

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: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-WAF-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561378 (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-SA2B-AMB-U-WAF-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (32) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

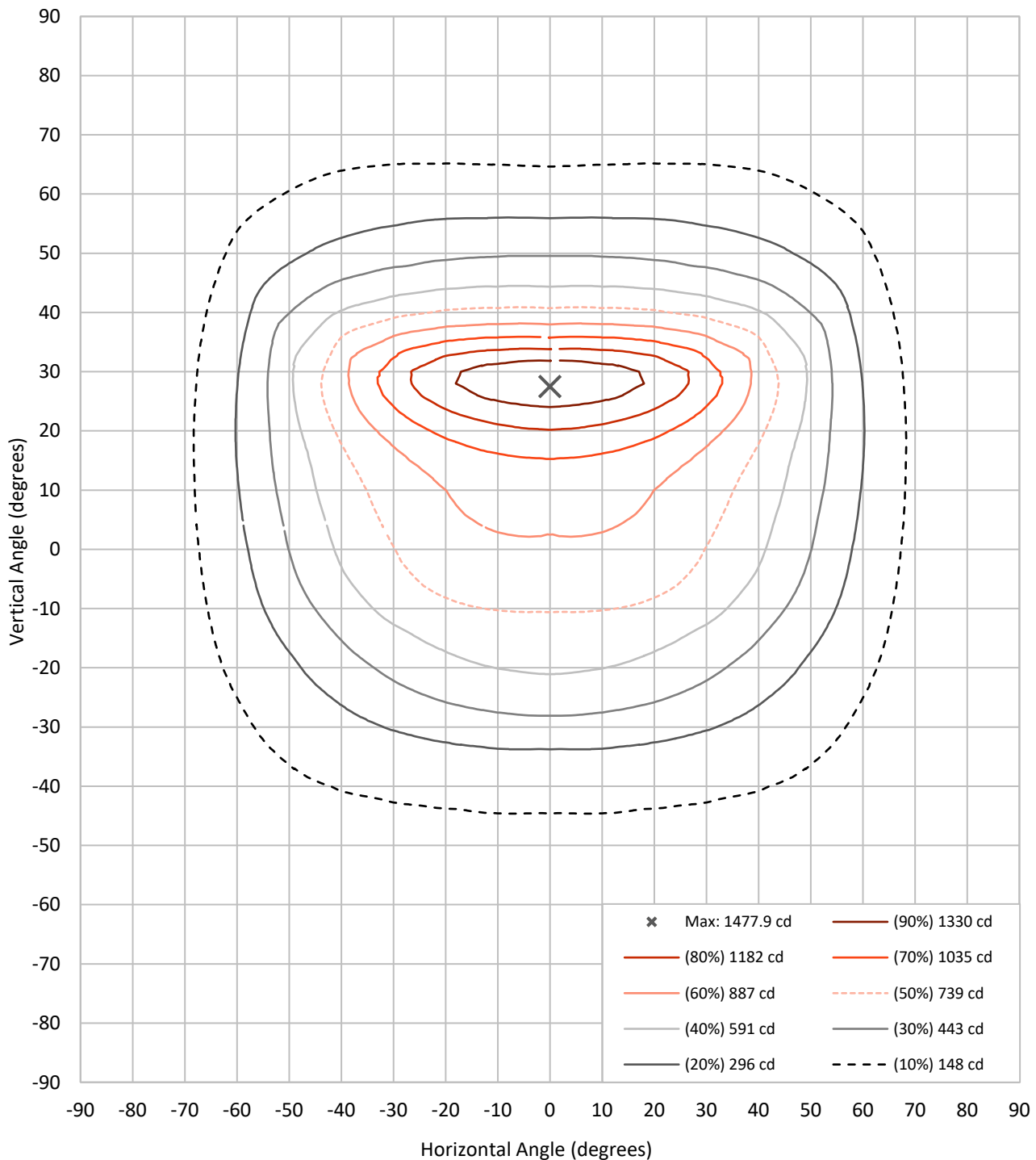
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	2058.7 lumens	Max Intensity:	1477.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	48.8 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:	981.7 lumens	Field Lumens:	1895.2 lumens
Beam Efficiency:	47.7%	Field Efficiency:	92.1%
Input Watts (W):	42.2		
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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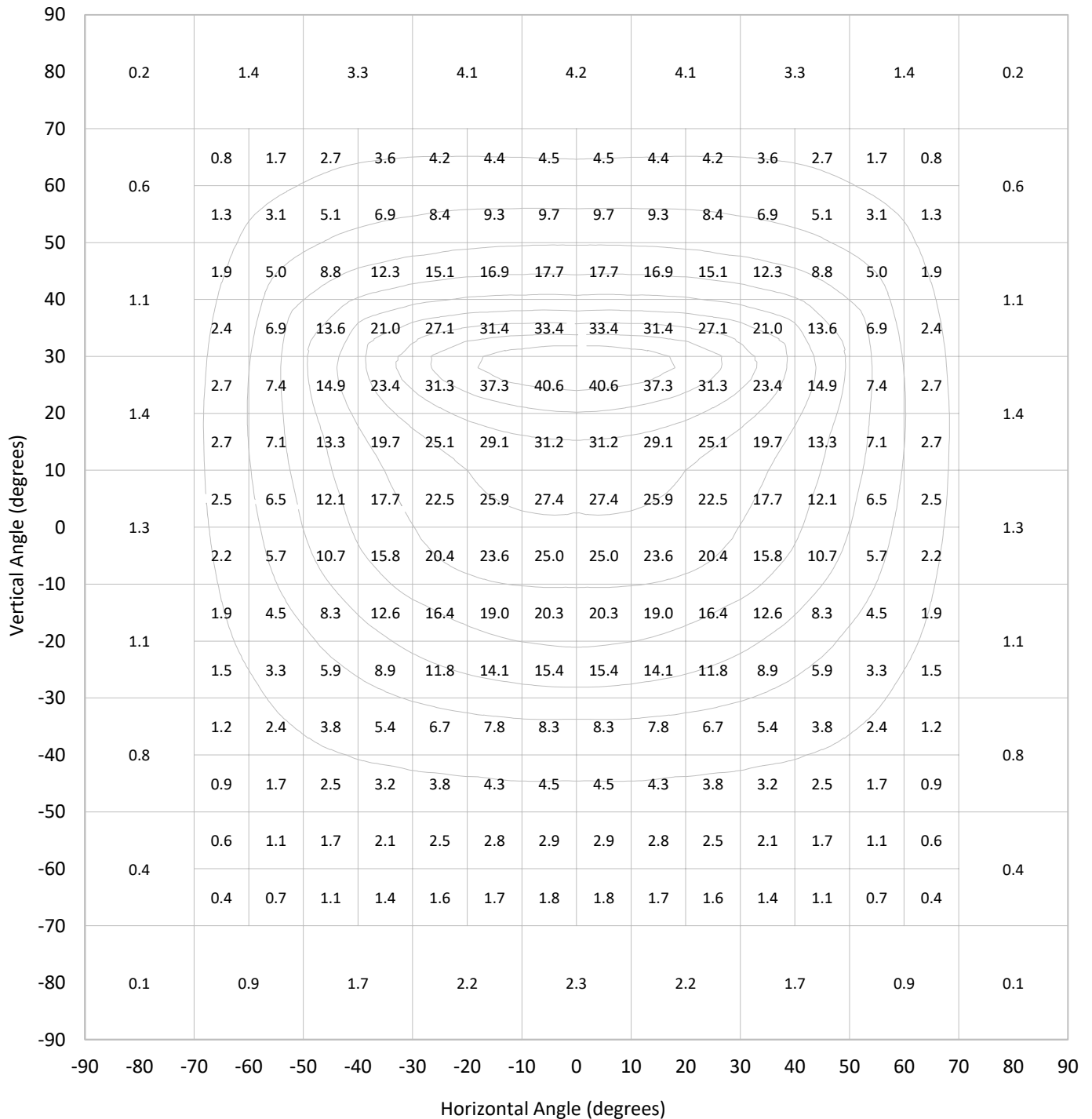
### Iso-Candela Plot





