

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: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558881 (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-SA4B-927-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

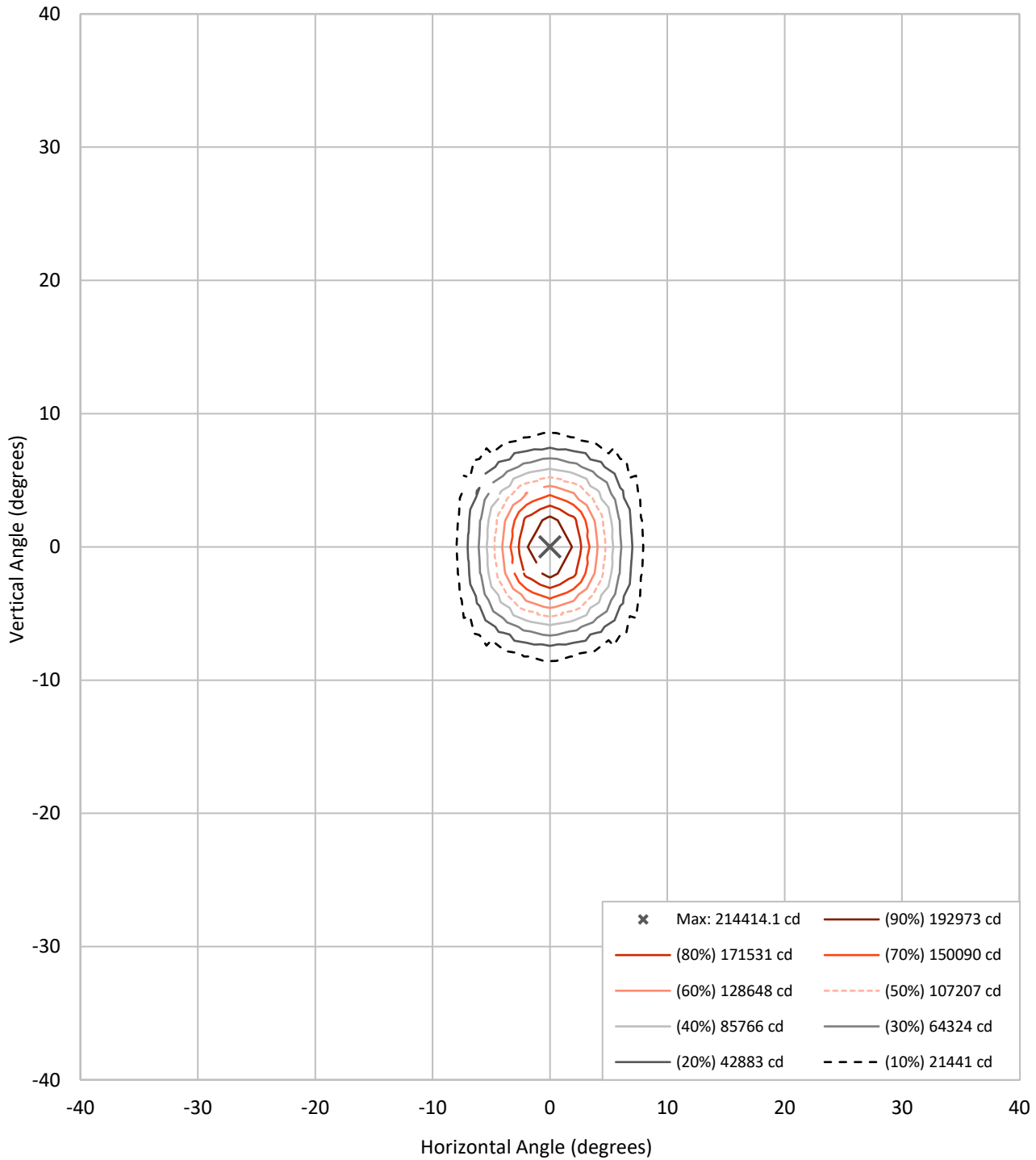
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8349.7 lumens	Max Intensity:	214414.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3578.9 lumens	Field Lumens:	6168.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 126
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



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-927-U-TSB-XX

Iso-Candela Plot





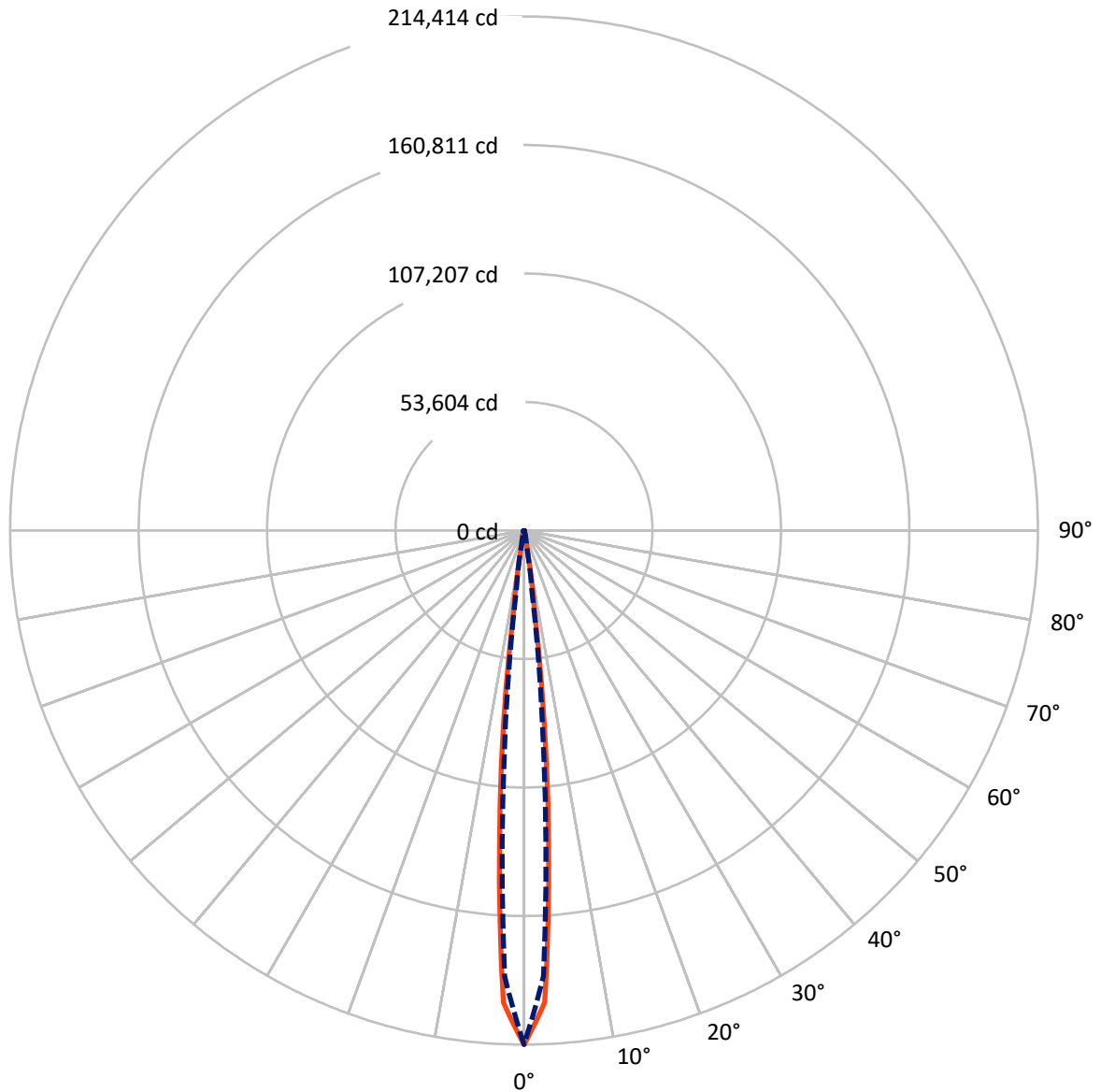
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Lumen Table

