

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: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-930-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

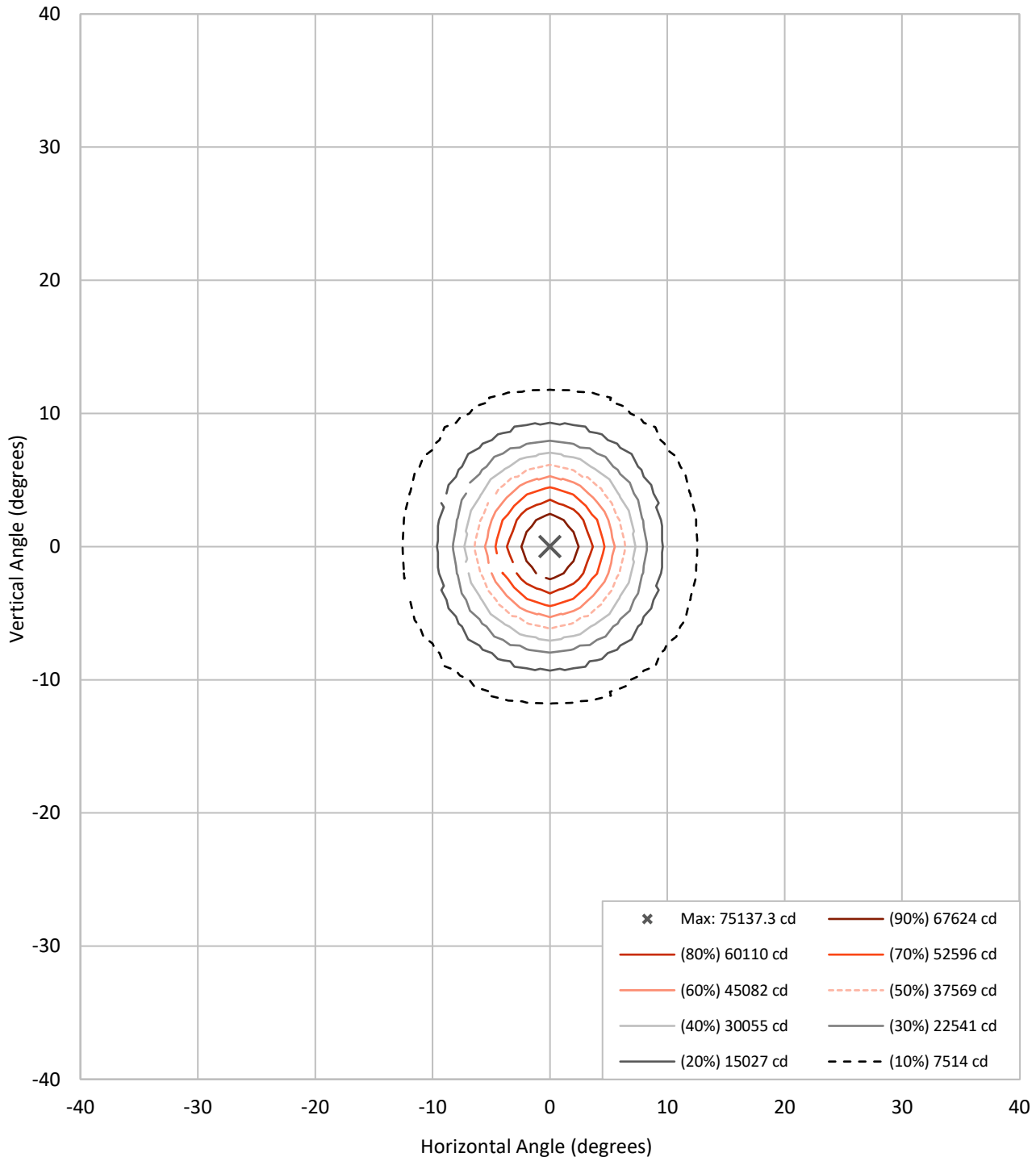
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	5446.4 lumens	Max Intensity:	75137.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1721 lumens	Field Lumens:	3812.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 64
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: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

Iso-Candela Plot





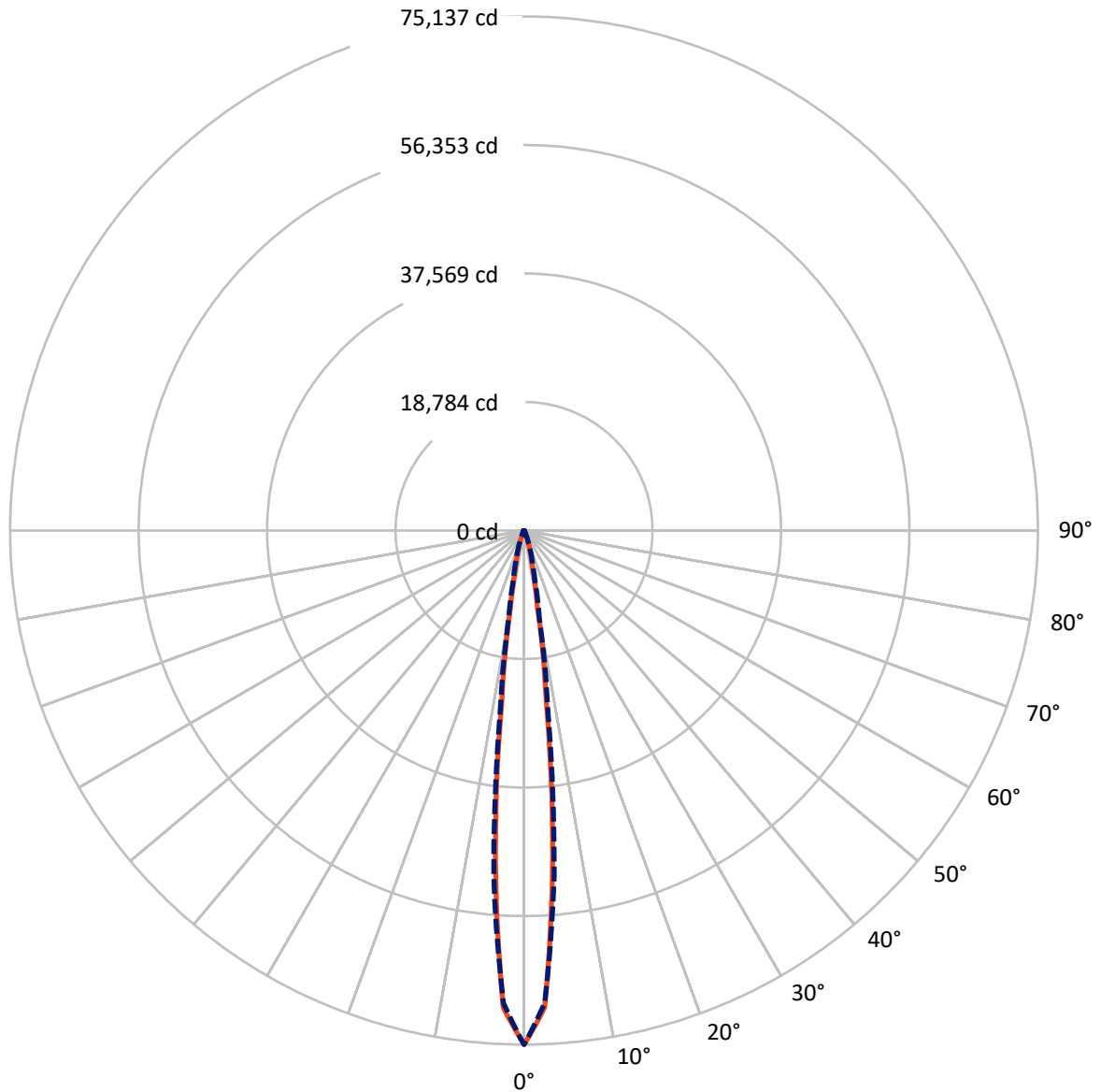
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Lumen Table

90	0.1	0.6	1.7	2.8	3.3	2.8	1.7	0.6	0.1										
80	0.1	0.6	1.7	2.8	3.3	2.8	1.7	0.6	0.1										
70	0.3	0.3	0.7	1.2	1.6	2.0	2.2	2.4	2.4	2.2	2.0	1.6	1.2	0.7	0.3	0.3			
60		0.5	1.0	1.6	2.1	2.4	2.7	2.8	2.8	2.7	2.4	2.1	1.6	1.0	0.5				
50	0.5	0.7	1.3	1.8	2.3	2.7	3.0	3.2	3.2	3.0	2.7	2.3	1.8	1.3	0.7	0.5			
40		0.8	1.4	2.0	2.6	3.3	4.2	4.7	4.7	4.2	3.3	2.6	2.0	1.4	0.8				
30	0.7	0.9	1.5	2.1	3.0	4.7	10.4	19.0	19.0	10.4	4.7	3.0	2.1	1.5	0.9	0.7			
20		1.0	1.6	2.3	3.6	10.1	57.1	125.6	125.6	57.1	10.1	3.6	2.3	1.6	1.0				
10	0.8	1.0	1.6	2.3	4.0	19.4	137.1	886.9	886.9	137.1	19.4	4.0	2.3	1.6	1.0	0.8			
0		1.0	1.6	2.3	4.0	19.4	137.1	886.9	886.9	137.1	19.4	4.0	2.3	1.6	1.0				
-10	0.7	1.0	1.6	2.3	3.6	10.1	57.1	125.6	125.6	57.1	10.1	3.6	2.3	1.6	1.0	0.7			
-20		0.9	1.5	2.1	3.0	4.7	10.4	19.0	19.0	10.4	4.7	3.0	2.1	1.5	0.9				
-30	0.5	0.8	1.4	2.0	2.6	3.3	4.2	4.7	4.7	4.2	3.3	2.6	2.0	1.4	0.8	0.5			
-40		0.7	1.3	1.8	2.3	2.7	3.0	3.2	3.2	3.0	2.7	2.3	1.8	1.3	0.7				
-50	0.3	0.5	1.0	1.6	2.1	2.4	2.7	2.8	2.8	2.7	2.4	2.1	1.6	1.0	0.5	0.3			
-60		0.3	0.7	1.2	1.6	2.0	2.2	2.4	2.4	2.2	2.0	1.6	1.2	0.7	0.3				
-70	0.1	0.6	1.7	2.8	3.3	2.8	1.7	0.6	0.1							0.1			
-80		0.1	0.6	1.7	2.8	3.3	2.8	1.7	0.6	0.1									
-90	0.1	0.6	1.7	2.8	3.3	2.8	1.7	0.6	0.1										
	-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-SA1E-930-U-TS-XX

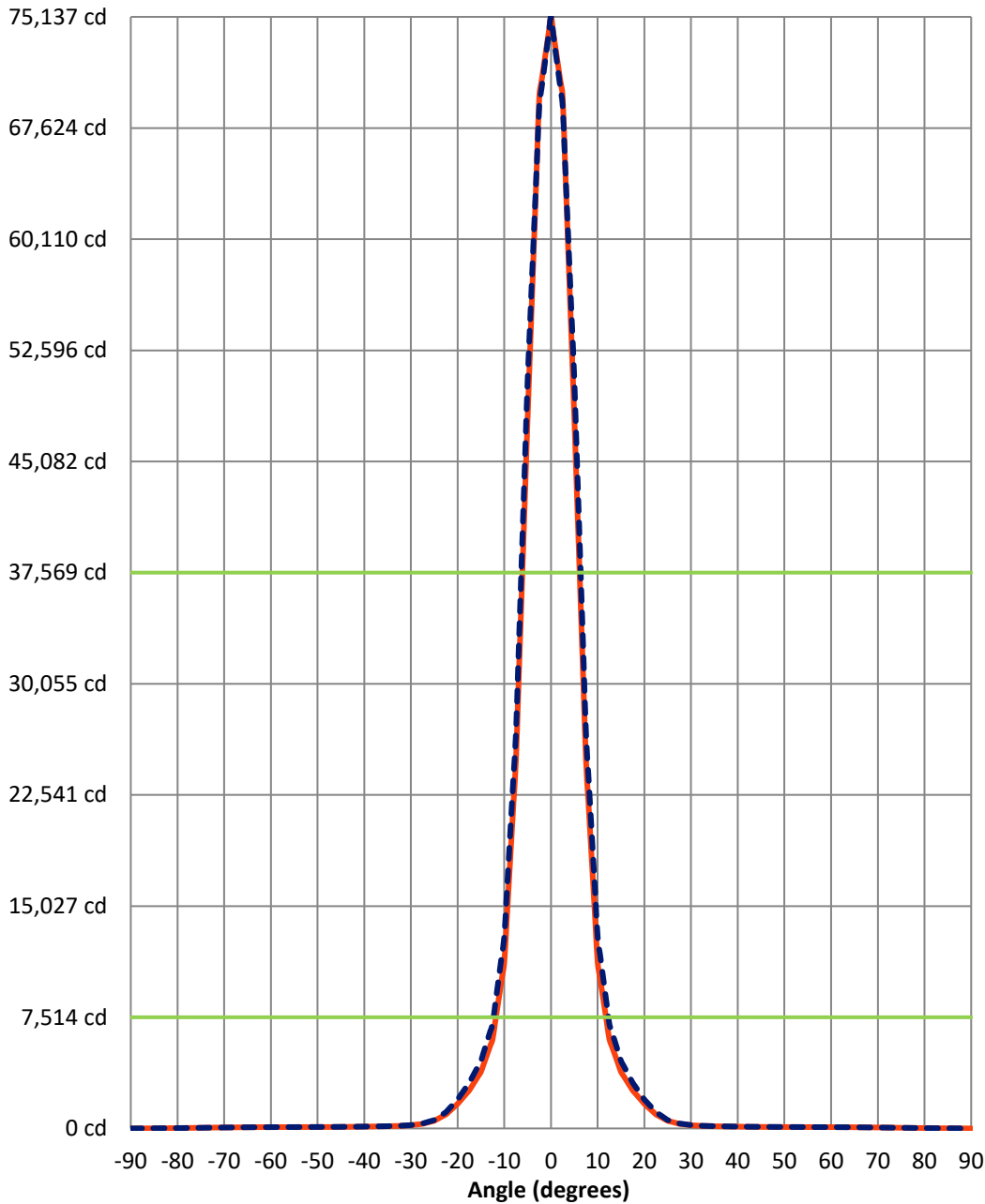
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 1721
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 3812.6
Efficiency: 70.0%

Spill:
Lumens: 1633.9
Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	5.0
80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.4	7.3
77.5°	0.0	0.9	1.7	2.5	3.2	4.0	5.0	6.1	7.2	8.4	9.7
75°	0.0	1.0	2.1	3.0	3.9	5.1	6.3	7.6	9.0	10.7	12.2
72.5°	0.0	1.2	2.4	3.5	4.8	6.2	7.5	9.2	11.1	13.0	14.7
70°	0.0	1.4	2.7	4.0	5.6	7.2	8.8	11.0	13.2	15.3	18.1
67.5°	0.0	1.5	3.1	4.6	6.5	8.3	10.4	12.9	15.3	18.4	21.7
65°	0.0	1.7	3.4	5.3	7.3	9.4	12.0	14.7	17.9	21.5	25.2
62.5°	0.0	1.8	3.7	5.9	8.1	10.7	13.5	16.8	20.5	24.5	28.9
60°	0.0	2.0	4.0	6.5	8.9	11.9	15.0	18.9	23.0	27.7	32.4
57.5°	0.0	2.1	4.4	7.0	9.8	13.1	16.8	21.0	25.8	30.9	36.1
55°	0.0	2.3	4.7	7.6	10.7	14.3	18.6	23.1	28.5	34.0	39.7
52.5°	0.0	2.4	5.1	8.1	11.6	15.4	20.3	25.4	31.2	37.1	43.2
50°	0.0	2.6	5.5	8.7	12.5	16.8	21.9	27.7	33.8	40.2	46.6
47.5°	0.0	2.7	5.8	9.2	13.3	18.1	23.6	29.8	36.4	43.1	50.0
45°	0.0	2.8	6.1	9.8	14.1	19.4	25.3	31.9	38.9	46.1	53.3
42.5°	0.0	2.9	6.4	10.4	14.8	20.7	27.0	34.0	41.3	48.9	56.1
40°	0.0	3.1	6.7	10.9	15.7	21.8	28.7	36.0	43.7	51.7	58.7
37.5°	0.0	3.2	7.0	11.4	16.6	22.9	30.2	38.0	46.0	54.1	61.2
35°	0.0	3.3	7.3	11.8	17.4	24.1	31.6	39.8	48.1	56.2	63.5
32.5°	0.0	3.4	7.5	12.3	18.2	25.2	33.0	41.5	50.2	58.2	65.5
30°	0.0	3.5	7.7	12.7	18.9	26.2	34.4	43.1	52.0	60.0	67.3
27.5°	0.0	3.5	7.9	13.0	19.6	27.2	35.6	44.6	53.6	61.7	68.9
25°	0.0	3.6	8.1	13.3	20.2	28.1	36.8	46.0	55.0	63.1	70.5
22.5°	0.0	3.7	8.3	13.6	20.8	28.9	37.8	47.2	56.2	64.4	71.6
20°	0.0	3.8	8.5	13.9	21.3	29.6	38.8	48.3	57.3	65.5	72.7
17.5°	0.0	3.8	8.6	14.1	21.7	30.3	39.6	49.3	58.3	66.5	73.6
15°	0.0	3.9	8.8	14.3	22.2	30.8	40.4	50.1	59.2	67.3	74.5
12.5°	0.0	3.9	8.9	14.5	22.5	31.3	41.0	50.8	59.9	68.0	75.2
10°	0.0	3.9	8.9	14.6	22.8	31.7	41.6	51.3	60.4	68.5	75.7
7.5°	0.0	4.0	9.0	14.7	23.0	32.0	42.0	51.7	60.8	69.0	76.1
5°	0.0	4.0	9.1	14.7	23.2	32.2	42.3	52.0	61.1	69.2	76.3