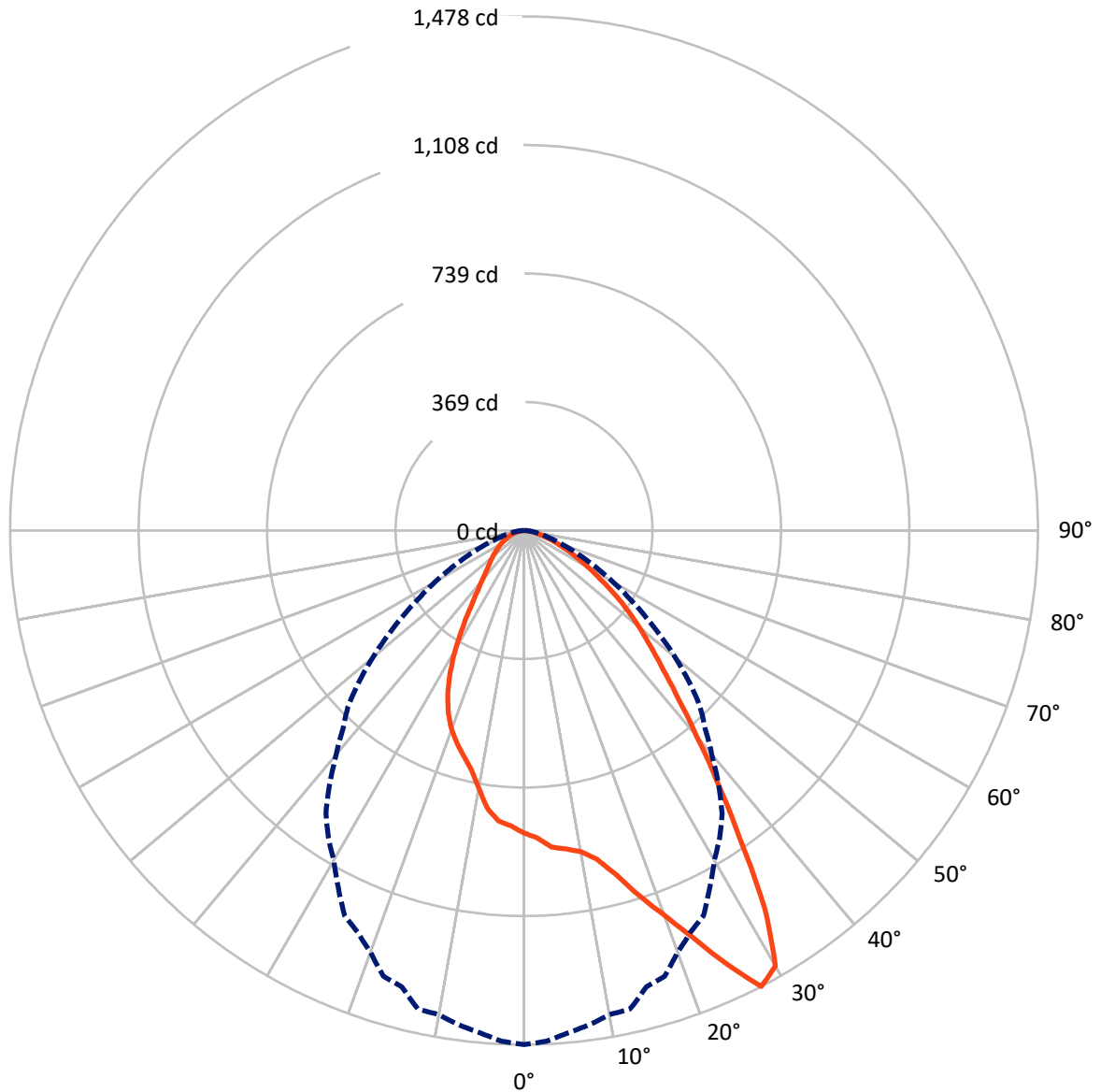
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### Lumen Table



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-AMB-U-WAF-BK

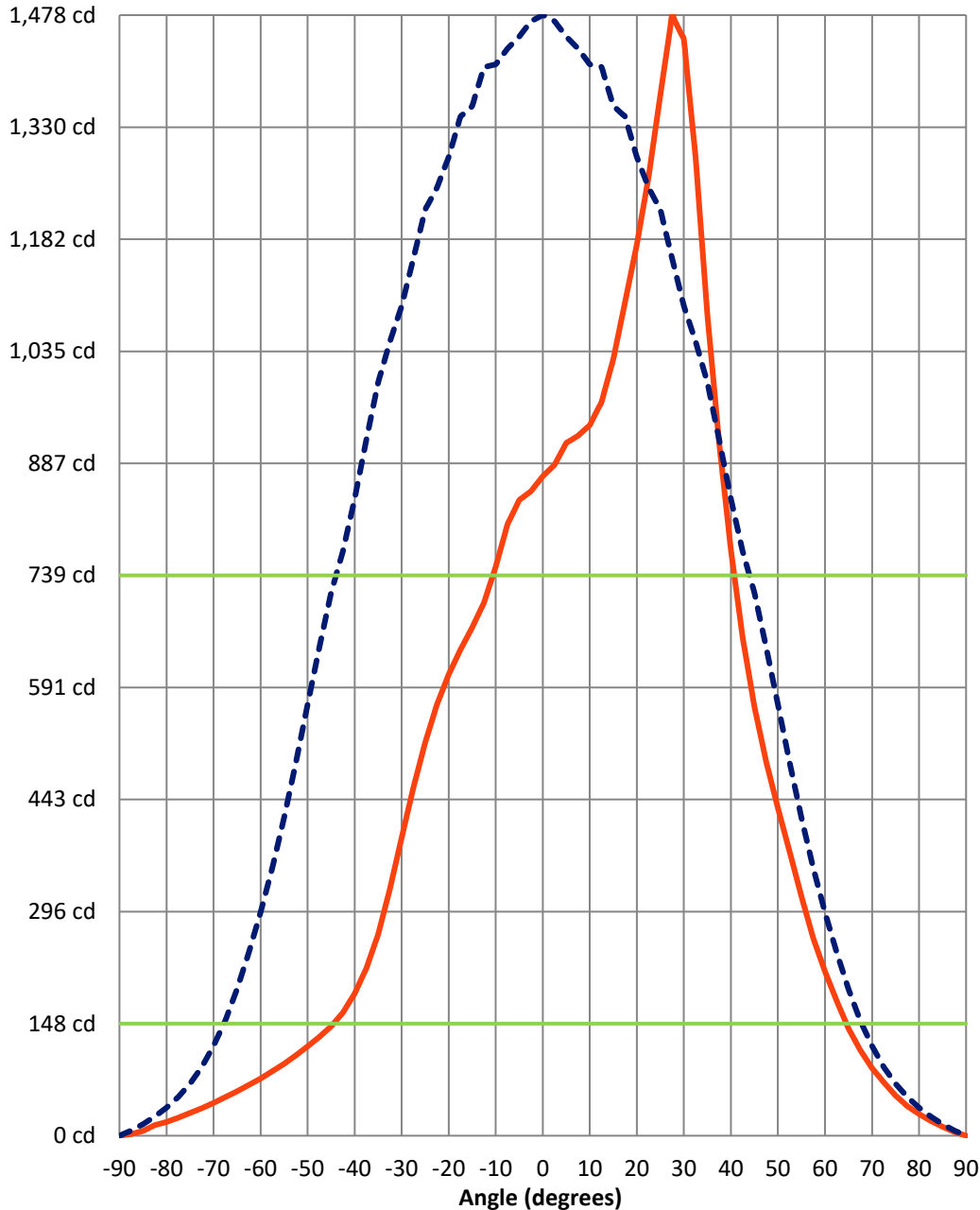
### Luminous Intensity Polar Plot



— 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: 981.7  
 Efficiency: 47.7%

