

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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-927-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

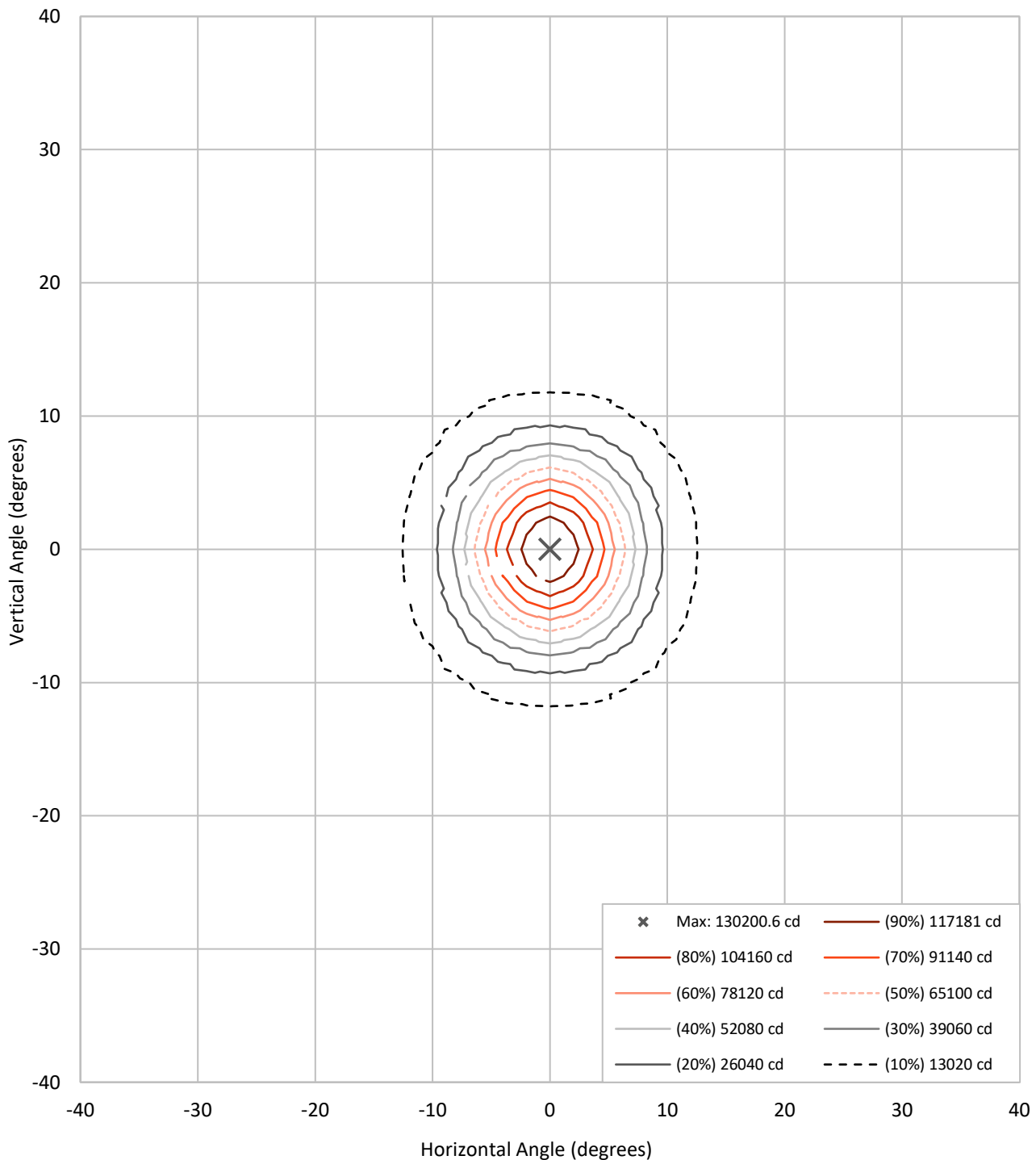
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9437.8 lumens	Max Intensity:	130200.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2982.2 lumens	Field Lumens:	6606.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 91
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-SA3B-927-U-TS-XX

Iso-Candela Plot





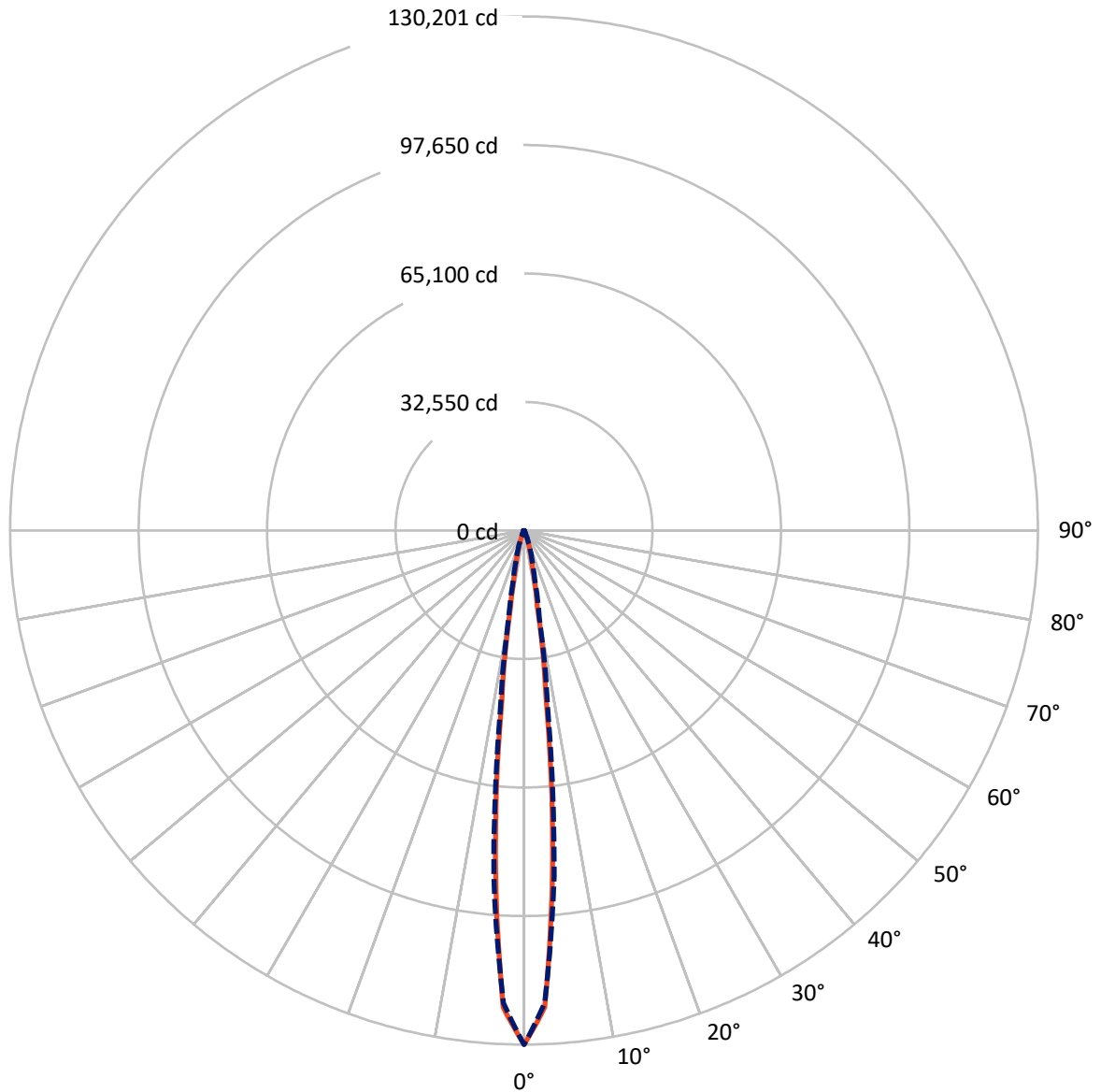
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Lumen Table

