

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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4C-940-U-TS-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

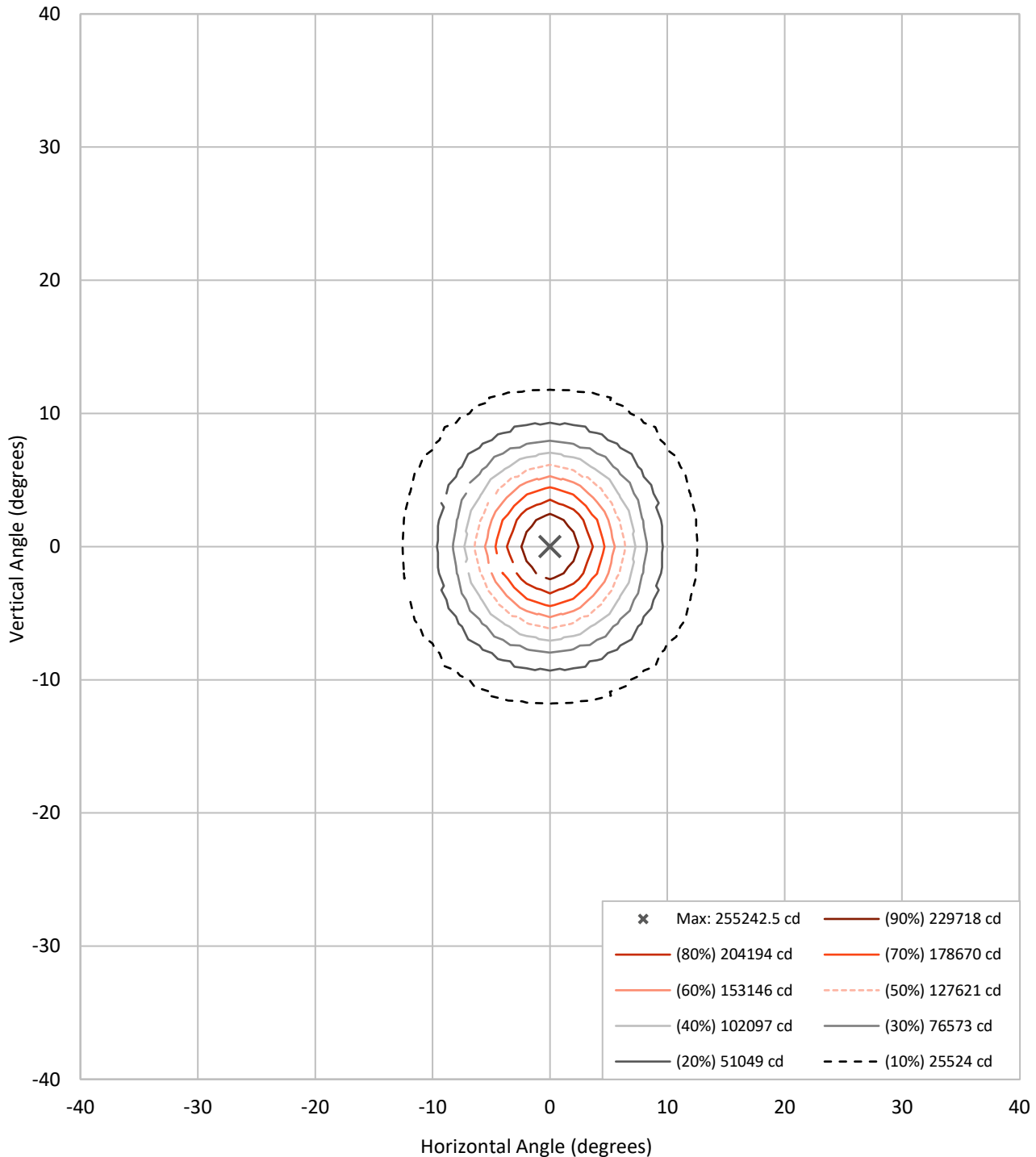
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	18501.7 lumens	Max Intensity:	255242.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5846.2 lumens	Field Lumens:	12951.4 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 164  
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





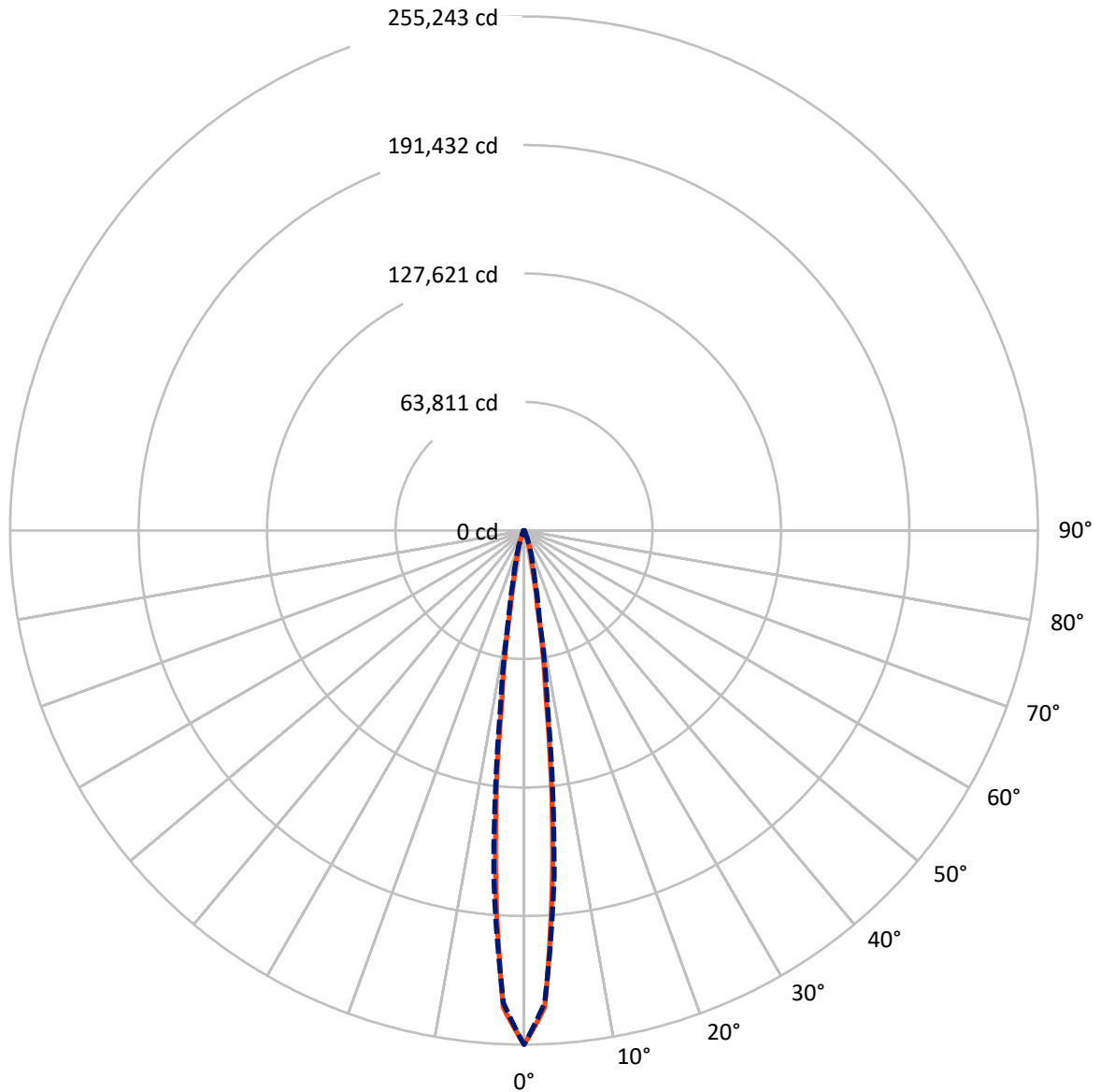
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### Lumen Table

90	0.3	2.1		5.9		9.6		11.1		9.6		5.9		2.1		0.3			
80	0.3	2.1		5.9		9.6		11.1		9.6		5.9		2.1		0.3			
70	1.0	1.1	2.4	4.0	5.4	6.7	7.6	8.1	8.1	7.6	6.7	5.4	4.0	2.4	1.1	1.0			
60		1.8	3.6	5.4	7.0	8.3	9.1	9.4	9.4	9.1	8.3	7.0	5.4	3.6	1.8				
50	1.8	2.3	4.4	6.3	7.9	9.2	10.3	10.8	10.8	10.3	9.2	7.9	6.3	4.4	2.3	1.8			
40		2.8	4.9	6.8	8.7	11.3	14.1	15.9	15.9	14.1	11.3	8.7	6.8	4.9	2.8				
30	2.4	3.1	5.2	7.3	10.3	16.0	35.5	64.6	64.6	35.5	16.0	10.3	7.3	5.2	3.1	2.4			
20		3.2	5.4	7.7	12.2	34.4	194.0	426.8	426.8	194.0	34.4	12.2	7.7	5.4	3.2				
10	2.6	3.3	5.4	7.9	13.5	65.9	465.7	3012.8	3012.8	465.7	65.9	13.5	7.9	5.4	3.3	2.6			
0		3.3	5.4	7.9	13.5	65.9	465.7	3012.8	3012.8	465.7	65.9	13.5	7.9	5.4	3.3				
-10	2.4	3.2	5.4	7.7	12.2	34.4	194.0	426.8	426.8	194.0	34.4	12.2	7.7	5.4	3.2	2.4			
-20		3.1	5.2	7.3	10.3	16.0	35.5	64.6	64.6	35.5	16.0	10.3	7.3	5.2	3.1				
-30	1.8	2.8	4.9	6.8	8.7	11.3	14.1	15.9	15.9	14.1	11.3	8.7	6.8	4.9	2.8	1.8			
-40		2.3	4.4	6.3	7.9	9.2	10.3	10.8	10.8	10.3	9.2	7.9	6.3	4.4	2.3				
-50	1.0	1.8	3.6	5.4	7.0	8.3	9.1	9.4	9.4	9.1	8.3	7.0	5.4	3.6	1.8	1.0			
-60		1.1	2.4	4.0	5.4	6.7	7.6	8.1	8.1	7.6	6.7	5.4	4.0	2.4	1.1				
-70	0.3	2.1		5.9		9.6		11.1		9.6		5.9		2.1		0.3			
-80		2.1		5.9		9.6		11.1		9.6		5.9		2.1					
-90	0.3	2.1		5.9		9.6		11.1		9.6		5.9		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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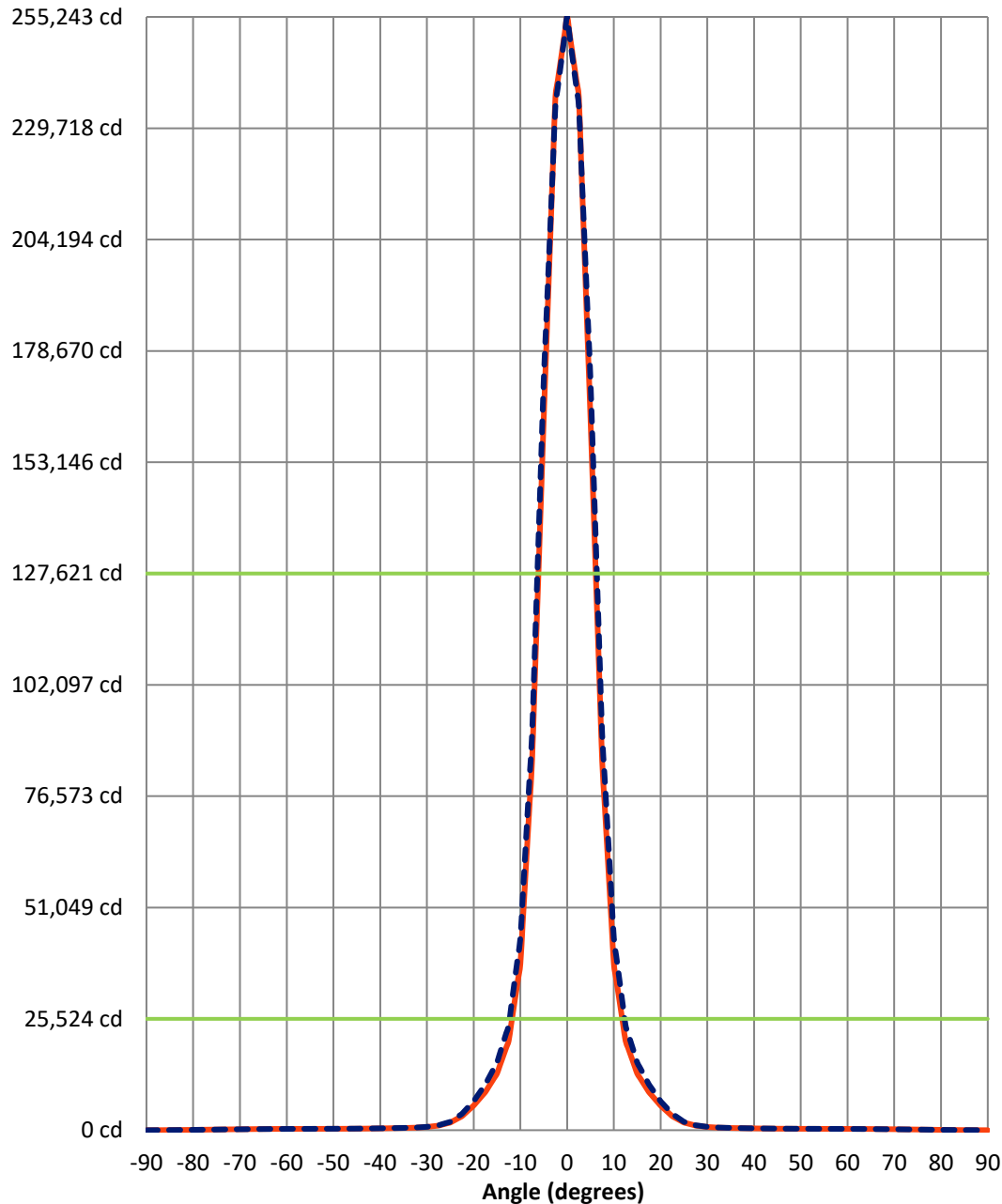
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 5846.2  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 12951.4  
Efficiency: 70.0%

**Spill:**  
Lumens: 5550.3  
Efficiency: 30.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.1
85°	0.0	1.2	2.4	3.5	4.5	5.4	6.2	7.2	8.2	9.2	10.1
82.5°	0.0	1.8	3.6	5.2	6.7	8.1	9.3	10.8	12.4	14.7	17.0
80°	0.0	2.4	4.8	6.9	8.9	10.7	12.6	15.5	18.5	21.7	24.9
77.5°	0.0	3.0	5.9	8.6	11.1	13.7	17.0	20.7	24.5	28.6	32.9
75°	0.0	3.5	7.1	10.3	13.4	17.4	21.3	25.8	30.6	36.1	41.4
72.5°	0.0	4.1	8.2	12.0	16.3	21.0	25.6	31.1	37.7	43.9	49.8
70°	0.0	4.7	9.4	13.8	19.2	24.6	30.0	37.4	44.7	51.7	61.4
67.5°	0.0	5.2	10.5	15.9	22.0	28.1	35.4	43.6	51.7	62.4	73.5
65°	0.0	5.8	11.6	17.9	24.8	32.0	40.7	49.7	60.8	72.8	85.5
62.5°	0.0	6.3	12.6	20.0	27.5	36.2	45.9	56.8	69.6	83.1	98.0
60°	0.0	6.8	13.7	22.0	30.1	40.4	50.9	64.2	78.1	94.1	110.1
57.5°	0.0	7.4	15.0	23.9	33.3	44.4	56.9	71.3	87.4	104.9	122.5
55°	0.0	7.9	16.2	25.8	36.4	48.3	62.9	78.3	96.7	115.4	134.7
52.5°	0.0	8.3	17.4	27.7	39.4	52.3	68.7	86.1	105.8	126.2	146.6
50°	0.0	8.8	18.6	29.5	42.3	57.0	74.3	93.9	114.6	136.5	158.4
47.5°	0.0	9.3	19.7	31.3	45.1	61.5	79.9	101.3	123.5	146.5	169.9
45°	0.0	9.7	20.8	33.3	47.8	65.8	86.0	108.4	132.2	156.6	181.1
42.5°	0.0	10.1	21.8	35.2	50.3	70.0	91.8	115.4	140.5	166.2	190.7
40°	0.0	10.5	22.8	37.0	53.1	74.0	97.3	122.3	148.5	175.5	199.6
37.5°	0.0	10.9	23.8	38.6	56.1	77.8	102.5	128.9	156.2	184.0	208.2
35°	0.0	11.2	24.7	40.2	59.0	81.7	107.3	135.1	163.6	191.1	215.9
32.5°	0.0	11.6	25.5	41.6	61.6	85.5	112.0	140.9	170.4	197.7	222.5
30°	0.0	11.9	26.3	42.9	64.1	89.0	116.7	146.3	176.7	204.0	228.6
27.5°	0.0	12.2	27.0	44.1	66.4	92.3	120.9	151.5	182.2	209.7	234.3
25°	0.0	12.4	27.7	45.2	68.5	95.3	124.9	156.1	186.9	214.6	239.4
22.5°	0.0	12.7	28.3	46.2	70.4	98.0	128.5	160.3	191.1	218.8	243.4
20°	0.0	12.9	28.8	47.1	72.2	100.5	131.7	164.1	194.8	222.5	246.9
17.5°	0.0	13.1	29.3	47.8	73.7	102.7	134.6	167.3	198.1	225.8	250.1
15°	0.0	13.2	29.7	48.5	75.1	104.6	137.1	170.2	201.0	228.6	252.9
12.5°	0.0	13.4	30.1	49.0	76.3	106.3	139.3	172.5	203.3	231.0	255.3
10°	0.0	13.5	30.4	49.4	77.2	107.6	141.1	174.4	205.2	232.8	257.2
7.5°	0.0	13.6	30.6	49.6	78.0	108.7	142.5	175.7	206.6	234.2	258.5
5°	0.0	13.6	30.8	49.8	78.6	109.4	143.5	176.6	207.5	235.1	259.3
2.5°	0.0	13.7	30.9	49.9	78.9	109.9	144.1	177.0	208.0	235.5	259.7
0°	0.0	13.7	30.9	49.8	79.0	110.0	144.3	177.0	207.9	235.4	259.5
