

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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558888 (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-SA4B-930-U-TS-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2  
Light Source: (64) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

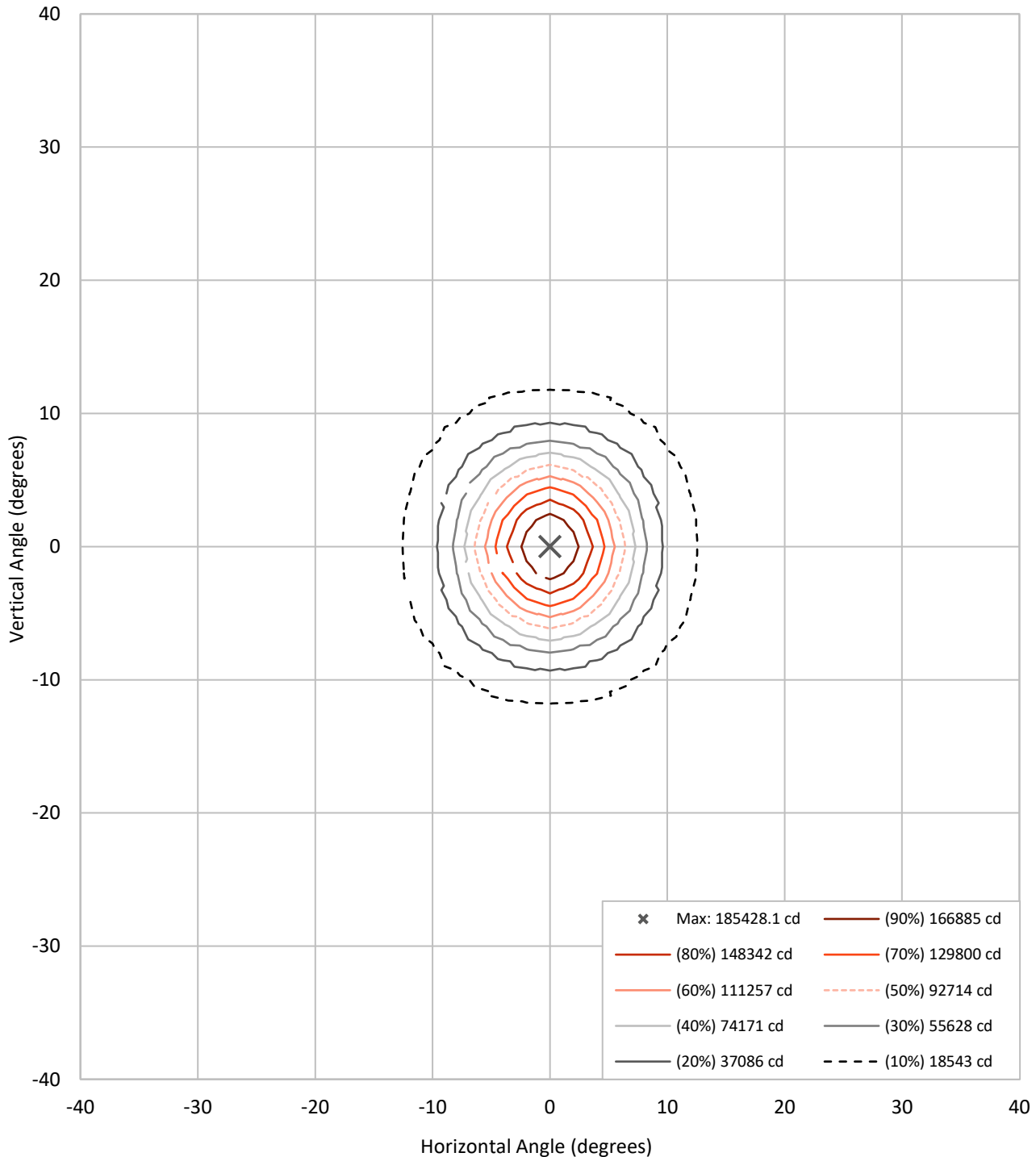
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13441.1 lumens	Max Intensity:	185428.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4247.2 lumens	Field Lumens:	9408.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

### Iso-Candela Plot





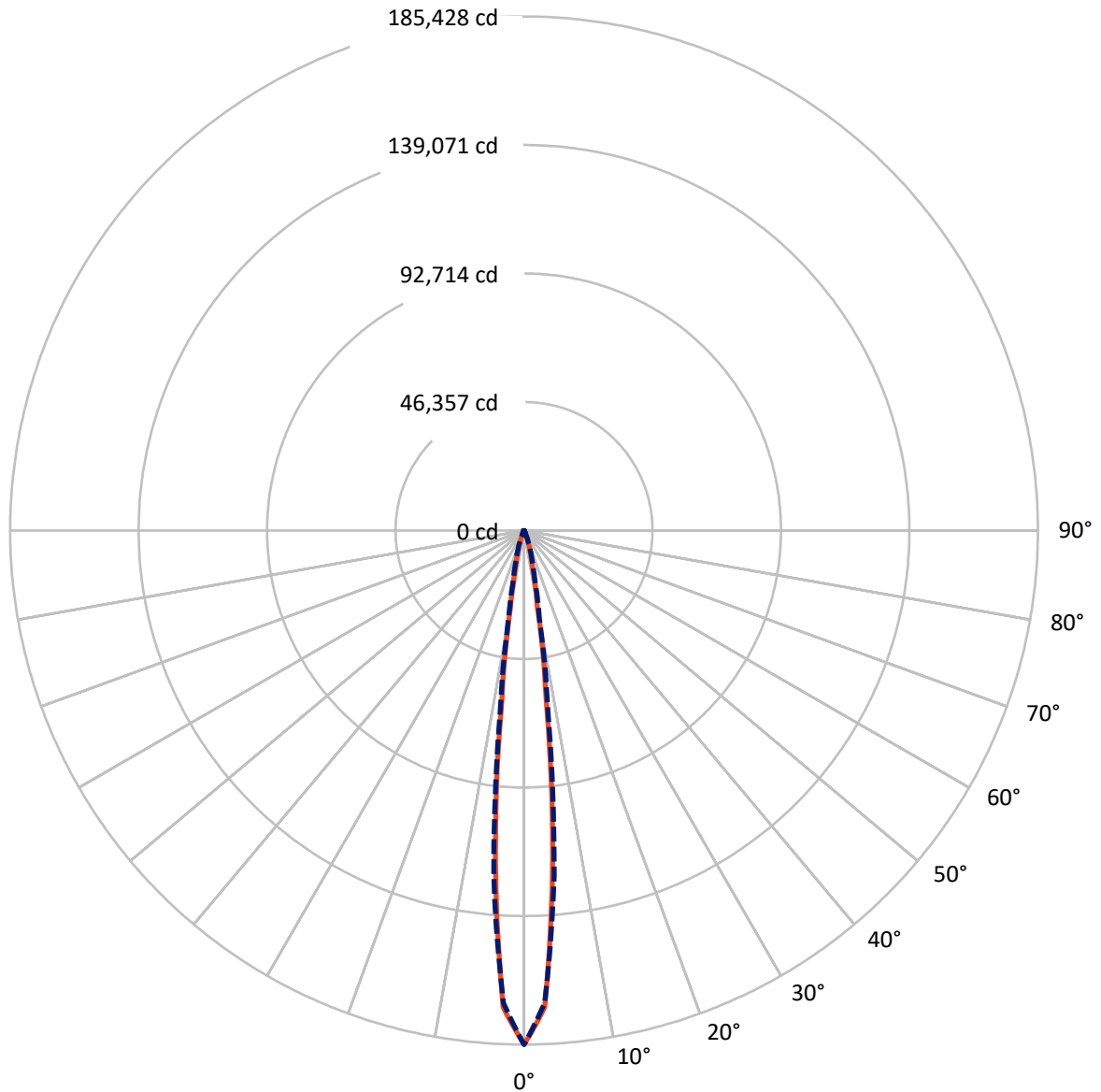
REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

