

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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-927-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2D-927-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

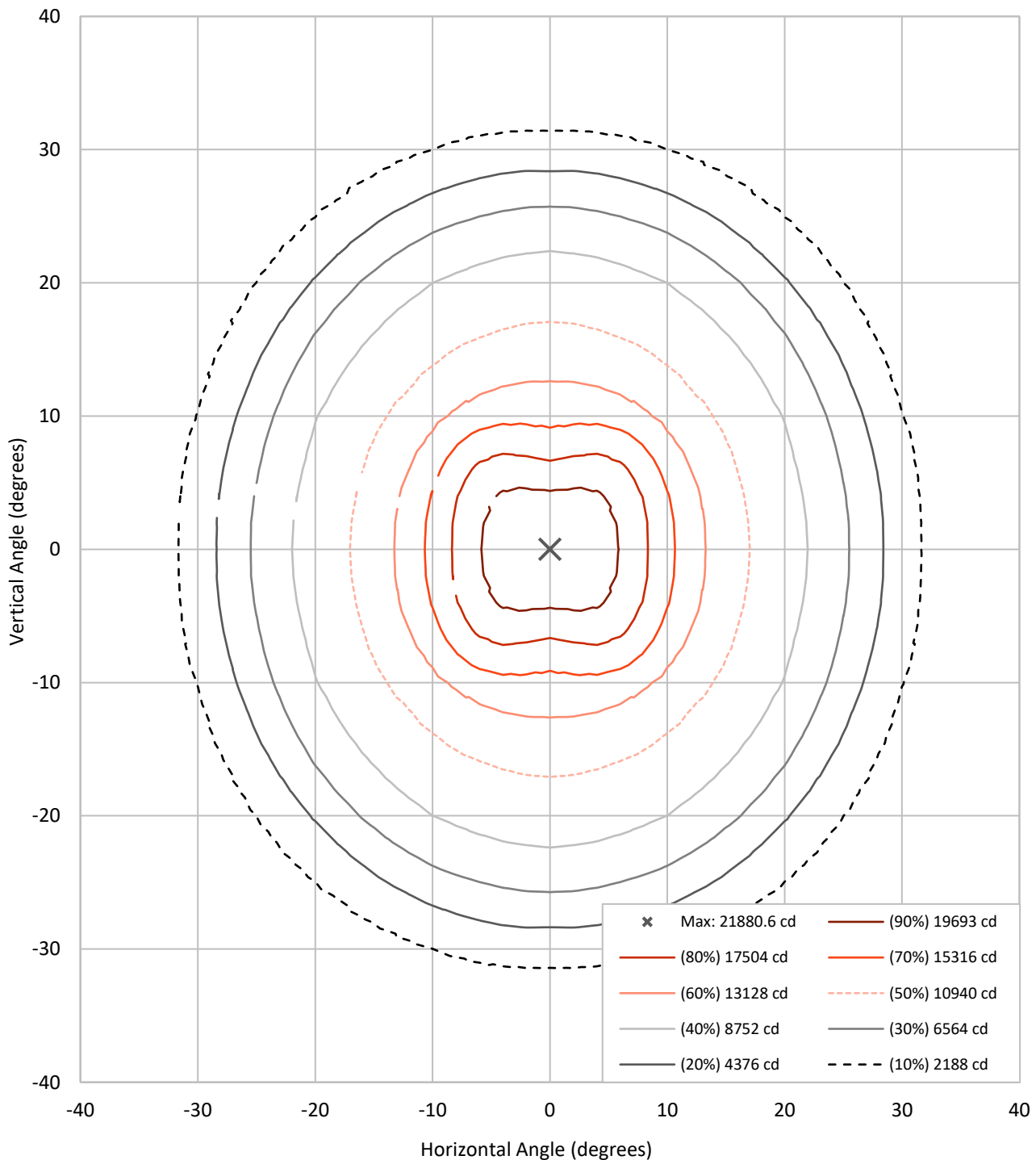
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9679.4 lumens	Max Intensity:	21880.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4122.8 lumens	Field Lumens:	8426.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 110  
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





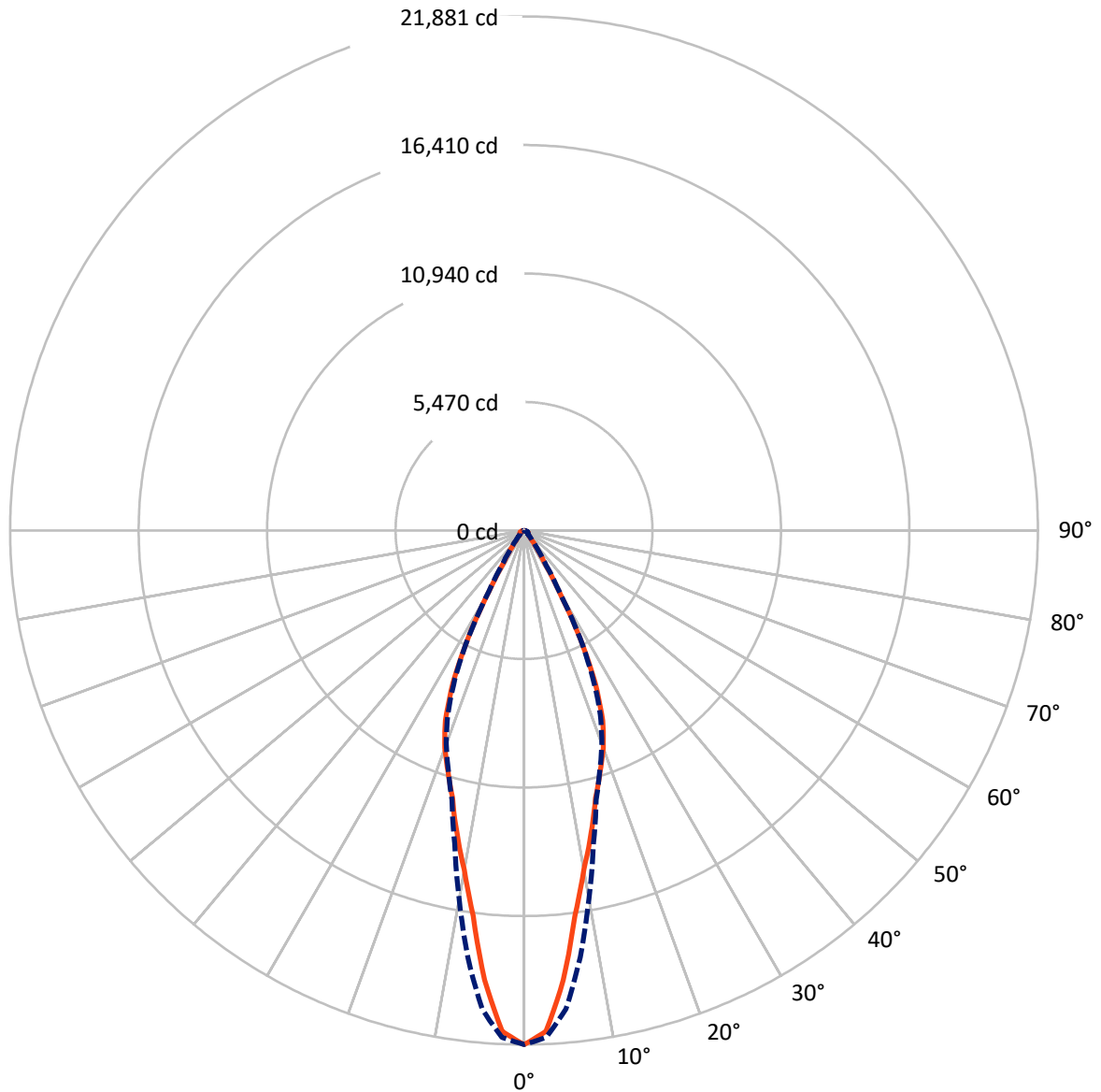
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### Lumen Table

90	0.1	1.1		3.0		4.9		5.8		4.9		3.0		1.1		0.1			
80	0.1	1.1		3.0		4.9		5.8		4.9		3.0		1.1		0.1			
70	0.5	0.6	1.2	2.1	3.1	4.0	4.7	5.1	5.1	4.7	4.0	3.1	2.1	1.2	0.6	0.5			
60		0.9	2.0	3.4	4.7	5.3	5.6	5.7	5.7	5.6	5.3	4.7	3.4	2.0	0.9				
50	0.9	1.3	2.7	4.1	4.8	6.0	7.7	8.8	8.8	7.7	6.0	4.8	4.1	2.7	1.3	0.9			
40		1.6	3.2	4.2	6.3	12.3	23.5	35.8	35.8	23.5	12.3	6.3	4.2	3.2	1.6				
30	1.3	1.9	3.3	4.6	11.3	37.7	118.4	195.0	195.0	118.4	37.7	11.3	4.6	3.3	1.9	1.3			
20		2.0	3.3	5.7	21.2	111.6	263.8	349.4	349.4	263.8	111.6	21.2	5.7	3.3	2.0				
10	1.4	2.1	3.3	6.6	32.2	175.9	343.1	541.4	541.4	343.1	175.9	32.2	6.6	3.3	2.1	1.4			
0		2.1	3.3	6.6	32.2	175.9	343.1	541.4	541.4	343.1	175.9	32.2	6.6	3.3	2.1				
-10	1.3	2.0	3.3	5.7	21.2	111.6	263.8	349.4	349.4	263.8	111.6	21.2	5.7	3.3	2.0	1.3			
-20		1.9	3.3	4.6	11.3	37.7	118.4	195.0	195.0	118.4	37.7	11.3	4.6	3.3	1.9				
-30	0.9	1.6	3.2	4.2	6.3	12.3	23.5	35.8	35.8	23.5	12.3	6.3	4.2	3.2	1.6	0.9			
-40		1.3	2.7	4.1	4.8	6.0	7.7	8.8	8.8	7.7	6.0	4.8	4.1	2.7	1.3				
-50	0.5	0.9	2.0	3.4	4.7	5.3	5.6	5.7	5.7	5.6	5.3	4.7	3.4	2.0	0.9	0.5			
-60		0.6	1.2	2.1	3.1	4.0	4.7	5.1	5.1	4.7	4.0	3.1	2.1	1.2	0.6				
-70	0.1	1.1		3.0		4.9		5.8		4.9		3.0		1.1		0.1			
-80		1.1		3.0		4.9		5.8		4.9		3.0		1.1					
-90	0.1	1.1		3.0		4.9		5.8		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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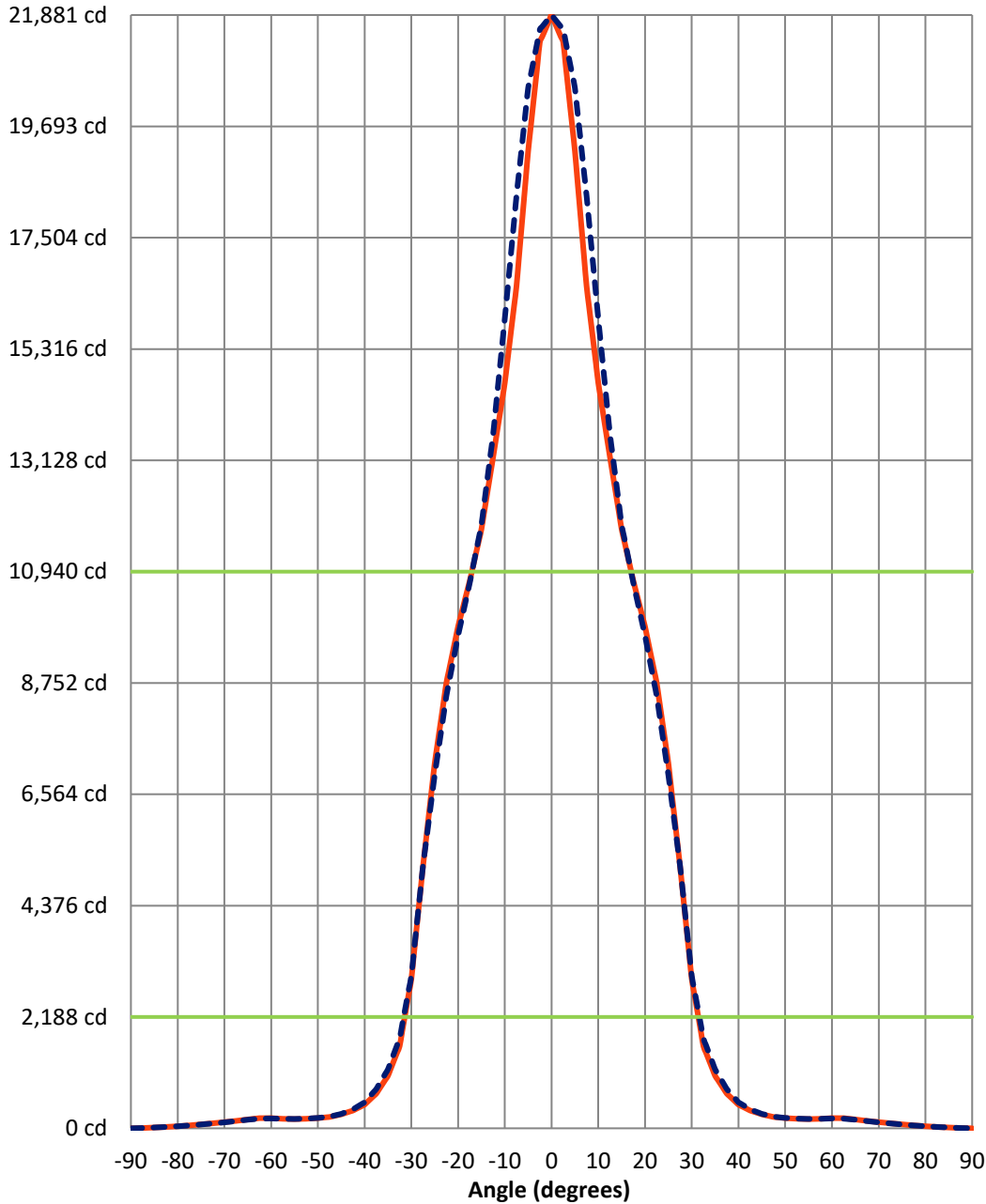
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 34°  
V Angle: 34.1°  
Lumens: 4122.8  
Efficiency: 42.6%

**Field:**  
H Angle: 63.3°  
V Angle: 62.8°  
Lumens: 8426.2  
Efficiency: 87.1%

**Spill:**  
Lumens: 1253.2  
Efficiency: 12.9%

— 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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.8	7.0	8.1
80°	0.0	1.0	1.9	2.9	3.9	4.8	5.9	7.6	9.1	10.6	12.0
77.5°	0.0	1.2	2.4	3.6	4.8	6.3	8.5	10.5	12.4	14.2	16.0
75°	0.0	1.4	2.9	4.3	5.9	8.4	11.0	13.5	15.7	18.1	20.6
72.5°	0.0	1.7	3.4	5.0	7.5	10.5	13.6	16.4	19.2	22.1	25.1
70°	0.0	1.9	3.8	5.8	9.1	12.5	16.0	19.4	22.7	26.1	30.5
67.5°	0.0	2.1	4.3	7.0	10.7	14.5	18.5	22.3	26.1	31.1	36.0
65°	0.0	2.4	4.7	8.1	12.2	16.6	21.0	25.2	30.5	36.0	41.9
62.5°	0.0	2.6	5.2	9.2	13.7	18.7	23.5	28.7	34.8	41.2	48.7
60°	0.0	2.8	5.6	10.3	15.2	20.7	25.9	32.4	39.0	47.2	55.4
57.5°	0.0	3.0	6.3	11.3	16.8	22.8	28.9	36.0	44.0	53.0	62.2
55°	0.0	3.2	7.0	12.3	18.5	24.8	32.0	39.6	49.1	58.8	69.0
52.5°	0.0	3.4	7.7	13.3	20.1	26.8	35.0	43.8	54.1	64.6	75.5
50°	0.0	3.6	8.3	14.3	21.6	29.2	37.9	48.0	58.9	70.1	82.3
47.5°	0.0	3.8	8.9	15.2	23.2	31.6	40.7	52.0	63.6	75.4	89.0
45°	0.0	4.0	9.6	16.3	24.6	33.8	44.0	55.7	68.1	81.3	95.6
42.5°	0.0	4.1	10.1	17.4	26.1	35.9	47.0	59.5	72.4	87.1	102.3
40°	0.0	4.3	10.7	18.5	27.6	38.0	49.9	63.1	76.8	92.6	108.9
37.5°	0.0	4.4	11.3	19.4	29.1	39.9	52.7	66.5	81.5	98.0	115.1
35°	0.0	4.6	11.8	20.4	30.6	42.0	55.2	69.8	85.9	103.2	121.2
32.5°	0.0	4.7	12.3	21.2	32.0	44.0	57.7	73.0	90.0	108.1	126.9
30°	0.0	4.8	12.7	22.0	33.3	45.8	60.2	76.0	93.8	112.7	132.3
27.5°	0.0	5.0	13.2	22.7	34.4	47.5	62.5	79.1	97.4	117.0	137.3
25°	0.0	5.1	13.6	23.4	35.4	49.1	64.6	81.9	100.9	121.1	141.9
22.5°	0.0	5.2	14.0	23.9	36.3	50.5	66.6	84.5	104.1	124.8	146.5
20°	0.0	5.3	14.3	24.4	37.1	51.6	68.3	86.8	106.9	128.2	150.6
17.5°	0.0	5.3	14.6	24.9	37.8	52.7	69.9	88.8	109.4	131.1	154.2
15°	0.0	5.4	14.9	25.2	38.5	53.6	71.3	90.6	111.6	133.7	157.3
12.5°	0.0	5.5	15.1	25.5	39.0	54.3	72.5	92.1	113.4	135.9	159.9
10°	0.0	5.5	15.3	25.7	39.4	54.9	73.4	93.4	114.8	137.9	162.2
7.5°	0.0	5.6	15.5	25.9	39.7	55.3	74.2	94.3	115.9	139.5	164.6
5°	0.0	5.6	15.6	26.0	39.8	55.6	74.8	95.0	116.6	140.7	166.5
2.5°	0.0	5.6	15.7	26.0	39.9	55.7	75.1	95.5	116.9	141.6	168.0
0°	0.0	5.6	15.8	26.0	39.9	55.7	75.2	95.6	116.9	142.0	168.9