90	0.1	1.1		3.0		4.9		5.6		4.9		3.0		1.1		0.1			
80	0.1	1.1		3.0		4.9		5.6		4.9		3.0		1.1		0.1			
70	0.5	0.6	1.2	2.0	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.0	1.2	0.6	0.5			
60		0.9	1.8	2.8	3.6	4.2	4.6	4.8	4.8	4.6	4.2	3.6	2.8	1.8	0.9				
50	0.9	1.2	2.2	3.2	4.0	4.7	5.3	5.5	5.5	5.3	4.7	4.0	3.2	2.2	1.2	0.9			
40		1.4	2.5	3.5	4.5	5.8	7.2	8.1	8.1	7.2	5.8	4.5	3.5	2.5	1.4				
30	1.2	1.6	2.7	3.7	5.3	8.2	18.1	32.9	32.9	18.1	8.2	5.3	3.7	2.7	1.6	1.2			
20		1.7	2.7	3.9	6.2	17.5	99.0	217.7	217.7	99.0	17.5	6.2	3.9	2.7	1.7				
10	1.3	1.7	2.8	4.0	6.9	33.6	237.6	1536.8	1536.8	237.6	33.6	6.9	4.0	2.8	1.7	1.3			
0		1.7	2.8	4.0	6.9	33.6	237.6	1536.8	1536.8	237.6	33.6	6.9	4.0	2.8	1.7				
-10	1.2	1.7	2.7	3.9	6.2	17.5	99.0	217.7	217.7	99.0	17.5	6.2	3.9	2.7	1.7	1.2			
-20		1.6	2.7	3.7	5.3	8.2	18.1	32.9	32.9	18.1	8.2	5.3	3.7	2.7	1.6				
-30	0.9	1.4	2.5	3.5	4.5	5.8	7.2	8.1	8.1	7.2	5.8	4.5	3.5	2.5	1.4	0.9			
-40		1.2	2.2	3.2	4.0	4.7	5.3	5.5	5.5	5.3	4.7	4.0	3.2	2.2	1.2				
-50	0.5	0.9	1.8	2.8	3.6	4.2	4.6	4.8	4.8	4.6	4.2	3.6	2.8	1.8	0.9	0.5			
-60		0.6	1.2	2.0	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.0	1.2	0.6				
-70	0.1	1.1		3.0		4.9		5.6		4.9		3.0		1.1		0.1			
-80		1.1		3.0		4.9		5.6		4.9		3.0		1.1					
-90	0.1	1.1		3.0		4.9		5.6		4.9		3.0		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

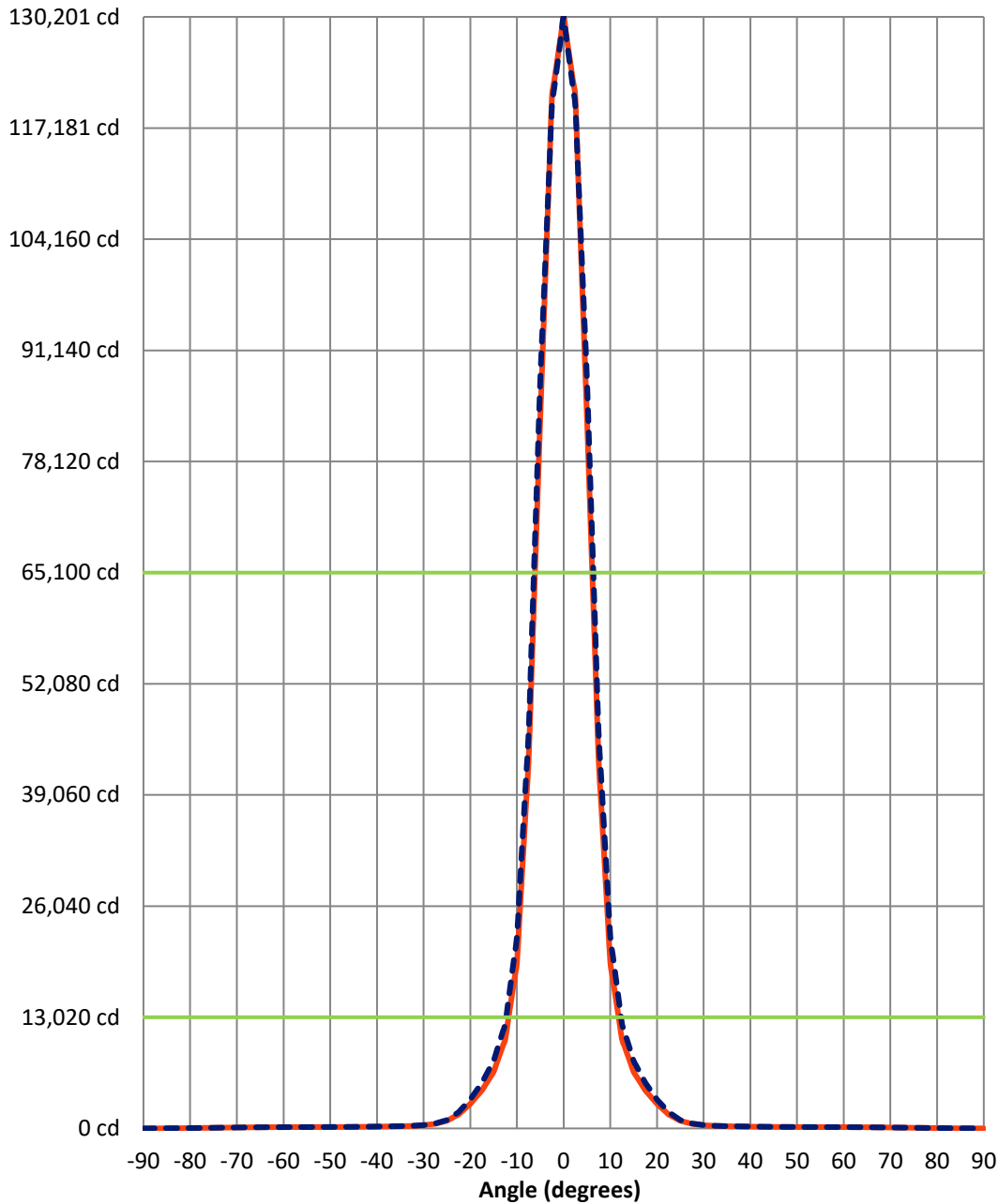
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 2982.2
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 6606.6
 Efficiency: 70.0%

Spill:
 Lumens: 2831.2
 Efficiency: 30.0%

- 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	0.3	0.6	0.9	1.1	1.4	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.6	1.2	1.8	2.3	2.7	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.9	1.8	2.6	3.4	4.1	4.7	5.5	6.3	7.5	8.7
80°	0.0	1.2	2.4	3.5	4.5	5.5	6.4	7.9	9.4	11.1	12.7
77.5°	0.0	1.5	3.0	4.4	5.7	7.0	8.6	10.5	12.5	14.6	16.8
75°	0.0	1.8	3.6	5.3	6.8	8.9	10.9	13.1	15.6	18.5	21.1
72.5°	0.0	2.1	4.2	6.1	8.3	10.7	13.1	15.9	19.3	22.4	25.5
70°	0.0	2.4	4.8	7.0	9.8	12.5	15.3	19.1	22.8	26.4	31.3
67.5°	0.0	2.7	5.4	8.1	11.2	14.3	18.1	22.3	26.4	31.9	37.5
65°	0.0	3.0	5.9	9.2	12.6	16.3	20.8	25.4	31.0	37.1	43.6
62.5°	0.0	3.2	6.5	10.2	14.0	18.5	23.4	29.0	35.5	42.4	50.0
60°	0.0	3.5	7.0	11.2	15.4	20.6	26.0	32.7	39.9	48.0	56.2
57.5°	0.0	3.8	7.6	12.2	17.0	22.7	29.1	36.4	44.6	53.5	62.5
55°	0.0	4.0	8.3	13.2	18.6	24.7	32.1	39.9	49.4	58.9	68.7
52.5°	0.0	4.3	8.9	14.2	20.1	26.7	35.1	43.9	54.0	64.4	74.8
50°	0.0	4.5	9.5	15.1	21.6	29.1	37.9	47.9	58.5	69.6	80.8
47.5°	0.0	4.7	10.1	16.0	23.0	31.4	40.8	51.7	63.0	74.7	86.7
45°	0.0	4.9	10.6	17.0	24.4	33.6	43.9	55.3	67.4	79.9	92.4
42.5°	0.0	5.2	11.2	18.0	25.7	35.7	46.8	58.9	71.6	84.8	97.3
40°	0.0	5.4	11.7	18.9	27.1	37.7	49.6	62.4	75.7	89.6	101.8
37.5°	0.0	5.6	12.2	19.7	28.6	39.7	52.3	65.7	79.7	93.9	106.2
35°	0.0	5.7	12.6	20.5	30.1	41.7	54.8	68.9	83.4	97.5	110.1
32.5°	0.0	5.9	13.0	21.3	31.5	43.6	57.1	71.9	86.9	100.9	113.5
30°	0.0	6.1	13.4	21.9	32.7	45.4	59.5	74.6	90.2	104.0	116.6
27.5°	0.0	6.2	13.8	22.5	33.9	47.1	61.7	77.3	93.0	107.0	119.5
25°	0.0	6.3	14.1	23.1	35.0	48.6	63.7	79.6	95.3	109.4	122.1
22.5°	0.0	6.5	14.5	23.6	35.9	50.0	65.5	81.8	97.5	111.6	124.1
20°	0.0	6.6	14.7	24.0	36.8	51.3	67.2	83.7	99.4	113.5	126.0
17.5°	0.0	6.7	15.0	24.4	37.6	52.4	68.6	85.4	101.1	115.2	127.6
15°	0.0	6.8	15.2	24.7	38.3	53.4	69.9	86.8	102.5	116.6	129.0
12.5°	0.0	6.8	15.4	25.0	38.9	54.2	71.1	88.0	103.7	117.9	130.2
10°	0.0	6.9	15.5	25.2	39.4	54.9	72.0	89.0	104.7	118.8	131.2
7.5°	0.0	6.9	15.6	25.3	39.8	55.4	72.7	89.7	105.4	119.5	131.8
5°	0.0	7.0	15.7	25.4	40.1	55.8	73.2	90.1	105.9	120.0	132.3
2.5°	0.0	7.0	15.8	25.4	40.2	56.0	73.5	90.3	106.1	120.2	132.5
0°	0.0	7.0	15.8	25.4	40.3	56.1	73.6	90.3	106.1	120.1	132.4
-2.5°	0.0	7.0	15.8	25.4	40.2	56.0	73.5	90.3	106.1	120.2	132.5
-5°	0.0	7.0	15.7	25.4	40.1	55.8	73.2	90.1	105.9	120.0	132.3
-7.5°	0.0	6.9	15.6	25.3	39.8	55.4	72.7	89.7	105.4	119.5	131.8
-10°	0.0	6.9	15.5	25.2	39.4	54.9	72.0	89.0	104.7	118.8	131.2
-12.5°	0.0	6.8	15.4	25.0	38.9	54.2	71.1	88.0	103.7	117.9	130.2
-15°	0.0	6.8	15.2	24.7	38.3	53.4	69.9	86.8	102.5	116.6	129.0
-17.5°	0.0	6.7	15.0	24.4	37.6	52.4	68.6	85.4	101.1	115.2	127.6
-20°	0.0	6.6	14.7	24.0	36.8	51.3	67.2	83.7	99.4	113.5	126.0



