

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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3C-940-U-TSB-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

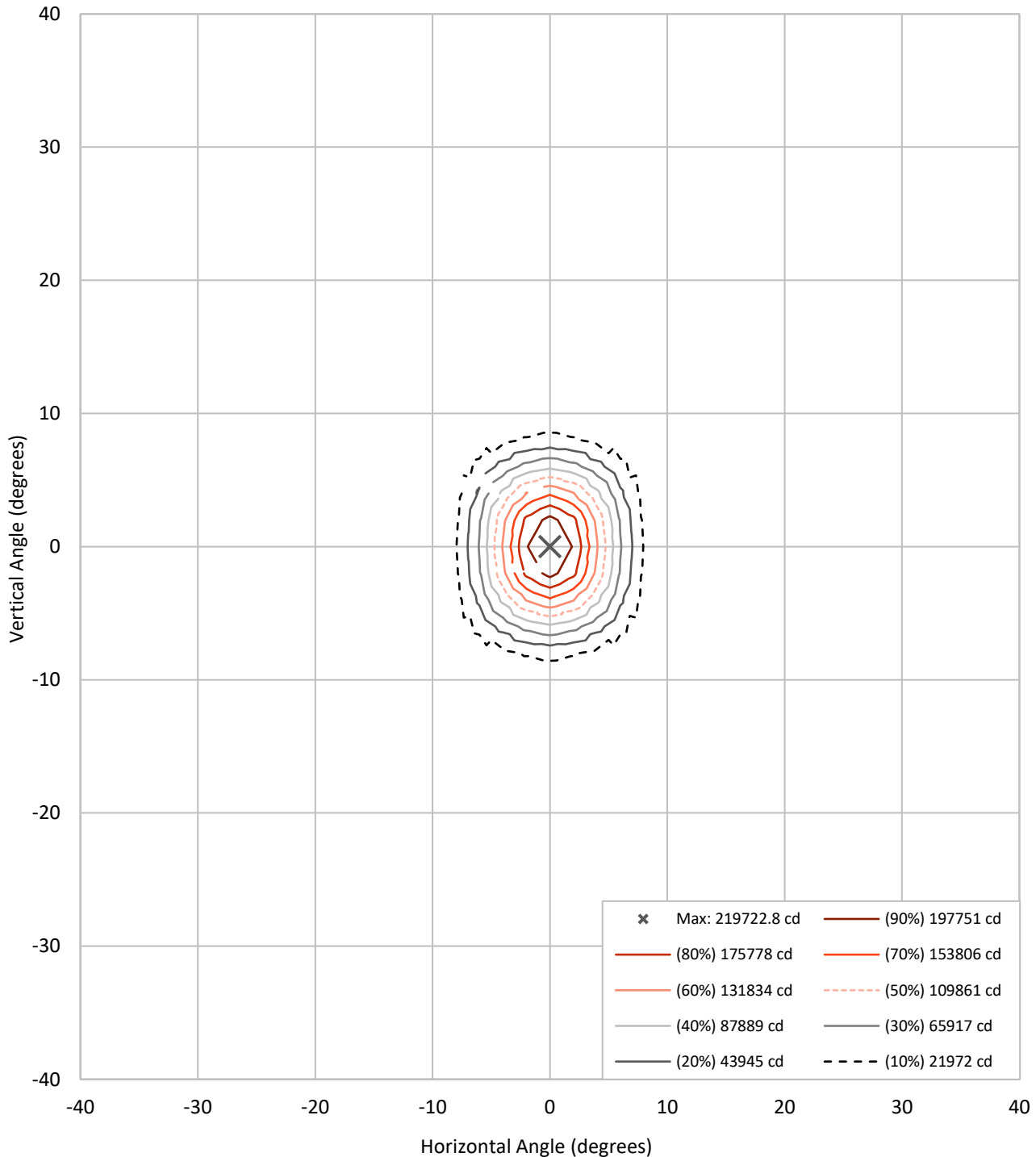
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8556.4 lumens	Max Intensity:	219722.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3667.5 lumens	Field Lumens:	6320.8 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 119  
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





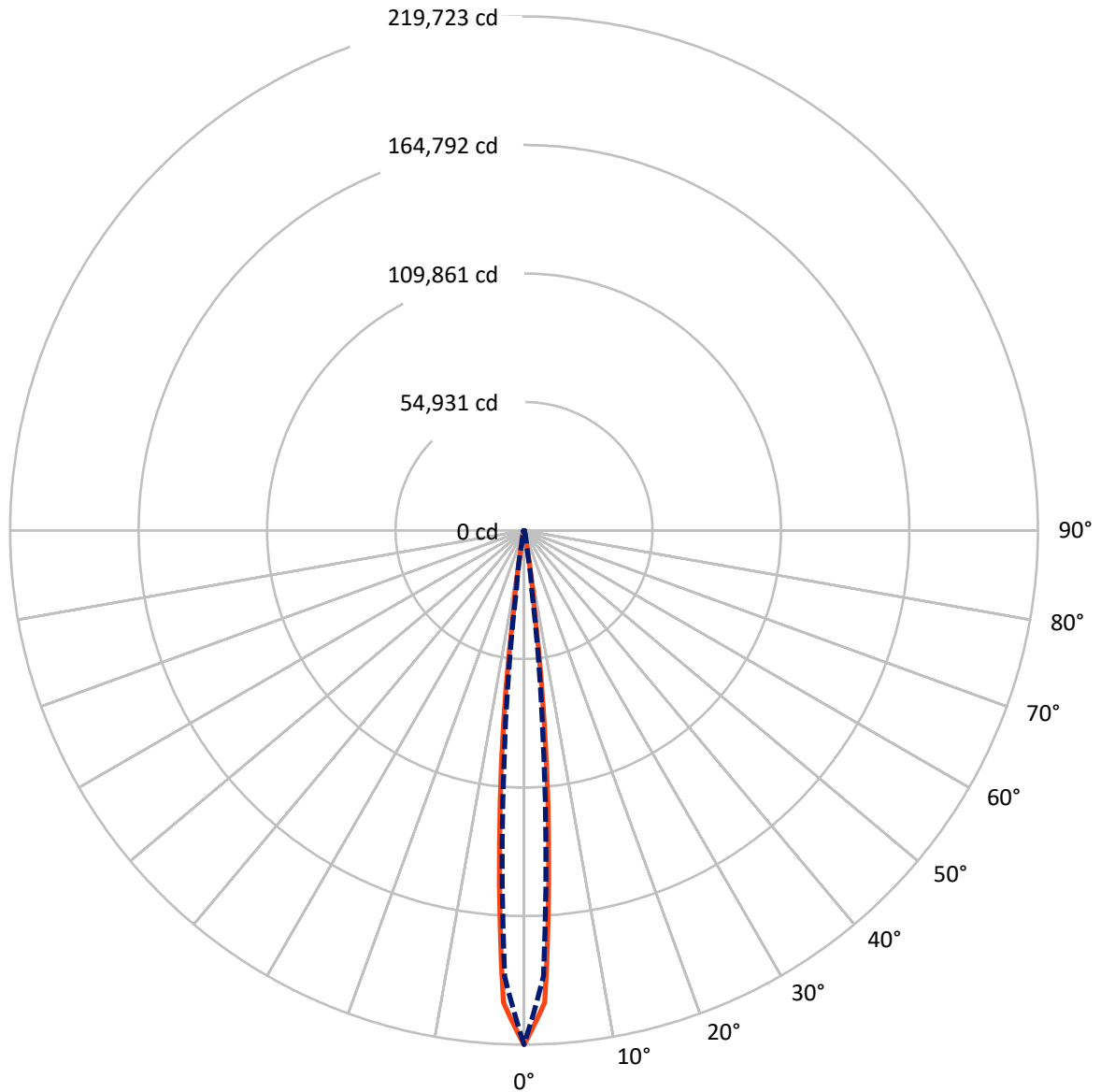
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### Lumen Table

