

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: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558505 (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-SA1B-930-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

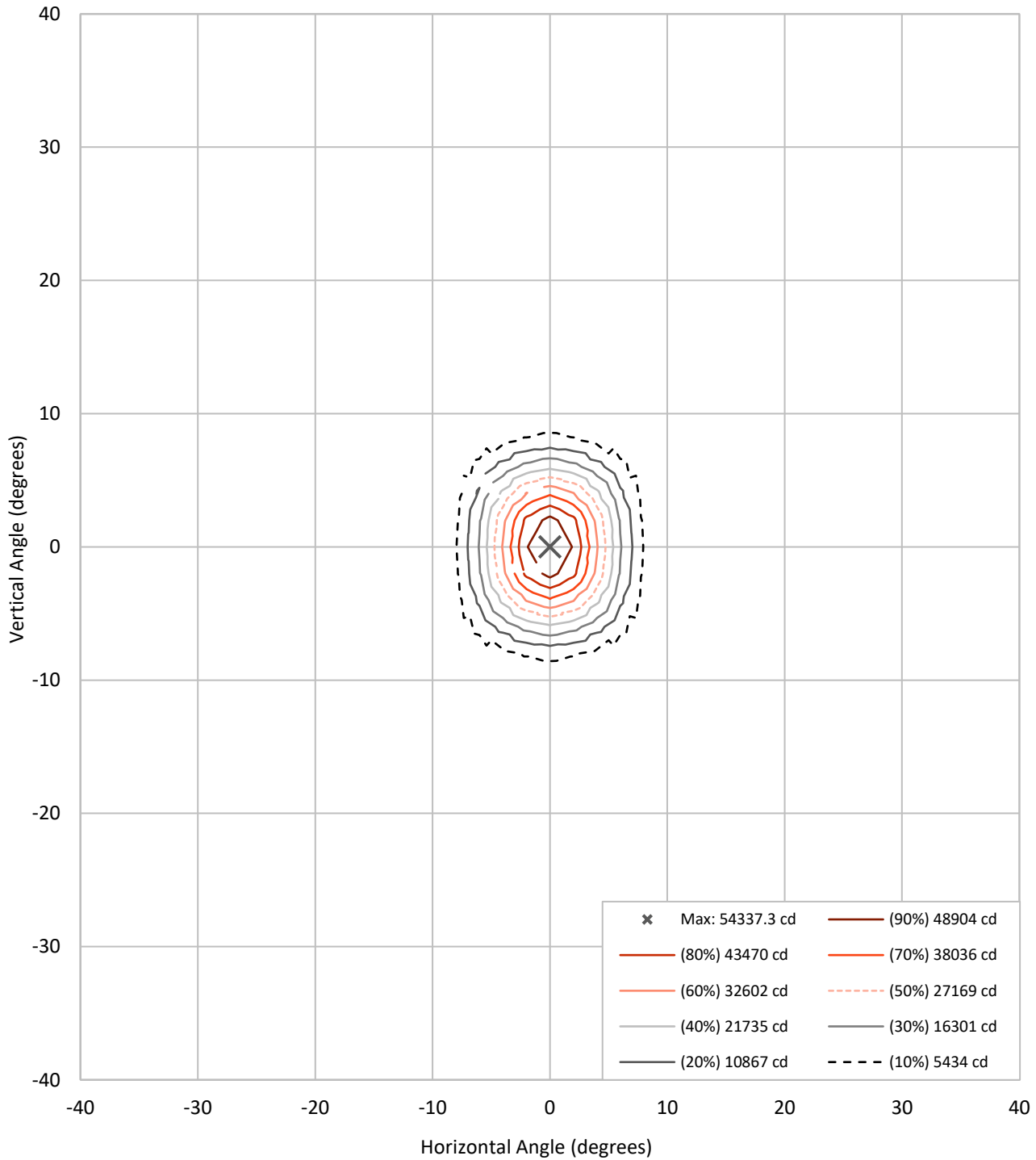
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2116 lumens	Max Intensity:	54337.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	907 lumens	Field Lumens:	1563.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 33
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: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





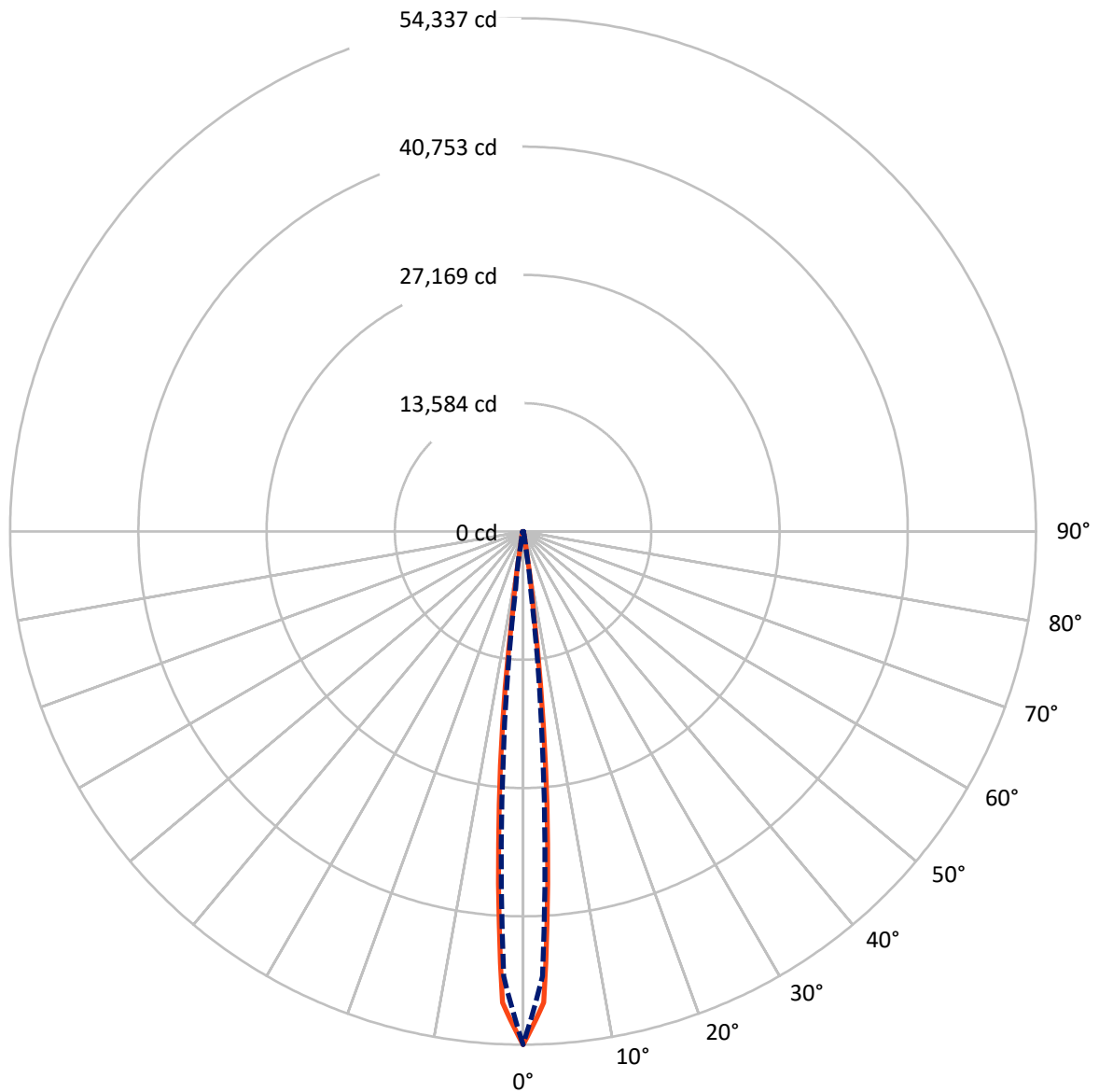
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Lumen Table

90																
80	0.0	0.1		0.2		0.5		0.9		0.5		0.2		0.1		0.0
70																
60	0.0	0.0	0.1	0.2	0.4	0.5	0.7	1.3	1.3	0.7	0.5	0.4	0.2	0.1	0.0	0.0
50		0.1	0.2	0.4	0.7	0.9	1.3	1.7	1.7	1.3	0.9	0.7	0.4	0.2	0.1	
40	0.1	0.1	0.3	0.7	1.2	1.8	2.3	2.7	2.7	2.3	1.8	1.2	0.7	0.3	0.1	0.1
30		0.2	0.5	1.0	1.9	2.5	2.8	3.0	3.0	2.8	2.5	1.9	1.0	0.5	0.2	
20	0.2	0.3	0.7	1.5	2.3	2.7	3.7	4.9	4.9	3.7	2.7	2.3	1.5	0.7	0.3	0.2
10		0.5	0.9	1.8	2.5	3.6	7.3	14.5	14.5	7.3	3.6	2.5	1.8	0.9	0.5	
0	0.2	0.5	1.1	2.1	2.6	4.6	14.4	425.1	425.1	14.4	4.6	2.6	2.1	1.1	0.5	0.2
-10		0.5	1.1	2.1	2.6	4.6	14.4	425.1	425.1	14.4	4.6	2.6	2.1	1.1	0.5	
-20	0.2	0.5	0.9	1.8	2.5	3.6	7.3	14.5	14.5	7.3	3.6	2.5	1.8	0.9	0.5	0.2
-30		0.3	0.7	1.5	2.3	2.7	3.7	4.9	4.9	3.7	2.7	2.3	1.5	0.7	0.3	
-40	0.1	0.2	0.5	1.0	1.9	2.5	2.8	3.0	3.0	2.8	2.5	1.9	1.0	0.5	0.2	0.1
-50		0.1	0.3	0.7	1.2	1.8	2.3	2.7	2.7	2.3	1.8	1.2	0.7	0.3	0.1	
-60	0.0	0.1	0.2	0.4	0.7	0.9	1.3	1.7	1.7	1.3	0.9	0.7	0.4	0.2	0.1	0.0
-70		0.0	0.1	0.2	0.4	0.5	0.7	1.3	1.3	0.7	0.5	0.4	0.2	0.1	0.0	
-80																
-90	0.0	0.1		0.2		0.5		0.9		0.5		0.2		0.1		0.0

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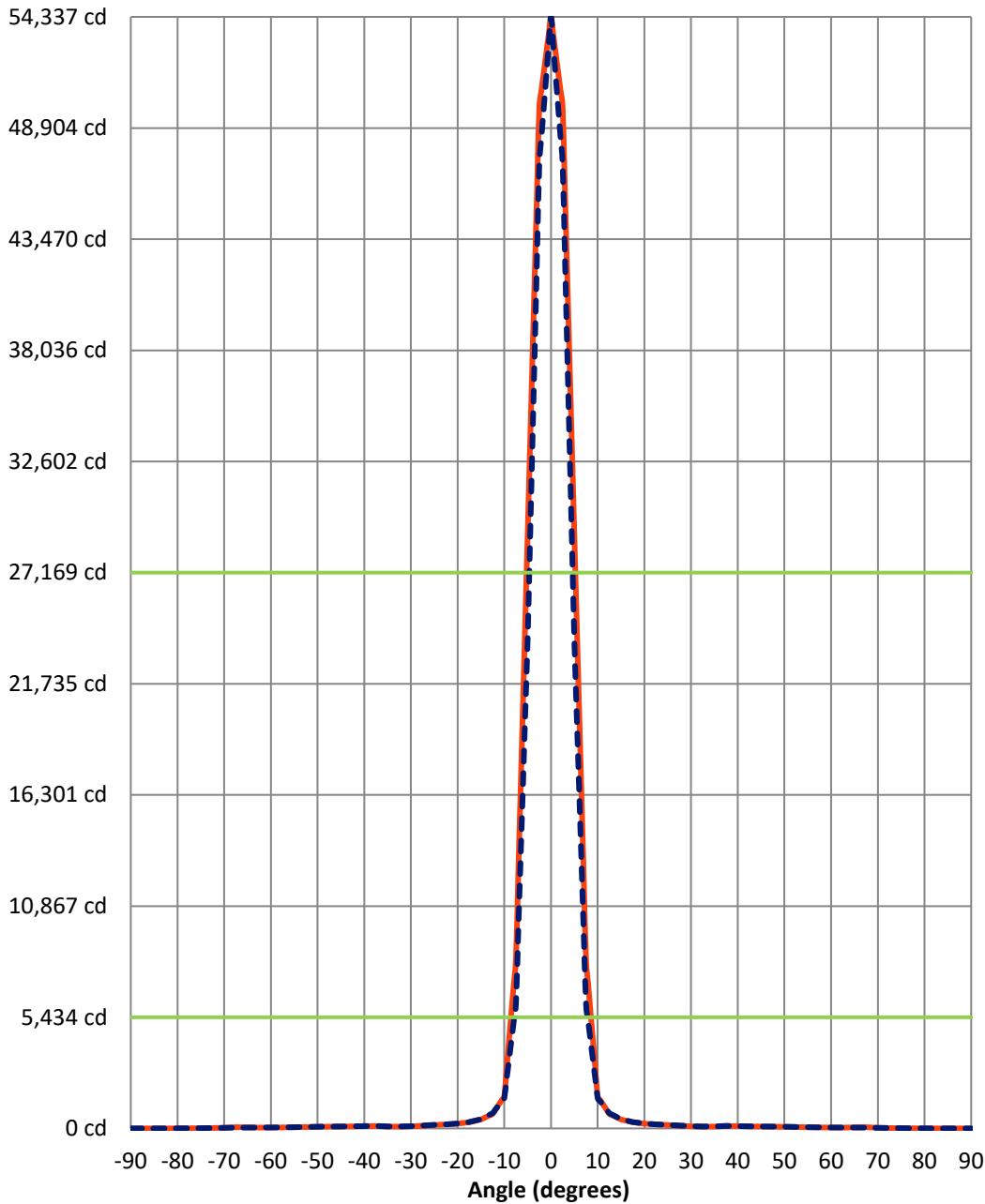
Luminous Intensity Polar Plot



— 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: 907
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 1563.1
Efficiency: 73.9%

Spill:
Lumens: 552.9
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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6
77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.7
75°	0.0	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.9
72.5°	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.7	0.9	1.1	1.2
70°	0.0	0.2	0.4	0.6	0.6	0.6	0.6	0.9	1.1	1.3	1.7
67.5°	0.0	0.2	0.5	0.6	0.6	0.6	0.9	1.2	1.4	1.8	2.2
65°	0.0	0.3	0.5	0.6	0.6	0.7	1.1	1.4	1.9	2.4	2.9
62.5°	0.0	0.3	0.6	0.6	0.6	0.9	1.3	1.8	2.4	2.9	3.6
60°	0.0	0.3	0.6	0.6	0.6	1.1	1.6	2.2	2.9	3.7	4.4
57.5°	0.0	0.3	0.6	0.6	0.8	1.3	2.0	2.7	3.5	4.5	5.4
55°	0.0	0.3	0.6	0.6	0.9	1.5	2.4	3.1	4.3	5.3	6.4
52.5°	0.0	0.4	0.6	0.6	1.1	1.8	2.8	3.8	5.0	6.3	7.4
50°	0.0	0.4	0.6	0.6	1.3	2.1	3.3	4.6	5.8	7.3	8.7
47.5°	0.0	0.4	0.6	0.6	1.4	2.5	3.8	5.4	6.7	8.2	10.0
45°	0.0	0.4	0.6	0.8	1.6	2.9	4.5	6.2	7.7	9.5	11.3
42.5°	0.0	0.4	0.6	0.9	1.8	3.3	5.2	7.1	8.8	10.7	12.9
40°	0.0	0.5	0.7	1.0	2.0	3.7	5.9	8.1	10.0	12.0	14.6
37.5°	0.0	0.5	0.7	1.1	2.3	4.1	6.6	9.1	11.4	13.7	16.3
35°	0.0	0.5	0.7	1.2	2.6	4.6	7.3	10.1	12.8	15.6	18.0
32.5°	0.0	0.5	0.7	1.3	2.9	5.2	8.1	11.1	14.2	17.6	20.1
30°	0.0	0.5	0.7	1.3	3.1	5.7	8.9	12.2	15.6	19.6	22.5
27.5°	0.0	0.5	0.7	1.4	3.3	6.3	9.8	13.4	17.2	21.7	25.2
25°	0.0	0.5	0.7	1.5	3.4	6.8	10.6	14.5	18.9	23.9	28.0
22.5°	0.0	0.6	0.8	1.5	3.6	7.2	11.4	15.7	20.6	26.2	30.4
20°	0.0	0.6	0.8	1.5	3.6	7.4	12.2	16.8	22.3	28.6	32.8
17.5°	0.0	0.6	0.8	1.6	3.7	7.5	12.6	17.8	24.0	31.1	35.1
15°	0.0	0.6	0.8	1.6	3.7	7.5	12.7	18.6	25.7	33.6	37.4
12.5°	0.0	0.6	0.8	1.6	3.7	7.5	12.8	19.0	26.7	36.1	39.6
10°	0.0	0.6	0.8	1.6	3.7	7.5	12.9	19.4	27.3	37.1	41.2