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.5	14.5	23.6	35.9	50.0	65.5	81.8	97.5	111.6	124.1
-25°	0.0	6.3	14.1	23.1	35.0	48.6	63.7	79.6	95.3	109.4	122.1
-27.5°	0.0	6.2	13.8	22.5	33.9	47.1	61.7	77.3	93.0	107.0	119.5
-30°	0.0	6.1	13.4	21.9	32.7	45.4	59.5	74.6	90.2	104.0	116.6
-32.5°	0.0	5.9	13.0	21.3	31.5	43.6	57.1	71.9	86.9	100.9	113.5
-35°	0.0	5.7	12.6	20.5	30.1	41.7	54.8	68.9	83.4	97.5	110.1
-37.5°	0.0	5.6	12.2	19.7	28.6	39.7	52.3	65.7	79.7	93.9	106.2
-40°	0.0	5.4	11.7	18.9	27.1	37.7	49.6	62.4	75.7	89.6	101.8
-42.5°	0.0	5.2	11.2	18.0	25.7	35.7	46.8	58.9	71.6	84.8	97.3
-45°	0.0	4.9	10.6	17.0	24.4	33.6	43.9	55.3	67.4	79.9	92.4
-47.5°	0.0	4.7	10.1	16.0	23.0	31.4	40.8	51.7	63.0	74.7	86.7
-50°	0.0	4.5	9.5	15.1	21.6	29.1	37.9	47.9	58.5	69.6	80.8
-52.5°	0.0	4.3	8.9	14.2	20.1	26.7	35.1	43.9	54.0	64.4	74.8
-55°	0.0	4.0	8.3	13.2	18.6	24.7	32.1	39.9	49.4	58.9	68.7
-57.5°	0.0	3.8	7.6	12.2	17.0	22.7	29.1	36.4	44.6	53.5	62.5
-60°	0.0	3.5	7.0	11.2	15.4	20.6	26.0	32.7	39.9	48.0	56.2
-62.5°	0.0	3.2	6.5	10.2	14.0	18.5	23.4	29.0	35.5	42.4	50.0
-65°	0.0	3.0	5.9	9.2	12.6	16.3	20.8	25.4	31.0	37.1	43.6
-67.5°	0.0	2.7	5.4	8.1	11.2	14.3	18.1	22.3	26.4	31.9	37.5
-70°	0.0	2.4	4.8	7.0	9.8	12.5	15.3	19.1	22.8	26.4	31.3
-72.5°	0.0	2.1	4.2	6.1	8.3	10.7	13.1	15.9	19.3	22.4	25.5
-75°	0.0	1.8	3.6	5.3	6.8	8.9	10.9	13.1	15.6	18.5	21.1
-77.5°	0.0	1.5	3.0	4.4	5.7	7.0	8.6	10.5	12.5	14.6	16.8
-80°	0.0	1.2	2.4	3.5	4.5	5.5	6.4	7.9	9.4	11.1	12.7
-82.5°	0.0	0.9	1.8	2.6	3.4	4.1	4.7	5.5	6.3	7.5	8.7
-85°	0.0	0.6	1.2	1.8	2.3	2.7	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.6	1.8	2.1	2.3	2.6
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
85°	5.6	6.1	6.7	7.3	7.8	8.2	8.6	9.0	9.5	10.1	10.6
82.5°	9.6	10.5	11.2	11.8	12.4	13.0	13.7	14.7	16.0	17.3	18.5
80°	13.9	14.9	16.3	17.8	19.5	21.0	22.5	24.0	25.5	27.3	29.0
77.5°	18.7	20.7	22.9	25.2	27.5	30.1	32.7	35.4	37.9	40.0	41.9
75°	23.7	26.4	30.0	33.6	37.1	40.5	44.0	47.4	50.3	53.1	55.9
72.5°	29.5	33.9	38.2	42.4	46.8	51.1	55.2	59.0	62.8	66.5	70.1
70°	36.4	41.4	46.6	51.9	57.1	61.9	66.6	71.3	76.0	80.2	84.0
67.5°	43.3	49.3	55.3	61.3	67.0	72.4	77.9	83.4	88.6	93.0	96.9
65°	50.5	57.1	63.9	70.3	76.5	82.9	89.1	95.1	100.0	104.1	108.0
62.5°	57.4	65.0	72.3	79.4	86.4	93.3	99.3	104.7	109.8	114.2	118.5
60°	64.5	72.8	80.7	88.5	95.9	102.3	108.4	113.8	118.9	123.8	127.4
57.5°	71.6	80.5	89.0	97.1	104.1	110.7	116.6	122.3	126.7	130.6	134.5
55°	78.5	88.0	96.8	104.7	111.9	118.2	124.1	128.9	133.3	136.9	140.8
52.5°	85.2	95.2	103.9	111.9	118.8	125.0	130.2	134.9	139.1	142.8	146.0
50°	91.8	101.6	110.7	118.2	125.0	130.9	135.8	140.4	144.4	147.8	150.6
47.5°	97.7	107.8	116.3	124.0	130.5	136.1	140.9	145.2	149.2	152.2	155.0
45°	103.2	113.1	121.8	129.1	135.5	140.7	145.4	149.9	153.1	156.1	158.3
42.5°	108.5	118.0	126.5	134.1	139.8	144.8	149.5	153.4	156.8	159.4	161.7
40°	112.9	122.8	130.9	137.8	143.6	148.4	152.7	156.6	160.0	162.6	165.1
37.5°	117.1	126.7	134.9	141.4	146.8	151.5	155.8	159.4	162.7	165.5	168.9
35°	121.2	130.4	138.0	144.3	149.5	154.2	158.3	162.1	165.3	169.1	173.0
32.5°	124.6	133.8	141.0	146.7	151.8	156.6	160.7	164.5	168.2	172.5	177.4
30°	127.5	136.4	143.5	148.8	154.0	158.5	162.9	166.9	171.1	176.2	182.6
27.5°	130.2	138.8	145.3	150.7	155.9	160.1	164.7	169.3	174.2	180.1	188.1
25°	132.7	140.9	146.9	152.4	157.2	161.6	166.4	171.1	177.1	185.0	195.5
22.5°	134.7	142.9	148.3	153.9	158.3	163.0	167.9	173.2	180.0	189.5	203.3
20°	136.3	144.1	149.5	155.0	159.3	164.2	169.2	175.0	183.1	195.5	211.5
17.5°	137.8	145.1	150.5	155.7	160.2	165.3	170.4	176.4	185.6	201.1	219.0
15°	139.1	145.9	151.4	156.3	161.0	166.1	171.4	178.3	189.1	206.5	225.8
12.5°	140.2	146.6	152.0	156.8	161.6	166.6	172.3	179.9	192.7	211.5	232.6
10°	141.1	147.1	152.4	157.1	162.1	166.9	173.0	181.0	195.3	214.4	236.5
7.5°	141.7	147.5	152.7	157.2	162.3	167.0	173.5	181.5	196.9	215.9	238.7
5°	142.0	147.8	153.1	157.5	162.7	167.2	173.9	181.6	197.6	216.2	239.5
2.5°	142.1	148.0	153.3	157.7	162.9	167.8	174.7	182.6	198.2	217.3	240.1
0°	142.0	148.1	153.4	157.8	163.0	168.3	175.3	183.2	198.1	218.3	240.2
-2.5°	142.1	148.0	153.3	157.7	162.9	167.8	174.7	182.6	198.2	217.3	240.1
-5°	142.0	147.8	153.1	157.5	162.7	167.2	173.9	181.6	197.6	216.2	239.5
-7.5°	141.7	147.5	152.7	157.2	162.3	167.0	173.5	181.5	196.9	215.9	238.7
-10°	141.1	147.1	152.4	157.1	162.1	166.9	173.0	181.0	195.3	214.4	236.5
-12.5°	140.2	146.6	152.0	156.8	161.6	166.6	172.3	179.9	192.7	211.5	232.6
-15°	139.1	145.9	151.4	156.3	161.0	166.1	171.4	178.3	189.1	206.5	225.8
-17.5°	137.8	145.1	150.5	155.7	160.2	165.3	170.4	176.4	185.6	201.1	219.0
-20°	136.3	144.1	149.5	155.0	159.3	164.2	169.2	175.0	183.1	195.5	211.5