-2.5°	0.0	13.7	30.9	49.9	78.9	109.9	144.1	177.0	208.0	235.5	259.7
-5°	0.0	13.6	30.8	49.8	78.6	109.4	143.5	176.6	207.5	235.1	259.3
-7.5°	0.0	13.6	30.6	49.6	78.0	108.7	142.5	175.7	206.6	234.2	258.5
-10°	0.0	13.5	30.4	49.4	77.2	107.6	141.1	174.4	205.2	232.8	257.2
-12.5°	0.0	13.4	30.1	49.0	76.3	106.3	139.3	172.5	203.3	231.0	255.3
-15°	0.0	13.2	29.7	48.5	75.1	104.6	137.1	170.2	201.0	228.6	252.9
-17.5°	0.0	13.1	29.3	47.8	73.7	102.7	134.6	167.3	198.1	225.8	250.1
-20°	0.0	12.9	28.8	47.1	72.2	100.5	131.7	164.1	194.8	222.5	246.9



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	28.3	46.2	70.4	98.0	128.5	160.3	191.1	218.8	243.4
-25°	0.0	12.4	27.7	45.2	68.5	95.3	124.9	156.1	186.9	214.6	239.4
-27.5°	0.0	12.2	27.0	44.1	66.4	92.3	120.9	151.5	182.2	209.7	234.3
-30°	0.0	11.9	26.3	42.9	64.1	89.0	116.7	146.3	176.7	204.0	228.6
-32.5°	0.0	11.6	25.5	41.6	61.6	85.5	112.0	140.9	170.4	197.7	222.5
-35°	0.0	11.2	24.7	40.2	59.0	81.7	107.3	135.1	163.6	191.1	215.9
-37.5°	0.0	10.9	23.8	38.6	56.1	77.8	102.5	128.9	156.2	184.0	208.2
-40°	0.0	10.5	22.8	37.0	53.1	74.0	97.3	122.3	148.5	175.5	199.6
-42.5°	0.0	10.1	21.8	35.2	50.3	70.0	91.8	115.4	140.5	166.2	190.7
-45°	0.0	9.7	20.8	33.3	47.8	65.8	86.0	108.4	132.2	156.6	181.1
-47.5°	0.0	9.3	19.7	31.3	45.1	61.5	79.9	101.3	123.5	146.5	169.9
-50°	0.0	8.8	18.6	29.5	42.3	57.0	74.3	93.9	114.6	136.5	158.4
-52.5°	0.0	8.3	17.4	27.7	39.4	52.3	68.7	86.1	105.8	126.2	146.6
-55°	0.0	7.9	16.2	25.8	36.4	48.3	62.9	78.3	96.7	115.4	134.7
-57.5°	0.0	7.4	15.0	23.9	33.3	44.4	56.9	71.3	87.4	104.9	122.5
-60°	0.0	6.8	13.7	22.0	30.1	40.4	50.9	64.2	78.1	94.1	110.1
-62.5°	0.0	6.3	12.6	20.0	27.5	36.2	45.9	56.8	69.6	83.1	98.0
-65°	0.0	5.8	11.6	17.9	24.8	32.0	40.7	49.7	60.8	72.8	85.5
-67.5°	0.0	5.2	10.5	15.9	22.0	28.1	35.4	43.6	51.7	62.4	73.5
-70°	0.0	4.7	9.4	13.8	19.2	24.6	30.0	37.4	44.7	51.7	61.4
-72.5°	0.0	4.1	8.2	12.0	16.3	21.0	25.6	31.1	37.7	43.9	49.8
-75°	0.0	3.5	7.1	10.3	13.4	17.4	21.3	25.8	30.6	36.1	41.4
-77.5°	0.0	3.0	5.9	8.6	11.1	13.7	17.0	20.7	24.5	28.6	32.9
-80°	0.0	2.4	4.8	6.9	8.9	10.7	12.6	15.5	18.5	21.7	24.9
-82.5°	0.0	1.8	3.6	5.2	6.7	8.1	9.3	10.8	12.4	14.7	17.0
-85°	0.0	1.2	2.4	3.5	4.5	5.4	6.2	7.2	8.2	9.2	10.1
-87.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.1
-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):**

	-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°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
85°	11.1	12.0	13.2	14.3	15.3	16.2	17.0	17.7	18.7	19.8	20.8
82.5°	18.9	20.6	22.0	23.2	24.4	25.6	26.9	28.9	31.5	34.0	36.3
80°	27.3	29.2	31.9	35.0	38.2	41.2	44.2	47.0	50.0	53.4	56.9
77.5°	36.6	40.5	44.8	49.4	53.9	59.0	64.2	69.4	74.2	78.4	82.1
75°	46.3	51.7	58.8	66.0	72.7	79.4	86.2	92.9	98.7	104.1	109.5
72.5°	57.7	66.4	74.9	83.1	91.9	100.3	108.2	115.7	123.1	130.4	137.3
70°	71.4	81.2	91.4	101.8	112.0	121.3	130.5	139.8	148.9	157.2	164.5
67.5°	84.9	96.7	108.5	120.2	131.3	141.9	152.8	163.5	173.7	182.4	190.1
65°	98.9	112.0	125.2	137.9	150.0	162.5	174.7	186.5	196.1	204.1	211.9
62.5°	112.6	127.4	141.7	155.6	169.3	182.9	194.7	205.3	215.3	224.0	232.3
60°	126.5	142.6	158.2	173.5	188.0	200.4	212.4	223.1	233.1	242.6	249.7
57.5°	140.3	157.7	174.5	190.2	204.1	217.0	228.5	239.7	248.4	256.0	263.7
55°	153.8	172.5	189.8	205.3	219.3	231.7	243.3	252.7	261.3	268.5	276.1
52.5°	167.1	186.6	203.7	219.3	232.9	245.1	255.4	264.6	272.7	280.1	286.2
50°	180.0	199.1	216.9	231.7	245.2	256.6	266.3	275.2	283.0	289.7	295.3
47.5°	191.6	211.3	228.1	243.2	256.0	266.8	276.2	284.7	292.4	298.3	303.9
45°	202.3	221.7	238.8	253.2	265.7	275.9	285.0	293.8	300.2	306.1	310.4
42.5°	212.6	231.4	248.1	263.0	274.0	283.9	293.1	300.7	307.4	312.5	317.1
40°	221.4	240.8	256.7	270.2	281.5	290.9	299.4	307.1	313.7	318.7	323.6
37.5°	229.7	248.4	264.5	277.1	287.7	297.0	305.5	312.6	319.0	324.4	331.1
35°	237.6	255.6	270.6	282.9	293.1	302.4	310.4	317.7	324.0	331.4	339.2
32.5°	244.3	262.4	276.3	287.5	297.7	307.1	315.1	322.5	329.8	338.1	347.8
30°	250.0	267.4	281.2	291.7	301.9	310.8	319.4	327.3	335.4	345.4	357.9
27.5°	255.2	272.0	284.8	295.4	305.6	313.9	323.0	332.0	341.4	353.0	368.9
25°	260.1	276.2	288.0	298.7	308.2	316.9	326.2	335.5	347.3	362.7	383.4
22.5°	264.1	280.2	290.8	301.7	310.4	319.6	329.2	339.5	352.8	371.5	398.6
20°	267.2	282.5	293.1	304.0	312.2	321.9	331.8	343.0	359.0	383.2	414.6
17.5°	270.1	284.5	295.1	305.3	314.0	324.0	334.1	345.8	364.0	394.2	429.3
15°	272.6	286.1	296.7	306.4	315.6	325.6	336.2	349.6	370.7	404.8	442.7
12.5°	274.8	287.4	298.0	307.3	316.8	326.6	337.8	352.7	377.9	414.7	455.9