90	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
80	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
70	0.1	0.2	0.4	0.9	1.5	1.9	3.0	5.3	5.3	3.0	1.9	1.5	0.9	0.4	0.2	0.1
60		0.3	0.8	1.7	2.8	3.8	5.1	6.9	6.9	5.1	3.8	2.8	1.7	0.8	0.3	
50	0.4	0.6	1.3	2.8	4.8	7.3	9.3	11.1	11.1	9.3	7.3	4.8	2.8	1.3	0.6	0.4
40		0.9	1.9	4.2	7.5	10.1	11.5	12.1	12.1	11.5	10.1	7.5	4.2	1.9	0.9	
30	0.9	1.4	2.6	5.9	9.2	11.0	15.0	19.7	19.7	15.0	11.0	9.2	5.9	2.6	1.4	0.9
20		1.9	3.7	7.5	10.2	14.5	29.4	58.8	58.8	29.4	14.5	10.2	7.5	3.7	1.9	
10	1.0	2.1	4.4	8.3	10.6	18.6	58.1	1719.1	1719.1	58.1	18.6	10.6	8.3	4.4	2.1	1.0
0		2.1	4.4	8.3	10.6	18.6	58.1	1719.1	1719.1	58.1	18.6	10.6	8.3	4.4	2.1	
-10	0.9	1.9	3.7	7.5	10.2	14.5	29.4	58.8	58.8	29.4	14.5	10.2	7.5	3.7	1.9	0.9
-20		1.4	2.6	5.9	9.2	11.0	15.0	19.7	19.7	15.0	11.0	9.2	5.9	2.6	1.4	
-30	0.4	0.9	1.9	4.2	7.5	10.1	11.5	12.1	12.1	11.5	10.1	7.5	4.2	1.9	0.9	0.4
-40		0.6	1.3	2.8	4.8	7.3	9.3	11.1	11.1	9.3	7.3	4.8	2.8	1.3	0.6	
-50	0.1	0.3	0.8	1.7	2.8	3.8	5.1	6.9	6.9	5.1	3.8	2.8	1.7	0.8	0.3	0.1
-60		0.2	0.4	0.9	1.5	1.9	3.0	5.3	5.3	3.0	1.9	1.5	0.9	0.4	0.2	
-70	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
-80		0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0						
-90	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							

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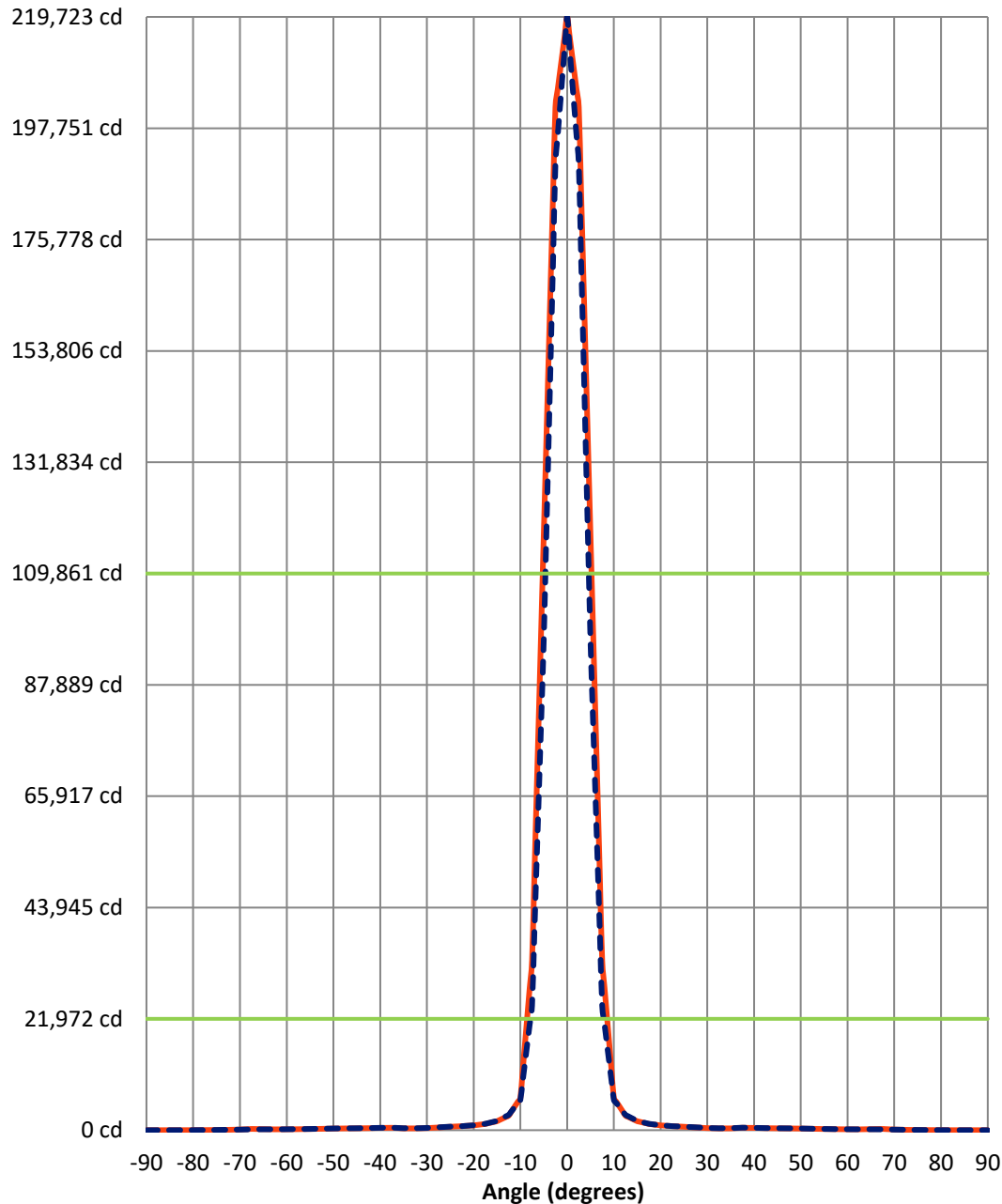
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 3667.5  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 6320.8  
Efficiency: 73.9%

**Spill:**  
Lumens: 2235.6  
Efficiency: 26.1%

— 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	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.8
75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.6	3.3	3.8
72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.8	3.7	4.4	4.9
70°	0.0	0.9	1.7	2.5	2.5	2.5	2.6	3.8	4.7	5.5	6.8
67.5°	0.0	1.0	1.9	2.5	2.5	2.5	3.6	4.8	5.8	7.5	9.0
65°	0.0	1.1	2.1	2.5	2.5	2.9	4.5	5.8	7.7	9.6	11.4
62.5°	0.0	1.2	2.3	2.5	2.5	3.7	5.4	7.3	9.6	11.8	14.7
60°	0.0	1.2	2.5	2.5	2.5	4.6	6.3	9.0	11.5	15.0	18.0
57.5°	0.0	1.3	2.5	2.5	3.1	5.4	8.0	10.8	14.2	18.1	21.8
55°	0.0	1.4	2.5	2.5	3.8	6.2	9.7	12.6	17.1	21.4	25.8
52.5°	0.0	1.5	2.6	2.5	4.5	7.1	11.5	15.4	20.1	25.3	30.0
50°	0.0	1.6	2.6	2.5	5.1	8.7	13.3	18.4	23.2	29.2	35.0
47.5°	0.0	1.7	2.6	2.6	5.8	10.2	15.2	21.6	26.8	33.2	40.2
45°	0.0	1.8	2.6	3.1	6.4	11.8	18.0	24.8	31.1	38.1	45.7
42.5°	0.0	1.8	2.7	3.5	7.0	13.4	20.9	28.4	35.5	43.2	52.1
40°	0.0	1.9	2.7	4.0	7.9	15.0	23.7	32.5	40.5	48.5	59.0
37.5°	0.0	2.0	2.8	4.4	9.1	16.6	26.6	36.6	46.0	55.2	66.0
35°	0.0	2.0	2.8	4.8	10.3	18.7	29.6	40.7	51.7	63.0	72.8
32.5°	0.0	2.1	2.9	5.1	11.5	20.9	32.6	45.0	57.4	71.0	81.4
30°	0.0	2.2	2.9	5.4	12.6	23.2	36.0	49.4	63.1	79.3	91.1
27.5°	0.0	2.2	3.0	5.7	13.4	25.4	39.4	54.1	69.3	87.9	101.8
25°	0.0	2.3	3.1	5.9	13.9	27.5	42.7	58.8	76.4	96.7	113.3
22.5°	0.0	2.3	3.1	6.0	14.4	29.2	46.0	63.3	83.4	106.1	123.0
20°	0.0	2.3	3.2	6.2	14.7	29.8	49.2	67.8	90.3	115.9	132.6
17.5°	0.0	2.4	3.3	6.3	14.9	30.2	50.8	72.1	97.2	125.9	142.1
15°	0.0	2.4	3.3	6.4	15.0	30.4	51.4	75.3	103.9	136.0	151.3
12.5°	0.0	2.4	3.4	6.4	15.0	30.4	51.8	76.9	108.2	146.2	160.3
10°	0.0	2.5	3.5	6.4	14.9	30.1	52.0	78.3	110.4	150.1	166.7
7.5°	0.0	2.5	3.5	6.4	14.7	29.7	51.8	79.5	112.0	152.4	167.9
5°	0.0	2.5	3.6	6.3	14.5	29.1	51.5	80.4	113.1	154.0	168.8
2.5°	0.0	2.5	3.6	6.3	14.1	28.4	50.9	81.0	113.7	154.9	169.6
0°	0.0	2.5	3.7	6.2	13.7	27.5	50.0	81.2	113.7	155.0	170.0
-2.5°	0.0	2.5	3.6	6.3	14.1	28.4	50.9	81.0	113.7	154.9	169.6
-5°	0.0	2.5	3.6	6.3	14.5	29.1	51.5	80.4	113.1	154.0	168.8
-7.5°	0.0	2.5	3.5	6.4	14.7	29.7	51.8	79.5	112.0	152.4	167.9
-10°	0.0	2.5	3.5	6.4	14.9	30.1	52.0	78.3	110.4	150.1	166.7
-12.5°	0.0	2.4	3.4	6.4	15.0	30.4	51.8	76.9	108.2	146.2	160.3
-15°	0.0	2.4	3.3	6.4	15.0	30.4	51.4	75.3	103.9	136.0	151.3
-17.5°	0.0	2.4	3.3	6.3	14.9	30.2	50.8	72.1	97.2	125.9	142.1
-20°	0.0	2.3	3.2	6.2	14.7	29.8	49.2	67.8	90.3	115.9	132.6