### Lumen Table

90	0.2	1.6		4.3		7.0		8.0		7.0		4.3		1.6		0.2
80	0.2	1.6		4.3		7.0		8.0		7.0		4.3		1.6		0.2
70	0.7	0.8	1.8	2.9	3.9	4.8	5.5	5.9	5.9	5.5	4.8	3.9	2.9	1.8	0.8	0.7
60		1.3	2.6	3.9	5.1	6.0	6.6	6.8	6.8	6.6	6.0	5.1	3.9	2.6	1.3	
50	1.3	1.7	3.2	4.6	5.7	6.7	7.5	7.8	7.8	7.5	6.7	5.7	4.6	3.2	1.7	1.3
40		2.0	3.6	5.0	6.4	8.2	10.3	11.6	11.6	10.3	8.2	6.4	5.0	3.6	2.0	
30	1.7	2.2	3.8	5.3	7.5	11.6	25.8	46.9	46.9	25.8	11.6	7.5	5.3	3.8	2.2	1.7
20		2.4	3.9	5.6	8.9	25.0	140.9	310.1	310.1	140.9	25.0	8.9	5.6	3.9	2.4	
10	1.9	2.4	3.9	5.7	9.8	47.9	338.3	2188.7	2188.7	338.3	47.9	9.8	5.7	3.9	2.4	1.9
0		2.4	3.9	5.7	9.8	47.9	338.3	2188.7	2188.7	338.3	47.9	9.8	5.7	3.9	2.4	
-10	1.7	2.4	3.9	5.6	8.9	25.0	140.9	310.1	310.1	140.9	25.0	8.9	5.6	3.9	2.4	1.7
-20		2.2	3.8	5.3	7.5	11.6	25.8	46.9	46.9	25.8	11.6	7.5	5.3	3.8	2.2	
-30	1.3	2.0	3.6	5.0	6.4	8.2	10.3	11.6	11.6	10.3	8.2	6.4	5.0	3.6	2.0	1.3
-40		1.7	3.2	4.6	5.7	6.7	7.5	7.8	7.8	7.5	6.7	5.7	4.6	3.2	1.7	
-50	0.7	1.3	2.6	3.9	5.1	6.0	6.6	6.8	6.8	6.6	6.0	5.1	3.9	2.6	1.3	0.7
-60		0.8	1.8	2.9	3.9	4.8	5.5	5.9	5.9	5.5	4.8	3.9	2.9	1.8	0.8	
-70	0.2	1.6		4.3		7.0		8.0		7.0		4.3		1.6		0.2
-80		1.6		4.3		7.0		8.0		7.0		4.3		1.6		
-90	0.2	1.6		4.3		7.0		8.0		7.0		4.3		1.6		0.2

REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

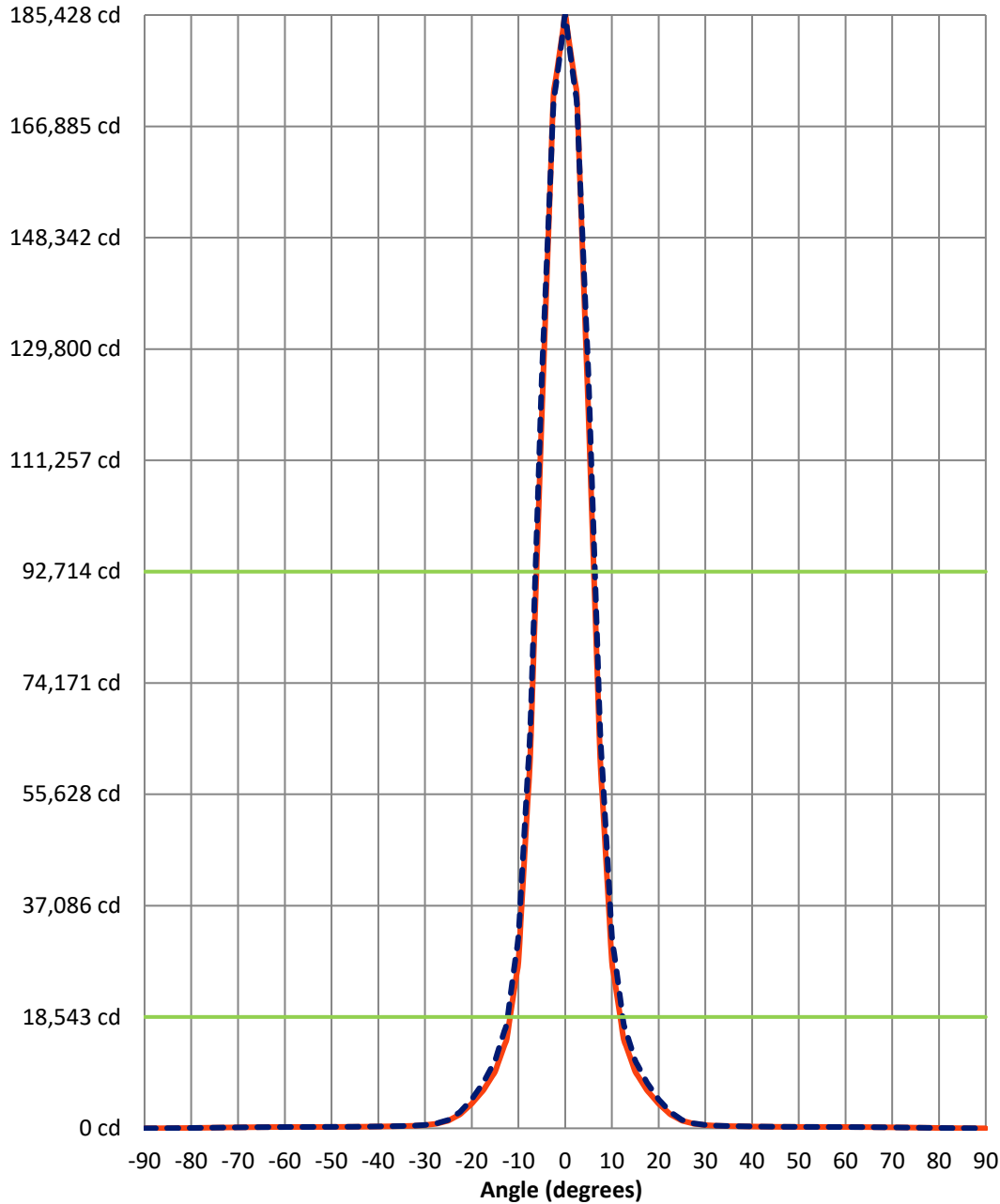
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 4247.2  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 9408.9  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 4032.1  
 Efficiency: 30.0%

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



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-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	0.4	0.9	1.3	1.6	2.0	2.3	2.6	3.0	3.3	3.7
85°	0.0	0.9	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.7	7.3
82.5°	0.0	1.3	2.6	3.8	4.9	5.9	6.7	7.8	9.0	10.7	12.3
80°	0.0	1.7	3.5	5.0	6.5	7.8	9.1	11.2	13.4	15.7	18.1
77.5°	0.0	2.2	4.3	6.3	8.1	10.0	12.3	15.0	17.8	20.8	23.9
75°	0.0	2.6	5.2	7.5	9.8	12.6	15.5	18.7	22.3	26.3	30.1
72.5°	0.0	3.0	6.0	8.7	11.9	15.3	18.6	22.6	27.4	31.9	36.2
70°	0.0	3.4	6.8	10.0	14.0	17.8	21.8	27.2	32.5	37.6	44.6
67.5°	0.0	3.8	7.6	11.6	16.0	20.4	25.7	31.7	37.6	45.3	53.4
65°	0.0	4.2	8.4	13.1	18.0	23.2	29.6	36.1	44.2	52.9	62.1
62.5°	0.0	4.6	9.2	14.6	20.0	26.3	33.3	41.3	50.6	60.4	71.1
60°	0.0	5.0	10.0	16.0	21.9	29.3	37.0	46.6	56.8	68.4	80.0
57.5°	0.0	5.4	10.9	17.4	24.2	32.3	41.3	51.8	63.5	76.1	89.0
55°	0.0	5.7	11.8	18.8	26.5	35.1	45.7	56.9	70.3	83.8	97.9
52.5°	0.0	6.1	12.7	20.2	28.6	38.0	49.9	62.6	76.8	91.6	106.5
50°	0.0	6.4	13.6	21.5	30.7	41.4	54.0	68.2	83.2	99.2	115.1
47.5°	0.0	6.8	14.4	22.8	32.8	44.7	58.1	73.6	89.7	106.4	123.5
45°	0.0	7.1	15.2	24.2	34.7	47.8	62.5	78.7	96.0	113.7	131.6
42.5°	0.0	7.4	15.9	25.6	36.5	50.9	66.7	83.8	102.0	120.8	138.5
40°	0.0	7.7	16.6	26.9	38.6	53.8	70.6	88.9	107.8	127.5	145.0
37.5°	0.0	7.9	17.3	28.1	40.7	56.5	74.4	93.6	113.5	133.7	151.2
35°	0.0	8.2	18.0	29.2	42.8	59.3	78.0	98.1	118.8	138.8	156.8
32.5°	0.0	8.4	18.6	30.2	44.8	62.1	81.4	102.4	123.8	143.7	161.6
30°	0.0	8.7	19.1	31.2	46.6	64.7	84.7	106.3	128.4	148.2	166.1
27.5°	0.0	8.9	19.7	32.1	48.2	67.1	87.9	110.1	132.4	152.3	170.2
25°	0.0	9.1	20.2	32.9	49.8	69.2	90.7	113.4	135.8	155.9	174.0
22.5°	0.0	9.2	20.6	33.6	51.2	71.2	93.3	116.5	138.8	158.9	176.8
20°	0.0	9.4	21.0	34.2	52.4	73.0	95.7	119.2	141.5	161.7	179.4
17.5°	0.0	9.5	21.3	34.8	53.6	74.6	97.8	121.6	144.0	164.1	181.7
15°	0.0	9.7	21.6	35.2	54.6	76.0	99.7	123.6	146.0	166.1	183.7
12.5°	0.0	9.8	21.9	35.6	55.4	77.2	101.3	125.3	147.7	167.8	185.4
10°	0.0	9.8	22.1	35.9	56.1	78.2	102.6	126.7	149.1	169.2	186.8
7.5°	0.0	9.9	22.3	36.1	56.7	78.9	103.6	127.7	150.1	170.2	187.7
5°	0.0	10.0	22.4	36.2	57.1	79.5	104.3	128.3	150.8	170.8	188.3
2.5°	0.0	10.0	22.5	36.2	57.3	79.8	104.8	128.6	151.1	171.1	188.6
0°	0.0	10.0	22.5	36.2	57.3	79.8	104.8	128.6	151.1	171.1	188.6
-2.5°	0.0	10.0	22.5	36.2	57.3	79.8	104.8	128.6	151.1	171.1	188.6
-5°	0.0	10.0	22.4	36.2	57.1	79.5	104.3	128.3	150.8	170.8	188.3
-7.5°	0.0	9.9	22.3	36.1	56.7	78.9	103.6	127.7	150.1	170.2	187.7
-10°	0.0	9.8	22.1	35.9	56.1	78.2	102.6	126.7	149.1	169.2	186.8
-12.5°	0.0	9.8	21.9	35.6	55.4	77.2	101.3	125.3	147.7	167.8	185.4
-15°	0.0	9.7	21.6	35.2	54.6	76.0	99.7	123.6	146.0	166.1	183.7
-17.5°	0.0	9.5	21.3	34.8	53.6	74.6	97.8	121.6	144.0	164.1	181.7
-20°	0.0	9.4	21.0	34.2	52.4	73.0	95.7	119.2	141.5	161.7	179.4



