.5	81.2	94.2	107.3
-47.5°	0.0	5.1	11.9	20.3	29.4	40.1	51.7	64.2	76.3	88.5	101.0
-50°	0.0	4.8	11.1	19.0	27.6	37.2	48.2	59.8	71.4	82.9	94.5
-52.5°	0.0	4.6	10.2	17.7	25.6	34.2	44.7	55.3	66.3	77.2	87.9
-55°	0.0	4.3	9.3	16.4	23.6	31.6	41.0	50.7	61.0	71.2	81.3
-57.5°	0.0	4.0	8.4	15.0	21.6	29.0	37.2	46.3	55.6	65.2	74.6
-60°	0.0	3.7	7.5	13.6	19.4	26.3	33.3	41.7	50.1	58.9	67.6
-62.5°	0.0	3.5	6.9	12.2	17.6	23.5	29.9	37.1	44.8	52.5	60.6
-65°	0.0	3.2	6.3	10.7	15.7	20.6	26.5	32.5	39.4	46.4	53.4
-67.5°	0.0	2.9	5.7	9.3	13.8	18.0	22.9	28.4	33.8	40.1	46.4
-70°	0.0	2.6	5.1	7.8	11.8	15.6	19.3	24.2	29.2	33.8	39.4
-72.5°	0.0	2.3	4.5	6.7	9.8	13.2	16.4	20.0	24.5	28.7	32.6
-75°	0.0	1.9	3.9	5.8	7.9	10.8	13.5	16.5	19.7	23.4	27.0
-77.5°	0.0	1.6	3.2	4.9	6.5	8.4	10.7	13.2	15.7	18.4	21.3
-80°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.8	11.8	13.9	16.0
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	7.8	9.3	10.8
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.7	5.9
85°	6.9	7.5	8.3	9.1	9.9	10.5	11.1	11.6	12.4	13.1	13.9
82.5°	12.2	13.4	14.5	15.6	16.5	17.3	18.2	19.4	21.0	22.5	23.8
80°	17.8	19.3	21.1	23.0	25.0	26.9	28.9	30.8	32.5	34.2	35.9
77.5°	23.9	26.4	28.9	31.5	34.2	37.2	40.1	42.8	45.4	47.9	50.4
75°	30.2	33.3	37.2	41.0	44.7	48.2	51.7	55.3	58.7	61.9	65.0
72.5°	37.1	41.7	46.3	50.7	55.5	60.1	64.4	68.4	72.5	76.7	80.6
70°	44.8	50.1	55.8	61.6	67.3	72.3	77.4	82.5	87.7	92.1	96.0
67.5°	52.5	59.1	65.7	72.3	78.5	84.3	90.4	96.2	101.5	106.1	110.5
65°	60.6	67.9	75.2	82.3	89.2	96.2	102.8	109.0	114.8	120.0	124.9
62.5°	68.5	76.5	84.4	92.3	100.4	108.0	115.0	121.5	127.9	133.5	138.8
60°	76.2	84.9	93.6	102.4	111.2	119.2	126.7	133.5	140.0	146.2	151.7
57.5°	83.8	93.1	102.7	112.2	121.3	130.0	137.6	144.9	151.5	157.8	163.6
55°	91.3	101.2	111.4	121.4	130.9	139.9	148.0	155.3	162.4	168.1	173.6
52.5°	98.7	109.1	119.8	130.2	139.9	149.2	157.7	165.0	171.4	177.3	182.2
50°	106.0	116.8	127.8	138.3	148.4	157.9	166.3	173.4	179.6	185.0	189.6
47.5°	112.8	124.2	135.1	146.1	156.3	165.7	174.0	180.7	186.7	191.6	195.8
45°	119.3	131.1	142.5	153.2	163.6	172.8	180.5	187.3	192.8	197.7	202.0
42.5°	125.4	137.8	149.3	160.0	170.2	179.1	186.7	193.0	198.6	203.4	208.1
40°	131.3	144.3	155.9	166.4	176.4	184.9	192.0	198.4	203.9	209.3	214.5
37.5°	137.1	150.2	162.2	172.9	181.7	189.9	196.9	203.2	209.5	215.5	222.4
35°	142.6	155.9	168.0	178.5	187.2	194.4	201.5	208.4	215.6	223.2	231.3
32.5°	147.6	161.3	173.6	183.3	191.4	198.7	206.0	214.3	222.9	231.5	241.4
30°	152.2	166.3	178.6	187.7	195.2	202.4	211.1	220.6	230.7	240.6	252.2
27.5°	156.2	170.9	182.4	191.2	198.5	205.4	215.2	227.6	238.4	249.0	261.8
25°	159.8	174.6	185.9	194.1	201.0	208.5	218.6	231.3	244.9	256.5	274.3
22.5°	163.0	177.9	189.1	196.8	203.0	211.0	221.3	233.8	247.9	262.4	287.1
20°	165.7	180.4	191.8	199.0	204.4	212.9	222.8	235.6	251.2	272.2	299.5
17.5°	168.1	182.9	193.9	200.4	206.3	214.3	223.3	236.6	254.8	281.0	310.9
15°	170.1	185.3	195.6	201.7	207.7	215.5	225.4	239.3	260.2	289.1	321.4
12.5°	171.8	187.7	197.0	202.7	208.6	216.5	227.6	243.5	266.6	297.2	333.0
10°	173.1	189.8	198.2	203.4	209.1	217.2	229.5	246.7	272.0	304.7	343.2
7.5°	174.3	191.5	199.1	204.0	209.2	217.5	231.1	249.1	275.9	310.9	351.8
5°	175.2	192.6	199.9	204.4	209.1	217.6	232.3	250.6	278.3	315.6	358.2
2.5°	175.8	193.3	200.5	204.6	208.9	217.6	233.2	253.0	281.4	319.1	362.1
0°	176.0	193.5	201.0	204.7	208.5	217.2	233.5	254.7	283.4	320.9	363.3
-2.5°	175.8	193.3	200.5	204.6	208.9	217.6	233.2	253.0	281.4	319.1	362.1
-5°	175.2	192.6	199.9	204.4	209.1	217.6	232.3	250.6	278.3	315.6	358.2
-7.5°	174.3	191.5	199.1	204.0	209.2	217.5	231.1	249.1	275.9	310.9	351.8