7.5°	0.0	0.6	0.9	1.6	3.6	7.4	12.8	19.7	27.7	37.7	41.5
5°	0.0	0.6	0.9	1.5	3.6	7.2	12.8	19.9	28.0	38.1	41.7
2.5°	0.0	0.6	0.9	1.5	3.5	7.0	12.6	20.0	28.1	38.3	41.9
0°	0.0	0.6	0.9	1.5	3.4	6.8	12.4	20.1	28.1	38.3	42.0
-2.5°	0.0	0.6	0.9	1.5	3.5	7.0	12.6	20.0	28.1	38.3	41.9
-5°	0.0	0.6	0.9	1.5	3.6	7.2	12.8	19.9	28.0	38.1	41.7
-7.5°	0.0	0.6	0.9	1.6	3.6	7.4	12.8	19.7	27.7	37.7	41.5
-10°	0.0	0.6	0.8	1.6	3.7	7.5	12.9	19.4	27.3	37.1	41.2
-12.5°	0.0	0.6	0.8	1.6	3.7	7.5	12.8	19.0	26.7	36.1	39.6
-15°	0.0	0.6	0.8	1.6	3.7	7.5	12.7	18.6	25.7	33.6	37.4
-17.5°	0.0	0.6	0.8	1.6	3.7	7.5	12.6	17.8	24.0	31.1	35.1
-20°	0.0	0.6	0.8	1.5	3.6	7.4	12.2	16.8	22.3	28.6	32.8



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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	0.6	0.8	1.5	3.6	7.2	11.4	15.7	20.6	26.2	30.4
-25°	0.0	0.5	0.7	1.5	3.4	6.8	10.6	14.5	18.9	23.9	28.0
-27.5°	0.0	0.5	0.7	1.4	3.3	6.3	9.8	13.4	17.2	21.7	25.2
-30°	0.0	0.5	0.7	1.3	3.1	5.7	8.9	12.2	15.6	19.6	22.5
-32.5°	0.0	0.5	0.7	1.3	2.9	5.2	8.1	11.1	14.2	17.6	20.1
-35°	0.0	0.5	0.7	1.2	2.6	4.6	7.3	10.1	12.8	15.6	18.0
-37.5°	0.0	0.5	0.7	1.1	2.3	4.1	6.6	9.1	11.4	13.7	16.3
-40°	0.0	0.5	0.7	1.0	2.0	3.7	5.9	8.1	10.0	12.0	14.6
-42.5°	0.0	0.4	0.6	0.9	1.8	3.3	5.2	7.1	8.8	10.7	12.9
-45°	0.0	0.4	0.6	0.8	1.6	2.9	4.5	6.2	7.7	9.5	11.3
-47.5°	0.0	0.4	0.6	0.6	1.4	2.5	3.8	5.4	6.7	8.2	10.0
-50°	0.0	0.4	0.6	0.6	1.3	2.1	3.3	4.6	5.8	7.3	8.7
-52.5°	0.0	0.4	0.6	0.6	1.1	1.8	2.8	3.8	5.0	6.3	7.4
-55°	0.0	0.3	0.6	0.6	0.9	1.5	2.4	3.1	4.3	5.3	6.4
-57.5°	0.0	0.3	0.6	0.6	0.8	1.3	2.0	2.7	3.5	4.5	5.4
-60°	0.0	0.3	0.6	0.6	0.6	1.1	1.6	2.2	2.9	3.7	4.4
-62.5°	0.0	0.3	0.6	0.6	0.6	0.9	1.3	1.8	2.4	2.9	3.6
-65°	0.0	0.3	0.5	0.6	0.6	0.7	1.1	1.4	1.9	2.4	2.9
-67.5°	0.0	0.2	0.5	0.6	0.6	0.6	0.9	1.2	1.4	1.8	2.2
-70°	0.0	0.2	0.4	0.6	0.6	0.6	0.6	0.9	1.1	1.3	1.7
-72.5°	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.7	0.9	1.1	1.2
-75°	0.0	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.9
-77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.7
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-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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 CATALOG NUMBER: GFLD-SA1B-930-U-TSB-XX

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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
82.5°	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8
80°	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.5
77.5°	0.8	0.9	1.0	1.1	1.2	1.5	1.7	1.9	2.1	2.4	2.6
75°	1.0	1.2	1.5	1.9	2.2	2.4	2.7	3.0	3.4	3.8	4.2
72.5°	1.5	1.8	2.3	2.7	3.2	3.7	4.1	4.5	5.1	5.9	6.4
70°	2.0	2.5	3.1	3.8	4.5	5.0	5.9	6.9	8.0	8.5	8.8
67.5°	2.7	3.4	4.1	4.9	5.9	6.9	8.1	9.1	10.2	10.6	11.0
65°	3.4	4.2	5.2	6.2	7.3	8.5	9.7	10.9	11.9	12.5	13.1
62.5°	4.2	5.2	6.3	7.5	8.7	9.9	11.4	12.6	13.5	14.6	15.9
60°	5.2	6.2	7.4	8.7	10.1	11.8	13.3	14.6	15.9	17.1	19.1
57.5°	6.2	7.2	8.6	10.1	11.9	13.9	15.6	17.0	18.8	20.6	22.5
55°	7.3	8.2	9.8	11.6	13.7	16.1	18.1	20.1	22.1	23.7	25.5
52.5°	8.6	9.4	11.0	13.1	15.7	18.3	20.9	23.0	24.9	26.6	28.6
50°	9.9	10.9	12.2	14.8	17.6	20.6	23.6	25.7	27.8	29.8	32.1
47.5°	11.5	12.5	13.7	16.5	19.6	22.7	25.7	28.4	30.7	33.5	36.1
45°	13.1	14.4	15.7	18.3	21.5	24.6	28.0	31.2	34.5	37.8	41.9
42.5°	14.9	16.3	17.9	19.9	23.1	26.6	30.2	34.5	38.7	43.2	48.5
40°	16.6	18.2	20.1	21.9	24.7	28.6	33.0	37.8	43.7	49.6	56.1
37.5°	18.3	20.1	22.1	24.0	26.5	30.9	35.7	41.9	49.0	56.5	64.7
35°	19.9	22.0	24.0	26.2	29.0	33.3	39.3	46.3	54.8	64.2	71.8
32.5°	21.6	23.7	25.8	28.5	32.0	36.3	42.7	51.5	61.3	70.9	75.9
30°	23.6	25.3	27.6	30.6	34.8	40.4	47.3	56.8	67.9	74.5	79.1
27.5°	26.3	26.9	29.5	33.0	37.7	44.3	52.9	62.8	72.0	77.8	81.9
25°	29.0	29.6	31.3	35.4	41.3	49.0	58.7	69.9	75.4	80.3	85.1