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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	9.2	20.6	33.6	51.2	71.2	93.3	116.5	138.8	158.9	176.8
-25°	0.0	9.1	20.2	32.9	49.8	69.2	90.7	113.4	135.8	155.9	174.0
-27.5°	0.0	8.9	19.7	32.1	48.2	67.1	87.9	110.1	132.4	152.3	170.2
-30°	0.0	8.7	19.1	31.2	46.6	64.7	84.7	106.3	128.4	148.2	166.1
-32.5°	0.0	8.4	18.6	30.2	44.8	62.1	81.4	102.4	123.8	143.7	161.6
-35°	0.0	8.2	18.0	29.2	42.8	59.3	78.0	98.1	118.8	138.8	156.8
-37.5°	0.0	7.9	17.3	28.1	40.7	56.5	74.4	93.6	113.5	133.7	151.2
-40°	0.0	7.7	16.6	26.9	38.6	53.8	70.6	88.9	107.8	127.5	145.0
-42.5°	0.0	7.4	15.9	25.6	36.5	50.9	66.7	83.8	102.0	120.8	138.5
-45°	0.0	7.1	15.2	24.2	34.7	47.8	62.5	78.7	96.0	113.7	131.6
-47.5°	0.0	6.8	14.4	22.8	32.8	44.7	58.1	73.6	89.7	106.4	123.5
-50°	0.0	6.4	13.6	21.5	30.7	41.4	54.0	68.2	83.2	99.2	115.1
-52.5°	0.0	6.1	12.7	20.2	28.6	38.0	49.9	62.6	76.8	91.6	106.5
-55°	0.0	5.7	11.8	18.8	26.5	35.1	45.7	56.9	70.3	83.8	97.9
-57.5°	0.0	5.4	10.9	17.4	24.2	32.3	41.3	51.8	63.5	76.1	89.0
-60°	0.0	5.0	10.0	16.0	21.9	29.3	37.0	46.6	56.8	68.4	80.0
-62.5°	0.0	4.6	9.2	14.6	20.0	26.3	33.3	41.3	50.6	60.4	71.1
-65°	0.0	4.2	8.4	13.1	18.0	23.2	29.6	36.1	44.2	52.9	62.1
-67.5°	0.0	3.8	7.6	11.6	16.0	20.4	25.7	31.7	37.6	45.3	53.4
-70°	0.0	3.4	6.8	10.0	14.0	17.8	21.8	27.2	32.5	37.6	44.6
-72.5°	0.0	3.0	6.0	8.7	11.9	15.3	18.6	22.6	27.4	31.9	36.2
-75°	0.0	2.6	5.2	7.5	9.8	12.6	15.5	18.7	22.3	26.3	30.1
-77.5°	0.0	2.2	4.3	6.3	8.1	10.0	12.3	15.0	17.8	20.8	23.9
-80°	0.0	1.7	3.5	5.0	6.5	7.8	9.1	11.2	13.4	15.7	18.1
-82.5°	0.0	1.3	2.6	3.8	4.9	5.9	6.7	7.8	9.0	10.7	12.3
-85°	0.0	0.9	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.7	7.3
-87.5°	0.0	0.4	0.9	1.3	1.6	2.0	2.3	2.6	3.0	3.3	3.7
-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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-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°	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7	6.9
85°	8.0	8.7	9.6	10.4	11.1	11.7	12.3	12.8	13.6	14.4	15.1
82.5°	13.8	15.0	16.0	16.8	17.8	18.6	19.5	20.9	22.8	24.7	26.3
80°	19.8	21.2	23.2	25.4	27.7	29.9	32.1	34.1	36.3	38.8	41.3
77.5°	26.6	29.4	32.5	35.9	39.1	42.8	46.6	50.4	53.9	57.0	59.6
75°	33.7	37.5	42.7	47.9	52.8	57.7	62.7	67.5	71.7	75.6	79.5
72.5°	41.9	48.2	54.4	60.4	66.8	72.8	78.6	84.0	89.3	94.7	99.7
70°	51.8	59.0	66.4	74.0	81.3	88.1	94.8	101.5	108.2	114.2	119.5
67.5°	61.7	70.2	78.8	87.3	95.4	103.1	111.0	118.7	126.2	132.5	138.1
65°	71.8	81.4	90.9	100.2	109.0	118.0	126.9	135.5	142.5	148.3	153.9
62.5°	81.8	92.5	103.0	113.1	123.0	132.9	141.4	149.2	156.4	162.7	168.8
60°	91.9	103.6	114.9	126.0	136.5	145.6	154.3	162.0	169.3	176.2	181.4
57.5°	101.9	114.6	126.8	138.2	148.2	157.6	166.0	174.1	180.4	185.9	191.5
55°	111.7	125.3	137.9	149.1	159.3	168.3	176.8	183.5	189.8	195.0	200.5
52.5°	121.4	135.5	147.9	159.3	169.2	178.0	185.5	192.2	198.0	203.4	207.9
50°	130.8	144.6	157.5	168.3	178.1	186.4	193.4	199.9	205.6	210.5	214.5
47.5°	139.2	153.5	165.7	176.7	185.9	193.8	200.6	206.8	212.5	216.8	220.8
45°	147.0	161.1	173.5	184.0	193.0	200.4	207.0	213.5	218.1	222.4	225.5
42.5°	154.5	168.1	180.2	191.0	199.0	206.2	213.0	218.4	223.3	227.0	230.4
40°	160.8	174.9	186.5	196.3	204.5	211.4	217.6	223.1	227.9	231.5	235.1
37.5°	166.8	180.4	192.2	201.3	209.0	215.8	221.9	227.1	231.7	235.6	240.5
35°	172.6	185.7	196.6	205.5	213.0	219.7	225.5	230.8	235.4	240.7	246.4
32.5°	177.5	190.6	200.7	208.9	216.3	223.1	228.9	234.3	239.6	245.7	252.7
30°	181.7	194.3	204.3	212.0	219.3	225.8	232.0	237.8	243.7	250.9	260.1
27.5°	185.4	197.6	206.9	214.6	222.0	228.1	234.6	241.2	248.1	256.5	268.0
25°	188.9	200.7	209.2	217.0	224.0	230.2	237.0	243.7	252.3	263.5	278.5
22.5°	191.8	203.5	211.2	219.2	225.6	232.2	239.1	246.7	256.4	269.8	289.6
20°	194.1	205.2	213.0	220.9	226.9	233.9	241.0	249.2	260.7	278.4	301.3
17.5°	196.2	206.7	214.4	221.9	228.2	235.4	242.7	251.2	264.4	286.4	311.9
15°	198.1	207.9	215.6	222.7	229.3	236.5	244.2	253.9	269.3	294.1	321.6
12.5°	199.7	208.8	216.5	223.3	230.2	237.3	245.4	256.2	274.5	301.3	331.2
10°	201.0	209.6	217.1	223.7	230.9	237.7	246.4	257.7	278.2	305.3	336.9
7.5°	201.8	210.1	217.6	223.9	231.3	237.8	247.1	258.5	280.5	307.5	340.0
5°	202.3	210.6	218.1	224.3	231.7	238.1	247.7	258.6	281.5	307.9	341.1
2.5°	202.4	210.9	218.4	224.6	232.1	239.0	248.9	260.0	282.3	309.4	341.9
0°	202.2	211.0	218.5	224.7	232.2	239.7	249.7	260.9	282.1	310.8	342.0
-2.5°	202.4	210.9	218.4	224.6	232.1	239.0	248.9	260.0	282.3	309.4	341.9
-5°	202.3	210.6	218.1	224.3	231.7	238.1	247.7	258.6	281.5	307.9	341.1
-7.5°	201.8	210.1	217.6	223.9	231.3	237.8	247.1	258.5	280.5	307.5	340.0
-10°	201.0	209.6	217.1	223.7	230.9	237.7	246.4	257.7	278.2	305.3	336.9
-12.5°	199.7	208.8	216.5	223.3	230.2	237.3	245.4	256.2	274.5	301.3	331.2
-15°	198.1	207.9	215.6	222.7	229.3	236.5	244.2	253.9	269.3	294.1	321.6
-17.5°	196.2	206.7	214.4	221.9	228.2	235.4	242.7	251.2	264.4	286.4	311.9
-20°	194.1	205.2	213.0	220.9	226.9	233.9	241.0	249.2	260.7	278.4	301.3