-10°	173.1	189.8	198.2	203.4	209.1	217.2	229.5	246.7	272.0	304.7	343.2
-12.5°	171.8	187.7	197.0	202.7	208.6	216.5	227.6	243.5	266.6	297.2	333.0
-15°	170.1	185.3	195.6	201.7	207.7	215.5	225.4	239.3	260.2	289.1	321.4
-17.5°	168.1	182.9	193.9	200.4	206.3	214.3	223.3	236.6	254.8	281.0	310.9
-20°	165.7	180.4	191.8	199.0	204.4	212.9	222.8	235.6	251.2	272.2	299.5



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	163.0	177.9	189.1	196.8	203.0	211.0	221.3	233.8	247.9	262.4	287.1
-25°	159.8	174.6	185.9	194.1	201.0	208.5	218.6	231.3	244.9	256.5	274.3
-27.5°	156.2	170.9	182.4	191.2	198.5	205.4	215.2	227.6	238.4	249.0	261.8
-30°	152.2	166.3	178.6	187.7	195.2	202.4	211.1	220.6	230.7	240.6	252.2
-32.5°	147.6	161.3	173.6	183.3	191.4	198.7	206.0	214.3	222.9	231.5	241.4
-35°	142.6	155.9	168.0	178.5	187.2	194.4	201.5	208.4	215.6	223.2	231.3
-37.5°	137.1	150.2	162.2	172.9	181.7	189.9	196.9	203.2	209.5	215.5	222.4
-40°	131.3	144.3	155.9	166.4	176.4	184.9	192.0	198.4	203.9	209.3	214.5
-42.5°	125.4	137.8	149.3	160.0	170.2	179.1	186.7	193.0	198.6	203.4	208.1
-45°	119.3	131.1	142.5	153.2	163.6	172.8	180.5	187.3	192.8	197.7	202.0
-47.5°	112.8	124.2	135.1	146.1	156.3	165.7	174.0	180.7	186.7	191.6	195.8
-50°	106.0	116.8	127.8	138.3	148.4	157.9	166.3	173.4	179.6	185.0	189.6
-52.5°	98.7	109.1	119.8	130.2	139.9	149.2	157.7	165.0	171.4	177.3	182.2
-55°	91.3	101.2	111.4	121.4	130.9	139.9	148.0	155.3	162.4	168.1	173.6
-57.5°	83.8	93.1	102.7	112.2	121.3	130.0	137.6	144.9	151.5	157.8	163.6
-60°	76.2	84.9	93.6	102.4	111.2	119.2	126.7	133.5	140.0	146.2	151.7
-62.5°	68.5	76.5	84.4	92.3	100.4	108.0	115.0	121.5	127.9	133.5	138.8
-65°	60.6	67.9	75.2	82.3	89.2	96.2	102.8	109.0	114.8	120.0	124.9
-67.5°	52.5	59.1	65.7	72.3	78.5	84.3	90.4	96.2	101.5	106.1	110.5
-70°	44.8	50.1	55.8	61.6	67.3	72.3	77.4	82.5	87.7	92.1	96.0
-72.5°	37.1	41.7	46.3	50.7	55.5	60.1	64.4	68.4	72.5	76.7	80.6
-75°	30.2	33.3	37.2	41.0	44.7	48.2	51.7	55.3	58.7	61.9	65.0
-77.5°	23.9	26.4	28.9	31.5	34.2	37.2	40.1	42.8	45.4	47.9	50.4
-80°	17.8	19.3	21.1	23.0	25.0	26.9	28.9	30.8	32.5	34.2	35.9
-82.5°	12.2	13.4	14.5	15.6	16.5	17.3	18.2	19.4	21.0	22.5	23.8
-85°	6.9	7.5	8.3	9.1	9.9	10.5	11.1	11.6	12.4	13.1	13.9
-87.5°	3.5	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.7	5.9
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.1	5.9	5.8	5.6	6.0	6.4	6.8	7.2	7.3	7.4
85°	14.6	15.1	15.5	15.9	16.4	16.8	17.3	17.6	17.9	18.5	19.0
82.5°	25.0	26.0	26.9	27.8	28.6	29.5	30.5	31.3	32.1	32.6	33.0
80°	37.6	39.3	40.8	42.2	43.3	44.8	46.3	47.6	48.8	49.5	50.1
77.5°	52.8	54.9	56.8	58.7	60.4	62.1	63.6	64.8	65.7	66.8	67.9
75°	68.0	70.8	73.4	75.8	77.9	79.8	81.5	83.1	84.5	85.7	86.8
72.5°	84.1	87.3	90.1	92.7	95.2	97.6	99.9	101.9	103.7	105.2	106.4
70°	99.6	103.1	106.5	109.8	112.8	115.5	117.9	120.1	122.0	123.6	124.9
67.5°	114.6	118.5	122.5	126.1	129.4	132.3	135.0	137.6	139.9	141.7	142.9
65°	129.5	133.9	138.2	141.9	145.2	148.2	151.4	154.1	156.4	158.1	159.2
62.5°	144.1	148.8	152.9	156.8	160.5	163.7	166.3	168.8	171.1	172.9	174.1
60°	157.0	161.9	165.9	169.6	173.0	176.1	178.7	181.3	183.8	185.9	187.5
57.5°	168.4	173.0	177.0	180.4	183.4	186.2	188.8	190.9	192.6	193.9	195.0
55°	178.4	182.5	186.3	189.5	192.2	194.4	196.3	197.9	199.0	199.9	200.5
52.5°	186.9	190.7	194.5	197.6	199.6	201.5	203.1	205.0	206.0	206.1	206.1
50°	193.7	197.7	201.1	203.9	206.7	209.9	213.1	214.8	215.4	215.0	214.5
47.5°	199.9	203.8	207.5	211.1	215.2	220.4	225.8	228.3	228.1	227.0	226.5
45°	206.1	210.4	214.7	220.1	225.8	232.7	238.9	242.8	242.8	243.0	243.9
42.5°	212.5	217.8	223.8	231.1	238.6	246.2	252.9	257.8	261.4	265.8	269.5
40°	220.4	226.3	235.3	244.3	254.0	262.2	272.5	281.3	288.6	295.2	300.3