2.5°	0.0	4.0	9.1	14.7	23.3	32.4	42.4	52.1	61.2	69.3	76.4
0°	0.0	4.0	9.1	14.7	23.3	32.4	42.4	52.1	61.2	69.3	76.4
-2.5°	0.0	4.0	9.1	14.7	23.3	32.4	42.4	52.1	61.2	69.3	76.4
-5°	0.0	4.0	9.1	14.7	23.2	32.2	42.3	52.0	61.1	69.2	76.3
-7.5°	0.0	4.0	9.0	14.7	23.0	32.0	42.0	51.7	60.8	69.0	76.1
-10°	0.0	3.9	8.9	14.6	22.8	31.7	41.6	51.3	60.4	68.5	75.7
-12.5°	0.0	3.9	8.9	14.5	22.5	31.3	41.0	50.8	59.9	68.0	75.2
-15°	0.0	3.9	8.8	14.3	22.2	30.8	40.4	50.1	59.2	67.3	74.5
-17.5°	0.0	3.8	8.6	14.1	21.7	30.3	39.6	49.3	58.3	66.5	73.6
-20°	0.0	3.8	8.5	13.9	21.3	29.6	38.8	48.3	57.3	65.5	72.7



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.7	8.3	13.6	20.8	28.9	37.8	47.2	56.2	64.4	71.6
-25°	0.0	3.6	8.1	13.3	20.2	28.1	36.8	46.0	55.0	63.1	70.5
-27.5°	0.0	3.5	7.9	13.0	19.6	27.2	35.6	44.6	53.6	61.7	68.9
-30°	0.0	3.5	7.7	12.7	18.9	26.2	34.4	43.1	52.0	60.0	67.3
-32.5°	0.0	3.4	7.5	12.3	18.2	25.2	33.0	41.5	50.2	58.2	65.5
-35°	0.0	3.3	7.3	11.8	17.4	24.1	31.6	39.8	48.1	56.2	63.5
-37.5°	0.0	3.2	7.0	11.4	16.6	22.9	30.2	38.0	46.0	54.1	61.2
-40°	0.0	3.1	6.7	10.9	15.7	21.8	28.7	36.0	43.7	51.7	58.7
-42.5°	0.0	2.9	6.4	10.4	14.8	20.7	27.0	34.0	41.3	48.9	56.1
-45°	0.0	2.8	6.1	9.8	14.1	19.4	25.3	31.9	38.9	46.1	53.3
-47.5°	0.0	2.7	5.8	9.2	13.3	18.1	23.6	29.8	36.4	43.1	50.0
-50°	0.0	2.6	5.5	8.7	12.5	16.8	21.9	27.7	33.8	40.2	46.6
-52.5°	0.0	2.4	5.1	8.1	11.6	15.4	20.3	25.4	31.2	37.1	43.2
-55°	0.0	2.3	4.7	7.6	10.7	14.3	18.6	23.1	28.5	34.0	39.7
-57.5°	0.0	2.1	4.4	7.0	9.8	13.1	16.8	21.0	25.8	30.9	36.1
-60°	0.0	2.0	4.0	6.5	8.9	11.9	15.0	18.9	23.0	27.7	32.4
-62.5°	0.0	1.8	3.7	5.9	8.1	10.7	13.5	16.8	20.5	24.5	28.9
-65°	0.0	1.7	3.4	5.3	7.3	9.4	12.0	14.7	17.9	21.5	25.2
-67.5°	0.0	1.5	3.1	4.6	6.5	8.3	10.4	12.9	15.3	18.4	21.7
-70°	0.0	1.4	2.7	4.0	5.6	7.2	8.8	11.0	13.2	15.3	18.1
-72.5°	0.0	1.2	2.4	3.5	4.8	6.2	7.5	9.2	11.1	13.0	14.7
-75°	0.0	1.0	2.1	3.0	3.9	5.1	6.3	7.6	9.0	10.7	12.2
-77.5°	0.0	0.9	1.7	2.5	3.2	4.0	5.0	6.1	7.2	8.4	9.7
-80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.4	7.3
-82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	5.0
-85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-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°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
85°	3.2	3.5	3.9	4.2	4.5	4.7	5.0	5.2	5.5	5.8	6.1
82.5°	5.6	6.0	6.5	6.8	7.2	7.5	7.9	8.5	9.3	10.0	10.7
80°	8.0	8.6	9.4	10.3	11.2	12.2	13.0	13.9	14.8	15.8	16.8
77.5°	10.8	11.9	13.2	14.6	15.9	17.4	18.9	20.5	21.9	23.1	24.2
75°	13.7	15.2	17.3	19.4	21.4	23.4	25.4	27.4	29.1	30.6	32.2
72.5°	17.0	19.6	22.1	24.5	27.1	29.5	31.9	34.0	36.2	38.4	40.4
70°	21.0	23.9	26.9	30.0	33.0	35.7	38.4	41.1	43.8	46.3	48.4
67.5°	25.0	28.5	31.9	35.4	38.6	41.8	45.0	48.1	51.1	53.7	55.9
65°	29.1	33.0	36.9	40.6	44.1	47.8	51.4	54.9	57.7	60.1	62.3
62.5°	33.2	37.5	41.7	45.8	49.8	53.8	57.3	60.4	63.3	65.9	68.4
60°	37.3	42.0	46.6	51.0	55.3	59.0	62.5	65.6	68.6	71.4	73.5
57.5°	41.3	46.4	51.4	56.0	60.0	63.8	67.2	70.5	73.1	75.4	77.6
55°	45.3	50.7	55.8	60.4	64.5	68.2	71.6	74.4	76.9	79.0	81.2
52.5°	49.2	54.9	59.9	64.5	68.5	72.1	75.2	77.9	80.2	82.4	84.2
50°	53.0	58.6	63.8	68.2	72.2	75.5	78.4	81.0	83.3	85.3	86.9
47.5°	56.4	62.2	67.1	71.6	75.4	78.5	81.3	83.8	86.1	87.8	89.4
45°	59.5	65.2	70.3	74.5	78.2	81.2	83.9	86.5	88.4	90.1	91.4
42.5°	62.6	68.1	73.0	77.4	80.7	83.6	86.3	88.5	90.4	92.0	93.4
40°	65.1	70.9	75.6	79.6	82.9	85.7	88.1	90.4	92.3	93.8	95.3
37.5°	67.6	73.1	77.9	81.6	84.7	87.4	89.9	92.0	93.9	95.5	97.4
35°	69.9	75.2	79.7	83.3	86.3	89.0	91.4	93.5	95.4	97.5	99.8
32.5°	71.9	77.2	81.4	84.7	87.6	90.4	92.8	94.9	97.1	99.5	102.4
30°	73.6	78.7	82.8	85.9	88.8	91.5	94.0	96.3	98.7	101.7	105.4
27.5°	75.1	80.1	83.9	87.0	89.9	92.4	95.1	97.7	100.5	103.9	108.6
25°	76.6	81.4	84.8	87.9	90.7	93.3	96.0	98.7	102.2	106.8	112.9
22.5°	77.7	82.5	85.6	88.8	91.4	94.1	96.9	99.9	103.9	109.4	117.4
20°	78.7	83.2	86.3	89.5	92.0	94.8	97.6	101.0	105.7	112.8	122.1
17.5°	79.5	83.8	86.9	89.9	92.5	95.4	98.3	101.8	107.1	116.1	126.4
15°	80.3	84.3	87.3	90.2	92.9	95.8	98.9	102.9	109.1	119.2	130.3
12.5°	80.9	84.6	87.7	90.4	93.3	96.1	99.5	103.8	111.2	122.1	134.2