**Field:**  
 H Angle: 135.6°  
 V Angle: 109.1°  
 Lumens: 1895.2  
 Efficiency: 92.1%

**Spill:**  
 Lumens: 163.5  
 Efficiency: 7.9%

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



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 CATALOG NUMBER: GFLD-SA2B-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	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	2.9	3.3
85°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.5
82.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	6.9	8.0	9.6	11.2
80°	0.0	1.3	2.7	4.0	5.3	6.6	8.1	10.2	12.3	14.5	16.7
77.5°	0.0	1.7	3.3	5.0	6.6	8.6	11.2	13.9	16.6	19.4	22.6
75°	0.0	2.0	4.0	6.0	8.0	11.1	14.3	17.6	21.0	25.3	29.7
72.5°	0.0	2.3	4.6	6.9	9.9	13.5	17.4	21.5	26.3	31.4	36.6
70°	0.0	2.6	5.3	8.0	11.8	16.0	20.5	25.9	31.5	37.4	44.2
67.5°	0.0	2.9	5.9	9.3	13.6	18.3	24.1	30.3	36.7	44.0	51.7
65°	0.0	3.3	6.5	10.6	15.4	20.8	27.5	34.5	42.3	50.5	59.5
62.5°	0.0	3.6	7.1	11.8	17.1	23.5	30.9	39.1	47.8	57.1	68.5
60°	0.0	3.8	7.7	13.0	18.8	26.1	34.1	43.6	53.1	64.7	77.1
57.5°	0.0	4.1	8.4	14.2	20.7	28.5	37.5	48.0	59.2	72.1	86.9
55°	0.0	4.4	9.2	15.3	22.5	30.9	40.9	52.0	65.4	79.4	96.9
52.5°	0.0	4.7	9.9	16.4	24.2	33.2	44.0	56.7	71.2	87.7	106.3
50°	0.0	4.9	10.6	17.5	25.9	35.6	47.0	61.1	77.1	95.5	117.3
47.5°	0.0	5.2	11.2	18.5	27.4	37.8	49.8	65.3	83.5	102.8	127.7
45°	0.0	5.4	11.8	19.6	28.9	39.9	53.0	69.0	88.9	111.3	137.4
42.5°	0.0	5.7	12.4	20.6	30.3	41.8	55.9	72.9	93.7	119.2	148.2
40°	0.0	5.9	13.0	21.6	31.6	43.6	58.6	76.8	98.5	126.3	158.1
37.5°	0.0	6.1	13.5	22.4	32.9	45.2	61.0	80.1	103.7	132.5	166.9
35°	0.0	6.3	14.0	23.2	34.1	46.9	63.1	83.1	108.3	138.8	175.3
32.5°	0.0	6.5	14.4	24.0	35.2	48.5	65.0	85.6	112.3	144.1	182.7
30°	0.0	6.7	14.8	24.6	36.1	49.9	67.0	87.9	115.6	148.4	188.8
27.5°	0.0	6.8	15.2	25.2	37.0	51.1	68.6	90.5	118.5	151.7	193.4
25°	0.0	7.0	15.5	25.8	37.7	52.0	69.9	92.5	121.1	154.9	196.7
22.5°	0.0	7.1	15.8	26.2	38.4	52.9	70.9	94.1	122.9	157.3	199.5
20°	0.0	7.2	16.0	26.6	39.0	53.7	71.5	95.2	124.0	158.7	201.1
17.5°	0.0	7.3	16.2	26.9	39.4	54.4	72.2	95.8	124.3	159.1	201.3
15°	0.0	7.4	16.4	27.2	39.8	54.8	72.7	96.2	124.0	158.4	200.3
12.5°	0.0	7.5	16.6	27.3	40.0	55.1	73.0	96.3	123.5	156.8	198.1
10°	0.0	7.6	16.7	27.4	40.1	55.3	73.1	95.9	122.9	155.7	195.1
7.5°	0.0	7.6	16.7	27.5	40.2	55.3	72.9	95.1	121.8	154.0	191.8
5°	0.0	7.7	16.8	27.4	40.1	55.1	72.5	94.0	120.2	151.6	187.5
2.5°	0.0	7.7	16.7	27.4	40.0	54.8	71.9	92.4	118.2	148.5	182.3
0°	0.0	7.7	16.7	27.2	39.7	54.3	71.1	90.6	115.7	144.9	176.3
-2.5°	0.0	7.7	16.7	27.1	39.4	53.7	70.2	89.1	113.3	141.3	171.6
-5°	0.0	7.7	16.6	26.9	39.0	53.0	69.0	87.4	110.6	137.3	166.3
-7.5°	0.0	7.6	16.5	26.7	38.5	52.1	67.7	85.5	107.6	132.8	160.5
-10°	0.0	7.6	16.3	26.4	38.0	51.1	66.3	83.3	104.2	128.0	154.2
-12.5°	0.0	7.5	16.1	26.0	37.3	50.0	64.6	81.0	100.6	123.0	147.9
-15°	0.0	7.4	15.9	25.6	36.6	48.8	62.8	78.5	97.1	118.3	141.5
-17.5°	0.0	7.3	15.7	25.1	35.8	47.6	60.9	75.9	93.6	113.4	134.8
-20°	0.0	7.2	15.4	24.6	35.0	46.2	59.0	73.4	89.9	108.3	127.9



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 CATALOG NUMBER: GFLD-SA2B-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	7.1	15.1	24.1	34.0	44.8	57.0	70.7	86.1	103.0	120.8
-25°	0.0	7.0	14.8	23.5	33.0	43.3	55.0	67.9	82.1	97.7	113.7
-27.5°	0.0	6.8	14.4	22.8	32.0	41.9	52.9	64.9	78.1	92.5	107.2
-30°	0.0	6.7	14.0	22.1	30.9	40.3	50.6	61.8	74.2	87.5	100.7
-32.5°	0.0	6.5	13.6	21.4	29.8	38.7	48.3	58.9	70.4	82.5	94.4
-35°	0.0	6.3	13.2	20.6	28.6	37.0	46.2	56.0	66.5	77.5	88.2
-37.5°	0.0	6.1	12.7	19.8	27.4	35.3	44.0	53.1	62.6	72.5	82.8
-40°	0.0	5.9	12.2	18.9	26.1	33.7	41.7	50.2	58.5	67.8	77.4
-42.5°	0.0	5.7	11.7	18.0	24.9	32.0	39.4	47.2	54.9	63.4	72.1
-45°	0.0	5.4	11.2	17.1	23.6	30.3	37.1	44.2	51.4	59.0	66.8
-47.5°	0.0	5.2	10.7	16.2	22.4	28.6	34.6	41.4	47.9	54.5	62.0
-50°	0.0	4.9	10.1	15.3	21.0	26.8	32.5	38.5	44.6	50.8	57.1
-52.5°	0.0	4.7	9.5	14.4	19.7	25.0	30.4	35.6	41.3	47.0	52.4
-55°	0.0	4.4	8.9	13.5	18.3	23.3	28.2	32.7	38.1	43.1	48.2
-57.5°	0.0	4.1	8.3	12.6	16.9	21.5	26.0	30.2	34.8	39.5	43.9
-60°	0.0	3.8	7.7	11.7	15.4	19.7	23.9	27.8	31.7	35.9	39.8
-62.5°	0.0	3.6	7.1	10.7	14.2	17.9	21.7	25.3	28.9	32.4	36.0
-65°	0.0	3.3	6.5	9.7	12.9	16.0	19.5	22.9	26.1	29.2	32.2
-67.5°	0.0	2.9	5.9	8.8	11.6	14.3	17.3	20.3	23.3	26.1	28.7
-70°	0.0	2.6	5.3	7.7	10.3	12.7	15.0	17.8	20.5	22.9	25.2
-72.5°	0.0	2.3	4.6	6.8	9.0	11.1	13.1	15.3	17.7	19.9	21.8
-75°	0.0	2.0	4.0	5.8	7.6	9.4	11.1	13.0	14.9	16.8	18.6
-77.5°	0.0	1.7	3.3	4.9	6.3	7.8	9.2	10.7	12.3	13.8	15.4
-80°	0.0	1.3	2.7	3.9	5.1	6.2	7.2	8.5	9.8	11.0	12.2
-82.5°	0.0	1.0	2.0	2.9	3.8	4.7	5.4	6.3	7.2	8.1	9.0
-85°	0.0	0.7	1.3	2.0	2.6	3.1	3.6	4.2	4.8	5.4	5.9
-87.5°	0.0	0.3	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





REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	3.5	3.7	3.9	4.0	4.3	4.5	4.7	4.9	4.9	4.8	4.7
85°	6.9	7.3	8.2	8.9	9.8	10.6	11.3	11.9	11.9	11.7	11.4
82.5°	12.6	13.9	15.2	16.5	17.6	18.6	19.5	20.4	20.5	20.4	20.3
80°	18.6	20.5	22.7	24.6	26.3	27.7	28.9	29.9	30.3	30.8	31.2
77.5°	25.8	28.6	31.1	33.4	35.4	37.6	39.8	41.8	43.0	43.5	43.8
75°	33.5	36.7	40.1	43.4	46.4	49.2	52.0	55.0	56.9	58.1	59.0
72.5°	41.6	45.9	50.0	53.7	58.1	62.2	66.0	69.3	72.2	74.4	75.9
70°	50.3	55.2	60.8	66.2	71.2	76.2	81.6	86.3	90.0	92.5	94.8
67.5°	59.2	66.3	72.9	79.2	86.3	92.8	98.6	104.9	110.3	113.4	115.9
65°	69.9	77.7	86.4	94.8	102.3	110.8	118.5	125.3	132.3	137.0	140.5
62.5°	80.2	91.2	101.4	111.3	121.2	130.3	140.0	148.8	156.4	162.7	167.4
60°	92.2	105.5	118.0	130.2	141.1	152.5	163.4	174.2	183.4	190.2	197.2
57.5°	104.1	121.5	136.4	150.6	164.4	176.0	190.3	202.1	213.1	221.6	229.9
55°	116.5	139.1	156.5	174.1	189.6	204.2	219.2	234.0	245.6	256.8	266.7
52.5°	129.9	156.1	179.6	199.3	218.1	235.2	251.9	268.9	284.3	296.3	307.2
50°	142.6	174.4	203.6	227.2	249.2	269.7	288.2	308.5	327.4	341.8	352.4
47.5°	156.7	191.1	230.5	256.9	283.6	307.9	329.7	354.3	375.7	395.1	407.5
45°	170.4	208.4	251.6	290.5	320.6	349.2	377.5	404.3	432.8	454.7	472.1
42.5°	182.8	224.8	273.0	324.8	360.7	394.2	427.0	461.9	495.3	523.7	545.9
40°	195.9	239.6	292.5	352.8	402.1	441.0	479.2	519.0	566.6	601.9	629.0
37.5°	207.8	255.1	309.8	373.5	445.6	488.0	530.1	576.3	631.6	687.7	723.3
35°	218.2	268.2	325.5	391.1	465.9	533.9	578.8	628.2	688.7	767.4	819.6
32.5°	227.9	278.9	337.9	405.1	480.0	561.8	622.6	671.2	733.1	814.0	912.4
30°	235.8	288.0	347.2	414.5	488.7	568.0	649.0	702.9	762.0	837.5	926.3
27.5°	241.5	294.5	353.3	419.3	491.7	568.5	644.1	716.0	770.7	839.8	918.1
25°	245.5	298.7	355.7	419.4	488.6	561.3	633.5	701.5	761.3	820.3	887.5
22.5°	248.1	300.9	357.7	415.3	480.8	549.1	616.9	680.8	738.5	790.6	846.7
20°	249.3	301.6	357.7	414.5	470.4	532.9	597.3	657.8	713.2	763.2	806.6
17.5°	248.8	300.6	355.6	411.4	466.3	519.8	574.7	633.1	687.0	735.9	779.0
15°	246.8	297.8	351.8	406.4	460.3	512.7	562.8	609.8	659.2	708.4	752.1
12.5°	243.3	293.3	346.2	399.6	452.5	503.6	552.9	599.4	642.7	683.3	724.5
10°	238.4	287.3	338.8	391.1	442.9	492.7	541.3	587.5	630.5	670.4	707.5
7.5°	234.2	281.1	330.3	380.8	431.5	479.9	528.1	574.2	616.6	655.7	692.8
5°	229.3	275.1	322.4	371.9	421.2	467.8	514.5	559.2	600.9	639.2	676.7
2.5°	223.5	267.7	313.1	361.9	411.0	457.6	504.1	547.8	588.0	625.4	661.7
0°	216.7	259.2	302.4	350.5	399.3	445.9	491.9	534.4	574.1	611.8	647.3
-2.5°	209.9	250.4	292.5	338.3	384.9	430.5	475.7	518.5	557.2	595.4	630.4
-5°	202.3	240.7	281.4	324.8	368.9	413.3	457.6	500.6	537.4	574.2	607.6
-7.5°	194.1	230.2	269.2	309.9	351.0	392.3	433.8	473.8	509.6	545.0	578.1
-10°	185.3	219.0	255.3	292.7	330.6	368.6	407.4	445.3	480.1	513.9	546.4
-12.5°	176.6	207.5	240.6	274.7	309.4	344.1	379.7	415.5	448.8	480.8	512.9
-15°	167.6	195.7	225.5	256.3	287.5	319.0	350.6	384.3	416.9	448.3	479.0
-17.5°	158.3	183.6	210.1	237.5	265.1	293.5	321.5	355.1	385.9	415.2	443.3
-20°	149.0	171.4	194.5	218.7	242.5	270.3	297.4	326.3	354.1	380.8	406.6