90	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
80	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
70	0.1	0.2	0.4	0.9	1.4	1.8	2.9	5.2	5.2	2.9	1.8	1.4	0.9	0.4	0.2	0.1			
60		0.3	0.8	1.7	2.7	3.7	5.0	6.7	6.7	5.0	3.7	2.7	1.7	0.8	0.3				
50	0.4	0.6	1.3	2.7	4.7	7.1	9.1	10.8	10.8	9.1	7.1	4.7	2.7	1.3	0.6	0.4			
40		0.9	1.9	4.1	7.3	9.9	11.2	11.8	11.8	11.2	9.9	7.3	4.1	1.9	0.9				
30	0.8	1.3	2.6	5.7	9.0	10.8	14.7	19.3	19.3	14.7	10.8	9.0	5.7	2.6	1.3	0.8			
20		1.8	3.6	7.3	10.0	14.2	28.7	57.3	57.3	28.7	14.2	10.0	7.3	3.6	1.8				
10	1.0	2.0	4.3	8.1	10.3	18.2	56.7	1677.6	1677.6	56.7	18.2	10.3	8.1	4.3	2.0	1.0			
0		2.0	4.3	8.1	10.3	18.2	56.7	1677.6	1677.6	56.7	18.2	10.3	8.1	4.3	2.0				
-10	0.8	1.8	3.6	7.3	10.0	14.2	28.7	57.3	57.3	28.7	14.2	10.0	7.3	3.6	1.8	0.8			
-20		1.3	2.6	5.7	9.0	10.8	14.7	19.3	19.3	14.7	10.8	9.0	5.7	2.6	1.3				
-30	0.4	0.9	1.9	4.1	7.3	9.9	11.2	11.8	11.8	11.2	9.9	7.3	4.1	1.9	0.9	0.4			
-40		0.6	1.3	2.7	4.7	7.1	9.1	10.8	10.8	9.1	7.1	4.7	2.7	1.3	0.6				
-50	0.1	0.3	0.8	1.7	2.7	3.7	5.0	6.7	6.7	5.0	3.7	2.7	1.7	0.8	0.3	0.1			
-60		0.2	0.4	0.9	1.4	1.8	2.9	5.2	5.2	2.9	1.8	1.4	0.9	0.4	0.2				
-70	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0							0.0			
-80		0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
-90	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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CATALOG NUMBER: GFLD-SA4B-927-U-TSB-XX

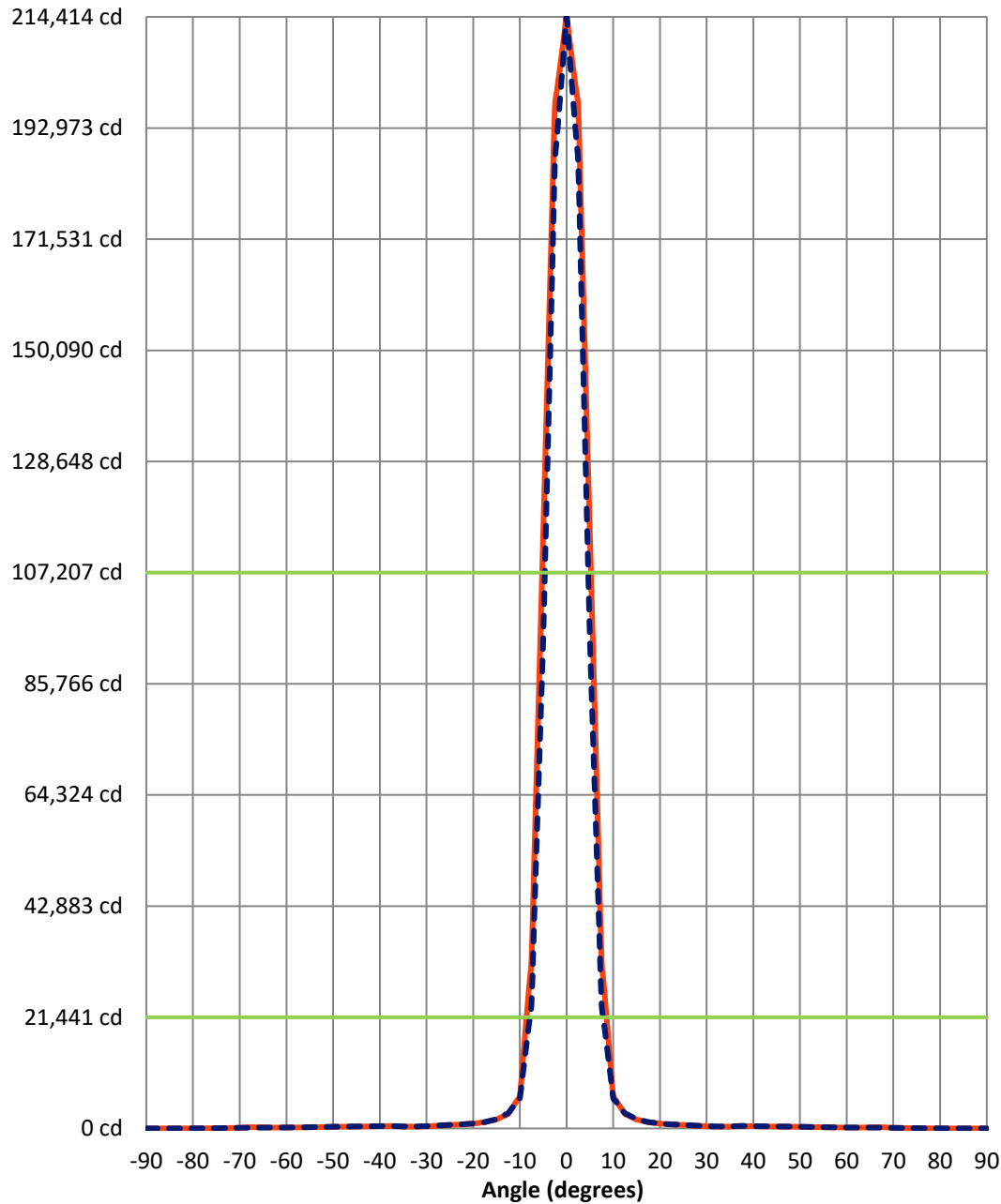
Luminous Intensity Polar Plot



— 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: 3578.9
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 6168.1
Efficiency: 73.9%