22.5°	31.5	32.2	34.3	37.7	44.7	53.8	65.0	74.9	80.1	83.1	88.4
20°	33.9	35.0	37.5	41.5	48.2	58.3	71.2	79.5	84.4	88.1	93.0
17.5°	36.2	37.7	40.8	45.6	53.1	63.4	76.8	84.0	88.8	92.4	98.4
15°	38.5	40.4	43.9	49.5	57.7	68.9	80.5	87.7	92.9	96.5	103.5
12.5°	40.6	42.9	46.9	53.1	61.8	73.6	83.7	90.2	95.4	100.8	108.0
10°	42.8	45.4	49.8	56.4	65.5	77.7	86.4	92.1	97.3	104.2	111.8
7.5°	43.1	46.7	52.2	59.5	68.8	81.2	88.5	93.6	99.3	107.3	115.1
5°	43.1	46.6	52.3	60.3	70.3	83.2	90.1	94.8	101.2	110.1	118.1
2.5°	43.1	46.4	52.3	60.6	70.7	83.5	90.3	95.1	102.2	112.8	120.9
0°	43.0	46.1	52.2	60.6	70.8	83.2	90.3	95.2	102.9	115.3	123.3
-2.5°	43.1	46.4	52.3	60.6	70.7	83.5	90.3	95.1	102.2	112.8	120.9
-5°	43.1	46.6	52.3	60.3	70.3	83.2	90.1	94.8	101.2	110.1	118.1
-7.5°	43.1	46.7	52.2	59.5	68.8	81.2	88.5	93.6	99.3	107.3	115.1
-10°	42.8	45.4	49.8	56.4	65.5	77.7	86.4	92.1	97.3	104.2	111.8
-12.5°	40.6	42.9	46.9	53.1	61.8	73.6	83.7	90.2	95.4	100.8	108.0
-15°	38.5	40.4	43.9	49.5	57.7	68.9	80.5	87.7	92.9	96.5	103.5
-17.5°	36.2	37.7	40.8	45.6	53.1	63.4	76.8	84.0	88.8	92.4	98.4
-20°	33.9	35.0	37.5	41.5	48.2	58.3	71.2	79.5	84.4	88.1	93.0



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	31.5	32.2	34.3	37.7	44.7	53.8	65.0	74.9	80.1	83.1	88.4
-25°	29.0	29.6	31.3	35.4	41.3	49.0	58.7	69.9	75.4	80.3	85.1
-27.5°	26.3	26.9	29.5	33.0	37.7	44.3	52.9	62.8	72.0	77.8	81.9
-30°	23.6	25.3	27.6	30.6	34.8	40.4	47.3	56.8	67.9	74.5	79.1
-32.5°	21.6	23.7	25.8	28.5	32.0	36.3	42.7	51.5	61.3	70.9	75.9
-35°	19.9	22.0	24.0	26.2	29.0	33.3	39.3	46.3	54.8	64.2	71.8
-37.5°	18.3	20.1	22.1	24.0	26.5	30.9	35.7	41.9	49.0	56.5	64.7
-40°	16.6	18.2	20.1	21.9	24.7	28.6	33.0	37.8	43.7	49.6	56.1
-42.5°	14.9	16.3	17.9	19.9	23.1	26.6	30.2	34.5	38.7	43.2	48.5
-45°	13.1	14.4	15.7	18.3	21.5	24.6	28.0	31.2	34.5	37.8	41.9
-47.5°	11.5	12.5	13.7	16.5	19.6	22.7	25.7	28.4	30.7	33.5	36.1
-50°	9.9	10.9	12.2	14.8	17.6	20.6	23.6	25.7	27.8	29.8	32.1
-52.5°	8.6	9.4	11.0	13.1	15.7	18.3	20.9	23.0	24.9	26.6	28.6
-55°	7.3	8.2	9.8	11.6	13.7	16.1	18.1	20.1	22.1	23.7	25.5
-57.5°	6.2	7.2	8.6	10.1	11.9	13.9	15.6	17.0	18.8	20.6	22.5
-60°	5.2	6.2	7.4	8.7	10.1	11.8	13.3	14.6	15.9	17.1	19.1
-62.5°	4.2	5.2	6.3	7.5	8.7	9.9	11.4	12.6	13.5	14.6	15.9
-65°	3.4	4.2	5.2	6.2	7.3	8.5	9.7	10.9	11.9	12.5	13.1
-67.5°	2.7	3.4	4.1	4.9	5.9	6.9	8.1	9.1	10.2	10.6	11.0
-70°	2.0	2.5	3.1	3.8	4.5	5.0	5.9	6.9	8.0	8.5	8.8
-72.5°	1.5	1.8	2.3	2.7	3.2	3.7	4.1	4.5	5.1	5.9	6.4
-75°	1.0	1.2	1.5	1.9	2.2	2.4	2.7	3.0	3.4	3.8	4.2
-77.5°	0.8	0.9	1.0	1.1	1.2	1.5	1.7	1.9	2.1	2.4	2.6
-80°	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.5
-82.5°	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8
-85°	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
80°	1.6	1.8	1.9	2.0	2.0	2.2	2.5	2.8	3.1	3.2	3.3
77.5°	3.0	3.2	3.3	3.4	3.5	3.9	4.6	5.2	5.9	6.2	6.5
75°	4.7	4.9	5.1	5.2	5.3	6.0	7.1	8.3	9.5	10.1	10.5
72.5°	6.8	7.0	7.2	7.3	7.4	8.5	10.5	12.6	14.9	16.3	17.3
70°	9.0	9.3	9.5	9.7	9.8	11.1	14.0	17.0	20.1	23.2	26.5
67.5°	11.4	11.9	12.2	12.3	12.5	13.6	16.7	19.5	22.2	27.8	36.6
65°	14.0	15.2	15.7	16.0	16.1	16.7	19.3	21.6	23.7	28.1	34.8
62.5°	17.3	18.9	19.7	20.0	20.2	20.2	22.3	24.3	26.1	28.8	33.1
60°	20.9	22.7	23.5	23.8	23.9	24.0	25.7	27.6	29.4	31.7	35.7
57.5°	24.2	25.8	27.1	27.6	28.0	28.3	29.8	32.1	34.3	36.5	40.8
55°	27.4	29.3	31.1	32.1	33.0	33.9	35.4	38.3	41.0	43.7	48.1
52.5°	30.8	33.2	35.7	37.5	39.3	40.9	42.5	46.3	49.9	53.4	57.7
50°	34.9	37.9	41.4	44.4	47.0	49.6	51.9	56.3	61.3	66.0	70.6
47.5°	40.0	44.0	48.5	52.8	56.3	60.3	63.9	68.4	72.9	77.3	81.1
45°	46.3	51.9	57.1	62.8	67.8	70.4	72.5	75.3	79.9	84.2	87.7
42.5°	54.4	60.9	67.4	71.6	74.8	76.9	78.4	79.9	84.7	88.9	92.3
40°	63.5	70.0	74.0	77.5	79.7	81.5	83.9	86.2	90.0	94.2	98.1