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	139.7	159.2	179.4	200.5	224.5	249.3	273.5	297.6	321.9	345.2	370.3
-25°	130.8	148.0	165.3	186.1	207.2	228.5	249.6	269.7	290.3	312.4	334.0
-27.5°	122.3	137.2	154.1	172.0	190.0	208.3	226.6	243.7	262.2	280.6	298.1
-30°	113.9	128.2	142.8	158.4	174.2	189.5	204.5	219.7	235.3	250.8	265.0
-32.5°	106.2	119.4	132.5	146.0	159.1	171.2	184.5	197.8	210.1	222.1	233.5
-35°	99.2	111.2	122.7	133.8	144.8	155.5	166.9	177.1	186.2	195.6	205.4
-37.5°	92.9	103.0	113.1	122.5	131.9	141.6	150.1	158.7	165.5	171.6	180.1
-40°	86.6	95.0	104.2	112.4	120.2	128.5	135.8	141.7	146.8	153.1	157.7
-42.5°	80.4	88.1	95.6	102.7	109.9	116.5	122.2	127.1	131.8	136.5	140.0
-45°	74.5	81.4	87.4	94.2	100.2	105.4	110.2	113.8	118.6	122.0	124.4
-47.5°	68.7	75.0	80.5	86.0	91.3	95.7	99.1	103.1	106.7	109.6	110.9
-50°	63.1	68.8	74.0	78.8	83.1	86.7	89.5	93.2	96.3	98.5	99.6
-52.5°	58.0	62.8	67.7	72.0	75.7	78.8	81.5	84.3	86.9	88.6	90.5
-55°	52.9	57.4	61.6	65.6	68.9	71.5	74.2	76.5	78.2	79.9	82.0
-57.5°	48.2	52.3	56.0	59.4	62.4	64.8	67.3	69.3	70.9	72.0	74.0
-60°	43.6	47.3	50.7	53.7	56.2	58.6	60.7	62.6	63.9	65.1	66.7
-62.5°	39.1	42.4	45.5	48.2	50.5	52.6	54.5	56.2	57.4	58.6	59.8
-65°	35.1	37.7	40.4	42.9	45.1	46.9	48.5	50.0	51.2	52.3	53.2
-67.5°	31.1	33.5	35.6	37.6	39.6	41.3	42.7	43.9	45.0	46.2	47.1
-70°	27.4	29.2	31.1	32.8	34.4	36.0	37.3	38.3	39.0	39.9	40.8
-72.5°	23.7	25.4	26.8	28.1	29.4	30.7	31.9	33.0	33.9	34.4	34.9
-75°	20.1	21.5	22.9	24.0	24.9	25.6	26.3	27.2	28.0	28.7	29.2
-77.5°	16.6	17.7	18.8	19.9	20.6	21.1	21.5	21.9	22.5	23.0	23.4
-80°	13.1	13.9	14.7	15.5	16.1	16.5	16.9	17.1	17.4	17.8	18.2
-82.5°	9.8	10.4	11.0	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.2
-85°	6.5	7.0	7.5	7.9	8.1	8.3	8.5	8.6	8.5	8.4	8.3
-87.5°	3.2	3.5	3.8	4.0	4.2	4.3	4.4	4.5	4.3	4.0	3.8
-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: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.1
85°	10.9	11.1	11.3	11.5	11.6	11.6	11.5	11.4	11.3	11.4	11.6
82.5°	20.1	20.3	20.5	20.5	20.3	20.2	20.0	19.7	19.4	19.4	19.5
80°	31.4	31.5	31.4	31.1	30.5	30.3	29.9	29.4	28.8	28.9	29.1
77.5°	43.9	44.3	44.3	44.0	43.4	42.9	42.4	41.6	40.6	40.6	40.6
75°	59.6	59.8	59.9	59.5	58.8	58.2	57.5	56.4	55.1	54.9	54.8
72.5°	76.9	77.3	77.3	77.3	76.8	76.2	75.4	74.1	72.4	71.8	71.5
70°	96.2	97.0	97.5	97.7	97.7	97.3	96.5	95.2	93.3	92.4	91.6
67.5°	118.2	119.7	121.1	121.6	121.7	121.4	121.0	120.1	118.6	117.6	116.7
65°	143.2	145.3	147.3	148.2	148.2	148.3	148.9	148.5	147.3	146.5	146.3
62.5°	170.8	174.2	177.6	179.5	180.0	179.8	181.6	182.1	181.5	180.7	180.8
60°	203.1	207.8	211.7	214.8	217.1	218.5	220.6	221.0	219.7	217.8	218.3
57.5°	237.9	243.5	247.8	253.5	258.2	261.6	263.7	264.5	264.0	262.6	263.7
55°	275.8	283.3	288.1	295.8	302.5	307.3	310.6	313.1	314.5	314.7	317.3
52.5°	317.7	327.9	334.3	341.4	349.9	355.9	359.8	364.9	368.2	369.6	372.8
50°	367.0	378.0	385.8	391.0	402.1	410.1	414.3	420.4	425.1	426.7	429.4
47.5°	421.8	434.5	445.1	450.3	462.1	472.7	477.6	482.5	488.6	490.0	491.6
45°	483.2	501.8	514.6	524.3	533.3	546.6	553.4	556.1	564.1	566.8	567.3
42.5°	560.2	579.9	598.0	612.0	618.9	634.9	646.2	648.3	657.8	661.2	658.2
40°	652.2	669.7	697.7	715.2	727.1	740.9	758.1	764.2	770.2	775.6	772.9
37.5°	751.3	779.1	812.1	837.3	854.7	868.4	889.7	899.1	901.3	916.0	916.2
35°	853.0	886.9	937.4	970.3	992.6	1016.3	1040.6	1060.3	1073.5	1085.5	1087.7
32.5°	939.8	977.2	1034.9	1097.8	1125.1	1153.7	1203.1	1218.1	1244.1	1260.5	1268.2
30°	1005.4	1033.5	1087.1	1171.8	1209.3	1239.9	1298.0	1325.5	1352.5	1393.0	1396.8
27.5°	993.3	1047.2	1094.4	1157.1	1221.2	1250.3	1290.8	1343.9	1358.2	1409.2	1413.0
25°	954.1	1010.4	1054.1	1104.8	1154.1	1190.1	1226.2	1261.1	1286.1	1310.4	1331.3
22.5°	904.1	954.3	996.5	1038.2	1078.1	1112.2	1142.4	1170.3	1193.9	1213.3	1231.6
20°	852.7	900.1	940.9	975.6	1008.0	1040.1	1067.3	1090.8	1111.2	1129.3	1142.7
17.5°	815.4	847.3	888.2	923.1	951.2	975.5	1001.7	1022.0	1039.9	1056.6	1067.7
15°	788.9	819.4	845.1	875.2	905.1	927.8	944.4	965.4	980.8	994.4	1004.8
12.5°	763.0	795.7	823.7	846.6	865.6	891.8	910.6	923.0	939.1	947.9	957.9
10°	741.3	773.1	803.8	829.4	850.6	869.2	886.5	903.0	914.6	924.0	930.0
7.5°	726.6	757.8	786.7	813.0	836.1	856.8	874.8	889.6	902.4	910.6	916.5
5°	710.3	741.5	770.1	795.9	818.3	840.8	861.3	877.3	888.1	897.7	905.3
2.5°	693.9	725.0	752.3	777.2	798.4	819.7	838.6	853.6	866.8	876.2	883.6
0°	678.0	710.7	735.8	760.2	781.1	801.3	818.7	833.3	845.9	856.3	862.6
-2.5°	662.6	693.8	721.5	746.4	767.7	787.5	804.6	819.9	832.5	842.4	850.3
-5°	639.4	669.4	697.6	722.5	746.0	767.1	785.9	802.2	813.0	823.2	830.9
-7.5°	610.0	640.5	669.4	695.5	718.6	735.7	750.7	766.3	780.9	789.0	797.3
-10°	578.0	608.5	634.7	656.4	674.9	691.3	706.6	721.1	731.3	740.3	744.4
-12.5°	542.9	570.9	594.3	612.7	629.3	648.8	663.5	673.5	685.5	691.6	699.0
-15°	506.3	531.8	552.9	572.7	593.2	610.4	622.7	636.5	646.3	655.7	661.4
-17.5°	468.6	491.8	516.3	538.2	557.1	573.3	588.6	601.1	612.6	621.8	628.7
-20°	431.4	455.4	478.8	500.0	519.0	536.6	551.7	564.7	577.2	586.0	593.3