10°	276.7	288.4	298.8	307.9	317.7	327.2	339.2	354.8	383.0	420.3	463.7
7.5°	277.8	289.2	299.4	308.2	318.3	327.4	340.1	355.9	386.1	423.2	467.9
5°	278.4	289.8	300.1	308.8	318.9	327.8	341.0	356.1	387.4	423.8	469.5
2.5°	278.6	290.3	300.6	309.2	319.4	329.0	342.6	357.9	388.5	425.9	470.6
0°	278.4	290.4	300.7	309.3	319.6	329.9	343.7	359.1	388.3	427.9	470.8
-2.5°	278.6	290.3	300.6	309.2	319.4	329.0	342.6	357.9	388.5	425.9	470.6
-5°	278.4	289.8	300.1	308.8	318.9	327.8	341.0	356.1	387.4	423.8	469.5
-7.5°	277.8	289.2	299.4	308.2	318.3	327.4	340.1	355.9	386.1	423.2	467.9
-10°	276.7	288.4	298.8	307.9	317.7	327.2	339.2	354.8	383.0	420.3	463.7
-12.5°	274.8	287.4	298.0	307.3	316.8	326.6	337.8	352.7	377.9	414.7	455.9
-15°	272.6	286.1	296.7	306.4	315.6	325.6	336.2	349.6	370.7	404.8	442.7
-17.5°	270.1	284.5	295.1	305.3	314.0	324.0	334.1	345.8	364.0	394.2	429.3
-20°	267.2	282.5	293.1	304.0	312.2	321.9	331.8	343.0	359.0	383.2	414.6



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	264.1	280.2	290.8	301.7	310.4	319.6	329.2	339.5	352.8	371.5	398.6
-25°	260.1	276.2	288.0	298.7	308.2	316.9	326.2	335.5	347.3	362.7	383.4
-27.5°	255.2	272.0	284.8	295.4	305.6	313.9	323.0	332.0	341.4	353.0	368.9
-30°	250.0	267.4	281.2	291.7	301.9	310.8	319.4	327.3	335.4	345.4	357.9
-32.5°	244.3	262.4	276.3	287.5	297.7	307.1	315.1	322.5	329.8	338.1	347.8
-35°	237.6	255.6	270.6	282.9	293.1	302.4	310.4	317.7	324.0	331.4	339.2
-37.5°	229.7	248.4	264.5	277.1	287.7	297.0	305.5	312.6	319.0	324.4	331.1
-40°	221.4	240.8	256.7	270.2	281.5	290.9	299.4	307.1	313.7	318.7	323.6
-42.5°	212.6	231.4	248.1	263.0	274.0	283.9	293.1	300.7	307.4	312.5	317.1
-45°	202.3	221.7	238.8	253.2	265.7	275.9	285.0	293.8	300.2	306.1	310.4
-47.5°	191.6	211.3	228.1	243.2	256.0	266.8	276.2	284.7	292.4	298.3	303.9
-50°	180.0	199.1	216.9	231.7	245.2	256.6	266.3	275.2	283.0	289.7	295.3
-52.5°	167.1	186.6	203.7	219.3	232.9	245.1	255.4	264.6	272.7	280.1	286.2
-55°	153.8	172.5	189.8	205.3	219.3	231.7	243.3	252.7	261.3	268.5	276.1
-57.5°	140.3	157.7	174.5	190.2	204.1	217.0	228.5	239.7	248.4	256.0	263.7
-60°	126.5	142.6	158.2	173.5	188.0	200.4	212.4	223.1	233.1	242.6	249.7
-62.5°	112.6	127.4	141.7	155.6	169.3	182.9	194.7	205.3	215.3	224.0	232.3
-65°	98.9	112.0	125.2	137.9	150.0	162.5	174.7	186.5	196.1	204.1	211.9
-67.5°	84.9	96.7	108.5	120.2	131.3	141.9	152.8	163.5	173.7	182.4	190.1
-70°	71.4	81.2	91.4	101.8	112.0	121.3	130.5	139.8	148.9	157.2	164.5
-72.5°	57.7	66.4	74.9	83.1	91.9	100.3	108.2	115.7	123.1	130.4	137.3
-75°	46.3	51.7	58.8	66.0	72.7	79.4	86.2	92.9	98.7	104.1	109.5
-77.5°	36.6	40.5	44.8	49.4	53.9	59.0	64.2	69.4	74.2	78.4	82.1
-80°	27.3	29.2	31.9	35.0	38.2	41.2	44.2	47.0	50.0	53.4	56.9
-82.5°	18.9	20.6	22.0	23.2	24.4	25.6	26.9	28.9	31.5	34.0	36.3
-85°	11.1	12.0	13.2	14.3	15.3	16.2	17.0	17.7	18.7	19.8	20.8
-87.5°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
-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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.8	9.8	9.7	9.5	9.3	9.5	9.7	9.8	9.9	10.1	10.1
85°	21.9	22.8	23.7	24.7	25.6	26.3	26.9	27.4	27.9	28.3	28.6
82.5°	38.4	40.4	42.1	43.7	45.2	46.4	47.4	48.4	49.2	49.9	50.5
80°	59.9	62.9	65.7	68.4	70.8	72.7	74.3	75.7	76.8	78.0	79.0
77.5°	85.8	89.9	93.8	97.4	100.6	103.2	105.5	107.5	109.2	111.3	113.2
75°	114.9	119.9	124.4	128.5	132.3	135.8	138.8	141.5	143.7	146.0	147.9
72.5°	143.9	149.9	155.2	159.7	163.7	167.7	171.5	175.1	178.4	180.9	182.7
70°	171.4	177.5	183.2	188.3	193.0	197.9	202.9	207.5	211.7	214.4	215.9
67.5°	196.5	202.8	209.2	215.5	221.1	226.3	231.3	235.8	239.9	242.7	244.4
65°	219.3	226.2	233.1	239.5	245.5	249.8	254.4	258.7	262.7	266.0	268.3
62.5°	240.5	247.3	253.2	258.6	263.7	268.0	272.5	276.5	280.0	283.0	285.9
60°	256.7	263.7	269.4	274.4	279.1	283.5	287.0	290.0	292.3	294.3	296.1
57.5°	270.7	277.3	283.0	287.2	291.4	295.6	298.6	300.5	301.9	302.9	303.7
55°	282.6	288.0	292.7	297.4	301.6	305.2	307.8	309.0	309.8	310.2	310.6
52.5°	292.2	297.5	302.4	306.8	310.1	313.1	315.7	316.4	316.8	317.0	317.0
50°	301.1	306.2	310.1	313.8	317.1	319.8	322.1	323.1	323.7	323.9	323.5
47.5°	308.2	312.5	316.9	320.7	324.0	327.2	329.7	331.2	332.3	332.8	332.7
45°	314.4	319.5	324.1	328.6	332.5	336.7	340.2	342.6	345.0	346.6	347.4
42.5°	321.8	326.9	332.1	338.2	343.9	349.2	355.1	360.2	365.5	371.2	375.0
40°	329.3	334.9	342.7	350.1	358.4	365.9	378.2	390.4	399.7	407.7	414.9
37.5°	337.9	346.0	355.3	364.9	378.5	392.5	408.0	423.2	436.5	448.4	458.1
35°	347.7	358.6	370.1	387.0	404.3	421.6	440.2	460.4	477.6	490.1	499.1