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	134.7	142.9	148.3	153.9	158.3	163.0	167.9	173.2	180.0	189.5	203.3
-25°	132.7	140.9	146.9	152.4	157.2	161.6	166.4	171.1	177.1	185.0	195.5
-27.5°	130.2	138.8	145.3	150.7	155.9	160.1	164.7	169.3	174.2	180.1	188.1
-30°	127.5	136.4	143.5	148.8	154.0	158.5	162.9	166.9	171.1	176.2	182.6
-32.5°	124.6	133.8	141.0	146.7	151.8	156.6	160.7	164.5	168.2	172.5	177.4
-35°	121.2	130.4	138.0	144.3	149.5	154.2	158.3	162.1	165.3	169.1	173.0
-37.5°	117.1	126.7	134.9	141.4	146.8	151.5	155.8	159.4	162.7	165.5	168.9
-40°	112.9	122.8	130.9	137.8	143.6	148.4	152.7	156.6	160.0	162.6	165.1
-42.5°	108.5	118.0	126.5	134.1	139.8	144.8	149.5	153.4	156.8	159.4	161.7
-45°	103.2	113.1	121.8	129.1	135.5	140.7	145.4	149.9	153.1	156.1	158.3
-47.5°	97.7	107.8	116.3	124.0	130.5	136.1	140.9	145.2	149.2	152.2	155.0
-50°	91.8	101.6	110.7	118.2	125.0	130.9	135.8	140.4	144.4	147.8	150.6
-52.5°	85.2	95.2	103.9	111.9	118.8	125.0	130.2	134.9	139.1	142.8	146.0
-55°	78.5	88.0	96.8	104.7	111.9	118.2	124.1	128.9	133.3	136.9	140.8
-57.5°	71.6	80.5	89.0	97.1	104.1	110.7	116.6	122.3	126.7	130.6	134.5
-60°	64.5	72.8	80.7	88.5	95.9	102.3	108.4	113.8	118.9	123.8	127.4
-62.5°	57.4	65.0	72.3	79.4	86.4	93.3	99.3	104.7	109.8	114.2	118.5
-65°	50.5	57.1	63.9	70.3	76.5	82.9	89.1	95.1	100.0	104.1	108.0
-67.5°	43.3	49.3	55.3	61.3	67.0	72.4	77.9	83.4	88.6	93.0	96.9
-70°	36.4	41.4	46.6	51.9	57.1	61.9	66.6	71.3	76.0	80.2	84.0
-72.5°	29.5	33.9	38.2	42.4	46.8	51.1	55.2	59.0	62.8	66.5	70.1
-75°	23.7	26.4	30.0	33.6	37.1	40.5	44.0	47.4	50.3	53.1	55.9
-77.5°	18.7	20.7	22.9	25.2	27.5	30.1	32.7	35.4	37.9	40.0	41.9
-80°	13.9	14.9	16.3	17.8	19.5	21.0	22.5	24.0	25.5	27.3	29.0
-82.5°	9.6	10.5	11.2	11.8	12.4	13.0	13.7	14.7	16.0	17.3	18.5
-85°	5.6	6.1	6.7	7.3	7.8	8.2	8.6	9.0	9.5	10.1	10.6
-87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-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°	5.0	5.0	4.9	4.9	4.8	4.9	5.0	5.1	5.1	5.2	5.2
85°	11.1	11.6	12.1	12.6	13.1	13.4	13.7	14.0	14.2	14.4	14.6
82.5°	19.6	20.6	21.5	22.3	23.1	23.7	24.2	24.7	25.1	25.5	25.8
80°	30.6	32.1	33.6	34.9	36.1	37.1	37.9	38.6	39.2	39.8	40.3
77.5°	43.8	45.9	47.9	49.7	51.3	52.7	53.8	54.9	55.7	56.8	57.7
75°	58.6	61.2	63.5	65.6	67.5	69.3	70.8	72.2	73.3	74.5	75.4
72.5°	73.5	76.5	79.2	81.5	83.5	85.5	87.5	89.3	91.0	92.2	93.2
70°	87.4	90.6	93.4	96.0	98.5	101.0	103.5	105.8	108.0	109.3	110.1
67.5°	100.2	103.4	106.7	109.9	112.8	115.4	118.0	120.3	122.4	123.8	124.7
65°	111.8	115.4	118.9	122.2	125.2	127.4	129.8	132.0	134.0	135.7	136.9
62.5°	122.7	126.2	129.2	131.9	134.6	136.8	139.0	141.0	142.8	144.4	145.8
60°	131.0	134.5	137.4	140.0	142.4	144.6	146.4	147.9	149.1	150.1	151.0
57.5°	138.0	141.4	144.3	146.5	148.6	150.7	152.3	153.2	153.9	154.5	154.9
55°	144.2	146.9	149.3	151.7	153.8	155.6	157.0	157.6	158.0	158.2	158.4
52.5°	149.1	151.7	154.2	156.5	158.1	159.7	161.0	161.4	161.6	161.7	161.7
50°	153.6	156.2	158.2	160.1	161.8	163.2	164.3	164.8	165.1	165.2	165.0
47.5°	157.2	159.4	161.6	163.6	165.3	166.9	168.2	169.0	169.5	169.7	169.7
45°	160.4	163.0	165.3	167.6	169.6	171.7	173.5	174.7	176.0	176.8	177.2
42.5°	164.2	166.8	169.3	172.5	175.4	178.1	181.1	183.7	186.4	189.4	191.3
40°	168.0	170.8	174.8	178.6	182.8	186.6	192.9	199.2	204.0	208.0	211.6
37.5°	172.3	176.5	181.3	186.1	193.1	200.2	208.1	215.9	222.6	228.7	233.7
35°	177.4	182.9	188.8	197.5	206.3	215.1	224.5	234.8	243.6	250.0	254.6
32.5°	183.5	190.5	199.9	211.0	221.8	233.2	244.6	256.2	264.8	273.7	282.6
30°	190.3	200.4	212.6	226.0	239.5	253.2	267.6	283.5	298.7	315.0	338.3
27.5°	199.0	211.3	225.6	241.5	257.8	274.1	299.1	326.5	367.1	399.6	454.7
25°	208.3	222.7	239.7	258.2	278.0	307.3	353.0	407.0	502.8	577.1	689.8
22.5°	218.7	235.6	254.4	275.6	307.6	362.8	441.0	579.8	773.0	963.8	1175.9
20°	228.9	247.6	268.2	300.3	354.7	441.9	611.3	911.5	1246.7	1724.1	2124.7
17.5°	238.6	258.5	284.6	327.9	409.4	584.8	912.9	1427.1	2127.3	2896.8	3538.4
15°	247.1	267.4	302.5	371.2	508.8	781.9	1277.5	2152.6	3329.1	4382.6	5322.2
12.5°	254.2	278.3	322.0	406.2	595.1	999.4	1794.4	3037.0	4473.7	5951.1	7140.3
10°	259.5	289.9	348.1	470.8	732.3	1258.3	2225.2	3792.6	5522.5	7318.2	9467.9
7.5°	262.6	298.3	367.9	518.9	854.7	1546.5	2765.6	4467.3	6453.8	8905.2	12189.6
5°	264.9	303.9	382.5	555.0	936.5	1737.1	3106.8	4978.4	7257.3	10801.9	17561.4
2.5°	266.0	306.3	390.8	574.9	973.7	1835.0	3347.0	5271.1	7746.3	12139.9	21282.6
0°	265.6	305.0	391.8	579.4	979.1	1909.9	3386.9	5354.6	7911.5	12259.9	22475.7
-2.5°	266.0	306.3	390.8	574.9	973.7	1835.0	3347.0	5271.1	7746.3	12139.9	21282.6
-5°	264.9	303.9	382.5	555.0	936.5	1737.1	3106.8	4978.4	7257.3	10801.9	17561.4
-7.5°	262.6	298.3	367.9	518.9	854.7	1546.5	2765.6	4467.3	6453.8	8905.2	12189.6
-10°	259.5	289.9	348.1	470.8	732.3	1258.3	2225.2	3792.6	5522.5	7318.2	9467.9
-12.5°	254.2	278.3	322.0	406.2	595.1	999.4	1794.4	3037.0	4473.7	5951.1	7140.3
-15°	247.1	267.4	302.5	371.2	508.8	781.9	1277.5	2152.6	3329.1	4382.6	5322.2
-17.5°	238.6	258.5	284.6	327.9	409.4	584.8	912.9	1427.1	2127.3	2896.8	3538.4
-20°	228.9	247.6	268.2	300.3	354.7	441.9	611.3	911.5	1246.7	1724.1	2124.7



