

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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-TS-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-AMB-U-TS-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

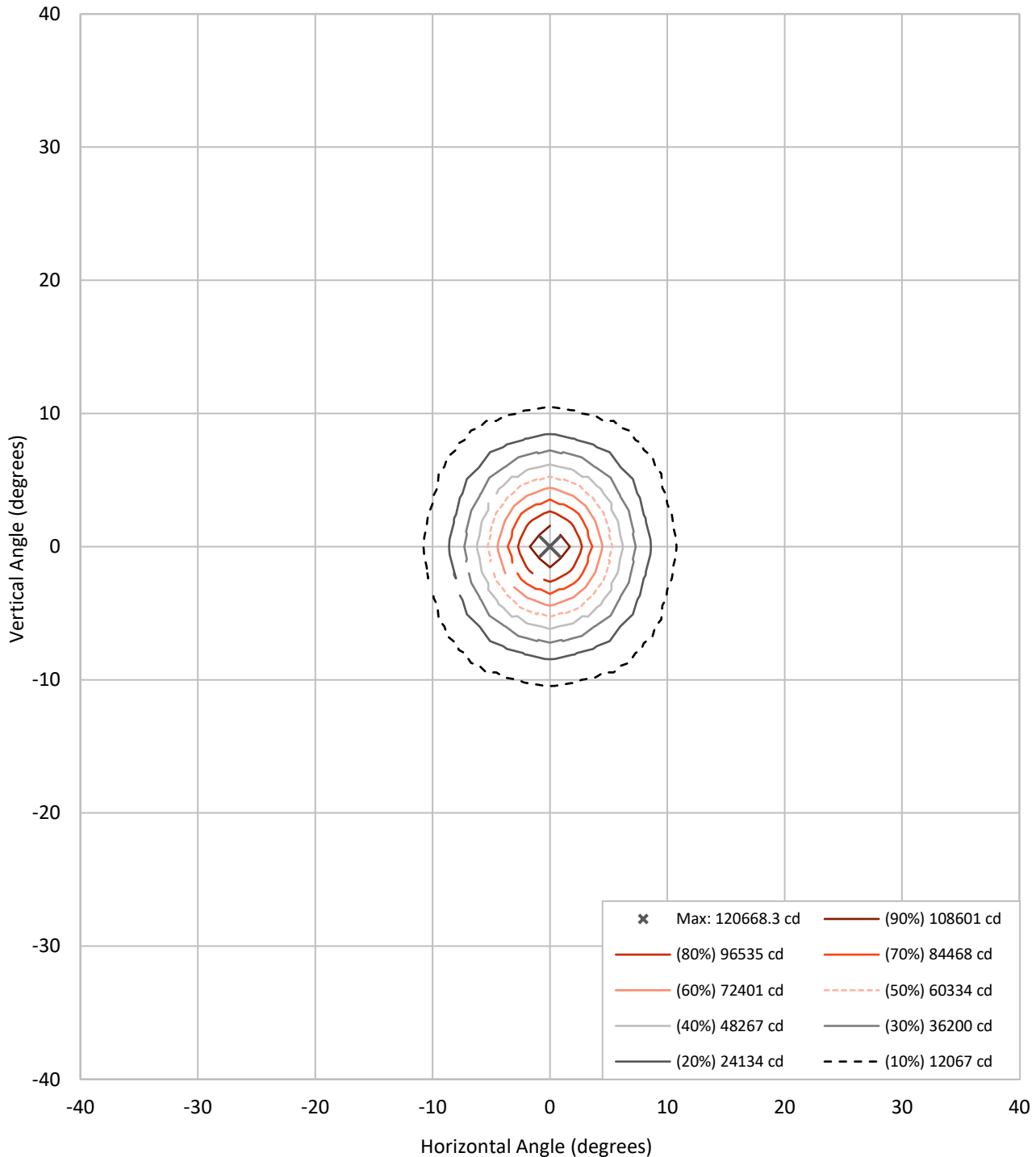
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	6504.5 lumens	Max Intensity:	120668.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	10.5°H x 10.4°V	Field Angle (10%):	21.6°H x 21°V
Beam Lumens:	1954.9 lumens	Field Lumens:	4519.3 lumens
Beam Efficiency:	30.1%	Field Efficiency:	69.5%

Input Watts (W): 118.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





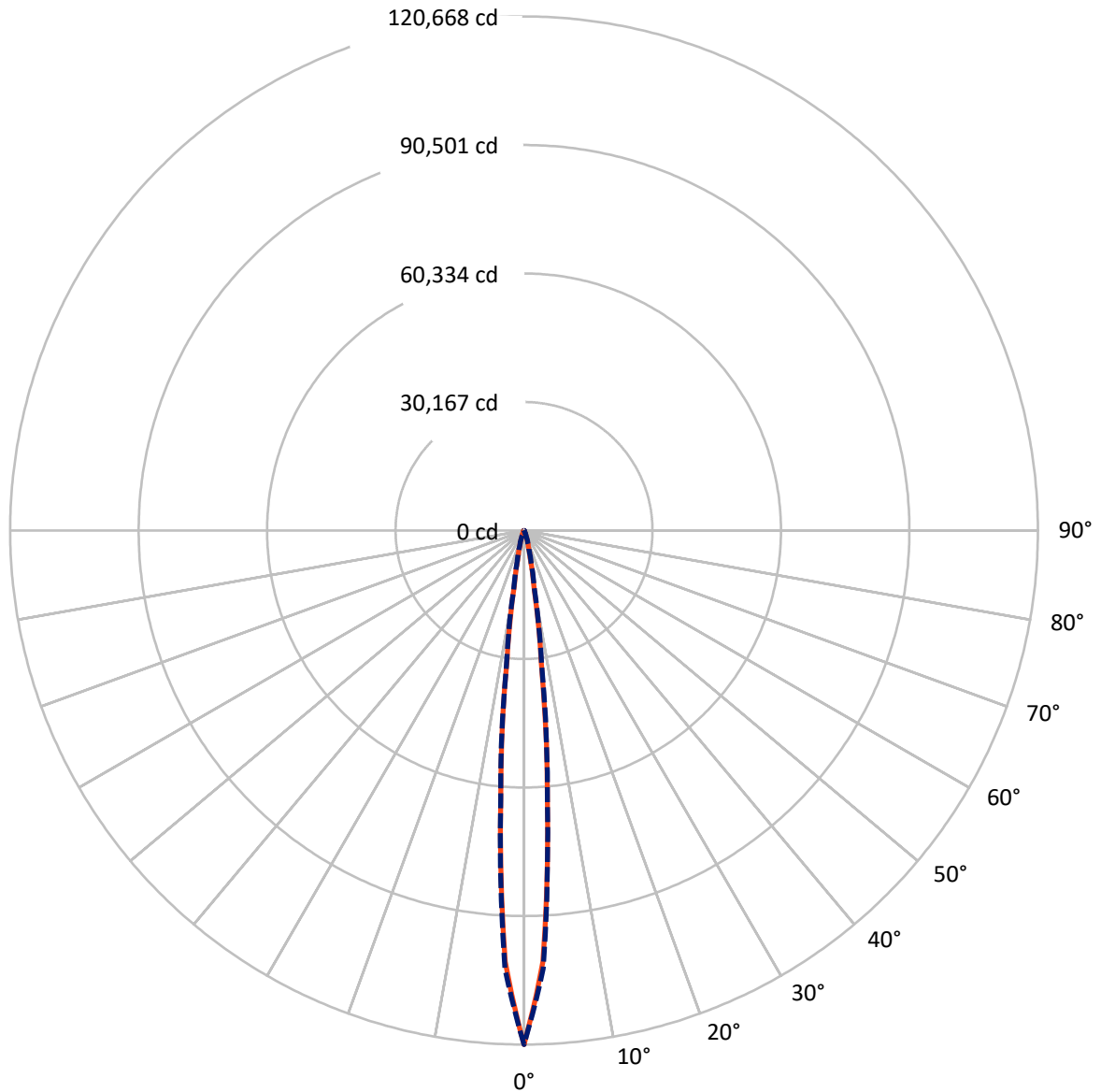
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Lumen Table

90	0.1	0.8		2.2		3.5		3.9		3.5		2.2		0.8		0.1
80	0.1	0.8		2.2		3.5		3.9		3.5		2.2		0.8		0.1
70	0.4	0.4	0.9	1.4	1.9	2.4	2.7	2.8	2.8	2.7	2.4	1.9	1.4	0.9	0.4	0.4
60		0.7	1.3	1.9	2.5	2.9	3.2	3.3	3.3	3.2	2.9	2.5	1.9	1.3	0.7	
50	0.7	0.9	1.6	2.3	2.8	3.2	3.7	4.0	4.0	3.7	3.2	2.8	2.3	1.6	0.9	0.7
40		1.0	1.8	2.4	3.1	4.2	5.5	6.3	6.3	5.5	4.2	3.1	2.4	1.8	1.0	
30	0.9	1.1	1.9	2.6	3.8	5.8	10.0	17.5	17.5	10.0	5.8	3.8	2.6	1.9	1.1	0.9
20		1.2	1.9	2.7	4.7	9.4	46.0	128.8	128.8	46.0	9.4	4.7	2.7	1.9	1.2	