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	191.8	203.5	211.2	219.2	225.6	232.2	239.1	246.7	256.4	269.8	289.6
-25°	188.9	200.7	209.2	217.0	224.0	230.2	237.0	243.7	252.3	263.5	278.5
-27.5°	185.4	197.6	206.9	214.6	222.0	228.1	234.6	241.2	248.1	256.5	268.0
-30°	181.7	194.3	204.3	212.0	219.3	225.8	232.0	237.8	243.7	250.9	260.1
-32.5°	177.5	190.6	200.7	208.9	216.3	223.1	228.9	234.3	239.6	245.7	252.7
-35°	172.6	185.7	196.6	205.5	213.0	219.7	225.5	230.8	235.4	240.7	246.4
-37.5°	166.8	180.4	192.2	201.3	209.0	215.8	221.9	227.1	231.7	235.6	240.5
-40°	160.8	174.9	186.5	196.3	204.5	211.4	217.6	223.1	227.9	231.5	235.1
-42.5°	154.5	168.1	180.2	191.0	199.0	206.2	213.0	218.4	223.3	227.0	230.4
-45°	147.0	161.1	173.5	184.0	193.0	200.4	207.0	213.5	218.1	222.4	225.5
-47.5°	139.2	153.5	165.7	176.7	185.9	193.8	200.6	206.8	212.5	216.8	220.8
-50°	130.8	144.6	157.5	168.3	178.1	186.4	193.4	199.9	205.6	210.5	214.5
-52.5°	121.4	135.5	147.9	159.3	169.2	178.0	185.5	192.2	198.0	203.4	207.9
-55°	111.7	125.3	137.9	149.1	159.3	168.3	176.8	183.5	189.8	195.0	200.5
-57.5°	101.9	114.6	126.8	138.2	148.2	157.6	166.0	174.1	180.4	185.9	191.5
-60°	91.9	103.6	114.9	126.0	136.5	145.6	154.3	162.0	169.3	176.2	181.4
-62.5°	81.8	92.5	103.0	113.1	123.0	132.9	141.4	149.2	156.4	162.7	168.8
-65°	71.8	81.4	90.9	100.2	109.0	118.0	126.9	135.5	142.5	148.3	153.9
-67.5°	61.7	70.2	78.8	87.3	95.4	103.1	111.0	118.7	126.2	132.5	138.1
-70°	51.8	59.0	66.4	74.0	81.3	88.1	94.8	101.5	108.2	114.2	119.5
-72.5°	41.9	48.2	54.4	60.4	66.8	72.8	78.6	84.0	89.3	94.7	99.7
-75°	33.7	37.5	42.7	47.9	52.8	57.7	62.7	67.5	71.7	75.6	79.5
-77.5°	26.6	29.4	32.5	35.9	39.1	42.8	46.6	50.4	53.9	57.0	59.6
-80°	19.8	21.2	23.2	25.4	27.7	29.9	32.1	34.1	36.3	38.8	41.3
-82.5°	13.8	15.0	16.0	16.8	17.8	18.6	19.5	20.9	22.8	24.7	26.3
-85°	8.0	8.7	9.6	10.4	11.1	11.7	12.3	12.8	13.6	14.4	15.1
-87.5°	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7	6.9
-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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	7.1	7.1	7.0	6.9	6.8	6.9	7.0	7.2	7.2	7.3	7.4
85°	15.9	16.6	17.2	17.9	18.6	19.1	19.5	19.9	20.3	20.5	20.8
82.5°	27.9	29.3	30.6	31.8	32.8	33.7	34.5	35.1	35.7	36.2	36.7
80°	43.5	45.7	47.7	49.6	51.4	52.8	54.0	55.0	55.8	56.7	57.4
77.5°	62.3	65.3	68.2	70.7	73.1	75.0	76.7	78.1	79.3	80.9	82.3
75°	83.4	87.0	90.3	93.4	96.2	98.7	100.9	102.8	104.5	106.1	107.5
72.5°	104.5	108.9	112.7	116.0	119.0	121.8	124.6	127.2	129.6	131.4	132.7
70°	124.5	129.0	133.1	136.8	140.2	143.7	147.4	150.7	153.7	155.7	156.8
67.5°	142.8	147.4	152.0	156.6	160.6	164.4	168.0	171.3	174.3	176.3	177.5
65°	159.3	164.3	169.4	174.0	178.4	181.5	184.8	187.9	190.8	193.2	194.9
62.5°	174.7	179.7	183.9	187.9	191.6	194.8	198.0	200.9	203.4	205.6	207.7
60°	186.5	191.5	195.7	199.4	202.8	206.0	208.5	210.7	212.4	213.8	215.1
57.5°	196.6	201.4	205.6	208.7	211.7	214.8	216.9	218.3	219.3	220.1	220.6
55°	205.3	209.2	212.7	216.1	219.1	221.7	223.6	224.5	225.0	225.3	225.6
52.5°	212.3	216.1	219.7	222.9	225.2	227.4	229.3	229.9	230.1	230.3	230.3
50°	218.8	222.4	225.2	227.9	230.3	232.4	234.0	234.8	235.2	235.3	235.0
47.5°	223.9	227.0	230.2	233.0	235.4	237.7	239.6	240.6	241.4	241.8	241.7
45°	228.4	232.2	235.5	238.7	241.6	244.6	247.1	248.9	250.6	251.8	252.4
42.5°	233.8	237.5	241.2	245.7	249.8	253.7	257.9	261.7	265.5	269.7	272.5
40°	239.3	243.3	249.0	254.3	260.4	265.8	274.8	283.6	290.4	296.2	301.4
37.5°	245.5	251.4	258.1	265.1	275.0	285.2	296.4	307.5	317.1	325.8	332.8
35°	252.6	260.5	268.8	281.2	293.7	306.3	319.8	334.5	346.9	356.0	362.6
32.5°	261.4	271.3	284.7	300.5	315.9	332.2	348.4	364.8	377.1	389.8	402.6
30°	271.1	285.5	302.8	321.9	341.1	360.6	381.1	403.8	425.4	448.6	481.8
27.5°	283.5	301.0	321.3	343.9	367.1	390.4	425.9	464.9	522.9	569.1	647.6
25°	296.7	317.2	341.4	367.7	396.0	437.6	502.7	579.7	716.1	821.9	982.5
22.5°	311.5	335.6	362.3	392.5	438.1	516.6	628.0	825.7	1100.8	1372.5	1674.8
20°	326.0	352.7	382.0	427.6	505.1	629.3	870.6	1298.1	1775.5	2455.4	3026.0
17.5°	339.8	368.1	405.3	467.1	583.0	832.8	1300.2	2032.4	3029.7	4125.5	5039.3
15°	351.9	380.9	430.9	528.7	724.7	1113.6	1819.4	3065.6	4741.2	6241.6	7579.8
12.5°	362.1	396.4	458.7	578.5	847.6	1423.4	2555.5	4325.1	6371.3	8475.5	10169.0
10°	369.6	413.0	495.8	670.6	1043.0	1792.0	3169.0	5401.3	7864.9	10422.4	13483.9
7.5°	374.1	424.8	523.9	739.0	1217.3	2202.5	3938.7	6362.1	9191.3	12682.5	17360.0
5°	377.3	432.8	544.8	790.4	1333.7	2473.9	4424.6	7090.1	10335.7	15383.8	25010.4
2.5°	378.8	436.3	556.6	818.7	1386.7	2613.4	4766.6	7507.0	11032.0	17289.4	30310.2
0°	378.2	434.4	558.0	825.1	1394.4	2720.1	4823.5	7625.9	11267.3	17460.2	32009.2
-2.5°	378.8	436.3	556.6	818.7	1386.7	2613.4	4766.6	7507.0	11032.0	17289.4	30310.2
-5°	377.3	432.8	544.8	790.4	1333.7	2473.9	4424.6	7090.1	10335.7	15383.8	25010.4
-7.5°	374.1	424.8	523.9	739.0	1217.3	2202.5	3938.7	6362.1	9191.3	12682.5	17360.0
-10°	369.6	413.0	495.8	670.6	1043.0	1792.0	3169.0	5401.3	7864.9	10422.4	13483.9
-12.5°	362.1	396.4	458.7	578.5	847.6	1423.4	2555.5	4325.1	6371.3	8475.5	10169.0
-15°	351.9	380.9	430.9	528.7	724.7	1113.6	1819.4	3065.6	4741.2	6241.6	7579.8
-17.5°	339.8	368.1	405.3	467.1	583.0	832.8	1300.2	2032.4	3029.7	4125.5	5039.3
-20°	326.0	352.7	382.0	427.6	505.1	629.3	870.6	1298.1	1775.5	2455.4	3026.0