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	3.1	6.0	14.4	29.2	46.0	63.3	83.4	106.1	123.0
-25°	0.0	2.3	3.1	5.9	13.9	27.5	42.7	58.8	76.4	96.7	113.3
-27.5°	0.0	2.2	3.0	5.7	13.4	25.4	39.4	54.1	69.3	87.9	101.8
-30°	0.0	2.2	2.9	5.4	12.6	23.2	36.0	49.4	63.1	79.3	91.1
-32.5°	0.0	2.1	2.9	5.1	11.5	20.9	32.6	45.0	57.4	71.0	81.4
-35°	0.0	2.0	2.8	4.8	10.3	18.7	29.6	40.7	51.7	63.0	72.8
-37.5°	0.0	2.0	2.8	4.4	9.1	16.6	26.6	36.6	46.0	55.2	66.0
-40°	0.0	1.9	2.7	4.0	7.9	15.0	23.7	32.5	40.5	48.5	59.0
-42.5°	0.0	1.8	2.7	3.5	7.0	13.4	20.9	28.4	35.5	43.2	52.1
-45°	0.0	1.8	2.6	3.1	6.4	11.8	18.0	24.8	31.1	38.1	45.7
-47.5°	0.0	1.7	2.6	2.6	5.8	10.2	15.2	21.6	26.8	33.2	40.2
-50°	0.0	1.6	2.6	2.5	5.1	8.7	13.3	18.4	23.2	29.2	35.0
-52.5°	0.0	1.5	2.6	2.5	4.5	7.1	11.5	15.4	20.1	25.3	30.0
-55°	0.0	1.4	2.5	2.5	3.8	6.2	9.7	12.6	17.1	21.4	25.8
-57.5°	0.0	1.3	2.5	2.5	3.1	5.4	8.0	10.8	14.2	18.1	21.8
-60°	0.0	1.2	2.5	2.5	2.5	4.6	6.3	9.0	11.5	15.0	18.0
-62.5°	0.0	1.2	2.3	2.5	2.5	3.7	5.4	7.3	9.6	11.8	14.7
-65°	0.0	1.1	2.1	2.5	2.5	2.9	4.5	5.8	7.7	9.6	11.4
-67.5°	0.0	1.0	1.9	2.5	2.5	2.5	3.6	4.8	5.8	7.5	9.0
-70°	0.0	0.9	1.7	2.5	2.5	2.5	2.6	3.8	4.7	5.5	6.8
-72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.8	3.7	4.4	4.9
-75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.6	3.3	3.8
-77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.8
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	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





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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°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	2.0	1.9	1.6	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0
82.5°	2.3	2.2	2.1	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4
80°	2.5	2.5	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.3	6.0
77.5°	3.2	3.7	4.2	4.6	5.2	6.1	7.0	7.6	8.5	9.5	10.6
75°	4.4	4.9	6.1	7.5	8.8	9.7	10.7	12.0	13.7	15.5	17.3
72.5°	6.0	7.5	9.1	10.9	13.0	14.8	16.5	18.1	20.8	23.8	26.0
70°	8.3	10.1	12.7	15.5	18.2	20.5	23.9	28.0	32.1	34.2	35.5
67.5°	10.6	13.6	16.8	20.2	23.9	27.8	32.5	36.9	41.1	42.8	44.4
65°	13.8	17.2	21.1	25.3	29.6	34.3	39.1	44.0	48.4	50.6	53.2
62.5°	17.0	21.1	25.5	30.2	35.0	40.1	45.9	50.9	54.6	59.1	64.4
60°	20.9	24.9	30.0	35.2	40.7	47.8	53.7	59.2	64.2	69.3	77.2
57.5°	25.0	28.9	34.6	40.7	48.3	56.3	63.0	68.9	75.9	83.2	91.2
55°	29.5	33.0	39.4	47.0	55.6	65.2	73.0	81.2	89.2	95.8	102.9
52.5°	34.6	37.8	44.5	53.2	63.3	74.0	84.5	92.9	100.4	107.6	115.7
50°	40.0	44.0	49.5	60.0	71.1	83.3	95.2	103.7	112.2	120.6	129.7
47.5°	46.2	50.8	55.3	66.6	79.3	91.8	104.0	114.9	124.3	135.6	146.0
45°	53.0	58.3	63.3	73.8	86.8	99.5	113.0	126.1	139.4	152.7	169.3
42.5°	60.2	66.0	72.3	80.4	93.4	107.5	122.0	139.5	156.3	174.8	196.4
40°	67.2	73.6	81.1	88.4	100.0	115.6	133.4	153.0	176.7	200.7	226.8
37.5°	74.0	81.5	89.5	97.1	107.3	124.9	144.5	169.5	198.1	228.3	261.6
35°	80.7	89.0	97.1	106.1	117.5	134.6	158.8	187.2	221.4	259.7	290.1
32.5°	87.3	96.1	104.4	115.3	129.4	146.9	172.6	208.3	247.8	286.6	307.0
30°	95.5	102.6	111.7	123.9	140.9	163.2	191.2	229.6	274.6	301.0	320.0
27.5°	106.4	109.0	119.3	133.6	152.8	179.3	214.0	254.0	291.2	314.4	331.3
25°	117.2	119.9	126.4	143.3	167.0	198.3	237.3	282.9	304.9	324.5	344.2
22.5°	127.5	130.3	138.5	152.5	180.8	217.6	263.0	302.8	323.8	336.3	357.7
20°	137.2	141.5	151.6	167.8	194.9	235.9	287.8	321.4	341.4	356.4	376.0
17.5°	146.6	152.5	164.8	184.5	214.8	256.5	310.5	339.8	359.3	373.8	398.2
15°	155.6	163.2	177.5	200.2	233.3	278.5	325.6	355.0	375.9	390.2	418.6
12.5°	164.4	173.6	189.7	214.7	250.0	297.7	338.4	364.7	385.7	407.5	436.8
10°	172.8	183.7	201.3	228.2	264.9	314.2	349.1	372.6	393.5	421.3	451.9
7.5°	174.1	188.7	210.8	240.6	278.2	328.3	357.9	378.7	401.5	433.9	465.5
5°	174.1	188.3	211.5	243.8	284.4	336.5	364.1	383.4	409.1	445.1	477.7
2.5°	174.0	187.5	211.7	244.9	286.0	337.4	365.0	384.6	413.5	456.1	488.8
0°	173.7	186.2	211.2	245.0	286.2	336.2	365.0	385.0	416.2	466.2	498.7
-2.5°	174.0	187.5	211.7	244.9	286.0	337.4	365.0	384.6	413.5	456.1	488.8
-5°	174.1	188.3	211.5	243.8	284.4	336.5	364.1	383.4	409.1	445.1	477.7
-7.5°	174.1	188.7	210.8	240.6	278.2	328.3	357.9	378.7	401.5	433.9	465.5
-10°	172.8	183.7	201.3	228.2	264.9	314.2	349.1	372.6	393.5	421.3	451.9
-12.5°	164.4	173.6	189.7	214.7	250.0	297.7	338.4	364.7	385.7	407.5	436.8
-15°	155.6	163.2	177.5	200.2	233.3	278.5	325.6	355.0	375.9	390.2	418.6
-17.5°	146.6	152.5	164.8	184.5	214.8	256.5	310.5	339.8	359.3	373.8	398.2
-20°	137.2	141.5	151.6	167.8	194.9	235.9	287.8	321.4	341.4	356.4	376.0