-2.5°	0.0	5.6	15.7	26.0	39.9	55.7	75.1	95.5	116.9	141.6	168.0
-5°	0.0	5.6	15.6	26.0	39.8	55.6	74.8	95.0	116.6	140.7	166.5
-7.5°	0.0	5.6	15.5	25.9	39.7	55.3	74.2	94.3	115.9	139.5	164.6
-10°	0.0	5.5	15.3	25.7	39.4	54.9	73.4	93.4	114.8	137.9	162.2
-12.5°	0.0	5.5	15.1	25.5	39.0	54.3	72.5	92.1	113.4	135.9	159.9
-15°	0.0	5.4	14.9	25.2	38.5	53.6	71.3	90.6	111.6	133.7	157.3
-17.5°	0.0	5.3	14.6	24.9	37.8	52.7	69.9	88.8	109.4	131.1	154.2
-20°	0.0	5.3	14.3	24.4	37.1	51.6	68.3	86.8	106.9	128.2	150.6



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 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.2	14.0	23.9	36.3	50.5	66.6	84.5	104.1	124.8	146.5
-25°	0.0	5.1	13.6	23.4	35.4	49.1	64.6	81.9	100.9	121.1	141.9
-27.5°	0.0	5.0	13.2	22.7	34.4	47.5	62.5	79.1	97.4	117.0	137.3
-30°	0.0	4.8	12.7	22.0	33.3	45.8	60.2	76.0	93.8	112.7	132.3
-32.5°	0.0	4.7	12.3	21.2	32.0	44.0	57.7	73.0	90.0	108.1	126.9
-35°	0.0	4.6	11.8	20.4	30.6	42.0	55.2	69.8	85.9	103.2	121.2
-37.5°	0.0	4.4	11.3	19.4	29.1	39.9	52.7	66.5	81.5	98.0	115.1
-40°	0.0	4.3	10.7	18.5	27.6	38.0	49.9	63.1	76.8	92.6	108.9
-42.5°	0.0	4.1	10.1	17.4	26.1	35.9	47.0	59.5	72.4	87.1	102.3
-45°	0.0	4.0	9.6	16.3	24.6	33.8	44.0	55.7	68.1	81.3	95.6
-47.5°	0.0	3.8	8.9	15.2	23.2	31.6	40.7	52.0	63.6	75.4	89.0
-50°	0.0	3.6	8.3	14.3	21.6	29.2	37.9	48.0	58.9	70.1	82.3
-52.5°	0.0	3.4	7.7	13.3	20.1	26.8	35.0	43.8	54.1	64.6	75.5
-55°	0.0	3.2	7.0	12.3	18.5	24.8	32.0	39.6	49.1	58.8	69.0
-57.5°	0.0	3.0	6.3	11.3	16.8	22.8	28.9	36.0	44.0	53.0	62.2
-60°	0.0	2.8	5.6	10.3	15.2	20.7	25.9	32.4	39.0	47.2	55.4
-62.5°	0.0	2.6	5.2	9.2	13.7	18.7	23.5	28.7	34.8	41.2	48.7
-65°	0.0	2.4	4.7	8.1	12.2	16.6	21.0	25.2	30.5	36.0	41.9
-67.5°	0.0	2.1	4.3	7.0	10.7	14.5	18.5	22.3	26.1	31.1	36.0
-70°	0.0	1.9	3.8	5.8	9.1	12.5	16.0	19.4	22.7	26.1	30.5
-72.5°	0.0	1.7	3.4	5.0	7.5	10.5	13.6	16.4	19.2	22.1	25.1
-75°	0.0	1.4	2.9	4.3	5.9	8.4	11.0	13.5	15.7	18.1	20.6
-77.5°	0.0	1.2	2.4	3.6	4.8	6.3	8.5	10.5	12.4	14.2	16.0
-80°	0.0	1.0	1.9	2.9	3.9	4.8	5.9	7.6	9.1	10.6	12.0
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	5.8	7.0	8.1
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-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-SA2D-927-U-MR-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°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
85°	5.2	5.6	6.3	7.0	7.6	8.1	8.6	9.0	9.5	10.0	10.5
82.5°	9.2	10.2	11.3	12.3	13.1	13.8	14.5	15.5	16.6	17.7	18.8
80°	13.4	14.8	16.6	18.3	19.9	21.5	23.0	24.6	26.1	27.8	29.4
77.5°	18.2	20.5	22.8	25.1	27.3	29.9	32.5	35.1	37.4	39.5	41.4
75°	23.3	26.1	29.5	33.0	36.3	39.6	42.9	46.4	49.6	52.4	55.1
72.5°	28.8	32.9	37.0	41.2	45.8	50.2	54.5	58.6	62.4	66.0	69.5
70°	35.0	39.7	45.2	50.7	56.1	61.2	66.1	70.8	75.3	79.9	84.9
67.5°	41.3	47.7	54.1	60.4	66.6	72.4	77.9	83.9	89.8	95.7	101.3
65°	48.8	55.9	63.2	70.4	77.3	84.3	91.2	98.1	105.1	111.8	118.0
62.5°	56.2	64.5	72.6	80.6	88.7	96.6	104.8	112.9	120.7	128.8	136.5
60°	64.1	73.1	82.0	91.0	100.1	109.6	118.7	128.2	137.7	146.8	155.7
57.5°	71.9	81.7	91.4	101.6	112.2	122.7	133.4	144.0	154.9	165.4	174.5
55°	79.5	90.0	101.0	112.6	124.3	136.3	148.3	160.7	172.4	181.3	189.6
52.5°	87.1	98.5	111.0	123.7	136.7	150.1	164.1	176.1	185.9	193.4	195.2
50°	94.6	107.6	120.9	134.8	149.1	164.3	177.7	188.5	194.1	196.2	195.1
47.5°	102.5	116.5	130.8	145.7	161.8	176.3	188.9	194.5	197.1	194.3	190.7
45°	110.4	125.3	140.4	156.8	172.9	186.6	193.7	197.7	194.1	190.7	188.3
42.5°	117.9	133.9	150.5	167.4	182.3	192.0	196.5	194.2	191.2	188.6	189.5
40°	125.4	142.2	160.3	176.2	189.6	194.6	193.8	191.1	189.3	190.5	194.3
37.5°	132.6	150.9	169.4	184.7	192.0	194.0	190.7	188.9	190.2	194.6	203.0
35°	139.4	159.3	176.8	189.7	194.6	191.1	188.8	188.5	193.5	202.3	214.8
32.5°	146.4	167.2	183.8	191.9	192.7	188.9	187.1	191.4	199.2	210.9	231.8
30°	153.1	173.3	188.9	193.9	190.5	187.5	188.6	194.7	205.3	224.9	258.7
27.5°	159.2	178.8	190.6	193.0	188.6	186.2	190.8	200.0	215.4	241.5	289.8
25°	164.8	183.8	192.1	191.2	187.3	187.1	193.3	204.7	226.0	268.2	334.3
22.5°	169.4	188.4	193.5	189.5	186.1	188.6	197.3	213.1	241.6	293.3	380.8
20°	173.2	189.6	193.2	188.0	184.8	189.8	200.9	221.4	262.7	332.7	433.1
17.5°	176.6	190.6	191.9	186.9	185.6	191.7	204.6	228.7	281.4	366.5	483.3
15°	179.6	191.5	190.7	186.1	186.5	194.4	210.6	242.6	303.8	398.4	528.5
12.5°	182.2	192.3	189.5	185.3	187.2	196.5	215.7	255.3	325.9	433.0	600.8
10°	184.4	192.9	188.4	184.7	187.6	198.2	219.9	265.3	343.0	462.3	661.6
7.5°	186.4	193.4	187.5	184.2	187.8	199.5	223.1	272.7	355.1	485.9	707.0
