

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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-AMB-U-WAF-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1B-AMB-U-WAF-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

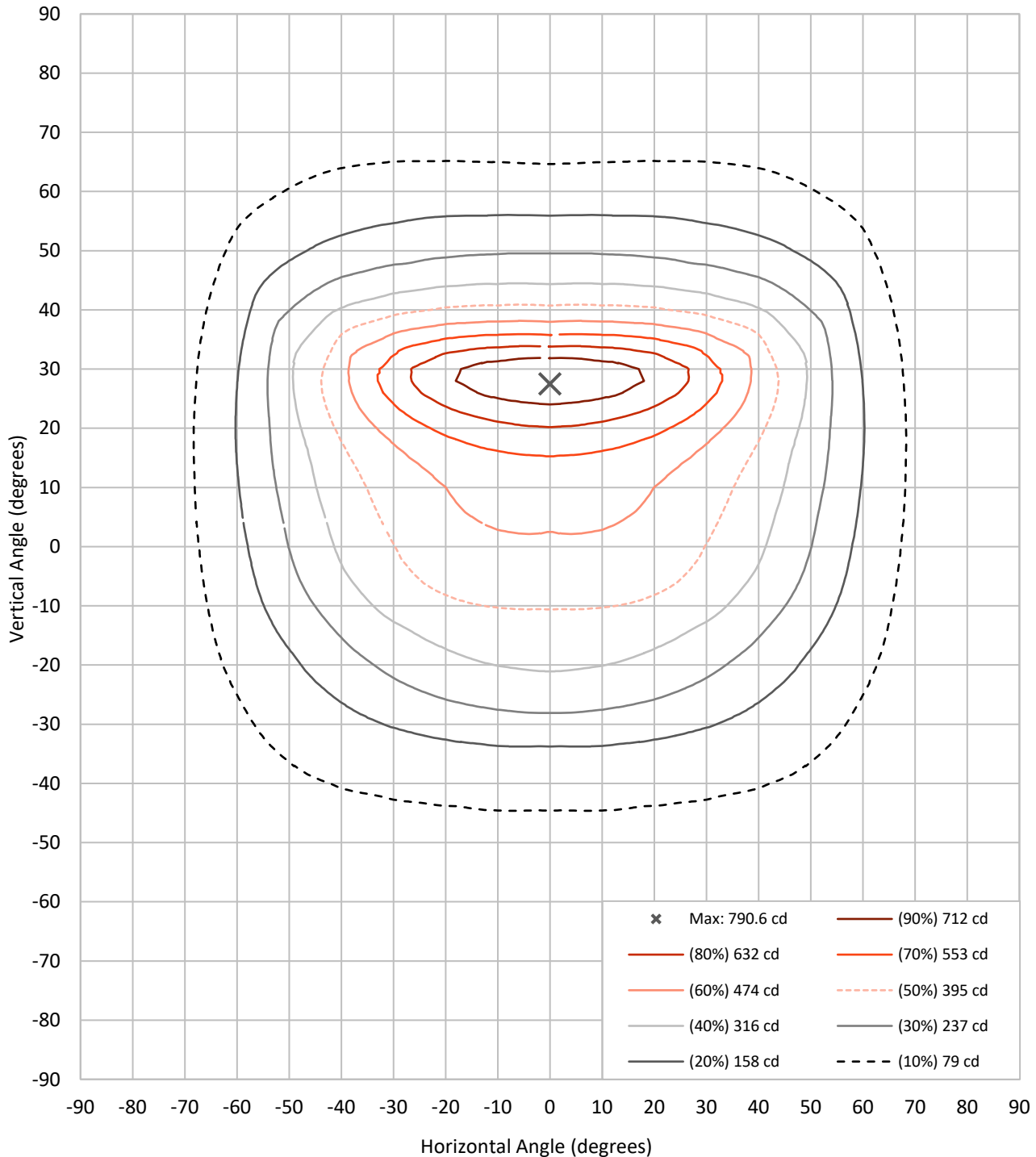
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	1101.3 lumens	Max Intensity:	790.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	47.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	87.9°H x 51.3°V	Field Angle (10%):	135.6°H x 109.1°V
Beam Lumens:	525.1 lumens	Field Lumens:	1013.8 lumens
Beam Efficiency:	47.7%	Field Efficiency:	92.1%
Input Watts (W):	23.3		
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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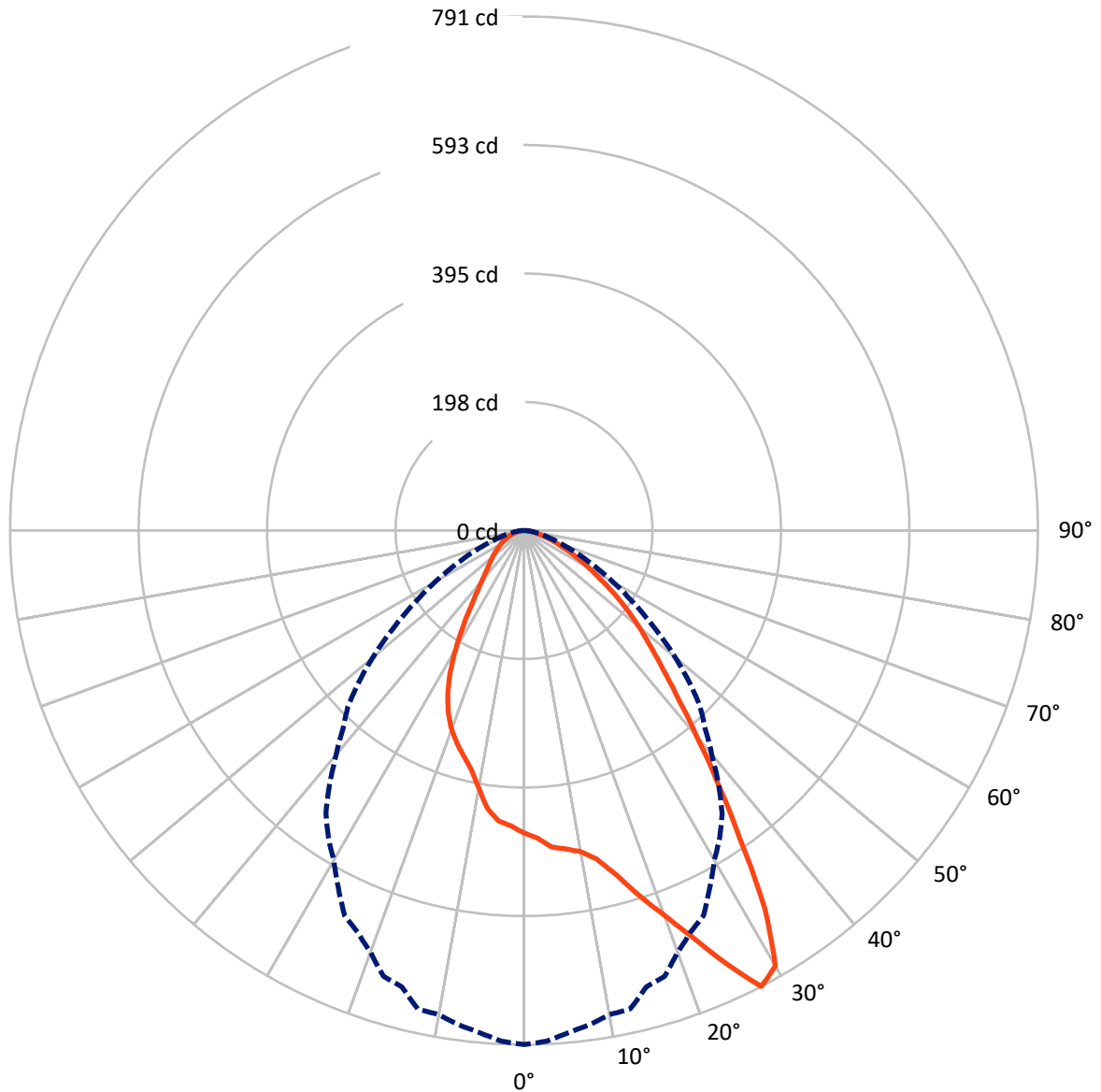
### Iso-Candela Plot