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	127.5	130.3	138.5	152.5	180.8	217.6	263.0	302.8	323.8	336.3	357.7
-25°	117.2	119.9	126.4	143.3	167.0	198.3	237.3	282.9	304.9	324.5	344.2
-27.5°	106.4	109.0	119.3	133.6	152.8	179.3	214.0	254.0	291.2	314.4	331.3
-30°	95.5	102.6	111.7	123.9	140.9	163.2	191.2	229.6	274.6	301.0	320.0
-32.5°	87.3	96.1	104.4	115.3	129.4	146.9	172.6	208.3	247.8	286.6	307.0
-35°	80.7	89.0	97.1	106.1	117.5	134.6	158.8	187.2	221.4	259.7	290.1
-37.5°	74.0	81.5	89.5	97.1	107.3	124.9	144.5	169.5	198.1	228.3	261.6
-40°	67.2	73.6	81.1	88.4	100.0	115.6	133.4	153.0	176.7	200.7	226.8
-42.5°	60.2	66.0	72.3	80.4	93.4	107.5	122.0	139.5	156.3	174.8	196.4
-45°	53.0	58.3	63.3	73.8	86.8	99.5	113.0	126.1	139.4	152.7	169.3
-47.5°	46.2	50.8	55.3	66.6	79.3	91.8	104.0	114.9	124.3	135.6	146.0
-50°	40.0	44.0	49.5	60.0	71.1	83.3	95.2	103.7	112.2	120.6	129.7
-52.5°	34.6	37.8	44.5	53.2	63.3	74.0	84.5	92.9	100.4	107.6	115.7
-55°	29.5	33.0	39.4	47.0	55.6	65.2	73.0	81.2	89.2	95.8	102.9
-57.5°	25.0	28.9	34.6	40.7	48.3	56.3	63.0	68.9	75.9	83.2	91.2
-60°	20.9	24.9	30.0	35.2	40.7	47.8	53.7	59.2	64.2	69.3	77.2
-62.5°	17.0	21.1	25.5	30.2	35.0	40.1	45.9	50.9	54.6	59.1	64.4
-65°	13.8	17.2	21.1	25.3	29.6	34.3	39.1	44.0	48.4	50.6	53.2
-67.5°	10.6	13.6	16.8	20.2	23.9	27.8	32.5	36.9	41.1	42.8	44.4
-70°	8.3	10.1	12.7	15.5	18.2	20.5	23.9	28.0	32.1	34.2	35.5
-72.5°	6.0	7.5	9.1	10.9	13.0	14.8	16.5	18.1	20.8	23.8	26.0
-75°	4.4	4.9	6.1	7.5	8.8	9.7	10.7	12.0	13.7	15.5	17.3
-77.5°	3.2	3.7	4.2	4.6	5.2	6.1	7.0	7.6	8.5	9.5	10.6
-80°	2.5	2.5	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.3	6.0
-82.5°	2.3	2.2	2.1	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4
-85°	2.0	1.9	1.6	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0
-87.5°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
82.5°	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.7	4.8	4.9
80°	6.7	7.2	7.6	7.9	8.1	9.0	10.1	11.2	12.4	12.9	13.2
77.5°	11.9	12.7	13.3	13.7	14.0	16.0	18.5	21.1	23.8	25.2	26.3
75°	19.0	20.0	20.7	21.2	21.4	24.4	28.9	33.5	38.4	40.9	42.7
72.5°	27.4	28.3	29.0	29.5	29.9	34.3	42.3	51.0	60.3	65.9	70.0
70°	36.5	37.5	38.3	39.0	39.5	44.8	56.4	68.6	81.1	93.7	107.0
67.5°	46.2	48.3	49.4	50.0	50.7	55.2	67.6	79.0	89.5	112.2	148.0
65°	56.8	61.6	63.6	64.7	65.1	67.2	77.8	87.3	95.9	113.6	140.9
62.5°	70.2	76.5	79.5	80.8	81.6	81.7	90.3	98.3	105.6	116.7	134.0
60°	84.7	91.5	95.1	96.1	96.7	97.0	103.9	111.8	119.2	128.2	144.4
57.5°	97.9	104.3	109.7	111.8	113.5	114.7	120.7	130.0	138.7	147.7	165.1
55°	110.6	118.4	125.8	129.9	133.7	137.1	143.1	154.8	166.0	176.5	194.6
52.5°	124.4	134.4	144.2	151.6	158.9	165.3	171.7	186.9	201.8	215.9	233.4
50°	140.8	153.2	167.6	179.7	190.1	200.4	209.6	227.6	247.8	267.0	285.4
47.5°	161.7	178.0	196.4	213.7	227.8	243.7	258.1	276.6	294.5	312.3	327.6
45°	187.4	209.9	231.1	254.1	274.2	284.7	293.1	304.6	323.0	340.5	354.8
42.5°	220.2	246.4	272.5	289.6	302.5	311.1	317.2	323.2	342.5	359.4	373.2
40°	256.7	283.0	299.1	313.1	322.1	329.7	339.2	348.6	363.7	381.1	396.4
37.5°	288.3	305.2	319.4	330.3	341.2	351.3	365.0	378.5	392.9	412.4	426.7
35°	307.8	322.6	337.0	350.8	364.7	380.2	397.4	417.2	434.8	418.8	395.7
32.5°	322.7	337.9	355.3	376.5	395.6	416.9	438.4	403.8	368.4	354.6	357.4
30°	335.6	353.3	377.2	405.0	431.5	422.0	374.8	358.3	363.2	372.9	391.6
27.5°	349.5	371.5	400.6	434.7	413.8	361.5	364.3	373.8	406.2	433.7	475.4
25°	365.9	392.4	428.5	412.8	364.9	369.9	394.1	430.6	492.3	549.8	600.1
22.5°	385.6	419.5	424.2	365.0	371.5	403.1	452.3	531.5	606.4	675.9	727.7
20°	405.7	444.8	384.7	372.1	399.9	456.5	547.8	638.7	722.2	784.4	836.3
17.5°	429.7	415.9	373.4	386.7	442.9	540.6	643.4	739.7	818.6	926.0	1017.5
15°	450.7	388.1	380.2	424.2	508.8	618.8	730.4	816.9	959.4	1113.4	1269.2
12.5°	438.7	378.2	392.4	457.6	568.9	687.7	786.4	923.3	1111.8	1336.8	1674.8
10°	420.8	383.8	418.5	503.8	620.3	736.0	838.6	1018.1	1266.8	1680.0	2212.3
7.5°	406.9	386.2	435.7	539.3	658.4	765.2	901.8	1119.6	1466.3	2033.1	3166.4
5°	396.5	386.1	443.6	559.8	681.1	785.3	940.9	1193.4	1661.8	2469.4	4405.9
2.5°	391.8	384.1	445.8	570.8	692.2	796.5	965.2	1246.5	1785.2	2874.6	5793.6
0°	<b>395.0</b>	<b>380.0</b>	<b>445.0</b>	<b>575.0</b>	<b>698.7</b>	<b>795.0</b>	<b>968.7</b>	<b>1262.5</b>	<b>1822.4</b>	<b>3024.3</b>	<b>5979.8</b>
-2.5°	391.8	384.1	445.8	570.8	692.2	796.5	965.2	1246.5	1785.2	2874.6	5793.6
-5°	396.5	386.1	443.6	559.8	681.1	785.3	940.9	1193.4	1661.8	2469.4	4405.9
-7.5°	406.9	386.2	435.7	539.3	658.4	765.2	901.8	1119.6	1466.3	2033.1	3166.4
-10°	420.8	383.8	418.5	503.8	620.3	736.0	838.6	1018.1	1266.8	1680.0	2212.3
-12.5°	438.7	378.2	392.4	457.6	568.9	687.7	786.4	923.3	1111.8	1336.8	1674.8
-15°	450.7	388.1	380.2	424.2	508.8	618.8	730.4	816.9	959.4	1113.4	1269.2
-17.5°	429.7	415.9	373.4	386.7	442.9	540.6	643.4	739.7	818.6	926.0	1017.5
-20°	405.7	444.8	384.7	372.1	399.9	456.5	547.8	638.7	722.2	784.4	836.3