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	218.7	235.6	254.4	275.6	307.6	362.8	441.0	579.8	773.0	963.8	1175.9
-25°	208.3	222.7	239.7	258.2	278.0	307.3	353.0	407.0	502.8	577.1	689.8
-27.5°	199.0	211.3	225.6	241.5	257.8	274.1	299.1	326.5	367.1	399.6	454.7
-30°	190.3	200.4	212.6	226.0	239.5	253.2	267.6	283.5	298.7	315.0	338.3
-32.5°	183.5	190.5	199.9	211.0	221.8	233.2	244.6	256.2	264.8	273.7	282.6
-35°	177.4	182.9	188.8	197.5	206.3	215.1	224.5	234.8	243.6	250.0	254.6
-37.5°	172.3	176.5	181.3	186.1	193.1	200.2	208.1	215.9	222.6	228.7	233.7
-40°	168.0	170.8	174.8	178.6	182.8	186.6	192.9	199.2	204.0	208.0	211.6
-42.5°	164.2	166.8	169.3	172.5	175.4	178.1	181.1	183.7	186.4	189.4	191.3
-45°	160.4	163.0	165.3	167.6	169.6	171.7	173.5	174.7	176.0	176.8	177.2
-47.5°	157.2	159.4	161.6	163.6	165.3	166.9	168.2	169.0	169.5	169.7	169.7
-50°	153.6	156.2	158.2	160.1	161.8	163.2	164.3	164.8	165.1	165.2	165.0
-52.5°	149.1	151.7	154.2	156.5	158.1	159.7	161.0	161.4	161.6	161.7	161.7
-55°	144.2	146.9	149.3	151.7	153.8	155.6	157.0	157.6	158.0	158.2	158.4
-57.5°	138.0	141.4	144.3	146.5	148.6	150.7	152.3	153.2	153.9	154.5	154.9
-60°	131.0	134.5	137.4	140.0	142.4	144.6	146.4	147.9	149.1	150.1	151.0
-62.5°	122.7	126.2	129.2	131.9	134.6	136.8	139.0	141.0	142.8	144.4	145.8
-65°	111.8	115.4	118.9	122.2	125.2	127.4	129.8	132.0	134.0	135.7	136.9
-67.5°	100.2	103.4	106.7	109.9	112.8	115.4	118.0	120.3	122.4	123.8	124.7
-70°	87.4	90.6	93.4	96.0	98.5	101.0	103.5	105.8	108.0	109.3	110.1
-72.5°	73.5	76.5	79.2	81.5	83.5	85.5	87.5	89.3	91.0	92.2	93.2
-75°	58.6	61.2	63.5	65.6	67.5	69.3	70.8	72.2	73.3	74.5	75.4
-77.5°	43.8	45.9	47.9	49.7	51.3	52.7	53.8	54.9	55.7	56.8	57.7
-80°	30.6	32.1	33.6	34.9	36.1	37.1	37.9	38.6	39.2	39.8	40.3
-82.5°	19.6	20.6	21.5	22.3	23.1	23.7	24.2	24.7	25.1	25.5	25.8
-85°	11.1	11.6	12.1	12.6	13.1	13.4	13.7	14.0	14.2	14.4	14.6
-87.5°	5.0	5.0	4.9	4.9	4.8	4.9	5.0	5.1	5.1	5.2	5.2
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1
85°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.2	14.0
82.5°	26.0	26.2	26.3	26.3	26.3	26.2	26.0	25.8	25.5	25.1	24.7
80°	40.7	41.0	41.1	41.2	41.1	41.0	40.7	40.3	39.8	39.2	38.6
77.5°	58.6	59.2	59.5	59.6	59.5	59.2	58.6	57.7	56.8	55.7	54.9
75°	76.2	76.7	77.0	77.1	77.0	76.7	76.2	75.4	74.5	73.3	72.2
72.5°	93.8	94.2	95.0	95.5	95.0	94.2	93.8	93.2	92.2	91.0	89.3
70°	110.6	110.8	111.6	112.2	111.6	110.8	110.6	110.1	109.3	108.0	105.8
67.5°	125.3	125.7	125.7	125.3	125.7	125.7	125.3	124.7	123.8	122.4	120.3
65°	138.0	138.8	138.9	138.5	138.9	138.8	138.0	136.9	135.7	134.0	132.0
62.5°	147.2	148.4	148.9	149.0	148.9	148.4	147.2	145.8	144.4	142.8	141.0
60°	151.7	152.2	152.5	152.5	152.5	152.2	151.7	151.0	150.1	149.1	147.9
57.5°	155.0	155.0	155.1	155.1	155.1	155.0	155.0	154.9	154.5	153.9	153.2
55°	158.5	158.5	158.2	157.8	158.2	158.5	158.5	158.4	158.2	158.0	157.6
52.5°	161.6	161.3	160.9	160.4	160.9	161.3	161.6	161.7	161.7	161.6	161.4
50°	164.6	164.1	163.8	163.9	163.8	164.1	164.6	165.0	165.2	165.1	164.8
47.5°	169.6	169.2	169.1	169.2	169.1	169.2	169.6	169.7	169.7	169.5	169.0
45°	177.4	177.1	176.9	177.1	176.9	177.1	177.4	177.2	176.8	176.0	174.7
42.5°	192.4	192.5	192.4	192.8	192.4	192.5	192.4	191.3	189.4	186.4	183.7
40°	213.1	213.0	212.3	212.1	212.3	213.0	213.1	211.6	208.0	204.0	199.2
37.5°	235.7	235.7	235.0	234.9	235.0	235.7	235.7	233.7	228.7	222.6	215.9
35°	257.0	257.8	257.7	256.8	257.7	257.8	257.0	254.6	250.0	243.6	234.8
32.5°	289.0	293.9	296.5	295.4	296.5	293.9	289.0	282.6	273.7	264.8	256.2
30°	352.9	365.6	372.2	375.1	372.2	365.6	352.9	338.3	315.0	298.7	283.5
27.5°	494.1	522.0	534.5	539.1	534.5	522.0	494.1	454.7	399.6	367.1	326.5
25°	788.3	851.3	882.3	892.3	882.3	851.3	788.3	689.8	577.1	502.8	407.0
22.5°	1409.7	1530.8	1613.7	1632.1	1613.7	1530.8	1409.7	1175.9	963.8	773.0	579.8
20°	2527.5	2761.9	2889.1	2877.6	2889.1	2761.9	2527.5	2124.7	1724.1	1246.7	911.5
17.5°	4083.9	4384.4	4527.5	4460.6	4527.5	4384.4	4083.9	3538.4	2896.8	2127.3	1427.1
15°	5986.8	6392.8	6569.9	6624.7	6569.9	6392.8	5986.8	5322.2	4382.6	3329.1	2152.6
12.5°	8327.4	9658.5	10295.0	10465.6	10295.0	9658.5	8327.4	7140.3	5951.1	4473.7	3037.0
10°	11666.7	16141.2	18802.7	19452.6	18802.7	16141.2	11666.7	9467.9	7318.2	5522.5	3792.6
7.5°	19052.7	28145.3	38331.1	43154.5	38331.1	28145.3	19052.7	12189.6	8905.2	6453.8	4467.3
5°	29055.2	50427.7	74011.0	83256.1	74011.0	50427.7	29055.2	17561.4	10801.9	7257.3	4978.4
2.5°	41215.1	76142.0	108728.3	120875.8	108728.3	76142.0	41215.1	21282.6	12139.9	7746.3	5271.1
0°	46352.5	87783.3	119795.1	130200.6	119795.1	87783.3	46352.5	22475.7	12259.9	7911.5	5354.6
-2.5°	41215.1	76142.0	108728.3	120875.7	108728.3	76142.0	41215.1	21282.6	12139.9	7746.3	5271.1
-5°	29055.2	50427.7	74011.0	83256.1	74011.0	50427.7	29055.2	17561.4	10801.9	7257.3	4978.4
-7.5°	19052.7	28145.3	38331.1	43154.5	38331.1	28145.3	19052.7	12189.6	8905.2	6453.8	4467.3
-10°	11666.7	16141.2	18802.7	19452.6	18802.7	16141.2	11666.7	9467.9	7318.2	5522.5	3792.6
-12.5°	8327.4	9658.5	10295.0	10465.6	10295.0	9658.5	8327.4	7140.3	5951.1	4473.7	3037.0
-15°	5986.8	6392.8	6569.9	6624.7	6569.9	6392.8	5986.8	5322.2	4382.6	3329.1	2152.6
-17.5°	4083.9	4384.4	4527.5	4460.6	4527.5	4384.4	4083.9	3538.4	2896.8	2127.3	1427.1
-20°	2527.5	2761.9	2889.1	2877.6	2889.1	2761.9	2527.5	2124.7	1724.1	1246.7	911.5



