

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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558720 (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-SA2E-927-U-TS-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

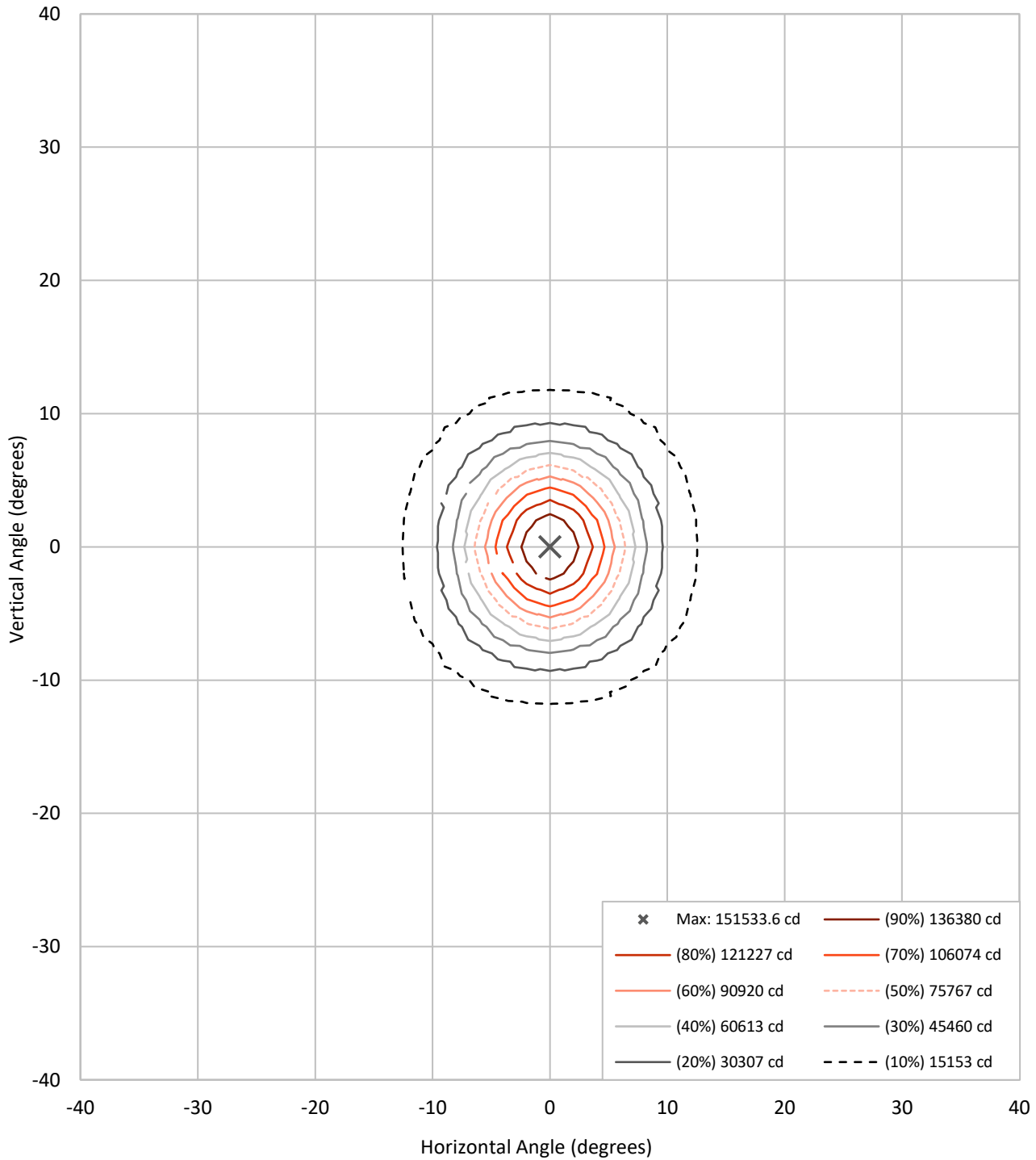
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10984.2 lumens	Max Intensity:	151533.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3470.8 lumens	Field Lumens:	7689.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 127  
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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### Iso-Candela Plot





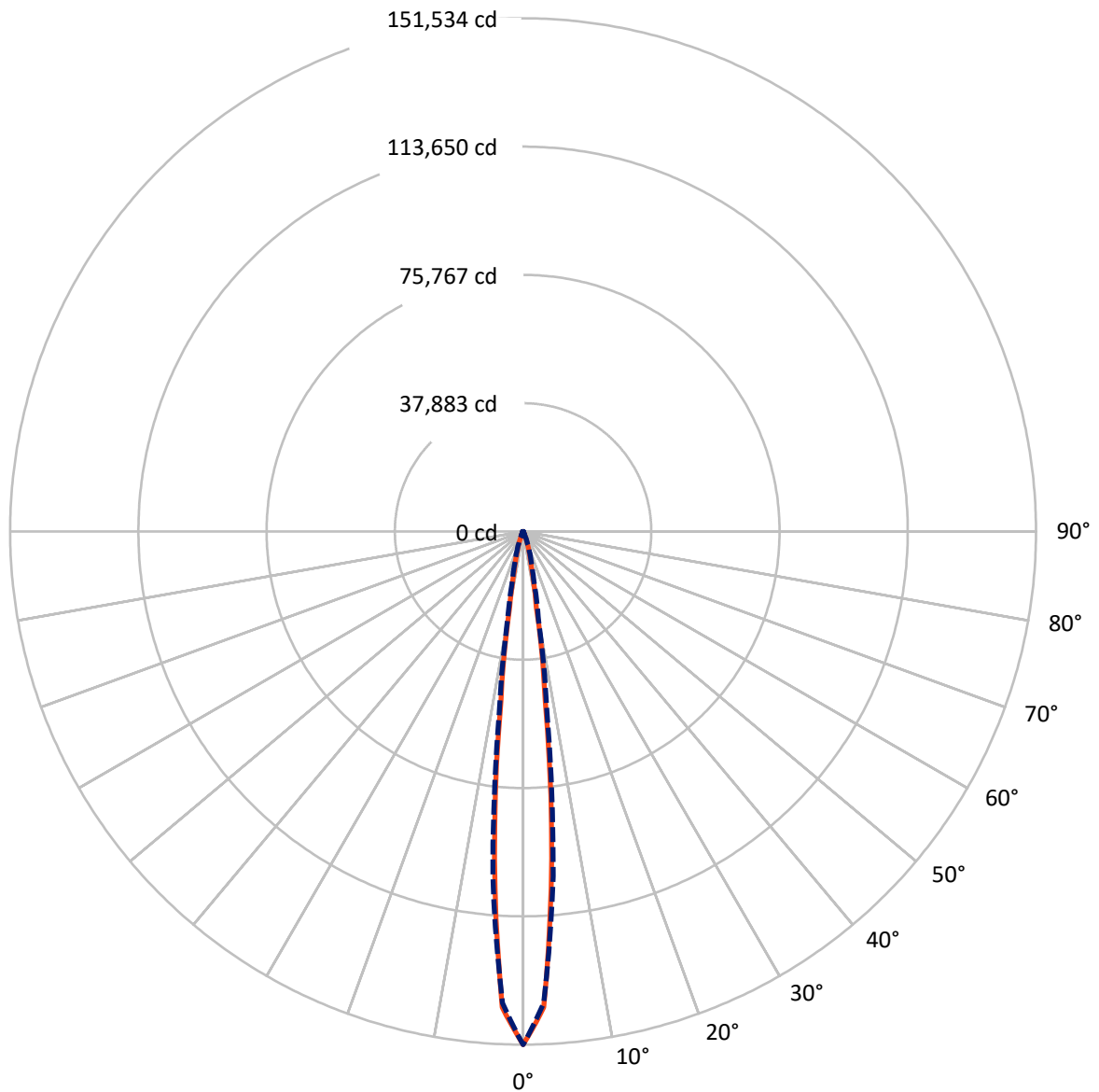
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 CATALOG NUMBER: GFLD-SA2E-927-U-TS-XX

### Lumen Table

90	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
80	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
70	0.6	0.7	1.4	2.4	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.4	1.4	0.7	0.6			
60		1.0	2.1	3.2	4.2	4.9	5.4	5.6	5.6	5.4	4.9	4.2	3.2	2.1	1.0				
50	1.1	1.4	2.6	3.7	4.7	5.5	6.1	6.4	6.4	6.1	5.5	4.7	3.7	2.6	1.4	1.1			
40		1.6	2.9	4.1	5.2	6.7	8.4	9.4	9.4	8.4	6.7	5.2	4.1	2.9	1.6				
30	1.4	1.8	3.1	4.3	6.1	9.5	21.1	38.3	38.3	21.1	9.5	6.1	4.3	3.1	1.8	1.4			
20		1.9	3.2	4.5	7.2	20.4	115.2	253.4	253.4	115.2	20.4	7.2	4.5	3.2	1.9				
10	1.5	2.0	3.2	4.7	8.0	39.1	276.5	1788.6	1788.6	276.5	39.1	8.0	4.7	3.2	2.0	1.5			
0		2.0	3.2	4.7	8.0	39.1	276.5	1788.6	1788.6	276.5	39.1	8.0	4.7	3.2	2.0				
-10	1.4	1.9	3.2	4.5	7.2	20.4	115.2	253.4	253.4	115.2	20.4	7.2	4.5	3.2	1.9	1.4			
-20		1.8	3.1	4.3	6.1	9.5	21.1	38.3	38.3	21.1	9.5	6.1	4.3	3.1	1.8				
-30	1.1	1.6	2.9	4.1	5.2	6.7	8.4	9.4	9.4	8.4	6.7	5.2	4.1	2.9	1.6	1.1			
-40		1.4	2.6	3.7	4.7	5.5	6.1	6.4	6.4	6.1	5.5	4.7	3.7	2.6	1.4				
-50	0.6	1.0	2.1	3.2	4.2	4.9	5.4	5.6	5.6	5.4	4.9	4.2	3.2	2.1	1.0	0.6			
-60		0.7	1.4	2.4	3.2	4.0	4.5	4.8	4.8	4.5	4.0	3.2	2.4	1.4	0.7				
-70	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
-80		1.3		3.5		5.7		6.6		5.7		3.5		1.3					
-90	0.2	1.3		3.5		5.7		6.6		5.7		3.5		1.3		0.2			
	-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-SA2E-927-U-TS-XX

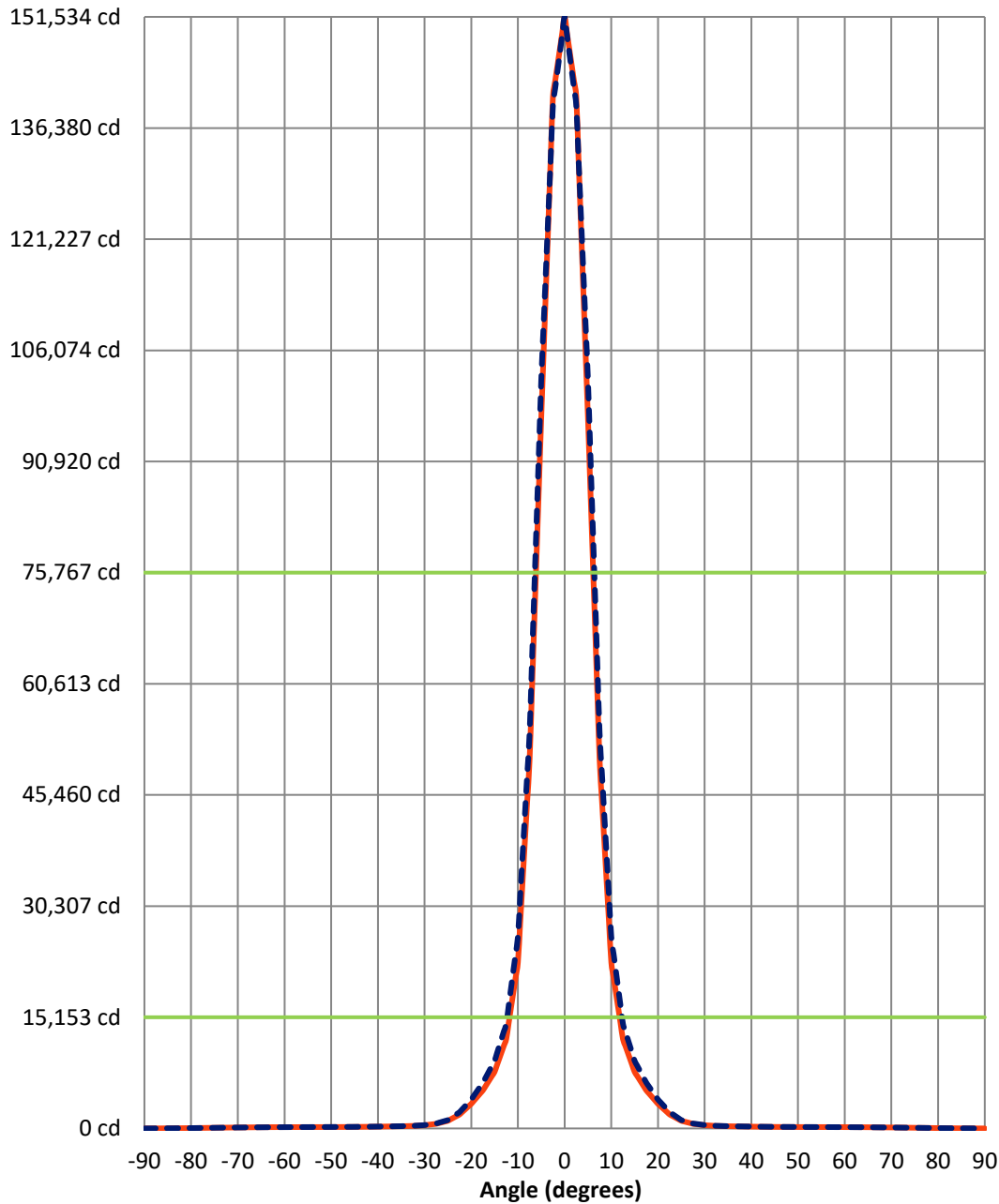
### Luminous Intensity Polar Plot



— 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: 3470.8  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 7689.1  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 3295.1  
 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	0.4	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
85°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.4	6.0
82.5°	0.0	1.1	2.1	3.1	4.0	4.8	5.5	6.4	7.4	8.7	10.1
80°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	9.2	11.0	12.9	14.8
77.5°	0.0	1.8	3.5	5.1	6.6	8.2	10.0	12.2	14.6	17.0	19.6
75°	0.0	2.1	4.2	6.2	8.0	10.3	12.6	15.3	18.2	21.5	24.6
72.5°	0.0	2.5	4.9	7.2	9.7	12.5	15.2	18.5	22.4	26.1	29.6
70°	0.0	2.8	5.6	8.2	11.4	14.6	17.8	22.2	26.6	30.7	36.5
67.5°	0.0	3.1	6.3	9.5	13.1	16.7	21.0	25.9	30.7	37.1	43.6
65°	0.0	3.5	6.9	10.7	14.7	19.0	24.2	29.6	36.1	43.2	50.8
62.5°	0.0	3.8	7.6	11.9	16.3	21.5	27.3	33.8	41.3	49.4	58.2
60°	0.0	4.1	8.2	13.1	17.9	24.0	30.3	38.1	46.4	55.9	65.4
57.5°	0.0	4.4	9.0	14.3	19.8	26.4	33.8	42.3	51.9	62.2	72.7
55°	0.0	4.7	9.7	15.4	21.6	28.7	37.4	46.5	57.4	68.5	80.0
52.5°	0.0	5.0	10.4	16.5	23.4	31.1	40.8	51.1	62.8	74.9	87.1
50°	0.0	5.3	11.1	17.6	25.1	33.8	44.1	55.7	68.0	81.0	94.1
47.5°	0.0	5.5	11.8	18.6	26.8	36.5	47.4	60.1	73.3	87.0	100.9
45°	0.0	5.8	12.4	19.8	28.4	39.1	51.0	64.3	78.4	92.9	107.5
42.5°	0.0	6.0	13.0	20.9	29.9	41.6	54.5	68.5	83.4	98.7	113.2
40°	0.0	6.3	13.6	22.0	31.5	43.9	57.7	72.6	88.1	104.2	118.5
37.5°	0.0	6.5	14.2	23.0	33.3	46.2	60.8	76.5	92.7	109.2	123.6
35°	0.0	6.7	14.7	23.9	35.0	48.5	63.7	80.2	97.1	113.4	128.2
32.5°	0.0	6.9	15.2	24.7	36.6	50.7	66.5	83.6	101.1	117.4	132.1
30°	0.0	7.1	15.7	25.5	38.1	52.9	69.3	86.9	104.9	121.1	135.7
27.5°	0.0	7.3	16.1	26.2	39.4	54.8	71.8	89.9	108.2	124.5	139.1
25°	0.0	7.4	16.5	26.9	40.7	56.6	74.1	92.7	111.0	127.4	142.1
22.5°	0.0	7.6	16.8	27.5	41.8	58.2	76.3	95.2	113.5	129.9	144.5
20°	0.0	7.7	17.2	28.0	42.9	59.7	78.2	97.4	115.7	132.1	146.6
17.5°	0.0	7.8	17.5	28.4	43.8	61.0	79.9	99.4	117.7	134.1	148.5
15°	0.0	7.9	17.7	28.8	44.6	62.1	81.4	101.0	119.4	135.8	150.2
12.5°	0.0	8.0	17.9	29.1	45.3	63.1	82.7	102.4	120.8	137.2	151.6
10°	0.0	8.1	18.1	29.3	45.9	63.9	83.8	103.5	121.9	138.3	152.7