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	385.6	419.5	424.2	365.0	371.5	403.1	452.3	531.5	606.4	675.9	727.7
-25°	365.9	392.4	428.5	412.8	364.9	369.9	394.1	430.6	492.3	549.8	600.1
-27.5°	349.5	371.5	400.6	434.7	413.8	361.5	364.3	373.8	406.2	433.7	475.4
-30°	335.6	353.3	377.2	405.0	431.5	422.0	374.8	358.3	363.2	372.9	391.6
-32.5°	322.7	337.9	355.3	376.5	395.6	416.9	438.4	403.8	368.4	354.6	357.4
-35°	307.8	322.6	337.0	350.8	364.7	380.2	397.4	417.2	434.8	418.8	395.7
-37.5°	288.3	305.2	319.4	330.3	341.2	351.3	365.0	378.5	392.9	412.4	426.7
-40°	256.7	283.0	299.1	313.1	322.1	329.7	339.2	348.6	363.7	381.1	396.4
-42.5°	220.2	246.4	272.5	289.6	302.5	311.1	317.2	323.2	342.5	359.4	373.2
-45°	187.4	209.9	231.1	254.1	274.2	284.7	293.1	304.6	323.0	340.5	354.8
-47.5°	161.7	178.0	196.4	213.7	227.8	243.7	258.1	276.6	294.5	312.3	327.6
-50°	140.8	153.2	167.6	179.7	190.1	200.4	209.6	227.6	247.8	267.0	285.4
-52.5°	124.4	134.4	144.2	151.6	158.9	165.3	171.7	186.9	201.8	215.9	233.4
-55°	110.6	118.4	125.8	129.9	133.7	137.1	143.1	154.8	166.0	176.5	194.6
-57.5°	97.9	104.3	109.7	111.8	113.5	114.7	120.7	130.0	138.7	147.7	165.1
-60°	84.7	91.5	95.1	96.1	96.7	97.0	103.9	111.8	119.2	128.2	144.4
-62.5°	70.2	76.5	79.5	80.8	81.6	81.7	90.3	98.3	105.6	116.7	134.0
-65°	56.8	61.6	63.6	64.7	65.1	67.2	77.8	87.3	95.9	113.6	140.9
-67.5°	46.2	48.3	49.4	50.0	50.7	55.2	67.6	79.0	89.5	112.2	148.0
-70°	36.5	37.5	38.3	39.0	39.5	44.8	56.4	68.6	81.1	93.7	107.0
-72.5°	27.4	28.3	29.0	29.5	29.9	34.3	42.3	51.0	60.3	65.9	70.0
-75°	19.0	20.0	20.7	21.2	21.4	24.4	28.9	33.5	38.4	40.9	42.7
-77.5°	11.9	12.7	13.3	13.7	14.0	16.0	18.5	21.1	23.8	25.2	26.3
-80°	6.7	7.2	7.6	7.9	8.1	9.0	10.1	11.2	12.4	12.9	13.2
-82.5°	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.7	4.8	4.9
-85°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
82.5°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7
80°	13.4	13.6	13.1	12.5	13.1	13.6	13.4	13.2	12.9	12.4	11.2
77.5°	27.4	28.4	27.4	26.2	27.4	28.4	27.4	26.3	25.2	23.8	21.1
75°	44.3	45.7	44.9	43.7	44.9	45.7	44.3	42.7	40.9	38.4	33.5
72.5°	73.9	77.6	76.7	75.0	76.7	77.6	73.9	70.0	65.9	60.3	51.0
70°	121.1	135.3	134.7	131.2	134.7	135.3	121.1	107.0	93.7	81.1	68.6
67.5°	186.7	227.0	239.8	246.2	239.8	227.0	186.7	148.0	112.2	89.5	79.0
65°	166.3	190.6	200.3	207.5	200.3	190.6	166.3	140.9	113.6	95.9	87.3
62.5°	149.6	164.0	167.1	167.5	167.1	164.0	149.6	134.0	116.7	105.6	98.3
60°	160.1	175.5	177.7	175.0	177.7	175.5	160.1	144.4	128.2	119.2	111.8
57.5°	181.8	197.9	200.9	197.5	200.9	197.9	181.8	165.1	147.7	138.7	130.0
55°	211.9	228.1	233.5	232.5	233.5	228.1	211.9	194.6	176.5	166.0	154.8
52.5°	250.2	265.2	271.4	271.2	271.4	265.2	250.2	233.4	215.9	201.8	186.9
50°	301.5	314.9	321.6	322.5	321.6	314.9	301.5	285.4	267.0	247.8	227.6
47.5°	338.5	347.3	351.9	352.5	351.9	347.3	338.5	327.6	312.3	294.5	276.6
45°	361.1	365.9	369.4	372.5	369.4	365.9	361.1	354.8	340.5	323.0	304.6
42.5°	382.4	392.3	399.6	401.2	399.6	392.3	382.4	373.2	359.4	342.5	323.2
40°	411.0	424.6	437.6	451.2	437.6	424.6	411.0	396.4	381.1	363.7	348.6
37.5°	441.5	456.6	469.1	476.2	469.1	456.6	441.5	426.7	412.4	392.9	378.5
35°	379.4	369.5	363.6	361.2	363.6	369.5	379.4	395.7	418.8	434.8	417.2
32.5°	359.1	359.8	358.6	356.2	358.6	359.8	359.1	357.4	354.6	368.4	403.8
30°	405.5	412.1	412.9	412.5	412.9	412.1	405.5	391.6	372.9	363.2	358.3
27.5°	506.2	523.1	528.3	538.7	528.3	523.1	506.2	475.4	433.7	406.2	373.8
25°	639.0	664.5	676.8	681.2	676.8	664.5	639.0	600.1	549.8	492.3	430.6
22.5°	757.0	776.5	787.9	797.5	787.9	776.5	757.0	727.7	675.9	606.4	531.5
20°	896.9	932.5	948.7	950.0	948.7	932.5	896.9	836.3	784.4	722.2	638.7
17.5°	1115.3	1184.5	1219.0	1228.7	1219.0	1184.5	1115.3	1017.5	926.0	818.6	739.7
15°	1459.9	1636.3	1727.0	1769.9	1727.0	1636.3	1459.9	1269.2	1113.4	959.4	816.9
12.5°	2021.9	2419.7	2741.4	2862.4	2741.4	2419.7	2021.9	1674.8	1336.8	1111.8	923.3
10°	3135.5	4323.4	5711.2	6358.5	5711.2	4323.4	3135.5	2212.3	1680.0	1266.8	1018.1
7.5°	6066.0	14084.0	27297.2	33600.2	27297.2	14084.0	6066.0	3166.4	2033.1	1466.3	1119.6
5°	12929.8	55800.7	99932.0	117378.7	99932.0	55800.7	12929.8	4405.9	2469.4	1661.8	1193.4
2.5°	20594.2	91520.4	172684.2	201918.4	172684.2	91520.4	20594.2	5793.6	2874.6	1785.2	1246.5
0°	24606.1	96445.6	190553.2	219722.8	190553.2	96445.6	24606.1	5979.8	3024.3	1822.4	1262.5
-2.5°	20594.2	91520.4	172684.2	201918.3	172684.2	91520.4	20594.2	5793.6	2874.6	1785.2	1246.5
-5°	12929.8	55800.7	99932.0	117378.7	99932.0	55800.7	12929.8	4405.9	2469.4	1661.8	1193.4
-7.5°	6066.0	14084.0	27297.2	33600.2	27297.2	14084.0	6066.0	3166.4	2033.1	1466.3	1119.6
-10°	3135.5	4323.4	5711.2	6358.5	5711.2	4323.4	3135.5	2212.3	1680.0	1266.8	1018.1
-12.5°	2021.9	2419.7	2741.4	2862.4	2741.4	2419.7	2021.9	1674.8	1336.8	1111.8	923.3
-15°	1459.9	1636.3	1727.0	1769.9	1727.0	1636.3	1459.9	1269.2	1113.4	959.4	816.9
-17.5°	1115.3	1184.5	1219.0	1228.7	1219.0	1184.5	1115.3	1017.5	926.0	818.6	739.7
-20°	896.9	932.5	948.7	950.0	948.7	932.5	896.9	836.3	784.4	722.2	638.7