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	311.5	335.6	362.3	392.5	438.1	516.6	628.0	825.7	1100.8	1372.5	1674.8
-25°	296.7	317.2	341.4	367.7	396.0	437.6	502.7	579.7	716.1	821.9	982.5
-27.5°	283.5	301.0	321.3	343.9	367.1	390.4	425.9	464.9	522.9	569.1	647.6
-30°	271.1	285.5	302.8	321.9	341.1	360.6	381.1	403.8	425.4	448.6	481.8
-32.5°	261.4	271.3	284.7	300.5	315.9	332.2	348.4	364.8	377.1	389.8	402.6
-35°	252.6	260.5	268.8	281.2	293.7	306.3	319.8	334.5	346.9	356.0	362.6
-37.5°	245.5	251.4	258.1	265.1	275.0	285.2	296.4	307.5	317.1	325.8	332.8
-40°	239.3	243.3	249.0	254.3	260.4	265.8	274.8	283.6	290.4	296.2	301.4
-42.5°	233.8	237.5	241.2	245.7	249.8	253.7	257.9	261.7	265.5	269.7	272.5
-45°	228.4	232.2	235.5	238.7	241.6	244.6	247.1	248.9	250.6	251.8	252.4
-47.5°	223.9	227.0	230.2	233.0	235.4	237.7	239.6	240.6	241.4	241.8	241.7
-50°	218.8	222.4	225.2	227.9	230.3	232.4	234.0	234.8	235.2	235.3	235.0
-52.5°	212.3	216.1	219.7	222.9	225.2	227.4	229.3	229.9	230.1	230.3	230.3
-55°	205.3	209.2	212.7	216.1	219.1	221.7	223.6	224.5	225.0	225.3	225.6
-57.5°	196.6	201.4	205.6	208.7	211.7	214.8	216.9	218.3	219.3	220.1	220.6
-60°	186.5	191.5	195.7	199.4	202.8	206.0	208.5	210.7	212.4	213.8	215.1
-62.5°	174.7	179.7	183.9	187.9	191.6	194.8	198.0	200.9	203.4	205.6	207.7
-65°	159.3	164.3	169.4	174.0	178.4	181.5	184.8	187.9	190.8	193.2	194.9
-67.5°	142.8	147.4	152.0	156.6	160.6	164.4	168.0	171.3	174.3	176.3	177.5
-70°	124.5	129.0	133.1	136.8	140.2	143.7	147.4	150.7	153.7	155.7	156.8
-72.5°	104.5	108.9	112.7	116.0	119.0	121.8	124.6	127.2	129.6	131.4	132.7
-75°	83.4	87.0	90.3	93.4	96.2	98.7	100.9	102.8	104.5	106.1	107.5
-77.5°	62.3	65.3	68.2	70.7	73.1	75.0	76.7	78.1	79.3	80.9	82.3
-80°	43.5	45.7	47.7	49.6	51.4	52.8	54.0	55.0	55.8	56.7	57.4
-82.5°	27.9	29.3	30.6	31.8	32.8	33.7	34.5	35.1	35.7	36.2	36.7
-85°	15.9	16.6	17.2	17.9	18.6	19.1	19.5	19.9	20.3	20.5	20.8
-87.5°	7.1	7.1	7.0	6.9	6.8	6.9	7.0	7.2	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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2
85°	21.0	21.1	21.2	21.2	21.2	21.1	21.0	20.8	20.5	20.3	19.9
82.5°	37.0	37.2	37.4	37.4	37.4	37.2	37.0	36.7	36.2	35.7	35.1
80°	58.0	58.4	58.6	58.7	58.6	58.4	58.0	57.4	56.7	55.8	55.0
77.5°	83.4	84.4	84.8	84.9	84.8	84.4	83.4	82.3	80.9	79.3	78.1
75°	108.6	109.3	109.8	109.9	109.8	109.3	108.6	107.5	106.1	104.5	102.8
72.5°	133.6	134.1	135.2	136.1	135.2	134.1	133.6	132.7	131.4	129.6	127.2
70°	157.5	157.8	158.9	159.8	158.9	157.8	157.5	156.8	155.7	153.7	150.7
67.5°	178.5	179.1	179.0	178.5	179.0	179.1	178.5	177.5	176.3	174.3	171.3
65°	196.4	197.7	197.7	197.2	197.7	197.7	196.4	194.9	193.2	190.8	187.9
62.5°	209.6	211.4	212.0	212.2	212.0	211.4	209.6	207.7	205.6	203.4	200.9
60°	216.1	216.8	217.1	217.2	217.1	216.8	216.1	215.1	213.8	212.4	210.7
57.5°	220.9	220.9	220.9	221.0	220.9	220.9	220.9	220.6	220.1	219.3	218.3
55°	225.8	225.7	225.4	224.7	225.4	225.7	225.8	225.6	225.3	225.0	224.5
52.5°	230.2	229.8	229.2	228.4	229.2	229.8	230.2	230.3	230.3	230.1	229.9
50°	234.5	233.7	233.3	233.4	233.3	233.7	234.5	235.0	235.3	235.2	234.8
47.5°	241.5	241.0	240.8	240.9	240.8	241.0	241.5	241.7	241.8	241.4	240.6
45°	252.6	252.2	252.0	252.2	252.0	252.2	252.6	252.4	251.8	250.6	248.9
42.5°	274.0	274.2	274.1	274.6	274.1	274.2	274.0	272.5	269.7	265.5	261.7
40°	303.5	303.3	302.3	302.1	302.3	303.3	303.5	301.4	296.2	290.4	283.6
37.5°	335.6	335.7	334.6	334.5	334.6	335.7	335.6	332.8	325.8	317.1	307.5
35°	366.0	367.2	367.0	365.8	367.0	367.2	366.0	362.6	356.0	346.9	334.5
32.5°	411.6	418.6	422.2	420.7	422.2	418.6	411.6	402.6	389.8	377.1	364.8
30°	502.7	520.7	530.2	534.3	530.2	520.7	502.7	481.8	448.6	425.4	403.8
27.5°	703.8	743.5	761.3	767.7	761.3	743.5	703.8	647.6	569.1	522.9	464.9
25°	1122.7	1212.4	1256.6	1270.8	1256.6	1212.4	1122.7	982.5	821.9	716.1	579.7
22.5°	2007.6	2180.2	2298.2	2324.4	2298.2	2180.2	2007.6	1674.8	1372.5	1100.8	825.7
20°	3599.6	3933.4	4114.5	4098.2	4114.5	3933.4	3599.6	3026.0	2455.4	1775.5	1298.1
17.5°	5816.1	6244.2	6447.9	6352.7	6447.9	6244.2	5816.1	5039.3	4125.5	3029.7	2032.4
15°	8526.2	9104.5	9356.7	9434.7	9356.7	9104.5	8526.2	7579.8	6241.6	4741.2	3065.6
12.5°	11859.6	13755.3	14661.9	14904.9	14661.9	13755.3	11859.6	10169.0	8475.5	6371.3	4325.1
10°	16615.3	22987.8	26778.3	27703.8	26778.3	22987.8	16615.3	13483.9	10422.4	7864.9	5401.3
7.5°	27134.3	40083.7	54590.1	61459.5	54590.1	40083.7	27134.3	17360.0	12682.5	9191.3	6362.1
5°	41379.7	71817.8	105404.4	118571.0	105404.4	71817.8	41379.7	25010.4	15383.8	10335.7	7090.1
2.5°	58697.5	108439.4	154847.9	172148.0	154847.9	108439.4	58697.5	30310.2	17289.4	11032.0	7507.0
0°	66014.0	125018.5	170608.8	185428.1	170608.8	125018.5	66014.0	32009.2	17460.2	11267.3	7625.9
-2.5°	58697.5	108439.4	154847.9	172147.9	154847.9	108439.4	58697.5	30310.2	17289.4	11032.0	7507.0
-5°	41379.7	71817.8	105404.4	118571.0	105404.4	71817.8	41379.7	25010.4	15383.8	10335.7	7090.1
-7.5°	27134.3	40083.7	54590.1	61459.5	54590.1	40083.7	27134.3	17360.0	12682.5	9191.3	6362.1
-10°	16615.3	22987.8	26778.3	27703.8	26778.3	22987.8	16615.3	13483.9	10422.4	7864.9	5401.3
-12.5°	11859.6	13755.3	14661.9	14904.9	14661.9	13755.3	11859.6	10169.0	8475.5	6371.3	4325.1
-15°	8526.2	9104.5	9356.7	9434.7	9356.7	9104.5	8526.2	7579.8	6241.6	4741.2	3065.6
-17.5°	5816.1	6244.2	6447.9	6352.7	6447.9	6244.2	5816.1	5039.3	4125.5	3029.7	2032.4
-20°	3599.6	3933.4	4114.5	4098.2	4114.5	3933.4	3599.6	3026.0	2455.4	1775.5	1298.1