10	1.0	1.2	2.0	2.9	5.1	16.8	133.4	1145.4	1145.4	133.4	16.8	5.1	2.9	2.0	1.2	1.0
0		1.2	2.0	2.9	5.1	16.8	133.4	1145.4	1145.4	133.4	16.8	5.1	2.9	2.0	1.2	
-10	0.9	1.2	1.9	2.7	4.7	9.4	46.0	128.8	128.8	46.0	9.4	4.7	2.7	1.9	1.2	0.9
-20		1.1	1.9	2.6	3.8	5.8	10.0	17.5	17.5	10.0	5.8	3.8	2.6	1.9	1.1	
-30	0.7	1.0	1.8	2.4	3.1	4.2	5.5	6.3	6.3	5.5	4.2	3.1	2.4	1.8	1.0	0.7
-40		0.9	1.6	2.3	2.8	3.2	3.7	4.0	4.0	3.7	3.2	2.8	2.3	1.6	0.9	
-50	0.4	0.7	1.3	1.9	2.5	2.9	3.2	3.3	3.3	3.2	2.9	2.5	1.9	1.3	0.7	0.4
-60		0.4	0.9	1.4	1.9	2.4	2.7	2.8	2.8	2.7	2.4	1.9	1.4	0.9	0.4	
-70	0.1	0.8		2.2		3.5		3.9		3.5		2.2		0.8		0.1
-80		0.8		2.2		3.5		3.9		3.5		2.2		0.8		
-90	0.1	0.8		2.2		3.5		3.9		3.5		2.2		0.8		0.1

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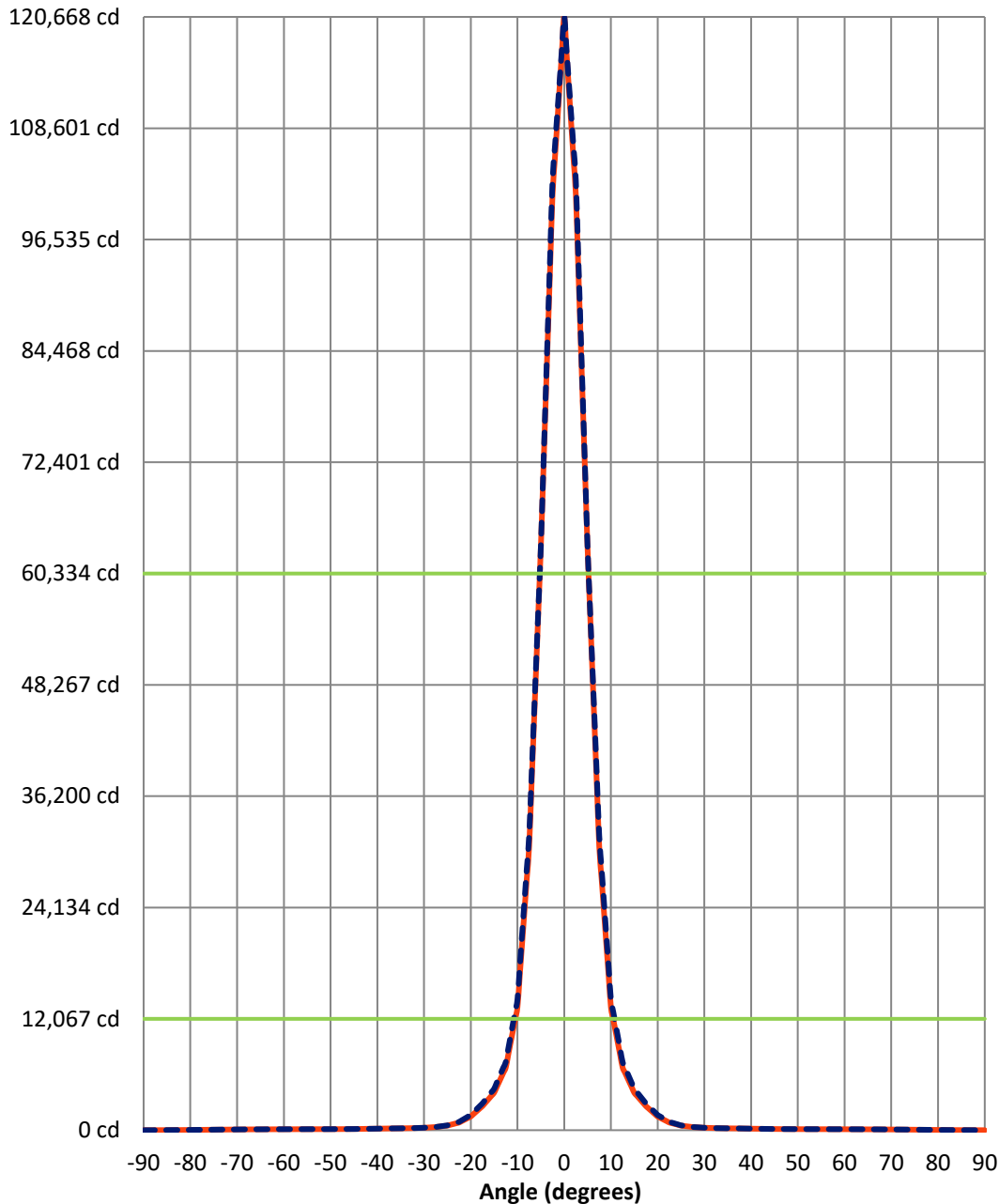
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 10.5°
 V Angle: 10.4°
 Lumens: 1954.9
 Efficiency: 30.1%

Field:
 H Angle: 21.6°
 V Angle: 21°
 Lumens: 4519.3
 Efficiency: 69.5%

Spill:
 Lumens: 1985.1
 Efficiency: 30.5%

- 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	1.0	1.2	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.1	5.0	6.0
80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.5	6.8	8.0	9.3