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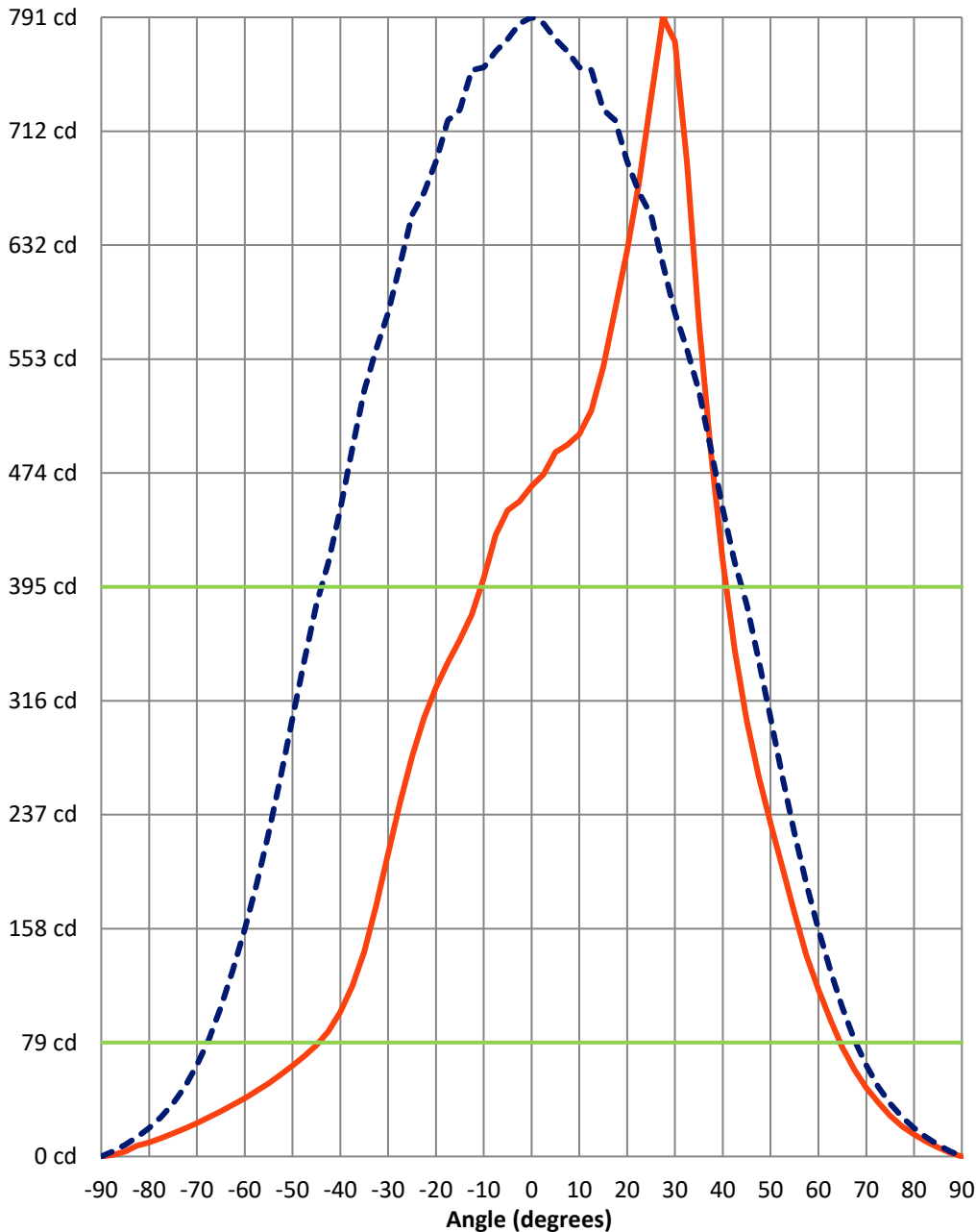
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 87.9°  
 V Angle: 51.3°  
 Lumens: 525.1  
 Efficiency: 47.7%

**Field:**  
 H Angle: 135.6°  
 V Angle: 109.1°  
 Lumens: 1013.8  
 Efficiency: 92.1%

**Spill:**  
 Lumens: 87.5  
 Efficiency: 7.9%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 27.5-Deg



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 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

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	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.1	6.0
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.4	6.6	7.8	8.9
77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.0	7.4	8.9	10.4	12.1
75°	0.0	1.1	2.1	3.2	4.3	5.9	7.7	9.4	11.2	13.5	15.9
72.5°	0.0	1.2	2.5	3.7	5.3	7.2	9.3	11.5	14.1	16.8	19.6
70°	0.0	1.4	2.8	4.2	6.3	8.5	11.0	13.9	16.9	20.0	23.6
67.5°	0.0	1.6	3.1	4.9	7.3	9.8	12.9	16.2	19.6	23.6	27.6
65°	0.0	1.7	3.5	5.6	8.2	11.1	14.7	18.5	22.6	27.0	31.8
62.5°	0.0	1.9	3.8	6.3	9.2	12.6	16.5	20.9	25.5	30.5	36.6
60°	0.0	2.0	4.1	7.0	10.1	13.9	18.2	23.3	28.4	34.6	41.2
57.5°	0.0	2.2	4.5	7.6	11.1	15.3	20.1	25.6	31.6	38.5	46.5
55°	0.0	2.4	4.9	8.2	12.0	16.5	21.8	27.8	34.9	42.5	51.8
52.5°	0.0	2.5	5.3	8.8	13.0	17.7	23.5	30.3	38.1	46.9	56.9
50°	0.0	2.6	5.6	9.4	13.8	19.0	25.1	32.7	41.3	51.1	62.7
47.5°	0.0	2.8	6.0	9.9	14.7	20.2	26.6	34.9	44.7	55.0	68.3
45°	0.0	2.9	6.3	10.5	15.4	21.3	28.3	36.9	47.6	59.6	73.5
42.5°	0.0	3.0	6.6	11.0	16.2	22.4	29.9	39.0	50.2	63.8	79.2
40°	0.0	3.1	6.9	11.5	16.9	23.3	31.3	41.1	52.7	67.6	84.6
37.5°	0.0	3.3	7.2	12.0	17.6	24.2	32.6	42.9	55.5	70.9	89.3
35°	0.0	3.4	7.5	12.4	18.2	25.1	33.8	44.5	58.0	74.3	93.7
32.5°	0.0	3.5	7.7	12.8	18.8	25.9	34.8	45.8	60.1	77.1	97.7
30°	0.0	3.6	7.9	13.2	19.3	26.7	35.8	47.0	61.8	79.4	101.0
27.5°	0.0	3.6	8.1	13.5	19.7	27.3	36.7	48.4	63.4	81.2	103.4
25°	0.0	3.7	8.3	13.7	20.2	27.9	37.4	49.5	64.8	82.8	105.2
22.5°	0.0	3.8	8.4	14.0	20.5	28.3	37.9	50.4	65.8	84.2	106.7
20°	0.0	3.9	8.6	14.2	20.8	28.8	38.3	51.0	66.3	84.9	107.5
17.5°	0.0	3.9	8.7	14.4	21.1	29.1	38.6	51.3	66.5	85.1	107.7
15°	0.0	4.0	8.8	14.5	21.2	29.4	38.9	51.5	66.3	84.8	107.1
12.5°	0.0	4.0	8.8	14.6	21.4	29.5	39.1	51.5	66.1	83.9	105.9
10°	0.0	4.0	8.9	14.6	21.4	29.6	39.1	51.3	65.7	83.3	104.3
7.5°	0.0	4.1	8.9	14.6	21.5	29.6	39.0	50.9	65.1	82.4	102.6
5°	0.0	4.1	8.9	14.6	21.4	29.5	38.8	50.3	64.3	81.1	100.3
2.5°	0.0	4.1	8.9	14.6	21.3	29.3	38.4	49.5	63.2	79.4	97.5
0°	0.0	4.1	8.9	14.5	21.2	29.1	38.0	48.5	61.9	77.5	94.3
-2.5°	0.0	4.1	8.9	14.4	21.1	28.8	37.5	47.7	60.6	75.6	91.8
-5°	0.0	4.1	8.8	14.3	20.9	28.4	36.9	46.8	59.2	73.5	88.9
-7.5°	0.0	4.1	8.8	14.2	20.6	27.9	36.2	45.8	57.5	71.1	85.8
-10°	0.0	4.0	8.7	14.1	20.3	27.4	35.4	44.6	55.7	68.5	82.5
-12.5°	0.0	4.0	8.6	13.9	20.0	26.8	34.6	43.4	53.8	65.8	79.1
-15°	0.0	4.0	8.5	13.7	19.6	26.2	33.6	42.0	51.9	63.3	75.7
-17.5°	0.0	3.9	8.4	13.4	19.2	25.5	32.6	40.7	50.1	60.6	72.1
-20°	0.0	3.9	8.2	13.2	18.7	24.7	31.6	39.3	48.1	57.9	68.4