5°	187.9	193.7	187.0	184.0	188.5	200.9	225.4	277.4	362.5	503.0	737.4
2.5°	188.8	193.9	186.7	183.8	189.5	202.8	227.4	281.5	369.1	511.5	759.0
0°	189.3	194.0	186.6	183.8	190.3	204.2	228.3	283.1	372.2	511.4	772.2
-2.5°	188.8	193.9	186.7	183.8	189.5	202.8	227.4	281.5	369.1	511.5	759.0
-5°	187.9	193.7	187.0	184.0	188.5	200.9	225.4	277.4	362.5	503.0	737.4
-7.5°	186.4	193.4	187.5	184.2	187.8	199.5	223.1	272.7	355.1	485.9	707.0
-10°	184.4	192.9	188.4	184.7	187.6	198.2	219.9	265.3	343.0	462.3	661.6
-12.5°	182.2	192.3	189.5	185.3	187.2	196.5	215.7	255.3	325.9	433.0	600.8
-15°	179.6	191.5	190.7	186.1	186.5	194.4	210.6	242.6	303.8	398.4	528.5
-17.5°	176.6	190.6	191.9	186.9	185.6	191.7	204.6	228.7	281.4	366.5	483.3
-20°	173.2	189.6	193.2	188.0	184.8	189.8	200.9	221.4	262.7	332.7	433.1



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	169.4	188.4	193.5	189.5	186.1	188.6	197.3	213.1	241.6	293.3	380.8
-25°	164.8	183.8	192.1	191.2	187.3	187.1	193.3	204.7	226.0	268.2	334.3
-27.5°	159.2	178.8	190.6	193.0	188.6	186.2	190.8	200.0	215.4	241.5	289.8
-30°	153.1	173.3	188.9	193.9	190.5	187.5	188.6	194.7	205.3	224.9	258.7
-32.5°	146.4	167.2	183.8	191.9	192.7	188.9	187.1	191.4	199.2	210.9	231.8
-35°	139.4	159.3	176.8	189.7	194.6	191.1	188.8	188.5	193.5	202.3	214.8
-37.5°	132.6	150.9	169.4	184.7	192.0	194.0	190.7	188.9	190.2	194.6	203.0
-40°	125.4	142.2	160.3	176.2	189.6	194.6	193.8	191.1	189.3	190.5	194.3
-42.5°	117.9	133.9	150.5	167.4	182.3	192.0	196.5	194.2	191.2	188.6	189.5
-45°	110.4	125.3	140.4	156.8	172.9	186.6	193.7	197.7	194.1	190.7	188.3
-47.5°	102.5	116.5	130.8	145.7	161.8	176.3	188.9	194.5	197.1	194.3	190.7
-50°	94.6	107.6	120.9	134.8	149.1	164.3	177.7	188.5	194.1	196.2	195.1
-52.5°	87.1	98.5	111.0	123.7	136.7	150.1	164.1	176.1	185.9	193.4	195.2
-55°	79.5	90.0	101.0	112.6	124.3	136.3	148.3	160.7	172.4	181.3	189.6
-57.5°	71.9	81.7	91.4	101.6	112.2	122.7	133.4	144.0	154.9	165.4	174.5
-60°	64.1	73.1	82.0	91.0	100.1	109.6	118.7	128.2	137.7	146.8	155.7
-62.5°	56.2	64.5	72.6	80.6	88.7	96.6	104.8	112.9	120.7	128.8	136.5
-65°	48.8	55.9	63.2	70.4	77.3	84.3	91.2	98.1	105.1	111.8	118.0
-67.5°	41.3	47.7	54.1	60.4	66.6	72.4	77.9	83.9	89.8	95.7	101.3
-70°	35.0	39.7	45.2	50.7	56.1	61.2	66.1	70.8	75.3	79.9	84.9
-72.5°	28.8	32.9	37.0	41.2	45.8	50.2	54.5	58.6	62.4	66.0	69.5
-75°	23.3	26.1	29.5	33.0	36.3	39.6	42.9	46.4	49.6	52.4	55.1
-77.5°	18.2	20.5	22.8	25.1	27.3	29.9	32.5	35.1	37.4	39.5	41.4
-80°	13.4	14.8	16.6	18.3	19.9	21.5	23.0	24.6	26.1	27.8	29.4
-82.5°	9.2	10.2	11.3	12.3	13.1	13.8	14.5	15.5	16.6	17.7	18.8
-85°	5.2	5.6	6.3	7.0	7.6	8.1	8.6	9.0	9.5	10.0	10.5
-87.5°	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.4
-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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-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°	4.6	4.5	4.4	4.3	4.2	4.2	4.3	4.4	4.4	4.7	5.0
85°	10.9	11.4	11.9	12.4	13.0	13.3	13.7	13.9	14.2	14.4	14.6
82.5°	19.8	20.9	21.8	22.7	23.5	24.1	24.7	25.2	25.7	26.0	26.4
80°	30.9	32.3	33.5	34.6	35.6	36.4	37.1	37.7	38.1	39.1	40.0
77.5°	43.4	45.3	47.0	48.7	50.1	51.6	53.0	54.2	55.3	56.1	56.7
75°	57.7	60.1	62.6	64.8	66.9	69.0	71.0	72.9	74.6	75.7	76.6
72.5°	73.1	76.4	79.4	82.2	84.8	87.4	89.9	92.2	94.2	95.8	97.0
70°	89.6	93.8	97.3	100.6	103.8	107.0	110.1	112.9	115.3	117.2	118.8
67.5°	106.6	111.5	115.9	120.2	124.4	128.4	132.3	135.8	139.1	141.5	143.2
65°	124.1	130.4	136.2	141.4	146.1	150.6	155.4	159.8	163.8	167.1	169.6
62.5°	143.8	151.0	157.5	163.4	168.6	172.9	177.4	181.5	185.2	188.7	192.1
60°	164.1	172.0	177.8	182.7	187.3	191.3	192.9	194.4	195.7	196.8	198.1
57.5°	181.7	188.6	193.5	194.6	195.6	196.5	195.9	194.3	192.7	191.0	189.7
55°	194.0	196.0	198.1	196.4	193.7	191.1	188.9	187.4	185.9	184.6	183.5
52.5°	197.3	195.4	193.1	190.6	188.7	186.8	184.8	185.2	185.8	186.2	186.5
50°	192.5	190.3	189.1	187.6	187.9	188.9	189.7	191.5	193.7	195.4	196.7
47.5°	188.8	187.4	189.2	191.6	193.8	197.7	201.3	204.7	210.1	214.4	217.8
45°	187.8	191.3	194.9	200.7	205.8	214.5	222.7	229.6	242.5	254.2	263.5
42.5°	193.1	199.1	205.7	216.9	229.0	244.5	264.4	281.3	301.0	319.4	332.8
40°	201.8	210.7	225.6	243.6	271.9	297.0	330.0	358.2	384.8	412.9	434.1
37.5°	214.4	231.0	258.8	291.3	334.1	375.3	420.8	465.0	502.6	559.6	604.3
35°	233.1	266.8	306.3	360.4	416.4	479.6	546.1	631.8	707.4	795.9	879.2
32.5°	267.2	312.8	374.6	447.9	522.4	631.3	734.1	873.4	998.6	1154.8	1322.8