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1409.7	1530.8	1613.7	1632.1	1613.7	1530.8	1409.7	1175.9	963.8	773.0	579.8
-25°	788.3	851.3	882.3	892.3	882.3	851.3	788.3	689.8	577.1	502.8	407.0
-27.5°	494.1	522.0	534.5	539.1	534.5	522.0	494.1	454.7	399.6	367.1	326.5
-30°	352.9	365.6	372.2	375.1	372.2	365.6	352.9	338.3	315.0	298.7	283.5
-32.5°	289.0	293.9	296.5	295.4	296.5	293.9	289.0	282.6	273.7	264.8	256.2
-35°	257.0	257.8	257.7	256.8	257.7	257.8	257.0	254.6	250.0	243.6	234.8
-37.5°	235.7	235.7	235.0	234.9	235.0	235.7	235.7	233.7	228.7	222.6	215.9
-40°	213.1	213.0	212.3	212.1	212.3	213.0	213.1	211.6	208.0	204.0	199.2
-42.5°	192.4	192.5	192.4	192.8	192.4	192.5	192.4	191.3	189.4	186.4	183.7
-45°	177.4	177.1	176.9	177.1	176.9	177.1	177.4	177.2	176.8	176.0	174.7
-47.5°	169.6	169.2	169.1	169.2	169.1	169.2	169.6	169.7	169.7	169.5	169.0
-50°	164.6	164.1	163.8	163.9	163.8	164.1	164.6	165.0	165.2	165.1	164.8
-52.5°	161.6	161.3	160.9	160.4	160.9	161.3	161.6	161.7	161.7	161.6	161.4
-55°	158.5	158.5	158.2	157.8	158.2	158.5	158.5	158.4	158.2	158.0	157.6
-57.5°	155.0	155.0	155.1	155.1	155.1	155.0	155.0	154.9	154.5	153.9	153.2
-60°	151.7	152.2	152.5	152.5	152.5	152.2	151.7	151.0	150.1	149.1	147.9
-62.5°	147.2	148.4	148.9	149.0	148.9	148.4	147.2	145.8	144.4	142.8	141.0
-65°	138.0	138.8	138.9	138.5	138.9	138.8	138.0	136.9	135.7	134.0	132.0
-67.5°	125.3	125.7	125.7	125.3	125.7	125.7	125.3	124.7	123.8	122.4	120.3
-70°	110.6	110.8	111.6	112.2	111.6	110.8	110.6	110.1	109.3	108.0	105.8
-72.5°	93.8	94.2	95.0	95.5	95.0	94.2	93.8	93.2	92.2	91.0	89.3
-75°	76.2	76.7	77.0	77.1	77.0	76.7	76.2	75.4	74.5	73.3	72.2
-77.5°	58.6	59.2	59.5	59.6	59.5	59.2	58.6	57.7	56.8	55.7	54.9
-80°	40.7	41.0	41.1	41.2	41.1	41.0	40.7	40.3	39.8	39.2	38.6
-82.5°	26.0	26.2	26.3	26.3	26.3	26.2	26.0	25.8	25.5	25.1	24.7
-85°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.2	14.0
-87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-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°	5.0	4.9	4.8	4.9	4.9	5.0	5.0	4.8	4.7	4.5	4.3
85°	13.7	13.4	13.1	12.6	12.1	11.6	11.1	10.6	10.1	9.5	9.0
82.5°	24.2	23.7	23.1	22.3	21.5	20.6	19.6	18.5	17.3	16.0	14.7
80°	37.9	37.1	36.1	34.9	33.6	32.1	30.6	29.0	27.3	25.5	24.0
77.5°	53.8	52.7	51.3	49.7	47.9	45.9	43.8	41.9	40.0	37.9	35.4
75°	70.8	69.3	67.5	65.6	63.5	61.2	58.6	55.9	53.1	50.3	47.4
72.5°	87.5	85.5	83.5	81.5	79.2	76.5	73.5	70.1	66.5	62.8	59.0
70°	103.5	101.0	98.5	96.0	93.4	90.6	87.4	84.0	80.2	76.0	71.3
67.5°	118.0	115.4	112.8	109.9	106.7	103.4	100.2	96.9	93.0	88.6	83.4
65°	129.8	127.4	125.2	122.2	118.9	115.4	111.8	108.0	104.1	100.0	95.1
62.5°	139.0	136.8	134.6	131.9	129.2	126.2	122.7	118.5	114.2	109.8	104.7
60°	146.4	144.6	142.4	140.0	137.4	134.5	131.0	127.4	123.8	118.9	113.8
57.5°	152.3	150.7	148.6	146.5	144.3	141.4	138.0	134.5	130.6	126.7	122.3
55°	157.0	155.6	153.8	151.7	149.3	146.9	144.2	140.8	136.9	133.3	128.9
52.5°	161.0	159.7	158.1	156.5	154.2	151.7	149.1	146.0	142.8	139.1	134.9
50°	164.3	163.2	161.8	160.1	158.2	156.2	153.6	150.6	147.8	144.4	140.4
47.5°	168.2	166.9	165.3	163.6	161.6	159.4	157.2	155.0	152.2	149.2	145.2
45°	173.5	171.7	169.6	167.6	165.3	163.0	160.4	158.3	156.1	153.1	149.9
42.5°	181.1	178.1	175.4	172.5	169.3	166.8	164.2	161.7	159.4	156.8	153.4
40°	192.9	186.6	182.8	178.6	174.8	170.8	168.0	165.1	162.6	160.0	156.6
37.5°	208.1	200.2	193.1	186.1	181.3	176.5	172.3	168.9	165.5	162.7	159.4
35°	224.5	215.1	206.3	197.5	188.8	182.9	177.4	173.0	169.1	165.3	162.1
32.5°	244.6	233.2	221.8	211.0	199.9	190.5	183.5	177.4	172.5	168.2	164.5
30°	267.6	253.2	239.5	226.0	212.6	200.4	190.3	182.6	176.2	171.1	166.9
27.5°	299.1	274.1	257.8	241.5	225.6	211.3	199.0	188.1	180.1	174.2	169.3
25°	353.0	307.3	278.0	258.2	239.7	222.7	208.3	195.5	185.0	177.1	171.1
22.5°	441.0	362.8	307.6	275.6	254.4	235.6	218.7	203.3	189.5	180.0	173.2
20°	611.3	441.9	354.7	300.3	268.2	247.6	228.9	211.5	195.5	183.1	175.0
17.5°	912.9	584.8	409.4	327.9	284.6	258.5	238.6	219.0	201.1	185.6	176.4
15°	1277.5	781.9	508.8	371.2	302.5	267.4	247.1	225.8	206.5	189.1	178.3
12.5°	1794.4	999.4	595.1	406.2	322.0	278.3	254.2	232.6	211.5	192.7	179.9
10°	2225.2	1258.3	732.3	470.8	348.1	289.9	259.5	236.5	214.4	195.3	181.0
7.5°	2765.6	1546.5	854.7	518.9	367.9	298.3	262.6	238.7	215.9	196.9	181.5
5°	3106.8	1737.1	936.5	555.0	382.5	303.9	264.9	239.5	216.2	197.6	181.6
2.5°	3347.0	1835.0	973.7	574.9	390.8	306.3	266.0	240.1	217.3	198.2	182.6
0°	3386.9	1909.9	979.1	579.4	391.8	305.0	265.6	240.2	218.3	198.1	183.2
-2.5°	3347.0	1835.0	973.7	574.9	390.8	306.3	266.0	240.1	217.3	198.2	182.6
-5°	3106.8	1737.1	936.5	555.0	382.5	303.9	264.9	239.5	216.2	197.6	181.6
-7.5°	2765.6	1546.5	854.7	518.9	367.9	298.3	262.6	238.7	215.9	196.9	181.5
-10°	2225.2	1258.3	732.3	470.8	348.1	289.9	259.5	236.5	214.4	195.3	181.0
-12.5°	1794.4	999.4	595.1	406.2	322.0	278.3	254.2	232.6	211.5	192.7	179.9
-15°	1277.5	781.9	508.8	371.2	302.5	267.4	247.1	225.8	206.5	189.1	178.3
-17.5°	912.9	584.8	409.4	327.9	284.6	258.5	238.6	219.0	201.1	185.6	176.4
-20°	611.3	441.9	354.7	300.3	268.2	247.6	228.9	211.5	195.5	183.1	175.0