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 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.8	8.1	12.9	18.2	24.0	30.5	37.9	46.0	55.1	64.6
-25°	0.0	3.7	7.9	12.5	17.7	23.2	29.4	36.3	43.9	52.3	60.8
-27.5°	0.0	3.6	7.7	12.2	17.1	22.4	28.3	34.7	41.7	49.5	57.3
-30°	0.0	3.6	7.5	11.8	16.6	21.6	27.1	33.1	39.7	46.8	53.9
-32.5°	0.0	3.5	7.3	11.4	15.9	20.7	25.9	31.5	37.7	44.1	50.5
-35°	0.0	3.4	7.1	11.0	15.3	19.8	24.7	30.0	35.6	41.4	47.2
-37.5°	0.0	3.3	6.8	10.6	14.7	18.9	23.6	28.4	33.5	38.8	44.2
-40°	0.0	3.1	6.5	10.1	14.0	18.1	22.4	26.8	31.3	36.2	41.4
-42.5°	0.0	3.0	6.3	9.7	13.3	17.2	21.1	25.2	29.4	33.9	38.5
-45°	0.0	2.9	6.0	9.2	12.6	16.3	19.9	23.7	27.5	31.5	35.7
-47.5°	0.0	2.8	5.7	8.7	12.0	15.3	18.6	22.2	25.7	29.2	33.1
-50°	0.0	2.6	5.4	8.2	11.3	14.4	17.4	20.6	23.9	27.2	30.5
-52.5°	0.0	2.5	5.1	7.7	10.5	13.4	16.3	19.0	22.1	25.1	28.0
-55°	0.0	2.4	4.8	7.2	9.8	12.5	15.1	17.5	20.4	23.1	25.7
-57.5°	0.0	2.2	4.4	6.8	9.0	11.5	14.0	16.2	18.6	21.1	23.5
-60°	0.0	2.0	4.1	6.2	8.3	10.6	12.8	14.9	16.9	19.2	21.3
-62.5°	0.0	1.9	3.8	5.7	7.6	9.6	11.6	13.6	15.5	17.3	19.2
-65°	0.0	1.7	3.5	5.2	6.9	8.6	10.4	12.2	14.0	15.6	17.2
-67.5°	0.0	1.6	3.1	4.7	6.2	7.7	9.2	10.9	12.5	13.9	15.3
-70°	0.0	1.4	2.8	4.1	5.5	6.8	8.0	9.5	11.0	12.2	13.5
-72.5°	0.0	1.2	2.5	3.6	4.8	5.9	7.0	8.2	9.5	10.6	11.6
-75°	0.0	1.1	2.1	3.1	4.0	5.0	5.9	6.9	7.9	9.0	9.9
-77.5°	0.0	0.9	1.8	2.6	3.4	4.1	4.9	5.7	6.6	7.4	8.2
-80°	0.0	0.7	1.4	2.1	2.7	3.3	3.8	4.5	5.2	5.8	6.5
-82.5°	0.0	0.5	1.1	1.6	2.0	2.5	2.9	3.3	3.8	4.3	4.8
-85°	0.0	0.4	0.7	1.0	1.4	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.4	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.6
-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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	1.8	2.0	2.0	2.1	2.3	2.4	2.5	2.6	2.6	2.6	2.5
85°	3.7	3.9	4.3	4.7	5.2	5.6	6.0	6.3	6.3	6.3	6.1
82.5°	6.7	7.4	8.1	8.8	9.4	10.0	10.5	10.9	11.0	10.9	10.9
80°	10.0	11.0	12.1	13.2	14.1	14.8	15.4	15.9	16.2	16.4	16.7
77.5°	13.8	15.3	16.7	17.9	18.9	20.1	21.2	22.3	22.9	23.3	23.4
75°	17.9	19.6	21.5	23.2	24.8	26.3	27.8	29.4	30.4	31.0	31.5
72.5°	22.3	24.6	26.7	28.7	31.1	33.3	35.3	37.0	38.6	39.8	40.6
70°	26.9	29.5	32.5	35.4	38.1	40.8	43.6	46.1	48.1	49.5	50.7
67.5°	31.7	35.5	39.0	42.4	46.2	49.6	52.7	56.1	59.0	60.7	62.0
65°	37.4	41.6	46.2	50.8	54.8	59.3	63.4	67.1	70.8	73.3	75.2
62.5°	42.9	48.8	54.3	59.6	64.8	69.7	74.9	79.6	83.6	87.1	89.6
60°	49.3	56.5	63.1	69.6	75.5	81.6	87.4	93.2	98.1	101.8	105.5
57.5°	55.7	65.0	72.9	80.6	87.9	94.1	101.8	108.1	114.0	118.6	123.0
55°	62.3	74.4	83.7	93.1	101.4	109.3	117.3	125.2	131.4	137.4	142.7
52.5°	69.5	83.5	96.1	106.6	116.7	125.8	134.8	143.9	152.1	158.5	164.4
50°	76.2	93.2	108.9	121.6	133.3	144.3	154.1	165.0	175.1	182.9	188.6
47.5°	83.8	102.2	123.3	137.4	151.7	164.7	176.4	189.5	201.0	211.4	218.0
45°	91.1	111.5	134.6	155.4	171.5	186.8	201.9	216.3	231.6	243.3	252.6
42.5°	97.8	120.3	146.0	173.7	192.9	210.9	228.4	247.1	265.0	280.2	292.0
40°	104.8	128.2	156.4	188.7	215.1	235.9	256.4	277.7	303.1	322.0	336.5
37.5°	111.2	136.4	165.7	199.8	238.4	261.0	283.6	308.3	337.9	367.9	386.9
35°	116.7	143.5	174.1	209.2	249.2	285.6	309.6	336.0	368.4	410.5	438.4
32.5°	121.9	149.2	180.8	216.7	256.7	300.5	333.1	359.1	392.1	435.4	488.1
30°	126.2	154.1	185.7	221.7	261.4	303.8	347.2	376.0	407.6	448.0	495.5
27.5°	129.2	157.6	189.0	224.3	263.0	304.1	344.5	383.0	412.3	449.2	491.2
25°	131.3	159.8	190.3	224.3	261.4	300.2	338.9	375.3	407.3	438.8	474.8
22.5°	132.7	161.0	191.4	222.1	257.2	293.7	330.0	364.2	395.1	423.0	453.0
20°	133.3	161.4	191.3	221.7	251.7	285.1	319.6	351.9	381.6	408.3	431.5
17.5°	133.1	160.8	190.2	220.0	249.5	278.1	307.5	338.7	367.5	393.7	416.7
15°	132.0	159.3	188.2	217.4	246.2	274.3	301.1	326.2	352.6	379.0	402.3
12.5°	130.1	156.9	185.2	213.8	242.1	269.4	295.8	320.6	343.9	365.6	387.6
10°	127.5	153.6	181.3	209.2	236.9	263.6	289.6	314.3	337.3	358.6	378.4
7.5°	125.2	150.3	176.7	203.7	230.8	256.8	282.5	307.2	329.9	350.7	370.6
5°	122.7	147.1	172.5	198.9	225.3	250.2	275.2	299.2	321.5	341.9	361.9
2.5°	119.5	143.2	167.5	193.6	219.9	244.9	269.7	293.0	314.6	334.5	354.0
0°	115.9	138.7	161.8	187.5	213.6	238.6	263.2	285.9	307.1	327.3	346.3
-2.5°	112.3	134.0	156.5	181.0	205.9	230.3	254.5	277.4	298.1	318.5	337.2
-5°	108.2	128.8	150.6	173.8	197.4	221.1	244.8	267.8	287.5	307.2	325.0
-7.5°	103.8	123.2	144.0	165.8	187.8	209.9	232.1	253.5	272.6	291.6	309.2
-10°	99.1	117.2	136.6	156.6	176.9	197.2	218.0	238.3	256.8	274.9	292.3
-12.5°	94.5	111.1	128.7	147.0	165.5	184.1	203.1	222.3	240.1	257.2	274.3
-15°	89.6	104.7	120.6	137.1	153.8	170.7	187.6	205.6	223.0	239.8	256.2
-17.5°	84.7	98.2	112.4	127.1	141.8	157.0	172.0	190.0	206.5	222.1	237.1
-20°	79.7	91.7	104.1	117.0	129.7	144.6	159.1	174.6	189.5	203.7	217.5