37.5°	229.7	238.2	249.5	261.2	273.8	286.4	298.5	309.7	319.3	330.2	338.4
35°	240.8	252.9	266.7	281.2	296.9	313.0	328.5	346.4	362.1	376.2	387.7
32.5°	253.8	268.4	285.2	304.6	324.2	345.5	367.7	390.8	412.9	436.0	459.0
30°	266.8	286.1	307.6	331.1	354.1	382.0	411.0	448.6	488.0	533.0	602.1
27.5°	282.7	305.8	330.7	357.8	389.5	425.1	480.9	550.5	669.1	757.8	995.9
25°	298.2	324.6	356.6	391.8	434.3	499.4	632.9	787.4	1131.4	1453.5	1825.6
22.5°	313.9	346.8	385.2	428.1	502.1	669.6	923.9	1389.7	1921.1	2485.2	3059.7
20°	329.8	368.5	416.7	488.2	643.1	929.7	1500.7	2249.1	3004.3	3926.7	4724.5
17.5°	347.7	395.7	458.6	566.1	821.5	1435.5	2280.0	3318.5	4487.1	5673.1	6668.9
15°	362.5	418.7	502.9	713.2	1195.2	2009.9	3115.0	4522.7	6116.2	7615.5	8894.4
12.5°	378.8	444.2	554.9	832.5	1540.0	2611.1	4067.5	5799.8	7711.4	9765.8	13018.6
10°	393.9	469.9	642.2	1080.1	1937.5	3218.6	4920.5	6872.4	9190.7	13303.9	20993.2
7.5°	406.5	490.2	707.9	1264.6	2297.2	3791.7	5615.8	7789.6	11275.0	18185.5	31124.6
5°	415.1	503.7	753.5	1402.8	2583.8	4214.5	6060.4	8393.5	13401.4	24152.5	39732.6
2.5°	421.2	511.0	777.8	1483.3	2765.1	4494.5	6375.3	8799.9	14829.1	27604.0	45858.0
0°	425.7	513.1	782.8	1553.1	2826.5	4589.3	6390.8	8909.0	15318.5	28951.7	48040.5
-2.5°	421.2	511.0	777.8	1483.3	2765.1	4494.5	6375.3	8799.9	14829.1	27604.0	45858.0
-5°	415.1	503.7	753.5	1402.8	2583.8	4214.5	6060.4	8393.5	13401.4	24152.5	39732.6
-7.5°	406.5	490.2	707.9	1264.6	2297.2	3791.7	5615.8	7789.6	11275.0	18185.5	31124.6
-10°	393.9	469.9	642.2	1080.1	1937.5	3218.6	4920.5	6872.4	9190.7	13303.9	20993.2
-12.5°	378.8	444.2	554.9	832.5	1540.0	2611.1	4067.5	5799.8	7711.4	9765.8	13018.6
-15°	362.5	418.7	502.9	713.2	1195.2	2009.9	3115.0	4522.7	6116.2	7615.5	8894.4
-17.5°	347.7	395.7	458.6	566.1	821.5	1435.5	2280.0	3318.5	4487.1	5673.1	6668.9
-20°	329.8	368.5	416.7	488.2	643.1	929.7	1500.7	2249.1	3004.3	3926.7	4724.5



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	313.9	346.8	385.2	428.1	502.1	669.6	923.9	1389.7	1921.1	2485.2	3059.7
-25°	298.2	324.6	356.6	391.8	434.3	499.4	632.9	787.4	1131.4	1453.5	1825.6
-27.5°	282.7	305.8	330.7	357.8	389.5	425.1	480.9	550.5	669.1	757.8	995.9
-30°	266.8	286.1	307.6	331.1	354.1	382.0	411.0	448.6	488.0	533.0	602.1
-32.5°	253.8	268.4	285.2	304.6	324.2	345.5	367.7	390.8	412.9	436.0	459.0
-35°	240.8	252.9	266.7	281.2	296.9	313.0	328.5	346.4	362.1	376.2	387.7
-37.5°	229.7	238.2	249.5	261.2	273.8	286.4	298.5	309.7	319.3	330.2	338.4
-40°	220.4	226.3	235.3	244.3	254.0	262.2	272.5	281.3	288.6	295.2	300.3
-42.5°	212.5	217.8	223.8	231.1	238.6	246.2	252.9	257.8	261.4	265.8	269.5
-45°	206.1	210.4	214.7	220.1	225.8	232.7	238.9	242.8	242.8	243.0	243.9
-47.5°	199.9	203.8	207.5	211.1	215.2	220.4	225.8	228.3	228.1	227.0	226.5
-50°	193.7	197.7	201.1	203.9	206.7	209.9	213.1	214.8	215.4	215.0	214.5
-52.5°	186.9	190.7	194.5	197.6	199.6	201.5	203.1	205.0	206.0	206.1	206.1
-55°	178.4	182.5	186.3	189.5	192.2	194.4	196.3	197.9	199.0	199.9	200.5
-57.5°	168.4	173.0	177.0	180.4	183.4	186.2	188.8	190.9	192.6	193.9	195.0
-60°	157.0	161.9	165.9	169.6	173.0	176.1	178.7	181.3	183.8	185.9	187.5
-62.5°	144.1	148.8	152.9	156.8	160.5	163.7	166.3	168.8	171.1	172.9	174.1
-65°	129.5	133.9	138.2	141.9	145.2	148.2	151.4	154.1	156.4	158.1	159.2
-67.5°	114.6	118.5	122.5	126.1	129.4	132.3	135.0	137.6	139.9	141.7	142.9
-70°	99.6	103.1	106.5	109.8	112.8	115.5	117.9	120.1	122.0	123.6	124.9
-72.5°	84.1	87.3	90.1	92.7	95.2	97.6	99.9	101.9	103.7	105.2	106.4
-75°	68.0	70.8	73.4	75.8	77.9	79.8	81.5	83.1	84.5	85.7	86.8
-77.5°	52.8	54.9	56.8	58.7	60.4	62.1	63.6	64.8	65.7	66.8	67.9
-80°	37.6	39.3	40.8	42.2	43.3	44.8	46.3	47.6	48.8	49.5	50.1