7.5°	0.0	8.1	18.2	29.5	46.3	64.5	84.6	104.3	122.7	139.1	153.5
5°	0.0	8.2	18.3	29.6	46.6	64.9	85.2	104.9	123.2	139.6	153.9
2.5°	0.0	8.2	18.4	29.6	46.8	65.2	85.6	105.1	123.5	139.9	154.1
0°	0.0	8.2	18.4	29.6	46.8	65.2	85.6	105.1	123.5	139.9	154.1
-2.5°	0.0	8.2	18.4	29.6	46.8	65.2	85.6	105.1	123.5	139.9	154.1
-5°	0.0	8.2	18.3	29.6	46.6	64.9	85.2	104.9	123.2	139.6	153.9
-7.5°	0.0	8.1	18.2	29.5	46.3	64.5	84.6	104.3	122.7	139.1	153.5
-10°	0.0	8.1	18.1	29.3	45.9	63.9	83.8	103.5	121.9	138.3	152.7
-12.5°	0.0	8.0	17.9	29.1	45.3	63.1	82.7	102.4	120.8	137.2	151.6
-15°	0.0	7.9	17.7	28.8	44.6	62.1	81.4	101.0	119.4	135.8	150.2
-17.5°	0.0	7.8	17.5	28.4	43.8	61.0	79.9	99.4	117.7	134.1	148.5
-20°	0.0	7.7	17.2	28.0	42.9	59.7	78.2	97.4	115.7	132.1	146.6



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 CATALOG NUMBER: GFLD-SA2E-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	7.6	16.8	27.5	41.8	58.2	76.3	95.2	113.5	129.9	144.5
-25°	0.0	7.4	16.5	26.9	40.7	56.6	74.1	92.7	111.0	127.4	142.1
-27.5°	0.0	7.3	16.1	26.2	39.4	54.8	71.8	89.9	108.2	124.5	139.1
-30°	0.0	7.1	15.7	25.5	38.1	52.9	69.3	86.9	104.9	121.1	135.7
-32.5°	0.0	6.9	15.2	24.7	36.6	50.7	66.5	83.6	101.1	117.4	132.1
-35°	0.0	6.7	14.7	23.9	35.0	48.5	63.7	80.2	97.1	113.4	128.2
-37.5°	0.0	6.5	14.2	23.0	33.3	46.2	60.8	76.5	92.7	109.2	123.6
-40°	0.0	6.3	13.6	22.0	31.5	43.9	57.7	72.6	88.1	104.2	118.5
-42.5°	0.0	6.0	13.0	20.9	29.9	41.6	54.5	68.5	83.4	98.7	113.2
-45°	0.0	5.8	12.4	19.8	28.4	39.1	51.0	64.3	78.4	92.9	107.5
-47.5°	0.0	5.5	11.8	18.6	26.8	36.5	47.4	60.1	73.3	87.0	100.9
-50°	0.0	5.3	11.1	17.6	25.1	33.8	44.1	55.7	68.0	81.0	94.1
-52.5°	0.0	5.0	10.4	16.5	23.4	31.1	40.8	51.1	62.8	74.9	87.1
-55°	0.0	4.7	9.7	15.4	21.6	28.7	37.4	46.5	57.4	68.5	80.0
-57.5°	0.0	4.4	9.0	14.3	19.8	26.4	33.8	42.3	51.9	62.2	72.7
-60°	0.0	4.1	8.2	13.1	17.9	24.0	30.3	38.1	46.4	55.9	65.4
-62.5°	0.0	3.8	7.6	11.9	16.3	21.5	27.3	33.8	41.3	49.4	58.2
-65°	0.0	3.5	6.9	10.7	14.7	19.0	24.2	29.6	36.1	43.2	50.8
-67.5°	0.0	3.1	6.3	9.5	13.1	16.7	21.0	25.9	30.7	37.1	43.6
-70°	0.0	2.8	5.6	8.2	11.4	14.6	17.8	22.2	26.6	30.7	36.5
-72.5°	0.0	2.5	4.9	7.2	9.7	12.5	15.2	18.5	22.4	26.1	29.6
-75°	0.0	2.1	4.2	6.2	8.0	10.3	12.6	15.3	18.2	21.5	24.6
-77.5°	0.0	1.8	3.5	5.1	6.6	8.2	10.0	12.2	14.6	17.0	19.6
-80°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	9.2	11.0	12.9	14.8
-82.5°	0.0	1.1	2.1	3.1	4.0	4.8	5.5	6.4	7.4	8.7	10.1
-85°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.4	6.0
-87.5°	0.0	0.4	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA2E-927-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°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
85°	6.6	7.1	7.8	8.4	9.0	9.6	10.1	10.5	11.1	11.7	12.3
82.5°	11.2	12.2	13.0	13.7	14.5	15.2	15.9	17.1	18.7	20.2	21.5
80°	16.2	17.4	18.9	20.7	22.6	24.5	26.2	27.9	29.7	31.7	33.8
77.5°	21.8	24.1	26.6	29.3	32.0	35.0	38.1	41.2	44.1	46.6	48.8
75°	27.5	30.7	34.9	39.1	43.2	47.1	51.2	55.2	58.6	61.8	65.0
72.5°	34.3	39.4	44.5	49.4	54.6	59.5	64.2	68.7	73.0	77.4	81.5
70°	42.4	48.2	54.3	60.5	66.5	72.0	77.5	83.0	88.4	93.3	97.7
67.5°	50.4	57.4	64.4	71.4	78.0	84.3	90.7	97.1	103.1	108.3	112.8
65°	58.7	66.5	74.3	81.9	89.1	96.5	103.7	110.7	116.4	121.2	125.7
62.5°	66.8	75.6	84.2	92.4	100.5	108.6	115.6	121.9	127.8	132.9	137.9
60°	75.1	84.7	94.0	103.0	111.6	119.0	126.1	132.4	138.3	144.0	148.2
57.5°	83.3	93.7	103.6	112.9	121.1	128.8	135.6	142.3	147.4	152.0	156.6
55°	91.3	102.4	112.7	121.9	130.2	137.5	144.4	150.0	155.2	159.4	163.9
52.5°	99.2	110.8	120.9	130.2	138.2	145.5	151.6	157.1	161.9	166.3	169.9
50°	106.9	118.2	128.8	137.5	145.5	152.3	158.1	163.4	168.0	172.0	175.3
47.5°	113.7	125.4	135.4	144.4	152.0	158.4	164.0	169.0	173.6	177.1	180.5
45°	120.1	131.6	141.7	150.3	157.8	163.8	169.2	174.4	178.2	181.8	184.3
42.5°	126.2	137.4	147.3	156.1	162.7	168.5	174.0	178.5	182.5	185.5	188.3
40°	131.4	142.9	152.4	160.4	167.2	172.7	177.8	182.3	186.2	189.2	192.1
37.5°	136.3	147.4	157.0	164.5	170.8	176.3	181.3	185.6	189.4	192.6	196.5
35°	141.0	151.7	160.6	167.9	174.0	179.5	184.3	188.6	192.3	196.7	201.3
32.5°	145.0	155.8	164.0	170.7	176.7	182.3	187.1	191.4	195.8	200.7	206.5
30°	148.4	158.8	167.0	173.2	179.2	184.5	189.6	194.3	199.1	205.0	212.5
27.5°	151.5	161.5	169.1	175.4	181.5	186.4	191.7	197.0	202.7	209.6	219.0
25°	154.4	164.0	171.0	177.4	183.0	188.1	193.7	199.1	206.2	215.3	227.6
22.5°	156.8	166.3	172.6	179.2	184.3	189.8	195.4	201.5	209.5	220.5	236.6
20°	158.7	167.7	174.0	180.5	185.4	191.2	196.9	203.6	213.1	227.5	246.1