Spill:
Lumens: 2181.6
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	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.7
75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.5	3.2	3.7
72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.7	3.6	4.3	4.8
70°	0.0	0.8	1.6	2.4	2.4	2.4	2.5	3.7	4.6	5.4	6.7
67.5°	0.0	0.9	1.8	2.4	2.4	2.4	3.4	4.7	5.7	7.4	8.8
65°	0.0	1.0	2.0	2.4	2.4	2.8	4.4	5.7	7.6	9.4	11.2
62.5°	0.0	1.1	2.2	2.4	2.4	3.6	5.3	7.2	9.4	11.6	14.4
60°	0.0	1.2	2.4	2.4	2.4	4.4	6.2	8.9	11.2	14.6	17.6
57.5°	0.0	1.3	2.4	2.4	3.0	5.2	7.8	10.5	13.9	17.7	21.3
55°	0.0	1.4	2.4	2.4	3.7	6.0	9.5	12.3	16.8	20.9	25.2
52.5°	0.0	1.5	2.5	2.4	4.3	6.9	11.2	15.1	19.6	24.7	29.3
50°	0.0	1.5	2.5	2.4	5.0	8.5	13.0	18.0	22.7	28.5	34.2
47.5°	0.0	1.6	2.5	2.5	5.6	10.0	14.9	21.1	26.2	32.4	39.3
45°	0.0	1.7	2.6	3.0	6.2	11.6	17.6	24.2	30.3	37.3	44.6
42.5°	0.0	1.8	2.6	3.4	6.8	13.1	20.4	27.8	34.7	42.2	50.9
40°	0.0	1.8	2.6	3.9	7.7	14.7	23.2	31.7	39.5	47.4	57.6
37.5°	0.0	1.9	2.7	4.3	8.9	16.2	26.0	35.7	44.9	53.9	64.5
35°	0.0	2.0	2.8	4.7	10.1	18.2	28.9	39.8	50.5	61.5	71.1
32.5°	0.0	2.0	2.8	5.0	11.2	20.5	31.9	43.9	56.0	69.3	79.5
30°	0.0	2.1	2.9	5.3	12.3	22.7	35.2	48.2	61.6	77.4	89.0
27.5°	0.0	2.1	2.9	5.5	13.1	24.8	38.5	52.8	67.7	85.7	99.4
25°	0.0	2.2	3.0	5.7	13.6	26.9	41.7	57.4	74.5	94.4	110.6
22.5°	0.0	2.2	3.1	5.9	14.1	28.6	44.9	61.8	81.4	103.6	120.1
20°	0.0	2.3	3.2	6.0	14.4	29.2	48.0	66.2	88.2	113.1	129.5
17.5°	0.0	2.3	3.2	6.2	14.6	29.5	49.6	70.4	94.9	122.9	138.7
15°	0.0	2.3	3.3	6.2	14.7	29.7	50.2	73.5	101.4	132.8	147.7
12.5°	0.0	2.3	3.4	6.3	14.7	29.7	50.6	75.1	105.6	142.7	156.5
10°	0.0	2.4	3.4	6.3	14.6	29.4	50.7	76.5	107.7	146.5	162.8
7.5°	0.0	2.4	3.5	6.3	14.4	29.0	50.6	77.6	109.3	148.8	163.9
5°	0.0	2.4	3.6	6.2	14.1	28.4	50.2	78.5	110.4	150.3	164.8
2.5°	0.0	2.4	3.6	6.2	13.8	27.7	49.7	79.1	111.0	151.2	165.5
0°	0.0	2.4	3.7	6.1	13.4	26.8	48.8	79.3	111.0	151.3	165.9
-2.5°	0.0	2.4	3.6	6.2	13.8	27.7	49.7	79.1	111.0	151.2	165.5
-5°	0.0	2.4	3.6	6.2	14.1	28.4	50.2	78.5	110.4	150.3	164.8
-7.5°	0.0	2.4	3.5	6.3	14.4	29.0	50.6	77.6	109.3	148.8	163.9
-10°	0.0	2.4	3.4	6.3	14.6	29.4	50.7	76.5	107.7	146.5	162.8
-12.5°	0.0	2.3	3.4	6.3	14.7	29.7	50.6	75.1	105.6	142.7	156.5
-15°	0.0	2.3	3.3	6.2	14.7	29.7	50.2	73.5	101.4	132.8	147.7
-17.5°	0.0	2.3	3.2	6.2	14.6	29.5	49.6	70.4	94.9	122.9	138.7
-20°	0.0	2.3	3.2	6.0	14.4	29.2	48.0	66.2	88.2	113.1	129.5



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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	2.2	3.1	5.9	14.1	28.6	44.9	61.8	81.4	103.6	120.1
-25°	0.0	2.2	3.0	5.7	13.6	26.9	41.7	57.4	74.5	94.4	110.6
-27.5°	0.0	2.1	2.9	5.5	13.1	24.8	38.5	52.8	67.7	85.7	99.4
-30°	0.0	2.1	2.9	5.3	12.3	22.7	35.2	48.2	61.6	77.4	89.0
-32.5°	0.0	2.0	2.8	5.0	11.2	20.5	31.9	43.9	56.0	69.3	79.5
-35°	0.0	2.0	2.8	4.7	10.1	18.2	28.9	39.8	50.5	61.5	71.1
-37.5°	0.0	1.9	2.7	4.3	8.9	16.2	26.0	35.7	44.9	53.9	64.5
-40°	0.0	1.8	2.6	3.9	7.7	14.7	23.2	31.7	39.5	47.4	57.6
-42.5°	0.0	1.8	2.6	3.4	6.8	13.1	20.4	27.8	34.7	42.2	50.9
-45°	0.0	1.7	2.6	3.0	6.2	11.6	17.6	24.2	30.3	37.3	44.6
-47.5°	0.0	1.6	2.5	2.5	5.6	10.0	14.9	21.1	26.2	32.4	39.3
-50°	0.0	1.5	2.5	2.4	5.0	8.5	13.0	18.0	22.7	28.5	34.2
-52.5°	0.0	1.5	2.5	2.4	4.3	6.9	11.2	15.1	19.6	24.7	29.3
-55°	0.0	1.4	2.4	2.4	3.7	6.0	9.5	12.3	16.8	20.9	25.2
-57.5°	0.0	1.3	2.4	2.4	3.0	5.2	7.8	10.5	13.9	17.7	21.3
-60°	0.0	1.2	2.4	2.4	2.4	4.4	6.2	8.9	11.2	14.6	17.6
-62.5°	0.0	1.1	2.2	2.4	2.4	3.6	5.3	7.2	9.4	11.6	14.4
-65°	0.0	1.0	2.0	2.4	2.4	2.8	4.4	5.7	7.6	9.4	11.2
-67.5°	0.0	0.9	1.8	2.4	2.4	2.4	3.4	4.7	5.7	7.4	8.8
-70°	0.0	0.8	1.6	2.4	2.4	2.4	2.5	3.7	4.6	5.4	6.7
-72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.7	3.6	4.3	4.8
-75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.5	3.2	3.7
-77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.7
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	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



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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°	1.9	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
82.5°	2.2	2.1	2.1	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3
80°	2.4	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.9
77.5°	3.1	3.6	4.1	4.5	5.1	6.0	6.8	7.5	8.3	9.3	10.4
75°	4.3	4.8	6.0	7.4	8.6	9.6	10.5	11.8	13.4	15.2	16.9
72.5°	5.9	7.4	9.0	10.7	12.7	14.5	16.1	17.7	20.3	23.2	25.4
70°	8.1	9.9	12.4	15.2	17.8	20.1	23.4	27.4	31.4	33.4	34.6
67.5°	10.4	13.3	16.4	19.7	23.3	27.2	31.8	36.1	40.1	41.8	43.3
65°	13.5	16.8	20.6	24.7	28.9	33.4	38.1	42.9	47.2	49.4	51.9
62.5°	16.6	20.6	24.9	29.5	34.2	39.1	44.8	49.7	53.3	57.8	62.9
60°	20.4	24.4	29.3	34.4	39.8	46.6	52.4	57.8	62.7	67.7	75.4
57.5°	24.4	28.2	33.8	39.8	47.1	55.0	61.5	67.3	74.1	81.2	89.1
55°	28.8	32.2	38.5	45.9	54.3	63.6	71.3	79.2	87.1	93.5	100.4
52.5°	33.8	37.0	43.5	52.0	61.8	72.2	82.4	90.7	98.0	105.1	112.9
50°	39.1	43.0	48.3	58.5	69.4	81.3	92.8	101.2	109.5	117.8	126.6
47.5°	45.1	49.6	54.0	65.0	77.4	89.6	101.5	112.1	121.4	132.3	142.5
45°	51.8	57.0	61.7	72.0	84.7	97.1	110.3	123.1	136.1	149.0	165.2
42.5°	58.8	64.5	70.6	78.5	91.2	104.9	119.1	136.1	152.5	170.6	191.6
40°	65.6	71.9	79.2	86.3	97.6	112.8	130.2	149.3	172.4	195.8	221.3
37.5°	72.3	79.5	87.3	94.8	104.7	121.9	141.0	165.4	193.3	222.8	255.3
35°	78.8	86.9	94.8	103.5	114.7	131.4	155.0	182.6	216.0	253.4	283.1
32.5°	85.2	93.8	101.9	112.5	126.2	143.3	168.5	203.3	241.8	279.7	299.5
30°	93.2	100.1	109.0	120.9	137.5	159.3	186.6	224.1	267.9	293.7	312.2
27.5°	103.9	106.4	116.4	130.3	149.1	175.0	208.8	247.8	284.1	306.8	323.4
25°	114.4	117.0	123.3	139.8	163.0	193.5	231.5	276.0	297.5	316.7	335.9
22.5°	124.5	127.2	135.1	148.8	176.4	212.4	256.6	295.5	316.0	328.3	349.0
20°	133.9	138.1	147.9	163.8	190.2	230.2	280.9	313.6	333.1	347.8	366.9
17.5°	143.1	148.8	160.8	180.1	209.6	250.3	303.0	331.6	350.7	364.8	388.5
15°	151.9	159.3	173.3	195.3	227.7	271.8	317.7	346.4	366.8	380.8	408.5
12.5°	160.4	169.4	185.1	209.6	243.9	290.5	330.3	355.9	376.4	397.7	426.3
10°	168.7	179.3	196.5	222.7	258.5	306.7	340.7	363.6	384.0	411.1	441.0
7.5°	169.9	184.2	205.7	234.8	271.4	320.4	349.3	369.6	391.8	423.4	454.3
5°	170.0	183.8	206.4	238.0	277.5	328.4	355.3	374.1	399.2	434.4	466.1
2.5°	169.8	182.9	206.6	239.0	279.1	329.2	356.2	375.3	403.5	445.2	477.1
0°	169.5	181.7	206.1	239.1	279.3	328.1	356.2	375.7	406.2	455.0	486.7
-2.5°	169.8	182.9	206.6	239.0	279.1	329.2	356.2	375.3	403.5	445.2	477.1
-5°	170.0	183.8	206.4	238.0	277.5	328.4	355.3	374.1	399.2	434.4	466.1
-7.5°	169.9	184.2	205.7	234.8	271.4	320.4	349.3	369.6	391.8	423.4	454.3
-10°	168.7	179.3	196.5	222.7	258.5	306.7	340.7	363.6	384.0	411.1	441.0
-12.5°	160.4	169.4	185.1	209.6	243.9	290.5	330.3	355.9	376.4	397.7	426.3
-15°	151.9	159.3	173.3	195.3	227.7	271.8	317.7	346.4	366.8	380.8	408.5
-17.5°	143.1	148.8	160.8	180.1	209.6	250.3	303.0	331.6	350.7	364.8	388.5
-20°	133.9	138.1	147.9	163.8	190.2	230.2	280.9	313.6	333.1	347.8	366.9