-82.5°	25.0	26.0	26.9	27.8	28.6	29.5	30.5	31.3	32.1	32.6	33.0
-85°	14.6	15.1	15.5	15.9	16.4	16.8	17.3	17.6	17.9	18.5	19.0
-87.5°	6.1	6.1	5.9	5.8	5.6	6.0	6.4	6.8	7.2	7.3	7.4
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	6.8
85°	19.5	19.9	19.3	18.7	19.3	19.9	19.5	19.0	18.5	17.9	17.6
82.5°	33.3	33.5	33.7	33.7	33.7	33.5	33.3	33.0	32.6	32.1	31.3
80°	50.6	50.9	51.7	52.4	51.7	50.9	50.6	50.1	49.5	48.8	47.6
77.5°	68.8	69.5	69.8	69.9	69.8	69.5	68.8	67.9	66.8	65.7	64.8
75°	87.6	88.2	89.7	91.1	89.7	88.2	87.6	86.8	85.7	84.5	83.1
72.5°	107.4	108.1	109.1	109.9	109.1	108.1	107.4	106.4	105.2	103.7	101.9
70°	126.0	126.7	127.2	127.3	127.2	126.7	126.0	124.9	123.6	122.0	120.1
67.5°	143.8	144.2	144.1	143.6	144.1	144.2	143.8	142.9	141.7	139.9	137.6
65°	160.0	160.5	160.4	159.8	160.4	160.5	160.0	159.2	158.1	156.4	154.1
62.5°	174.9	175.4	175.8	176.0	175.8	175.4	174.9	174.1	172.9	171.1	168.8
60°	189.0	190.2	190.8	191.0	190.8	190.2	189.0	187.5	185.9	183.8	181.3
57.5°	196.0	196.8	197.2	197.3	197.2	196.8	196.0	195.0	193.9	192.6	190.9
55°	200.8	200.9	200.5	199.8	200.5	200.9	200.8	200.5	199.9	199.0	197.9
52.5°	205.7	204.9	204.6	204.7	204.6	204.9	205.7	206.1	206.1	206.0	205.0
50°	213.8	212.6	212.1	212.2	212.1	212.6	213.8	214.5	215.0	215.4	214.8
47.5°	227.2	227.7	228.2	228.5	228.2	227.7	227.2	226.5	227.0	228.1	228.3
45°	246.4	248.1	249.2	249.7	249.2	248.1	246.4	243.9	243.0	242.8	242.8
42.5°	273.3	275.4	276.2	275.9	276.2	275.4	273.3	269.5	265.8	261.4	257.8
40°	305.6	309.8	312.2	312.1	312.2	309.8	305.6	300.3	295.2	288.6	281.3
37.5°	345.7	351.4	354.2	353.3	354.2	351.4	345.7	338.4	330.2	319.3	309.7
35°	396.4	402.0	404.3	407.0	404.3	402.0	396.4	387.7	376.2	362.1	346.4
32.5°	477.2	488.6	493.1	486.9	493.1	488.6	477.2	459.0	436.0	412.9	390.8
30°	648.8	690.2	717.9	731.6	717.9	690.2	648.8	602.1	533.0	488.0	448.6
27.5°	1159.8	1268.3	1314.2	1339.6	1314.2	1268.3	1159.8	995.9	757.8	669.1	550.5
25°	2144.3	2375.8	2509.0	2498.2	2509.0	2375.8	2144.3	1825.6	1453.5	1131.4	787.4
22.5°	3593.6	3958.9	4178.0	4258.5	4178.0	3958.9	3593.6	3059.7	2485.2	1921.1	1389.7
20°	5390.4	5800.0	6014.2	6046.3	6014.2	5800.0	5390.4	4724.5	3926.7	3004.3	2249.1
17.5°	7452.6	7840.9	8066.6	8063.8	8066.6	7840.9	7452.6	6668.9	5673.1	4487.1	3318.5
15°	10636.2	12139.2	12986.7	12862.8	12986.7	12139.2	10636.2	8894.4	7615.5	6116.2	4522.7
12.5°	17428.2	23430.9	27154.5	28074.0	27154.5	23430.9	17428.2	13018.6	9765.8	7711.4	5799.8
10°	30797.9	39778.5	46950.5	49023.1	46950.5	39778.5	30797.9	20993.2	13303.9	9190.7	6872.4
7.5°	44300.9	54959.3	59345.7	59855.3	59345.7	54959.3	44300.9	31124.6	18185.5	11275.0	7789.6
5°	54492.9	65338.1	66593.5	63440.2	66593.5	65338.1	54492.9	39732.6	24152.5	13401.4	8393.5
2.5°	61220.5	69414.3	70584.5	68887.3	70584.5	69414.3	61220.5	45858.0	27604.0	14829.1	8799.9
0°	62754.8	68330.4	69992.7	70174.4	69992.7	68330.4	62754.8	48040.5	28951.7	15318.5	8909.0
-2.5°	61220.5	69414.3	70584.5	68887.3	70584.5	69414.3	61220.5	45858.0	27604.0	14829.1	8799.9
-5°	54492.9	65338.1	66593.5	63440.2	66593.5	65338.1	54492.9	39732.6	24152.5	13401.4	8393.5
-7.5°	44300.9	54959.3	59345.7	59855.3	59345.7	54959.3	44300.9	31124.6	18185.5	11275.0	7789.6
-10°	30797.9	39778.5	46950.5	49023.1	46950.5	39778.5	30797.9	20993.2	13303.9	9190.7	6872.4
-12.5°	17428.2	23430.9	27154.5	28074.0	27154.5	23430.9	17428.2	13018.6	9765.8	7711.4	5799.8
-15°	10636.2	12139.2	12986.7	12862.8	12986.7	12139.2	10636.2	8894.4	7615.5	6116.2	4522.7
-17.5°	7452.6	7840.9	8066.6	8063.8	8066.6	7840.9	7452.6	6668.9	5673.1	4487.1	3318.5
-20°	5390.4	5800.0	6014.2	6046.3	6014.2	5800.0	5390.4	4724.5	3926.7	3004.3	2249.1