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	394.2	416.7	438.4	458.6	477.5	494.9	509.9	522.9	534.7	544.8	551.9
-25°	355.3	376.1	395.3	412.8	429.6	447.5	461.5	473.8	484.8	495.0	502.5
-27.5°	316.1	333.8	350.1	365.1	379.0	393.5	407.1	418.1	428.9	436.4	445.2
-30°	277.7	292.6	305.6	316.5	329.3	340.8	350.6	360.5	369.7	377.2	384.3
-32.5°	245.0	254.3	263.5	272.3	281.7	290.3	296.5	304.7	308.9	314.9	321.3
-35°	214.5	221.4	225.5	233.8	239.8	244.6	250.3	255.4	256.0	262.4	265.4
-37.5°	186.1	191.4	196.4	200.5	204.2	206.4	211.9	214.5	215.2	219.4	221.0
-40°	162.0	163.9	170.7	173.7	174.8	177.1	181.1	182.0	184.0	186.4	186.2
-42.5°	141.8	145.3	148.7	151.4	151.9	155.1	157.3	157.2	160.3	162.2	162.4
-45°	125.6	129.6	132.1	133.8	135.2	137.8	139.0	139.6	142.2	143.7	144.4
-47.5°	113.3	116.1	118.3	119.4	121.7	123.7	124.6	126.0	128.0	129.2	129.9
-50°	102.4	104.5	106.3	107.7	110.0	111.6	112.4	114.2	115.9	117.0	117.7
-52.5°	92.8	94.8	95.9	97.4	99.4	100.8	101.9	103.6	105.0	105.9	106.4
-55°	84.3	86.1	87.2	88.6	90.0	91.0	92.2	93.7	94.8	95.7	95.9
-57.5°	76.1	77.8	79.2	80.4	81.3	82.0	83.0	84.2	85.1	85.7	85.9
-60°	68.2	69.5	70.9	72.1	73.0	73.6	74.5	75.3	76.0	76.4	76.4
-62.5°	60.8	61.8	62.9	63.9	64.5	65.0	66.0	66.7	67.2	67.5	67.5
-65°	53.9	54.6	55.5	56.2	56.7	57.2	58.0	58.6	58.9	59.1	59.0
-67.5°	47.7	48.2	48.7	49.2	49.6	50.1	50.7	51.1	51.5	51.7	51.7
-70°	41.5	42.0	42.4	42.6	42.7	43.0	43.4	43.8	44.0	44.1	44.1
-72.5°	35.3	35.6	35.8	36.0	36.1	36.3	36.5	36.7	36.7	36.7	36.6
-75°	29.6	29.8	30.0	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2
-77.5°	23.7	24.0	24.2	24.3	24.3	24.4	24.4	24.3	24.2	24.1	24.0
-80°	18.5	18.7	18.8	18.9	18.8	18.9	19.0	18.9	18.9	18.9	18.9
-82.5°	13.4	13.5	13.5	13.6	13.6	13.7	13.8	13.8	13.9	13.9	13.9
-85°	8.2	8.2	8.2	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.9
-87.5°	3.4	3.4	3.3	3.3	3.2	2.9	2.6	2.3	2.0	2.1	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: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	4.2	4.2	4.5	4.9	4.5	4.2	4.2	4.1	4.1	4.1	4.2
85°	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.6	11.4	11.3	11.4
82.5°	19.5	19.4	19.5	19.5	19.5	19.4	19.5	19.5	19.4	19.4	19.7
80°	29.1	29.2	28.9	28.6	28.9	29.2	29.1	29.1	28.9	28.8	29.4
77.5°	40.5	40.2	39.7	39.0	39.7	40.2	40.5	40.6	40.6	40.6	41.6
75°	54.5	54.0	53.6	53.0	53.6	54.0	54.5	54.8	54.9	55.1	56.4
72.5°	70.9	70.1	70.3	70.4	70.3	70.1	70.9	71.5	71.8	72.4	74.1
70°	90.5	88.9	89.1	89.2	89.1	88.9	90.5	91.6	92.4	93.3	95.2
67.5°	115.2	113.2	113.1	112.9	113.1	113.2	115.2	116.7	117.6	118.6	120.1
65°	145.5	144.2	143.0	141.4	143.0	144.2	145.5	146.3	146.5	147.3	148.5
62.5°	180.1	178.4	178.1	177.7	178.1	178.4	180.1	180.8	180.7	181.5	182.1
60°	217.9	216.5	216.6	216.7	216.6	216.5	217.9	218.3	217.8	219.7	221.0
57.5°	263.2	261.2	260.8	260.6	260.8	261.2	263.2	263.7	262.6	264.0	264.5
55°	318.7	318.6	317.7	315.6	317.7	318.6	318.7	317.3	314.7	314.5	313.1
52.5°	375.3	376.1	375.8	374.2	375.8	376.1	375.3	372.8	369.6	368.2	364.9
50°	432.0	432.3	432.3	432.0	432.3	432.3	432.0	429.4	426.7	425.1	420.4
47.5°	495.2	496.0	495.4	493.3	495.4	496.0	495.2	491.6	490.0	488.6	482.5
45°	571.3	570.9	568.6	565.8	568.6	570.9	571.3	567.3	566.8	564.1	556.1
42.5°	663.1	662.8	660.0	657.1	660.0	662.8	663.1	658.2	661.2	657.8	648.3
40°	780.1	782.1	778.8	772.7	778.8	782.1	780.1	772.9	775.6	770.2	764.2
37.5°	921.4	924.5	920.4	914.2	920.4	924.5	921.4	916.2	916.0	901.3	899.1
35°	1092.4	1098.5	1093.7	1082.8	1093.7	1098.5	1092.4	1087.7	1085.5	1073.5	1060.3
32.5°	1280.6	1292.1	1292.0	1289.7	1292.0	1292.1	1280.6	1268.2	1260.5	1244.1	1218.1
30°	1418.4	1433.7	1445.0	1445.8	1445.0	1433.7	1418.4	1396.8	1393.0	1352.5	1325.5
27.5°	1433.7	1449.6	1469.8	1477.9	1469.8	1449.6	1433.7	1413.0	1409.2	1358.2	1343.9
25°	1346.8	1355.5	1366.0	1372.6	1366.0	1355.5	1346.8	1331.3	1310.4	1286.1	1261.1
22.5°	1242.7	1252.7	1258.4	1264.6	1258.4	1252.7	1242.7	1231.6	1213.3	1193.9	1170.3
20°	1155.2	1168.2	1171.1	1175.5	1171.1	1168.2	1155.2	1142.7	1129.3	1111.2	1090.8
17.5°	1079.7	1088.2	1091.3	1099.5	1091.3	1088.2	1079.7	1067.7	1056.6	1039.9	1022.0
15°	1013.9	1018.6	1021.0	1024.3	1021.0	1018.6	1013.9	1004.8	994.4	980.8	965.4
12.5°	963.0	967.4	967.2	967.8	967.2	967.4	963.0	957.9	947.9	939.1	923.0
10°	933.4	937.0	938.4	937.2	938.4	937.0	933.4	930.0	924.0	914.6	903.0
7.5°	920.8	921.4	923.2	923.2	923.2	921.4	920.8	916.5	910.6	902.4	889.6
5°	909.0	911.5	909.4	913.5	909.4	911.5	909.0	905.3	897.7	888.1	877.3
2.5°	887.5	890.0	888.6	884.9	888.6	890.0	887.5	883.6	876.2	866.8	853.6
0°	866.1	870.3	873.1	869.6	873.1	870.3	866.1	862.6	856.3	845.9	833.3
-2.5°	854.1	857.1	856.5	850.1	856.5	857.1	854.1	850.3	842.4	832.5	819.9
-5°	836.5	837.6	837.2	838.2	837.2	837.6	836.5	830.9	823.2	813.0	802.2
-7.5°	800.1	801.6	803.0	806.2	803.0	801.6	800.1	797.3	789.0	780.9	766.3
-10°	747.8	750.7	748.9	750.4	748.9	750.7	747.8	744.4	740.3	731.3	721.1
-12.5°	702.2	704.1	702.4	703.0	702.4	704.1	702.2	699.0	691.6	685.5	673.5
-15°	666.6	668.7	669.1	670.3	669.1	668.7	666.6	661.4	655.7	646.3	636.5
-17.5°	633.1	637.1	640.0	641.0	640.0	637.1	633.1	628.7	621.8	612.6	601.1
-20°	598.6	603.5	607.6	608.3	607.6	603.5	598.6	593.3	586.0	577.2	564.7