37.5°	71.3	75.5	79.0	81.7	84.4	86.9	90.3	93.6	97.1	102.0	105.5
35°	76.1	79.8	83.3	86.7	90.2	94.1	98.3	103.2	107.5	103.6	97.9
32.5°	79.8	83.5	87.8	93.1	97.8	103.1	108.4	99.9	91.1	87.7	88.4
30°	83.0	87.3	93.3	100.1	106.7	104.4	92.7	88.6	89.8	92.2	96.8
27.5°	86.4	91.9	99.1	107.5	102.4	89.4	90.1	92.5	100.5	107.3	117.6
25°	90.5	97.1	106.0	102.1	90.3	91.5	97.5	106.5	121.7	136.0	148.4
22.5°	95.3	103.7	104.9	90.3	91.9	99.7	111.9	131.4	149.9	167.2	180.0
20°	100.3	110.0	95.1	92.0	98.9	112.9	135.5	157.9	178.6	194.0	206.8
17.5°	106.3	102.9	92.3	95.6	109.6	133.7	159.1	182.9	202.4	229.0	251.6
15°	111.5	96.0	94.0	104.9	125.8	153.0	180.7	202.0	237.3	275.4	313.9
12.5°	108.5	93.5	97.0	113.2	140.6	170.0	194.5	228.4	275.0	330.6	414.2
10°	104.1	94.9	103.5	124.6	153.4	182.0	207.4	251.8	313.3	415.5	547.1
7.5°	100.7	95.5	107.8	133.4	162.9	189.2	223.0	276.9	362.6	502.8	783.1
5°	98.0	95.5	109.7	138.5	168.5	194.2	232.7	295.2	411.0	610.7	1089.6
2.5°	96.9	95.0	110.3	141.2	171.2	197.0	238.7	308.2	441.5	710.9	1432.7
0°	97.7	94.0	110.0	142.2	172.8	196.6	239.6	312.2	450.7	747.9	1478.8
-2.5°	96.9	95.0	110.3	141.2	171.2	197.0	238.7	308.2	441.5	710.9	1432.7
-5°	98.0	95.5	109.7	138.5	168.5	194.2	232.7	295.2	411.0	610.7	1089.6
-7.5°	100.7	95.5	107.8	133.4	162.9	189.2	223.0	276.9	362.6	502.8	783.1
-10°	104.1	94.9	103.5	124.6	153.4	182.0	207.4	251.8	313.3	415.5	547.1
-12.5°	108.5	93.5	97.0	113.2	140.6	170.0	194.5	228.4	275.0	330.6	414.2
-15°	111.5	96.0	94.0	104.9	125.8	153.0	180.7	202.0	237.3	275.4	313.9
-17.5°	106.3	102.9	92.3	95.6	109.6	133.7	159.1	182.9	202.4	229.0	251.6
-20°	100.3	110.0	95.1	92.0	98.9	112.9	135.5	157.9	178.6	194.0	206.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	95.3	103.7	104.9	90.3	91.9	99.7	111.9	131.4	149.9	167.2	180.0
-25°	90.5	97.1	106.0	102.1	90.3	91.5	97.5	106.5	121.7	136.0	148.4
-27.5°	86.4	91.9	99.1	107.5	102.4	89.4	90.1	92.5	100.5	107.3	117.6
-30°	83.0	87.3	93.3	100.1	106.7	104.4	92.7	88.6	89.8	92.2	96.8
-32.5°	79.8	83.5	87.8	93.1	97.8	103.1	108.4	99.9	91.1	87.7	88.4
-35°	76.1	79.8	83.3	86.7	90.2	94.1	98.3	103.2	107.5	103.6	97.9
-37.5°	71.3	75.5	79.0	81.7	84.4	86.9	90.3	93.6	97.1	102.0	105.5
-40°	63.5	70.0	74.0	77.5	79.7	81.5	83.9	86.2	90.0	94.2	98.1
-42.5°	54.4	60.9	67.4	71.6	74.8	76.9	78.4	79.9	84.7	88.9	92.3
-45°	46.3	51.9	57.1	62.8	67.8	70.4	72.5	75.3	79.9	84.2	87.7
-47.5°	40.0	44.0	48.5	52.8	56.3	60.3	63.9	68.4	72.9	77.3	81.1
-50°	34.9	37.9	41.4	44.4	47.0	49.6	51.9	56.3	61.3	66.0	70.6
-52.5°	30.8	33.2	35.7	37.5	39.3	40.9	42.5	46.3	49.9	53.4	57.7
-55°	27.4	29.3	31.1	32.1	33.0	33.9	35.4	38.3	41.0	43.7	48.1
-57.5°	24.2	25.8	27.1	27.6	28.0	28.3	29.8	32.1	34.3	36.5	40.8
-60°	20.9	22.7	23.5	23.8	23.9	24.0	25.7	27.6	29.4	31.7	35.7
-62.5°	17.3	18.9	19.7	20.0	20.2	20.2	22.3	24.3	26.1	28.8	33.1
-65°	14.0	15.2	15.7	16.0	16.1	16.7	19.3	21.6	23.7	28.1	34.8
-67.5°	11.4	11.9	12.2	12.3	12.5	13.6	16.7	19.5	22.2	27.8	36.6
-70°	9.0	9.3	9.5	9.7	9.8	11.1	14.0	17.0	20.1	23.2	26.5
-72.5°	6.8	7.0	7.2	7.3	7.4	8.5	10.5	12.6	14.9	16.3	17.3
-75°	4.7	4.9	5.1	5.2	5.3	6.0	7.1	8.3	9.5	10.1	10.5
-77.5°	3.0	3.2	3.3	3.4	3.5	3.9	4.6	5.2	5.9	6.2	6.5
-80°	1.6	1.8	1.9	2.0	2.0	2.2	2.5	2.8	3.1	3.2	3.3
-82.5°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
-85°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
80°	3.3	3.4	3.2	3.1	3.2	3.4	3.3	3.3	3.2	3.1	2.8
77.5°	6.8	7.0	6.8	6.5	6.8	7.0	6.8	6.5	6.2	5.9	5.2
75°	10.9	11.3	11.1	10.8	11.1	11.3	10.9	10.5	10.1	9.5	8.3
72.5°	18.3	19.2	19.0	18.5	19.0	19.2	18.3	17.3	16.3	14.9	12.6
70°	30.0	33.5	33.3	32.5	33.3	33.5	30.0	26.5	23.2	20.1	17.0
67.5°	46.2	56.1	59.3	60.9	59.3	56.1	46.2	36.6	27.8	22.2	19.5
65°	41.1	47.1	49.5	51.3	49.5	47.1	41.1	34.8	28.1	23.7	21.6