77.5°	0.0	0.8	1.7	2.5	3.4	4.5	6.1	7.8	9.4	11.0	12.6
75°	0.0	1.0	2.0	3.0	4.1	6.1	8.1	10.1	12.0	14.0	15.8
72.5°	0.0	1.2	2.3	3.5	5.5	7.8	10.1	12.4	14.7	16.9	19.1
70°	0.0	1.3	2.7	4.1	6.8	9.4	12.0	14.7	17.2	19.8	22.9
67.5°	0.0	1.5	3.0	5.0	8.0	11.0	14.0	16.9	19.8	23.3	26.8
65°	0.0	1.6	3.3	6.0	9.3	12.6	15.8	19.1	22.9	26.8	31.1
62.5°	0.0	1.8	3.6	6.9	10.5	14.1	17.7	21.6	25.9	30.5	36.4
60°	0.0	1.9	3.9	7.8	11.7	15.6	19.5	24.2	28.9	35.2	41.6
57.5°	0.0	2.1	4.5	8.7	12.9	17.1	21.6	26.7	32.8	39.8	46.2
55°	0.0	2.2	5.1	9.6	14.1	18.5	23.8	29.2	36.7	44.1	50.5
52.5°	0.0	2.4	5.6	10.4	15.2	20.0	25.8	32.5	40.6	47.9	54.7
50°	0.0	2.5	6.1	11.2	16.3	21.6	27.8	35.7	44.2	51.5	59.3
47.5°	0.0	2.6	6.7	12.0	17.3	23.3	29.9	38.7	47.4	55.0	63.8
45°	0.0	2.8	7.2	12.7	18.3	24.8	32.3	41.6	50.3	58.9	68.2
42.5°	0.0	2.9	7.6	13.5	19.2	26.3	34.6	44.2	53.2	62.7	71.8
40°	0.0	3.0	8.1	14.1	20.3	27.7	36.8	46.7	56.1	66.3	75.2
37.5°	0.0	3.1	8.5	14.8	21.3	29.1	38.9	49.0	59.0	69.5	78.6
35°	0.0	3.2	8.9	15.4	22.4	30.5	40.7	51.3	61.8	72.1	81.5
32.5°	0.0	3.3	9.3	16.0	23.3	32.0	42.5	53.5	64.2	74.6	83.3
30°	0.0	3.4	9.7	16.5	24.2	33.4	44.2	55.6	66.5	77.0	85.1
27.5°	0.0	3.5	10.0	17.0	25.0	34.6	45.8	57.4	68.5	79.1	86.9
25°	0.0	3.5	10.3	17.5	25.8	35.7	47.4	59.1	70.3	80.7	88.6