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	757.0	776.5	787.9	797.5	787.9	776.5	757.0	727.7	675.9	606.4	531.5
-25°	639.0	664.5	676.8	681.2	676.8	664.5	639.0	600.1	549.8	492.3	430.6
-27.5°	506.2	523.1	528.3	538.7	528.3	523.1	506.2	475.4	433.7	406.2	373.8
-30°	405.5	412.1	412.9	412.5	412.9	412.1	405.5	391.6	372.9	363.2	358.3
-32.5°	359.1	359.8	358.6	356.2	358.6	359.8	359.1	357.4	354.6	368.4	403.8
-35°	379.4	369.5	363.6	361.2	363.6	369.5	379.4	395.7	418.8	434.8	417.2
-37.5°	441.5	456.6	469.1	476.2	469.1	456.6	441.5	426.7	412.4	392.9	378.5
-40°	411.0	424.6	437.6	451.2	437.6	424.6	411.0	396.4	381.1	363.7	348.6
-42.5°	382.4	392.3	399.6	401.2	399.6	392.3	382.4	373.2	359.4	342.5	323.2
-45°	361.1	365.9	369.4	372.5	369.4	365.9	361.1	354.8	340.5	323.0	304.6
-47.5°	338.5	347.3	351.9	352.5	351.9	347.3	338.5	327.6	312.3	294.5	276.6
-50°	301.5	314.9	321.6	322.5	321.6	314.9	301.5	285.4	267.0	247.8	227.6
-52.5°	250.2	265.2	271.4	271.2	271.4	265.2	250.2	233.4	215.9	201.8	186.9
-55°	211.9	228.1	233.5	232.5	233.5	228.1	211.9	194.6	176.5	166.0	154.8
-57.5°	181.8	197.9	200.9	197.5	200.9	197.9	181.8	165.1	147.7	138.7	130.0
-60°	160.1	175.5	177.7	175.0	177.7	175.5	160.1	144.4	128.2	119.2	111.8
-62.5°	149.6	164.0	167.1	167.5	167.1	164.0	149.6	134.0	116.7	105.6	98.3
-65°	166.3	190.6	200.3	207.5	200.3	190.6	166.3	140.9	113.6	95.9	87.3
-67.5°	186.7	227.0	239.8	246.2	239.8	227.0	186.7	148.0	112.2	89.5	79.0
-70°	121.1	135.3	134.7	131.2	134.7	135.3	121.1	107.0	93.7	81.1	68.6
-72.5°	73.9	77.6	76.7	75.0	76.7	77.6	73.9	70.0	65.9	60.3	51.0
-75°	44.3	45.7	44.9	43.7	44.9	45.7	44.3	42.7	40.9	38.4	33.5
-77.5°	27.4	28.4	27.4	26.2	27.4	28.4	27.4	26.3	25.2	23.8	21.1
-80°	13.4	13.6	13.1	12.5	13.1	13.6	13.4	13.2	12.9	12.4	11.2
-82.5°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7
-85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
82.5°	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8
80°	10.1	9.0	8.1	7.9	7.6	7.2	6.7	6.0	5.3	4.9	4.6
77.5°	18.5	16.0	14.0	13.7	13.3	12.7	11.9	10.6	9.5	8.5	7.6
75°	28.9	24.4	21.4	21.2	20.7	20.0	19.0	17.3	15.5	13.7	12.0
72.5°	42.3	34.3	29.9	29.5	29.0	28.3	27.4	26.0	23.8	20.8	18.1
70°	56.4	44.8	39.5	39.0	38.3	37.5	36.5	35.5	34.2	32.1	28.0
67.5°	67.6	55.2	50.7	50.0	49.4	48.3	46.2	44.4	42.8	41.1	36.9
65°	77.8	67.2	65.1	64.7	63.6	61.6	56.8	53.2	50.6	48.4	44.0
62.5°	90.3	81.7	81.6	80.8	79.5	76.5	70.2	64.4	59.1	54.6	50.9
60°	103.9	97.0	96.7	96.1	95.1	91.5	84.7	77.2	69.3	64.2	59.2
57.5°	120.7	114.7	113.5	111.8	109.7	104.3	97.9	91.2	83.2	75.9	68.9
55°	143.1	137.1	133.7	129.9	125.8	118.4	110.6	102.9	95.8	89.2	81.2
52.5°	171.7	165.3	158.9	151.6	144.2	134.4	124.4	115.7	107.6	100.4	92.9
50°	209.6	200.4	190.1	179.7	167.6	153.2	140.8	129.7	120.6	112.2	103.7
47.5°	258.1	243.7	227.8	213.7	196.4	178.0	161.7	146.0	135.6	124.3	114.9
45°	293.1	284.7	274.2	254.1	231.1	209.9	187.4	169.3	152.7	139.4	126.1
42.5°	317.2	311.1	302.5	289.6	272.5	246.4	220.2	196.4	174.8	156.3	139.5
40°	339.2	329.7	322.1	313.1	299.1	283.0	256.7	226.8	200.7	176.7	153.0
37.5°	365.0	351.3	341.2	330.3	319.4	305.2	288.3	261.6	228.3	198.1	169.5
35°	397.4	380.2	364.7	350.8	337.0	322.6	307.8	290.1	259.7	221.4	187.2
32.5°	438.4	416.9	395.6	376.5	355.3	337.9	322.7	307.0	286.6	247.8	208.3
30°	374.8	422.0	431.5	405.0	377.2	353.3	335.6	320.0	301.0	274.6	229.6
27.5°	364.3	361.5	413.8	434.7	400.6	371.5	349.5	331.3	314.4	291.2	254.0
25°	394.1	369.9	364.9	412.8	428.5	392.4	365.9	344.2	324.5	304.9	282.9
22.5°	452.3	403.1	371.5	365.0	424.2	419.5	385.6	357.7	336.3	323.8	302.8
20°	547.8	456.5	399.9	372.1	384.7	444.8	405.7	376.0	356.4	341.4	321.4
17.5°	643.4	540.6	442.9	386.7	373.4	415.9	429.7	398.2	373.8	359.3	339.8
15°	730.4	618.8	508.8	424.2	380.2	388.1	450.7	418.6	390.2	375.9	355.0
12.5°	786.4	687.7	568.9	457.6	392.4	378.2	438.7	436.8	407.5	385.7	364.7
10°	838.6	736.0	620.3	503.8	418.5	383.8	420.8	451.9	421.3	393.5	372.6
7.5°	901.8	765.2	658.4	539.3	435.7	386.2	406.9	465.5	433.9	401.5	378.7
5°	940.9	785.3	681.1	559.8	443.6	386.1	396.5	477.7	445.1	409.1	383.4
2.5°	965.2	796.5	692.2	570.8	445.8	384.1	391.8	488.8	456.1	413.5	384.6
0°	968.7	795.0	698.7	575.0	445.0	380.0	395.0	498.7	466.2	416.2	385.0
-2.5°	965.2	796.5	692.2	570.8	445.8	384.1	391.8	488.8	456.1	413.5	384.6
-5°	940.9	785.3	681.1	559.8	443.6	386.1	396.5	477.7	445.1	409.1	383.4
-7.5°	901.8	765.2	658.4	539.3	435.7	386.2	406.9	465.5	433.9	401.5	378.7
-10°	838.6	736.0	620.3	503.8	418.5	383.8	420.8	451.9	421.3	393.5	372.6
-12.5°	786.4	687.7	568.9	457.6	392.4	378.2	438.7	436.8	407.5	385.7	364.7
-15°	730.4	618.8	508.8	424.2	380.2	388.1	450.7	418.6	390.2	375.9	355.0
-17.5°	643.4	540.6	442.9	386.7	373.4	415.9	429.7	398.2	373.8	359.3	339.8
-20°	547.8	456.5	399.9	372.1	384.7	444.8	405.7	376.0	356.4	341.4	321.4





REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	452.3	403.1	371.5	365.0	424.2	419.5	385.6	357.7	336.3	323.8	302.8
-25°	394.1	369.9	364.9	412.8	428.5	392.4	365.9	344.2	324.5	304.9	282.9
-27.5°	364.3	361.5	413.8	434.7	400.6	371.5	349.5	331.3	314.4	291.2	254.0
-30°	374.8	422.0	431.5	405.0	377.2	353.3	335.6	320.0	301.0	274.6	229.6
-32.5°	438.4	416.9	395.6	376.5	355.3	337.9	322.7	307.0	286.6	247.8	208.3
-35°	397.4	380.2	364.7	350.8	337.0	322.6	307.8	290.1	259.7	221.4	187.2
-37.5°	365.0	351.3	341.2	330.3	319.4	305.2	288.3	261.6	228.3	198.1	169.5
-40°	339.2	329.7	322.1	313.1	299.1	283.0	256.7	226.8	200.7	176.7	153.0
-42.5°	317.2	311.1	302.5	289.6	272.5	246.4	220.2	196.4	174.8	156.3	139.5
-45°	293.1	284.7	274.2	254.1	231.1	209.9	187.4	169.3	152.7	139.4	126.1
-47.5°	258.1	243.7	227.8	213.7	196.4	178.0	161.7	146.0	135.6	124.3	114.9
-50°	209.6	200.4	190.1	179.7	167.6	153.2	140.8	129.7	120.6	112.2	103.7
-52.5°	171.7	165.3	158.9	151.6	144.2	134.4	124.4	115.7	107.6	100.4	92.9
-55°	143.1	137.1	133.7	129.9	125.8	118.4	110.6	102.9	95.8	89.2	81.2
-57.5°	120.7	114.7	113.5	111.8	109.7	104.3	97.9	91.2	83.2	75.9	68.9
-60°	103.9	97.0	96.7	96.1	95.1	91.5	84.7	77.2	69.3	64.2	59.2
-62.5°	90.3	81.7	81.6	80.8	79.5	76.5	70.2	64.4	59.1	54.6	50.9
-65°	77.8	67.2	65.1	64.7	63.6	61.6	56.8	53.2	50.6	48.4	44.0
-67.5°	67.6	55.2	50.7	50.0	49.4	48.3	46.2	44.4	42.8	41.1	36.9
-70°	56.4	44.8	39.5	39.0	38.3	37.5	36.5	35.5	34.2	32.1	28.0
-72.5°	42.3	34.3	29.9	29.5	29.0	28.3	27.4	26.0	23.8	20.8	18.1
-75°	28.9	24.4	21.4	21.2	20.7	20.0	19.0	17.3	15.5	13.7	12.0
-77.5°	18.5	16.0	14.0	13.7	13.3	12.7	11.9	10.6	9.5	8.5	7.6
-80°	10.1	9.0	8.1	7.9	7.6	7.2	6.7	6.0	5.3	4.9	4.6
-82.5°	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8
-85°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
-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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-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°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.1	1.0	0.9	0.8
85°	1.7	1.6	1.5	1.4	1.6	1.9	2.0	2.1	1.9	1.7	1.5
82.5°	2.6	2.4	2.3	2.1	2.1	2.2	2.3	2.5	2.5	2.5	2.2
80°	4.2	3.9	3.6	3.2	2.9	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	7.0	6.1	5.2	4.6	4.2	3.7	3.2	2.8	2.5	2.5	2.5
75°	10.7	9.7	8.8	7.5	6.1	4.9	4.4	3.8	3.3	2.6	2.5
72.5°	16.5	14.8	13.0	10.9	9.1	7.5	6.0	4.9	4.4	3.7	2.8
70°	23.9	20.5	18.2	15.5	12.7	10.1	8.3	6.8	5.5	4.7	3.8
67.5°	32.5	27.8	23.9	20.2	16.8	13.6	10.6	9.0	7.5	5.8	4.8
65°	39.1	34.3	29.6	25.3	21.1	17.2	13.8	11.4	9.6	7.7	5.8
62.5°	45.9	40.1	35.0	30.2	25.5	21.1	17.0	14.7	11.8	9.6	7.3
60°	53.7	47.8	40.7	35.2	30.0	24.9	20.9	18.0	15.0	11.5	9.0
57.5°	63.0	56.3	48.3	40.7	34.6	28.9	25.0	21.8	18.1	14.2	10.8
55°	73.0	65.2	55.6	47.0	39.4	33.0	29.5	25.8	21.4	17.1	12.6
52.5°	84.5	74.0	63.3	53.2	44.5	37.8	34.6	30.0	25.3	20.1	15.4
50°	95.2	83.3	71.1	60.0	49.5	44.0	40.0	35.0	29.2	23.2	18.4
47.5°	104.0	91.8	79.3	66.6	55.3	50.8	46.2	40.2	33.2	26.8	21.6
45°	113.0	99.5	86.8	73.8	63.3	58.3	53.0	45.7	38.1	31.1	24.8
42.5°	122.0	107.5	93.4	80.4	72.3	66.0	60.2	52.1	43.2	35.5	28.4
40°	133.4	115.6	100.0	88.4	81.1	73.6	67.2	59.0	48.5	40.5	32.5
37.5°	144.5	124.9	107.3	97.1	89.5	81.5	74.0	66.0	55.2	46.0	36.6
35°	158.8	134.6	117.5	106.1	97.1	89.0	80.7	72.8	63.0	51.7	40.7
32.5°	172.6	146.9	129.4	115.3	104.4	96.1	87.3	81.4	71.0	57.4	45.0
30°	191.2	163.2	140.9	123.9	111.7	102.6	95.5	91.1	79.3	63.1	49.4
27.5°	214.0	179.3	152.8	133.6	119.3	109.0	106.4	101.8	87.9	69.3	54.1
25°	237.3	198.3	167.0	143.3	126.4	119.9	117.2	113.3	96.7	76.4	58.8
22.5°	263.0	217.6	180.8	152.5	138.5	130.3	127.5	123.0	106.1	83.4	63.3
20°	287.8	235.9	194.9	167.8	151.6	141.5	137.2	132.6	115.9	90.3	67.8
17.5°	310.5	256.5	214.8	184.5	164.8	152.5	146.6	142.1	125.9	97.2	72.1
15°	325.6	278.5	233.3	200.2	177.5	163.2	155.6	151.3	136.0	103.9	75.3
12.5°	338.4	297.7	250.0	214.7	189.7	173.6	164.4	160.3	146.2	108.2	76.9
10°	349.1	314.2	264.9	228.2	201.3	183.7	172.8	166.7	150.1	110.4	78.3
7.5°	357.9	328.3	278.2	240.6	210.8	188.7	174.1	167.9	152.4	112.0	79.5
5°	364.1	336.5	284.4	243.8	211.5	188.3	174.1	168.8	154.0	113.1	80.4
2.5°	365.0	337.4	286.0	244.9	211.7	187.5	174.0	169.6	154.9	113.7	81.0
0°	365.0	336.2	286.2	245.0	211.2	186.2	173.7	170.0	155.0	113.7	81.2
-2.5°	365.0	337.4	286.0	244.9	211.7	187.5	174.0	169.6	154.9	113.7	81.0
-5°	364.1	336.5	284.4	243.8	211.5	188.3	174.1	168.8	154.0	113.1	80.4
-7.5°	357.9	328.3	278.2	240.6	210.8	188.7	174.1	167.9	152.4	112.0	79.5
-10°	349.1	314.2	264.9	228.2	201.3	183.7	172.8	166.7	150.1	110.4	78.3
-12.5°	338.4	297.7	250.0	214.7	189.7	173.6	164.4	160.3	146.2	108.2	76.9
-15°	325.6	278.5	233.3	200.2	177.5	163.2	155.6	151.3	136.0	103.9	75.3
-17.5°	310.5	256.5	214.8	184.5	164.8	152.5	146.6	142.1	125.9	97.2	72.1
-20°	287.8	235.9	194.9	167.8	151.6	141.5	137.2	132.6	115.9	90.3	67.8