32.5°	359.8	373.5	391.9	413.6	434.8	457.2	479.6	502.2	519.1	536.5	554.1
30°	373.2	392.9	416.7	443.1	469.6	496.4	524.5	555.8	585.5	617.5	663.2
27.5°	390.3	414.4	442.3	473.5	505.3	537.3	586.3	640.0	719.7	783.4	891.4
25°	408.4	436.7	470.0	506.1	545.0	602.3	692.0	797.9	985.7	1131.4	1352.4
22.5°	428.7	461.9	498.8	540.2	603.0	711.1	864.4	1136.6	1515.4	1889.4	2305.4
20°	448.7	485.5	525.8	588.6	695.3	866.2	1198.4	1786.8	2444.1	3379.8	4165.2
17.5°	467.7	506.8	557.9	642.9	802.6	1146.3	1789.7	2797.6	4170.4	5678.8	6936.7
15°	484.4	524.3	593.2	727.8	997.5	1532.9	2504.4	4219.9	6526.3	8591.5	10433.6
12.5°	498.5	545.7	631.4	796.3	1166.7	1959.3	3517.7	5953.6	8770.1	11666.5	13997.7
10°	508.7	568.5	682.5	923.1	1435.7	2466.7	4362.2	7434.9	10826.1	14346.5	18560.6
7.5°	514.9	584.8	721.2	1017.2	1675.5	3031.8	5421.6	8757.5	12651.8	17457.5	23896.2
5°	519.4	595.7	749.9	1088.1	1835.8	3405.3	6090.5	9759.5	14227.1	21175.8	34426.9
2.5°	521.5	600.6	766.1	1127.0	1908.9	3597.3	6561.3	10333.3	15185.6	23798.9	41722.0
0°	520.6	598.0	768.1	1135.8	1919.3	3744.2	6639.5	10497.1	15509.4	24034.0	44060.8
-2.5°	521.5	600.6	766.1	1127.0	1908.9	3597.3	6561.3	10333.3	15185.6	23798.9	41722.0
-5°	519.4	595.7	749.9	1088.1	1835.8	3405.3	6090.5	9759.5	14227.1	21175.8	34426.9
-7.5°	514.9	584.8	721.2	1017.2	1675.5	3031.8	5421.6	8757.5	12651.8	17457.5	23896.2
-10°	508.7	568.5	682.5	923.1	1435.7	2466.7	4362.2	7434.9	10826.1	14346.5	18560.6
-12.5°	498.5	545.7	631.4	796.3	1166.7	1959.3	3517.7	5953.6	8770.1	11666.5	13997.7
-15°	484.4	524.3	593.2	727.8	997.5	1532.9	2504.4	4219.9	6526.3	8591.5	10433.6
-17.5°	467.7	506.8	557.9	642.9	802.6	1146.3	1789.7	2797.6	4170.4	5678.8	6936.7
-20°	448.7	485.5	525.8	588.6	695.3	866.2	1198.4	1786.8	2444.1	3379.8	4165.2



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	428.7	461.9	498.8	540.2	603.0	711.1	864.4	1136.6	1515.4	1889.4	2305.4
-25°	408.4	436.7	470.0	506.1	545.0	602.3	692.0	797.9	985.7	1131.4	1352.4
-27.5°	390.3	414.4	442.3	473.5	505.3	537.3	586.3	640.0	719.7	783.4	891.4
-30°	373.2	392.9	416.7	443.1	469.6	496.4	524.5	555.8	585.5	617.5	663.2
-32.5°	359.8	373.5	391.9	413.6	434.8	457.2	479.6	502.2	519.1	536.5	554.1
-35°	347.7	358.6	370.1	387.0	404.3	421.6	440.2	460.4	477.6	490.1	499.1
-37.5°	337.9	346.0	355.3	364.9	378.5	392.5	408.0	423.2	436.5	448.4	458.1
-40°	329.3	334.9	342.7	350.1	358.4	365.9	378.2	390.4	399.7	407.7	414.9
-42.5°	321.8	326.9	332.1	338.2	343.9	349.2	355.1	360.2	365.5	371.2	375.0
-45°	314.4	319.5	324.1	328.6	332.5	336.7	340.2	342.6	345.0	346.6	347.4
-47.5°	308.2	312.5	316.9	320.7	324.0	327.2	329.7	331.2	332.3	332.8	332.7
-50°	301.1	306.2	310.1	313.8	317.1	319.8	322.1	323.1	323.7	323.9	323.5
-52.5°	292.2	297.5	302.4	306.8	310.1	313.1	315.7	316.4	316.8	317.0	317.0
-55°	282.6	288.0	292.7	297.4	301.6	305.2	307.8	309.0	309.8	310.2	310.6
-57.5°	270.7	277.3	283.0	287.2	291.4	295.6	298.6	300.5	301.9	302.9	303.7
-60°	256.7	263.7	269.4	274.4	279.1	283.5	287.0	290.0	292.3	294.3	296.1
-62.5°	240.5	247.3	253.2	258.6	263.7	268.0	272.5	276.5	280.0	283.0	285.9
-65°	219.3	226.2	233.1	239.5	245.5	249.8	254.4	258.7	262.7	266.0	268.3
-67.5°	196.5	202.8	209.2	215.5	221.1	226.3	231.3	235.8	239.9	242.7	244.4
-70°	171.4	177.5	183.2	188.3	193.0	197.9	202.9	207.5	211.7	214.4	215.9
-72.5°	143.9	149.9	155.2	159.7	163.7	167.7	171.5	175.1	178.4	180.9	182.7
-75°	114.9	119.9	124.4	128.5	132.3	135.8	138.8	141.5	143.7	146.0	147.9
-77.5°	85.8	89.9	93.8	97.4	100.6	103.2	105.5	107.5	109.2	111.3	113.2
-80°	59.9	62.9	65.7	68.4	70.8	72.7	74.3	75.7	76.8	78.0	79.0
-82.5°	38.4	40.4	42.1	43.7	45.2	46.4	47.4	48.4	49.2	49.9	50.5
-85°	21.9	22.8	23.7	24.7	25.6	26.3	26.9	27.4	27.9	28.3	28.6
-87.5°	9.8	9.8	9.7	9.5	9.3	9.5	9.7	9.8	9.9	10.1	10.1
-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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	9.9	9.8
85°	28.9	29.1	29.2	29.2	29.2	29.1	28.9	28.6	28.3	27.9	27.4
82.5°	50.9	51.2	51.4	51.5	51.4	51.2	50.9	50.5	49.9	49.2	48.4
80°	79.8	80.3	80.7	80.8	80.7	80.3	79.8	79.0	78.0	76.8	75.7
77.5°	114.8	116.1	116.6	116.8	116.6	116.1	114.8	113.2	111.3	109.2	107.5
75°	149.4	150.4	151.0	151.2	151.0	150.4	149.4	147.9	146.0	143.7	141.5
72.5°	183.9	184.7	186.2	187.3	186.2	184.7	183.9	182.7	180.9	178.4	175.1
70°	216.9	217.3	218.7	219.9	218.7	217.3	216.9	215.9	214.4	211.7	207.5
67.5°	245.6	246.4	246.4	245.7	246.4	246.4	245.6	244.4	242.7	239.9	235.8
65°	270.4	272.1	272.2	271.5	272.2	272.1	270.4	268.3	266.0	262.7	258.7
62.5°	288.5	290.9	291.9	292.1	291.9	290.9	288.5	285.9	283.0	280.0	276.5