30°	307.1	375.1	458.2	553.9	688.7	838.6	1007.5	1221.2	1475.1	1777.5	2183.1
27.5°	362.1	449.4	553.9	709.0	900.2	1101.1	1400.7	1759.9	2414.5	2984.9	3740.9
25°	421.3	527.9	693.2	901.6	1153.3	1515.0	2100.8	2848.2	3906.8	4919.0	5728.2
22.5°	489.5	645.2	853.9	1113.3	1520.7	2221.0	3130.5	4446.7	5627.1	6648.1	7434.3
20°	565.1	760.4	1040.9	1437.2	2130.9	3156.6	4616.8	5967.6	7173.2	8052.1	8746.8
17.5°	662.9	918.0	1274.0	1820.9	2885.6	4466.1	5971.5	7306.6	8355.6	9127.8	9743.6
15°	754.2	1063.2	1524.5	2457.7	3910.9	5600.1	7143.1	8334.1	9241.9	9960.4	10514.1
12.5°	862.0	1226.2	1817.3	3007.8	4853.6	6535.6	7974.9	9087.1	9961.3	10634.8	11376.9
10°	958.1	1401.6	2236.8	3740.8	5627.8	7270.8	8668.5	9668.1	10544.7	11422.4	12535.1
7.5°	1037.4	1548.9	2580.9	4359.3	6222.1	7814.7	9088.0	10086.7	11052.9	12225.1	13830.0
5°	1100.3	1659.9	2863.9	4826.2	6654.2	8202.8	9408.4	10420.7	11512.0	13080.1	15234.0
2.5°	1142.5	1732.6	3040.9	5108.3	6926.8	8425.5	9645.9	10639.1	11783.3	13558.8	15809.1
0°	1159.2	1766.2	2996.0	5159.5	6943.3	8498.0	9681.3	10720.8	11860.6	13638.9	15914.6
-2.5°	1142.5	1732.6	3040.9	5108.3	6926.8	8425.5	9645.9	10639.1	11783.3	13558.8	15809.1
-5°	1100.3	1659.9	2863.9	4826.2	6654.2	8202.8	9408.4	10420.7	11512.0	13080.1	15234.0
-7.5°	1037.4	1548.9	2580.9	4359.3	6222.1	7814.7	9088.0	10086.7	11052.9	12225.1	13830.0
-10°	958.1	1401.6	2236.8	3740.8	5627.8	7270.8	8668.5	9668.1	10544.7	11422.4	12535.1
-12.5°	862.0	1226.2	1817.3	3007.8	4853.6	6535.6	7974.9	9087.1	9961.3	10634.8	11376.9
-15°	754.2	1063.2	1524.5	2457.7	3910.9	5600.1	7143.1	8334.1	9241.9	9960.4	10514.1
-17.5°	662.9	918.0	1274.0	1820.9	2885.6	4466.1	5971.5	7306.6	8355.6	9127.8	9743.6
-20°	565.1	760.4	1040.9	1437.2	2130.9	3156.6	4616.8	5967.6	7173.2	8052.1	8746.8



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	489.5	645.2	853.9	1113.3	1520.7	2221.0	3130.5	4446.7	5627.1	6648.1	7434.3
-25°	421.3	527.9	693.2	901.6	1153.3	1515.0	2100.8	2848.2	3906.8	4919.0	5728.2
-27.5°	362.1	449.4	553.9	709.0	900.2	1101.1	1400.7	1759.9	2414.5	2984.9	3740.9
-30°	307.1	375.1	458.2	553.9	688.7	838.6	1007.5	1221.2	1475.1	1777.5	2183.1
-32.5°	267.2	312.8	374.6	447.9	522.4	631.3	734.1	873.4	998.6	1154.8	1322.8
-35°	233.1	266.8	306.3	360.4	416.4	479.6	546.1	631.8	707.4	795.9	879.2
-37.5°	214.4	231.0	258.8	291.3	334.1	375.3	420.8	465.0	502.6	559.6	604.3
-40°	201.8	210.7	225.6	243.6	271.9	297.0	330.0	358.2	384.8	412.9	434.1
-42.5°	193.1	199.1	205.7	216.9	229.0	244.5	264.4	281.3	301.0	319.4	332.8
-45°	187.8	191.3	194.9	200.7	205.8	214.5	222.7	229.6	242.5	254.2	263.5
-47.5°	188.8	187.4	189.2	191.6	193.8	197.7	201.3	204.7	210.1	214.4	217.8
-50°	192.5	190.3	189.1	187.6	187.9	188.9	189.7	191.5	193.7	195.4	196.7
-52.5°	197.3	195.4	193.1	190.6	188.7	186.8	184.8	185.2	185.8	186.2	186.5
-55°	194.0	196.0	198.1	196.4	193.7	191.1	188.9	187.4	185.9	184.6	183.5
-57.5°	181.7	188.6	193.5	194.6	195.6	196.5	195.9	194.3	192.7	191.0	189.7
-60°	164.1	172.0	177.8	182.7	187.3	191.3	192.9	194.4	195.7	196.8	198.1
-62.5°	143.8	151.0	157.5	163.4	168.6	172.9	177.4	181.5	185.2	188.7	192.1
-65°	124.1	130.4	136.2	141.4	146.1	150.6	155.4	159.8	163.8	167.1	169.6
-67.5°	106.6	111.5	115.9	120.2	124.4	128.4	132.3	135.8	139.1	141.5	143.2
-70°	89.6	93.8	97.3	100.6	103.8	107.0	110.1	112.9	115.3	117.2	118.8
-72.5°	73.1	76.4	79.4	82.2	84.8	87.4	89.9	92.2	94.2	95.8	97.0
-75°	57.7	60.1	62.6	64.8	66.9	69.0	71.0	72.9	74.6	75.7	76.6
-77.5°	43.4	45.3	47.0	48.7	50.1	51.6	53.0	54.2	55.3	56.1	56.7
-80°	30.9	32.3	33.5	34.6	35.6	36.4	37.1	37.7	38.1	39.1	40.0
-82.5°	19.8	20.9	21.8	22.7	23.5	24.1	24.7	25.2	25.7	26.0	26.4
-85°	10.9	11.4	11.9	12.4	13.0	13.3	13.7	13.9	14.2	14.4	14.6
-87.5°	4.6	4.5	4.4	4.3	4.2	4.2	4.3	4.4	4.4	4.7	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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-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	5.6	5.6	5.6	5.6	5.6	5.3	5.0	4.7	4.4	4.4
85°	14.7	14.8	15.3	15.8	15.3	14.8	14.7	14.6	14.4	14.2	13.9
82.5°	26.6	26.8	26.9	26.9	26.9	26.8	26.6	26.4	26.0	25.7	25.2
80°	40.8	41.6	41.3	40.8	41.3	41.6	40.8	40.0	39.1	38.1	37.7
77.5°	57.1	57.2	57.0	56.6	57.0	57.2	57.1	56.7	56.1	55.3	54.2
75°	77.2	77.5	77.9	78.0	77.9	77.5	77.2	76.6	75.7	74.6	72.9
72.5°	98.0	98.7	98.7	98.4	98.7	98.7	98.0	97.0	95.8	94.2	92.2
70°	120.0	120.9	121.4	121.6	121.4	120.9	120.0	118.8	117.2	115.3	112.9
67.5°	144.3	144.9	145.5	145.7	145.5	144.9	144.3	143.2	141.5	139.1	135.8