10°	81.5	84.9	88.0	90.6	93.5	96.3	99.9	104.4	112.7	123.7	136.5
7.5°	81.8	85.2	88.1	90.7	93.7	96.4	100.2	104.8	113.6	124.6	137.8
5°	82.0	85.3	88.3	90.8	93.9	96.5	100.4	104.8	114.0	124.7	138.2
2.5°	82.0	85.5	88.5	91.0	94.0	96.8	100.9	105.4	114.4	125.4	138.5
0°	81.9	85.5	88.5	91.0	94.1	97.1	101.2	105.7	114.3	126.0	138.6
-2.5°	82.0	85.5	88.5	91.0	94.0	96.8	100.9	105.4	114.4	125.4	138.5
-5°	82.0	85.3	88.3	90.8	93.9	96.5	100.4	104.8	114.0	124.7	138.2
-7.5°	81.8	85.2	88.1	90.7	93.7	96.4	100.2	104.8	113.6	124.6	137.8
-10°	81.5	84.9	88.0	90.6	93.5	96.3	99.9	104.4	112.7	123.7	136.5
-12.5°	80.9	84.6	87.7	90.4	93.3	96.1	99.5	103.8	111.2	122.1	134.2
-15°	80.3	84.3	87.3	90.2	92.9	95.8	98.9	102.9	109.1	119.2	130.3
-17.5°	79.5	83.8	86.9	89.9	92.5	95.4	98.3	101.8	107.1	116.1	126.4
-20°	78.7	83.2	86.3	89.5	92.0	94.8	97.6	101.0	105.7	112.8	122.1



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	77.7	82.5	85.6	88.8	91.4	94.1	96.9	99.9	103.9	109.4	117.4
-25°	76.6	81.4	84.8	87.9	90.7	93.3	96.0	98.7	102.2	106.8	112.9
-27.5°	75.1	80.1	83.9	87.0	89.9	92.4	95.1	97.7	100.5	103.9	108.6
-30°	73.6	78.7	82.8	85.9	88.8	91.5	94.0	96.3	98.7	101.7	105.4
-32.5°	71.9	77.2	81.4	84.7	87.6	90.4	92.8	94.9	97.1	99.5	102.4
-35°	69.9	75.2	79.7	83.3	86.3	89.0	91.4	93.5	95.4	97.5	99.8
-37.5°	67.6	73.1	77.9	81.6	84.7	87.4	89.9	92.0	93.9	95.5	97.4
-40°	65.1	70.9	75.6	79.6	82.9	85.7	88.1	90.4	92.3	93.8	95.3
-42.5°	62.6	68.1	73.0	77.4	80.7	83.6	86.3	88.5	90.4	92.0	93.4
-45°	59.5	65.2	70.3	74.5	78.2	81.2	83.9	86.5	88.4	90.1	91.4
-47.5°	56.4	62.2	67.1	71.6	75.4	78.5	81.3	83.8	86.1	87.8	89.4
-50°	53.0	58.6	63.8	68.2	72.2	75.5	78.4	81.0	83.3	85.3	86.9
-52.5°	49.2	54.9	59.9	64.5	68.5	72.1	75.2	77.9	80.2	82.4	84.2
-55°	45.3	50.7	55.8	60.4	64.5	68.2	71.6	74.4	76.9	79.0	81.2
-57.5°	41.3	46.4	51.4	56.0	60.0	63.8	67.2	70.5	73.1	75.4	77.6
-60°	37.3	42.0	46.6	51.0	55.3	59.0	62.5	65.6	68.6	71.4	73.5
-62.5°	33.2	37.5	41.7	45.8	49.8	53.8	57.3	60.4	63.3	65.9	68.4
-65°	29.1	33.0	36.9	40.6	44.1	47.8	51.4	54.9	57.7	60.1	62.3
-67.5°	25.0	28.5	31.9	35.4	38.6	41.8	45.0	48.1	51.1	53.7	55.9
-70°	21.0	23.9	26.9	30.0	33.0	35.7	38.4	41.1	43.8	46.3	48.4
-72.5°	17.0	19.6	22.1	24.5	27.1	29.5	31.9	34.0	36.2	38.4	40.4
-75°	13.7	15.2	17.3	19.4	21.4	23.4	25.4	27.4	29.1	30.6	32.2
-77.5°	10.8	11.9	13.2	14.6	15.9	17.4	18.9	20.5	21.9	23.1	24.2
-80°	8.0	8.6	9.4	10.3	11.2	12.2	13.0	13.9	14.8	15.8	16.8
-82.5°	5.6	6.0	6.5	6.8	7.2	7.5	7.9	8.5	9.3	10.0	10.7
-85°	3.2	3.5	3.9	4.2	4.5	4.7	5.0	5.2	5.5	5.8	6.1
-87.5°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
-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: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	6.4	6.7	7.0	7.3	7.5	7.7	7.9	8.1	8.2	8.3	8.4
82.5°	11.3	11.9	12.4	12.9	13.3	13.7	14.0	14.3	14.5	14.7	14.9
80°	17.7	18.6	19.4	20.2	20.9	21.4	21.9	22.3	22.6	23.0	23.3
77.5°	25.3	26.5	27.6	28.7	29.6	30.4	31.1	31.7	32.2	32.8	33.3
75°	33.8	35.3	36.6	37.8	39.0	40.0	40.9	41.6	42.3	43.0	43.5
72.5°	42.4	44.1	45.7	47.0	48.2	49.3	50.5	51.5	52.5	53.2	53.7
70°	50.4	52.2	53.9	55.4	56.8	58.2	59.7	61.1	62.3	63.1	63.6
67.5°	57.8	59.7	61.6	63.4	65.1	66.6	68.1	69.4	70.6	71.4	71.9
65°	64.5	66.6	68.6	70.5	72.2	73.5	74.9	76.1	77.3	78.3	79.0
62.5°	70.8	72.8	74.5	76.1	77.6	78.9	80.2	81.4	82.4	83.3	84.2
60°	75.6	77.6	79.3	80.8	82.2	83.5	84.5	85.4	86.1	86.6	87.1
57.5°	79.7	81.6	83.4	84.6	85.8	87.0	87.9	88.4	88.8	89.1	89.4
55°	83.2	84.8	86.2	87.5	88.7	89.8	90.6	90.9	91.2	91.3	91.4
52.5°	86.0	87.6	89.0	90.3	91.3	92.2	93.0	93.2	93.3	93.3	93.4
50°	88.6	90.1	91.3	92.4	93.4	94.2	94.8	95.1	95.3	95.3	95.2
47.5°	90.7	92.0	93.3	94.4	95.4	96.3	97.1	97.5	97.8	97.9	97.9
45°	92.6	94.1	95.4	96.7	97.9	99.1	100.1	100.9	101.5	102.0	102.3
42.5°	94.7	96.2	97.7	99.5	101.2	102.8	104.5	106.0	107.6	109.3	110.4
40°	96.9	98.6	100.9	103.1	105.5	107.7	111.3	115.0	117.7	120.0	122.1
37.5°	99.4	101.9	104.6	107.4	111.4	115.5	120.1	124.6	128.5	132.0	134.8
35°	102.4	105.6	108.9	113.9	119.0	124.1	129.6	135.5	140.6	144.3	146.9
32.5°	105.9	110.0	115.4	121.8	128.0	134.6	141.2	147.8	152.8	158.0	163.1