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	74.7	85.2	96.0	107.3	120.1	133.4	146.3	159.2	172.2	184.7	198.1
-25°	70.0	79.2	88.5	99.6	110.9	122.2	133.5	144.3	155.3	167.1	178.7
-27.5°	65.4	73.4	82.4	92.0	101.7	111.4	121.2	130.4	140.3	150.2	159.5
-30°	60.9	68.6	76.4	84.8	93.2	101.4	109.4	117.5	125.9	134.2	141.8
-32.5°	56.8	63.9	70.9	78.1	85.2	91.7	98.8	105.8	112.4	118.8	124.9
-35°	53.1	59.5	65.7	71.6	77.5	83.2	89.3	94.8	99.6	104.6	109.9
-37.5°	49.7	55.1	60.5	65.6	70.6	75.8	80.3	84.9	88.5	91.8	96.3
-40°	46.3	50.8	55.8	60.1	64.3	68.8	72.6	75.8	78.6	81.9	84.4
-42.5°	43.0	47.1	51.2	55.0	58.8	62.3	65.4	68.0	70.5	73.0	74.9
-45°	39.8	43.5	46.8	50.4	53.6	56.4	58.9	60.8	63.4	65.2	66.6
-47.5°	36.7	40.1	43.1	46.0	48.9	51.2	53.0	55.1	57.0	58.6	59.3
-50°	33.7	36.8	39.5	42.2	44.5	46.4	47.9	49.8	51.5	52.6	53.2
-52.5°	31.0	33.6	36.2	38.5	40.5	42.1	43.5	45.1	46.5	47.4	48.4
-55°	28.3	30.7	33.0	35.1	36.8	38.3	39.7	40.9	41.8	42.7	43.9
-57.5°	25.7	27.9	30.0	31.8	33.4	34.6	36.0	37.0	37.9	38.5	39.6
-60°	23.3	25.2	27.1	28.7	30.1	31.4	32.5	33.5	34.2	34.8	35.7
-62.5°	20.9	22.7	24.3	25.8	27.0	28.1	29.2	30.1	30.8	31.4	32.0
-65°	18.8	20.2	21.6	22.9	24.1	25.1	26.0	26.7	27.4	28.0	28.5
-67.5°	16.6	17.9	19.0	20.1	21.2	22.1	22.8	23.5	24.1	24.7	25.2
-70°	14.6	15.6	16.6	17.5	18.4	19.3	20.0	20.5	20.9	21.3	21.8
-72.5°	12.6	13.6	14.3	15.0	15.7	16.4	17.1	17.7	18.1	18.4	18.7
-75°	10.7	11.5	12.2	12.8	13.3	13.7	14.0	14.5	15.0	15.4	15.6
-77.5°	8.9	9.5	10.1	10.6	11.0	11.3	11.5	11.7	12.0	12.3	12.5
-80°	7.0	7.4	7.9	8.3	8.6	8.9	9.0	9.2	9.3	9.5	9.7
-82.5°	5.2	5.6	5.9	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.0
-85°	3.4	3.7	4.0	4.2	4.3	4.5	4.5	4.6	4.5	4.5	4.4
-87.5°	1.7	1.8	2.0	2.1	2.2	2.3	2.3	2.4	2.3	2.1	2.0
-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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.2
85°	5.9	6.0	6.1	6.2	6.3	6.2	6.2	6.1	6.0	6.1	6.2
82.5°	10.7	10.9	11.0	11.0	10.9	10.8	10.7	10.5	10.4	10.4	10.4
80°	16.8	16.8	16.8	16.6	16.3	16.2	16.0	15.7	15.3	15.4	15.5
77.5°	23.5	23.7	23.7	23.5	23.2	22.9	22.6	22.2	21.7	21.7	21.7
75°	31.8	32.0	32.0	31.8	31.4	31.1	30.7	30.2	29.5	29.4	29.3
72.5°	41.1	41.3	41.4	41.3	41.1	40.8	40.3	39.6	38.7	38.4	38.2
70°	51.5	51.9	52.2	52.3	52.3	52.1	51.6	50.9	50.0	49.5	49.0
67.5°	63.2	64.1	64.8	65.0	65.1	64.9	64.7	64.3	63.5	62.9	62.5
65°	76.6	77.8	78.8	79.3	79.3	79.4	79.6	79.4	78.8	78.3	78.2
62.5°	91.4	93.2	95.0	96.0	96.3	96.2	97.1	97.4	97.1	96.7	96.8
60°	108.6	111.2	113.3	114.9	116.1	116.9	118.0	118.3	117.6	116.5	116.8
57.5°	127.3	130.2	132.5	135.6	138.1	139.9	141.1	141.5	141.2	140.5	141.1
55°	147.6	151.5	154.1	158.2	161.8	164.4	166.1	167.5	168.3	168.4	169.8
52.5°	170.0	175.4	178.8	182.7	187.2	190.4	192.5	195.2	197.0	197.7	199.4
50°	196.3	202.2	206.4	209.2	215.1	219.4	221.6	224.9	227.4	228.3	229.7
47.5°	225.6	232.4	238.1	240.9	247.2	252.9	255.5	258.1	261.3	262.1	263.0
45°	258.4	268.4	275.3	280.5	285.3	292.4	296.0	297.4	301.8	303.3	303.5
42.5°	299.7	310.2	319.9	327.4	331.1	339.6	345.7	346.9	351.9	353.8	352.1
40°	348.9	358.3	373.2	382.6	389.0	396.4	405.6	408.8	412.0	414.9	413.5
37.5°	401.9	416.7	434.4	447.9	457.3	464.6	476.0	481.0	482.2	490.1	490.1
35°	456.2	474.5	501.5	519.1	531.0	543.7	556.7	567.2	574.3	580.7	581.9
32.5°	502.7	522.8	553.6	587.3	601.9	617.2	643.7	651.6	665.5	674.3	678.4
30°	537.9	552.9	581.6	626.8	646.9	663.3	694.3	709.0	723.5	745.2	747.2
27.5°	531.4	560.2	585.4	619.0	653.3	668.8	690.5	718.9	726.6	753.9	755.9
25°	510.4	540.5	563.9	591.0	617.4	636.7	655.9	674.6	688.0	701.0	712.2
22.5°	483.7	510.5	533.1	555.4	576.7	595.0	611.1	626.0	638.6	649.1	658.9
20°	456.1	481.5	503.4	521.9	539.2	556.4	570.9	583.5	594.4	604.1	611.3
17.5°	436.2	453.3	475.2	493.8	508.8	521.8	535.8	546.7	556.3	565.2	571.1
15°	422.0	438.4	452.1	468.2	484.2	496.3	505.3	516.5	524.7	532.0	537.5
12.5°	408.1	425.7	440.6	452.9	463.1	477.1	487.1	493.8	502.4	507.1	512.4
10°	396.6	413.6	430.0	443.7	455.1	465.0	474.2	483.1	489.3	494.3	497.5
7.5°	388.7	405.4	420.9	434.9	447.3	458.4	468.0	475.9	482.8	487.2	490.2
5°	379.9	396.6	411.9	425.8	437.8	449.8	460.8	469.3	475.1	480.2	484.3
2.5°	371.2	387.8	402.4	415.8	427.1	438.6	448.6	456.6	463.7	468.7	472.7
0°	362.7	380.2	393.6	406.7	417.8	428.7	438.0	445.8	452.5	458.1	461.5
-2.5°	354.4	371.1	385.9	399.3	410.7	421.3	430.4	438.6	445.4	450.7	454.9
-5°	342.0	358.1	373.1	386.6	399.1	410.3	420.4	429.1	434.9	440.3	444.5
-7.5°	326.3	342.7	358.1	372.1	384.4	393.5	401.6	410.0	417.7	422.1	426.5
-10°	309.2	325.5	339.5	351.1	361.0	369.8	378.0	385.8	391.2	396.1	398.2
-12.5°	290.4	305.4	318.0	327.7	336.6	347.0	355.0	360.3	366.7	370.0	373.9
-15°	270.8	284.5	295.8	306.3	317.3	326.5	333.1	340.5	345.7	350.8	353.9
-17.5°	250.7	263.1	276.2	287.9	298.0	306.7	314.9	321.6	327.7	332.6	336.4
-20°	230.8	243.6	256.1	267.5	277.6	287.1	295.1	302.1	308.7	313.5	317.4