62.5°	37.0	40.6	41.3	41.4	41.3	40.6	37.0	33.1	28.8	26.1	24.3
60°	39.6	43.4	44.0	43.3	44.0	43.4	39.6	35.7	31.7	29.4	27.6
57.5°	45.0	49.0	49.7	48.8	49.7	49.0	45.0	40.8	36.5	34.3	32.1
55°	52.4	56.4	57.7	57.5	57.7	56.4	52.4	48.1	43.7	41.0	38.3
52.5°	61.9	65.6	67.1	67.1	67.1	65.6	61.9	57.7	53.4	49.9	46.3
50°	74.6	77.9	79.6	79.8	79.6	77.9	74.6	70.6	66.0	61.3	56.3
47.5°	83.7	85.9	87.1	87.2	87.1	85.9	83.7	81.1	77.3	72.9	68.4
45°	89.3	90.5	91.4	92.1	91.4	90.5	89.3	87.7	84.2	79.9	75.3
42.5°	94.6	97.0	98.8	99.2	98.8	97.0	94.6	92.3	88.9	84.7	79.9
40°	101.7	105.0	108.2	111.6	108.2	105.0	101.7	98.1	94.2	90.0	86.2
37.5°	109.2	112.9	116.0	117.8	116.0	112.9	109.2	105.5	102.0	97.1	93.6
35°	93.8	91.4	89.9	89.3	89.9	91.4	93.8	97.9	103.6	107.5	103.2
32.5°	88.8	88.9	88.7	88.1	88.7	88.9	88.8	88.4	87.7	91.1	99.9
30°	100.2	101.9	102.1	102.0	102.1	101.9	100.2	96.8	92.2	89.8	88.6
27.5°	125.2	129.4	130.7	133.2	130.7	129.4	125.2	117.6	107.3	100.5	92.5
25°	158.0	164.3	167.4	168.5	167.4	164.3	158.0	148.4	136.0	121.7	106.5
22.5°	187.2	192.0	194.9	197.2	194.9	192.0	187.2	180.0	167.2	149.9	131.4
20°	221.8	230.6	234.7	234.9	234.7	230.6	221.8	206.8	194.0	178.6	157.9
17.5°	275.8	292.9	301.5	303.9	301.5	292.9	275.8	251.6	229.0	202.4	182.9
15°	361.0	404.7	427.1	437.7	427.1	404.7	361.0	313.9	275.4	237.3	202.0
12.5°	500.0	598.4	677.9	707.9	677.9	598.4	500.0	414.2	330.6	275.0	228.4
10°	775.4	1069.1	1412.4	1572.5	1412.4	1069.1	775.4	547.1	415.5	313.3	251.8
7.5°	1500.1	3483.0	6750.6	8309.3	6750.6	3483.0	1500.1	783.1	502.8	362.6	276.9
5°	3197.5	13799.4	24713.1	29027.7	24713.1	13799.4	3197.5	1089.6	610.7	411.0	295.2
2.5°	5093.0	22632.9	42704.7	49934.3	42704.7	22632.9	5093.0	1432.7	710.9	441.5	308.2
0°	6085.1	23850.9	47123.7	54337.3	47123.7	23850.9	6085.1	1478.8	747.9	450.7	312.2
-2.5°	5093.0	22632.9	42704.7	49934.2	42704.7	22632.9	5093.0	1432.7	710.9	441.5	308.2
-5°	3197.5	13799.4	24713.1	29027.7	24713.1	13799.4	3197.5	1089.6	610.7	411.0	295.2
-7.5°	1500.1	3483.0	6750.6	8309.3	6750.6	3483.0	1500.1	783.1	502.8	362.6	276.9
-10°	775.4	1069.1	1412.4	1572.5	1412.4	1069.1	775.4	547.1	415.5	313.3	251.8
-12.5°	500.0	598.4	677.9	707.9	677.9	598.4	500.0	414.2	330.6	275.0	228.4
-15°	361.0	404.7	427.1	437.7	427.1	404.7	361.0	313.9	275.4	237.3	202.0
-17.5°	275.8	292.9	301.5	303.9	301.5	292.9	275.8	251.6	229.0	202.4	182.9
-20°	221.8	230.6	234.7	234.9	234.7	230.6	221.8	206.8	194.0	178.6	157.9



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	187.2	192.0	194.9	197.2	194.9	192.0	187.2	180.0	167.2	149.9	131.4
-25°	158.0	164.3	167.4	168.5	167.4	164.3	158.0	148.4	136.0	121.7	106.5
-27.5°	125.2	129.4	130.7	133.2	130.7	129.4	125.2	117.6	107.3	100.5	92.5
-30°	100.2	101.9	102.1	102.0	102.1	101.9	100.2	96.8	92.2	89.8	88.6
-32.5°	88.8	88.9	88.7	88.1	88.7	88.9	88.8	88.4	87.7	91.1	99.9
-35°	93.8	91.4	89.9	89.3	89.9	91.4	93.8	97.9	103.6	107.5	103.2
-37.5°	109.2	112.9	116.0	117.8	116.0	112.9	109.2	105.5	102.0	97.1	93.6
-40°	101.7	105.0	108.2	111.6	108.2	105.0	101.7	98.1	94.2	90.0	86.2
-42.5°	94.6	97.0	98.8	99.2	98.8	97.0	94.6	92.3	88.9	84.7	79.9
-45°	89.3	90.5	91.4	92.1	91.4	90.5	89.3	87.7	84.2	79.9	75.3
-47.5°	83.7	85.9	87.1	87.2	87.1	85.9	83.7	81.1	77.3	72.9	68.4
-50°	74.6	77.9	79.6	79.8	79.6	77.9	74.6	70.6	66.0	61.3	56.3
-52.5°	61.9	65.6	67.1	67.1	67.1	65.6	61.9	57.7	53.4	49.9	46.3
-55°	52.4	56.4	57.7	57.5	57.7	56.4	52.4	48.1	43.7	41.0	38.3
-57.5°	45.0	49.0	49.7	48.8	49.7	49.0	45.0	40.8	36.5	34.3	32.1
-60°	39.6	43.4	44.0	43.3	44.0	43.4	39.6	35.7	31.7	29.4	27.6
-62.5°	37.0	40.6	41.3	41.4	41.3	40.6	37.0	33.1	28.8	26.1	24.3
-65°	41.1	47.1	49.5	51.3	49.5	47.1	41.1	34.8	28.1	23.7	21.6
-67.5°	46.2	56.1	59.3	60.9	59.3	56.1	46.2	36.6	27.8	22.2	19.5