30°	109.9	115.7	122.7	130.4	138.2	146.1	154.4	163.6	172.3	181.7	195.2
27.5°	114.9	122.0	130.2	139.3	148.7	158.2	172.6	188.4	211.9	230.7	262.4
25°	120.3	128.6	138.3	148.9	160.4	177.3	203.7	234.9	290.2	333.1	398.1
22.5°	126.2	136.0	146.8	159.0	177.5	209.3	254.5	334.6	446.1	556.2	678.6
20°	132.1	142.9	154.8	173.3	204.7	255.0	352.8	526.0	719.5	994.9	1226.1
17.5°	137.7	149.2	164.2	189.2	236.2	337.4	526.8	823.6	1227.6	1671.7	2042.0
15°	142.6	154.3	174.6	214.2	293.6	451.2	737.2	1242.2	1921.2	2529.1	3071.4
12.5°	146.8	160.6	185.9	234.4	343.4	576.7	1035.5	1752.6	2581.7	3434.4	4120.6
10°	149.8	167.4	200.9	271.7	422.6	726.2	1284.1	2188.6	3187.0	4223.3	5463.8
7.5°	151.6	172.2	212.3	299.4	493.2	892.5	1596.0	2578.0	3724.4	5139.1	7034.5
5°	152.9	175.4	220.7	320.3	540.4	1002.5	1792.9	2873.0	4188.2	6233.7	10134.5
2.5°	153.5	176.8	225.5	331.8	561.9	1059.0	1931.5	3041.9	4470.3	7005.8	12282.0
0°	153.3	176.0	226.1	334.4	565.0	1102.2	1954.5	3090.1	4565.6	7075.0	12970.5
-2.5°	153.5	176.8	225.5	331.8	561.9	1059.0	1931.5	3041.9	4470.3	7005.8	12282.0
-5°	152.9	175.4	220.7	320.3	540.4	1002.5	1792.9	2873.0	4188.2	6233.7	10134.5
-7.5°	151.6	172.2	212.3	299.4	493.2	892.5	1596.0	2578.0	3724.4	5139.1	7034.5
-10°	149.8	167.4	200.9	271.7	422.6	726.2	1284.1	2188.6	3187.0	4223.3	5463.8
-12.5°	146.8	160.6	185.9	234.4	343.4	576.7	1035.5	1752.6	2581.7	3434.4	4120.6
-15°	142.6	154.3	174.6	214.2	293.6	451.2	737.2	1242.2	1921.2	2529.1	3071.4
-17.5°	137.7	149.2	164.2	189.2	236.2	337.4	526.8	823.6	1227.6	1671.7	2042.0
-20°	132.1	142.9	154.8	173.3	204.7	255.0	352.8	526.0	719.5	994.9	1226.1



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	126.2	136.0	146.8	159.0	177.5	209.3	254.5	334.6	446.1	556.2	678.6
-25°	120.3	128.6	138.3	148.9	160.4	177.3	203.7	234.9	290.2	333.1	398.1
-27.5°	114.9	122.0	130.2	139.3	148.7	158.2	172.6	188.4	211.9	230.7	262.4
-30°	109.9	115.7	122.7	130.4	138.2	146.1	154.4	163.6	172.3	181.7	195.2
-32.5°	105.9	110.0	115.4	121.8	128.0	134.6	141.2	147.8	152.8	158.0	163.1
-35°	102.4	105.6	108.9	113.9	119.0	124.1	129.6	135.5	140.6	144.3	146.9
-37.5°	99.4	101.9	104.6	107.4	111.4	115.5	120.1	124.6	128.5	132.0	134.8
-40°	96.9	98.6	100.9	103.1	105.5	107.7	111.3	115.0	117.7	120.0	122.1
-42.5°	94.7	96.2	97.7	99.5	101.2	102.8	104.5	106.0	107.6	109.3	110.4
-45°	92.6	94.1	95.4	96.7	97.9	99.1	100.1	100.9	101.5	102.0	102.3
-47.5°	90.7	92.0	93.3	94.4	95.4	96.3	97.1	97.5	97.8	97.9	97.9
-50°	88.6	90.1	91.3	92.4	93.4	94.2	94.8	95.1	95.3	95.3	95.2
-52.5°	86.0	87.6	89.0	90.3	91.3	92.2	93.0	93.2	93.3	93.3	93.4
-55°	83.2	84.8	86.2	87.5	88.7	89.8	90.6	90.9	91.2	91.3	91.4
-57.5°	79.7	81.6	83.4	84.6	85.8	87.0	87.9	88.4	88.8	89.1	89.4
-60°	75.6	77.6	79.3	80.8	82.2	83.5	84.5	85.4	86.1	86.6	87.1
-62.5°	70.8	72.8	74.5	76.1	77.6	78.9	80.2	81.4	82.4	83.3	84.2
-65°	64.5	66.6	68.6	70.5	72.2	73.5	74.9	76.1	77.3	78.3	79.0
-67.5°	57.8	59.7	61.6	63.4	65.1	66.6	68.1	69.4	70.6	71.4	71.9
-70°	50.4	52.2	53.9	55.4	56.8	58.2	59.7	61.1	62.3	63.1	63.6
-72.5°	42.4	44.1	45.7	47.0	48.2	49.3	50.5	51.5	52.5	53.2	53.7
-75°	33.8	35.3	36.6	37.8	39.0	40.0	40.9	41.6	42.3	43.0	43.5
-77.5°	25.3	26.5	27.6	28.7	29.6	30.4	31.1	31.7	32.2	32.8	33.3
-80°	17.7	18.6	19.4	20.2	20.9	21.4	21.9	22.3	22.6	23.0	23.3
-82.5°	11.3	11.9	12.4	12.9	13.3	13.7	14.0	14.3	14.5	14.7	14.9
-85°	6.4	6.7	7.0	7.3	7.5	7.7	7.9	8.1	8.2	8.3	8.4
-87.5°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.1
82.5°	15.0	15.1	15.2	15.2	15.1	15.0	14.9	14.7	14.5	14.3	14.3
80°	23.5	23.7	23.8	23.8	23.7	23.5	23.3	23.0	22.6	22.3	22.3
77.5°	33.8	34.2	34.3	34.4	34.3	34.2	33.8	33.3	32.8	32.2	31.7
75°	44.0	44.3	44.4	44.5	44.4	44.3	44.0	43.5	43.0	42.3	41.6
72.5°	54.1	54.3	54.8	55.1	54.8	54.3	54.1	53.7	53.2	52.5	51.5
70°	63.8	63.9	64.4	64.7	64.4	63.9	63.8	63.6	63.1	62.3	61.1
67.5°	72.3	72.5	72.5	72.3	72.5	72.5	72.3	71.9	71.4	70.6	69.4
65°	79.6	80.1	80.1	79.9	80.1	80.1	79.6	79.0	78.3	77.3	76.1
62.5°	84.9	85.7	85.9	86.0	85.9	85.7	84.9	84.2	83.3	82.4	81.4
60°	87.6	87.9	88.0	88.0	88.0	87.9	87.6	87.1	86.6	86.1	85.4