22.5°	0.0	3.6	10.6	17.9	26.5	36.8	48.7	60.6	71.8	82.0	90.0
20°	0.0	3.7	10.8	18.3	27.1	37.9	50.0	61.9	73.2	83.3	91.3
17.5°	0.0	3.7	11.1	18.6	27.7	38.9	51.2	63.0	74.4	84.4	92.5
15°	0.0	3.8	11.3	18.9	28.2	39.8	52.3	64.1	75.4	85.4	93.5
12.5°	0.0	3.8	11.4	19.1	28.6	40.7	53.2	65.2	76.4	86.3	94.4
10°	0.0	3.8	11.6	19.3	28.9	41.4	53.9	66.2	77.3	87.1	95.1
7.5°	0.0	3.9	11.7	19.5	29.2	42.1	54.4	67.1	77.9	87.7	95.7
5°	0.0	3.9	11.7	19.6	29.3	42.6	54.8	67.8	78.4	88.1	96.1
2.5°	0.0	3.9	11.8	19.7	29.5	43.0	55.0	68.4	78.6	88.4	96.3
0°	0.0	3.9	11.8	19.7	29.5	43.3	55.1	68.8	78.7	88.5	96.4
-2.5°	0.0	3.9	11.8	19.7	29.5	43.0	55.0	68.4	78.6	88.4	96.3
-5°	0.0	3.9	11.7	19.6	29.3	42.6	54.8	67.8	78.4	88.1	96.1
-7.5°	0.0	3.9	11.7	19.5	29.2	42.1	54.4	67.1	77.9	87.7	95.7
-10°	0.0	3.8	11.6	19.3	28.9	41.4	53.9	66.2	77.3	87.1	95.1
-12.5°	0.0	3.8	11.4	19.1	28.6	40.7	53.2	65.2	76.4	86.3	94.4
-15°	0.0	3.8	11.3	18.9	28.2	39.8	52.3	64.1	75.4	85.4	93.5
-17.5°	0.0	3.7	11.1	18.6	27.7	38.9	51.2	63.0	74.4	84.4	92.5
-20°	0.0	3.7	10.8	18.3	27.1	37.9	50.0	61.9	73.2	83.3	91.3



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	10.6	17.9	26.5	36.8	48.7	60.6	71.8	82.0	90.0
-25°	0.0	3.5	10.3	17.5	25.8	35.7	47.4	59.1	70.3	80.7	88.6
-27.5°	0.0	3.5	10.0	17.0	25.0	34.6	45.8	57.4	68.5	79.1	86.9