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	124.5	127.2	135.1	148.8	176.4	212.4	256.6	295.5	316.0	328.3	349.0
-25°	114.4	117.0	123.3	139.8	163.0	193.5	231.5	276.0	297.5	316.7	335.9
-27.5°	103.9	106.4	116.4	130.3	149.1	175.0	208.8	247.8	284.1	306.8	323.4
-30°	93.2	100.1	109.0	120.9	137.5	159.3	186.6	224.1	267.9	293.7	312.2
-32.5°	85.2	93.8	101.9	112.5	126.2	143.3	168.5	203.3	241.8	279.7	299.5
-35°	78.8	86.9	94.8	103.5	114.7	131.4	155.0	182.6	216.0	253.4	283.1
-37.5°	72.3	79.5	87.3	94.8	104.7	121.9	141.0	165.4	193.3	222.8	255.3
-40°	65.6	71.9	79.2	86.3	97.6	112.8	130.2	149.3	172.4	195.8	221.3
-42.5°	58.8	64.5	70.6	78.5	91.2	104.9	119.1	136.1	152.5	170.6	191.6
-45°	51.8	57.0	61.7	72.0	84.7	97.1	110.3	123.1	136.1	149.0	165.2
-47.5°	45.1	49.6	54.0	65.0	77.4	89.6	101.5	112.1	121.4	132.3	142.5
-50°	39.1	43.0	48.3	58.5	69.4	81.3	92.8	101.2	109.5	117.8	126.6
-52.5°	33.8	37.0	43.5	52.0	61.8	72.2	82.4	90.7	98.0	105.1	112.9
-55°	28.8	32.2	38.5	45.9	54.3	63.6	71.3	79.2	87.1	93.5	100.4
-57.5°	24.4	28.2	33.8	39.8	47.1	55.0	61.5	67.3	74.1	81.2	89.1
-60°	20.4	24.4	29.3	34.4	39.8	46.6	52.4	57.8	62.7	67.7	75.4
-62.5°	16.6	20.6	24.9	29.5	34.2	39.1	44.8	49.7	53.3	57.8	62.9
-65°	13.5	16.8	20.6	24.7	28.9	33.4	38.1	42.9	47.2	49.4	51.9
-67.5°	10.4	13.3	16.4	19.7	23.3	27.2	31.8	36.1	40.1	41.8	43.3
-70°	8.1	9.9	12.4	15.2	17.8	20.1	23.4	27.4	31.4	33.4	34.6
-72.5°	5.9	7.4	9.0	10.7	12.7	14.5	16.1	17.7	20.3	23.2	25.4
-75°	4.3	4.8	6.0	7.4	8.6	9.6	10.5	11.8	13.4	15.2	16.9
-77.5°	3.1	3.6	4.1	4.5	5.1	6.0	6.8	7.5	8.3	9.3	10.4
-80°	2.4	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.9
-82.5°	2.2	2.1	2.1	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3
-85°	1.9	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
-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: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
82.5°	3.5	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.6	4.7	4.8
80°	6.5	7.1	7.4	7.8	8.0	8.8	9.9	11.0	12.2	12.6	12.9
77.5°	11.6	12.5	13.0	13.4	13.7	15.6	18.1	20.6	23.2	24.6	25.8
75°	18.5	19.5	20.2	20.7	21.0	23.9	28.2	32.7	37.5	39.9	41.6
72.5°	26.8	27.6	28.3	28.9	29.2	33.5	41.4	49.9	58.9	64.4	68.4
70°	35.7	36.7	37.5	38.1	38.6	43.8	55.1	66.9	79.2	91.4	104.5
67.5°	45.1	47.2	48.2	48.9	49.5	53.9	65.9	77.1	87.4	109.5	144.4
65°	55.4	60.1	62.1	63.2	63.6	65.6	75.9	85.2	93.6	110.9	137.5
62.5°	68.6	74.7	77.6	78.9	79.6	79.7	88.1	95.9	103.1	113.9	130.8
60°	82.7	89.4	92.9	93.8	94.4	94.7	101.4	109.1	116.3	125.1	140.9
57.5°	95.6	101.9	107.0	109.1	110.7	111.9	117.8	126.9	135.4	144.2	161.1
55°	107.9	115.5	122.8	126.7	130.5	133.8	139.6	151.1	162.0	172.3	189.9
52.5°	121.4	131.1	140.8	148.0	155.1	161.3	167.6	182.4	196.9	210.7	227.8
50°	137.5	149.5	163.6	175.4	185.5	195.6	204.5	222.1	241.8	260.5	278.5
47.5°	157.8	173.7	191.7	208.6	222.4	237.9	251.9	270.0	287.4	304.8	319.7
45°	182.8	204.9	225.6	247.9	267.6	277.9	286.0	297.3	315.2	332.3	346.2
42.5°	214.9	240.5	266.0	282.6	295.2	303.6	309.5	315.4	334.2	350.7	364.2
40°	250.5	276.2	291.9	305.5	314.3	321.7	331.0	340.2	354.9	371.9	386.9
37.5°	281.3	297.8	311.7	322.3	332.9	342.8	356.2	369.4	383.5	402.4	416.4
35°	300.3	314.8	328.9	342.3	355.8	371.0	387.8	407.2	424.3	408.7	386.1
32.5°	314.9	329.7	346.7	367.4	386.1	406.8	427.8	394.1	359.5	346.0	348.8
30°	327.5	344.8	368.1	395.2	421.1	411.8	365.8	349.7	354.4	363.9	382.1
27.5°	341.1	362.6	390.9	424.2	403.8	352.8	355.5	364.8	396.4	423.3	463.9
25°	357.0	383.0	418.2	402.8	356.1	360.9	384.6	420.3	480.4	536.5	585.6
22.5°	376.3	409.4	414.0	356.2	362.5	393.4	441.4	518.6	591.7	659.5	710.2
20°	395.9	434.0	375.4	363.1	390.3	445.5	534.5	623.2	704.8	765.5	816.2
17.5°	419.3	405.9	364.3	377.3	432.3	527.6	627.8	721.8	798.8	903.7	992.9
15°	439.9	378.7	371.0	413.9	496.6	603.8	712.7	797.2	936.2	1086.5	1238.5
12.5°	428.1	369.1	382.9	446.5	555.1	671.1	767.4	901.0	1085.0	1304.5	1634.3
10°	410.6	374.5	408.4	491.6	605.3	718.3	818.3	993.5	1236.3	1639.4	2158.8
7.5°	397.2	376.8	425.2	526.3	642.6	746.7	880.1	1092.5	1430.9	1984.0	3089.9
5°	386.9	376.8	432.9	546.3	664.7	766.4	918.2	1164.6	1621.7	2409.7	4299.5
2.5°	382.4	374.8	435.0	557.0	675.5	777.3	941.9	1216.3	1742.0	2805.2	5653.6
0°	385.4	370.8	434.2	561.1	681.8	775.8	945.3	1232.0	1778.4	2951.2	5835.3
-2.5°	382.4	374.8	435.0	557.0	675.5	777.3	941.9	1216.3	1742.0	2805.2	5653.6
-5°	386.9	376.8	432.9	546.3	664.7	766.4	918.2	1164.6	1621.7	2409.7	4299.5
-7.5°	397.2	376.8	425.2	526.3	642.6	746.7	880.1	1092.5	1430.9	1984.0	3089.9
-10°	410.6	374.5	408.4	491.6	605.3	718.3	818.3	993.5	1236.3	1639.4	2158.8
-12.5°	428.1	369.1	382.9	446.5	555.1	671.1	767.4	901.0	1085.0	1304.5	1634.3
-15°	439.9	378.7	371.0	413.9	496.6	603.8	712.7	797.2	936.2	1086.5	1238.5
-17.5°	419.3	405.9	364.3	377.3	432.3	527.6	627.8	721.8	798.8	903.7	992.9
-20°	395.9	434.0	375.4	363.1	390.3	445.5	534.5	623.2	704.8	765.5	816.2