57.5°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.4	89.1	88.8	88.4
55°	91.5	91.5	91.3	91.0	91.3	91.5	91.5	91.4	91.3	91.2	90.9
52.5°	93.3	93.1	92.9	92.6	92.9	93.1	93.3	93.4	93.3	93.3	93.2
50°	95.0	94.7	94.6	94.6	94.6	94.7	95.0	95.2	95.3	95.3	95.1
47.5°	97.8	97.6	97.5	97.6	97.5	97.6	97.8	97.9	97.9	97.8	97.5
45°	102.4	102.2	102.1	102.2	102.1	102.2	102.4	102.3	102.0	101.5	100.9
42.5°	111.0	111.1	111.1	111.3	111.1	111.1	111.0	110.4	109.3	107.6	106.0
40°	123.0	122.9	122.5	122.4	122.5	122.9	123.0	122.1	120.0	117.7	115.0
37.5°	136.0	136.0	135.6	135.6	135.6	136.0	136.0	134.8	132.0	128.5	124.6
35°	148.3	148.8	148.7	148.2	148.7	148.8	148.3	146.9	144.3	140.6	135.5
32.5°	166.8	169.6	171.1	170.5	171.1	169.6	166.8	163.1	158.0	152.8	147.8
30°	203.7	211.0	214.8	216.5	214.8	211.0	203.7	195.2	181.7	172.3	163.6
27.5°	285.2	301.3	308.5	311.1	308.5	301.3	285.2	262.4	230.7	211.9	188.4
25°	454.9	491.3	509.2	514.9	509.2	491.3	454.9	398.1	333.1	290.2	234.9
22.5°	813.5	883.4	931.2	941.9	931.2	883.4	813.5	678.6	556.2	446.1	334.6
20°	1458.6	1593.8	1667.3	1660.6	1667.3	1593.8	1458.6	1226.1	994.9	719.5	526.0
17.5°	2356.8	2530.2	2612.8	2574.2	2612.8	2530.2	2356.8	2042.0	1671.7	1227.6	823.6
15°	3454.9	3689.3	3791.5	3823.1	3791.5	3689.3	3454.9	3071.4	2529.1	1921.2	1242.2
12.5°	4805.6	5573.8	5941.2	6039.6	5941.2	5573.8	4805.6	4120.6	3434.4	2581.7	1752.6
10°	6732.7	9314.9	10850.8	11225.9	10850.8	9314.9	6732.7	5463.8	4223.3	3187.0	2188.6
7.5°	10995.1	16242.3	22120.4	24904.0	22120.4	16242.3	10995.1	7034.5	5139.1	3724.4	2578.0
5°	16767.5	29101.3	42710.9	48046.1	42710.9	29101.3	16767.5	10134.5	6233.7	4188.2	2873.0
2.5°	23784.8	43940.7	62745.9	69756.1	62745.9	43940.7	23784.8	12282.0	7005.8	4470.3	3041.9
0°	26749.5	50658.8	69132.4	75137.3	69132.4	50658.8	26749.5	12970.5	7075.0	4565.6	3090.1
-2.5°	23784.8	43940.7	62745.9	69756.0	62745.9	43940.7	23784.8	12282.0	7005.8	4470.3	3041.9
-5°	16767.5	29101.3	42710.9	48046.1	42710.9	29101.3	16767.5	10134.5	6233.7	4188.2	2873.0
-7.5°	10995.1	16242.3	22120.4	24904.0	22120.4	16242.3	10995.1	7034.5	5139.1	3724.4	2578.0
-10°	6732.7	9314.9	10850.8	11225.9	10850.8	9314.9	6732.7	5463.8	4223.3	3187.0	2188.6
-12.5°	4805.6	5573.8	5941.2	6039.6	5941.2	5573.8	4805.6	4120.6	3434.4	2581.7	1752.6
-15°	3454.9	3689.3	3791.5	3823.1	3791.5	3689.3	3454.9	3071.4	2529.1	1921.2	1242.2
-17.5°	2356.8	2530.2	2612.8	2574.2	2612.8	2530.2	2356.8	2042.0	1671.7	1227.6	823.6
-20°	1458.6	1593.8	1667.3	1660.6	1667.3	1593.8	1458.6	1226.1	994.9	719.5	526.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	813.5	883.4	931.2	941.9	931.2	883.4	813.5	678.6	556.2	446.1	334.6
-25°	454.9	491.3	509.2	514.9	509.2	491.3	454.9	398.1	333.1	290.2	234.9
-27.5°	285.2	301.3	308.5	311.1	308.5	301.3	285.2	262.4	230.7	211.9	188.4
-30°	203.7	211.0	214.8	216.5	214.8	211.0	203.7	195.2	181.7	172.3	163.6
-32.5°	166.8	169.6	171.1	170.5	171.1	169.6	166.8	163.1	158.0	152.8	147.8
-35°	148.3	148.8	148.7	148.2	148.7	148.8	148.3	146.9	144.3	140.6	135.5
-37.5°	136.0	136.0	135.6	135.6	135.6	136.0	136.0	134.8	132.0	128.5	124.6
-40°	123.0	122.9	122.5	122.4	122.5	122.9	123.0	122.1	120.0	117.7	115.0
-42.5°	111.0	111.1	111.1	111.3	111.1	111.1	111.0	110.4	109.3	107.6	106.0
-45°	102.4	102.2	102.1	102.2	102.1	102.2	102.4	102.3	102.0	101.5	100.9
-47.5°	97.8	97.6	97.5	97.6	97.5	97.6	97.8	97.9	97.9	97.8	97.5
-50°	95.0	94.7	94.6	94.6	94.6	94.7	95.0	95.2	95.3	95.3	95.1
-52.5°	93.3	93.1	92.9	92.6	92.9	93.1	93.3	93.4	93.3	93.3	93.2
-55°	91.5	91.5	91.3	91.0	91.3	91.5	91.5	91.4	91.3	91.2	90.9
-57.5°	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.4	89.1	88.8	88.4
-60°	87.6	87.9	88.0	88.0	88.0	87.9	87.6	87.1	86.6	86.1	85.4
-62.5°	84.9	85.7	85.9	86.0	85.9	85.7	84.9	84.2	83.3	82.4	81.4
-65°	79.6	80.1	80.1	79.9	80.1	80.1	79.6	79.0	78.3	77.3	76.1
-67.5°	72.3	72.5	72.5	72.3	72.5	72.5	72.3	71.9	71.4	70.6	69.4
-70°	63.8	63.9	64.4	64.7	64.4	63.9	63.8	63.6	63.1	62.3	61.1
-72.5°	54.1	54.3	54.8	55.1	54.8	54.3	54.1	53.7	53.2	52.5	51.5
-75°	44.0	44.3	44.4	44.5	44.4	44.3	44.0	43.5	43.0	42.3	41.6
-77.5°	33.8	34.2	34.3	34.4	34.3	34.2	33.8	33.3	32.8	32.2	31.7