-70°	30.0	33.5	33.3	32.5	33.3	33.5	30.0	26.5	23.2	20.1	17.0
-72.5°	18.3	19.2	19.0	18.5	19.0	19.2	18.3	17.3	16.3	14.9	12.6
-75°	10.9	11.3	11.1	10.8	11.1	11.3	10.9	10.5	10.1	9.5	8.3
-77.5°	6.8	7.0	6.8	6.5	6.8	7.0	6.8	6.5	6.2	5.9	5.2
-80°	3.3	3.4	3.2	3.1	3.2	3.4	3.3	3.3	3.2	3.1	2.8
-82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
82.5°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
80°	2.5	2.2	2.0	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
77.5°	4.6	3.9	3.5	3.4	3.3	3.2	3.0	2.6	2.4	2.1	1.9
75°	7.1	6.0	5.3	5.2	5.1	4.9	4.7	4.2	3.8	3.4	3.0
72.5°	10.5	8.5	7.4	7.3	7.2	7.0	6.8	6.4	5.9	5.1	4.5
70°	14.0	11.1	9.8	9.7	9.5	9.3	9.0	8.8	8.5	8.0	6.9
67.5°	16.7	13.6	12.5	12.3	12.2	11.9	11.4	11.0	10.6	10.2	9.1
65°	19.3	16.7	16.1	16.0	15.7	15.2	14.0	13.1	12.5	11.9	10.9
62.5°	22.3	20.2	20.2	20.0	19.7	18.9	17.3	15.9	14.6	13.5	12.6
60°	25.7	24.0	23.9	23.8	23.5	22.7	20.9	19.1	17.1	15.9	14.6
57.5°	29.8	28.3	28.0	27.6	27.1	25.8	24.2	22.5	20.6	18.8	17.0
55°	35.4	33.9	33.0	32.1	31.1	29.3	27.4	25.5	23.7	22.1	20.1
52.5°	42.5	40.9	39.3	37.5	35.7	33.2	30.8	28.6	26.6	24.9	23.0
50°	51.9	49.6	47.0	44.4	41.4	37.9	34.9	32.1	29.8	27.8	25.7
47.5°	63.9	60.3	56.3	52.8	48.5	44.0	40.0	36.1	33.5	30.7	28.4
45°	72.5	70.4	67.8	62.8	57.1	51.9	46.3	41.9	37.8	34.5	31.2
42.5°	78.4	76.9	74.8	71.6	67.4	60.9	54.4	48.5	43.2	38.7	34.5
40°	83.9	81.5	79.7	77.5	74.0	70.0	63.5	56.1	49.6	43.7	37.8
37.5°	90.3	86.9	84.4	81.7	79.0	75.5	71.3	64.7	56.5	49.0	41.9
35°	98.3	94.1	90.2	86.7	83.3	79.8	76.1	71.8	64.2	54.8	46.3
32.5°	108.4	103.1	97.8	93.1	87.8	83.5	79.8	75.9	70.9	61.3	51.5
30°	92.7	104.4	106.7	100.1	93.3	87.3	83.0	79.1	74.5	67.9	56.8
27.5°	90.1	89.4	102.4	107.5	99.1	91.9	86.4	81.9	77.8	72.0	62.8
25°	97.5	91.5	90.3	102.1	106.0	97.1	90.5	85.1	80.3	75.4	69.9
22.5°	111.9	99.7	91.9	90.3	104.9	103.7	95.3	88.4	83.1	80.1	74.9
20°	135.5	112.9	98.9	92.0	95.1	110.0	100.3	93.0	88.1	84.4	79.5
17.5°	159.1	133.7	109.6	95.6	92.3	102.9	106.3	98.4	92.4	88.8	84.0
15°	180.7	153.0	125.8	104.9	94.0	96.0	111.5	103.5	96.5	92.9	87.7
12.5°	194.5	170.0	140.6	113.2	97.0	93.5	108.5	108.0	100.8	95.4	90.2
10°	207.4	182.0	153.4	124.6	103.5	94.9	104.1	111.8	104.2	97.3	92.1
7.5°	223.0	189.2	162.9	133.4	107.8	95.5	100.7	115.1	107.3	99.3	93.6
5°	232.7	194.2	168.5	138.5	109.7	95.5	98.0	118.1	110.1	101.2	94.8
2.5°	238.7	197.0	171.2	141.2	110.3	95.0	96.9	120.9	112.8	102.2	95.1
0°	239.6	196.6	172.8	142.2	110.0	94.0	97.7	123.3	115.3	102.9	95.2
-2.5°	238.7	197.0	171.2	141.2	110.3	95.0	96.9	120.9	112.8	102.2	95.1
-5°	232.7	194.2	168.5	138.5	109.7	95.5	98.0	118.1	110.1	101.2	94.8
-7.5°	223.0	189.2	162.9	133.4	107.8	95.5	100.7	115.1	107.3	99.3	93.6
-10°	207.4	182.0	153.4	124.6	103.5	94.9	104.1	111.8	104.2	97.3	92.1
-12.5°	194.5	170.0	140.6	113.2	97.0	93.5	108.5	108.0	100.8	95.4	90.2
-15°	180.7	153.0	125.8	104.9	94.0	96.0	111.5	103.5	96.5	92.9	87.7
-17.5°	159.1	133.7	109.6	95.6	92.3	102.9	106.3	98.4	92.4	88.8	84.0
-20°	135.5	112.9	98.9	92.0	95.1	110.0	100.3	93.0	88.1	84.4	79.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	111.9	99.7	91.9	90.3	104.9	103.7	95.3	88.4	83.1	80.1	74.9
-25°	97.5	91.5	90.3	102.1	106.0	97.1	90.5	85.1	80.3	75.4	69.9
-27.5°	90.1	89.4	102.4	107.5	99.1	91.9	86.4	81.9	77.8	72.0	62.8
-30°	92.7	104.4	106.7	100.1	93.3	87.3	83.0	79.1	74.5	67.9	56.8
-32.5°	108.4	103.1	97.8	93.1	87.8	83.5	79.8	75.9	70.9	61.3	51.5
-35°	98.3	94.1	90.2	86.7	83.3	79.8	76.1	71.8	64.2	54.8	46.3
-37.5°	90.3	86.9	84.4	81.7	79.0	75.5	71.3	64.7	56.5	49.0	41.9
-40°	83.9	81.5	79.7	77.5	74.0	70.0	63.5	56.1	49.6	43.7	37.8
-42.5°	78.4	76.9	74.8	71.6	67.4	60.9	54.4	48.5	43.2	38.7	34.5
-45°	72.5	70.4	67.8	62.8	57.1	51.9	46.3	41.9	37.8	34.5	31.2