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	210.9	222.9	234.5	245.3	255.4	264.8	272.8	279.8	286.0	291.4	295.2
-25°	190.1	201.2	211.4	220.8	229.8	239.4	246.9	253.5	259.4	264.8	268.8
-27.5°	169.1	178.6	187.3	195.3	202.8	210.5	217.8	223.7	229.5	233.4	238.2
-30°	148.6	156.5	163.5	169.4	176.2	182.3	187.5	192.8	197.7	201.7	205.6
-32.5°	131.1	136.0	140.9	145.7	150.8	155.3	158.6	163.0	165.2	168.4	171.9
-35°	114.7	118.4	120.6	125.1	128.3	130.9	133.9	136.7	137.0	140.4	142.0
-37.5°	99.6	102.3	105.0	107.2	109.2	110.5	113.4	114.8	115.1	117.4	118.2
-40°	86.7	87.7	91.3	92.9	93.5	94.7	96.9	97.4	98.4	99.7	99.6
-42.5°	75.9	77.7	79.5	81.0	81.3	83.0	84.1	84.1	85.8	86.8	86.9
-45°	67.3	69.3	70.7	71.5	72.3	73.7	74.4	74.7	76.0	76.9	77.3
-47.5°	60.6	62.1	63.3	63.9	65.1	66.2	66.7	67.4	68.5	69.1	69.5
-50°	54.7	55.9	56.9	57.6	58.8	59.7	60.2	61.1	62.0	62.6	62.9
-52.5°	49.6	50.7	51.4	52.1	53.2	54.0	54.5	55.5	56.2	56.7	56.9
-55°	45.1	46.0	46.7	47.4	48.1	48.7	49.3	50.1	50.7	51.2	51.3
-57.5°	40.7	41.6	42.4	43.0	43.5	43.9	44.4	45.0	45.5	45.9	45.9
-60°	36.5	37.2	37.9	38.5	39.0	39.3	39.8	40.3	40.6	40.8	40.9
-62.5°	32.6	33.1	33.7	34.2	34.5	34.8	35.3	35.7	35.9	36.1	36.1
-65°	28.9	29.2	29.7	30.1	30.4	30.6	31.0	31.3	31.5	31.6	31.6
-67.5°	25.6	25.8	26.0	26.3	26.5	26.8	27.1	27.3	27.5	27.6	27.6
-70°	22.2	22.5	22.7	22.8	22.8	23.0	23.2	23.4	23.5	23.6	23.6
-72.5°	18.9	19.1	19.2	19.3	19.3	19.4	19.5	19.6	19.7	19.7	19.6
-75°	15.8	15.9	16.0	16.1	16.1	16.1	16.2	16.2	16.1	16.1	16.1
-77.5°	12.7	12.8	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.8
-80°	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
-82.5°	7.1	7.2	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5
-85°	4.4	4.4	4.4	4.3	4.3	4.2	4.1	4.0	3.9	3.8	3.7
-87.5°	1.8	1.8	1.8	1.8	1.7	1.6	1.4	1.2	1.1	1.1	1.1
-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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	2.2	2.2	2.4	2.6	2.4	2.2	2.2	2.2	2.1	2.1	2.2
85°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0	6.1
82.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.5
80°	15.6	15.6	15.5	15.3	15.5	15.6	15.6	15.5	15.4	15.3	15.7
77.5°	21.6	21.5	21.2	20.9	21.2	21.5	21.6	21.7	21.7	21.7	22.2
75°	29.2	29.0	28.7	28.3	28.7	29.0	29.2	29.3	29.4	29.5	30.2
72.5°	37.9	37.4	37.5	37.6	37.5	37.4	37.9	38.2	38.4	38.7	39.6
70°	48.4	47.5	47.6	47.7	47.6	47.5	48.4	49.0	49.5	50.0	50.9
67.5°	61.7	60.6	60.5	60.4	60.5	60.6	61.7	62.5	62.9	63.5	64.3
65°	77.8	77.1	76.5	75.7	76.5	77.1	77.8	78.2	78.3	78.8	79.4
62.5°	96.3	95.4	95.2	95.0	95.2	95.4	96.3	96.8	96.7	97.1	97.4
60°	116.6	115.8	115.9	115.9	115.9	115.8	116.6	116.8	116.5	117.6	118.3
57.5°	140.8	139.7	139.5	139.4	139.5	139.7	140.8	141.1	140.5	141.2	141.5
55°	170.5	170.5	170.0	168.9	170.0	170.5	170.5	169.8	168.4	168.3	167.5
52.5°	200.8	201.2	201.1	200.2	201.1	201.2	200.8	199.4	197.7	197.0	195.2
50°	231.1	231.2	231.3	231.1	231.3	231.2	231.1	229.7	228.3	227.4	224.9
47.5°	264.9	265.3	265.0	263.9	265.0	265.3	264.9	263.0	262.1	261.3	258.1
45°	305.6	305.4	304.2	302.7	304.2	305.4	305.6	303.5	303.3	301.8	297.4
42.5°	354.7	354.6	353.1	351.5	353.1	354.6	354.7	352.1	353.8	351.9	346.9
40°	417.3	418.4	416.6	413.4	416.6	418.4	417.3	413.5	414.9	412.0	408.8
37.5°	492.9	494.5	492.3	489.0	492.3	494.5	492.9	490.1	490.1	482.2	481.0
35°	584.4	587.7	585.1	579.2	585.1	587.7	584.4	581.9	580.7	574.3	567.2
32.5°	685.1	691.2	691.2	689.9	691.2	691.2	685.1	678.4	674.3	665.5	651.6
30°	758.8	766.9	772.9	773.4	772.9	766.9	758.8	747.2	745.2	723.5	709.0
27.5°	766.9	775.4	786.3	790.6	786.3	775.4	766.9	755.9	753.9	726.6	718.9
25°	720.4	725.1	730.7	734.3	730.7	725.1	720.4	712.2	701.0	688.0	674.6
22.5°	664.8	670.1	673.2	676.5	673.2	670.1	664.8	658.9	649.1	638.6	626.0
20°	618.0	624.9	626.5	628.8	626.5	624.9	618.0	611.3	604.1	594.4	583.5
17.5°	577.5	582.1	583.8	588.2	583.8	582.1	577.5	571.1	565.2	556.3	546.7
15°	542.4	544.9	546.2	547.9	546.2	544.9	542.4	537.5	532.0	524.7	516.5
12.5°	515.1	517.5	517.4	517.7	517.4	517.5	515.1	512.4	507.1	502.4	493.8
10°	499.3	501.3	502.0	501.3	502.0	501.3	499.3	497.5	494.3	489.3	483.1
7.5°	492.6	492.9	493.9	493.9	493.9	492.9	492.6	490.2	487.2	482.8	475.9
5°	486.3	487.5	486.5	488.7	486.5	487.5	486.3	484.3	480.2	475.1	469.3
2.5°	474.8	476.1	475.3	473.4	475.3	476.1	474.8	472.7	468.7	463.7	456.6
0°	463.3	465.6	467.0	465.2	467.0	465.6	463.3	461.5	458.1	452.5	445.8
-2.5°	456.9	458.5	458.2	454.7	458.2	458.5	456.9	454.9	450.7	445.4	438.6
-5°	447.5	448.0	447.9	448.4	447.9	448.0	447.5	444.5	440.3	434.9	429.1
-7.5°	428.1	428.8	429.6	431.3	429.6	428.8	428.1	426.5	422.1	417.7	410.0
-10°	400.1	401.6	400.6	401.4	400.6	401.6	400.1	398.2	396.1	391.2	385.8
-12.5°	375.6	376.7	375.7	376.1	375.7	376.7	375.6	373.9	370.0	366.7	360.3
-15°	356.6	357.7	357.9	358.6	357.9	357.7	356.6	353.9	350.8	345.7	340.5
-17.5°	338.7	340.8	342.3	342.9	342.3	340.8	338.7	336.4	332.6	327.7	321.6
-20°	320.2	322.8	325.0	325.4	325.0	322.8	320.2	317.4	313.5	308.7	302.1