17.5°	160.4	168.9	175.2	181.3	186.5	192.4	198.3	205.3	216.1	234.0	254.9
15°	161.9	169.9	176.2	181.9	187.4	193.3	199.5	207.5	220.1	240.3	262.8
12.5°	163.2	170.6	176.9	182.4	188.1	193.9	200.5	209.4	224.3	246.2	270.7
10°	164.3	171.2	177.4	182.8	188.6	194.2	201.3	210.7	227.4	249.5	275.3
7.5°	164.9	171.7	177.7	182.9	188.9	194.3	201.9	211.3	229.2	251.3	277.8
5°	165.3	172.1	178.2	183.3	189.3	194.6	202.4	211.4	230.0	251.6	278.7
2.5°	165.4	172.3	178.4	183.5	189.6	195.3	203.4	212.5	230.7	252.8	279.4
0°	165.3	172.4	178.5	183.6	189.7	195.9	204.0	213.2	230.5	254.0	279.5
-2.5°	165.4	172.3	178.4	183.5	189.6	195.3	203.4	212.5	230.7	252.8	279.4
-5°	165.3	172.1	178.2	183.3	189.3	194.6	202.4	211.4	230.0	251.6	278.7
-7.5°	164.9	171.7	177.7	182.9	188.9	194.3	201.9	211.3	229.2	251.3	277.8
-10°	164.3	171.2	177.4	182.8	188.6	194.2	201.3	210.7	227.4	249.5	275.3
-12.5°	163.2	170.6	176.9	182.4	188.1	193.9	200.5	209.4	224.3	246.2	270.7
-15°	161.9	169.9	176.2	181.9	187.4	193.3	199.5	207.5	220.1	240.3	262.8
-17.5°	160.4	168.9	175.2	181.3	186.5	192.4	198.3	205.3	216.1	234.0	254.9
-20°	158.7	167.7	174.0	180.5	185.4	191.2	196.9	203.6	213.1	227.5	246.1



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	156.8	166.3	172.6	179.2	184.3	189.8	195.4	201.5	209.5	220.5	236.6
-25°	154.4	164.0	171.0	177.4	183.0	188.1	193.7	199.1	206.2	215.3	227.6
-27.5°	151.5	161.5	169.1	175.4	181.5	186.4	191.7	197.0	202.7	209.6	219.0
-30°	148.4	158.8	167.0	173.2	179.2	184.5	189.6	194.3	199.1	205.0	212.5
-32.5°	145.0	155.8	164.0	170.7	176.7	182.3	187.1	191.4	195.8	200.7	206.5
-35°	141.0	151.7	160.6	167.9	174.0	179.5	184.3	188.6	192.3	196.7	201.3
-37.5°	136.3	147.4	157.0	164.5	170.8	176.3	181.3	185.6	189.4	192.6	196.5
-40°	131.4	142.9	152.4	160.4	167.2	172.7	177.8	182.3	186.2	189.2	192.1
-42.5°	126.2	137.4	147.3	156.1	162.7	168.5	174.0	178.5	182.5	185.5	188.3
-45°	120.1	131.6	141.7	150.3	157.8	163.8	169.2	174.4	178.2	181.8	184.3
-47.5°	113.7	125.4	135.4	144.4	152.0	158.4	164.0	169.0	173.6	177.1	180.5
-50°	106.9	118.2	128.8	137.5	145.5	152.3	158.1	163.4	168.0	172.0	175.3
-52.5°	99.2	110.8	120.9	130.2	138.2	145.5	151.6	157.1	161.9	166.3	169.9
-55°	91.3	102.4	112.7	121.9	130.2	137.5	144.4	150.0	155.2	159.4	163.9
-57.5°	83.3	93.7	103.6	112.9	121.1	128.8	135.6	142.3	147.4	152.0	156.6
-60°	75.1	84.7	94.0	103.0	111.6	119.0	126.1	132.4	138.3	144.0	148.2
-62.5°	66.8	75.6	84.2	92.4	100.5	108.6	115.6	121.9	127.8	132.9	137.9
-65°	58.7	66.5	74.3	81.9	89.1	96.5	103.7	110.7	116.4	121.2	125.7
-67.5°	50.4	57.4	64.4	71.4	78.0	84.3	90.7	97.1	103.1	108.3	112.8
-70°	42.4	48.2	54.3	60.5	66.5	72.0	77.5	83.0	88.4	93.3	97.7
-72.5°	34.3	39.4	44.5	49.4	54.6	59.5	64.2	68.7	73.0	77.4	81.5
-75°	27.5	30.7	34.9	39.1	43.2	47.1	51.2	55.2	58.6	61.8	65.0
-77.5°	21.8	24.1	26.6	29.3	32.0	35.0	38.1	41.2	44.1	46.6	48.8
-80°	16.2	17.4	18.9	20.7	22.6	24.5	26.2	27.9	29.7	31.7	33.8
-82.5°	11.2	12.2	13.0	13.7	14.5	15.2	15.9	17.1	18.7	20.2	21.5
-85°	6.6	7.1	7.8	8.4	9.0	9.6	10.1	10.5	11.1	11.7	12.3
-87.5°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
-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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	5.8	5.8	5.7	5.6	5.5	5.6	5.7	5.8	5.9	6.0	6.0
85°	13.0	13.5	14.1	14.6	15.2	15.6	15.9	16.3	16.5	16.8	17.0
82.5°	22.8	24.0	25.0	26.0	26.8	27.5	28.2	28.7	29.2	29.6	30.0
80°	35.6	37.4	39.1	40.6	42.0	43.2	44.1	44.9	45.5	46.2	46.8
77.5°	50.9	53.4	55.7	57.9	59.7	61.3	62.7	63.8	64.8	66.1	67.2
75°	68.2	71.2	73.9	76.3	78.6	80.6	82.4	84.0	85.4	86.7	87.8
72.5°	85.5	89.0	92.2	94.8	97.2	99.6	101.8	103.9	105.9	107.4	108.4
70°	101.7	105.4	108.8	111.8	114.6	117.5	120.5	123.2	125.7	127.3	128.2
67.5°	116.7	120.4	124.2	128.0	131.3	134.4	137.3	140.0	142.4	144.1	145.1
65°	130.1	134.3	138.4	142.2	145.8	148.4	151.0	153.6	156.0	157.9	159.3
62.5°	142.8	146.9	150.3	153.5	156.6	159.1	161.8	164.1	166.2	168.0	169.7
60°	152.4	156.6	159.9	162.9	165.7	168.3	170.4	172.2	173.6	174.7	175.8
57.5°	160.7	164.6	168.0	170.5	173.0	175.5	177.3	178.4	179.2	179.8	180.3
55°	167.8	171.0	173.8	176.5	179.0	181.2	182.7	183.5	183.9	184.2	184.4
52.5°	173.5	176.6	179.5	182.1	184.1	185.9	187.4	187.8	188.1	188.2	188.2
50°	178.8	181.8	184.1	186.3	188.3	189.9	191.2	191.8	192.2	192.2	192.1
47.5°	183.0	185.6	188.1	190.4	192.4	194.3	195.8	196.6	197.3	197.5	197.5
45°	186.7	189.7	192.4	195.1	197.4	199.9	201.9	203.3	204.8	205.7	206.2
42.5°	191.1	194.1	197.1	200.7	204.2	207.3	210.8	213.8	217.0	220.3	222.6