-47.5°	63.9	60.3	56.3	52.8	48.5	44.0	40.0	36.1	33.5	30.7	28.4
-50°	51.9	49.6	47.0	44.4	41.4	37.9	34.9	32.1	29.8	27.8	25.7
-52.5°	42.5	40.9	39.3	37.5	35.7	33.2	30.8	28.6	26.6	24.9	23.0
-55°	35.4	33.9	33.0	32.1	31.1	29.3	27.4	25.5	23.7	22.1	20.1
-57.5°	29.8	28.3	28.0	27.6	27.1	25.8	24.2	22.5	20.6	18.8	17.0
-60°	25.7	24.0	23.9	23.8	23.5	22.7	20.9	19.1	17.1	15.9	14.6
-62.5°	22.3	20.2	20.2	20.0	19.7	18.9	17.3	15.9	14.6	13.5	12.6
-65°	19.3	16.7	16.1	16.0	15.7	15.2	14.0	13.1	12.5	11.9	10.9
-67.5°	16.7	13.6	12.5	12.3	12.2	11.9	11.4	11.0	10.6	10.2	9.1
-70°	14.0	11.1	9.8	9.7	9.5	9.3	9.0	8.8	8.5	8.0	6.9
-72.5°	10.5	8.5	7.4	7.3	7.2	7.0	6.8	6.4	5.9	5.1	4.5
-75°	7.1	6.0	5.3	5.2	5.1	4.9	4.7	4.2	3.8	3.4	3.0
-77.5°	4.6	3.9	3.5	3.4	3.3	3.2	3.0	2.6	2.4	2.1	1.9
-80°	2.5	2.2	2.0	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1
-82.5°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-85°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
-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: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4
82.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
80°	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6
75°	2.7	2.4	2.2	1.9	1.5	1.2	1.0	0.9	0.8	0.6	0.6
72.5°	4.1	3.7	3.2	2.7	2.3	1.8	1.5	1.2	1.1	0.9	0.7
70°	5.9	5.0	4.5	3.8	3.1	2.5	2.0	1.7	1.3	1.1	0.9
67.5°	8.1	6.9	5.9	4.9	4.1	3.4	2.7	2.2	1.8	1.4	1.2
65°	9.7	8.5	7.3	6.2	5.2	4.2	3.4	2.9	2.4	1.9	1.4
62.5°	11.4	9.9	8.7	7.5	6.3	5.2	4.2	3.6	2.9	2.4	1.8
60°	13.3	11.8	10.1	8.7	7.4	6.2	5.2	4.4	3.7	2.9	2.2
57.5°	15.6	13.9	11.9	10.1	8.6	7.2	6.2	5.4	4.5	3.5	2.7
55°	18.1	16.1	13.7	11.6	9.8	8.2	7.3	6.4	5.3	4.3	3.1
52.5°	20.9	18.3	15.7	13.1	11.0	9.4	8.6	7.4	6.3	5.0	3.8
50°	23.6	20.6	17.6	14.8	12.2	10.9	9.9	8.7	7.3	5.8	4.6
47.5°	25.7	22.7	19.6	16.5	13.7	12.5	11.5	10.0	8.2	6.7	5.4
45°	28.0	24.6	21.5	18.3	15.7	14.4	13.1	11.3	9.5	7.7	6.2
42.5°	30.2	26.6	23.1	19.9	17.9	16.3	14.9	12.9	10.7	8.8	7.1
40°	33.0	28.6	24.7	21.9	20.1	18.2	16.6	14.6	12.0	10.0	8.1
37.5°	35.7	30.9	26.5	24.0	22.1	20.1	18.3	16.3	13.7	11.4	9.1
35°	39.3	33.3	29.0	26.2	24.0	22.0	19.9	18.0	15.6	12.8	10.1
32.5°	42.7	36.3	32.0	28.5	25.8	23.7	21.6	20.1	17.6	14.2	11.1
30°	47.3	40.4	34.8	30.6	27.6	25.3	23.6	22.5	19.6	15.6	12.2
27.5°	52.9	44.3	37.7	33.0	29.5	26.9	26.3	25.2	21.7	17.2	13.4
25°	58.7	49.0	41.3	35.4	31.3	29.6	29.0	28.0	23.9	18.9	14.5
22.5°	65.0	53.8	44.7	37.7	34.3	32.2	31.5	30.4	26.2	20.6	15.7
20°	71.2	58.3	48.2	41.5	37.5	35.0	33.9	32.8	28.6	22.3	16.8
17.5°	76.8	63.4	53.1	45.6	40.8	37.7	36.2	35.1	31.1	24.0	17.8
15°	80.5	68.9	57.7	49.5	43.9	40.4	38.5	37.4	33.6	25.7	18.6
12.5°	83.7	73.6	61.8	53.1	46.9	42.9	40.6	39.6	36.1	26.7	19.0
10°	86.4	77.7	65.5	56.4	49.8	45.4	42.8	41.2	37.1	27.3	19.4
7.5°	88.5	81.2	68.8	59.5	52.2	46.7	43.1	41.5	37.7	27.7	19.7
5°	90.1	83.2	70.3	60.3	52.3	46.6	43.1	41.7	38.1	28.0	19.9
2.5°	90.3	83.5	70.7	60.6	52.3	46.4	43.1	41.9	38.3	28.1	20.0
0°	90.3	83.2	70.8	60.6	52.2	46.1	43.0	42.0	38.3	28.1	20.1
-2.5°	90.3	83.5	70.7	60.6	52.3	46.4	43.1	41.9	38.3	28.1	20.0
-5°	90.1	83.2	70.3	60.3	52.3	46.6	43.1	41.7	38.1	28.0	19.9
-7.5°	88.5	81.2	68.8	59.5	52.2	46.7	43.1	41.5	37.7	27.7	19.7
-10°	86.4	77.7	65.5	56.4	49.8	45.4	42.8	41.2	37.1	27.3	19.4
-12.5°	83.7	73.6	61.8	53.1	46.9	42.9	40.6	39.6	36.1	26.7	19.0
-15°	80.5	68.9	57.7	49.5	43.9	40.4	38.5	37.4	33.6	25.7	18.6
-17.5°	76.8	63.4	53.1	45.6	40.8	37.7	36.2	35.1	31.1	24.0	17.8
-20°	71.2	58.3	48.2	41.5	37.5	35.0	33.9	32.8	28.6	22.3	16.8



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	65.0	53.8	44.7	37.7	34.3	32.2	31.5	30.4	26.2	20.6	15.7
-25°	58.7	49.0	41.3	35.4	31.3	29.6	29.0	28.0	23.9	18.9	14.5
-27.5°	52.9	44.3	37.7	33.0	29.5	26.9	26.3	25.2	21.7	17.2	13.4
-30°	47.3	40.4	34.8	30.6	27.6	25.3	23.6	22.5	19.6	15.6	12.2