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	298.5	301.1	303.5	304.2	303.5	301.1	298.5	295.2	291.4	286.0	279.8
-25°	272.1	275.3	277.3	277.3	277.3	275.3	272.1	268.8	264.8	259.4	253.5
-27.5°	241.1	244.2	245.5	245.6	245.5	244.2	241.1	238.2	233.4	229.5	223.7
-30°	207.8	210.3	210.3	210.2	210.3	210.3	207.8	205.6	201.7	197.7	192.8
-32.5°	173.8	175.1	174.3	174.1	174.3	175.1	173.8	171.9	168.4	165.2	163.0
-35°	142.5	142.4	141.3	142.0	141.3	142.4	142.5	142.0	140.4	137.0	136.7
-37.5°	119.0	118.7	117.7	118.2	117.7	118.7	119.0	118.2	117.4	115.1	114.8
-40°	100.3	100.4	100.2	100.3	100.2	100.4	100.3	99.6	99.7	98.4	97.4
-42.5°	87.2	87.1	86.9	86.8	86.9	87.1	87.2	86.9	86.8	85.8	84.1
-45°	77.5	77.2	77.0	77.2	77.0	77.2	77.5	77.3	76.9	76.0	74.7
-47.5°	69.8	69.9	69.8	69.7	69.8	69.9	69.8	69.5	69.1	68.5	67.4
-50°	63.0	62.9	62.9	63.0	62.9	62.9	63.0	62.9	62.6	62.0	61.1
-52.5°	57.0	56.9	56.8	56.7	56.8	56.9	57.0	56.9	56.7	56.2	55.5
-55°	51.3	51.0	50.9	50.7	50.9	51.0	51.3	51.3	51.2	50.7	50.1
-57.5°	45.9	45.7	45.6	45.5	45.6	45.7	45.9	45.9	45.9	45.5	45.0
-60°	40.7	40.5	40.4	40.3	40.4	40.5	40.7	40.9	40.8	40.6	40.3
-62.5°	36.0	35.7	35.7	35.8	35.7	35.7	36.0	36.1	36.1	35.9	35.7
-65°	31.4	31.2	31.3	31.3	31.3	31.2	31.4	31.6	31.6	31.5	31.3
-67.5°	27.6	27.5	27.4	27.2	27.4	27.5	27.6	27.6	27.6	27.5	27.3
-70°	23.5	23.4	23.3	23.1	23.3	23.4	23.5	23.6	23.6	23.5	23.4
-72.5°	19.5	19.3	19.4	19.4	19.4	19.3	19.5	19.6	19.7	19.7	19.6
-75°	16.0	15.9	16.0	16.0	16.0	15.9	16.0	16.1	16.1	16.1	16.2
-77.5°	12.8	12.7	12.7	12.7	12.7	12.7	12.8	12.8	12.9	12.9	13.0
-80°	10.1	10.1	9.9	9.7	9.9	10.1	10.1	10.1	10.1	10.1	10.1
-82.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.4
-85°	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.7	3.8	3.9	4.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
-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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6
85°	6.2	6.2	6.3	6.2	6.1	6.0	5.9	6.1	6.3	6.3	6.3
82.5°	10.7	10.8	10.9	11.0	11.0	10.9	10.7	10.9	10.9	11.0	10.9
80°	16.0	16.2	16.3	16.6	16.8	16.8	16.8	16.7	16.4	16.2	15.9
77.5°	22.6	22.9	23.2	23.5	23.7	23.7	23.5	23.4	23.3	22.9	22.3
75°	30.7	31.1	31.4	31.8	32.0	32.0	31.8	31.5	31.0	30.4	29.4
72.5°	40.3	40.8	41.1	41.3	41.4	41.3	41.1	40.6	39.8	38.6	37.0
70°	51.6	52.1	52.3	52.3	52.2	51.9	51.5	50.7	49.5	48.1	46.1
67.5°	64.7	64.9	65.1	65.0	64.8	64.1	63.2	62.0	60.7	59.0	56.1
65°	79.6	79.4	79.3	79.3	78.8	77.8	76.6	75.2	73.3	70.8	67.1
62.5°	97.1	96.2	96.3	96.0	95.0	93.2	91.4	89.6	87.1	83.6	79.6
60°	118.0	116.9	116.1	114.9	113.3	111.2	108.6	105.5	101.8	98.1	93.2
57.5°	141.1	139.9	138.1	135.6	132.5	130.2	127.3	123.0	118.6	114.0	108.1
55°	166.1	164.4	161.8	158.2	154.1	151.5	147.6	142.7	137.4	131.4	125.2
52.5°	192.5	190.4	187.2	182.7	178.8	175.4	170.0	164.4	158.5	152.1	143.9
50°	221.6	219.4	215.1	209.2	206.4	202.2	196.3	188.6	182.9	175.1	165.0
47.5°	255.5	252.9	247.2	240.9	238.1	232.4	225.6	218.0	211.4	201.0	189.5
45°	296.0	292.4	285.3	280.5	275.3	268.4	258.4	252.6	243.3	231.6	216.3
42.5°	345.7	339.6	331.1	327.4	319.9	310.2	299.7	292.0	280.2	265.0	247.1
40°	405.6	396.4	389.0	382.6	373.2	358.3	348.9	336.5	322.0	303.1	277.7
37.5°	476.0	464.6	457.3	447.9	434.4	416.7	401.9	386.9	367.9	337.9	308.3
35°	556.7	543.7	531.0	519.1	501.5	474.5	456.2	438.4	410.5	368.4	336.0
32.5°	643.7	617.2	601.9	587.3	553.6	522.8	502.7	488.1	435.4	392.1	359.1
30°	694.3	663.3	646.9	626.8	581.6	552.9	537.9	495.5	448.0	407.6	376.0
27.5°	690.5	668.8	653.3	619.0	585.4	560.2	531.4	491.2	449.2	412.3	383.0
25°	655.9	636.7	617.4	591.0	563.9	540.5	510.4	474.8	438.8	407.3	375.3
22.5°	611.1	595.0	576.7	555.4	533.1	510.5	483.7	453.0	423.0	395.1	364.2
20°	570.9	556.4	539.2	521.9	503.4	481.5	456.1	431.5	408.3	381.6	351.9
17.5°	535.8	521.8	508.8	493.8	475.2	453.3	436.2	416.7	393.7	367.5	338.7
15°	505.3	496.3	484.2	468.2	452.1	438.4	422.0	402.3	379.0	352.6	326.2
12.5°	487.1	477.1	463.1	452.9	440.6	425.7	408.1	387.6	365.6	343.9	320.6
10°	474.2	465.0	455.1	443.7	430.0	413.6	396.6	378.4	358.6	337.3	314.3
7.5°	468.0	458.4	447.3	434.9	420.9	405.4	388.7	370.6	350.7	329.9	307.2
5°	460.8	449.8	437.8	425.8	411.9	396.6	379.9	361.9	341.9	321.5	299.2
2.5°	448.6	438.6	427.1	415.8	402.4	387.8	371.2	354.0	334.5	314.6	293.0
0°	438.0	428.7	417.8	406.7	393.6	380.2	362.7	346.3	327.3	307.1	285.9
-2.5°	430.4	421.3	410.7	399.3	385.9	371.1	354.4	337.2	318.5	298.1	277.4
-5°	420.4	410.3	399.1	386.6	373.1	358.1	342.0	325.0	307.2	287.5	267.8
-7.5°	401.6	393.5	384.4	372.1	358.1	342.7	326.3	309.2	291.6	272.6	253.5
-10°	378.0	369.8	361.0	351.1	339.5	325.5	309.2	292.3	274.9	256.8	238.3
-12.5°	355.0	347.0	336.6	327.7	318.0	305.4	290.4	274.3	257.2	240.1	222.3
-15°	333.1	326.5	317.3	306.3	295.8	284.5	270.8	256.2	239.8	223.0	205.6
-17.5°	314.9	306.7	298.0	287.9	276.2	263.1	250.7	237.1	222.1	206.5	190.0
-20°	295.1	287.1	277.6	267.5	256.1	243.6	230.8	217.5	203.7	189.5	174.6