40°	195.5	198.8	203.5	207.9	212.8	217.2	224.5	231.8	237.3	242.0	246.3
37.5°	200.6	205.4	211.0	216.6	224.7	233.1	242.2	251.3	259.1	266.2	272.0
35°	206.4	212.9	219.7	229.8	240.1	250.4	261.3	273.3	283.5	291.0	296.3
32.5°	213.6	221.7	232.7	245.6	258.2	271.5	284.7	298.1	308.2	318.6	329.0
30°	221.5	233.3	247.4	263.1	278.8	294.7	311.4	330.0	347.6	366.6	393.8
27.5°	231.7	246.0	262.6	281.1	300.0	319.0	348.1	380.0	427.3	465.1	529.2
25°	242.5	259.2	279.0	300.5	323.6	357.6	410.8	473.7	585.2	671.7	802.9
22.5°	254.5	274.2	296.1	320.7	358.0	422.1	513.2	674.8	899.7	1121.7	1368.7
20°	266.4	288.2	312.1	349.4	412.7	514.2	711.5	1060.8	1451.0	2006.6	2472.9
17.5°	277.7	300.8	331.2	381.6	476.4	680.6	1062.5	1660.9	2475.9	3371.4	4118.2
15°	287.6	311.2	352.1	432.1	592.2	910.1	1486.8	2505.3	3874.5	5100.6	6194.2
12.5°	295.9	324.0	374.8	472.7	692.7	1163.2	2088.4	3534.6	5206.7	6926.2	8310.2
10°	302.0	337.5	405.2	548.0	852.3	1464.5	2589.8	4414.0	6427.3	8517.3	11019.2
7.5°	305.7	347.2	428.2	603.9	994.8	1800.0	3218.7	5199.2	7511.2	10364.2	14186.8
5°	308.3	353.7	445.2	646.0	1089.9	2021.7	3615.8	5794.1	8446.4	12571.7	20438.7
2.5°	309.6	356.6	454.9	669.1	1133.3	2135.6	3895.3	6134.8	9015.5	14129.0	24769.8
0°	309.1	355.0	456.0	674.3	1139.5	2222.9	3941.8	6232.0	9207.7	14268.6	26158.2
-2.5°	309.6	356.6	454.9	669.1	1133.3	2135.6	3895.3	6134.8	9015.5	14129.0	24769.8
-5°	308.3	353.7	445.2	646.0	1089.9	2021.7	3615.8	5794.1	8446.4	12571.7	20438.7
-7.5°	305.7	347.2	428.2	603.9	994.8	1800.0	3218.7	5199.2	7511.2	10364.2	14186.8
-10°	302.0	337.5	405.2	548.0	852.3	1464.5	2589.8	4414.0	6427.3	8517.3	11019.2
-12.5°	295.9	324.0	374.8	472.7	692.7	1163.2	2088.4	3534.6	5206.7	6926.2	8310.2
-15°	287.6	311.2	352.1	432.1	592.2	910.1	1486.8	2505.3	3874.5	5100.6	6194.2
-17.5°	277.7	300.8	331.2	381.6	476.4	680.6	1062.5	1660.9	2475.9	3371.4	4118.2
-20°	266.4	288.2	312.1	349.4	412.7	514.2	711.5	1060.8	1451.0	2006.6	2472.9



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	254.5	274.2	296.1	320.7	358.0	422.1	513.2	674.8	899.7	1121.7	1368.7
-25°	242.5	259.2	279.0	300.5	323.6	357.6	410.8	473.7	585.2	671.7	802.9
-27.5°	231.7	246.0	262.6	281.1	300.0	319.0	348.1	380.0	427.3	465.1	529.2
-30°	221.5	233.3	247.4	263.1	278.8	294.7	311.4	330.0	347.6	366.6	393.8
-32.5°	213.6	221.7	232.7	245.6	258.2	271.5	284.7	298.1	308.2	318.6	329.0
-35°	206.4	212.9	219.7	229.8	240.1	250.4	261.3	273.3	283.5	291.0	296.3
-37.5°	200.6	205.4	211.0	216.6	224.7	233.1	242.2	251.3	259.1	266.2	272.0
-40°	195.5	198.8	203.5	207.9	212.8	217.2	224.5	231.8	237.3	242.0	246.3
-42.5°	191.1	194.1	197.1	200.7	204.2	207.3	210.8	213.8	217.0	220.3	222.6
-45°	186.7	189.7	192.4	195.1	197.4	199.9	201.9	203.3	204.8	205.7	206.2
-47.5°	183.0	185.6	188.1	190.4	192.4	194.3	195.8	196.6	197.3	197.5	197.5
-50°	178.8	181.8	184.1	186.3	188.3	189.9	191.2	191.8	192.2	192.2	192.1
-52.5°	173.5	176.6	179.5	182.1	184.1	185.9	187.4	187.8	188.1	188.2	188.2
-55°	167.8	171.0	173.8	176.5	179.0	181.2	182.7	183.5	183.9	184.2	184.4
-57.5°	160.7	164.6	168.0	170.5	173.0	175.5	177.3	178.4	179.2	179.8	180.3
-60°	152.4	156.6	159.9	162.9	165.7	168.3	170.4	172.2	173.6	174.7	175.8
-62.5°	142.8	146.9	150.3	153.5	156.6	159.1	161.8	164.1	166.2	168.0	169.7
-65°	130.1	134.3	138.4	142.2	145.8	148.4	151.0	153.6	156.0	157.9	159.3
-67.5°	116.7	120.4	124.2	128.0	131.3	134.4	137.3	140.0	142.4	144.1	145.1
-70°	101.7	105.4	108.8	111.8	114.6	117.5	120.5	123.2	125.7	127.3	128.2
-72.5°	85.5	89.0	92.2	94.8	97.2	99.6	101.8	103.9	105.9	107.4	108.4
-75°	68.2	71.2	73.9	76.3	78.6	80.6	82.4	84.0	85.4	86.7	87.8
-77.5°	50.9	53.4	55.7	57.9	59.7	61.3	62.7	63.8	64.8	66.1	67.2
-80°	35.6	37.4	39.1	40.6	42.0	43.2	44.1	44.9	45.5	46.2	46.8
-82.5°	22.8	24.0	25.0	26.0	26.8	27.5	28.2	28.7	29.2	29.6	30.0
-85°	13.0	13.5	14.1	14.6	15.2	15.6	15.9	16.3	16.5	16.8	17.0
-87.5°	5.8	5.8	5.7	5.6	5.5	5.6	5.7	5.8	5.9	6.0	6.0
-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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
85°	17.1	17.2	17.3	17.3	17.3	17.2	17.1	17.0	16.8	16.5	16.3
82.5°	30.3	30.4	30.6	30.6	30.6	30.4	30.3	30.0	29.6	29.2	28.7
80°	47.3	47.6	47.8	47.9	47.8	47.6	47.3	46.8	46.2	45.5	44.9
77.5°	68.2	69.0	69.3	69.4	69.3	69.0	68.2	67.2	66.1	64.8	63.8
75°	88.7	89.3	89.7	89.8	89.7	89.3	88.7	87.8	86.7	85.4	84.0
72.5°	109.2	109.7	110.5	111.2	110.5	109.7	109.2	108.4	107.4	105.9	103.9
70°	128.8	129.0	129.9	130.6	129.9	129.0	128.8	128.2	127.3	125.7	123.2
67.5°	145.8	146.3	146.3	145.9	146.3	146.3	145.8	145.1	144.1	142.4	140.0