-80°	23.5	23.7	23.8	23.8	23.8	23.7	23.5	23.3	23.0	22.6	22.3
-82.5°	15.0	15.1	15.2	15.2	15.2	15.1	15.0	14.9	14.7	14.5	14.3
-85°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.1
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-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: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
85°	7.9	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.2
82.5°	14.0	13.7	13.3	12.9	12.4	11.9	11.3	10.7	10.0	9.3	8.5
80°	21.9	21.4	20.9	20.2	19.4	18.6	17.7	16.8	15.8	14.8	13.9
77.5°	31.1	30.4	29.6	28.7	27.6	26.5	25.3	24.2	23.1	21.9	20.5
75°	40.9	40.0	39.0	37.8	36.6	35.3	33.8	32.2	30.6	29.1	27.4
72.5°	50.5	49.3	48.2	47.0	45.7	44.1	42.4	40.4	38.4	36.2	34.0
70°	59.7	58.2	56.8	55.4	53.9	52.2	50.4	48.4	46.3	43.8	41.1
67.5°	68.1	66.6	65.1	63.4	61.6	59.7	57.8	55.9	53.7	51.1	48.1
65°	74.9	73.5	72.2	70.5	68.6	66.6	64.5	62.3	60.1	57.7	54.9
62.5°	80.2	78.9	77.6	76.1	74.5	72.8	70.8	68.4	65.9	63.3	60.4
60°	84.5	83.5	82.2	80.8	79.3	77.6	75.6	73.5	71.4	68.6	65.6
57.5°	87.9	87.0	85.8	84.6	83.4	81.6	79.7	77.6	75.4	73.1	70.5
55°	90.6	89.8	88.7	87.5	86.2	84.8	83.2	81.2	79.0	76.9	74.4
52.5°	93.0	92.2	91.3	90.3	89.0	87.6	86.0	84.2	82.4	80.2	77.9
50°	94.8	94.2	93.4	92.4	91.3	90.1	88.6	86.9	85.3	83.3	81.0
47.5°	97.1	96.3	95.4	94.4	93.3	92.0	90.7	89.4	87.8	86.1	83.8
45°	100.1	99.1	97.9	96.7	95.4	94.1	92.6	91.4	90.1	88.4	86.5
42.5°	104.5	102.8	101.2	99.5	97.7	96.2	94.7	93.4	92.0	90.4	88.5
40°	111.3	107.7	105.5	103.1	100.9	98.6	96.9	95.3	93.8	92.3	90.4
37.5°	120.1	115.5	111.4	107.4	104.6	101.9	99.4	97.4	95.5	93.9	92.0
35°	129.6	124.1	119.0	113.9	108.9	105.6	102.4	99.8	97.5	95.4	93.5
32.5°	141.2	134.6	128.0	121.8	115.4	110.0	105.9	102.4	99.5	97.1	94.9
30°	154.4	146.1	138.2	130.4	122.7	115.7	109.9	105.4	101.7	98.7	96.3
27.5°	172.6	158.2	148.7	139.3	130.2	122.0	114.9	108.6	103.9	100.5	97.7
25°	203.7	177.3	160.4	148.9	138.3	128.6	120.3	112.9	106.8	102.2	98.7
22.5°	254.5	209.3	177.5	159.0	146.8	136.0	126.2	117.4	109.4	103.9	99.9
20°	352.8	255.0	204.7	173.3	154.8	142.9	132.1	122.1	112.8	105.7	101.0
17.5°	526.8	337.4	236.2	189.2	164.2	149.2	137.7	126.4	116.1	107.1	101.8
15°	737.2	451.2	293.6	214.2	174.6	154.3	142.6	130.3	119.2	109.1	102.9
12.5°	1035.5	576.7	343.4	234.4	185.9	160.6	146.8	134.2	122.1	111.2	103.8
10°	1284.1	726.2	422.6	271.7	200.9	167.4	149.8	136.5	123.7	112.7	104.4
7.5°	1596.0	892.5	493.2	299.4	212.3	172.2	151.6	137.8	124.6	113.6	104.8
5°	1792.9	1002.5	540.4	320.3	220.7	175.4	152.9	138.2	124.7	114.0	104.8
2.5°	1931.5	1059.0	561.9	331.8	225.5	176.8	153.5	138.5	125.4	114.4	105.4
0°	1954.5	1102.2	565.0	334.4	226.1	176.0	153.3	138.6	126.0	114.3	105.7
-2.5°	1931.5	1059.0	561.9	331.8	225.5	176.8	153.5	138.5	125.4	114.4	105.4
-5°	1792.9	1002.5	540.4	320.3	220.7	175.4	152.9	138.2	124.7	114.0	104.8
-7.5°	1596.0	892.5	493.2	299.4	212.3	172.2	151.6	137.8	124.6	113.6	104.8
-10°	1284.1	726.2	422.6	271.7	200.9	167.4	149.8	136.5	123.7	112.7	104.4
-12.5°	1035.5	576.7	343.4	234.4	185.9	160.6	146.8	134.2	122.1	111.2	103.8
-15°	737.2	451.2	293.6	214.2	174.6	154.3	142.6	130.3	119.2	109.1	102.9
-17.5°	526.8	337.4	236.2	189.2	164.2	149.2	137.7	126.4	116.1	107.1	101.8
-20°	352.8	255.0	204.7	173.3	154.8	142.9	132.1	122.1	112.8	105.7	101.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	254.5	209.3	177.5	159.0	146.8	136.0	126.2	117.4	109.4	103.9	99.9
-25°	203.7	177.3	160.4	148.9	138.3	128.6	120.3	112.9	106.8	102.2	98.7
-27.5°	172.6	158.2	148.7	139.3	130.2	122.0	114.9	108.6	103.9	100.5	97.7
-30°	154.4	146.1	138.2	130.4	122.7	115.7	109.9	105.4	101.7	98.7	96.3
-32.5°	141.2	134.6	128.0	121.8	115.4	110.0	105.9	102.4	99.5	97.1	94.9
-35°	129.6	124.1	119.0	113.9	108.9	105.6	102.4	99.8	97.5	95.4	93.5
-37.5°	120.1	115.5	111.4	107.4	104.6	101.9	99.4	97.4	95.5	93.9	92.0
-40°	111.3	107.7	105.5	103.1	100.9	98.6	96.9	95.3	93.8	92.3	90.4
-42.5°	104.5	102.8	101.2	99.5	97.7	96.2	94.7	93.4	92.0	90.4	88.5
-45°	100.1	99.1	97.9	96.7	95.4	94.1	92.6	91.4	90.1	88.4	86.5
-47.5°	97.1	96.3	95.4	94.4	93.3	92.0	90.7	89.4	87.8	86.1	83.8