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3593.6	3958.9	4178.0	4258.5	4178.0	3958.9	3593.6	3059.7	2485.2	1921.1	1389.7
-25°	2144.3	2375.8	2509.0	2498.2	2509.0	2375.8	2144.3	1825.6	1453.5	1131.4	787.4
-27.5°	1159.8	1268.3	1314.2	1339.6	1314.2	1268.3	1159.8	995.9	757.8	669.1	550.5
-30°	648.8	690.2	717.9	731.6	717.9	690.2	648.8	602.1	533.0	488.0	448.6
-32.5°	477.2	488.6	493.1	486.9	493.1	488.6	477.2	459.0	436.0	412.9	390.8
-35°	396.4	402.0	404.3	407.0	404.3	402.0	396.4	387.7	376.2	362.1	346.4
-37.5°	345.7	351.4	354.2	353.3	354.2	351.4	345.7	338.4	330.2	319.3	309.7
-40°	305.6	309.8	312.2	312.1	312.2	309.8	305.6	300.3	295.2	288.6	281.3
-42.5°	273.3	275.4	276.2	275.9	276.2	275.4	273.3	269.5	265.8	261.4	257.8
-45°	246.4	248.1	249.2	249.7	249.2	248.1	246.4	243.9	243.0	242.8	242.8
-47.5°	227.2	227.7	228.2	228.5	228.2	227.7	227.2	226.5	227.0	228.1	228.3
-50°	213.8	212.6	212.1	212.2	212.1	212.6	213.8	214.5	215.0	215.4	214.8
-52.5°	205.7	204.9	204.6	204.7	204.6	204.9	205.7	206.1	206.1	206.0	205.0
-55°	200.8	200.9	200.5	199.8	200.5	200.9	200.8	200.5	199.9	199.0	197.9
-57.5°	196.0	196.8	197.2	197.3	197.2	196.8	196.0	195.0	193.9	192.6	190.9
-60°	189.0	190.2	190.8	191.0	190.8	190.2	189.0	187.5	185.9	183.8	181.3
-62.5°	174.9	175.4	175.8	176.0	175.8	175.4	174.9	174.1	172.9	171.1	168.8
-65°	160.0	160.5	160.4	159.8	160.4	160.5	160.0	159.2	158.1	156.4	154.1
-67.5°	143.8	144.2	144.1	143.6	144.1	144.2	143.8	142.9	141.7	139.9	137.6
-70°	126.0	126.7	127.2	127.3	127.2	126.7	126.0	124.9	123.6	122.0	120.1
-72.5°	107.4	108.1	109.1	109.9	109.1	108.1	107.4	106.4	105.2	103.7	101.9
-75°	87.6	88.2	89.7	91.1	89.7	88.2	87.6	86.8	85.7	84.5	83.1
-77.5°	68.8	69.5	69.8	69.9	69.8	69.5	68.8	67.9	66.8	65.7	64.8
-80°	50.6	50.9	51.7	52.4	51.7	50.9	50.6	50.1	49.5	48.8	47.6
-82.5°	33.3	33.5	33.7	33.7	33.7	33.5	33.3	33.0	32.6	32.1	31.3
-85°	19.5	19.9	19.3	18.7	19.3	19.9	19.5	19.0	18.5	17.9	17.6
-87.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	6.8
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.0	5.6	5.8	5.9	6.1	6.1	5.9	5.7	5.5	5.3
85°	17.3	16.8	16.4	15.9	15.5	15.1	14.6	13.9	13.1	12.4	11.6
82.5°	30.5	29.5	28.6	27.8	26.9	26.0	25.0	23.8	22.5	21.0	19.4
80°	46.3	44.8	43.3	42.2	40.8	39.3	37.6	35.9	34.2	32.5	30.8
77.5°	63.6	62.1	60.4	58.7	56.8	54.9	52.8	50.4	47.9	45.4	42.8
75°	81.5	79.8	77.9	75.8	73.4	70.8	68.0	65.0	61.9	58.7	55.3
72.5°	99.9	97.6	95.2	92.7	90.1	87.3	84.1	80.6	76.7	72.5	68.4
70°	117.9	115.5	112.8	109.8	106.5	103.1	99.6	96.0	92.1	87.7	82.5
67.5°	135.0	132.3	129.4	126.1	122.5	118.5	114.6	110.5	106.1	101.5	96.2
65°	151.4	148.2	145.2	141.9	138.2	133.9	129.5	124.9	120.0	114.8	109.0
62.5°	166.3	163.7	160.5	156.8	152.9	148.8	144.1	138.8	133.5	127.9	121.5
60°	178.7	176.1	173.0	169.6	165.9	161.9	157.0	151.7	146.2	140.0	133.5
57.5°	188.8	186.2	183.4	180.4	177.0	173.0	168.4	163.6	157.8	151.5	144.9
55°	196.3	194.4	192.2	189.5	186.3	182.5	178.4	173.6	168.1	162.4	155.3
52.5°	203.1	201.5	199.6	197.6	194.5	190.7	186.9	182.2	177.3	171.4	165.0
50°	213.1	209.9	206.7	203.9	201.1	197.7	193.7	189.6	185.0	179.6	173.4
47.5°	225.8	220.4	215.2	211.1	207.5	203.8	199.9	195.8	191.6	186.7	180.7
45°	238.9	232.7	225.8	220.1	214.7	210.4	206.1	202.0	197.7	192.8	187.3
42.5°	252.9	246.2	238.6	231.1	223.8	217.8	212.5	208.1	203.4	198.6	193.0
40°	272.5	262.2	254.0	244.3	235.3	226.3	220.4	214.5	209.3	203.9	198.4
37.5°	298.5	286.4	273.8	261.2	249.5	238.2	229.7	222.4	215.5	209.5	203.2
35°	328.5	313.0	296.9	281.2	266.7	252.9	240.8	231.3	223.2	215.6	208.4
32.5°	367.7	345.5	324.2	304.6	285.2	268.4	253.8	241.4	231.5	222.9	214.3
30°	411.0	382.0	354.1	331.1	307.6	286.1	266.8	252.2	240.6	230.7	220.6