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	376.3	409.4	414.0	356.2	362.5	393.4	441.4	518.6	591.7	659.5	710.2
-25°	357.0	383.0	418.2	402.8	356.1	360.9	384.6	420.3	480.4	536.5	585.6
-27.5°	341.1	362.6	390.9	424.2	403.8	352.8	355.5	364.8	396.4	423.3	463.9
-30°	327.5	344.8	368.1	395.2	421.1	411.8	365.8	349.7	354.4	363.9	382.1
-32.5°	314.9	329.7	346.7	367.4	386.1	406.8	427.8	394.1	359.5	346.0	348.8
-35°	300.3	314.8	328.9	342.3	355.8	371.0	387.8	407.2	424.3	408.7	386.1
-37.5°	281.3	297.8	311.7	322.3	332.9	342.8	356.2	369.4	383.5	402.4	416.4
-40°	250.5	276.2	291.9	305.5	314.3	321.7	331.0	340.2	354.9	371.9	386.9
-42.5°	214.9	240.5	266.0	282.6	295.2	303.6	309.5	315.4	334.2	350.7	364.2
-45°	182.8	204.9	225.6	247.9	267.6	277.9	286.0	297.3	315.2	332.3	346.2
-47.5°	157.8	173.7	191.7	208.6	222.4	237.9	251.9	270.0	287.4	304.8	319.7
-50°	137.5	149.5	163.6	175.4	185.5	195.6	204.5	222.1	241.8	260.5	278.5
-52.5°	121.4	131.1	140.8	148.0	155.1	161.3	167.6	182.4	196.9	210.7	227.8
-55°	107.9	115.5	122.8	126.7	130.5	133.8	139.6	151.1	162.0	172.3	189.9
-57.5°	95.6	101.9	107.0	109.1	110.7	111.9	117.8	126.9	135.4	144.2	161.1
-60°	82.7	89.4	92.9	93.8	94.4	94.7	101.4	109.1	116.3	125.1	140.9
-62.5°	68.6	74.7	77.6	78.9	79.6	79.7	88.1	95.9	103.1	113.9	130.8
-65°	55.4	60.1	62.1	63.2	63.6	65.6	75.9	85.2	93.6	110.9	137.5
-67.5°	45.1	47.2	48.2	48.9	49.5	53.9	65.9	77.1	87.4	109.5	144.4
-70°	35.7	36.7	37.5	38.1	38.6	43.8	55.1	66.9	79.2	91.4	104.5
-72.5°	26.8	27.6	28.3	28.9	29.2	33.5	41.4	49.9	58.9	64.4	68.4
-75°	18.5	19.5	20.2	20.7	21.0	23.9	28.2	32.7	37.5	39.9	41.6
-77.5°	11.6	12.5	13.0	13.4	13.7	15.6	18.1	20.6	23.2	24.6	25.8
-80°	6.5	7.1	7.4	7.8	8.0	8.8	9.9	11.0	12.2	12.6	12.9
-82.5°	3.5	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.6	4.7	4.8
-85°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-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: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
82.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6
80°	13.1	13.3	12.8	12.2	12.8	13.3	13.1	12.9	12.6	12.2	11.0
77.5°	26.8	27.8	26.8	25.6	26.8	27.8	26.8	25.8	24.6	23.2	20.6
75°	43.2	44.6	43.8	42.7	43.8	44.6	43.2	41.6	39.9	37.5	32.7
72.5°	72.2	75.7	74.9	73.2	74.9	75.7	72.2	68.4	64.4	58.9	49.9
70°	118.2	132.1	131.5	128.1	131.5	132.1	118.2	104.5	91.4	79.2	66.9
67.5°	182.2	221.6	234.1	240.3	234.1	221.6	182.2	144.4	109.5	87.4	77.1
65°	162.3	186.1	195.5	202.5	195.5	186.1	162.3	137.5	110.9	93.6	85.2
62.5°	146.0	160.1	163.1	163.4	163.1	160.1	146.0	130.8	113.9	103.1	95.9
60°	156.2	171.2	173.4	170.8	173.4	171.2	156.2	140.9	125.1	116.3	109.1
57.5°	177.5	193.1	196.0	192.7	196.0	193.1	177.5	161.1	144.2	135.4	126.9
55°	206.8	222.6	227.9	226.9	227.9	222.6	206.8	189.9	172.3	162.0	151.1
52.5°	244.2	258.8	264.8	264.7	264.8	258.8	244.2	227.8	210.7	196.9	182.4
50°	294.2	307.3	313.8	314.7	313.8	307.3	294.2	278.5	260.5	241.8	222.1
47.5°	330.3	338.9	343.4	344.0	343.4	338.9	330.3	319.7	304.8	287.4	270.0
45°	352.4	357.0	360.5	363.5	360.5	357.0	352.4	346.2	332.3	315.2	297.3
42.5°	373.2	382.8	389.9	391.5	389.9	382.8	373.2	364.2	350.7	334.2	315.4
40°	401.1	414.3	427.0	440.3	427.0	414.3	401.1	386.9	371.9	354.9	340.2
37.5°	430.8	445.6	457.8	464.7	457.8	445.6	430.8	416.4	402.4	383.5	369.4
35°	370.3	360.6	354.8	352.5	354.8	360.6	370.3	386.1	408.7	424.3	407.2
32.5°	350.4	351.1	350.0	347.6	350.0	351.1	350.4	348.8	346.0	359.5	394.1
30°	395.7	402.1	402.9	402.5	402.9	402.1	395.7	382.1	363.9	354.4	349.7
27.5°	494.0	510.4	515.5	525.7	515.5	510.4	494.0	463.9	423.3	396.4	364.8
25°	623.6	648.4	660.4	664.8	660.4	648.4	623.6	585.6	536.5	480.4	420.3
22.5°	738.8	757.7	768.8	778.2	768.8	757.7	738.8	710.2	659.5	591.7	518.6
20°	875.3	909.9	925.8	927.0	925.8	909.9	875.3	816.2	765.5	704.8	623.2
17.5°	1088.4	1155.9	1189.5	1199.0	1189.5	1155.9	1088.4	992.9	903.7	798.8	721.8
15°	1424.6	1596.8	1685.3	1727.2	1685.3	1596.8	1424.6	1238.5	1086.5	936.2	797.2
12.5°	1973.0	2361.2	2675.1	2793.3	2675.1	2361.2	1973.0	1634.3	1304.5	1085.0	901.0
10°	3059.8	4218.9	5573.1	6204.9	5573.1	4218.9	3059.8	2158.8	1639.4	1236.3	993.5
7.5°	5919.4	13743.7	26637.6	32788.3	26637.6	13743.7	5919.4	3089.9	1984.0	1430.9	1092.5
5°	12617.4	54452.5	97517.6	114542.7	97517.6	54452.5	12617.4	4299.5	2409.7	1621.7	1164.6
2.5°	20096.7	89309.1	168512.0	197039.9	168512.0	89309.1	20096.7	5653.6	2805.2	1742.0	1216.3
0°	24011.5	94115.4	185949.3	214414.1	185949.3	94115.4	24011.5	5835.3	2951.2	1778.4	1232.0
-2.5°	20096.7	89309.1	168512.0	197039.9	168512.0	89309.1	20096.7	5653.6	2805.2	1742.0	1216.3
-5°	12617.4	54452.5	97517.6	114542.7	97517.6	54452.5	12617.4	4299.5	2409.7	1621.7	1164.6
-7.5°	5919.4	13743.7	26637.6	32788.3	26637.6	13743.7	5919.4	3089.9	1984.0	1430.9	1092.5
-10°	3059.8	4218.9	5573.1	6204.9	5573.1	4218.9	3059.8	2158.8	1639.4	1236.3	993.5
-12.5°	1973.0	2361.2	2675.1	2793.3	2675.1	2361.2	1973.0	1634.3	1304.5	1085.0	901.0
-15°	1424.6	1596.8	1685.3	1727.2	1685.3	1596.8	1424.6	1238.5	1086.5	936.2	797.2
-17.5°	1088.4	1155.9	1189.5	1199.0	1189.5	1155.9	1088.4	992.9	903.7	798.8	721.8
-20°	875.3	909.9	925.8	927.0	925.8	909.9	875.3	816.2	765.5	704.8	623.2