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	272.8	264.8	255.4	245.3	234.5	222.9	210.9	198.1	184.7	172.2	159.2
-25°	246.9	239.4	229.8	220.8	211.4	201.2	190.1	178.7	167.1	155.3	144.3
-27.5°	217.8	210.5	202.8	195.3	187.3	178.6	169.1	159.5	150.2	140.3	130.4
-30°	187.5	182.3	176.2	169.4	163.5	156.5	148.6	141.8	134.2	125.9	117.5
-32.5°	158.6	155.3	150.8	145.7	140.9	136.0	131.1	124.9	118.8	112.4	105.8
-35°	133.9	130.9	128.3	125.1	120.6	118.4	114.7	109.9	104.6	99.6	94.8
-37.5°	113.4	110.5	109.2	107.2	105.0	102.3	99.6	96.3	91.8	88.5	84.9
-40°	96.9	94.7	93.5	92.9	91.3	87.7	86.7	84.4	81.9	78.6	75.8
-42.5°	84.1	83.0	81.3	81.0	79.5	77.7	75.9	74.9	73.0	70.5	68.0
-45°	74.4	73.7	72.3	71.5	70.7	69.3	67.3	66.6	65.2	63.4	60.8
-47.5°	66.7	66.2	65.1	63.9	63.3	62.1	60.6	59.3	58.6	57.0	55.1
-50°	60.2	59.7	58.8	57.6	56.9	55.9	54.7	53.2	52.6	51.5	49.8
-52.5°	54.5	54.0	53.2	52.1	51.4	50.7	49.6	48.4	47.4	46.5	45.1
-55°	49.3	48.7	48.1	47.4	46.7	46.0	45.1	43.9	42.7	41.8	40.9
-57.5°	44.4	43.9	43.5	43.0	42.4	41.6	40.7	39.6	38.5	37.9	37.0
-60°	39.8	39.3	39.0	38.5	37.9	37.2	36.5	35.7	34.8	34.2	33.5
-62.5°	35.3	34.8	34.5	34.2	33.7	33.1	32.6	32.0	31.4	30.8	30.1
-65°	31.0	30.6	30.4	30.1	29.7	29.2	28.9	28.5	28.0	27.4	26.7
-67.5°	27.1	26.8	26.5	26.3	26.0	25.8	25.6	25.2	24.7	24.1	23.5
-70°	23.2	23.0	22.8	22.8	22.7	22.5	22.2	21.8	21.3	20.9	20.5
-72.5°	19.5	19.4	19.3	19.3	19.2	19.1	18.9	18.7	18.4	18.1	17.7
-75°	16.2	16.1	16.1	16.1	16.0	15.9	15.8	15.6	15.4	15.0	14.5
-77.5°	13.0	13.0	13.0	13.0	12.9	12.8	12.7	12.5	12.3	12.0	11.7
-80°	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.7	9.5	9.3	9.2
-82.5°	7.4	7.3	7.3	7.2	7.2	7.2	7.1	7.0	7.0	6.8	6.7
-85°	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.6
-87.5°	1.4	1.6	1.7	1.8	1.8	1.8	1.8	2.0	2.1	2.3	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





REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	2.5	2.4	2.3	2.1	2.0	2.0	1.8	1.7	1.6	1.4	1.2
85°	6.0	5.6	5.2	4.7	4.3	3.9	3.7	3.5	3.1	2.8	2.5
82.5°	10.5	10.0	9.4	8.8	8.1	7.4	6.7	6.0	5.1	4.3	3.7
80°	15.4	14.8	14.1	13.2	12.1	11.0	10.0	8.9	7.8	6.6	5.4
77.5°	21.2	20.1	18.9	17.9	16.7	15.3	13.8	12.1	10.4	8.9	7.4
75°	27.8	26.3	24.8	23.2	21.5	19.6	17.9	15.9	13.5	11.2	9.4
72.5°	35.3	33.3	31.1	28.7	26.7	24.6	22.3	19.6	16.8	14.1	11.5
70°	43.6	40.8	38.1	35.4	32.5	29.5	26.9	23.6	20.0	16.9	13.9
67.5°	52.7	49.6	46.2	42.4	39.0	35.5	31.7	27.6	23.6	19.6	16.2
65°	63.4	59.3	54.8	50.8	46.2	41.6	37.4	31.8	27.0	22.6	18.5
62.5°	74.9	69.7	64.8	59.6	54.3	48.8	42.9	36.6	30.5	25.5	20.9
60°	87.4	81.6	75.5	69.6	63.1	56.5	49.3	41.2	34.6	28.4	23.3
57.5°	101.8	94.1	87.9	80.6	72.9	65.0	55.7	46.5	38.5	31.6	25.6
55°	117.3	109.3	101.4	93.1	83.7	74.4	62.3	51.8	42.5	34.9	27.8
52.5°	134.8	125.8	116.7	106.6	96.1	83.5	69.5	56.9	46.9	38.1	30.3
50°	154.1	144.3	133.3	121.6	108.9	93.2	76.2	62.7	51.1	41.3	32.7
47.5°	176.4	164.7	151.7	137.4	123.3	102.2	83.8	68.3	55.0	44.7	34.9
45°	201.9	186.8	171.5	155.4	134.6	111.5	91.1	73.5	59.6	47.6	36.9
42.5°	228.4	210.9	192.9	173.7	146.0	120.3	97.8	79.2	63.8	50.2	39.0
40°	256.4	235.9	215.1	188.7	156.4	128.2	104.8	84.6	67.6	52.7	41.1
37.5°	283.6	261.0	238.4	199.8	165.7	136.4	111.2	89.3	70.9	55.5	42.9
35°	309.6	285.6	249.2	209.2	174.1	143.5	116.7	93.7	74.3	58.0	44.5
32.5°	333.1	300.5	256.7	216.7	180.8	149.2	121.9	97.7	77.1	60.1	45.8
30°	347.2	303.8	261.4	221.7	185.7	154.1	126.2	101.0	79.4	61.8	47.0
27.5°	344.5	304.1	263.0	224.3	189.0	157.6	129.2	103.4	81.2	63.4	48.4
25°	338.9	300.2	261.4	224.3	190.3	159.8	131.3	105.2	82.8	64.8	49.5
22.5°	330.0	293.7	257.2	222.1	191.4	161.0	132.7	106.7	84.2	65.8	50.4
20°	319.6	285.1	251.7	221.7	191.3	161.4	133.3	107.5	84.9	66.3	51.0
17.5°	307.5	278.1	249.5	220.0	190.2	160.8	133.1	107.7	85.1	66.5	51.3
15°	301.1	274.3	246.2	217.4	188.2	159.3	132.0	107.1	84.8	66.3	51.5
12.5°	295.8	269.4	242.1	213.8	185.2	156.9	130.1	105.9	83.9	66.1	51.5
10°	289.6	263.6	236.9	209.2	181.3	153.6	127.5	104.3	83.3	65.7	51.3
7.5°	282.5	256.8	230.8	203.7	176.7	150.3	125.2	102.6	82.4	65.1	50.9
5°	275.2	250.2	225.3	198.9	172.5	147.1	122.7	100.3	81.1	64.3	50.3
2.5°	269.7	244.9	219.9	193.6	167.5	143.2	119.5	97.5	79.4	63.2	49.5
0°	263.2	238.6	213.6	187.5	161.8	138.7	115.9	94.3	77.5	61.9	48.5
-2.5°	254.5	230.3	205.9	181.0	156.5	134.0	112.3	91.8	75.6	60.6	47.7
-5°	244.8	221.1	197.4	173.8	150.6	128.8	108.2	88.9	73.5	59.2	46.8
-7.5°	232.1	209.9	187.8	165.8	144.0	123.2	103.8	85.8	71.1	57.5	45.8
-10°	218.0	197.2	176.9	156.6	136.6	117.2	99.1	82.5	68.5	55.7	44.6
-12.5°	203.1	184.1	165.5	147.0	128.7	111.1	94.5	79.1	65.8	53.8	43.4
-15°	187.6	170.7	153.8	137.1	120.6	104.7	89.6	75.7	63.3	51.9	42.0
-17.5°	172.0	157.0	141.8	127.1	112.4	98.2	84.7	72.1	60.6	50.1	40.7
-20°	159.1	144.6	129.7	117.0	104.1	91.7	79.7	68.4	57.9	48.1	39.3