27.5°	480.9	425.1	389.5	357.8	330.7	305.8	282.7	261.8	249.0	238.4	227.6
25°	632.9	499.4	434.3	391.8	356.6	324.6	298.2	274.3	256.5	244.9	231.3
22.5°	923.9	669.6	502.1	428.1	385.2	346.8	313.9	287.1	262.4	247.9	233.8
20°	1500.7	929.7	643.1	488.2	416.7	368.5	329.8	299.5	272.2	251.2	235.6
17.5°	2280.0	1435.5	821.5	566.1	458.6	395.7	347.7	310.9	281.0	254.8	236.6
15°	3115.0	2009.9	1195.2	713.2	502.9	418.7	362.5	321.4	289.1	260.2	239.3
12.5°	4067.5	2611.1	1540.0	832.5	554.9	444.2	378.8	333.0	297.2	266.6	243.5
10°	4920.5	3218.6	1937.5	1080.1	642.2	469.9	393.9	343.2	304.7	272.0	246.7
7.5°	5615.8	3791.7	2297.2	1264.6	707.9	490.2	406.5	351.8	310.9	275.9	249.1
5°	6060.4	4214.5	2583.8	1402.8	753.5	503.7	415.1	358.2	315.6	278.3	250.6
2.5°	6375.3	4494.5	2765.1	1483.3	777.8	511.0	421.2	362.1	319.1	281.4	253.0
0°	6390.8	4589.3	2826.5	1553.1	782.8	513.1	425.7	363.3	320.9	283.4	254.7
-2.5°	6375.3	4494.5	2765.1	1483.3	777.8	511.0	421.2	362.1	319.1	281.4	253.0
-5°	6060.4	4214.5	2583.8	1402.8	753.5	503.7	415.1	358.2	315.6	278.3	250.6
-7.5°	5615.8	3791.7	2297.2	1264.6	707.9	490.2	406.5	351.8	310.9	275.9	249.1
-10°	4920.5	3218.6	1937.5	1080.1	642.2	469.9	393.9	343.2	304.7	272.0	246.7
-12.5°	4067.5	2611.1	1540.0	832.5	554.9	444.2	378.8	333.0	297.2	266.6	243.5
-15°	3115.0	2009.9	1195.2	713.2	502.9	418.7	362.5	321.4	289.1	260.2	239.3
-17.5°	2280.0	1435.5	821.5	566.1	458.6	395.7	347.7	310.9	281.0	254.8	236.6
-20°	1500.7	929.7	643.1	488.2	416.7	368.5	329.8	299.5	272.2	251.2	235.6



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	923.9	669.6	502.1	428.1	385.2	346.8	313.9	287.1	262.4	247.9	233.8
-25°	632.9	499.4	434.3	391.8	356.6	324.6	298.2	274.3	256.5	244.9	231.3
-27.5°	480.9	425.1	389.5	357.8	330.7	305.8	282.7	261.8	249.0	238.4	227.6
-30°	411.0	382.0	354.1	331.1	307.6	286.1	266.8	252.2	240.6	230.7	220.6
-32.5°	367.7	345.5	324.2	304.6	285.2	268.4	253.8	241.4	231.5	222.9	214.3
-35°	328.5	313.0	296.9	281.2	266.7	252.9	240.8	231.3	223.2	215.6	208.4
-37.5°	298.5	286.4	273.8	261.2	249.5	238.2	229.7	222.4	215.5	209.5	203.2
-40°	272.5	262.2	254.0	244.3	235.3	226.3	220.4	214.5	209.3	203.9	198.4
-42.5°	252.9	246.2	238.6	231.1	223.8	217.8	212.5	208.1	203.4	198.6	193.0
-45°	238.9	232.7	225.8	220.1	214.7	210.4	206.1	202.0	197.7	192.8	187.3
-47.5°	225.8	220.4	215.2	211.1	207.5	203.8	199.9	195.8	191.6	186.7	180.7
-50°	213.1	209.9	206.7	203.9	201.1	197.7	193.7	189.6	185.0	179.6	173.4
-52.5°	203.1	201.5	199.6	197.6	194.5	190.7	186.9	182.2	177.3	171.4	165.0
-55°	196.3	194.4	192.2	189.5	186.3	182.5	178.4	173.6	168.1	162.4	155.3
-57.5°	188.8	186.2	183.4	180.4	177.0	173.0	168.4	163.6	157.8	151.5	144.9
-60°	178.7	176.1	173.0	169.6	165.9	161.9	157.0	151.7	146.2	140.0	133.5
-62.5°	166.3	163.7	160.5	156.8	152.9	148.8	144.1	138.8	133.5	127.9	121.5
-65°	151.4	148.2	145.2	141.9	138.2	133.9	129.5	124.9	120.0	114.8	109.0
-67.5°	135.0	132.3	129.4	126.1	122.5	118.5	114.6	110.5	106.1	101.5	96.2
-70°	117.9	115.5	112.8	109.8	106.5	103.1	99.6	96.0	92.1	87.7	82.5
-72.5°	99.9	97.6	95.2	92.7	90.1	87.3	84.1	80.6	76.7	72.5	68.4
-75°	81.5	79.8	77.9	75.8	73.4	70.8	68.0	65.0	61.9	58.7	55.3
-77.5°	63.6	62.1	60.4	58.7	56.8	54.9	52.8	50.4	47.9	45.4	42.8
-80°	46.3	44.8	43.3	42.2	40.8	39.3	37.6	35.9	34.2	32.5	30.8
-82.5°	30.5	29.5	28.6	27.8	26.9	26.0	25.0	23.8	22.5	21.0	19.4
-85°	17.3	16.8	16.4	15.9	15.5	15.1	14.6	13.9	13.1	12.4	11.6
-87.5°	6.4	6.0	5.6	5.8	5.9	6.1	6.1	5.9	5.7	5.5	5.3
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
85°	11.1	10.5	9.9	9.1	8.3	7.5	6.9	6.3	5.7	5.1	4.5
82.5°	18.2	17.3	16.5	15.6	14.5	13.4	12.2	10.8	9.3	7.8	6.7
80°	28.9	26.9	25.0	23.0	21.1	19.3	17.8	16.0	13.9	11.8	9.8