-32.5°	42.7	36.3	32.0	28.5	25.8	23.7	21.6	20.1	17.6	14.2	11.1
-35°	39.3	33.3	29.0	26.2	24.0	22.0	19.9	18.0	15.6	12.8	10.1
-37.5°	35.7	30.9	26.5	24.0	22.1	20.1	18.3	16.3	13.7	11.4	9.1
-40°	33.0	28.6	24.7	21.9	20.1	18.2	16.6	14.6	12.0	10.0	8.1
-42.5°	30.2	26.6	23.1	19.9	17.9	16.3	14.9	12.9	10.7	8.8	7.1
-45°	28.0	24.6	21.5	18.3	15.7	14.4	13.1	11.3	9.5	7.7	6.2
-47.5°	25.7	22.7	19.6	16.5	13.7	12.5	11.5	10.0	8.2	6.7	5.4
-50°	23.6	20.6	17.6	14.8	12.2	10.9	9.9	8.7	7.3	5.8	4.6
-52.5°	20.9	18.3	15.7	13.1	11.0	9.4	8.6	7.4	6.3	5.0	3.8
-55°	18.1	16.1	13.7	11.6	9.8	8.2	7.3	6.4	5.3	4.3	3.1
-57.5°	15.6	13.9	11.9	10.1	8.6	7.2	6.2	5.4	4.5	3.5	2.7
-60°	13.3	11.8	10.1	8.7	7.4	6.2	5.2	4.4	3.7	2.9	2.2
-62.5°	11.4	9.9	8.7	7.5	6.3	5.2	4.2	3.6	2.9	2.4	1.8
-65°	9.7	8.5	7.3	6.2	5.2	4.2	3.4	2.9	2.4	1.9	1.4
-67.5°	8.1	6.9	5.9	4.9	4.1	3.4	2.7	2.2	1.8	1.4	1.2
-70°	5.9	5.0	4.5	3.8	3.1	2.5	2.0	1.7	1.3	1.1	0.9
-72.5°	4.1	3.7	3.2	2.7	2.3	1.8	1.5	1.2	1.1	0.9	0.7
-75°	2.7	2.4	2.2	1.9	1.5	1.2	1.0	0.9	0.8	0.6	0.6
-77.5°	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6
-80°	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
-82.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5
-85°	0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
-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: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	0.6	0.6	0.5	0.4	0.3	0.1	0.0
75°	0.6	0.6	0.6	0.5	0.3	0.2	0.0
72.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.0
70°	0.6	0.6	0.6	0.6	0.4	0.2	0.0
67.5°	0.9	0.6	0.6	0.6	0.5	0.2	0.0
65°	1.1	0.7	0.6	0.6	0.5	0.3	0.0
62.5°	1.3	0.9	0.6	0.6	0.6	0.3	0.0
60°	1.6	1.1	0.6	0.6	0.6	0.3	0.0
57.5°	2.0	1.3	0.8	0.6	0.6	0.3	0.0
55°	2.4	1.5	0.9	0.6	0.6	0.3	0.0
52.5°	2.8	1.8	1.1	0.6	0.6	0.4	0.0
50°	3.3	2.1	1.3	0.6	0.6	0.4	0.0
47.5°	3.8	2.5	1.4	0.6	0.6	0.4	0.0
45°	4.5	2.9	1.6	0.8	0.6	0.4	0.0
42.5°	5.2	3.3	1.8	0.9	0.6	0.4	0.0
40°	5.9	3.7	2.0	1.0	0.7	0.5	0.0
37.5°	6.6	4.1	2.3	1.1	0.7	0.5	0.0
35°	7.3	4.6	2.6	1.2	0.7	0.5	0.0
32.5°	8.1	5.2	2.9	1.3	0.7	0.5	0.0
30°	8.9	5.7	3.1	1.3	0.7	0.5	0.0
27.5°	9.8	6.3	3.3	1.4	0.7	0.5	0.0
25°	10.6	6.8	3.4	1.5	0.7	0.5	0.0
22.5°	11.4	7.2	3.6	1.5	0.8	0.6	0.0
20°	12.2	7.4	3.6	1.5	0.8	0.6	0.0
17.5°	12.6	7.5	3.7	1.6	0.8	0.6	0.0
15°	12.7	7.5	3.7	1.6	0.8	0.6	0.0
12.5°	12.8	7.5	3.7	1.6	0.8	0.6	0.0
10°	12.9	7.5	3.7	1.6	0.8	0.6	0.0
7.5°	12.8	7.4	3.6	1.6	0.9	0.6	0.0
5°	12.8	7.2	3.6	1.5	0.9	0.6	0.0
2.5°	12.6	7.0	3.5	1.5	0.9	0.6	0.0
0°	12.4	6.8	3.4	1.5	0.9	0.6	0.0
-2.5°	12.6	7.0	3.5	1.5	0.9	0.6	0.0
-5°	12.8	7.2	3.6	1.5	0.9	0.6	0.0
-7.5°	12.8	7.4	3.6	1.6	0.9	0.6	0.0
-10°	12.9	7.5	3.7	1.6	0.8	0.6	0.0
-12.5°	12.8	7.5	3.7	1.6	0.8	0.6	0.0
-15°	12.7	7.5	3.7	1.6	0.8	0.6	0.0
-17.5°	12.6	7.5	3.7	1.6	0.8	0.6	0.0
-20°	12.2	7.4	3.6	1.5	0.8	0.6	0.0



REPORT NUMBER: P558505 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.4	7.2	3.6	1.5	0.8	0.6	0.0
-25°	10.6	6.8	3.4	1.5	0.7	0.5	0.0
-27.5°	9.8	6.3	3.3	1.4	0.7	0.5	0.0
-30°	8.9	5.7	3.1	1.3	0.7	0.5	0.0
-32.5°	8.1	5.2	2.9	1.3	0.7	0.5	0.0
-35°	7.3	4.6	2.6	1.2	0.7	0.5	0.0
-37.5°	6.6	4.1	2.3	1.1	0.7	0.5	0.0
-40°	5.9	3.7	2.0	1.0	0.7	0.5	0.0
-42.5°	5.2	3.3	1.8	0.9	0.6	0.4	0.0
-45°	4.5	2.9	1.6	0.8	0.6	0.4	0.0
-47.5°	3.8	2.5	1.4	0.6	0.6	0.4	0.0
-50°	3.3	2.1	1.3	0.6	0.6	0.4	0.0
-52.5°	2.8	1.8	1.1	0.6	0.6	0.4	0.0
-55°	2.4	1.5	0.9	0.6	0.6	0.3	0.0
-57.5°	2.0	1.3	0.8	0.6	0.6	0.3	0.0
-60°	1.6	1.1	0.6	0.6	0.6	0.3	0.0
-62.5°	1.3	0.9	0.6	0.6	0.6	0.3	0.0
-65°	1.1	0.7	0.6	0.6	0.5	0.3	0.0
-67.5°	0.9	0.6	0.6	0.6	0.5	0.2	0.0
-70°	0.6	0.6	0.6	0.6	0.4	0.2	0.0
-72.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.0
-75°	0.6	0.6	0.6	0.5	0.3	0.2	0.0
-77.5°	0.6	0.6	0.5	0.4	0.3	0.1	0.0
-80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)