65°	160.5	161.5	161.6	161.2	161.6	161.5	160.5	159.3	157.9	156.0	153.6
62.5°	171.3	172.7	173.3	173.4	173.3	172.7	171.3	169.7	168.0	166.2	164.1
60°	176.6	177.2	177.4	177.5	177.4	177.2	176.6	175.8	174.7	173.6	172.2
57.5°	180.5	180.5	180.6	180.6	180.6	180.5	180.5	180.3	179.8	179.2	178.4
55°	184.5	184.5	184.2	183.6	184.2	184.5	184.5	184.4	184.2	183.9	183.5
52.5°	188.1	187.7	187.3	186.7	187.3	187.7	188.1	188.2	188.2	188.1	187.8
50°	191.6	191.0	190.7	190.8	190.7	191.0	191.6	192.1	192.2	192.2	191.8
47.5°	197.3	196.9	196.8	196.9	196.8	196.9	197.3	197.5	197.5	197.3	196.6
45°	206.4	206.1	205.9	206.1	205.9	206.1	206.4	206.2	205.7	204.8	203.3
42.5°	223.9	224.1	224.0	224.4	224.0	224.1	223.9	222.6	220.3	217.0	213.8
40°	248.0	247.9	247.1	246.9	247.1	247.9	248.0	246.3	242.0	237.3	231.8
37.5°	274.3	274.3	273.5	273.4	273.5	274.3	274.3	272.0	266.2	259.1	251.3
35°	299.1	300.0	299.8	298.9	299.8	300.0	299.1	296.3	291.0	283.5	273.3
32.5°	336.4	342.0	345.0	343.8	345.0	342.0	336.4	329.0	318.6	308.2	298.1
30°	410.8	425.5	433.2	436.6	433.2	425.5	410.8	393.8	366.6	347.6	330.0
27.5°	575.1	607.6	622.1	627.4	622.1	607.6	575.1	529.2	465.1	427.3	380.0
25°	917.5	990.8	1026.9	1038.5	1026.9	990.8	917.5	802.9	671.7	585.2	473.7
22.5°	1640.6	1781.7	1878.1	1899.5	1878.1	1781.7	1640.6	1368.7	1121.7	899.7	674.8
20°	2941.6	3214.4	3362.4	3349.1	3362.4	3214.4	2941.6	2472.9	2006.6	1451.0	1060.8
17.5°	4753.0	5102.7	5269.3	5191.5	5269.3	5102.7	4753.0	4118.2	3371.4	2475.9	1660.9
15°	6967.7	7440.3	7646.4	7710.2	7646.4	7440.3	6967.7	6194.2	5100.6	3874.5	2505.3
12.5°	9691.7	11241.0	11981.9	12180.4	11981.9	11241.0	9691.7	8310.2	6926.2	5206.7	3534.6
10°	13578.2	18785.9	21883.4	22639.8	21883.4	18785.9	13578.2	11019.2	8517.3	6427.3	4414.0
7.5°	22174.4	32756.8	44611.5	50225.2	44611.5	32756.8	22174.4	14186.8	10364.2	7511.2	5199.2
5°	33815.8	58690.2	86137.5	96897.3	86137.5	58690.2	33815.8	20438.7	12571.7	8446.4	5794.1
2.5°	47968.1	88617.6	126543.1	140680.9	126543.1	88617.6	47968.1	24769.8	14129.0	9015.5	6134.8
0°	53947.2	102166.3	139423.1	151533.6	139423.1	102166.3	53947.2	26158.2	14268.6	9207.7	6232.0
-2.5°	47968.1	88617.6	126543.1	140680.8	126543.1	88617.6	47968.1	24769.8	14129.0	9015.5	6134.8
-5°	33815.8	58690.2	86137.5	96897.3	86137.5	58690.2	33815.8	20438.7	12571.7	8446.4	5794.1
-7.5°	22174.4	32756.8	44611.5	50225.2	44611.5	32756.8	22174.4	14186.8	10364.2	7511.2	5199.2
-10°	13578.2	18785.9	21883.4	22639.8	21883.4	18785.9	13578.2	11019.2	8517.3	6427.3	4414.0
-12.5°	9691.7	11241.0	11981.9	12180.4	11981.9	11241.0	9691.7	8310.2	6926.2	5206.7	3534.6
-15°	6967.7	7440.3	7646.4	7710.2	7646.4	7440.3	6967.7	6194.2	5100.6	3874.5	2505.3
-17.5°	4753.0	5102.7	5269.3	5191.5	5269.3	5102.7	4753.0	4118.2	3371.4	2475.9	1660.9
-20°	2941.6	3214.4	3362.4	3349.1	3362.4	3214.4	2941.6	2472.9	2006.6	1451.0	1060.8



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	1640.6	1781.7	1878.1	1899.5	1878.1	1781.7	1640.6	1368.7	1121.7	899.7	674.8
-25°	917.5	990.8	1026.9	1038.5	1026.9	990.8	917.5	802.9	671.7	585.2	473.7
-27.5°	575.1	607.6	622.1	627.4	622.1	607.6	575.1	529.2	465.1	427.3	380.0
-30°	410.8	425.5	433.2	436.6	433.2	425.5	410.8	393.8	366.6	347.6	330.0
-32.5°	336.4	342.0	345.0	343.8	345.0	342.0	336.4	329.0	318.6	308.2	298.1
-35°	299.1	300.0	299.8	298.9	299.8	300.0	299.1	296.3	291.0	283.5	273.3
-37.5°	274.3	274.3	273.5	273.4	273.5	274.3	274.3	272.0	266.2	259.1	251.3
-40°	248.0	247.9	247.1	246.9	247.1	247.9	248.0	246.3	242.0	237.3	231.8
-42.5°	223.9	224.1	224.0	224.4	224.0	224.1	223.9	222.6	220.3	217.0	213.8
-45°	206.4	206.1	205.9	206.1	205.9	206.1	206.4	206.2	205.7	204.8	203.3
-47.5°	197.3	196.9	196.8	196.9	196.8	196.9	197.3	197.5	197.5	197.3	196.6
-50°	191.6	191.0	190.7	190.8	190.7	191.0	191.6	192.1	192.2	192.2	191.8
-52.5°	188.1	187.7	187.3	186.7	187.3	187.7	188.1	188.2	188.2	188.1	187.8
-55°	184.5	184.5	184.2	183.6	184.2	184.5	184.5	184.4	184.2	183.9	183.5
-57.5°	180.5	180.5	180.6	180.6	180.6	180.5	180.5	180.3	179.8	179.2	178.4
-60°	176.6	177.2	177.4	177.5	177.4	177.2	176.6	175.8	174.7	173.6	172.2
-62.5°	171.3	172.7	173.3	173.4	173.3	172.7	171.3	169.7	168.0	166.2	164.1
-65°	160.5	161.5	161.6	161.2	161.6	161.5	160.5	159.3	157.9	156.0	153.6
-67.5°	145.8	146.3	146.3	145.9	146.3	146.3	145.8	145.1	144.1	142.4	140.0
-70°	128.8	129.0	129.9	130.6	129.9	129.0	128.8	128.2	127.3	125.7	123.2
-72.5°	109.2	109.7	110.5	111.2	110.5	109.7	109.2	108.4	107.4	105.9	103.9