60°	297.5	298.5	298.9	299.0	298.9	298.5	297.5	296.1	294.3	292.3	290.0
57.5°	304.0	304.0	304.0	304.1	304.0	304.0	304.0	303.7	302.9	301.9	300.5
55°	310.8	310.8	310.2	309.3	310.2	310.8	310.8	310.6	310.2	309.8	309.0
52.5°	316.8	316.3	315.5	314.5	315.5	316.3	316.8	317.0	317.0	316.8	316.4
50°	322.8	321.7	321.2	321.3	321.2	321.7	322.8	323.5	323.9	323.7	323.1
47.5°	332.4	331.7	331.4	331.6	331.4	331.7	332.4	332.7	332.8	332.3	331.2
45°	347.7	347.1	346.8	347.1	346.8	347.1	347.7	347.4	346.6	345.0	342.6
42.5°	377.2	377.4	377.3	378.0	377.3	377.4	377.2	375.0	371.2	365.5	360.2
40°	417.7	417.5	416.1	415.8	416.1	417.5	417.7	414.9	407.7	399.7	390.4
37.5°	462.0	462.1	460.6	460.5	460.6	462.1	462.0	458.1	448.4	436.5	423.2
35°	503.8	505.4	505.1	503.5	505.1	505.4	503.8	499.1	490.1	477.6	460.4
32.5°	566.6	576.2	581.2	579.1	581.2	576.2	566.6	554.1	536.5	519.1	502.2
30°	692.0	716.7	729.7	735.4	729.7	716.7	692.0	663.2	617.5	585.5	555.8
27.5°	968.8	1023.4	1048.0	1056.8	1048.0	1023.4	968.8	891.4	783.4	719.7	640.0
25°	1545.4	1668.8	1729.6	1749.2	1729.6	1668.8	1545.4	1352.4	1131.4	985.7	797.9
22.5°	2763.4	3001.0	3163.5	3199.5	3163.5	3001.0	2763.4	2305.4	1889.4	1515.4	1136.6
20°	4954.9	5414.4	5663.6	5641.2	5663.6	5414.4	4954.9	4165.2	3379.8	2444.1	1786.8
17.5°	8005.9	8595.1	8875.5	8744.5	8875.5	8595.1	8005.9	6936.7	5678.8	4170.4	2797.6
15°	11736.4	12532.3	12879.6	12987.0	12879.6	12532.3	11736.4	10433.6	8591.5	6526.3	4219.9
12.5°	16324.7	18934.3	20182.2	20516.6	20182.2	18934.3	16324.7	13997.7	11666.5	8770.1	5953.6
10°	22871.1	31642.8	36860.4	38134.4	36860.4	31642.8	22871.1	18560.6	14346.5	10826.1	7434.9
7.5°	37350.5	55175.4	75143.5	84599.2	75143.5	55175.4	37350.5	23896.2	17457.5	12651.8	8757.5
5°	56959.3	98857.5	145089.6	163213.4	145089.6	98857.5	56959.3	34426.9	21175.8	14227.1	9759.5
2.5°	80797.2	149267.2	213148.7	236962.3	213148.7	149267.2	80797.2	41722.0	23798.9	15185.6	10333.3
0°	90868.4	172088.5	234843.6	255242.5	234843.6	172088.5	90868.4	44060.8	24034.0	15509.4	10497.1
-2.5°	80797.2	149267.2	213148.7	236962.2	213148.7	149267.2	80797.2	41722.0	23798.9	15185.6	10333.3
-5°	56959.3	98857.5	145089.6	163213.4	145089.6	98857.5	56959.3	34426.9	21175.8	14227.1	9759.5
-7.5°	37350.5	55175.4	75143.5	84599.2	75143.5	55175.4	37350.5	23896.2	17457.5	12651.8	8757.5
-10°	22871.1	31642.8	36860.4	38134.4	36860.4	31642.8	22871.1	18560.6	14346.5	10826.1	7434.9
-12.5°	16324.7	18934.3	20182.2	20516.6	20182.2	18934.3	16324.7	13997.7	11666.5	8770.1	5953.6
-15°	11736.4	12532.3	12879.6	12987.0	12879.6	12532.3	11736.4	10433.6	8591.5	6526.3	4219.9
-17.5°	8005.9	8595.1	8875.5	8744.5	8875.5	8595.1	8005.9	6936.7	5678.8	4170.4	2797.6
-20°	4954.9	5414.4	5663.6	5641.2	5663.6	5414.4	4954.9	4165.2	3379.8	2444.1	1786.8



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2763.4	3001.0	3163.5	3199.5	3163.5	3001.0	2763.4	2305.4	1889.4	1515.4	1136.6
-25°	1545.4	1668.8	1729.6	1749.2	1729.6	1668.8	1545.4	1352.4	1131.4	985.7	797.9
-27.5°	968.8	1023.4	1048.0	1056.8	1048.0	1023.4	968.8	891.4	783.4	719.7	640.0
-30°	692.0	716.7	729.7	735.4	729.7	716.7	692.0	663.2	617.5	585.5	555.8
-32.5°	566.6	576.2	581.2	579.1	581.2	576.2	566.6	554.1	536.5	519.1	502.2
-35°	503.8	505.4	505.1	503.5	505.1	505.4	503.8	499.1	490.1	477.6	460.4
-37.5°	462.0	462.1	460.6	460.5	460.6	462.1	462.0	458.1	448.4	436.5	423.2
-40°	417.7	417.5	416.1	415.8	416.1	417.5	417.7	414.9	407.7	399.7	390.4
-42.5°	377.2	377.4	377.3	378.0	377.3	377.4	377.2	375.0	371.2	365.5	360.2
-45°	347.7	347.1	346.8	347.1	346.8	347.1	347.7	347.4	346.6	345.0	342.6
-47.5°	332.4	331.7	331.4	331.6	331.4	331.7	332.4	332.7	332.8	332.3	331.2
-50°	322.8	321.7	321.2	321.3	321.2	321.7	322.8	323.5	323.9	323.7	323.1
-52.5°	316.8	316.3	315.5	314.5	315.5	316.3	316.8	317.0	317.0	316.8	316.4
-55°	310.8	310.8	310.2	309.3	310.2	310.8	310.8	310.6	310.2	309.8	309.0
-57.5°	304.0	304.0	304.0	304.1	304.0	304.0	304.0	303.7	302.9	301.9	300.5
-60°	297.5	298.5	298.9	299.0	298.9	298.5	297.5	296.1	294.3	292.3	290.0
-62.5°	288.5	290.9	291.9	292.1	291.9	290.9	288.5	285.9	283.0	280.0	276.5
-65°	270.4	272.1	272.2	271.5	272.2	272.1	270.4	268.3	266.0	262.7	258.7
-67.5°	245.6	246.4	246.4	245.7	246.4	246.4	245.6	244.4	242.7	239.9	235.8
-70°	216.9	217.3	218.7	219.9	218.7	217.3	216.9	215.9	214.4	211.7	207.5
-72.5°	183.9	184.7	186.2	187.3	186.2	184.7	183.9	182.7	180.9	178.4	175.1
-75°	149.4	150.4	151.0	151.2	151.0	150.4	149.4	147.9	146.0	143.7	141.5
-77.5°	114.8	116.1	116.6	116.8	116.6	116.1	114.8	113.2	111.3	109.2	107.5