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	441.0	362.8	307.6	275.6	254.4	235.6	218.7	203.3	189.5	180.0	173.2
-25°	353.0	307.3	278.0	258.2	239.7	222.7	208.3	195.5	185.0	177.1	171.1
-27.5°	299.1	274.1	257.8	241.5	225.6	211.3	199.0	188.1	180.1	174.2	169.3
-30°	267.6	253.2	239.5	226.0	212.6	200.4	190.3	182.6	176.2	171.1	166.9
-32.5°	244.6	233.2	221.8	211.0	199.9	190.5	183.5	177.4	172.5	168.2	164.5
-35°	224.5	215.1	206.3	197.5	188.8	182.9	177.4	173.0	169.1	165.3	162.1
-37.5°	208.1	200.2	193.1	186.1	181.3	176.5	172.3	168.9	165.5	162.7	159.4
-40°	192.9	186.6	182.8	178.6	174.8	170.8	168.0	165.1	162.6	160.0	156.6
-42.5°	181.1	178.1	175.4	172.5	169.3	166.8	164.2	161.7	159.4	156.8	153.4
-45°	173.5	171.7	169.6	167.6	165.3	163.0	160.4	158.3	156.1	153.1	149.9
-47.5°	168.2	166.9	165.3	163.6	161.6	159.4	157.2	155.0	152.2	149.2	145.2
-50°	164.3	163.2	161.8	160.1	158.2	156.2	153.6	150.6	147.8	144.4	140.4
-52.5°	161.0	159.7	158.1	156.5	154.2	151.7	149.1	146.0	142.8	139.1	134.9
-55°	157.0	155.6	153.8	151.7	149.3	146.9	144.2	140.8	136.9	133.3	128.9
-57.5°	152.3	150.7	148.6	146.5	144.3	141.4	138.0	134.5	130.6	126.7	122.3
-60°	146.4	144.6	142.4	140.0	137.4	134.5	131.0	127.4	123.8	118.9	113.8
-62.5°	139.0	136.8	134.6	131.9	129.2	126.2	122.7	118.5	114.2	109.8	104.7
-65°	129.8	127.4	125.2	122.2	118.9	115.4	111.8	108.0	104.1	100.0	95.1
-67.5°	118.0	115.4	112.8	109.9	106.7	103.4	100.2	96.9	93.0	88.6	83.4
-70°	103.5	101.0	98.5	96.0	93.4	90.6	87.4	84.0	80.2	76.0	71.3
-72.5°	87.5	85.5	83.5	81.5	79.2	76.5	73.5	70.1	66.5	62.8	59.0
-75°	70.8	69.3	67.5	65.6	63.5	61.2	58.6	55.9	53.1	50.3	47.4
-77.5°	53.8	52.7	51.3	49.7	47.9	45.9	43.8	41.9	40.0	37.9	35.4
-80°	37.9	37.1	36.1	34.9	33.6	32.1	30.6	29.0	27.3	25.5	24.0
-82.5°	24.2	23.7	23.1	22.3	21.5	20.6	19.6	18.5	17.3	16.0	14.7
-85°	13.7	13.4	13.1	12.6	12.1	11.6	11.1	10.6	10.1	9.5	9.0
-87.5°	5.0	4.9	4.8	4.9	4.9	5.0	5.0	4.8	4.7	4.5	4.3
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-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°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
85°	8.6	8.2	7.8	7.3	6.7	6.1	5.6	5.2	4.7	4.2	3.7
82.5°	13.7	13.0	12.4	11.8	11.2	10.5	9.6	8.7	7.5	6.3	5.5
80°	22.5	21.0	19.5	17.8	16.3	14.9	13.9	12.7	11.1	9.4	7.9
77.5°	32.7	30.1	27.5	25.2	22.9	20.7	18.7	16.8	14.6	12.5	10.5
75°	44.0	40.5	37.1	33.6	30.0	26.4	23.7	21.1	18.5	15.6	13.1
72.5°	55.2	51.1	46.8	42.4	38.2	33.9	29.5	25.5	22.4	19.3	15.9
70°	66.6	61.9	57.1	51.9	46.6	41.4	36.4	31.3	26.4	22.8	19.1
67.5°	77.9	72.4	67.0	61.3	55.3	49.3	43.3	37.5	31.9	26.4	22.3
65°	89.1	82.9	76.5	70.3	63.9	57.1	50.5	43.6	37.1	31.0	25.4
62.5°	99.3	93.3	86.4	79.4	72.3	65.0	57.4	50.0	42.4	35.5	29.0
60°	108.4	102.3	95.9	88.5	80.7	72.8	64.5	56.2	48.0	39.9	32.7
57.5°	116.6	110.7	104.1	97.1	89.0	80.5	71.6	62.5	53.5	44.6	36.4
55°	124.1	118.2	111.9	104.7	96.8	88.0	78.5	68.7	58.9	49.4	39.9
52.5°	130.2	125.0	118.8	111.9	103.9	95.2	85.2	74.8	64.4	54.0	43.9
50°	135.8	130.9	125.0	118.2	110.7	101.6	91.8	80.8	69.6	58.5	47.9
47.5°	140.9	136.1	130.5	124.0	116.3	107.8	97.7	86.7	74.7	63.0	51.7
45°	145.4	140.7	135.5	129.1	121.8	113.1	103.2	92.4	79.9	67.4	55.3
42.5°	149.5	144.8	139.8	134.1	126.5	118.0	108.5	97.3	84.8	71.6	58.9
40°	152.7	148.4	143.6	137.8	130.9	122.8	112.9	101.8	89.6	75.7	62.4
37.5°	155.8	151.5	146.8	141.4	134.9	126.7	117.1	106.2	93.9	79.7	65.7
35°	158.3	154.2	149.5	144.3	138.0	130.4	121.2	110.1	97.5	83.4	68.9
32.5°	160.7	156.6	151.8	146.7	141.0	133.8	124.6	113.5	100.9	86.9	71.9
30°	162.9	158.5	154.0	148.8	143.5	136.4	127.5	116.6	104.0	90.2	74.6
27.5°	164.7	160.1	155.9	150.7	145.3	138.8	130.2	119.5	107.0	93.0	77.3
25°	166.4	161.6	157.2	152.4	146.9	140.9	132.7	122.1	109.4	95.3	79.6
22.5°	167.9	163.0	158.3	153.9	148.3	142.9	134.7	124.1	111.6	97.5	81.8
20°	169.2	164.2	159.3	155.0	149.5	144.1	136.3	126.0	113.5	99.4	83.7
17.5°	170.4	165.3	160.2	155.7	150.5	145.1	137.8	127.6	115.2	101.1	85.4
15°	171.4	166.1	161.0	156.3	151.4	145.9	139.1	129.0	116.6	102.5	86.8
12.5°	172.3	166.6	161.6	156.8	152.0	146.6	140.2	130.2	117.9	103.7	88.0
10°	173.0	166.9	162.1	157.1	152.4	147.1	141.1	131.2	118.8	104.7	89.0
7.5°	173.5	167.0	162.3	157.2	152.7	147.5	141.7	131.8	119.5	105.4	89.7
5°	173.9	167.2	162.7	157.5	153.1	147.8	142.0	132.3	120.0	105.9	90.1
2.5°	174.7	167.8	162.9	157.7	153.3	148.0	142.1	132.5	120.2	106.1	90.3
0°	175.3	168.3	163.0	157.8	153.4	148.1	142.0	132.4	120.1	106.1	90.3
-2.5°	174.7	167.8	162.9	157.7	153.3	148.0	142.1	132.5	120.2	106.1	90.3
-5°	173.9	167.2	162.7	157.5	153.1	147.8	142.0	132.3	120.0	105.9	90.1
-7.5°	173.5	167.0	162.3	157.2	152.7	147.5	141.7	131.8	119.5	105.4	89.7
-10°	173.0	166.9	162.1	157.1	152.4	147.1	141.1	131.2	118.8	104.7	89.0
-12.5°	172.3	166.6	161.6	156.8	152.0	146.6	140.2	130.2	117.9	103.7	88.0
-15°	171.4	166.1	161.0	156.3	151.4	145.9	139.1	129.0	116.6	102.5	86.8
-17.5°	170.4	165.3	160.2	155.7	150.5	145.1	137.8	127.6	115.2	101.1	85.4
-20°	169.2	164.2	159.3	155.0	149.5	144.1	136.3	126.0	113.5	99.4	83.7