77.5°	40.1	37.2	34.2	31.5	28.9	26.4	23.9	21.3	18.4	15.7	13.2
75°	51.7	48.2	44.7	41.0	37.2	33.3	30.2	27.0	23.4	19.7	16.5
72.5°	64.4	60.1	55.5	50.7	46.3	41.7	37.1	32.6	28.7	24.5	20.0
70°	77.4	72.3	67.3	61.6	55.8	50.1	44.8	39.4	33.8	29.2	24.2
67.5°	90.4	84.3	78.5	72.3	65.7	59.1	52.5	46.4	40.1	33.8	28.4
65°	102.8	96.2	89.2	82.3	75.2	67.9	60.6	53.4	46.4	39.4	32.5
62.5°	115.0	108.0	100.4	92.3	84.4	76.5	68.5	60.6	52.5	44.8	37.1
60°	126.7	119.2	111.2	102.4	93.6	84.9	76.2	67.6	58.9	50.1	41.7
57.5°	137.6	130.0	121.3	112.2	102.7	93.1	83.8	74.6	65.2	55.6	46.3
55°	148.0	139.9	130.9	121.4	111.4	101.2	91.3	81.3	71.2	61.0	50.7
52.5°	157.7	149.2	139.9	130.2	119.8	109.1	98.7	87.9	77.2	66.3	55.3
50°	166.3	157.9	148.4	138.3	127.8	116.8	106.0	94.5	82.9	71.4	59.8
47.5°	174.0	165.7	156.3	146.1	135.1	124.2	112.8	101.0	88.5	76.3	64.2
45°	180.5	172.8	163.6	153.2	142.5	131.1	119.3	107.3	94.2	81.2	68.5
42.5°	186.7	179.1	170.2	160.0	149.3	137.8	125.4	113.0	99.7	85.8	72.6
40°	192.0	184.9	176.4	166.4	155.9	144.3	131.3	118.2	105.0	90.3	76.5
37.5°	196.9	189.9	181.7	172.9	162.2	150.2	137.1	123.2	109.8	94.8	80.2
35°	201.5	194.4	187.2	178.5	168.0	155.9	142.6	128.0	114.0	99.0	83.7
32.5°	206.0	198.7	191.4	183.3	173.6	161.3	147.6	132.6	117.9	102.9	87.0
30°	211.1	202.4	195.2	187.7	178.6	166.3	152.2	136.8	121.6	106.5	90.1
27.5°	215.2	205.4	198.5	191.2	182.4	170.9	156.2	140.6	125.0	109.7	93.1
25°	218.6	208.5	201.0	194.1	185.9	174.6	159.8	144.0	128.1	112.5	95.8
22.5°	221.3	211.0	203.0	196.8	189.1	177.9	163.0	147.0	130.9	115.0	98.2
20°	222.8	212.9	204.4	199.0	191.8	180.4	165.7	149.6	133.4	117.3	100.4
17.5°	223.3	214.3	206.3	200.4	193.9	182.9	168.1	151.9	135.5	119.4	102.3
15°	225.4	215.5	207.7	201.7	195.6	185.3	170.1	153.9	137.3	121.1	104.0
12.5°	227.6	216.5	208.6	202.7	197.0	187.7	171.8	155.6	138.7	122.6	105.4
10°	229.5	217.2	209.1	203.4	198.2	189.8	173.1	156.9	140.2	123.9	106.5
7.5°	231.1	217.5	209.2	204.0	199.1	191.5	174.3	157.9	141.4	124.9	107.4
5°	232.3	217.6	209.1	204.4	199.9	192.6	175.2	158.5	142.4	125.5	108.1
2.5°	233.2	217.6	208.9	204.6	200.5	193.3	175.8	158.7	143.2	126.0	108.5
0°	233.5	217.2	208.5	204.7	201.0	193.5	176.0	158.6	143.6	126.1	108.6
-2.5°	233.2	217.6	208.9	204.6	200.5	193.3	175.8	158.7	143.2	126.0	108.5
-5°	232.3	217.6	209.1	204.4	199.9	192.6	175.2	158.5	142.4	125.5	108.1
-7.5°	231.1	217.5	209.2	204.0	199.1	191.5	174.3	157.9	141.4	124.9	107.4
-10°	229.5	217.2	209.1	203.4	198.2	189.8	173.1	156.9	140.2	123.9	106.5
-12.5°	227.6	216.5	208.6	202.7	197.0	187.7	171.8	155.6	138.7	122.6	105.4
-15°	225.4	215.5	207.7	201.7	195.6	185.3	170.1	153.9	137.3	121.1	104.0
-17.5°	223.3	214.3	206.3	200.4	193.9	182.9	168.1	151.9	135.5	119.4	102.3
-20°	222.8	212.9	204.4	199.0	191.8	180.4	165.7	149.6	133.4	117.3	100.4



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	221.3	211.0	203.0	196.8	189.1	177.9	163.0	147.0	130.9	115.0	98.2
-25°	218.6	208.5	201.0	194.1	185.9	174.6	159.8	144.0	128.1	112.5	95.8
-27.5°	215.2	205.4	198.5	191.2	182.4	170.9	156.2	140.6	125.0	109.7	93.1
-30°	211.1	202.4	195.2	187.7	178.6	166.3	152.2	136.8	121.6	106.5	90.1
-32.5°	206.0	198.7	191.4	183.3	173.6	161.3	147.6	132.6	117.9	102.9	87.0
-35°	201.5	194.4	187.2	178.5	168.0	155.9	142.6	128.0	114.0	99.0	83.7
-37.5°	196.9	189.9	181.7	172.9	162.2	150.2	137.1	123.2	109.8	94.8	80.2
-40°	192.0	184.9	176.4	166.4	155.9	144.3	131.3	118.2	105.0	90.3	76.5
-42.5°	186.7	179.1	170.2	160.0	149.3	137.8	125.4	113.0	99.7	85.8	72.6
-45°	180.5	172.8	163.6	153.2	142.5	131.1	119.3	107.3	94.2	81.2	68.5
-47.5°	174.0	165.7	156.3	146.1	135.1	124.2	112.8	101.0	88.5	76.3	64.2