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	2007.6	2180.2	2298.2	2324.4	2298.2	2180.2	2007.6	1674.8	1372.5	1100.8	825.7
-25°	1122.7	1212.4	1256.6	1270.8	1256.6	1212.4	1122.7	982.5	821.9	716.1	579.7
-27.5°	703.8	743.5	761.3	767.7	761.3	743.5	703.8	647.6	569.1	522.9	464.9
-30°	502.7	520.7	530.2	534.3	530.2	520.7	502.7	481.8	448.6	425.4	403.8
-32.5°	411.6	418.6	422.2	420.7	422.2	418.6	411.6	402.6	389.8	377.1	364.8
-35°	366.0	367.2	367.0	365.8	367.0	367.2	366.0	362.6	356.0	346.9	334.5
-37.5°	335.6	335.7	334.6	334.5	334.6	335.7	335.6	332.8	325.8	317.1	307.5
-40°	303.5	303.3	302.3	302.1	302.3	303.3	303.5	301.4	296.2	290.4	283.6
-42.5°	274.0	274.2	274.1	274.6	274.1	274.2	274.0	272.5	269.7	265.5	261.7
-45°	252.6	252.2	252.0	252.2	252.0	252.2	252.6	252.4	251.8	250.6	248.9
-47.5°	241.5	241.0	240.8	240.9	240.8	241.0	241.5	241.7	241.8	241.4	240.6
-50°	234.5	233.7	233.3	233.4	233.3	233.7	234.5	235.0	235.3	235.2	234.8
-52.5°	230.2	229.8	229.2	228.4	229.2	229.8	230.2	230.3	230.3	230.1	229.9
-55°	225.8	225.7	225.4	224.7	225.4	225.7	225.8	225.6	225.3	225.0	224.5
-57.5°	220.9	220.9	220.9	221.0	220.9	220.9	220.9	220.6	220.1	219.3	218.3
-60°	216.1	216.8	217.1	217.2	217.1	216.8	216.1	215.1	213.8	212.4	210.7
-62.5°	209.6	211.4	212.0	212.2	212.0	211.4	209.6	207.7	205.6	203.4	200.9
-65°	196.4	197.7	197.7	197.2	197.7	197.7	196.4	194.9	193.2	190.8	187.9
-67.5°	178.5	179.1	179.0	178.5	179.0	179.1	178.5	177.5	176.3	174.3	171.3
-70°	157.5	157.8	158.9	159.8	158.9	157.8	157.5	156.8	155.7	153.7	150.7
-72.5°	133.6	134.1	135.2	136.1	135.2	134.1	133.6	132.7	131.4	129.6	127.2
-75°	108.6	109.3	109.8	109.9	109.8	109.3	108.6	107.5	106.1	104.5	102.8
-77.5°	83.4	84.4	84.8	84.9	84.8	84.4	83.4	82.3	80.9	79.3	78.1
-80°	58.0	58.4	58.6	58.7	58.6	58.4	58.0	57.4	56.7	55.8	55.0
-82.5°	37.0	37.2	37.4	37.4	37.4	37.2	37.0	36.7	36.2	35.7	35.1
-85°	21.0	21.1	21.2	21.2	21.2	21.1	21.0	20.8	20.5	20.3	19.9
-87.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2
-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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	7.0	6.9	6.8	6.9	7.0	7.1	7.1	6.9	6.7	6.4	6.2
85°	19.5	19.1	18.6	17.9	17.2	16.6	15.9	15.1	14.4	13.6	12.8
82.5°	34.5	33.7	32.8	31.8	30.6	29.3	27.9	26.3	24.7	22.8	20.9
80°	54.0	52.8	51.4	49.6	47.7	45.7	43.5	41.3	38.8	36.3	34.1
77.5°	76.7	75.0	73.1	70.7	68.2	65.3	62.3	59.6	57.0	53.9	50.4
75°	100.9	98.7	96.2	93.4	90.3	87.0	83.4	79.5	75.6	71.7	67.5
72.5°	124.6	121.8	119.0	116.0	112.7	108.9	104.5	99.7	94.7	89.3	84.0
70°	147.4	143.7	140.2	136.8	133.1	129.0	124.5	119.5	114.2	108.2	101.5
67.5°	168.0	164.4	160.6	156.6	152.0	147.4	142.8	138.1	132.5	126.2	118.7
65°	184.8	181.5	178.4	174.0	169.4	164.3	159.3	153.9	148.3	142.5	135.5
62.5°	198.0	194.8	191.6	187.9	183.9	179.7	174.7	168.8	162.7	156.4	149.2
60°	208.5	206.0	202.8	199.4	195.7	191.5	186.5	181.4	176.2	169.3	162.0
57.5°	216.9	214.8	211.7	208.7	205.6	201.4	196.6	191.5	185.9	180.4	174.1
55°	223.6	221.7	219.1	216.1	212.7	209.2	205.3	200.5	195.0	189.8	183.5
52.5°	229.3	227.4	225.2	222.9	219.7	216.1	212.3	207.9	203.4	198.0	192.2
50°	234.0	232.4	230.3	227.9	225.2	222.4	218.8	214.5	210.5	205.6	199.9
47.5°	239.6	237.7	235.4	233.0	230.2	227.0	223.9	220.8	216.8	212.5	206.8
45°	247.1	244.6	241.6	238.7	235.5	232.2	228.4	225.5	222.4	218.1	213.5
42.5°	257.9	253.7	249.8	245.7	241.2	237.5	233.8	230.4	227.0	223.3	218.4
40°	274.8	265.8	260.4	254.3	249.0	243.3	239.3	235.1	231.5	227.9	223.1
37.5°	296.4	285.2	275.0	265.1	258.1	251.4	245.5	240.5	235.6	231.7	227.1
35°	319.8	306.3	293.7	281.2	268.8	260.5	252.6	246.4	240.7	235.4	230.8
32.5°	348.4	332.2	315.9	300.5	284.7	271.3	261.4	252.7	245.7	239.6	234.3
30°	381.1	360.6	341.1	321.9	302.8	285.5	271.1	260.1	250.9	243.7	237.8
27.5°	425.9	390.4	367.1	343.9	321.3	301.0	283.5	268.0	256.5	248.1	241.2
25°	502.7	437.6	396.0	367.7	341.4	317.2	296.7	278.5	263.5	252.3	243.7
22.5°	628.0	516.6	438.1	392.5	362.3	335.6	311.5	289.6	269.8	256.4	246.7
20°	870.6	629.3	505.1	427.6	382.0	352.7	326.0	301.3	278.4	260.7	249.2
17.5°	1300.2	832.8	583.0	467.1	405.3	368.1	339.8	311.9	286.4	264.4	251.2
15°	1819.4	1113.6	724.7	528.7	430.9	380.9	351.9	321.6	294.1	269.3	253.9
12.5°	2555.5	1423.4	847.6	578.5	458.7	396.4	362.1	331.2	301.3	274.5	256.2
10°	3169.0	1792.0	1043.0	670.6	495.8	413.0	369.6	336.9	305.3	278.2	257.7
7.5°	3938.7	2202.5	1217.3	739.0	523.9	424.8	374.1	340.0	307.5	280.5	258.5
5°	4424.6	2473.9	1333.7	790.4	544.8	432.8	377.3	341.1	307.9	281.5	258.6
2.5°	4766.6	2613.4	1386.7	818.7	556.6	436.3	378.8	341.9	309.4	282.3	260.0
0°	4823.5	2720.1	1394.4	825.1	558.0	434.4	378.2	342.0	310.8	282.1	260.9
-2.5°	4766.6	2613.4	1386.7	818.7	556.6	436.3	378.8	341.9	309.4	282.3	260.0
-5°	4424.6	2473.9	1333.7	790.4	544.8	432.8	377.3	341.1	307.9	281.5	258.6
-7.5°	3938.7	2202.5	1217.3	739.0	523.9	424.8	374.1	340.0	307.5	280.5	258.5
-10°	3169.0	1792.0	1043.0	670.6	495.8	413.0	369.6	336.9	305.3	278.2	257.7
-12.5°	2555.5	1423.4	847.6	578.5	458.7	396.4	362.1	331.2	301.3	274.5	256.2
-15°	1819.4	1113.6	724.7	528.7	430.9	380.9	351.9	321.6	294.1	269.3	253.9
-17.5°	1300.2	832.8	583.0	467.1	405.3	368.1	339.8	311.9	286.4	264.4	251.2
-20°	870.6	629.3	505.1	427.6	382.0	352.7	326.0	301.3	278.4	260.7	249.2