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	146.3	133.4	120.1	107.3	96.0	85.2	74.7	64.6	55.1	46.0	37.9
-25°	133.5	122.2	110.9	99.6	88.5	79.2	70.0	60.8	52.3	43.9	36.3
-27.5°	121.2	111.4	101.7	92.0	82.4	73.4	65.4	57.3	49.5	41.7	34.7
-30°	109.4	101.4	93.2	84.8	76.4	68.6	60.9	53.9	46.8	39.7	33.1
-32.5°	98.8	91.7	85.2	78.1	70.9	63.9	56.8	50.5	44.1	37.7	31.5
-35°	89.3	83.2	77.5	71.6	65.7	59.5	53.1	47.2	41.4	35.6	30.0
-37.5°	80.3	75.8	70.6	65.6	60.5	55.1	49.7	44.2	38.8	33.5	28.4
-40°	72.6	68.8	64.3	60.1	55.8	50.8	46.3	41.4	36.2	31.3	26.8
-42.5°	65.4	62.3	58.8	55.0	51.2	47.1	43.0	38.5	33.9	29.4	25.2
-45°	58.9	56.4	53.6	50.4	46.8	43.5	39.8	35.7	31.5	27.5	23.7
-47.5°	53.0	51.2	48.9	46.0	43.1	40.1	36.7	33.1	29.2	25.7	22.2
-50°	47.9	46.4	44.5	42.2	39.5	36.8	33.7	30.5	27.2	23.9	20.6
-52.5°	43.5	42.1	40.5	38.5	36.2	33.6	31.0	28.0	25.1	22.1	19.0
-55°	39.7	38.3	36.8	35.1	33.0	30.7	28.3	25.7	23.1	20.4	17.5
-57.5°	36.0	34.6	33.4	31.8	30.0	27.9	25.7	23.5	21.1	18.6	16.2
-60°	32.5	31.4	30.1	28.7	27.1	25.2	23.3	21.3	19.2	16.9	14.9
-62.5°	29.2	28.1	27.0	25.8	24.3	22.7	20.9	19.2	17.3	15.5	13.6
-65°	26.0	25.1	24.1	22.9	21.6	20.2	18.8	17.2	15.6	14.0	12.2
-67.5°	22.8	22.1	21.2	20.1	19.0	17.9	16.6	15.3	13.9	12.5	10.9
-70°	20.0	19.3	18.4	17.5	16.6	15.6	14.6	13.5	12.2	11.0	9.5
-72.5°	17.1	16.4	15.7	15.0	14.3	13.6	12.6	11.6	10.6	9.5	8.2
-75°	14.0	13.7	13.3	12.8	12.2	11.5	10.7	9.9	9.0	7.9	6.9
-77.5°	11.5	11.3	11.0	10.6	10.1	9.5	8.9	8.2	7.4	6.6	5.7
-80°	9.0	8.9	8.6	8.3	7.9	7.4	7.0	6.5	5.8	5.2	4.5
-82.5°	6.6	6.5	6.3	6.2	5.9	5.6	5.2	4.8	4.3	3.8	3.3
-85°	4.5	4.5	4.3	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-87.5°	2.3	2.3	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
-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: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	6.0	4.6	3.5	2.7	1.8	0.9	0.0
75°	7.7	5.9	4.3	3.2	2.1	1.1	0.0
72.5°	9.3	7.2	5.3	3.7	2.5	1.2	0.0
70°	11.0	8.5	6.3	4.2	2.8	1.4	0.0
67.5°	12.9	9.8	7.3	4.9	3.1	1.6	0.0
65°	14.7	11.1	8.2	5.6	3.5	1.7	0.0
62.5°	16.5	12.6	9.2	6.3	3.8	1.9	0.0
60°	18.2	13.9	10.1	7.0	4.1	2.0	0.0
57.5°	20.1	15.3	11.1	7.6	4.5	2.2	0.0
55°	21.8	16.5	12.0	8.2	4.9	2.4	0.0
52.5°	23.5	17.7	13.0	8.8	5.3	2.5	0.0
50°	25.1	19.0	13.8	9.4	5.6	2.6	0.0
47.5°	26.6	20.2	14.7	9.9	6.0	2.8	0.0
45°	28.3	21.3	15.4	10.5	6.3	2.9	0.0
42.5°	29.9	22.4	16.2	11.0	6.6	3.0	0.0
40°	31.3	23.3	16.9	11.5	6.9	3.1	0.0
37.5°	32.6	24.2	17.6	12.0	7.2	3.3	0.0
35°	33.8	25.1	18.2	12.4	7.5	3.4	0.0
32.5°	34.8	25.9	18.8	12.8	7.7	3.5	0.0
30°	35.8	26.7	19.3	13.2	7.9	3.6	0.0
27.5°	36.7	27.3	19.7	13.5	8.1	3.6	0.0
25°	37.4	27.9	20.2	13.7	8.3	3.7	0.0
22.5°	37.9	28.3	20.5	14.0	8.4	3.8	0.0
20°	38.3	28.8	20.8	14.2	8.6	3.9	0.0
17.5°	38.6	29.1	21.1	14.4	8.7	3.9	0.0
15°	38.9	29.4	21.2	14.5	8.8	4.0	0.0
12.5°	39.1	29.5	21.4	14.6	8.8	4.0	0.0
10°	39.1	29.6	21.4	14.6	8.9	4.0	0.0
7.5°	39.0	29.6	21.5	14.6	8.9	4.1	0.0
5°	38.8	29.5	21.4	14.6	8.9	4.1	0.0
2.5°	38.4	29.3	21.3	14.6	8.9	4.1	0.0
0°	38.0	29.1	21.2	14.5	8.9	4.1	0.0
-2.5°	37.5	28.8	21.1	14.4	8.9	4.1	0.0
-5°	36.9	28.4	20.9	14.3	8.8	4.1	0.0
-7.5°	36.2	27.9	20.6	14.2	8.8	4.1	0.0
-10°	35.4	27.4	20.3	14.1	8.7	4.0	0.0
-12.5°	34.6	26.8	20.0	13.9	8.6	4.0	0.0
-15°	33.6	26.2	19.6	13.7	8.5	4.0	0.0
-17.5°	32.6	25.5	19.2	13.4	8.4	3.9	0.0
-20°	31.6	24.7	18.7	13.2	8.2	3.9	0.0



REPORT NUMBER: P561370 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-AMB-U-WAF-BK

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.5	24.0	18.2	12.9	8.1	3.8	0.0
-25°	29.4	23.2	17.7	12.5	7.9	3.7	0.0
-27.5°	28.3	22.4	17.1	12.2	7.7	3.6	0.0
-30°	27.1	21.6	16.6	11.8	7.5	3.6	0.0
-32.5°	25.9	20.7	15.9	11.4	7.3	3.5	0.0
-35°	24.7	19.8	15.3	11.0	7.1	3.4	0.0
-37.5°	23.6	18.9	14.7	10.6	6.8	3.3	0.0
-40°	22.4	18.1	14.0	10.1	6.5	3.1	0.0
-42.5°	21.1	17.2	13.3	9.7	6.3	3.0	0.0
-45°	19.9	16.3	12.6	9.2	6.0	2.9	0.0
-47.5°	18.6	15.3	12.0	8.7	5.7	2.8	0.0
-50°	17.4	14.4	11.3	8.2	5.4	2.6	0.0
-52.5°	16.3	13.4	10.5	7.7	5.1	2.5	0.0
-55°	15.1	12.5	9.8	7.2	4.8	2.4	0.0
-57.5°	14.0	11.5	9.0	6.8	4.4	2.2	0.0
-60°	12.8	10.6	8.3	6.2	4.1	2.0	0.0
-62.5°	11.6	9.6	7.6	5.7	3.8	1.9	0.0
-65°	10.4	8.6	6.9	5.2	3.5	1.7	0.0
-67.5°	9.2	7.7	6.2	4.7	3.1	1.6	0.0
-70°	8.0	6.8	5.5	4.1	2.8	1.4	0.0
-72.5°	7.0	5.9	4.8	3.6	2.5	1.2	0.0
-75°	5.9	5.0	4.0	3.1	2.1	1.1	0.0
-77.5°	4.9	4.1	3.4	2.6	1.8	0.9	0.0
-80°	3.8	3.3	2.7	2.1	1.4	0.7	0.0
-82.5°	2.9	2.5	2.0	1.6	1.1	0.5	0.0
-85°	1.9	1.6	1.4	1.0	0.7	0.4	0.0
-87.5°	1.0	0.8	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)