-80°	79.8	80.3	80.7	80.8	80.7	80.3	79.8	79.0	78.0	76.8	75.7
-82.5°	50.9	51.2	51.4	51.5	51.4	51.2	50.9	50.5	49.9	49.2	48.4
-85°	28.9	29.1	29.2	29.2	29.2	29.1	28.9	28.6	28.3	27.9	27.4
-87.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	9.9	9.8
-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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	9.5	9.3	9.5	9.7	9.8	9.8	9.5	9.2	8.8	8.5
85°	26.9	26.3	25.6	24.7	23.7	22.8	21.9	20.8	19.8	18.7	17.7
82.5°	47.4	46.4	45.2	43.7	42.1	40.4	38.4	36.3	34.0	31.5	28.9
80°	74.3	72.7	70.8	68.4	65.7	62.9	59.9	56.9	53.4	50.0	47.0
77.5°	105.5	103.2	100.6	97.4	93.8	89.9	85.8	82.1	78.4	74.2	69.4
75°	138.8	135.8	132.3	128.5	124.4	119.9	114.9	109.5	104.1	98.7	92.9
72.5°	171.5	167.7	163.7	159.7	155.2	149.9	143.9	137.3	130.4	123.1	115.7
70°	202.9	197.9	193.0	188.3	183.2	177.5	171.4	164.5	157.2	148.9	139.8
67.5°	231.3	226.3	221.1	215.5	209.2	202.8	196.5	190.1	182.4	173.7	163.5
65°	254.4	249.8	245.5	239.5	233.1	226.2	219.3	211.9	204.1	196.1	186.5
62.5°	272.5	268.0	263.7	258.6	253.2	247.3	240.5	232.3	224.0	215.3	205.3
60°	287.0	283.5	279.1	274.4	269.4	263.7	256.7	249.7	242.6	233.1	223.1
57.5°	298.6	295.6	291.4	287.2	283.0	277.3	270.7	263.7	256.0	248.4	239.7
55°	307.8	305.2	301.6	297.4	292.7	288.0	282.6	276.1	268.5	261.3	252.7
52.5°	315.7	313.1	310.1	306.8	302.4	297.5	292.2	286.2	280.1	272.7	264.6
50°	322.1	319.8	317.1	313.8	310.1	306.2	301.1	295.3	289.7	283.0	275.2
47.5°	329.7	327.2	324.0	320.7	316.9	312.5	308.2	303.9	298.3	292.4	284.7
45°	340.2	336.7	332.5	328.6	324.1	319.5	314.4	310.4	306.1	300.2	293.8
42.5°	355.1	349.2	343.9	338.2	332.1	326.9	321.8	317.1	312.5	307.4	300.7
40°	378.2	365.9	358.4	350.1	342.7	334.9	329.3	323.6	318.7	313.7	307.1
37.5°	408.0	392.5	378.5	364.9	355.3	346.0	337.9	331.1	324.4	319.0	312.6
35°	440.2	421.6	404.3	387.0	370.1	358.6	347.7	339.2	331.4	324.0	317.7
32.5°	479.6	457.2	434.8	413.6	391.9	373.5	359.8	347.8	338.1	329.8	322.5
30°	524.5	496.4	469.6	443.1	416.7	392.9	373.2	357.9	345.4	335.4	327.3
27.5°	586.3	537.3	505.3	473.5	442.3	414.4	390.3	368.9	353.0	341.4	332.0
25°	692.0	602.3	545.0	506.1	470.0	436.7	408.4	383.4	362.7	347.3	335.5
22.5°	864.4	711.1	603.0	540.2	498.8	461.9	428.7	398.6	371.5	352.8	339.5
20°	1198.4	866.2	695.3	588.6	525.8	485.5	448.7	414.6	383.2	359.0	343.0
17.5°	1789.7	1146.3	802.6	642.9	557.9	506.8	467.7	429.3	394.2	364.0	345.8
15°	2504.4	1532.9	997.5	727.8	593.2	524.3	484.4	442.7	404.8	370.7	349.6
12.5°	3517.7	1959.3	1166.7	796.3	631.4	545.7	498.5	455.9	414.7	377.9	352.7
10°	4362.2	2466.7	1435.7	923.1	682.5	568.5	508.7	463.7	420.3	383.0	354.8
7.5°	5421.6	3031.8	1675.5	1017.2	721.2	584.8	514.9	467.9	423.2	386.1	355.9
5°	6090.5	3405.3	1835.8	1088.1	749.9	595.7	519.4	469.5	423.8	387.4	356.1
2.5°	6561.3	3597.3	1908.9	1127.0	766.1	600.6	521.5	470.6	425.9	388.5	357.9
0°	6639.5	3744.2	1919.3	1135.8	768.1	598.0	520.6	470.8	427.9	388.3	359.1
-2.5°	6561.3	3597.3	1908.9	1127.0	766.1	600.6	521.5	470.6	425.9	388.5	357.9
-5°	6090.5	3405.3	1835.8	1088.1	749.9	595.7	519.4	469.5	423.8	387.4	356.1
-7.5°	5421.6	3031.8	1675.5	1017.2	721.2	584.8	514.9	467.9	423.2	386.1	355.9
-10°	4362.2	2466.7	1435.7	923.1	682.5	568.5	508.7	463.7	420.3	383.0	354.8
-12.5°	3517.7	1959.3	1166.7	796.3	631.4	545.7	498.5	455.9	414.7	377.9	352.7
-15°	2504.4	1532.9	997.5	727.8	593.2	524.3	484.4	442.7	404.8	370.7	349.6
-17.5°	1789.7	1146.3	802.6	642.9	557.9	506.8	467.7	429.3	394.2	364.0	345.8
-20°	1198.4	866.2	695.3	588.6	525.8	485.5	448.7	414.6	383.2	359.0	343.0





REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	864.4	711.1	603.0	540.2	498.8	461.9	428.7	398.6	371.5	352.8	339.5
-25°	692.0	602.3	545.0	506.1	470.0	436.7	408.4	383.4	362.7	347.3	335.5
-27.5°	586.3	537.3	505.3	473.5	442.3	414.4	390.3	368.9	353.0	341.4	332.0
-30°	524.5	496.4	469.6	443.1	416.7	392.9	373.2	357.9	345.4	335.4	327.3
-32.5°	479.6	457.2	434.8	413.6	391.9	373.5	359.8	347.8	338.1	329.8	322.5
-35°	440.2	421.6	404.3	387.0	370.1	358.6	347.7	339.2	331.4	324.0	317.7
-37.5°	408.0	392.5	378.5	364.9	355.3	346.0	337.9	331.1	324.4	319.0	312.6
-40°	378.2	365.9	358.4	350.1	342.7	334.9	329.3	323.6	318.7	313.7	307.1
-42.5°	355.1	349.2	343.9	338.2	332.1	326.9	321.8	317.1	312.5	307.4	300.7
-45°	340.2	336.7	332.5	328.6	324.1	319.5	314.4	310.4	306.1	300.2	293.8
-47.5°	329.7	327.2	324.0	320.7	316.9	312.5	308.2	303.9	298.3	292.4	284.7
-50°	322.1	319.8	317.1	313.8	310.1	306.2	301.1	295.3	289.7	283.0	275.2