-75°	88.7	89.3	89.7	89.8	89.7	89.3	88.7	87.8	86.7	85.4	84.0
-77.5°	68.2	69.0	69.3	69.4	69.3	69.0	68.2	67.2	66.1	64.8	63.8
-80°	47.3	47.6	47.8	47.9	47.8	47.6	47.3	46.8	46.2	45.5	44.9
-82.5°	30.3	30.4	30.6	30.6	30.6	30.4	30.3	30.0	29.6	29.2	28.7
-85°	17.1	17.2	17.3	17.3	17.3	17.2	17.1	17.0	16.8	16.5	16.3
-87.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
-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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	5.7	5.6	5.5	5.6	5.7	5.8	5.8	5.6	5.4	5.2	5.0
85°	15.9	15.6	15.2	14.6	14.1	13.5	13.0	12.3	11.7	11.1	10.5
82.5°	28.2	27.5	26.8	26.0	25.0	24.0	22.8	21.5	20.2	18.7	17.1
80°	44.1	43.2	42.0	40.6	39.1	37.4	35.6	33.8	31.7	29.7	27.9
77.5°	62.7	61.3	59.7	57.9	55.7	53.4	50.9	48.8	46.6	44.1	41.2
75°	82.4	80.6	78.6	76.3	73.9	71.2	68.2	65.0	61.8	58.6	55.2
72.5°	101.8	99.6	97.2	94.8	92.2	89.0	85.5	81.5	77.4	73.0	68.7
70°	120.5	117.5	114.6	111.8	108.8	105.4	101.7	97.7	93.3	88.4	83.0
67.5°	137.3	134.4	131.3	128.0	124.2	120.4	116.7	112.8	108.3	103.1	97.1
65°	151.0	148.4	145.8	142.2	138.4	134.3	130.1	125.7	121.2	116.4	110.7
62.5°	161.8	159.1	156.6	153.5	150.3	146.9	142.8	137.9	132.9	127.8	121.9
60°	170.4	168.3	165.7	162.9	159.9	156.6	152.4	148.2	144.0	138.3	132.4
57.5°	177.3	175.5	173.0	170.5	168.0	164.6	160.7	156.6	152.0	147.4	142.3
55°	182.7	181.2	179.0	176.5	173.8	171.0	167.8	163.9	159.4	155.2	150.0
52.5°	187.4	185.9	184.1	182.1	179.5	176.6	173.5	169.9	166.3	161.9	157.1
50°	191.2	189.9	188.3	186.3	184.1	181.8	178.8	175.3	172.0	168.0	163.4
47.5°	195.8	194.3	192.4	190.4	188.1	185.6	183.0	180.5	177.1	173.6	169.0
45°	201.9	199.9	197.4	195.1	192.4	189.7	186.7	184.3	181.8	178.2	174.4
42.5°	210.8	207.3	204.2	200.7	197.1	194.1	191.1	188.3	185.5	182.5	178.5
40°	224.5	217.2	212.8	207.9	203.5	198.8	195.5	192.1	189.2	186.2	182.3
37.5°	242.2	233.1	224.7	216.6	211.0	205.4	200.6	196.5	192.6	189.4	185.6
35°	261.3	250.4	240.1	229.8	219.7	212.9	206.4	201.3	196.7	192.3	188.6
32.5°	284.7	271.5	258.2	245.6	232.7	221.7	213.6	206.5	200.7	195.8	191.4
30°	311.4	294.7	278.8	263.1	247.4	233.3	221.5	212.5	205.0	199.1	194.3
27.5°	348.1	319.0	300.0	281.1	262.6	246.0	231.7	219.0	209.6	202.7	197.0
25°	410.8	357.6	323.6	300.5	279.0	259.2	242.5	227.6	215.3	206.2	199.1
22.5°	513.2	422.1	358.0	320.7	296.1	274.2	254.5	236.6	220.5	209.5	201.5
20°	711.5	514.2	412.7	349.4	312.1	288.2	266.4	246.1	227.5	213.1	203.6
17.5°	1062.5	680.6	476.4	381.6	331.2	300.8	277.7	254.9	234.0	216.1	205.3
15°	1486.8	910.1	592.2	432.1	352.1	311.2	287.6	262.8	240.3	220.1	207.5
12.5°	2088.4	1163.2	692.7	472.7	374.8	324.0	295.9	270.7	246.2	224.3	209.4
10°	2589.8	1464.5	852.3	548.0	405.2	337.5	302.0	275.3	249.5	227.4	210.7
7.5°	3218.7	1800.0	994.8	603.9	428.2	347.2	305.7	277.8	251.3	229.2	211.3
5°	3615.8	2021.7	1089.9	646.0	445.2	353.7	308.3	278.7	251.6	230.0	211.4
2.5°	3895.3	2135.6	1133.3	669.1	454.9	356.6	309.6	279.4	252.8	230.7	212.5
0°	3941.8	2222.9	1139.5	674.3	456.0	355.0	309.1	279.5	254.0	230.5	213.2
-2.5°	3895.3	2135.6	1133.3	669.1	454.9	356.6	309.6	279.4	252.8	230.7	212.5
-5°	3615.8	2021.7	1089.9	646.0	445.2	353.7	308.3	278.7	251.6	230.0	211.4
-7.5°	3218.7	1800.0	994.8	603.9	428.2	347.2	305.7	277.8	251.3	229.2	211.3
-10°	2589.8	1464.5	852.3	548.0	405.2	337.5	302.0	275.3	249.5	227.4	210.7
-12.5°	2088.4	1163.2	692.7	472.7	374.8	324.0	295.9	270.7	246.2	224.3	209.4
-15°	1486.8	910.1	592.2	432.1	352.1	311.2	287.6	262.8	240.3	220.1	207.5
-17.5°	1062.5	680.6	476.4	381.6	331.2	300.8	277.7	254.9	234.0	216.1	205.3
-20°	711.5	514.2	412.7	349.4	312.1	288.2	266.4	246.1	227.5	213.1	203.6



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	513.2	422.1	358.0	320.7	296.1	274.2	254.5	236.6	220.5	209.5	201.5
-25°	410.8	357.6	323.6	300.5	279.0	259.2	242.5	227.6	215.3	206.2	199.1
-27.5°	348.1	319.0	300.0	281.1	262.6	246.0	231.7	219.0	209.6	202.7	197.0
-30°	311.4	294.7	278.8	263.1	247.4	233.3	221.5	212.5	205.0	199.1	194.3
-32.5°	284.7	271.5	258.2	245.6	232.7	221.7	213.6	206.5	200.7	195.8	191.4
-35°	261.3	250.4	240.1	229.8	219.7	212.9	206.4	201.3	196.7	192.3	188.6
-37.5°	242.2	233.1	224.7	216.6	211.0	205.4	200.6	196.5	192.6	189.4	185.6
-40°	224.5	217.2	212.8	207.9	203.5	198.8	195.5	192.1	189.2	186.2	182.3
-42.5°	210.8	207.3	204.2	200.7	197.1	194.1	191.1	188.3	185.5	182.5	178.5
-45°	201.9	199.9	197.4	195.1	192.4	189.7	186.7	184.3	181.8	178.2	174.4
-47.5°	195.8	194.3	192.4	190.4	188.1	185.6	183.0	180.5	177.1	173.6	169.0
-50°	191.2	189.9	188.3	186.3	184.1	181.8	178.8	175.3	172.0	168.0	163.4