65°	171.7	173.3	173.8	173.6	173.8	173.3	171.7	169.6	167.1	163.8	159.8
62.5°	195.2	198.0	199.2	199.5	199.2	198.0	195.2	192.1	188.7	185.2	181.5
60°	199.3	200.2	200.5	200.5	200.5	200.2	199.3	198.1	196.8	195.7	194.4
57.5°	188.5	187.4	186.8	186.6	186.8	187.4	188.5	189.7	191.0	192.7	194.3
55°	182.5	181.5	181.1	181.0	181.1	181.5	182.5	183.5	184.6	185.9	187.4
52.5°	186.6	186.5	186.8	187.5	186.8	186.5	186.6	186.5	186.2	185.8	185.2
50°	197.9	198.7	199.6	200.5	199.6	198.7	197.9	196.7	195.4	193.7	191.5
47.5°	220.3	221.6	222.3	222.8	222.3	221.6	220.3	217.8	214.4	210.1	204.7
45°	269.5	272.7	274.3	274.7	274.3	272.7	269.5	263.5	254.2	242.5	229.6
42.5°	341.6	346.5	348.5	349.0	348.5	346.5	341.6	332.8	319.4	301.0	281.3
40°	449.2	457.8	462.0	465.0	462.0	457.8	449.2	434.1	412.9	384.8	358.2
37.5°	637.6	659.3	671.6	682.2	671.6	659.3	637.6	604.3	559.6	502.6	465.0
35°	946.9	996.5	1025.7	1032.1	1025.7	996.5	946.9	879.2	795.9	707.4	631.8
32.5°	1452.1	1549.5	1607.7	1614.9	1607.7	1549.5	1452.1	1322.8	1154.8	998.6	873.4
30°	2498.0	2770.8	2957.7	2932.0	2957.7	2770.8	2498.0	2183.1	1777.5	1475.1	1221.2
27.5°	4360.2	4854.7	5176.0	5149.3	5176.0	4854.7	4360.2	3740.9	2984.9	2414.5	1759.9
25°	6350.4	6805.6	7074.3	7173.5	7074.3	6805.6	6350.4	5728.2	4919.0	3906.8	2848.2
22.5°	7975.6	8382.5	8615.0	8754.1	8615.0	8382.5	7975.6	7434.3	6648.1	5627.1	4446.7
20°	9220.8	9573.7	9773.7	9859.5	9773.7	9573.7	9220.8	8746.8	8052.1	7173.2	5967.6
17.5°	10178.8	10474.2	10700.6	10758.9	10700.6	10474.2	10178.8	9743.6	9127.8	8355.6	7306.6
15°	11026.1	11407.8	11674.7	11774.2	11674.7	11407.8	11026.1	10514.1	9960.4	9241.9	8334.1
12.5°	12094.7	12758.3	13111.1	13192.4	13111.1	12758.3	12094.7	11376.9	10634.8	9961.3	9087.1
10°	13674.0	14694.1	14809.7	14651.4	14809.7	14694.1	13674.0	12535.1	11422.4	10544.7	9668.1
7.5°	15974.2	17334.4	17040.3	16550.4	17040.3	17334.4	15974.2	13830.0	12225.1	11052.9	10086.7
5°	17620.2	19508.7	19567.3	19207.6	19567.3	19508.7	17620.2	15234.0	13080.1	11512.0	10420.7
2.5°	18275.5	20219.5	21187.0	21345.6	21187.0	20219.5	18275.5	15809.1	13558.8	11783.3	10639.1
0°	18324.5	20448.5	21595.7	21880.6	21595.7	20448.5	18324.5	15914.6	13638.9	11860.6	10720.8
-2.5°	18275.5	20219.5	21187.0	21345.6	21187.0	20219.5	18275.5	15809.1	13558.8	11783.3	10639.1
-5°	17620.2	19508.7	19567.3	19207.6	19567.3	19508.7	17620.2	15234.0	13080.1	11512.0	10420.7
-7.5°	15974.2	17334.4	17040.3	16550.4	17040.3	17334.4	15974.2	13830.0	12225.1	11052.9	10086.7
-10°	13674.0	14694.1	14809.7	14651.4	14809.7	14694.1	13674.0	12535.1	11422.4	10544.7	9668.1
-12.5°	12094.7	12758.3	13111.1	13192.4	13111.1	12758.3	12094.7	11376.9	10634.8	9961.3	9087.1
-15°	11026.1	11407.8	11674.7	11774.2	11674.7	11407.8	11026.1	10514.1	9960.4	9241.9	8334.1
-17.5°	10178.8	10474.2	10700.6	10758.9	10700.6	10474.2	10178.8	9743.6	9127.8	8355.6	7306.6
-20°	9220.8	9573.7	9773.7	9859.5	9773.7	9573.7	9220.8	8746.8	8052.1	7173.2	5967.6



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7975.6	8382.5	8615.0	8754.1	8615.0	8382.5	7975.6	7434.3	6648.1	5627.1	4446.7
-25°	6350.4	6805.6	7074.3	7173.5	7074.3	6805.6	6350.4	5728.2	4919.0	3906.8	2848.2
-27.5°	4360.2	4854.7	5176.0	5149.3	5176.0	4854.7	4360.2	3740.9	2984.9	2414.5	1759.9
-30°	2498.0	2770.8	2957.7	2932.0	2957.7	2770.8	2498.0	2183.1	1777.5	1475.1	1221.2
-32.5°	1452.1	1549.5	1607.7	1614.9	1607.7	1549.5	1452.1	1322.8	1154.8	998.6	873.4
-35°	946.9	996.5	1025.7	1032.1	1025.7	996.5	946.9	879.2	795.9	707.4	631.8
-37.5°	637.6	659.3	671.6	682.2	671.6	659.3	637.6	604.3	559.6	502.6	465.0
-40°	449.2	457.8	462.0	465.0	462.0	457.8	449.2	434.1	412.9	384.8	358.2
-42.5°	341.6	346.5	348.5	349.0	348.5	346.5	341.6	332.8	319.4	301.0	281.3
-45°	269.5	272.7	274.3	274.7	274.3	272.7	269.5	263.5	254.2	242.5	229.6
-47.5°	220.3	221.6	222.3	222.8	222.3	221.6	220.3	217.8	214.4	210.1	204.7
-50°	197.9	198.7	199.6	200.5	199.6	198.7	197.9	196.7	195.4	193.7	191.5
-52.5°	186.6	186.5	186.8	187.5	186.8	186.5	186.6	186.5	186.2	185.8	185.2
-55°	182.5	181.5	181.1	181.0	181.1	181.5	182.5	183.5	184.6	185.9	187.4
-57.5°	188.5	187.4	186.8	186.6	186.8	187.4	188.5	189.7	191.0	192.7	194.3
-60°	199.3	200.2	200.5	200.5	200.5	200.2	199.3	198.1	196.8	195.7	194.4
-62.5°	195.2	198.0	199.2	199.5	199.2	198.0	195.2	192.1	188.7	185.2	181.5
-65°	171.7	173.3	173.8	173.6	173.8	173.3	171.7	169.6	167.1	163.8	159.8
-67.5°	144.3	144.9	145.5	145.7	145.5	144.9	144.3	143.2	141.5	139.1	135.8
-70°	120.0	120.9	121.4	121.6	121.4	120.9	120.0	118.8	117.2	115.3	112.9