-50°	166.3	157.9	148.4	138.3	127.8	116.8	106.0	94.5	82.9	71.4	59.8
-52.5°	157.7	149.2	139.9	130.2	119.8	109.1	98.7	87.9	77.2	66.3	55.3
-55°	148.0	139.9	130.9	121.4	111.4	101.2	91.3	81.3	71.2	61.0	50.7
-57.5°	137.6	130.0	121.3	112.2	102.7	93.1	83.8	74.6	65.2	55.6	46.3
-60°	126.7	119.2	111.2	102.4	93.6	84.9	76.2	67.6	58.9	50.1	41.7
-62.5°	115.0	108.0	100.4	92.3	84.4	76.5	68.5	60.6	52.5	44.8	37.1
-65°	102.8	96.2	89.2	82.3	75.2	67.9	60.6	53.4	46.4	39.4	32.5
-67.5°	90.4	84.3	78.5	72.3	65.7	59.1	52.5	46.4	40.1	33.8	28.4
-70°	77.4	72.3	67.3	61.6	55.8	50.1	44.8	39.4	33.8	29.2	24.2
-72.5°	64.4	60.1	55.5	50.7	46.3	41.7	37.1	32.6	28.7	24.5	20.0
-75°	51.7	48.2	44.7	41.0	37.2	33.3	30.2	27.0	23.4	19.7	16.5
-77.5°	40.1	37.2	34.2	31.5	28.9	26.4	23.9	21.3	18.4	15.7	13.2
-80°	28.9	26.9	25.0	23.0	21.1	19.3	17.8	16.0	13.9	11.8	9.8
-82.5°	18.2	17.3	16.5	15.6	14.5	13.4	12.2	10.8	9.3	7.8	6.7
-85°	11.1	10.5	9.9	9.1	8.3	7.5	6.9	6.3	5.7	5.1	4.5
-87.5°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
-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: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	10.7	8.4	6.5	4.9	3.2	1.6	0.0
75°	13.5	10.8	7.9	5.8	3.9	1.9	0.0
72.5°	16.4	13.2	9.8	6.7	4.5	2.3	0.0
70°	19.3	15.6	11.8	7.8	5.1	2.6	0.0
67.5°	22.9	18.0	13.8	9.3	5.7	2.9	0.0
65°	26.5	20.6	15.7	10.7	6.3	3.2	0.0
62.5°	29.9	23.5	17.6	12.2	6.9	3.5	0.0
60°	33.3	26.3	19.4	13.6	7.5	3.7	0.0
57.5°	37.2	29.0	21.6	15.0	8.4	4.0	0.0
55°	41.0	31.6	23.6	16.4	9.3	4.3	0.0
52.5°	44.7	34.2	25.6	17.7	10.2	4.6	0.0
50°	48.2	37.2	27.6	19.0	11.1	4.8	0.0
47.5°	51.7	40.1	29.4	20.3	11.9	5.1	0.0
45°	55.4	42.8	31.2	21.6	12.7	5.3	0.0
42.5°	58.9	45.5	32.9	22.9	13.4	5.5	0.0
40°	62.3	48.0	34.7	24.0	14.1	5.7	0.0
37.5°	65.6	50.4	36.6	25.2	14.8	5.9	0.0
35°	68.7	52.9	38.4	26.2	15.5	6.1	0.0
32.5°	71.6	55.3	40.2	27.2	16.1	6.3	0.0
30°	74.2	57.6	41.7	28.2	16.6	6.5	0.0
27.5°	76.7	59.7	43.3	29.0	17.2	6.7	0.0
25°	79.0	61.7	44.7	29.8	17.7	6.8	0.0
22.5°	81.1	63.5	46.0	30.6	18.1	6.9	0.0
20°	83.0	65.1	47.2	31.2	18.5	7.0	0.0
17.5°	84.6	66.6	48.3	31.8	18.8	7.2	0.0
15°	86.0	67.8	49.3	32.3	19.1	7.2	0.0
12.5°	87.2	68.9	50.1	32.7	19.4	7.3	0.0
10°	88.2	69.7	50.9	33.1	19.6	7.4	0.0
7.5°	88.9	70.4	51.4	33.3	19.8	7.4	0.0
5°	89.5	70.8	51.9	33.5	19.9	7.5	0.0
2.5°	89.8	71.1	52.2	33.7	20.0	7.5	0.0
0°	89.9	71.2	52.4	33.7	20.0	7.5	0.0
-2.5°	89.8	71.1	52.2	33.7	20.0	7.5	0.0
-5°	89.5	70.8	51.9	33.5	19.9	7.5	0.0
-7.5°	88.9	70.4	51.4	33.3	19.8	7.4	0.0
-10°	88.2	69.7	50.9	33.1	19.6	7.4	0.0
-12.5°	87.2	68.9	50.1	32.7	19.4	7.3	0.0
-15°	86.0	67.8	49.3	32.3	19.1	7.2	0.0
-17.5°	84.6	66.6	48.3	31.8	18.8	7.2	0.0
-20°	83.0	65.1	47.2	31.2	18.5	7.0	0.0



REPORT NUMBER: P558887 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	81.1	63.5	46.0	30.6	18.1	6.9	0.0
-25°	79.0	61.7	44.7	29.8	17.7	6.8	0.0
-27.5°	76.7	59.7	43.3	29.0	17.2	6.7	0.0
-30°	74.2	57.6	41.7	28.2	16.6	6.5	0.0
-32.5°	71.6	55.3	40.2	27.2	16.1	6.3	0.0
-35°	68.7	52.9	38.4	26.2	15.5	6.1	0.0
-37.5°	65.6	50.4	36.6	25.2	14.8	5.9	0.0
-40°	62.3	48.0	34.7	24.0	14.1	5.7	0.0
-42.5°	58.9	45.5	32.9	22.9	13.4	5.5	0.0
-45°	55.4	42.8	31.2	21.6	12.7	5.3	0.0
-47.5°	51.7	40.1	29.4	20.3	11.9	5.1	0.0
-50°	48.2	37.2	27.6	19.0	11.1	4.8	0.0
-52.5°	44.7	34.2	25.6	17.7	10.2	4.6	0.0
-55°	41.0	31.6	23.6	16.4	9.3	4.3	0.0
-57.5°	37.2	29.0	21.6	15.0	8.4	4.0	0.0
-60°	33.3	26.3	19.4	13.6	7.5	3.7	0.0
-62.5°	29.9	23.5	17.6	12.2	6.9	3.5	0.0
-65°	26.5	20.6	15.7	10.7	6.3	3.2	0.0
-67.5°	22.9	18.0	13.8	9.3	5.7	2.9	0.0
-70°	19.3	15.6	11.8	7.8	5.1	2.6	0.0
-72.5°	16.4	13.2	9.8	6.7	4.5	2.3	0.0
-75°	13.5	10.8	7.9	5.8	3.9	1.9	0.0
-77.5°	10.7	8.4	6.5	4.9	3.2	1.6	0.0
-80°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)