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	558.0	562.8	567.4	568.6	567.4	562.8	558.0	551.9	544.8	534.7	522.9
-25°	508.6	514.5	518.4	518.4	518.4	514.5	508.6	502.5	495.0	484.8	473.8
-27.5°	450.6	456.4	459.0	459.2	459.0	456.4	450.6	445.2	436.4	428.9	418.1
-30°	388.5	393.1	393.2	393.0	393.2	393.1	388.5	384.3	377.2	369.7	360.5
-32.5°	324.8	327.3	325.9	325.4	325.9	327.3	324.8	321.3	314.9	308.9	304.7
-35°	266.4	266.3	264.1	265.5	264.1	266.3	266.4	265.4	262.4	256.0	255.4
-37.5°	222.3	221.8	220.0	220.9	220.0	221.8	222.3	221.0	219.4	215.2	214.5
-40°	187.6	187.8	187.3	187.4	187.3	187.8	187.6	186.2	186.4	184.0	182.0
-42.5°	163.1	162.9	162.4	162.3	162.4	162.9	163.1	162.4	162.2	160.3	157.2
-45°	144.8	144.3	143.9	144.2	143.9	144.3	144.8	144.4	143.7	142.2	139.6
-47.5°	130.5	130.6	130.5	130.3	130.5	130.6	130.5	129.9	129.2	128.0	126.0
-50°	117.9	117.6	117.6	117.8	117.6	117.6	117.9	117.7	117.0	115.9	114.2
-52.5°	106.5	106.3	106.2	105.9	106.2	106.3	106.5	106.4	105.9	105.0	103.6
-55°	95.8	95.3	95.1	94.8	95.1	95.3	95.8	95.9	95.7	94.8	93.7
-57.5°	85.8	85.5	85.3	85.0	85.3	85.5	85.8	85.9	85.7	85.1	84.2
-60°	76.2	75.7	75.5	75.3	75.5	75.7	76.2	76.4	76.4	76.0	75.3
-62.5°	67.2	66.7	66.8	66.9	66.8	66.7	67.2	67.5	67.5	67.2	66.7
-65°	58.8	58.4	58.4	58.5	58.4	58.4	58.8	59.0	59.1	58.9	58.6
-67.5°	51.6	51.4	51.2	50.9	51.2	51.4	51.6	51.7	51.7	51.5	51.1
-70°	44.0	43.7	43.5	43.2	43.5	43.7	44.0	44.1	44.1	44.0	43.8
-72.5°	36.4	36.1	36.2	36.2	36.2	36.1	36.4	36.6	36.7	36.7	36.7
-75°	30.1	29.9	30.0	30.0	30.0	29.9	30.1	30.2	30.2	30.2	30.2
-77.5°	23.9	23.6	23.7	23.7	23.7	23.6	23.9	24.0	24.1	24.2	24.3
-80°	18.8	18.7	18.4	18.1	18.4	18.7	18.8	18.9	18.9	18.9	18.9
-82.5°	13.9	13.8	13.9	13.9	13.9	13.8	13.9	13.9	13.9	13.9	13.8
-85°	6.6	6.3	6.3	6.3	6.3	6.3	6.6	6.9	7.1	7.3	7.5
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.9	4.9
85°	11.5	11.6	11.6	11.5	11.3	11.1	10.9	11.4	11.7	11.9	11.9
82.5°	20.0	20.2	20.3	20.5	20.5	20.3	20.1	20.3	20.4	20.5	20.4
80°	29.9	30.3	30.5	31.1	31.4	31.5	31.4	31.2	30.8	30.3	29.9
77.5°	42.4	42.9	43.4	44.0	44.3	44.3	43.9	43.8	43.5	43.0	41.8
75°	57.5	58.2	58.8	59.5	59.9	59.8	59.6	59.0	58.1	56.9	55.0
72.5°	75.4	76.2	76.8	77.3	77.3	77.3	76.9	75.9	74.4	72.2	69.3
70°	96.5	97.3	97.7	97.7	97.5	97.0	96.2	94.8	92.5	90.0	86.3
67.5°	121.0	121.4	121.7	121.6	121.1	119.7	118.2	115.9	113.4	110.3	104.9
65°	148.9	148.3	148.2	148.2	147.3	145.3	143.2	140.5	137.0	132.3	125.3
62.5°	181.6	179.8	180.0	179.5	177.6	174.2	170.8	167.4	162.7	156.4	148.8
60°	220.6	218.5	217.1	214.8	211.7	207.8	203.1	197.2	190.2	183.4	174.2
57.5°	263.7	261.6	258.2	253.5	247.8	243.5	237.9	229.9	221.6	213.1	202.1
55°	310.6	307.3	302.5	295.8	288.1	283.3	275.8	266.7	256.8	245.6	234.0
52.5°	359.8	355.9	349.9	341.4	334.3	327.9	317.7	307.2	296.3	284.3	268.9
50°	414.3	410.1	402.1	391.0	385.8	378.0	367.0	352.4	341.8	327.4	308.5
47.5°	477.6	472.7	462.1	450.3	445.1	434.5	421.8	407.5	395.1	375.7	354.3
45°	553.4	546.6	533.3	524.3	514.6	501.8	483.2	472.1	454.7	432.8	404.3
42.5°	646.2	634.9	618.9	612.0	598.0	579.9	560.2	545.9	523.7	495.3	461.9
40°	758.1	740.9	727.1	715.2	697.7	669.7	652.2	629.0	601.9	566.6	519.0
37.5°	889.7	868.4	854.7	837.3	812.1	779.1	751.3	723.3	687.7	631.6	576.3
35°	1040.6	1016.3	992.6	970.3	937.4	886.9	853.0	819.6	767.4	688.7	628.2
32.5°	1203.1	1153.7	1125.1	1097.8	1034.9	977.2	939.8	912.4	814.0	733.1	671.2
30°	1298.0	1239.9	1209.3	1171.8	1087.1	1033.5	1005.4	926.3	837.5	762.0	702.9
27.5°	1290.8	1250.3	1221.2	1157.1	1094.4	1047.2	993.3	918.1	839.8	770.7	716.0
25°	1226.2	1190.1	1154.1	1104.8	1054.1	1010.4	954.1	887.5	820.3	761.3	701.5
22.5°	1142.4	1112.2	1078.1	1038.2	996.5	954.3	904.1	846.7	790.6	738.5	680.8
20°	1067.3	1040.1	1008.0	975.6	940.9	900.1	852.7	806.6	763.2	713.2	657.8
17.5°	1001.7	975.5	951.2	923.1	888.2	847.3	815.4	779.0	735.9	687.0	633.1
15°	944.4	927.8	905.1	875.2	845.1	819.4	788.9	752.1	708.4	659.2	609.8
12.5°	910.6	891.8	865.6	846.6	823.7	795.7	763.0	724.5	683.3	642.7	599.4
10°	886.5	869.2	850.6	829.4	803.8	773.1	741.3	707.5	670.4	630.5	587.5
7.5°	874.8	856.8	836.1	813.0	786.7	757.8	726.6	692.8	655.7	616.6	574.2
5°	861.3	840.8	818.3	795.9	770.1	741.5	710.3	676.7	639.2	600.9	559.2
2.5°	838.6	819.7	798.4	777.2	752.3	725.0	693.9	661.7	625.4	588.0	547.8
0°	818.7	801.3	781.1	760.2	735.8	710.7	678.0	647.3	611.8	574.1	534.4
-2.5°	804.6	787.5	767.7	746.4	721.5	693.8	662.6	630.4	595.4	557.2	518.5
-5°	785.9	767.1	746.0	722.5	697.6	669.4	639.4	607.6	574.2	537.4	500.6
-7.5°	750.7	735.7	718.6	695.5	669.4	640.5	610.0	578.1	545.0	509.6	473.8
-10°	706.6	691.3	674.9	656.4	634.7	608.5	578.0	546.4	513.9	480.1	445.3
-12.5°	663.5	648.8	629.3	612.7	594.3	570.9	542.9	512.9	480.8	448.8	415.5
-15°	622.7	610.4	593.2	572.7	552.9	531.8	506.3	479.0	448.3	416.9	384.3
-17.5°	588.6	573.3	557.1	538.2	516.3	491.8	468.6	443.3	415.2	385.9	355.1
-20°	551.7	536.6	519.0	500.0	478.8	455.4	431.4	406.6	380.8	354.1	326.3