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	738.8	757.7	768.8	778.2	768.8	757.7	738.8	710.2	659.5	591.7	518.6
-25°	623.6	648.4	660.4	664.8	660.4	648.4	623.6	585.6	536.5	480.4	420.3
-27.5°	494.0	510.4	515.5	525.7	515.5	510.4	494.0	463.9	423.3	396.4	364.8
-30°	395.7	402.1	402.9	402.5	402.9	402.1	395.7	382.1	363.9	354.4	349.7
-32.5°	350.4	351.1	350.0	347.6	350.0	351.1	350.4	348.8	346.0	359.5	394.1
-35°	370.3	360.6	354.8	352.5	354.8	360.6	370.3	386.1	408.7	424.3	407.2
-37.5°	430.8	445.6	457.8	464.7	457.8	445.6	430.8	416.4	402.4	383.5	369.4
-40°	401.1	414.3	427.0	440.3	427.0	414.3	401.1	386.9	371.9	354.9	340.2
-42.5°	373.2	382.8	389.9	391.5	389.9	382.8	373.2	364.2	350.7	334.2	315.4
-45°	352.4	357.0	360.5	363.5	360.5	357.0	352.4	346.2	332.3	315.2	297.3
-47.5°	330.3	338.9	343.4	344.0	343.4	338.9	330.3	319.7	304.8	287.4	270.0
-50°	294.2	307.3	313.8	314.7	313.8	307.3	294.2	278.5	260.5	241.8	222.1
-52.5°	244.2	258.8	264.8	264.7	264.8	258.8	244.2	227.8	210.7	196.9	182.4
-55°	206.8	222.6	227.9	226.9	227.9	222.6	206.8	189.9	172.3	162.0	151.1
-57.5°	177.5	193.1	196.0	192.7	196.0	193.1	177.5	161.1	144.2	135.4	126.9
-60°	156.2	171.2	173.4	170.8	173.4	171.2	156.2	140.9	125.1	116.3	109.1
-62.5°	146.0	160.1	163.1	163.4	163.1	160.1	146.0	130.8	113.9	103.1	95.9
-65°	162.3	186.1	195.5	202.5	195.5	186.1	162.3	137.5	110.9	93.6	85.2
-67.5°	182.2	221.6	234.1	240.3	234.1	221.6	182.2	144.4	109.5	87.4	77.1
-70°	118.2	132.1	131.5	128.1	131.5	132.1	118.2	104.5	91.4	79.2	66.9
-72.5°	72.2	75.7	74.9	73.2	74.9	75.7	72.2	68.4	64.4	58.9	49.9
-75°	43.2	44.6	43.8	42.7	43.8	44.6	43.2	41.6	39.9	37.5	32.7
-77.5°	26.8	27.8	26.8	25.6	26.8	27.8	26.8	25.8	24.6	23.2	20.6
-80°	13.1	13.3	12.8	12.2	12.8	13.3	13.1	12.9	12.6	12.2	11.0
-82.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-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: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
82.5°	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
80°	9.9	8.8	8.0	7.8	7.4	7.1	6.5	5.9	5.2	4.8	4.5
77.5°	18.1	15.6	13.7	13.4	13.0	12.5	11.6	10.4	9.3	8.3	7.5
75°	28.2	23.9	21.0	20.7	20.2	19.5	18.5	16.9	15.2	13.4	11.8
72.5°	41.4	33.5	29.2	28.9	28.3	27.6	26.8	25.4	23.2	20.3	17.7
70°	55.1	43.8	38.6	38.1	37.5	36.7	35.7	34.6	33.4	31.4	27.4
67.5°	65.9	53.9	49.5	48.9	48.2	47.2	45.1	43.3	41.8	40.1	36.1
65°	75.9	65.6	63.6	63.2	62.1	60.1	55.4	51.9	49.4	47.2	42.9
62.5°	88.1	79.7	79.6	78.9	77.6	74.7	68.6	62.9	57.8	53.3	49.7
60°	101.4	94.7	94.4	93.8	92.9	89.4	82.7	75.4	67.7	62.7	57.8
57.5°	117.8	111.9	110.7	109.1	107.0	101.9	95.6	89.1	81.2	74.1	67.3
55°	139.6	133.8	130.5	126.7	122.8	115.5	107.9	100.4	93.5	87.1	79.2
52.5°	167.6	161.3	155.1	148.0	140.8	131.1	121.4	112.9	105.1	98.0	90.7
50°	204.5	195.6	185.5	175.4	163.6	149.5	137.5	126.6	117.8	109.5	101.2
47.5°	251.9	237.9	222.4	208.6	191.7	173.7	157.8	142.5	132.3	121.4	112.1
45°	286.0	277.9	267.6	247.9	225.6	204.9	182.8	165.2	149.0	136.1	123.1
42.5°	309.5	303.6	295.2	282.6	266.0	240.5	214.9	191.6	170.6	152.5	136.1
40°	331.0	321.7	314.3	305.5	291.9	276.2	250.5	221.3	195.8	172.4	149.3
37.5°	356.2	342.8	332.9	322.3	311.7	297.8	281.3	255.3	222.8	193.3	165.4
35°	387.8	371.0	355.8	342.3	328.9	314.8	300.3	283.1	253.4	216.0	182.6
32.5°	427.8	406.8	386.1	367.4	346.7	329.7	314.9	299.5	279.7	241.8	203.3
30°	465.8	441.8	421.1	395.2	368.1	344.8	327.5	312.2	293.7	267.9	224.1
27.5°	501.5	475.8	453.8	424.2	390.9	362.6	341.1	323.4	306.8	284.1	247.8
25°	534.6	506.9	483.1	452.8	418.2	383.0	357.0	335.9	316.7	297.5	276.0
22.5°	564.4	533.4	508.5	476.2	441.0	409.4	376.3	349.0	328.3	316.0	295.5
20°	590.5	556.5	530.3	496.1	460.4	428.0	394.9	366.9	347.8	333.1	313.6
17.5°	612.8	575.6	548.3	512.3	475.3	442.9	410.3	388.5	364.8	350.7	331.6
15°	631.7	591.8	563.6	526.6	489.6	457.7	425.9	408.5	380.8	366.8	346.4
12.5°	647.4	605.1	576.1	538.5	501.9	470.1	438.1	426.3	397.7	376.4	355.9
10°	659.3	615.3	585.3	547.6	511.0	479.5	447.6	441.0	411.1	384.0	363.6
7.5°	667.1	621.7	591.7	553.9	517.2	486.8	455.9	454.3	423.4	391.8	369.6
5°	671.2	625.4	595.4	558.6	522.9	493.9	463.9	466.1	434.4	399.2	374.1
2.5°	671.9	626.3	596.3	559.5	523.8	494.8	464.8	477.1	445.2	403.5	375.3
0°	945.3	775.8	681.8	561.1	434.2	370.8	385.4	486.7	455.0	406.2	375.7
-2.5°	941.9	777.3	675.5	557.0	435.0	374.8	382.4	477.1	445.2	403.5	375.3
-5°	918.2	766.4	664.7	546.3	432.9	376.8	386.9	466.1	434.4	399.2	374.1
-7.5°	880.1	746.7	642.6	526.3	425.2	376.8	397.2	454.3	423.4	391.8	369.6
-10°	818.3	718.3	605.3	491.6	408.4	374.5	410.6	441.0	411.1	384.0	363.6
-12.5°	767.4	671.1	555.1	446.5	382.9	369.1	428.1	426.3	397.7	376.4	355.9
-15°	712.7	603.8	496.6	413.9	371.0	378.7	439.9	408.5	380.8	366.8	346.4
-17.5°	627.8	527.6	432.3	377.3	364.3	405.9	419.3	388.5	364.8	350.7	331.6
-20°	534.5	445.5	390.3	363.1	375.4	434.0	395.9	366.9	347.8	333.1	313.6