-52.5°	187.4	185.9	184.1	182.1	179.5	176.6	173.5	169.9	166.3	161.9	157.1
-55°	182.7	181.2	179.0	176.5	173.8	171.0	167.8	163.9	159.4	155.2	150.0
-57.5°	177.3	175.5	173.0	170.5	168.0	164.6	160.7	156.6	152.0	147.4	142.3
-60°	170.4	168.3	165.7	162.9	159.9	156.6	152.4	148.2	144.0	138.3	132.4
-62.5°	161.8	159.1	156.6	153.5	150.3	146.9	142.8	137.9	132.9	127.8	121.9
-65°	151.0	148.4	145.8	142.2	138.4	134.3	130.1	125.7	121.2	116.4	110.7
-67.5°	137.3	134.4	131.3	128.0	124.2	120.4	116.7	112.8	108.3	103.1	97.1
-70°	120.5	117.5	114.6	111.8	108.8	105.4	101.7	97.7	93.3	88.4	83.0
-72.5°	101.8	99.6	97.2	94.8	92.2	89.0	85.5	81.5	77.4	73.0	68.7
-75°	82.4	80.6	78.6	76.3	73.9	71.2	68.2	65.0	61.8	58.6	55.2
-77.5°	62.7	61.3	59.7	57.9	55.7	53.4	50.9	48.8	46.6	44.1	41.2
-80°	44.1	43.2	42.0	40.6	39.1	37.4	35.6	33.8	31.7	29.7	27.9
-82.5°	28.2	27.5	26.8	26.0	25.0	24.0	22.8	21.5	20.2	18.7	17.1
-85°	15.9	15.6	15.2	14.6	14.1	13.5	13.0	12.3	11.7	11.1	10.5
-87.5°	5.7	5.6	5.5	5.6	5.7	5.8	5.8	5.6	5.4	5.2	5.0
-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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
85°	10.1	9.6	9.0	8.4	7.8	7.1	6.6	6.0	5.4	4.9	4.3
82.5°	15.9	15.2	14.5	13.7	13.0	12.2	11.2	10.1	8.7	7.4	6.4
80°	26.2	24.5	22.6	20.7	18.9	17.4	16.2	14.8	12.9	11.0	9.2
77.5°	38.1	35.0	32.0	29.3	26.6	24.1	21.8	19.6	17.0	14.6	12.2
75°	51.2	47.1	43.2	39.1	34.9	30.7	27.5	24.6	21.5	18.2	15.3
72.5°	64.2	59.5	54.6	49.4	44.5	39.4	34.3	29.6	26.1	22.4	18.5
70°	77.5	72.0	66.5	60.5	54.3	48.2	42.4	36.5	30.7	26.6	22.2
67.5°	90.7	84.3	78.0	71.4	64.4	57.4	50.4	43.6	37.1	30.7	25.9
65°	103.7	96.5	89.1	81.9	74.3	66.5	58.7	50.8	43.2	36.1	29.6
62.5°	115.6	108.6	100.5	92.4	84.2	75.6	66.8	58.2	49.4	41.3	33.8
60°	126.1	119.0	111.6	103.0	94.0	84.7	75.1	65.4	55.9	46.4	38.1
57.5°	135.6	128.8	121.1	112.9	103.6	93.7	83.3	72.7	62.2	51.9	42.3
55°	144.4	137.5	130.2	121.9	112.7	102.4	91.3	80.0	68.5	57.4	46.5
52.5°	151.6	145.5	138.2	130.2	120.9	110.8	99.2	87.1	74.9	62.8	51.1
50°	158.1	152.3	145.5	137.5	128.8	118.2	106.9	94.1	81.0	68.0	55.7
47.5°	164.0	158.4	152.0	144.4	135.4	125.4	113.7	100.9	87.0	73.3	60.1
45°	169.2	163.8	157.8	150.3	141.7	131.6	120.1	107.5	92.9	78.4	64.3
42.5°	174.0	168.5	162.7	156.1	147.3	137.4	126.2	113.2	98.7	83.4	68.5
40°	177.8	172.7	167.2	160.4	152.4	142.9	131.4	118.5	104.2	88.1	72.6
37.5°	181.3	176.3	170.8	164.5	157.0	147.4	136.3	123.6	109.2	92.7	76.5
35°	184.3	179.5	174.0	167.9	160.6	151.7	141.0	128.2	113.4	97.1	80.2
32.5°	187.1	182.3	176.7	170.7	164.0	155.8	145.0	132.1	117.4	101.1	83.6
30°	189.6	184.5	179.2	173.2	167.0	158.8	148.4	135.7	121.1	104.9	86.9
27.5°	191.7	186.4	181.5	175.4	169.1	161.5	151.5	139.1	124.5	108.2	89.9
25°	193.7	188.1	183.0	177.4	171.0	164.0	154.4	142.1	127.4	111.0	92.7
22.5°	195.4	189.8	184.3	179.2	172.6	166.3	156.8	144.5	129.9	113.5	95.2
20°	196.9	191.2	185.4	180.5	174.0	167.7	158.7	146.6	132.1	115.7	97.4
17.5°	198.3	192.4	186.5	181.3	175.2	168.9	160.4	148.5	134.1	117.7	99.4
15°	199.5	193.3	187.4	181.9	176.2	169.9	161.9	150.2	135.8	119.4	101.0
12.5°	200.5	193.9	188.1	182.4	176.9	170.6	163.2	151.6	137.2	120.8	102.4
10°	201.3	194.2	188.6	182.8	177.4	171.2	164.3	152.7	138.3	121.9	103.5
7.5°	201.9	194.3	188.9	182.9	177.7	171.7	164.9	153.5	139.1	122.7	104.3
5°	202.4	194.6	189.3	183.3	178.2	172.1	165.3	153.9	139.6	123.2	104.9
2.5°	203.4	195.3	189.6	183.5	178.4	172.3	165.4	154.1	139.9	123.5	105.1
0°	204.0	195.9	189.7	183.6	178.5	172.4	165.3	154.0	139.8	123.4	105.1
-2.5°	203.4	195.3	189.6	183.5	178.4	172.3	165.4	154.1	139.9	123.5	105.1
-5°	202.4	194.6	189.3	183.3	178.2	172.1	165.3	153.9	139.6	123.2	104.9
-7.5°	201.9	194.3	188.9	182.9	177.7	171.7	164.9	153.5	139.1	122.7	104.3
-10°	201.3	194.2	188.6	182.8	177.4	171.2	164.3	152.7	138.3	121.9	103.5
-12.5°	200.5	193.9	188.1	182.4	176.9	170.6	163.2	151.6	137.2	120.8	102.4
-15°	199.5	193.3	187.4	181.9	176.2	169.9	161.9	150.2	135.8	119.4	101.0
-17.5°	198.3	192.4	186.5	181.3	175.2	168.9	160.4	148.5	134.1	117.7	99.4
-20°	196.9	191.2	185.4	180.5	174.0	167.7	158.7	146.6	132.1	115.7	97.4



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	195.4	189.8	184.3	179.2	172.6	166.3	156.8	144.5	129.9	113.5	95.2
-25°	193.7	188.1	183.0	177.4	171.0	164.0	154.4	142.1	127.4	111.0	92.7
-27.5°	191.7	186.4	181.5	175.4	169.1	161.5	151.5	139.1	124.5	108.2	89.9
-30°	189.6	184.5	179.2	173.2	167.0	158.8	148.4	135.7	121.1	104.9	86.9
-32.5°	187.1	182.3	176.7	170.7	164.0	155.8	145.0	132.1	117.4	101.1	83.6