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	263.0	217.6	180.8	152.5	138.5	130.3	127.5	123.0	106.1	83.4	63.3
-25°	237.3	198.3	167.0	143.3	126.4	119.9	117.2	113.3	96.7	76.4	58.8
-27.5°	214.0	179.3	152.8	133.6	119.3	109.0	106.4	101.8	87.9	69.3	54.1
-30°	191.2	163.2	140.9	123.9	111.7	102.6	95.5	91.1	79.3	63.1	49.4
-32.5°	172.6	146.9	129.4	115.3	104.4	96.1	87.3	81.4	71.0	57.4	45.0
-35°	158.8	134.6	117.5	106.1	97.1	89.0	80.7	72.8	63.0	51.7	40.7
-37.5°	144.5	124.9	107.3	97.1	89.5	81.5	74.0	66.0	55.2	46.0	36.6
-40°	133.4	115.6	100.0	88.4	81.1	73.6	67.2	59.0	48.5	40.5	32.5
-42.5°	122.0	107.5	93.4	80.4	72.3	66.0	60.2	52.1	43.2	35.5	28.4
-45°	113.0	99.5	86.8	73.8	63.3	58.3	53.0	45.7	38.1	31.1	24.8
-47.5°	104.0	91.8	79.3	66.6	55.3	50.8	46.2	40.2	33.2	26.8	21.6
-50°	95.2	83.3	71.1	60.0	49.5	44.0	40.0	35.0	29.2	23.2	18.4
-52.5°	84.5	74.0	63.3	53.2	44.5	37.8	34.6	30.0	25.3	20.1	15.4
-55°	73.0	65.2	55.6	47.0	39.4	33.0	29.5	25.8	21.4	17.1	12.6
-57.5°	63.0	56.3	48.3	40.7	34.6	28.9	25.0	21.8	18.1	14.2	10.8
-60°	53.7	47.8	40.7	35.2	30.0	24.9	20.9	18.0	15.0	11.5	9.0
-62.5°	45.9	40.1	35.0	30.2	25.5	21.1	17.0	14.7	11.8	9.6	7.3
-65°	39.1	34.3	29.6	25.3	21.1	17.2	13.8	11.4	9.6	7.7	5.8
-67.5°	32.5	27.8	23.9	20.2	16.8	13.6	10.6	9.0	7.5	5.8	4.8
-70°	23.9	20.5	18.2	15.5	12.7	10.1	8.3	6.8	5.5	4.7	3.8
-72.5°	16.5	14.8	13.0	10.9	9.1	7.5	6.0	4.9	4.4	3.7	2.8
-75°	10.7	9.7	8.8	7.5	6.1	4.9	4.4	3.8	3.3	2.6	2.5
-77.5°	7.0	6.1	5.2	4.6	4.2	3.7	3.2	2.8	2.5	2.5	2.5
-80°	4.2	3.9	3.6	3.2	2.9	2.5	2.5	2.5	2.5	2.5	2.5
-82.5°	2.6	2.4	2.3	2.1	2.1	2.2	2.3	2.5	2.5	2.5	2.2
-85°	1.7	1.6	1.5	1.4	1.6	1.9	2.0	2.1	1.9	1.7	1.5
-87.5°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.1	1.0	0.9	0.8
-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: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
70°	2.6	2.5	2.5	2.5	1.7	0.9	0.0
67.5°	3.6	2.5	2.5	2.5	1.9	1.0	0.0
65°	4.5	2.9	2.5	2.5	2.1	1.1	0.0
62.5°	5.4	3.7	2.5	2.5	2.3	1.2	0.0
60°	6.3	4.6	2.5	2.5	2.5	1.2	0.0
57.5°	8.0	5.4	3.1	2.5	2.5	1.3	0.0
55°	9.7	6.2	3.8	2.5	2.5	1.4	0.0
52.5°	11.5	7.1	4.5	2.5	2.6	1.5	0.0
50°	13.3	8.7	5.1	2.5	2.6	1.6	0.0
47.5°	15.2	10.2	5.8	2.6	2.6	1.7	0.0
45°	18.0	11.8	6.4	3.1	2.6	1.8	0.0
42.5°	20.9	13.4	7.0	3.5	2.7	1.8	0.0
40°	23.7	15.0	7.9	4.0	2.7	1.9	0.0
37.5°	26.6	16.6	9.1	4.4	2.8	2.0	0.0
35°	29.6	18.7	10.3	4.8	2.8	2.0	0.0
32.5°	32.6	20.9	11.5	5.1	2.9	2.1	0.0
30°	36.0	23.2	12.6	5.4	2.9	2.2	0.0
27.5°	39.4	25.4	13.4	5.7	3.0	2.2	0.0
25°	42.7	27.5	13.9	5.9	3.1	2.3	0.0
22.5°	46.0	29.2	14.4	6.0	3.1	2.3	0.0
20°	49.2	29.8	14.7	6.2	3.2	2.3	0.0
17.5°	50.8	30.2	14.9	6.3	3.3	2.4	0.0
15°	51.4	30.4	15.0	6.4	3.3	2.4	0.0
12.5°	51.8	30.4	15.0	6.4	3.4	2.4	0.0
10°	52.0	30.1	14.9	6.4	3.5	2.5	0.0
7.5°	51.8	29.7	14.7	6.4	3.5	2.5	0.0
5°	51.5	29.1	14.5	6.3	3.6	2.5	0.0
2.5°	50.9	28.4	14.1	6.3	3.6	2.5	0.0
0°	50.0	27.5	13.7	6.2	3.7	2.5	0.0
-2.5°	50.9	28.4	14.1	6.3	3.6	2.5	0.0
-5°	51.5	29.1	14.5	6.3	3.6	2.5	0.0
-7.5°	51.8	29.7	14.7	6.4	3.5	2.5	0.0
-10°	52.0	30.1	14.9	6.4	3.5	2.5	0.0
-12.5°	51.8	30.4	15.0	6.4	3.4	2.4	0.0
-15°	51.4	30.4	15.0	6.4	3.3	2.4	0.0
-17.5°	50.8	30.2	14.9	6.3	3.3	2.4	0.0
-20°	49.2	29.8	14.7	6.2	3.2	2.3	0.0



REPORT NUMBER: P558809 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.0	29.2	14.4	6.0	3.1	2.3	0.0
-25°	42.7	27.5	13.9	5.9	3.1	2.3	0.0
-27.5°	39.4	25.4	13.4	5.7	3.0	2.2	0.0
-30°	36.0	23.2	12.6	5.4	2.9	2.2	0.0
-32.5°	32.6	20.9	11.5	5.1	2.9	2.1	0.0
-35°	29.6	18.7	10.3	4.8	2.8	2.0	0.0
-37.5°	26.6	16.6	9.1	4.4	2.8	2.0	0.0
-40°	23.7	15.0	7.9	4.0	2.7	1.9	0.0
-42.5°	20.9	13.4	7.0	3.5	2.7	1.8	0.0
-45°	18.0	11.8	6.4	3.1	2.6	1.8	0.0
-47.5°	15.2	10.2	5.8	2.6	2.6	1.7	0.0
-50°	13.3	8.7	5.1	2.5	2.6	1.6	0.0
-52.5°	11.5	7.1	4.5	2.5	2.6	1.5	0.0
-55°	9.7	6.2	3.8	2.5	2.5	1.4	0.0
-57.5°	8.0	5.4	3.1	2.5	2.5	1.3	0.0
-60°	6.3	4.6	2.5	2.5	2.5	1.2	0.0
-62.5°	5.4	3.7	2.5	2.5	2.3	1.2	0.0
-65°	4.5	2.9	2.5	2.5	2.1	1.1	0.0
-67.5°	3.6	2.5	2.5	2.5	1.9	1.0	0.0
-70°	2.6	2.5	2.5	2.5	1.7	0.9	0.0
-72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
-75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
-77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
-80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)