-30°	0.0	3.4	9.7	16.5	24.2	33.4	44.2	55.6	66.5	77.0	85.1
-32.5°	0.0	3.3	9.3	16.0	23.3	32.0	42.5	53.5	64.2	74.6	83.3
-35°	0.0	3.2	8.9	15.4	22.4	30.5	40.7	51.3	61.8	72.1	81.5
-37.5°	0.0	3.1	8.5	14.8	21.3	29.1	38.9	49.0	59.0	69.5	78.6
-40°	0.0	3.0	8.1	14.1	20.3	27.7	36.8	46.7	56.1	66.3	75.2
-42.5°	0.0	2.9	7.6	13.5	19.2	26.3	34.6	44.2	53.2	62.7	71.8
-45°	0.0	2.8	7.2	12.7	18.3	24.8	32.3	41.6	50.3	58.9	68.2
-47.5°	0.0	2.6	6.7	12.0	17.3	23.3	29.9	38.7	47.4	55.0	63.8
-50°	0.0	2.5	6.1	11.2	16.3	21.6	27.8	35.7	44.2	51.5	59.3
-52.5°	0.0	2.4	5.6	10.4	15.2	20.0	25.8	32.5	40.6	47.9	54.7
-55°	0.0	2.2	5.1	9.6	14.1	18.5	23.8	29.2	36.7	44.1	50.5
-57.5°	0.0	2.1	4.5	8.7	12.9	17.1	21.6	26.7	32.8	39.8	46.2
-60°	0.0	1.9	3.9	7.8	11.7	15.6	19.5	24.2	28.9	35.2	41.6
-62.5°	0.0	1.8	3.6	6.9	10.5	14.1	17.7	21.6	25.9	30.5	36.4
-65°	0.0	1.6	3.3	6.0	9.3	12.6	15.8	19.1	22.9	26.8	31.1
-67.5°	0.0	1.5	3.0	5.0	8.0	11.0	14.0	16.9	19.8	23.3	26.8
-70°	0.0	1.3	2.7	4.1	6.8	9.4	12.0	14.7	17.2	19.8	22.9
-72.5°	0.0	1.2	2.3	3.5	5.5	7.8	10.1	12.4	14.7	16.9	19.1
-75°	0.0	1.0	2.0	3.0	4.1	6.1	8.1	10.1	12.0	14.0	15.8
-77.5°	0.0	0.8	1.7	2.5	3.4	4.5	6.1	7.8	9.4	11.0	12.6
-80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.5	6.8	8.0	9.3