-72.5°	98.0	98.7	98.7	98.4	98.7	98.7	98.0	97.0	95.8	94.2	92.2
-75°	77.2	77.5	77.9	78.0	77.9	77.5	77.2	76.6	75.7	74.6	72.9
-77.5°	57.1	57.2	57.0	56.6	57.0	57.2	57.1	56.7	56.1	55.3	54.2
-80°	40.8	41.6	41.3	40.8	41.3	41.6	40.8	40.0	39.1	38.1	37.7
-82.5°	26.6	26.8	26.9	26.9	26.9	26.8	26.6	26.4	26.0	25.7	25.2
-85°	14.7	14.8	15.3	15.8	15.3	14.8	14.7	14.6	14.4	14.2	13.9
-87.5°	5.3	5.6	5.6	5.6	5.6	5.6	5.3	5.0	4.7	4.4	4.4
-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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-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°	4.3	4.2	4.2	4.3	4.4	4.5	4.6	4.4	4.3	4.1	4.0
85°	13.7	13.3	13.0	12.4	11.9	11.4	10.9	10.5	10.0	9.5	9.0
82.5°	24.7	24.1	23.5	22.7	21.8	20.9	19.8	18.8	17.7	16.6	15.5
80°	37.1	36.4	35.6	34.6	33.5	32.3	30.9	29.4	27.8	26.1	24.6
77.5°	53.0	51.6	50.1	48.7	47.0	45.3	43.4	41.4	39.5	37.4	35.1
75°	71.0	69.0	66.9	64.8	62.6	60.1	57.7	55.1	52.4	49.6	46.4
72.5°	89.9	87.4	84.8	82.2	79.4	76.4	73.1	69.5	66.0	62.4	58.6
70°	110.1	107.0	103.8	100.6	97.3	93.8	89.6	84.9	79.9	75.3	70.8
67.5°	132.3	128.4	124.4	120.2	115.9	111.5	106.6	101.3	95.7	89.8	83.9
65°	155.4	150.6	146.1	141.4	136.2	130.4	124.1	118.0	111.8	105.1	98.1
62.5°	177.4	172.9	168.6	163.4	157.5	151.0	143.8	136.5	128.8	120.7	112.9
60°	192.9	191.3	187.3	182.7	177.8	172.0	164.1	155.7	146.8	137.7	128.2
57.5°	195.9	196.5	195.6	194.6	193.5	188.6	181.7	174.5	165.4	154.9	144.0
55°	188.9	191.1	193.7	196.4	198.1	196.0	194.0	189.6	181.3	172.4	160.7
52.5°	184.8	186.8	188.7	190.6	193.1	195.4	197.3	195.2	193.4	185.9	176.1
50°	189.7	188.9	187.9	187.6	189.1	190.3	192.5	195.1	196.2	194.1	188.5
47.5°	201.3	197.7	193.8	191.6	189.2	187.4	188.8	190.7	194.3	197.1	194.5
45°	222.7	214.5	205.8	200.7	194.9	191.3	187.8	188.3	190.7	194.1	197.7
42.5°	264.4	244.5	229.0	216.9	205.7	199.1	193.1	189.5	188.6	191.2	194.2
40°	330.0	297.0	271.9	243.6	225.6	210.7	201.8	194.3	190.5	189.3	191.1
37.5°	420.8	375.3	334.1	291.3	258.8	231.0	214.4	203.0	194.6	190.2	188.9
35°	546.1	479.6	416.4	360.4	306.3	266.8	233.1	214.8	202.3	193.5	188.5
32.5°	734.1	631.3	522.4	447.9	374.6	312.8	267.2	231.8	210.9	199.2	191.4
30°	1007.5	838.6	688.7	553.9	458.2	375.1	307.1	258.7	224.9	205.3	194.7
27.5°	1400.7	1101.1	900.2	709.0	553.9	449.4	362.1	289.8	241.5	215.4	200.0
25°	2100.8	1515.0	1153.3	901.6	693.2	527.9	421.3	334.3	268.2	226.0	204.7
22.5°	3130.5	2221.0	1520.7	1113.3	853.9	645.2	489.5	380.8	293.3	241.6	213.1
20°	4616.8	3156.6	2130.9	1437.2	1040.9	760.4	565.1	433.1	332.7	262.7	221.4
17.5°	5971.5	4466.1	2885.6	1820.9	1274.0	918.0	662.9	483.3	366.5	281.4	228.7
15°	7143.1	5600.1	3910.9	2457.7	1524.5	1063.2	754.2	528.5	398.4	303.8	242.6
12.5°	7974.9	6535.6	4853.6	3007.8	1817.3	1226.2	862.0	600.8	433.0	325.9	255.3
10°	8668.5	7270.8	5627.8	3740.8	2236.8	1401.6	958.1	661.6	462.3	343.0	265.3
7.5°	9088.0	7814.7	6222.1	4359.3	2580.9	1548.9	1037.4	707.0	485.9	355.1	272.7
5°	9408.4	8202.8	6654.2	4826.2	2863.9	1659.9	1100.3	737.4	503.0	362.5	277.4
2.5°	9645.9	8425.5	6926.8	5108.3	3040.9	1732.6	1142.5	759.0	511.5	369.1	281.5
0°	9681.3	8498.0	6943.3	5159.5	2996.0	1766.2	1159.2	772.2	511.4	372.2	283.1
-2.5°	9645.9	8425.5	6926.8	5108.3	3040.9	1732.6	1142.5	759.0	511.5	369.1	281.5
-5°	9408.4	8202.8	6654.2	4826.2	2863.9	1659.9	1100.3	737.4	503.0	362.5	277.4
-7.5°	9088.0	7814.7	6222.1	4359.3	2580.9	1548.9	1037.4	707.0	485.9	355.1	272.7
-10°	8668.5	7270.8	5627.8	3740.8	2236.8	1401.6	958.1	661.6	462.3	343.0	265.3
-12.5°	7974.9	6535.6	4853.6	3007.8	1817.3	1226.2	862.0	600.8	433.0	325.9	255.3
-15°	7143.1	5600.1	3910.9	2457.7	1524.5	1063.2	754.2	528.5	398.4	303.8	242.6
-17.5°	5971.5	4466.1	2885.6	1820.9	1274.0	918.0	662.9	483.3	366.5	281.4	228.7
-20°	4616.8	3156.6	2130.9	1437.2	1040.9	760.4	565.1	433.1	332.7	262.7	221.4



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3130.5	2221.0	1520.7	1113.3	853.9	645.2	489.5	380.8	293.3	241.6	213.1
-25°	2100.8	1515.0	1153.3	901.6	693.2	527.9	421.3	334.3	268.2	226.0	204.7
-27.5°	1400.7	1101.1	900.2	709.0	553.9	449.4	362.1	289.8	241.5	215.4	200.0
-30°	1007.5	838.6	688.7	553.9	458.2	375.1	307.1	258.7	224.9	205.3	194.7
-32.5°	734.1	631.3	522.4	447.9	374.6	312.8	267.2	231.8	210.9	199.2	191.4
-35°	546.1	479.6	416.4	360.4	306.3	266.8	233.1	214.8	202.3	193.5	188.5
-37.5°	420.8	375.3	334.1	291.3	258.8	231.0	214.4	203.0	194.6	190.2	188.9
-40°	330.0	297.0	271.9	243.6	225.6	210.7	201.8	194.3	190.5	189.3	191.1