-52.5°	315.7	313.1	310.1	306.8	302.4	297.5	292.2	286.2	280.1	272.7	264.6
-55°	307.8	305.2	301.6	297.4	292.7	288.0	282.6	276.1	268.5	261.3	252.7
-57.5°	298.6	295.6	291.4	287.2	283.0	277.3	270.7	263.7	256.0	248.4	239.7
-60°	287.0	283.5	279.1	274.4	269.4	263.7	256.7	249.7	242.6	233.1	223.1
-62.5°	272.5	268.0	263.7	258.6	253.2	247.3	240.5	232.3	224.0	215.3	205.3
-65°	254.4	249.8	245.5	239.5	233.1	226.2	219.3	211.9	204.1	196.1	186.5
-67.5°	231.3	226.3	221.1	215.5	209.2	202.8	196.5	190.1	182.4	173.7	163.5
-70°	202.9	197.9	193.0	188.3	183.2	177.5	171.4	164.5	157.2	148.9	139.8
-72.5°	171.5	167.7	163.7	159.7	155.2	149.9	143.9	137.3	130.4	123.1	115.7
-75°	138.8	135.8	132.3	128.5	124.4	119.9	114.9	109.5	104.1	98.7	92.9
-77.5°	105.5	103.2	100.6	97.4	93.8	89.9	85.8	82.1	78.4	74.2	69.4
-80°	74.3	72.7	70.8	68.4	65.7	62.9	59.9	56.9	53.4	50.0	47.0
-82.5°	47.4	46.4	45.2	43.7	42.1	40.4	38.4	36.3	34.0	31.5	28.9
-85°	26.9	26.3	25.6	24.7	23.7	22.8	21.9	20.8	19.8	18.7	17.7
-87.5°	9.7	9.5	9.3	9.5	9.7	9.8	9.8	9.5	9.2	8.8	8.5
-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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6
85°	17.0	16.2	15.3	14.3	13.2	12.0	11.1	10.1	9.2	8.2	7.2
82.5°	26.9	25.6	24.4	23.2	22.0	20.6	18.9	17.0	14.7	12.4	10.8
80°	44.2	41.2	38.2	35.0	31.9	29.2	27.3	24.9	21.7	18.5	15.5
77.5°	64.2	59.0	53.9	49.4	44.8	40.5	36.6	32.9	28.6	24.5	20.7
75°	86.2	79.4	72.7	66.0	58.8	51.7	46.3	41.4	36.1	30.6	25.8
72.5°	108.2	100.3	91.9	83.1	74.9	66.4	57.7	49.8	43.9	37.7	31.1
70°	130.5	121.3	112.0	101.8	91.4	81.2	71.4	61.4	51.7	44.7	37.4
67.5°	152.8	141.9	131.3	120.2	108.5	96.7	84.9	73.5	62.4	51.7	43.6
65°	174.7	162.5	150.0	137.9	125.2	112.0	98.9	85.5	72.8	60.8	49.7
62.5°	194.7	182.9	169.3	155.6	141.7	127.4	112.6	98.0	83.1	69.6	56.8
60°	212.4	200.4	188.0	173.5	158.2	142.6	126.5	110.1	94.1	78.1	64.2
57.5°	228.5	217.0	204.1	190.2	174.5	157.7	140.3	122.5	104.9	87.4	71.3
55°	243.3	231.7	219.3	205.3	189.8	172.5	153.8	134.7	115.4	96.7	78.3
52.5°	255.4	245.1	232.9	219.3	203.7	186.6	167.1	146.6	126.2	105.8	86.1
50°	266.3	256.6	245.2	231.7	216.9	199.1	180.0	158.4	136.5	114.6	93.9
47.5°	276.2	266.8	256.0	243.2	228.1	211.3	191.6	169.9	146.5	123.5	101.3
45°	285.0	275.9	265.7	253.2	238.8	221.7	202.3	181.1	156.6	132.2	108.4
42.5°	293.1	283.9	274.0	263.0	248.1	231.4	212.6	190.7	166.2	140.5	115.4
40°	299.4	290.9	281.5	270.2	256.7	240.8	221.4	199.6	175.5	148.5	122.3
37.5°	305.5	297.0	287.7	277.1	264.5	248.4	229.7	208.2	184.0	156.2	128.9
35°	310.4	302.4	293.1	282.9	270.6	255.6	237.6	215.9	191.1	163.6	135.1
32.5°	315.1	307.1	297.7	287.5	276.3	262.4	244.3	222.5	197.7	170.4	140.9
30°	319.4	310.8	301.9	291.7	281.2	267.4	250.0	228.6	204.0	176.7	146.3
27.5°	323.0	313.9	305.6	295.4	284.8	272.0	255.2	234.3	209.7	182.2	151.5
25°	326.2	316.9	308.2	298.7	288.0	276.2	260.1	239.4	214.6	186.9	156.1
22.5°	329.2	319.6	310.4	301.7	290.8	280.2	264.1	243.4	218.8	191.1	160.3
20°	331.8	321.9	312.2	304.0	293.1	282.5	267.2	246.9	222.5	194.8	164.1
17.5°	334.1	324.0	314.0	305.3	295.1	284.5	270.1	250.1	225.8	198.1	167.3
15°	336.2	325.6	315.6	306.4	296.7	286.1	272.6	252.9	228.6	201.0	170.2
12.5°	337.8	326.6	316.8	307.3	298.0	287.4	274.8	255.3	231.0	203.3	172.5
10°	339.2	327.2	317.7	307.9	298.8	288.4	276.7	257.2	232.8	205.2	174.4
7.5°	340.1	327.4	318.3	308.2	299.4	289.2	277.8	258.5	234.2	206.6	175.7
5°	341.0	327.8	318.9	308.8	300.1	289.8	278.4	259.3	235.1	207.5	176.6
2.5°	342.6	329.0	319.4	309.2	300.6	290.3	278.6	259.7	235.5	208.0	177.0
0°	343.7	329.9	319.6	309.3	300.7	290.4	278.4	259.5	235.4	207.9	177.0
-2.5°	342.6	329.0	319.4	309.2	300.6	290.3	278.6	259.7	235.5	208.0	177.0
-5°	341.0	327.8	318.9	308.8	300.1	289.8	278.4	259.3	235.1	207.5	176.6
-7.5°	340.1	327.4	318.3	308.2	299.4	289.2	277.8	258.5	234.2	206.6	175.7
-10°	339.2	327.2	317.7	307.9	298.8	288.4	276.7	257.2	232.8	205.2	174.4
-12.5°	337.8	326.6	316.8	307.3	298.0	287.4	274.8	255.3	231.0	203.3	172.5
-15°	336.2	325.6	315.6	306.4	296.7	286.1	272.6	252.9	228.6	201.0	170.2
-17.5°	334.1	324.0	314.0	305.3	295.1	284.5	270.1	250.1	225.8	198.1	167.3
-20°	331.8	321.9	312.2	304.0	293.1	282.5	267.2	246.9	222.5	194.8	164.1



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	329.2	319.6	310.4	301.7	290.8	280.2	264.1	243.4	218.8	191.1	160.3
-25°	326.2	316.9	308.2	298.7	288.0	276.2	260.1	239.4	214.6	186.9	156.1
-27.5°	323.0	313.9	305.6	295.4	284.8	272.0	255.2	234.3	209.7	182.2	151.5
-30°	319.4	310.8	301.9	291.7	281.2	267.4	250.0	228.6	204.0	176.7	146.3
-32.5°	315.1	307.1	297.7	287.5	276.3	262.4	244.3	222.5	197.7	170.4	140.9