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	509.9	494.9	477.5	458.6	438.4	416.7	394.2	370.3	345.2	321.9	297.6
-25°	461.5	447.5	429.6	412.8	395.3	376.1	355.3	334.0	312.4	290.3	269.7
-27.5°	407.1	393.5	379.0	365.1	350.1	333.8	316.1	298.1	280.6	262.2	243.7
-30°	350.6	340.8	329.3	316.5	305.6	292.6	277.7	265.0	250.8	235.3	219.7
-32.5°	296.5	290.3	281.7	272.3	263.5	254.3	245.0	233.5	222.1	210.1	197.8
-35°	250.3	244.6	239.8	233.8	225.5	221.4	214.5	205.4	195.6	186.2	177.1
-37.5°	211.9	206.4	204.2	200.5	196.4	191.4	186.1	180.1	171.6	165.5	158.7
-40°	181.1	177.1	174.8	173.7	170.7	163.9	162.0	157.7	153.1	146.8	141.7
-42.5°	157.3	155.1	151.9	151.4	148.7	145.3	141.8	140.0	136.5	131.8	127.1
-45°	139.0	137.8	135.2	133.8	132.1	129.6	125.6	124.4	122.0	118.6	113.8
-47.5°	124.6	123.7	121.7	119.4	118.3	116.1	113.3	110.9	109.6	106.7	103.1
-50°	112.4	111.6	110.0	107.7	106.3	104.5	102.4	99.6	98.5	96.3	93.2
-52.5°	101.9	100.8	99.4	97.4	95.9	94.8	92.8	90.5	88.6	86.9	84.3
-55°	92.2	91.0	90.0	88.6	87.2	86.1	84.3	82.0	79.9	78.2	76.5
-57.5°	83.0	82.0	81.3	80.4	79.2	77.8	76.1	74.0	72.0	70.9	69.3
-60°	74.5	73.6	73.0	72.1	70.9	69.5	68.2	66.7	65.1	63.9	62.6
-62.5°	66.0	65.0	64.5	63.9	62.9	61.8	60.8	59.8	58.6	57.4	56.2
-65°	58.0	57.2	56.7	56.2	55.5	54.6	53.9	53.2	52.3	51.2	50.0
-67.5°	50.7	50.1	49.6	49.2	48.7	48.2	47.7	47.1	46.2	45.0	43.9
-70°	43.4	43.0	42.7	42.6	42.4	42.0	41.5	40.8	39.9	39.0	38.3
-72.5°	36.5	36.3	36.1	36.0	35.8	35.6	35.3	34.9	34.4	33.9	33.0
-75°	30.2	30.1	30.1	30.1	30.0	29.8	29.6	29.2	28.7	28.0	27.2
-77.5°	24.4	24.4	24.3	24.3	24.2	24.0	23.7	23.4	23.0	22.5	21.9
-80°	19.0	18.9	18.8	18.9	18.8	18.7	18.5	18.2	17.8	17.4	17.1
-82.5°	13.8	13.7	13.6	13.6	13.5	13.5	13.4	13.2	13.0	12.8	12.6
-85°	7.7	7.9	8.1	8.2	8.2	8.2	8.2	8.3	8.4	8.5	8.6
-87.5°	2.6	2.9	3.2	3.3	3.3	3.4	3.4	3.8	4.0	4.3	4.5
-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: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	4.7	4.5	4.3	4.0	3.9	3.7	3.5	3.3	2.9	2.6	2.3
85°	11.3	10.6	9.8	8.9	8.2	7.3	6.9	6.5	5.9	5.3	4.6
82.5°	19.5	18.6	17.6	16.5	15.2	13.9	12.6	11.2	9.6	8.0	6.9
80°	28.9	27.7	26.3	24.6	22.7	20.5	18.6	16.7	14.5	12.3	10.2
77.5°	39.8	37.6	35.4	33.4	31.1	28.6	25.8	22.6	19.4	16.6	13.9
75°	52.0	49.2	46.4	43.4	40.1	36.7	33.5	29.7	25.3	21.0	17.6
72.5°	66.0	62.2	58.1	53.7	50.0	45.9	41.6	36.6	31.4	26.3	21.5
70°	81.6	76.2	71.2	66.2	60.8	55.2	50.3	44.2	37.4	31.5	25.9
67.5°	98.6	92.8	86.3	79.2	72.9	66.3	59.2	51.7	44.0	36.7	30.3
65°	118.5	110.8	102.3	94.8	86.4	77.7	69.9	59.5	50.5	42.3	34.5
62.5°	140.0	130.3	121.2	111.3	101.4	91.2	80.2	68.5	57.1	47.8	39.1
60°	163.4	152.5	141.1	130.2	118.0	105.5	92.2	77.1	64.7	53.1	43.6
57.5°	190.3	176.0	164.4	150.6	136.4	121.5	104.1	86.9	72.1	59.2	48.0
55°	219.2	204.2	189.6	174.1	156.5	139.1	116.5	96.9	79.4	65.4	52.0
52.5°	251.9	235.2	218.1	199.3	179.6	156.1	129.9	106.3	87.7	71.2	56.7
50°	288.2	269.7	249.2	227.2	203.6	174.4	142.6	117.3	95.5	77.1	61.1
47.5°	329.7	307.9	283.6	256.9	230.5	191.1	156.7	127.7	102.8	83.5	65.3
45°	377.5	349.2	320.6	290.5	251.6	208.4	170.4	137.4	111.3	88.9	69.0
42.5°	427.0	394.2	360.7	324.8	273.0	224.8	182.8	148.2	119.2	93.7	72.9
40°	479.2	441.0	402.1	352.8	292.5	239.6	195.9	158.1	126.3	98.5	76.8
37.5°	530.1	488.0	445.6	373.5	309.8	255.1	207.8	166.9	132.5	103.7	80.1
35°	578.8	533.9	465.9	391.1	325.5	268.2	218.2	175.3	138.8	108.3	83.1
32.5°	622.6	561.8	480.0	405.1	337.9	278.9	227.9	182.7	144.1	112.3	85.6
30°	649.0	568.0	488.7	414.5	347.2	288.0	235.8	188.8	148.4	115.6	87.9
27.5°	644.1	568.5	491.7	419.3	353.3	294.5	241.5	193.4	151.7	118.5	90.5
25°	633.5	561.3	488.6	419.4	355.7	298.7	245.5	196.7	154.9	121.1	92.5
22.5°	616.9	549.1	480.8	415.3	357.7	300.9	248.1	199.5	157.3	122.9	94.1
20°	597.3	532.9	470.4	414.5	357.7	301.6	249.3	201.1	158.7	124.0	95.2
17.5°	574.7	519.8	466.3	411.4	355.6	300.6	248.8	201.3	159.1	124.3	95.8
15°	562.8	512.7	460.3	406.4	351.8	297.8	246.8	200.3	158.4	124.0	96.2
12.5°	552.9	503.6	452.5	399.6	346.2	293.3	243.3	198.1	156.8	123.5	96.3
10°	541.3	492.7	442.9	391.1	338.8	287.3	238.4	195.1	155.7	122.9	95.9
7.5°	528.1	479.9	431.5	380.8	330.3	281.1	234.2	191.8	154.0	121.8	95.1
5°	514.5	467.8	421.2	371.9	322.4	275.1	229.3	187.5	151.6	120.2	94.0
2.5°	504.1	457.6	411.0	361.9	313.1	267.7	223.5	182.3	148.5	118.2	92.4
0°	491.9	445.9	399.3	350.5	302.4	259.2	216.7	176.3	144.9	115.7	90.6
-2.5°	475.7	430.5	384.9	338.3	292.5	250.4	209.9	171.6	141.3	113.3	89.1
-5°	457.6	413.3	368.9	324.8	281.4	240.7	202.3	166.3	137.3	110.6	87.4
-7.5°	433.8	392.3	351.0	309.9	269.2	230.2	194.1	160.5	132.8	107.6	85.5
-10°	407.4	368.6	330.6	292.7	255.3	219.0	185.3	154.2	128.0	104.2	83.3
-12.5°	379.7	344.1	309.4	274.7	240.6	207.5	176.6	147.9	123.0	100.6	81.0
-15°	350.6	319.0	287.5	256.3	225.5	195.7	167.6	141.5	118.3	97.1	78.5
-17.5°	321.5	293.5	265.1	237.5	210.1	183.6	158.3	134.8	113.4	93.6	75.9
-20°	297.4	270.3	242.5	218.7	194.5	171.4	149.0	127.9	108.3	89.9	73.4