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	441.4	393.4	362.5	356.2	414.0	409.4	376.3	349.0	328.3	316.0	295.5
-25°	384.6	360.9	356.1	402.8	418.2	383.0	357.0	335.9	316.7	297.5	276.0
-27.5°	355.5	352.8	403.8	424.2	390.9	362.6	341.1	323.4	306.8	284.1	247.8
-30°	365.8	411.8	421.1	395.2	368.1	344.8	327.5	312.2	293.7	267.9	224.1
-32.5°	427.8	406.8	386.1	367.4	346.7	329.7	314.9	299.5	279.7	241.8	203.3
-35°	387.8	371.0	355.8	342.3	328.9	314.8	300.3	283.1	253.4	216.0	182.6
-37.5°	356.2	342.8	332.9	322.3	311.7	297.8	281.3	255.3	222.8	193.3	165.4
-40°	331.0	321.7	314.3	305.5	291.9	276.2	250.5	221.3	195.8	172.4	149.3
-42.5°	309.5	303.6	295.2	282.6	266.0	240.5	214.9	191.6	170.6	152.5	136.1
-45°	286.0	277.9	267.6	247.9	225.6	204.9	182.8	165.2	149.0	136.1	123.1
-47.5°	251.9	237.9	222.4	208.6	191.7	173.7	157.8	142.5	132.3	121.4	112.1
-50°	204.5	195.6	185.5	175.4	163.6	149.5	137.5	126.6	117.8	109.5	101.2
-52.5°	167.6	161.3	155.1	148.0	140.8	131.1	121.4	112.9	105.1	98.0	90.7
-55°	139.6	133.8	130.5	126.7	122.8	115.5	107.9	100.4	93.5	87.1	79.2
-57.5°	117.8	111.9	110.7	109.1	107.0	101.9	95.6	89.1	81.2	74.1	67.3
-60°	101.4	94.7	94.4	93.8	92.9	89.4	82.7	75.4	67.7	62.7	57.8
-62.5°	88.1	79.7	79.6	78.9	77.6	74.7	68.6	62.9	57.8	53.3	49.7
-65°	75.9	65.6	63.6	63.2	62.1	60.1	55.4	51.9	49.4	47.2	42.9
-67.5°	65.9	53.9	49.5	48.9	48.2	47.2	45.1	43.3	41.8	40.1	36.1
-70°	55.1	43.8	38.6	38.1	37.5	36.7	35.7	34.6	33.4	31.4	27.4
-72.5°	41.4	33.5	29.2	28.9	28.3	27.6	26.8	25.4	23.2	20.3	17.7
-75°	28.2	23.9	21.0	20.7	20.2	19.5	18.5	16.9	15.2	13.4	11.8
-77.5°	18.1	15.6	13.7	13.4	13.0	12.5	11.6	10.4	9.3	8.3	7.5
-80°	9.9	8.8	8.0	7.8	7.4	7.1	6.5	5.9	5.2	4.8	4.5
-82.5°	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-85°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	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: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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	1.0	0.9	0.8	0.7
85°	1.6	1.5	1.5	1.4	1.6	1.8	1.9	2.0	1.8	1.6	1.4
82.5°	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.2
80°	4.1	3.8	3.5	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	6.8	6.0	5.1	4.5	4.1	3.6	3.1	2.7	2.4	2.4	2.4
75°	10.5	9.6	8.6	7.4	6.0	4.8	4.3	3.7	3.2	2.5	2.4
72.5°	16.1	14.5	12.7	10.7	9.0	7.4	5.9	4.8	4.3	3.6	2.7
70°	23.4	20.1	17.8	15.2	12.4	9.9	8.1	6.7	5.4	4.6	3.7
67.5°	31.8	27.2	23.3	19.7	16.4	13.3	10.4	8.8	7.4	5.7	4.7
65°	38.1	33.4	28.9	24.7	20.6	16.8	13.5	11.2	9.4	7.6	5.7
62.5°	44.8	39.1	34.2	29.5	24.9	20.6	16.6	14.4	11.6	9.4	7.2
60°	52.4	46.6	39.8	34.4	29.3	24.4	20.4	17.6	14.6	11.2	8.9
57.5°	61.5	55.0	47.1	39.8	33.8	28.2	24.4	21.3	17.7	13.9	10.5
55°	71.3	63.6	54.3	45.9	38.5	32.2	28.8	25.2	20.9	16.8	12.3
52.5°	82.4	72.2	61.8	52.0	43.5	37.0	33.8	29.3	24.7	19.6	15.1
50°	92.8	81.3	69.4	58.5	48.3	43.0	39.1	34.2	28.5	22.7	18.0
47.5°	101.5	89.6	77.4	65.0	54.0	49.6	45.1	39.3	32.4	26.2	21.1
45°	110.3	97.1	84.7	72.0	61.7	57.0	51.8	44.6	37.3	30.3	24.2
42.5°	119.1	104.9	91.2	78.5	70.6	64.5	58.8	50.9	42.2	34.7	27.8
40°	130.2	112.8	97.6	86.3	79.2	71.9	65.6	57.6	47.4	39.5	31.7
37.5°	141.0	121.9	104.7	94.8	87.3	79.5	72.3	64.5	53.9	44.9	35.7
35°	155.0	131.4	114.7	103.5	94.8	86.9	78.8	71.1	61.5	50.5	39.8
32.5°	168.5	143.3	126.2	112.5	101.9	93.8	85.2	79.5	69.3	56.0	43.9
30°	186.6	159.3	137.5	120.9	109.0	100.1	93.2	89.0	77.4	61.6	48.2
27.5°	208.8	175.0	149.1	130.3	116.4	106.4	103.9	99.4	85.7	67.7	52.8
25°	231.5	193.5	163.0	139.8	123.3	117.0	114.4	110.6	94.4	74.5	57.4
22.5°	256.6	212.4	176.4	148.8	135.1	127.2	124.5	120.1	103.6	81.4	61.8
20°	280.9	230.2	190.2	163.8	147.9	138.1	133.9	129.5	113.1	88.2	66.2
17.5°	303.0	250.3	209.6	180.1	160.8	148.8	143.1	138.7	122.9	94.9	70.4
15°	317.7	271.8	227.7	195.3	173.3	159.3	151.9	147.7	132.8	101.4	73.5
12.5°	330.3	290.5	243.9	209.6	185.1	169.4	160.4	156.5	142.7	105.6	75.1
10°	340.7	306.7	258.5	222.7	196.5	179.3	168.7	162.8	146.5	107.7	76.5
7.5°	349.3	320.4	271.4	234.8	205.7	184.2	169.9	163.9	148.8	109.3	77.6
5°	355.3	328.4	277.5	238.0	206.4	183.8	170.0	164.8	150.3	110.4	78.5
2.5°	356.2	329.2	279.1	239.0	206.6	182.9	169.8	165.5	151.2	111.0	79.1
0°	356.2	328.1	279.3	239.1	206.1	181.7	169.5	165.9	151.3	111.0	79.3
-2.5°	356.2	329.2	279.1	239.0	206.6	182.9	169.8	165.5	151.2	111.0	79.1
-5°	355.3	328.4	277.5	238.0	206.4	183.8	170.0	164.8	150.3	110.4	78.5
-7.5°	349.3	320.4	271.4	234.8	205.7	184.2	169.9	163.9	148.8	109.3	77.6
-10°	340.7	306.7	258.5	222.7	196.5	179.3	168.7	162.8	146.5	107.7	76.5
-12.5°	330.3	290.5	243.9	209.6	185.1	169.4	160.4	156.5	142.7	105.6	75.1
-15°	317.7	271.8	227.7	195.3	173.3	159.3	151.9	147.7	132.8	101.4	73.5
-17.5°	303.0	250.3	209.6	180.1	160.8	148.8	143.1	138.7	122.9	94.9	70.4
-20°	280.9	230.2	190.2	163.8	147.9	138.1	133.9	129.5	113.1	88.2	66.2