-35°	310.4	302.4	293.1	282.9	270.6	255.6	237.6	215.9	191.1	163.6	135.1
-37.5°	305.5	297.0	287.7	277.1	264.5	248.4	229.7	208.2	184.0	156.2	128.9
-40°	299.4	290.9	281.5	270.2	256.7	240.8	221.4	199.6	175.5	148.5	122.3
-42.5°	293.1	283.9	274.0	263.0	248.1	231.4	212.6	190.7	166.2	140.5	115.4
-45°	285.0	275.9	265.7	253.2	238.8	221.7	202.3	181.1	156.6	132.2	108.4
-47.5°	276.2	266.8	256.0	243.2	228.1	211.3	191.6	169.9	146.5	123.5	101.3
-50°	266.3	256.6	245.2	231.7	216.9	199.1	180.0	158.4	136.5	114.6	93.9
-52.5°	255.4	245.1	232.9	219.3	203.7	186.6	167.1	146.6	126.2	105.8	86.1
-55°	243.3	231.7	219.3	205.3	189.8	172.5	153.8	134.7	115.4	96.7	78.3
-57.5°	228.5	217.0	204.1	190.2	174.5	157.7	140.3	122.5	104.9	87.4	71.3
-60°	212.4	200.4	188.0	173.5	158.2	142.6	126.5	110.1	94.1	78.1	64.2
-62.5°	194.7	182.9	169.3	155.6	141.7	127.4	112.6	98.0	83.1	69.6	56.8
-65°	174.7	162.5	150.0	137.9	125.2	112.0	98.9	85.5	72.8	60.8	49.7
-67.5°	152.8	141.9	131.3	120.2	108.5	96.7	84.9	73.5	62.4	51.7	43.6
-70°	130.5	121.3	112.0	101.8	91.4	81.2	71.4	61.4	51.7	44.7	37.4
-72.5°	108.2	100.3	91.9	83.1	74.9	66.4	57.7	49.8	43.9	37.7	31.1
-75°	86.2	79.4	72.7	66.0	58.8	51.7	46.3	41.4	36.1	30.6	25.8
-77.5°	64.2	59.0	53.9	49.4	44.8	40.5	36.6	32.9	28.6	24.5	20.7
-80°	44.2	41.2	38.2	35.0	31.9	29.2	27.3	24.9	21.7	18.5	15.5
-82.5°	26.9	25.6	24.4	23.2	22.0	20.6	18.9	17.0	14.7	12.4	10.8
-85°	17.0	16.2	15.3	14.3	13.2	12.0	11.1	10.1	9.2	8.2	7.2
-87.5°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6
-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: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
85°	6.2	5.4	4.5	3.5	2.4	1.2	0.0
82.5°	9.3	8.1	6.7	5.2	3.6	1.8	0.0
80°	12.6	10.7	8.9	6.9	4.8	2.4	0.0
77.5°	17.0	13.7	11.1	8.6	5.9	3.0	0.0
75°	21.3	17.4	13.4	10.3	7.1	3.5	0.0
72.5°	25.6	21.0	16.3	12.0	8.2	4.1	0.0
70°	30.0	24.6	19.2	13.8	9.4	4.7	0.0
67.5°	35.4	28.1	22.0	15.9	10.5	5.2	0.0
65°	40.7	32.0	24.8	17.9	11.6	5.8	0.0
62.5°	45.9	36.2	27.5	20.0	12.6	6.3	0.0
60°	50.9	40.4	30.1	22.0	13.7	6.8	0.0
57.5°	56.9	44.4	33.3	23.9	15.0	7.4	0.0
55°	62.9	48.3	36.4	25.8	16.2	7.9	0.0
52.5°	68.7	52.3	39.4	27.7	17.4	8.3	0.0
50°	74.3	57.0	42.3	29.5	18.6	8.8	0.0
47.5°	79.9	61.5	45.1	31.3	19.7	9.3	0.0
45°	86.0	65.8	47.8	33.3	20.8	9.7	0.0
42.5°	91.8	70.0	50.3	35.2	21.8	10.1	0.0
40°	97.3	74.0	53.1	37.0	22.8	10.5	0.0
37.5°	102.5	77.8	56.1	38.6	23.8	10.9	0.0
35°	107.3	81.7	59.0	40.2	24.7	11.2	0.0
32.5°	112.0	85.5	61.6	41.6	25.5	11.6	0.0
30°	116.7	89.0	64.1	42.9	26.3	11.9	0.0
27.5°	120.9	92.3	66.4	44.1	27.0	12.2	0.0
25°	124.9	95.3	68.5	45.2	27.7	12.4	0.0
22.5°	128.5	98.0	70.4	46.2	28.3	12.7	0.0
20°	131.7	100.5	72.2	47.1	28.8	12.9	0.0
17.5°	134.6	102.7	73.7	47.8	29.3	13.1	0.0
15°	137.1	104.6	75.1	48.5	29.7	13.2	0.0
12.5°	139.3	106.3	76.3	49.0	30.1	13.4	0.0
10°	141.1	107.6	77.2	49.4	30.4	13.5	0.0
7.5°	142.5	108.7	78.0	49.6	30.6	13.6	0.0
5°	143.5	109.4	78.6	49.8	30.8	13.6	0.0
2.5°	144.1	109.9	78.9	49.9	30.9	13.7	0.0
0°	144.3	110.0	79.0	49.8	30.9	13.7	0.0
-2.5°	144.1	109.9	78.9	49.9	30.9	13.7	0.0
-5°	143.5	109.4	78.6	49.8	30.8	13.6	0.0
-7.5°	142.5	108.7	78.0	49.6	30.6	13.6	0.0
-10°	141.1	107.6	77.2	49.4	30.4	13.5	0.0
-12.5°	139.3	106.3	76.3	49.0	30.1	13.4	0.0
-15°	137.1	104.6	75.1	48.5	29.7	13.2	0.0
-17.5°	134.6	102.7	73.7	47.8	29.3	13.1	0.0
-20°	131.7	100.5	72.2	47.1	28.8	12.9	0.0



REPORT NUMBER: P558936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	128.5	98.0	70.4	46.2	28.3	12.7	0.0
-25°	124.9	95.3	68.5	45.2	27.7	12.4	0.0
-27.5°	120.9	92.3	66.4	44.1	27.0	12.2	0.0
-30°	116.7	89.0	64.1	42.9	26.3	11.9	0.0
-32.5°	112.0	85.5	61.6	41.6	25.5	11.6	0.0
-35°	107.3	81.7	59.0	40.2	24.7	11.2	0.0
-37.5°	102.5	77.8	56.1	38.6	23.8	10.9	0.0
-40°	97.3	74.0	53.1	37.0	22.8	10.5	0.0
-42.5°	91.8	70.0	50.3	35.2	21.8	10.1	0.0
-45°	86.0	65.8	47.8	33.3	20.8	9.7	0.0
-47.5°	79.9	61.5	45.1	31.3	19.7	9.3	0.0
-50°	74.3	57.0	42.3	29.5	18.6	8.8	0.0
-52.5°	68.7	52.3	39.4	27.7	17.4	8.3	0.0
-55°	62.9	48.3	36.4	25.8	16.2	7.9	0.0
-57.5°	56.9	44.4	33.3	23.9	15.0	7.4	0.0
-60°	50.9	40.4	30.1	22.0	13.7	6.8	0.0
-62.5°	45.9	36.2	27.5	20.0	12.6	6.3	0.0
-65°	40.7	32.0	24.8	17.9	11.6	5.8	0.0
-67.5°	35.4	28.1	22.0	15.9	10.5	5.2	0.0
-70°	30.0	24.6	19.2	13.8	9.4	4.7	0.0
-72.5°	25.6	21.0	16.3	12.0	8.2	4.1	0.0
-75°	21.3	17.4	13.4	10.3	7.1	3.5	0.0
-77.5°	17.0	13.7	11.1	8.6	5.9	3.0	0.0
-80°	12.6	10.7	8.9	6.9	4.8	2.4	0.0
-82.5°	9.3	8.1	6.7	5.2	3.6	1.8	0.0
-85°	6.2	5.4	4.5	3.5	2.4	1.2	0.0
-87.5°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)