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.1	5.0	6.0
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
85°	3.6	3.9	4.4	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4
82.5°	6.7	7.3	7.8	8.2	8.8	9.4	10.0	11.0	11.9	12.7	13.5
80°	10.2	10.8	11.7	12.7	14.0	15.4	16.7	17.9	19.1	20.4	21.7
77.5°	13.9	15.2	16.7	18.3	20.0	22.0	24.0	25.9	27.6	29.3	31.0
75°	17.6	19.5	21.9	24.5	27.1	29.5	31.8	34.1	36.2	38.3	40.2
72.5°	21.6	24.6	27.7	30.9	34.1	36.9	39.6	42.2	44.8	47.4	50.1
70°	26.1	29.6	33.7	37.5	41.0	44.3	47.6	50.6	53.4	56.6	59.4
67.5°	30.6	35.6	40.1	44.3	48.6	52.5	55.9	58.8	61.7	64.9	67.7
65°	36.4	41.7	46.5	51.4	56.5	60.2	63.6	66.9	69.5	72.6	75.9
62.5°	42.3	47.4	52.7	58.2	63.2	67.4	70.7	73.7	76.5	79.8	82.9
60°	47.3	52.9	58.9	64.6	69.7	73.5	77.0	80.1	83.3	86.6	88.7
57.5°	52.1	58.4	65.0	70.6	75.1	79.3	82.5	86.0	88.7	90.9	93.1
55°	57.1	64.2	70.6	75.6	80.2	83.9	87.5	90.6	93.1	95.1	97.7
52.5°	62.4	69.7	75.1	80.3	84.7	88.5	92.0	94.9	97.2	99.4	101.7
50°	67.5	73.9	79.5	84.7	89.0	92.6	96.1	98.7	101.2	103.6	105.3
47.5°	71.7	78.0	83.7	88.8	92.5	96.3	99.7	102.5	105.2	106.5	108.1
45°	75.6	81.9	87.8	91.8	95.8	99.9	103.0	106.1	107.1	108.5	109.8
42.5°	79.4	85.4	90.6	94.5	99.4	102.9	105.9	107.4	108.8	110.6	111.5