-50°	94.8	94.2	93.4	92.4	91.3	90.1	88.6	86.9	85.3	83.3	81.0
-52.5°	93.0	92.2	91.3	90.3	89.0	87.6	86.0	84.2	82.4	80.2	77.9
-55°	90.6	89.8	88.7	87.5	86.2	84.8	83.2	81.2	79.0	76.9	74.4
-57.5°	87.9	87.0	85.8	84.6	83.4	81.6	79.7	77.6	75.4	73.1	70.5
-60°	84.5	83.5	82.2	80.8	79.3	77.6	75.6	73.5	71.4	68.6	65.6
-62.5°	80.2	78.9	77.6	76.1	74.5	72.8	70.8	68.4	65.9	63.3	60.4
-65°	74.9	73.5	72.2	70.5	68.6	66.6	64.5	62.3	60.1	57.7	54.9
-67.5°	68.1	66.6	65.1	63.4	61.6	59.7	57.8	55.9	53.7	51.1	48.1
-70°	59.7	58.2	56.8	55.4	53.9	52.2	50.4	48.4	46.3	43.8	41.1
-72.5°	50.5	49.3	48.2	47.0	45.7	44.1	42.4	40.4	38.4	36.2	34.0
-75°	40.9	40.0	39.0	37.8	36.6	35.3	33.8	32.2	30.6	29.1	27.4
-77.5°	31.1	30.4	29.6	28.7	27.6	26.5	25.3	24.2	23.1	21.9	20.5
-80°	21.9	21.4	20.9	20.2	19.4	18.6	17.7	16.8	15.8	14.8	13.9
-82.5°	14.0	13.7	13.3	12.9	12.4	11.9	11.3	10.7	10.0	9.3	8.5
-85°	7.9	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.2
-87.5°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
85°	5.0	4.7	4.5	4.2	3.9	3.5	3.2	3.0	2.7	2.4	2.1
82.5°	7.9	7.5	7.2	6.8	6.5	6.0	5.6	5.0	4.3	3.6	3.1
80°	13.0	12.2	11.2	10.3	9.4	8.6	8.0	7.3	6.4	5.4	4.5
77.5°	18.9	17.4	15.9	14.6	13.2	11.9	10.8	9.7	8.4	7.2	6.1
75°	25.4	23.4	21.4	19.4	17.3	15.2	13.7	12.2	10.7	9.0	7.6
72.5°	31.9	29.5	27.1	24.5	22.1	19.6	17.0	14.7	13.0	11.1	9.2
70°	38.4	35.7	33.0	30.0	26.9	23.9	21.0	18.1	15.3	13.2	11.0
67.5°	45.0	41.8	38.6	35.4	31.9	28.5	25.0	21.7	18.4	15.3	12.9
65°	51.4	47.8	44.1	40.6	36.9	33.0	29.1	25.2	21.5	17.9	14.7
62.5°	57.3	53.8	49.8	45.8	41.7	37.5	33.2	28.9	24.5	20.5	16.8
60°	62.5	59.0	55.3	51.0	46.6	42.0	37.3	32.4	27.7	23.0	18.9
57.5°	67.2	63.8	60.0	56.0	51.4	46.4	41.3	36.1	30.9	25.8	21.0
55°	71.6	68.2	64.5	60.4	55.8	50.7	45.3	39.7	34.0	28.5	23.1
52.5°	75.2	72.1	68.5	64.5	59.9	54.9	49.2	43.2	37.1	31.2	25.4
50°	78.4	75.5	72.2	68.2	63.8	58.6	53.0	46.6	40.2	33.8	27.7
47.5°	81.3	78.5	75.4	71.6	67.1	62.2	56.4	50.0	43.1	36.4	29.8
45°	83.9	81.2	78.2	74.5	70.3	65.2	59.5	53.3	46.1	38.9	31.9
42.5°	86.3	83.6	80.7	77.4	73.0	68.1	62.6	56.1	48.9	41.3	34.0
40°	88.1	85.7	82.9	79.6	75.6	70.9	65.1	58.7	51.7	43.7	36.0
37.5°	89.9	87.4	84.7	81.6	77.9	73.1	67.6	61.2	54.1	46.0	38.0
35°	91.4	89.0	86.3	83.3	79.7	75.2	69.9	63.5	56.2	48.1	39.8
32.5°	92.8	90.4	87.6	84.7	81.4	77.2	71.9	65.5	58.2	50.2	41.5
30°	94.0	91.5	88.8	85.9	82.8	78.7	73.6	67.3	60.0	52.0	43.1
27.5°	95.1	92.4	89.9	87.0	83.9	80.1	75.1	68.9	61.7	53.6	44.6
25°	96.0	93.3	90.7	87.9	84.8	81.4	76.6	70.5	63.1	55.0	46.0
22.5°	96.9	94.1	91.4	88.8	85.6	82.5	77.7	71.6	64.4	56.2	47.2
20°	97.6	94.8	92.0	89.5	86.3	83.2	78.7	72.7	65.5	57.3	48.3
17.5°	98.3	95.4	92.5	89.9	86.9	83.8	79.5	73.6	66.5	58.3	49.3
15°	98.9	95.8	92.9	90.2	87.3	84.3	80.3	74.5	67.3	59.2	50.1
12.5°	99.5	96.1	93.3	90.4	87.7	84.6	80.9	75.2	68.0	59.9	50.8
10°	99.9	96.3	93.5	90.6	88.0	84.9	81.5	75.7	68.5	60.4	51.3
7.5°	100.2	96.4	93.7	90.7	88.1	85.2	81.8	76.1	69.0	60.8	51.7
5°	100.4	96.5	93.9	90.8	88.3	85.3	82.0	76.3	69.2	61.1	52.0
2.5°	100.9	96.8	94.0	91.0	88.5	85.5	82.0	76.4	69.3	61.2	52.1
0°	101.2	97.1	94.1	91.0	88.5	85.5	81.9	76.4	69.3	61.2	52.1
-2.5°	100.9	96.8	94.0	91.0	88.5	85.5	82.0	76.4	69.3	61.2	52.1
-5°	100.4	96.5	93.9	90.8	88.3	85.3	82.0	76.3	69.2	61.1	52.0
-7.5°	100.2	96.4	93.7	90.7	88.1	85.2	81.8	76.1	69.0	60.8	51.7
-10°	99.9	96.3	93.5	90.6	88.0	84.9	81.5	75.7	68.5	60.4	51.3
-12.5°	99.5	96.1	93.3	90.4	87.7	84.6	80.9	75.2	68.0	59.9	50.8
-15°	98.9	95.8	92.9	90.2	87.3	84.3	80.3	74.5	67.3	59.2	50.1
-17.5°	98.3	95.4	92.5	89.9	86.9	83.8	79.5	73.6	66.5	58.3	49.3
-20°	97.6	94.8	92.0	89.5	86.3	83.2	78.7	72.7	65.5	57.3	48.3



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	96.9	94.1	91.4	88.8	85.6	82.5	77.7	71.6	64.4	56.2	47.2
-25°	96.0	93.3	90.7	87.9	84.8	81.4	76.6	70.5	63.1	55.0	46.0
-27.5°	95.1	92.4	89.9	87.0	83.9	80.1	75.1	68.9	61.7	53.6	44.6
-30°	94.0	91.5	88.8	85.9	82.8	78.7	73.6	67.3	60.0	52.0	43.1
-32.5°	92.8	90.4	87.6	84.7	81.4	77.2	71.9	65.5	58.2	50.2	41.5
-35°	91.4	89.0	86.3	83.3	79.7	75.2	69.9	63.5	56.2	48.1	39.8