-42.5°	264.4	244.5	229.0	216.9	205.7	199.1	193.1	189.5	188.6	191.2	194.2
-45°	222.7	214.5	205.8	200.7	194.9	191.3	187.8	188.3	190.7	194.1	197.7
-47.5°	201.3	197.7	193.8	191.6	189.2	187.4	188.8	190.7	194.3	197.1	194.5
-50°	189.7	188.9	187.9	187.6	189.1	190.3	192.5	195.1	196.2	194.1	188.5
-52.5°	184.8	186.8	188.7	190.6	193.1	195.4	197.3	195.2	193.4	185.9	176.1
-55°	188.9	191.1	193.7	196.4	198.1	196.0	194.0	189.6	181.3	172.4	160.7
-57.5°	195.9	196.5	195.6	194.6	193.5	188.6	181.7	174.5	165.4	154.9	144.0
-60°	192.9	191.3	187.3	182.7	177.8	172.0	164.1	155.7	146.8	137.7	128.2
-62.5°	177.4	172.9	168.6	163.4	157.5	151.0	143.8	136.5	128.8	120.7	112.9
-65°	155.4	150.6	146.1	141.4	136.2	130.4	124.1	118.0	111.8	105.1	98.1
-67.5°	132.3	128.4	124.4	120.2	115.9	111.5	106.6	101.3	95.7	89.8	83.9
-70°	110.1	107.0	103.8	100.6	97.3	93.8	89.6	84.9	79.9	75.3	70.8
-72.5°	89.9	87.4	84.8	82.2	79.4	76.4	73.1	69.5	66.0	62.4	58.6
-75°	71.0	69.0	66.9	64.8	62.6	60.1	57.7	55.1	52.4	49.6	46.4
-77.5°	53.0	51.6	50.1	48.7	47.0	45.3	43.4	41.4	39.5	37.4	35.1
-80°	37.1	36.4	35.6	34.6	33.5	32.3	30.9	29.4	27.8	26.1	24.6
-82.5°	24.7	24.1	23.5	22.7	21.8	20.9	19.8	18.8	17.7	16.6	15.5
-85°	13.7	13.3	13.0	12.4	11.9	11.4	10.9	10.5	10.0	9.5	9.0
-87.5°	4.3	4.2	4.2	4.3	4.4	4.5	4.6	4.4	4.3	4.1	4.0
-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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-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°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
85°	8.6	8.1	7.6	7.0	6.3	5.6	5.2	4.7	4.3	3.8	3.4
82.5°	14.5	13.8	13.1	12.3	11.3	10.2	9.2	8.1	7.0	5.8	5.0
80°	23.0	21.5	19.9	18.3	16.6	14.8	13.4	12.0	10.6	9.1	7.6
77.5°	32.5	29.9	27.3	25.1	22.8	20.5	18.2	16.0	14.2	12.4	10.5
75°	42.9	39.6	36.3	33.0	29.5	26.1	23.3	20.6	18.1	15.7	13.5
72.5°	54.5	50.2	45.8	41.2	37.0	32.9	28.8	25.1	22.1	19.2	16.4
70°	66.1	61.2	56.1	50.7	45.2	39.7	35.0	30.5	26.1	22.7	19.4
67.5°	77.9	72.4	66.6	60.4	54.1	47.7	41.3	36.0	31.1	26.1	22.3
65°	91.2	84.3	77.3	70.4	63.2	55.9	48.8	41.9	36.0	30.5	25.2
62.5°	104.8	96.6	88.7	80.6	72.6	64.5	56.2	48.7	41.2	34.8	28.7
60°	118.7	109.6	100.1	91.0	82.0	73.1	64.1	55.4	47.2	39.0	32.4
57.5°	133.4	122.7	112.2	101.6	91.4	81.7	71.9	62.2	53.0	44.0	36.0
55°	148.3	136.3	124.3	112.6	101.0	90.0	79.5	69.0	58.8	49.1	39.6
52.5°	164.1	150.1	136.7	123.7	111.0	98.5	87.1	75.5	64.6	54.1	43.8
50°	177.7	164.3	149.1	134.8	120.9	107.6	94.6	82.3	70.1	58.9	48.0
47.5°	188.9	176.3	161.8	145.7	130.8	116.5	102.5	89.0	75.4	63.6	52.0
45°	193.7	186.6	172.9	156.8	140.4	125.3	110.4	95.6	81.3	68.1	55.7
42.5°	196.5	192.0	182.3	167.4	150.5	133.9	117.9	102.3	87.1	72.4	59.5
40°	193.8	194.6	189.6	176.2	160.3	142.2	125.4	108.9	92.6	76.8	63.1
37.5°	190.7	194.0	192.0	184.7	169.4	150.9	132.6	115.1	98.0	81.5	66.5
35°	188.8	191.1	194.6	189.7	176.8	159.3	139.4	121.2	103.2	85.9	69.8
32.5°	187.1	188.9	192.7	191.9	183.8	167.2	146.4	126.9	108.1	90.0	73.0
30°	188.6	187.5	190.5	193.9	188.9	173.3	153.1	132.3	112.7	93.8	76.0
27.5°	190.8	186.2	188.6	193.0	190.6	178.8	159.2	137.3	117.0	97.4	79.1
25°	193.3	187.1	187.3	191.2	192.1	183.8	164.8	141.9	121.1	100.9	81.9
22.5°	197.3	188.6	186.1	189.5	193.5	188.4	169.4	146.5	124.8	104.1	84.5
20°	200.9	189.8	184.8	188.0	193.2	189.6	173.2	150.6	128.2	106.9	86.8
17.5°	204.6	191.7	185.6	186.9	191.9	190.6	176.6	154.2	131.1	109.4	88.8
15°	210.6	194.4	186.5	186.1	190.7	191.5	179.6	157.3	133.7	111.6	90.6
12.5°	215.7	196.5	187.2	185.3	189.5	192.3	182.2	159.9	135.9	113.4	92.1
10°	219.9	198.2	187.6	184.7	188.4	192.9	184.4	162.2	137.9	114.8	93.4
7.5°	223.1	199.5	187.8	184.2	187.5	193.4	186.4	164.6	139.5	115.9	94.3
5°	225.4	200.9	188.5	184.0	187.0	193.7	187.9	166.5	140.7	116.6	95.0
2.5°	227.4	202.8	189.5	183.8	186.7	193.9	188.8	168.0	141.6	116.9	95.5
0°	228.3	204.2	190.3	183.8	186.6	194.0	189.3	168.9	142.0	116.9	95.6
-2.5°	227.4	202.8	189.5	183.8	186.7	193.9	188.8	168.0	141.6	116.9	95.5
-5°	225.4	200.9	188.5	184.0	187.0	193.7	187.9	166.5	140.7	116.6	95.0
-7.5°	223.1	199.5	187.8	184.2	187.5	193.4	186.4	164.6	139.5	115.9	94.3
-10°	219.9	198.2	187.6	184.7	188.4	192.9	184.4	162.2	137.9	114.8	93.4
-12.5°	215.7	196.5	187.2	185.3	189.5	192.3	182.2	159.9	135.9	113.4	92.1
-15°	210.6	194.4	186.5	186.1	190.7	191.5	179.6	157.3	133.7	111.6	90.6
-17.5°	204.6	191.7	185.6	186.9	191.9	190.6	176.6	154.2	131.1	109.4	88.8
-20°	200.9	189.8	184.8	188.0	193.2	189.6	173.2	150.6	128.2	106.9	86.8