-35°	184.3	179.5	174.0	167.9	160.6	151.7	141.0	128.2	113.4	97.1	80.2
-37.5°	181.3	176.3	170.8	164.5	157.0	147.4	136.3	123.6	109.2	92.7	76.5
-40°	177.8	172.7	167.2	160.4	152.4	142.9	131.4	118.5	104.2	88.1	72.6
-42.5°	174.0	168.5	162.7	156.1	147.3	137.4	126.2	113.2	98.7	83.4	68.5
-45°	169.2	163.8	157.8	150.3	141.7	131.6	120.1	107.5	92.9	78.4	64.3
-47.5°	164.0	158.4	152.0	144.4	135.4	125.4	113.7	100.9	87.0	73.3	60.1
-50°	158.1	152.3	145.5	137.5	128.8	118.2	106.9	94.1	81.0	68.0	55.7
-52.5°	151.6	145.5	138.2	130.2	120.9	110.8	99.2	87.1	74.9	62.8	51.1
-55°	144.4	137.5	130.2	121.9	112.7	102.4	91.3	80.0	68.5	57.4	46.5
-57.5°	135.6	128.8	121.1	112.9	103.6	93.7	83.3	72.7	62.2	51.9	42.3
-60°	126.1	119.0	111.6	103.0	94.0	84.7	75.1	65.4	55.9	46.4	38.1
-62.5°	115.6	108.6	100.5	92.4	84.2	75.6	66.8	58.2	49.4	41.3	33.8
-65°	103.7	96.5	89.1	81.9	74.3	66.5	58.7	50.8	43.2	36.1	29.6
-67.5°	90.7	84.3	78.0	71.4	64.4	57.4	50.4	43.6	37.1	30.7	25.9
-70°	77.5	72.0	66.5	60.5	54.3	48.2	42.4	36.5	30.7	26.6	22.2
-72.5°	64.2	59.5	54.6	49.4	44.5	39.4	34.3	29.6	26.1	22.4	18.5
-75°	51.2	47.1	43.2	39.1	34.9	30.7	27.5	24.6	21.5	18.2	15.3
-77.5°	38.1	35.0	32.0	29.3	26.6	24.1	21.8	19.6	17.0	14.6	12.2
-80°	26.2	24.5	22.6	20.7	18.9	17.4	16.2	14.8	12.9	11.0	9.2
-82.5°	15.9	15.2	14.5	13.7	13.0	12.2	11.2	10.1	8.7	7.4	6.4
-85°	10.1	9.6	9.0	8.4	7.8	7.1	6.6	6.0	5.4	4.9	4.3
-87.5°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
-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: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	1.8	1.6	1.3	1.0	0.7	0.4	0.0
85°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
82.5°	5.5	4.8	4.0	3.1	2.1	1.1	0.0
80°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
77.5°	10.0	8.2	6.6	5.1	3.5	1.8	0.0
75°	12.6	10.3	8.0	6.2	4.2	2.1	0.0
72.5°	15.2	12.5	9.7	7.2	4.9	2.5	0.0
70°	17.8	14.6	11.4	8.2	5.6	2.8	0.0
67.5°	21.0	16.7	13.1	9.5	6.3	3.1	0.0
65°	24.2	19.0	14.7	10.7	6.9	3.5	0.0
62.5°	27.3	21.5	16.3	11.9	7.6	3.8	0.0
60°	30.3	24.0	17.9	13.1	8.2	4.1	0.0
57.5°	33.8	26.4	19.8	14.3	9.0	4.4	0.0
55°	37.4	28.7	21.6	15.4	9.7	4.7	0.0
52.5°	40.8	31.1	23.4	16.5	10.4	5.0	0.0
50°	44.1	33.8	25.1	17.6	11.1	5.3	0.0
47.5°	47.4	36.5	26.8	18.6	11.8	5.5	0.0
45°	51.0	39.1	28.4	19.8	12.4	5.8	0.0
42.5°	54.5	41.6	29.9	20.9	13.0	6.0	0.0
40°	57.7	43.9	31.5	22.0	13.6	6.3	0.0
37.5°	60.8	46.2	33.3	23.0	14.2	6.5	0.0
35°	63.7	48.5	35.0	23.9	14.7	6.7	0.0
32.5°	66.5	50.7	36.6	24.7	15.2	6.9	0.0
30°	69.3	52.9	38.1	25.5	15.7	7.1	0.0
27.5°	71.8	54.8	39.4	26.2	16.1	7.3	0.0
25°	74.1	56.6	40.7	26.9	16.5	7.4	0.0
22.5°	76.3	58.2	41.8	27.5	16.8	7.6	0.0
20°	78.2	59.7	42.9	28.0	17.2	7.7	0.0
17.5°	79.9	61.0	43.8	28.4	17.5	7.8	0.0
15°	81.4	62.1	44.6	28.8	17.7	7.9	0.0
12.5°	82.7	63.1	45.3	29.1	17.9	8.0	0.0
10°	83.8	63.9	45.9	29.3	18.1	8.1	0.0
7.5°	84.6	64.5	46.3	29.5	18.2	8.1	0.0
5°	85.2	64.9	46.6	29.6	18.3	8.2	0.0
2.5°	85.6	65.2	46.8	29.6	18.4	8.2	0.0
0°	85.7	65.3	46.9	29.6	18.4	8.2	0.0
-2.5°	85.6	65.2	46.8	29.6	18.4	8.2	0.0
-5°	85.2	64.9	46.6	29.6	18.3	8.2	0.0
-7.5°	84.6	64.5	46.3	29.5	18.2	8.1	0.0
-10°	83.8	63.9	45.9	29.3	18.1	8.1	0.0
-12.5°	82.7	63.1	45.3	29.1	17.9	8.0	0.0
-15°	81.4	62.1	44.6	28.8	17.7	7.9	0.0
-17.5°	79.9	61.0	43.8	28.4	17.5	7.8	0.0
-20°	78.2	59.7	42.9	28.0	17.2	7.7	0.0



REPORT NUMBER: P558720 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.3	58.2	41.8	27.5	16.8	7.6	0.0
-25°	74.1	56.6	40.7	26.9	16.5	7.4	0.0
-27.5°	71.8	54.8	39.4	26.2	16.1	7.3	0.0
-30°	69.3	52.9	38.1	25.5	15.7	7.1	0.0
-32.5°	66.5	50.7	36.6	24.7	15.2	6.9	0.0
-35°	63.7	48.5	35.0	23.9	14.7	6.7	0.0
-37.5°	60.8	46.2	33.3	23.0	14.2	6.5	0.0
-40°	57.7	43.9	31.5	22.0	13.6	6.3	0.0
-42.5°	54.5	41.6	29.9	20.9	13.0	6.0	0.0
-45°	51.0	39.1	28.4	19.8	12.4	5.8	0.0
-47.5°	47.4	36.5	26.8	18.6	11.8	5.5	0.0
-50°	44.1	33.8	25.1	17.6	11.1	5.3	0.0
-52.5°	40.8	31.1	23.4	16.5	10.4	5.0	0.0
-55°	37.4	28.7	21.6	15.4	9.7	4.7	0.0
-57.5°	33.8	26.4	19.8	14.3	9.0	4.4	0.0
-60°	30.3	24.0	17.9	13.1	8.2	4.1	0.0
-62.5°	27.3	21.5	16.3	11.9	7.6	3.8	0.0
-65°	24.2	19.0	14.7	10.7	6.9	3.5	0.0
-67.5°	21.0	16.7	13.1	9.5	6.3	3.1	0.0
-70°	17.8	14.6	11.4	8.2	5.6	2.8	0.0
-72.5°	15.2	12.5	9.7	7.2	4.9	2.5	0.0
-75°	12.6	10.3	8.0	6.2	4.2	2.1	0.0
-77.5°	10.0	8.2	6.6	5.1	3.5	1.8	0.0
-80°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
-82.5°	5.5	4.8	4.0	3.1	2.1	1.1	0.0
-85°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
-87.5°	1.8	1.6	1.3	1.0	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)