REPORT NUMBER: P561378 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	273.5	249.3	224.5	200.5	179.4	159.2	139.7	120.8	103.0	86.1	70.7
-25°	249.6	228.5	207.2	186.1	165.3	148.0	130.8	113.7	97.7	82.1	67.9
-27.5°	226.6	208.3	190.0	172.0	154.1	137.2	122.3	107.2	92.5	78.1	64.9
-30°	204.5	189.5	174.2	158.4	142.8	128.2	113.9	100.7	87.5	74.2	61.8
-32.5°	184.5	171.2	159.1	146.0	132.5	119.4	106.2	94.4	82.5	70.4	58.9
-35°	166.9	155.5	144.8	133.8	122.7	111.2	99.2	88.2	77.5	66.5	56.0
-37.5°	150.1	141.6	131.9	122.5	113.1	103.0	92.9	82.8	72.5	62.6	53.1
-40°	135.8	128.5	120.2	112.4	104.2	95.0	86.6	77.4	67.8	58.5	50.2
-42.5°	122.2	116.5	109.9	102.7	95.6	88.1	80.4	72.1	63.4	54.9	47.2
-45°	110.2	105.4	100.2	94.2	87.4	81.4	74.5	66.8	59.0	51.4	44.2
-47.5°	99.1	95.7	91.3	86.0	80.5	75.0	68.7	62.0	54.5	47.9	41.4
-50°	89.5	86.7	83.1	78.8	74.0	68.8	63.1	57.1	50.8	44.6	38.5
-52.5°	81.5	78.8	75.7	72.0	67.7	62.8	58.0	52.4	47.0	41.3	35.6
-55°	74.2	71.5	68.9	65.6	61.6	57.4	52.9	48.2	43.1	38.1	32.7
-57.5°	67.3	64.8	62.4	59.4	56.0	52.3	48.2	43.9	39.5	34.8	30.2
-60°	60.7	58.6	56.2	53.7	50.7	47.3	43.6	39.8	35.9	31.7	27.8
-62.5°	54.5	52.6	50.5	48.2	45.5	42.4	39.1	36.0	32.4	28.9	25.3
-65°	48.5	46.9	45.1	42.9	40.4	37.7	35.1	32.2	29.2	26.1	22.9
-67.5°	42.7	41.3	39.6	37.6	35.6	33.5	31.1	28.7	26.1	23.3	20.3
-70°	37.3	36.0	34.4	32.8	31.1	29.2	27.4	25.2	22.9	20.5	17.8
-72.5°	31.9	30.7	29.4	28.1	26.8	25.4	23.7	21.8	19.9	17.7	15.3
-75°	26.3	25.6	24.9	24.0	22.9	21.5	20.1	18.6	16.8	14.9	13.0
-77.5°	21.5	21.1	20.6	19.9	18.8	17.7	16.6	15.4	13.8	12.3	10.7
-80°	16.9	16.5	16.1	15.5	14.7	13.9	13.1	12.2	11.0	9.8	8.5
-82.5°	12.3	12.1	11.8	11.5	11.0	10.4	9.8	9.0	8.1	7.2	6.3
-85°	8.5	8.3	8.1	7.9	7.5	7.0	6.5	5.9	5.4	4.8	4.2
-87.5°	4.4	4.3	4.2	4.0	3.8	3.5	3.2	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



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.7	1.3	1.0	0.7	0.3	0.0
85°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
82.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
80°	8.1	6.6	5.3	4.0	2.7	1.3	0.0
77.5°	11.2	8.6	6.6	5.0	3.3	1.7	0.0
75°	14.3	11.1	8.0	6.0	4.0	2.0	0.0
72.5°	17.4	13.5	9.9	6.9	4.6	2.3	0.0
70°	20.5	16.0	11.8	8.0	5.3	2.6	0.0
67.5°	24.1	18.3	13.6	9.3	5.9	2.9	0.0
65°	27.5	20.8	15.4	10.6	6.5	3.3	0.0
62.5°	30.9	23.5	17.1	11.8	7.1	3.6	0.0
60°	34.1	26.1	18.8	13.0	7.7	3.8	0.0
57.5°	37.5	28.5	20.7	14.2	8.4	4.1	0.0
55°	40.9	30.9	22.5	15.3	9.2	4.4	0.0
52.5°	44.0	33.2	24.2	16.4	9.9	4.7	0.0
50°	47.0	35.6	25.9	17.5	10.6	4.9	0.0
47.5°	49.8	37.8	27.4	18.5	11.2	5.2	0.0
45°	53.0	39.9	28.9	19.6	11.8	5.4	0.0
42.5°	55.9	41.8	30.3	20.6	12.4	5.7	0.0
40°	58.6	43.6	31.6	21.6	13.0	5.9	0.0
37.5°	61.0	45.2	32.9	22.4	13.5	6.1	0.0
35°	63.1	46.9	34.1	23.2	14.0	6.3	0.0
32.5°	65.0	48.5	35.2	24.0	14.4	6.5	0.0
30°	67.0	49.9	36.1	24.6	14.8	6.7	0.0
27.5°	68.6	51.1	37.0	25.2	15.2	6.8	0.0
25°	69.9	52.0	37.7	25.8	15.5	7.0	0.0
22.5°	70.9	52.9	38.4	26.2	15.8	7.1	0.0
20°	71.5	53.7	39.0	26.6	16.0	7.2	0.0
17.5°	72.2	54.4	39.4	26.9	16.2	7.3	0.0
15°	72.7	54.8	39.8	27.2	16.4	7.4	0.0
12.5°	73.0	55.1	40.0	27.3	16.6	7.5	0.0
10°	73.1	55.3	40.1	27.4	16.7	7.6	0.0
7.5°	72.9	55.3	40.2	27.5	16.7	7.6	0.0
5°	72.5	55.1	40.1	27.4	16.8	7.7	0.0
2.5°	71.9	54.8	40.0	27.4	16.7	7.7	0.0
0°	71.1	54.3	39.7	27.2	16.7	7.7	0.0
-2.5°	70.2	53.7	39.4	27.1	16.7	7.7	0.0
-5°	69.0	53.0	39.0	26.9	16.6	7.7	0.0
-7.5°	67.7	52.1	38.5	26.7	16.5	7.6	0.0
-10°	66.3	51.1	38.0	26.4	16.3	7.6	0.0
-12.5°	64.6	50.0	37.3	26.0	16.1	7.5	0.0
-15°	62.8	48.8	36.6	25.6	15.9	7.4	0.0
-17.5°	60.9	47.6	35.8	25.1	15.7	7.3	0.0
-20°	59.0	46.2	35.0	24.6	15.4	7.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.0	44.8	34.0	24.1	15.1	7.1	0.0
-25°	55.0	43.3	33.0	23.5	14.8	7.0	0.0
-27.5°	52.9	41.9	32.0	22.8	14.4	6.8	0.0
-30°	50.6	40.3	30.9	22.1	14.0	6.7	0.0
-32.5°	48.3	38.7	29.8	21.4	13.6	6.5	0.0
-35°	46.2	37.0	28.6	20.6	13.2	6.3	0.0
-37.5°	44.0	35.3	27.4	19.8	12.7	6.1	0.0
-40°	41.7	33.7	26.1	18.9	12.2	5.9	0.0
-42.5°	39.4	32.0	24.9	18.0	11.7	5.7	0.0
-45°	37.1	30.3	23.6	17.1	11.2	5.4	0.0
-47.5°	34.6	28.6	22.4	16.2	10.7	5.2	0.0
-50°	32.5	26.8	21.0	15.3	10.1	4.9	0.0
-52.5°	30.4	25.0	19.7	14.4	9.5	4.7	0.0
-55°	28.2	23.3	18.3	13.5	8.9	4.4	0.0
-57.5°	26.0	21.5	16.9	12.6	8.3	4.1	0.0
-60°	23.9	19.7	15.4	11.7	7.7	3.8	0.0
-62.5°	21.7	17.9	14.2	10.7	7.1	3.6	0.0
-65°	19.5	16.0	12.9	9.7	6.5	3.3	0.0
-67.5°	17.3	14.3	11.6	8.8	5.9	2.9	0.0
-70°	15.0	12.7	10.3	7.7	5.3	2.6	0.0
-72.5°	13.1	11.1	9.0	6.8	4.6	2.3	0.0
-75°	11.1	9.4	7.6	5.8	4.0	2.0	0.0
-77.5°	9.2	7.8	6.3	4.9	3.3	1.7	0.0
-80°	7.2	6.2	5.1	3.9	2.7	1.3	0.0
-82.5°	5.4	4.7	3.8	2.9	2.0	1.0	0.0
-85°	3.6	3.1	2.6	2.0	1.3	0.7	0.0
-87.5°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)