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	167.9	163.0	158.3	153.9	148.3	142.9	134.7	124.1	111.6	97.5	81.8
-25°	166.4	161.6	157.2	152.4	146.9	140.9	132.7	122.1	109.4	95.3	79.6
-27.5°	164.7	160.1	155.9	150.7	145.3	138.8	130.2	119.5	107.0	93.0	77.3
-30°	162.9	158.5	154.0	148.8	143.5	136.4	127.5	116.6	104.0	90.2	74.6
-32.5°	160.7	156.6	151.8	146.7	141.0	133.8	124.6	113.5	100.9	86.9	71.9
-35°	158.3	154.2	149.5	144.3	138.0	130.4	121.2	110.1	97.5	83.4	68.9
-37.5°	155.8	151.5	146.8	141.4	134.9	126.7	117.1	106.2	93.9	79.7	65.7
-40°	152.7	148.4	143.6	137.8	130.9	122.8	112.9	101.8	89.6	75.7	62.4
-42.5°	149.5	144.8	139.8	134.1	126.5	118.0	108.5	97.3	84.8	71.6	58.9
-45°	145.4	140.7	135.5	129.1	121.8	113.1	103.2	92.4	79.9	67.4	55.3
-47.5°	140.9	136.1	130.5	124.0	116.3	107.8	97.7	86.7	74.7	63.0	51.7
-50°	135.8	130.9	125.0	118.2	110.7	101.6	91.8	80.8	69.6	58.5	47.9
-52.5°	130.2	125.0	118.8	111.9	103.9	95.2	85.2	74.8	64.4	54.0	43.9
-55°	124.1	118.2	111.9	104.7	96.8	88.0	78.5	68.7	58.9	49.4	39.9
-57.5°	116.6	110.7	104.1	97.1	89.0	80.5	71.6	62.5	53.5	44.6	36.4
-60°	108.4	102.3	95.9	88.5	80.7	72.8	64.5	56.2	48.0	39.9	32.7
-62.5°	99.3	93.3	86.4	79.4	72.3	65.0	57.4	50.0	42.4	35.5	29.0
-65°	89.1	82.9	76.5	70.3	63.9	57.1	50.5	43.6	37.1	31.0	25.4
-67.5°	77.9	72.4	67.0	61.3	55.3	49.3	43.3	37.5	31.9	26.4	22.3
-70°	66.6	61.9	57.1	51.9	46.6	41.4	36.4	31.3	26.4	22.8	19.1
-72.5°	55.2	51.1	46.8	42.4	38.2	33.9	29.5	25.5	22.4	19.3	15.9
-75°	44.0	40.5	37.1	33.6	30.0	26.4	23.7	21.1	18.5	15.6	13.1
-77.5°	32.7	30.1	27.5	25.2	22.9	20.7	18.7	16.8	14.6	12.5	10.5
-80°	22.5	21.0	19.5	17.8	16.3	14.9	13.9	12.7	11.1	9.4	7.9
-82.5°	13.7	13.0	12.4	11.8	11.2	10.5	9.6	8.7	7.5	6.3	5.5
-85°	8.6	8.2	7.8	7.3	6.7	6.1	5.6	5.2	4.7	4.2	3.7
-87.5°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
-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: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-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°	1.6	1.4	1.1	0.9	0.6	0.3	0.0
85°	3.2	2.7	2.3	1.8	1.2	0.6	0.0
82.5°	4.7	4.1	3.4	2.6	1.8	0.9	0.0
80°	6.4	5.5	4.5	3.5	2.4	1.2	0.0
77.5°	8.6	7.0	5.7	4.4	3.0	1.5	0.0
75°	10.9	8.9	6.8	5.3	3.6	1.8	0.0
72.5°	13.1	10.7	8.3	6.1	4.2	2.1	0.0
70°	15.3	12.5	9.8	7.0	4.8	2.4	0.0
67.5°	18.1	14.3	11.2	8.1	5.4	2.7	0.0
65°	20.8	16.3	12.6	9.2	5.9	3.0	0.0
62.5°	23.4	18.5	14.0	10.2	6.5	3.2	0.0
60°	26.0	20.6	15.4	11.2	7.0	3.5	0.0
57.5°	29.1	22.7	17.0	12.2	7.6	3.8	0.0
55°	32.1	24.7	18.6	13.2	8.3	4.0	0.0
52.5°	35.1	26.7	20.1	14.2	8.9	4.3	0.0
50°	37.9	29.1	21.6	15.1	9.5	4.5	0.0
47.5°	40.8	31.4	23.0	16.0	10.1	4.7	0.0
45°	43.9	33.6	24.4	17.0	10.6	4.9	0.0
42.5°	46.8	35.7	25.7	18.0	11.2	5.2	0.0
40°	49.6	37.7	27.1	18.9	11.7	5.4	0.0
37.5°	52.3	39.7	28.6	19.7	12.2	5.6	0.0
35°	54.8	41.7	30.1	20.5	12.6	5.7	0.0
32.5°	57.1	43.6	31.5	21.3	13.0	5.9	0.0
30°	59.5	45.4	32.7	21.9	13.4	6.1	0.0
27.5°	61.7	47.1	33.9	22.5	13.8	6.2	0.0
25°	63.7	48.6	35.0	23.1	14.1	6.3	0.0
22.5°	65.5	50.0	35.9	23.6	14.5	6.5	0.0
20°	67.2	51.3	36.8	24.0	14.7	6.6	0.0
17.5°	68.6	52.4	37.6	24.4	15.0	6.7	0.0
15°	69.9	53.4	38.3	24.7	15.2	6.8	0.0
12.5°	71.1	54.2	38.9	25.0	15.4	6.8	0.0
10°	72.0	54.9	39.4	25.2	15.5	6.9	0.0
7.5°	72.7	55.4	39.8	25.3	15.6	6.9	0.0
5°	73.2	55.8	40.1	25.4	15.7	7.0	0.0
2.5°	73.5	56.0	40.2	25.4	15.8	7.0	0.0
0°	73.6	56.1	40.3	25.4	15.8	7.0	0.0
-2.5°	73.5	56.0	40.2	25.4	15.8	7.0	0.0
-5°	73.2	55.8	40.1	25.4	15.7	7.0	0.0
-7.5°	72.7	55.4	39.8	25.3	15.6	6.9	0.0
-10°	72.0	54.9	39.4	25.2	15.5	6.9	0.0
-12.5°	71.1	54.2	38.9	25.0	15.4	6.8	0.0
-15°	69.9	53.4	38.3	24.7	15.2	6.8	0.0
-17.5°	68.6	52.4	37.6	24.4	15.0	6.7	0.0
-20°	67.2	51.3	36.8	24.0	14.7	6.6	0.0



REPORT NUMBER: P558752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.5	50.0	35.9	23.6	14.5	6.5	0.0
-25°	63.7	48.6	35.0	23.1	14.1	6.3	0.0
-27.5°	61.7	47.1	33.9	22.5	13.8	6.2	0.0
-30°	59.5	45.4	32.7	21.9	13.4	6.1	0.0
-32.5°	57.1	43.6	31.5	21.3	13.0	5.9	0.0
-35°	54.8	41.7	30.1	20.5	12.6	5.7	0.0
-37.5°	52.3	39.7	28.6	19.7	12.2	5.6	0.0
-40°	49.6	37.7	27.1	18.9	11.7	5.4	0.0
-42.5°	46.8	35.7	25.7	18.0	11.2	5.2	0.0
-45°	43.9	33.6	24.4	17.0	10.6	4.9	0.0
-47.5°	40.8	31.4	23.0	16.0	10.1	4.7	0.0
-50°	37.9	29.1	21.6	15.1	9.5	4.5	0.0
-52.5°	35.1	26.7	20.1	14.2	8.9	4.3	0.0
-55°	32.1	24.7	18.6	13.2	8.3	4.0	0.0
-57.5°	29.1	22.7	17.0	12.2	7.6	3.8	0.0
-60°	26.0	20.6	15.4	11.2	7.0	3.5	0.0
-62.5°	23.4	18.5	14.0	10.2	6.5	3.2	0.0
-65°	20.8	16.3	12.6	9.2	5.9	3.0	0.0
-67.5°	18.1	14.3	11.2	8.1	5.4	2.7	0.0
-70°	15.3	12.5	9.8	7.0	4.8	2.4	0.0
-72.5°	13.1	10.7	8.3	6.1	4.2	2.1	0.0
-75°	10.9	8.9	6.8	5.3	3.6	1.8	0.0
-77.5°	8.6	7.0	5.7	4.4	3.0	1.5	0.0
-80°	6.4	5.5	4.5	3.5	2.4	1.2	0.0
-82.5°	4.7	4.1	3.4	2.6	1.8	0.9	0.0
-85°	3.2	2.7	2.3	1.8	1.2	0.6	0.0
-87.5°	1.6	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)