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	628.0	516.6	438.1	392.5	362.3	335.6	311.5	289.6	269.8	256.4	246.7
-25°	502.7	437.6	396.0	367.7	341.4	317.2	296.7	278.5	263.5	252.3	243.7
-27.5°	425.9	390.4	367.1	343.9	321.3	301.0	283.5	268.0	256.5	248.1	241.2
-30°	381.1	360.6	341.1	321.9	302.8	285.5	271.1	260.1	250.9	243.7	237.8
-32.5°	348.4	332.2	315.9	300.5	284.7	271.3	261.4	252.7	245.7	239.6	234.3
-35°	319.8	306.3	293.7	281.2	268.8	260.5	252.6	246.4	240.7	235.4	230.8
-37.5°	296.4	285.2	275.0	265.1	258.1	251.4	245.5	240.5	235.6	231.7	227.1
-40°	274.8	265.8	260.4	254.3	249.0	243.3	239.3	235.1	231.5	227.9	223.1
-42.5°	257.9	253.7	249.8	245.7	241.2	237.5	233.8	230.4	227.0	223.3	218.4
-45°	247.1	244.6	241.6	238.7	235.5	232.2	228.4	225.5	222.4	218.1	213.5
-47.5°	239.6	237.7	235.4	233.0	230.2	227.0	223.9	220.8	216.8	212.5	206.8
-50°	234.0	232.4	230.3	227.9	225.2	222.4	218.8	214.5	210.5	205.6	199.9
-52.5°	229.3	227.4	225.2	222.9	219.7	216.1	212.3	207.9	203.4	198.0	192.2
-55°	223.6	221.7	219.1	216.1	212.7	209.2	205.3	200.5	195.0	189.8	183.5
-57.5°	216.9	214.8	211.7	208.7	205.6	201.4	196.6	191.5	185.9	180.4	174.1
-60°	208.5	206.0	202.8	199.4	195.7	191.5	186.5	181.4	176.2	169.3	162.0
-62.5°	198.0	194.8	191.6	187.9	183.9	179.7	174.7	168.8	162.7	156.4	149.2
-65°	184.8	181.5	178.4	174.0	169.4	164.3	159.3	153.9	148.3	142.5	135.5
-67.5°	168.0	164.4	160.6	156.6	152.0	147.4	142.8	138.1	132.5	126.2	118.7
-70°	147.4	143.7	140.2	136.8	133.1	129.0	124.5	119.5	114.2	108.2	101.5
-72.5°	124.6	121.8	119.0	116.0	112.7	108.9	104.5	99.7	94.7	89.3	84.0
-75°	100.9	98.7	96.2	93.4	90.3	87.0	83.4	79.5	75.6	71.7	67.5
-77.5°	76.7	75.0	73.1	70.7	68.2	65.3	62.3	59.6	57.0	53.9	50.4
-80°	54.0	52.8	51.4	49.6	47.7	45.7	43.5	41.3	38.8	36.3	34.1
-82.5°	34.5	33.7	32.8	31.8	30.6	29.3	27.9	26.3	24.7	22.8	20.9
-85°	19.5	19.1	18.6	17.9	17.2	16.6	15.9	15.1	14.4	13.6	12.8
-87.5°	7.0	6.9	6.8	6.9	7.0	7.1	7.1	6.9	6.7	6.4	6.2
-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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	5.9	5.6	5.3	5.0	4.7	4.3	4.0	3.7	3.3	3.0	2.6
85°	12.3	11.7	11.1	10.4	9.6	8.7	8.0	7.3	6.7	5.9	5.2
82.5°	19.5	18.6	17.8	16.8	16.0	15.0	13.8	12.3	10.7	9.0	7.8
80°	32.1	29.9	27.7	25.4	23.2	21.2	19.8	18.1	15.7	13.4	11.2
77.5°	46.6	42.8	39.1	35.9	32.5	29.4	26.6	23.9	20.8	17.8	15.0
75°	62.7	57.7	52.8	47.9	42.7	37.5	33.7	30.1	26.3	22.3	18.7
72.5°	78.6	72.8	66.8	60.4	54.4	48.2	41.9	36.2	31.9	27.4	22.6
70°	94.8	88.1	81.3	74.0	66.4	59.0	51.8	44.6	37.6	32.5	27.2
67.5°	111.0	103.1	95.4	87.3	78.8	70.2	61.7	53.4	45.3	37.6	31.7
65°	126.9	118.0	109.0	100.2	90.9	81.4	71.8	62.1	52.9	44.2	36.1
62.5°	141.4	132.9	123.0	113.1	103.0	92.5	81.8	71.1	60.4	50.6	41.3
60°	154.3	145.6	136.5	126.0	114.9	103.6	91.9	80.0	68.4	56.8	46.6
57.5°	166.0	157.6	148.2	138.2	126.8	114.6	101.9	89.0	76.1	63.5	51.8
55°	176.8	168.3	159.3	149.1	137.9	125.3	111.7	97.9	83.8	70.3	56.9
52.5°	185.5	178.0	169.2	159.3	147.9	135.5	121.4	106.5	91.6	76.8	62.6
50°	193.4	186.4	178.1	168.3	157.5	144.6	130.8	115.1	99.2	83.2	68.2
47.5°	200.6	193.8	185.9	176.7	165.7	153.5	139.2	123.5	106.4	89.7	73.6
45°	207.0	200.4	193.0	184.0	173.5	161.1	147.0	131.6	113.7	96.0	78.7
42.5°	213.0	206.2	199.0	191.0	180.2	168.1	154.5	138.5	120.8	102.0	83.8
40°	217.6	211.4	204.5	196.3	186.5	174.9	160.8	145.0	127.5	107.8	88.9
37.5°	221.9	215.8	209.0	201.3	192.2	180.4	166.8	151.2	133.7	113.5	93.6
35°	225.5	219.7	213.0	205.5	196.6	185.7	172.6	156.8	138.8	118.8	98.1
32.5°	228.9	223.1	216.3	208.9	200.7	190.6	177.5	161.6	143.7	123.8	102.4
30°	232.0	225.8	219.3	212.0	204.3	194.3	181.7	166.1	148.2	128.4	106.3
27.5°	234.6	228.1	222.0	214.6	206.9	197.6	185.4	170.2	152.3	132.4	110.1
25°	237.0	230.2	224.0	217.0	209.2	200.7	188.9	174.0	155.9	135.8	113.4
22.5°	239.1	232.2	225.6	219.2	211.2	203.5	191.8	176.8	158.9	138.8	116.5
20°	241.0	233.9	226.9	220.9	213.0	205.2	194.1	179.4	161.7	141.5	119.2
17.5°	242.7	235.4	228.2	221.9	214.4	206.7	196.2	181.7	164.1	144.0	121.6
15°	244.2	236.5	229.3	222.7	215.6	207.9	198.1	183.7	166.1	146.0	123.6
12.5°	245.4	237.3	230.2	223.3	216.5	208.8	199.7	185.4	167.8	147.7	125.3
10°	246.4	237.7	230.9	223.7	217.1	209.6	201.0	186.8	169.2	149.1	126.7
7.5°	247.1	237.8	231.3	223.9	217.6	210.1	201.8	187.7	170.2	150.1	127.7
5°	247.7	238.1	231.7	224.3	218.1	210.6	202.3	188.3	170.8	150.8	128.3
2.5°	248.9	239.0	232.1	224.6	218.4	210.9	202.4	188.6	171.1	151.1	128.6
0°	249.7	239.7	232.2	224.7	218.5	211.0	202.2	188.5	171.0	151.0	128.6
-2.5°	248.9	239.0	232.1	224.6	218.4	210.9	202.4	188.6	171.1	151.1	128.6
-5°	247.7	238.1	231.7	224.3	218.1	210.6	202.3	188.3	170.8	150.8	128.3
-7.5°	247.1	237.8	231.3	223.9	217.6	210.1	201.8	187.7	170.2	150.1	127.7
-10°	246.4	237.7	230.9	223.7	217.1	209.6	201.0	186.8	169.2	149.1	126.7
-12.5°	245.4	237.3	230.2	223.3	216.5	208.8	199.7	185.4	167.8	147.7	125.3
-15°	244.2	236.5	229.3	222.7	215.6	207.9	198.1	183.7	166.1	146.0	123.6
-17.5°	242.7	235.4	228.2	221.9	214.4	206.7	196.2	181.7	164.1	144.0	121.6
-20°	241.0	233.9	226.9	220.9	213.0	205.2	194.1	179.4	161.7	141.5	119.2