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	197.3	188.6	186.1	189.5	193.5	188.4	169.4	146.5	124.8	104.1	84.5
-25°	193.3	187.1	187.3	191.2	192.1	183.8	164.8	141.9	121.1	100.9	81.9
-27.5°	190.8	186.2	188.6	193.0	190.6	178.8	159.2	137.3	117.0	97.4	79.1
-30°	188.6	187.5	190.5	193.9	188.9	173.3	153.1	132.3	112.7	93.8	76.0
-32.5°	187.1	188.9	192.7	191.9	183.8	167.2	146.4	126.9	108.1	90.0	73.0
-35°	188.8	191.1	194.6	189.7	176.8	159.3	139.4	121.2	103.2	85.9	69.8
-37.5°	190.7	194.0	192.0	184.7	169.4	150.9	132.6	115.1	98.0	81.5	66.5
-40°	193.8	194.6	189.6	176.2	160.3	142.2	125.4	108.9	92.6	76.8	63.1
-42.5°	196.5	192.0	182.3	167.4	150.5	133.9	117.9	102.3	87.1	72.4	59.5
-45°	193.7	186.6	172.9	156.8	140.4	125.3	110.4	95.6	81.3	68.1	55.7
-47.5°	188.9	176.3	161.8	145.7	130.8	116.5	102.5	89.0	75.4	63.6	52.0
-50°	177.7	164.3	149.1	134.8	120.9	107.6	94.6	82.3	70.1	58.9	48.0
-52.5°	164.1	150.1	136.7	123.7	111.0	98.5	87.1	75.5	64.6	54.1	43.8
-55°	148.3	136.3	124.3	112.6	101.0	90.0	79.5	69.0	58.8	49.1	39.6
-57.5°	133.4	122.7	112.2	101.6	91.4	81.7	71.9	62.2	53.0	44.0	36.0
-60°	118.7	109.6	100.1	91.0	82.0	73.1	64.1	55.4	47.2	39.0	32.4
-62.5°	104.8	96.6	88.7	80.6	72.6	64.5	56.2	48.7	41.2	34.8	28.7
-65°	91.2	84.3	77.3	70.4	63.2	55.9	48.8	41.9	36.0	30.5	25.2
-67.5°	77.9	72.4	66.6	60.4	54.1	47.7	41.3	36.0	31.1	26.1	22.3
-70°	66.1	61.2	56.1	50.7	45.2	39.7	35.0	30.5	26.1	22.7	19.4
-72.5°	54.5	50.2	45.8	41.2	37.0	32.9	28.8	25.1	22.1	19.2	16.4
-75°	42.9	39.6	36.3	33.0	29.5	26.1	23.3	20.6	18.1	15.7	13.5
-77.5°	32.5	29.9	27.3	25.1	22.8	20.5	18.2	16.0	14.2	12.4	10.5
-80°	23.0	21.5	19.9	18.3	16.6	14.8	13.4	12.0	10.6	9.1	7.6
-82.5°	14.5	13.8	13.1	12.3	11.3	10.2	9.2	8.1	7.0	5.8	5.0
-85°	8.6	8.1	7.6	7.0	6.3	5.6	5.2	4.7	4.3	3.8	3.4
-87.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
-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: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
80°	5.9	4.8	3.9	2.9	1.9	1.0	0.0
77.5°	8.5	6.3	4.8	3.6	2.4	1.2	0.0
75°	11.0	8.4	5.9	4.3	2.9	1.4	0.0
72.5°	13.6	10.5	7.5	5.0	3.4	1.7	0.0
70°	16.0	12.5	9.1	5.8	3.8	1.9	0.0
67.5°	18.5	14.5	10.7	7.0	4.3	2.1	0.0
65°	21.0	16.6	12.2	8.1	4.7	2.4	0.0
62.5°	23.5	18.7	13.7	9.2	5.2	2.6	0.0
60°	25.9	20.7	15.2	10.3	5.6	2.8	0.0
57.5°	28.9	22.8	16.8	11.3	6.3	3.0	0.0
55°	32.0	24.8	18.5	12.3	7.0	3.2	0.0
52.5°	35.0	26.8	20.1	13.3	7.7	3.4	0.0
50°	37.9	29.2	21.6	14.3	8.3	3.6	0.0
47.5°	40.7	31.6	23.2	15.2	8.9	3.8	0.0
45°	44.0	33.8	24.6	16.3	9.6	4.0	0.0
42.5°	47.0	35.9	26.1	17.4	10.1	4.1	0.0
40°	49.9	38.0	27.6	18.5	10.7	4.3	0.0
37.5°	52.7	39.9	29.1	19.4	11.3	4.4	0.0
35°	55.2	42.0	30.6	20.4	11.8	4.6	0.0
32.5°	57.7	44.0	32.0	21.2	12.3	4.7	0.0
30°	60.2	45.8	33.3	22.0	12.7	4.8	0.0
27.5°	62.5	47.5	34.4	22.7	13.2	5.0	0.0
25°	64.6	49.1	35.4	23.4	13.6	5.1	0.0
22.5°	66.6	50.5	36.3	23.9	14.0	5.2	0.0
20°	68.3	51.6	37.1	24.4	14.3	5.3	0.0
17.5°	69.9	52.7	37.8	24.9	14.6	5.3	0.0
15°	71.3	53.6	38.5	25.2	14.9	5.4	0.0
12.5°	72.5	54.3	39.0	25.5	15.1	5.5	0.0
10°	73.4	54.9	39.4	25.7	15.3	5.5	0.0
7.5°	74.2	55.3	39.7	25.9	15.5	5.6	0.0
5°	74.8	55.6	39.8	26.0	15.6	5.6	0.0
2.5°	75.1	55.7	39.9	26.0	15.7	5.6	0.0
0°	75.2	55.7	39.9	26.0	15.8	5.6	0.0
-2.5°	75.1	55.7	39.9	26.0	15.7	5.6	0.0
-5°	74.8	55.6	39.8	26.0	15.6	5.6	0.0
-7.5°	74.2	55.3	39.7	25.9	15.5	5.6	0.0
-10°	73.4	54.9	39.4	25.7	15.3	5.5	0.0
-12.5°	72.5	54.3	39.0	25.5	15.1	5.5	0.0
-15°	71.3	53.6	38.5	25.2	14.9	5.4	0.0
-17.5°	69.9	52.7	37.8	24.9	14.6	5.3	0.0
-20°	68.3	51.6	37.1	24.4	14.3	5.3	0.0



REPORT NUMBER: P558684 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.6	50.5	36.3	23.9	14.0	5.2	0.0
-25°	64.6	49.1	35.4	23.4	13.6	5.1	0.0
-27.5°	62.5	47.5	34.4	22.7	13.2	5.0	0.0
-30°	60.2	45.8	33.3	22.0	12.7	4.8	0.0
-32.5°	57.7	44.0	32.0	21.2	12.3	4.7	0.0
-35°	55.2	42.0	30.6	20.4	11.8	4.6	0.0
-37.5°	52.7	39.9	29.1	19.4	11.3	4.4	0.0
-40°	49.9	38.0	27.6	18.5	10.7	4.3	0.0
-42.5°	47.0	35.9	26.1	17.4	10.1	4.1	0.0
-45°	44.0	33.8	24.6	16.3	9.6	4.0	0.0
-47.5°	40.7	31.6	23.2	15.2	8.9	3.8	0.0
-50°	37.9	29.2	21.6	14.3	8.3	3.6	0.0
-52.5°	35.0	26.8	20.1	13.3	7.7	3.4	0.0
-55°	32.0	24.8	18.5	12.3	7.0	3.2	0.0
-57.5°	28.9	22.8	16.8	11.3	6.3	3.0	0.0
-60°	25.9	20.7	15.2	10.3	5.6	2.8	0.0
-62.5°	23.5	18.7	13.7	9.2	5.2	2.6	0.0
-65°	21.0	16.6	12.2	8.1	4.7	2.4	0.0
-67.5°	18.5	14.5	10.7	7.0	4.3	2.1	0.0
-70°	16.0	12.5	9.1	5.8	3.8	1.9	0.0
-72.5°	13.6	10.5	7.5	5.0	3.4	1.7	0.0
-75°	11.0	8.4	5.9	4.3	2.9	1.4	0.0
-77.5°	8.5	6.3	4.8	3.6	2.4	1.2	0.0
-80°	5.9	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)