-37.5°	89.9	87.4	84.7	81.6	77.9	73.1	67.6	61.2	54.1	46.0	38.0
-40°	88.1	85.7	82.9	79.6	75.6	70.9	65.1	58.7	51.7	43.7	36.0
-42.5°	86.3	83.6	80.7	77.4	73.0	68.1	62.6	56.1	48.9	41.3	34.0
-45°	83.9	81.2	78.2	74.5	70.3	65.2	59.5	53.3	46.1	38.9	31.9
-47.5°	81.3	78.5	75.4	71.6	67.1	62.2	56.4	50.0	43.1	36.4	29.8
-50°	78.4	75.5	72.2	68.2	63.8	58.6	53.0	46.6	40.2	33.8	27.7
-52.5°	75.2	72.1	68.5	64.5	59.9	54.9	49.2	43.2	37.1	31.2	25.4
-55°	71.6	68.2	64.5	60.4	55.8	50.7	45.3	39.7	34.0	28.5	23.1
-57.5°	67.2	63.8	60.0	56.0	51.4	46.4	41.3	36.1	30.9	25.8	21.0
-60°	62.5	59.0	55.3	51.0	46.6	42.0	37.3	32.4	27.7	23.0	18.9
-62.5°	57.3	53.8	49.8	45.8	41.7	37.5	33.2	28.9	24.5	20.5	16.8
-65°	51.4	47.8	44.1	40.6	36.9	33.0	29.1	25.2	21.5	17.9	14.7
-67.5°	45.0	41.8	38.6	35.4	31.9	28.5	25.0	21.7	18.4	15.3	12.9
-70°	38.4	35.7	33.0	30.0	26.9	23.9	21.0	18.1	15.3	13.2	11.0
-72.5°	31.9	29.5	27.1	24.5	22.1	19.6	17.0	14.7	13.0	11.1	9.2
-75°	25.4	23.4	21.4	19.4	17.3	15.2	13.7	12.2	10.7	9.0	7.6
-77.5°	18.9	17.4	15.9	14.6	13.2	11.9	10.8	9.7	8.4	7.2	6.1
-80°	13.0	12.2	11.2	10.3	9.4	8.6	8.0	7.3	6.4	5.4	4.5
-82.5°	7.9	7.5	7.2	6.8	6.5	6.0	5.6	5.0	4.3	3.6	3.1
-85°	5.0	4.7	4.5	4.2	3.9	3.5	3.2	3.0	2.7	2.4	2.1
-87.5°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	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: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.7	0.5	0.3	0.2	0.0
85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
77.5°	5.0	4.0	3.2	2.5	1.7	0.9	0.0
75°	6.3	5.1	3.9	3.0	2.1	1.0	0.0
72.5°	7.5	6.2	4.8	3.5	2.4	1.2	0.0
70°	8.8	7.2	5.6	4.0	2.7	1.4	0.0
67.5°	10.4	8.3	6.5	4.6	3.1	1.5	0.0
65°	12.0	9.4	7.3	5.3	3.4	1.7	0.0
62.5°	13.5	10.7	8.1	5.9	3.7	1.8	0.0
60°	15.0	11.9	8.9	6.5	4.0	2.0	0.0
57.5°	16.8	13.1	9.8	7.0	4.4	2.1	0.0
55°	18.6	14.3	10.7	7.6	4.7	2.3	0.0
52.5°	20.3	15.4	11.6	8.1	5.1	2.4	0.0
50°	21.9	16.8	12.5	8.7	5.5	2.6	0.0
47.5°	23.6	18.1	13.3	9.2	5.8	2.7	0.0
45°	25.3	19.4	14.1	9.8	6.1	2.8	0.0
42.5°	27.0	20.7	14.8	10.4	6.4	2.9	0.0
40°	28.7	21.8	15.7	10.9	6.7	3.1	0.0
37.5°	30.2	22.9	16.6	11.4	7.0	3.2	0.0
35°	31.6	24.1	17.4	11.8	7.3	3.3	0.0
32.5°	33.0	25.2	18.2	12.3	7.5	3.4	0.0
30°	34.4	26.2	18.9	12.7	7.7	3.5	0.0
27.5°	35.6	27.2	19.6	13.0	7.9	3.5	0.0
25°	36.8	28.1	20.2	13.3	8.1	3.6	0.0
22.5°	37.8	28.9	20.8	13.6	8.3	3.7	0.0
20°	38.8	29.6	21.3	13.9	8.5	3.8	0.0
17.5°	39.6	30.3	21.7	14.1	8.6	3.8	0.0
15°	40.4	30.8	22.2	14.3	8.8	3.9	0.0
12.5°	41.0	31.3	22.5	14.5	8.9	3.9	0.0
10°	41.6	31.7	22.8	14.6	8.9	3.9	0.0
7.5°	42.0	32.0	23.0	14.7	9.0	4.0	0.0
5°	42.3	32.2	23.2	14.7	9.1	4.0	0.0
2.5°	42.4	32.4	23.3	14.7	9.1	4.0	0.0
0°	42.5	32.4	23.3	14.7	9.1	4.0	0.0
-2.5°	42.4	32.4	23.3	14.7	9.1	4.0	0.0
-5°	42.3	32.2	23.2	14.7	9.1	4.0	0.0
-7.5°	42.0	32.0	23.0	14.7	9.0	4.0	0.0
-10°	41.6	31.7	22.8	14.6	8.9	3.9	0.0
-12.5°	41.0	31.3	22.5	14.5	8.9	3.9	0.0
-15°	40.4	30.8	22.2	14.3	8.8	3.9	0.0
-17.5°	39.6	30.3	21.7	14.1	8.6	3.8	0.0
-20°	38.8	29.6	21.3	13.9	8.5	3.8	0.0



REPORT NUMBER: P558600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.8	28.9	20.8	13.6	8.3	3.7	0.0
-25°	36.8	28.1	20.2	13.3	8.1	3.6	0.0
-27.5°	35.6	27.2	19.6	13.0	7.9	3.5	0.0
-30°	34.4	26.2	18.9	12.7	7.7	3.5	0.0
-32.5°	33.0	25.2	18.2	12.3	7.5	3.4	0.0
-35°	31.6	24.1	17.4	11.8	7.3	3.3	0.0
-37.5°	30.2	22.9	16.6	11.4	7.0	3.2	0.0
-40°	28.7	21.8	15.7	10.9	6.7	3.1	0.0
-42.5°	27.0	20.7	14.8	10.4	6.4	2.9	0.0
-45°	25.3	19.4	14.1	9.8	6.1	2.8	0.0
-47.5°	23.6	18.1	13.3	9.2	5.8	2.7	0.0
-50°	21.9	16.8	12.5	8.7	5.5	2.6	0.0
-52.5°	20.3	15.4	11.6	8.1	5.1	2.4	0.0
-55°	18.6	14.3	10.7	7.6	4.7	2.3	0.0
-57.5°	16.8	13.1	9.8	7.0	4.4	2.1	0.0
-60°	15.0	11.9	8.9	6.5	4.0	2.0	0.0
-62.5°	13.5	10.7	8.1	5.9	3.7	1.8	0.0
-65°	12.0	9.4	7.3	5.3	3.4	1.7	0.0
-67.5°	10.4	8.3	6.5	4.6	3.1	1.5	0.0
-70°	8.8	7.2	5.6	4.0	2.7	1.4	0.0
-72.5°	7.5	6.2	4.8	3.5	2.4	1.2	0.0
-75°	6.3	5.1	3.9	3.0	2.1	1.0	0.0
-77.5°	5.0	4.0	3.2	2.5	1.7	0.9	0.0
-80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
-82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
-85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	0.9	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)