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	256.6	212.4	176.4	148.8	135.1	127.2	124.5	120.1	103.6	81.4	61.8
-25°	231.5	193.5	163.0	139.8	123.3	117.0	114.4	110.6	94.4	74.5	57.4
-27.5°	208.8	175.0	149.1	130.3	116.4	106.4	103.9	99.4	85.7	67.7	52.8
-30°	186.6	159.3	137.5	120.9	109.0	100.1	93.2	89.0	77.4	61.6	48.2
-32.5°	168.5	143.3	126.2	112.5	101.9	93.8	85.2	79.5	69.3	56.0	43.9
-35°	155.0	131.4	114.7	103.5	94.8	86.9	78.8	71.1	61.5	50.5	39.8
-37.5°	141.0	121.9	104.7	94.8	87.3	79.5	72.3	64.5	53.9	44.9	35.7
-40°	130.2	112.8	97.6	86.3	79.2	71.9	65.6	57.6	47.4	39.5	31.7
-42.5°	119.1	104.9	91.2	78.5	70.6	64.5	58.8	50.9	42.2	34.7	27.8
-45°	110.3	97.1	84.7	72.0	61.7	57.0	51.8	44.6	37.3	30.3	24.2
-47.5°	101.5	89.6	77.4	65.0	54.0	49.6	45.1	39.3	32.4	26.2	21.1
-50°	92.8	81.3	69.4	58.5	48.3	43.0	39.1	34.2	28.5	22.7	18.0
-52.5°	82.4	72.2	61.8	52.0	43.5	37.0	33.8	29.3	24.7	19.6	15.1
-55°	71.3	63.6	54.3	45.9	38.5	32.2	28.8	25.2	20.9	16.8	12.3
-57.5°	61.5	55.0	47.1	39.8	33.8	28.2	24.4	21.3	17.7	13.9	10.5
-60°	52.4	46.6	39.8	34.4	29.3	24.4	20.4	17.6	14.6	11.2	8.9
-62.5°	44.8	39.1	34.2	29.5	24.9	20.6	16.6	14.4	11.6	9.4	7.2
-65°	38.1	33.4	28.9	24.7	20.6	16.8	13.5	11.2	9.4	7.6	5.7
-67.5°	31.8	27.2	23.3	19.7	16.4	13.3	10.4	8.8	7.4	5.7	4.7
-70°	23.4	20.1	17.8	15.2	12.4	9.9	8.1	6.7	5.4	4.6	3.7
-72.5°	16.1	14.5	12.7	10.7	9.0	7.4	5.9	4.8	4.3	3.6	2.7
-75°	10.5	9.6	8.6	7.4	6.0	4.8	4.3	3.7	3.2	2.5	2.4
-77.5°	6.8	6.0	5.1	4.5	4.1	3.6	3.1	2.7	2.4	2.4	2.4
-80°	4.1	3.8	3.5	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.4
-82.5°	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.2
-85°	1.6	1.5	1.5	1.4	1.6	1.8	1.9	2.0	1.8	1.6	1.4
-87.5°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
70°	2.5	2.4	2.4	2.4	1.6	0.8	0.0
67.5°	3.4	2.4	2.4	2.4	1.8	0.9	0.0
65°	4.4	2.8	2.4	2.4	2.0	1.0	0.0
62.5°	5.3	3.6	2.4	2.4	2.2	1.1	0.0
60°	6.2	4.4	2.4	2.4	2.4	1.2	0.0
57.5°	7.8	5.2	3.0	2.4	2.4	1.3	0.0
55°	9.5	6.0	3.7	2.4	2.4	1.4	0.0
52.5°	11.2	6.9	4.3	2.4	2.5	1.5	0.0
50°	13.0	8.5	5.0	2.4	2.5	1.5	0.0
47.5°	14.9	10.0	5.6	2.5	2.5	1.6	0.0
45°	17.6	11.6	6.2	3.0	2.6	1.7	0.0
42.5°	20.4	13.1	6.8	3.4	2.6	1.8	0.0
40°	23.2	14.7	7.7	3.9	2.6	1.8	0.0
37.5°	26.0	16.2	8.9	4.3	2.7	1.9	0.0
35°	28.9	18.2	10.1	4.7	2.8	2.0	0.0
32.5°	31.9	20.5	11.2	5.0	2.8	2.0	0.0
30°	35.2	22.7	12.3	5.3	2.9	2.1	0.0
27.5°	38.5	24.8	13.1	5.5	2.9	2.1	0.0
25°	41.7	26.9	13.6	5.7	3.0	2.2	0.0
22.5°	44.9	28.6	14.1	5.9	3.1	2.2	0.0
20°	48.0	29.2	14.4	6.0	3.2	2.3	0.0
17.5°	49.6	29.5	14.6	6.2	3.2	2.3	0.0
15°	50.2	29.7	14.7	6.2	3.3	2.3	0.0
12.5°	50.6	29.7	14.7	6.3	3.4	2.3	0.0
10°	50.7	29.4	14.6	6.3	3.4	2.4	0.0
7.5°	50.6	29.0	14.4	6.3	3.5	2.4	0.0
5°	50.2	28.4	14.1	6.2	3.6	2.4	0.0
2.5°	49.7	27.7	13.8	6.2	3.6	2.4	0.0
0°	48.8	26.8	13.4	6.1	3.7	2.4	0.0
-2.5°	49.7	27.7	13.8	6.2	3.6	2.4	0.0
-5°	50.2	28.4	14.1	6.2	3.6	2.4	0.0
-7.5°	50.6	29.0	14.4	6.3	3.5	2.4	0.0
-10°	50.7	29.4	14.6	6.3	3.4	2.4	0.0
-12.5°	50.6	29.7	14.7	6.3	3.4	2.3	0.0
-15°	50.2	29.7	14.7	6.2	3.3	2.3	0.0
-17.5°	49.6	29.5	14.6	6.2	3.2	2.3	0.0
-20°	48.0	29.2	14.4	6.0	3.2	2.3	0.0



REPORT NUMBER: P558881 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44.9	28.6	14.1	5.9	3.1	2.2	0.0
-25°	41.7	26.9	13.6	5.7	3.0	2.2	0.0
-27.5°	38.5	24.8	13.1	5.5	2.9	2.1	0.0
-30°	35.2	22.7	12.3	5.3	2.9	2.1	0.0
-32.5°	31.9	20.5	11.2	5.0	2.8	2.0	0.0
-35°	28.9	18.2	10.1	4.7	2.8	2.0	0.0
-37.5°	26.0	16.2	8.9	4.3	2.7	1.9	0.0
-40°	23.2	14.7	7.7	3.9	2.6	1.8	0.0
-42.5°	20.4	13.1	6.8	3.4	2.6	1.8	0.0
-45°	17.6	11.6	6.2	3.0	2.6	1.7	0.0
-47.5°	14.9	10.0	5.6	2.5	2.5	1.6	0.0
-50°	13.0	8.5	5.0	2.4	2.5	1.5	0.0
-52.5°	11.2	6.9	4.3	2.4	2.5	1.5	0.0
-55°	9.5	6.0	3.7	2.4	2.4	1.4	0.0
-57.5°	7.8	5.2	3.0	2.4	2.4	1.3	0.0
-60°	6.2	4.4	2.4	2.4	2.4	1.2	0.0
-62.5°	5.3	3.6	2.4	2.4	2.2	1.1	0.0
-65°	4.4	2.8	2.4	2.4	2.0	1.0	0.0
-67.5°	3.4	2.4	2.4	2.4	1.8	0.9	0.0
-70°	2.5	2.4	2.4	2.4	1.6	0.8	0.0
-72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
-75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
-77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
-80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
-82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	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)