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	239.1	232.2	225.6	219.2	211.2	203.5	191.8	176.8	158.9	138.8	116.5
-25°	237.0	230.2	224.0	217.0	209.2	200.7	188.9	174.0	155.9	135.8	113.4
-27.5°	234.6	228.1	222.0	214.6	206.9	197.6	185.4	170.2	152.3	132.4	110.1
-30°	232.0	225.8	219.3	212.0	204.3	194.3	181.7	166.1	148.2	128.4	106.3
-32.5°	228.9	223.1	216.3	208.9	200.7	190.6	177.5	161.6	143.7	123.8	102.4
-35°	225.5	219.7	213.0	205.5	196.6	185.7	172.6	156.8	138.8	118.8	98.1
-37.5°	221.9	215.8	209.0	201.3	192.2	180.4	166.8	151.2	133.7	113.5	93.6
-40°	217.6	211.4	204.5	196.3	186.5	174.9	160.8	145.0	127.5	107.8	88.9
-42.5°	213.0	206.2	199.0	191.0	180.2	168.1	154.5	138.5	120.8	102.0	83.8
-45°	207.0	200.4	193.0	184.0	173.5	161.1	147.0	131.6	113.7	96.0	78.7
-47.5°	200.6	193.8	185.9	176.7	165.7	153.5	139.2	123.5	106.4	89.7	73.6
-50°	193.4	186.4	178.1	168.3	157.5	144.6	130.8	115.1	99.2	83.2	68.2
-52.5°	185.5	178.0	169.2	159.3	147.9	135.5	121.4	106.5	91.6	76.8	62.6
-55°	176.8	168.3	159.3	149.1	137.9	125.3	111.7	97.9	83.8	70.3	56.9
-57.5°	166.0	157.6	148.2	138.2	126.8	114.6	101.9	89.0	76.1	63.5	51.8
-60°	154.3	145.6	136.5	126.0	114.9	103.6	91.9	80.0	68.4	56.8	46.6
-62.5°	141.4	132.9	123.0	113.1	103.0	92.5	81.8	71.1	60.4	50.6	41.3
-65°	126.9	118.0	109.0	100.2	90.9	81.4	71.8	62.1	52.9	44.2	36.1
-67.5°	111.0	103.1	95.4	87.3	78.8	70.2	61.7	53.4	45.3	37.6	31.7
-70°	94.8	88.1	81.3	74.0	66.4	59.0	51.8	44.6	37.6	32.5	27.2
-72.5°	78.6	72.8	66.8	60.4	54.4	48.2	41.9	36.2	31.9	27.4	22.6
-75°	62.7	57.7	52.8	47.9	42.7	37.5	33.7	30.1	26.3	22.3	18.7
-77.5°	46.6	42.8	39.1	35.9	32.5	29.4	26.6	23.9	20.8	17.8	15.0
-80°	32.1	29.9	27.7	25.4	23.2	21.2	19.8	18.1	15.7	13.4	11.2
-82.5°	19.5	18.6	17.8	16.8	16.0	15.0	13.8	12.3	10.7	9.0	7.8
-85°	12.3	11.7	11.1	10.4	9.6	8.7	8.0	7.3	6.7	5.9	5.2
-87.5°	5.9	5.6	5.3	5.0	4.7	4.3	4.0	3.7	3.3	3.0	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: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	2.3	2.0	1.6	1.3	0.9	0.4	0.0
85°	4.5	3.9	3.2	2.5	1.7	0.9	0.0
82.5°	6.7	5.9	4.9	3.8	2.6	1.3	0.0
80°	9.1	7.8	6.5	5.0	3.5	1.7	0.0
77.5°	12.3	10.0	8.1	6.3	4.3	2.2	0.0
75°	15.5	12.6	9.8	7.5	5.2	2.6	0.0
72.5°	18.6	15.3	11.9	8.7	6.0	3.0	0.0
70°	21.8	17.8	14.0	10.0	6.8	3.4	0.0
67.5°	25.7	20.4	16.0	11.6	7.6	3.8	0.0
65°	29.6	23.2	18.0	13.1	8.4	4.2	0.0
62.5°	33.3	26.3	20.0	14.6	9.2	4.6	0.0
60°	37.0	29.3	21.9	16.0	10.0	5.0	0.0
57.5°	41.3	32.3	24.2	17.4	10.9	5.4	0.0
55°	45.7	35.1	26.5	18.8	11.8	5.7	0.0
52.5°	49.9	38.0	28.6	20.2	12.7	6.1	0.0
50°	54.0	41.4	30.7	21.5	13.6	6.4	0.0
47.5°	58.1	44.7	32.8	22.8	14.4	6.8	0.0
45°	62.5	47.8	34.7	24.2	15.2	7.1	0.0
42.5°	66.7	50.9	36.5	25.6	15.9	7.4	0.0
40°	70.6	53.8	38.6	26.9	16.6	7.7	0.0
37.5°	74.4	56.5	40.7	28.1	17.3	7.9	0.0
35°	78.0	59.3	42.8	29.2	18.0	8.2	0.0
32.5°	81.4	62.1	44.8	30.2	18.6	8.4	0.0
30°	84.7	64.7	46.6	31.2	19.1	8.7	0.0
27.5°	87.9	67.1	48.2	32.1	19.7	8.9	0.0
25°	90.7	69.2	49.8	32.9	20.2	9.1	0.0
22.5°	93.3	71.2	51.2	33.6	20.6	9.2	0.0
20°	95.7	73.0	52.4	34.2	21.0	9.4	0.0
17.5°	97.8	74.6	53.6	34.8	21.3	9.5	0.0
15°	99.7	76.0	54.6	35.2	21.6	9.7	0.0
12.5°	101.3	77.2	55.4	35.6	21.9	9.8	0.0
10°	102.6	78.2	56.1	35.9	22.1	9.8	0.0
7.5°	103.6	78.9	56.7	36.1	22.3	9.9	0.0
5°	104.3	79.5	57.1	36.2	22.4	10.0	0.0
2.5°	104.8	79.8	57.3	36.2	22.5	10.0	0.0
0°	104.9	79.9	57.4	36.2	22.5	10.0	0.0
-2.5°	104.8	79.8	57.3	36.2	22.5	10.0	0.0
-5°	104.3	79.5	57.1	36.2	22.4	10.0	0.0
-7.5°	103.6	78.9	56.7	36.1	22.3	9.9	0.0
-10°	102.6	78.2	56.1	35.9	22.1	9.8	0.0
-12.5°	101.3	77.2	55.4	35.6	21.9	9.8	0.0
-15°	99.7	76.0	54.6	35.2	21.6	9.7	0.0
-17.5°	97.8	74.6	53.6	34.8	21.3	9.5	0.0
-20°	95.7	73.0	52.4	34.2	21.0	9.4	0.0



REPORT NUMBER: P558888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.3	71.2	51.2	33.6	20.6	9.2	0.0
-25°	90.7	69.2	49.8	32.9	20.2	9.1	0.0
-27.5°	87.9	67.1	48.2	32.1	19.7	8.9	0.0
-30°	84.7	64.7	46.6	31.2	19.1	8.7	0.0
-32.5°	81.4	62.1	44.8	30.2	18.6	8.4	0.0
-35°	78.0	59.3	42.8	29.2	18.0	8.2	0.0
-37.5°	74.4	56.5	40.7	28.1	17.3	7.9	0.0
-40°	70.6	53.8	38.6	26.9	16.6	7.7	0.0
-42.5°	66.7	50.9	36.5	25.6	15.9	7.4	0.0
-45°	62.5	47.8	34.7	24.2	15.2	7.1	0.0
-47.5°	58.1	44.7	32.8	22.8	14.4	6.8	0.0
-50°	54.0	41.4	30.7	21.5	13.6	6.4	0.0
-52.5°	49.9	38.0	28.6	20.2	12.7	6.1	0.0
-55°	45.7	35.1	26.5	18.8	11.8	5.7	0.0
-57.5°	41.3	32.3	24.2	17.4	10.9	5.4	0.0
-60°	37.0	29.3	21.9	16.0	10.0	5.0	0.0
-62.5°	33.3	26.3	20.0	14.6	9.2	4.6	0.0
-65°	29.6	23.2	18.0	13.1	8.4	4.2	0.0
-67.5°	25.7	20.4	16.0	11.6	7.6	3.8	0.0
-70°	21.8	17.8	14.0	10.0	6.8	3.4	0.0
-72.5°	18.6	15.3	11.9	8.7	6.0	3.0	0.0
-75°	15.5	12.6	9.8	7.5	5.2	2.6	0.0
-77.5°	12.3	10.0	8.1	6.3	4.3	2.2	0.0
-80°	9.1	7.8	6.5	5.0	3.5	1.7	0.0
-82.5°	6.7	5.9	4.9	3.8	2.6	1.3	0.0
-85°	4.5	3.9	3.2	2.5	1.7	0.9	0.0
-87.5°	2.3	2.0	1.6	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)