40°	82.4	88.6	93.2	97.9	102.5	105.3	107.6	109.1	111.1	112.4	113.1
37.5°	85.1	90.9	95.8	101.0	104.4	107.1	109.3	111.5	113.0	113.8	115.0
35°	87.6	93.4	98.5	103.1	106.1	108.9	111.4	113.4	114.4	115.3	117.3
32.5°	89.8	95.8	100.8	104.5	107.6	110.7	113.4	114.7	115.8	117.1	120.8
30°	91.9	97.8	102.7	105.9	109.1	112.3	114.7	116.0	117.1	120.1	125.5
27.5°	93.8	99.5	103.8	107.1	110.5	113.7	115.6	117.1	119.1	123.2	130.7
25°	95.6	101.0	104.9	108.3	111.7	114.6	116.3	117.9	121.1	127.8	137.9
22.5°	97.0	102.3	105.8	109.4	112.9	115.2	117.0	119.3	123.6	132.0	145.2
20°	98.1	103.1	106.7	110.4	113.9	115.8	117.6	120.6	126.8	138.0	154.1
17.5°	99.1	103.8	107.5	111.1	114.1	116.2	118.2	121.8	129.4	143.7	163.2
15°	99.9	104.5	108.2	111.6	114.2	116.4	119.1	123.7	132.8	149.6	171.4
12.5°	100.6	105.0	108.8	111.8	114.2	116.7	119.6	125.3	137.0	155.9	179.4
10°	101.2	105.4	109.3	111.9	114.1	117.1	119.9	126.7	140.3	160.0	184.5
7.5°	101.7	105.8	109.6	111.9	113.9	117.4	119.9	128.0	142.7	162.6	186.9
5°	102.0	106.0	109.3	111.9	114.0	117.4	120.0	128.9	144.2	163.7	187.5
2.5°	102.2	106.2	108.8	112.1	114.1	116.8	121.0	129.6	145.2	164.7	188.1
0°	102.3	106.2	108.2	112.1	114.1	116.1	122.0	129.8	145.6	165.2	188.8
-2.5°	102.2	106.2	108.8	112.1	114.1	116.8	121.0	129.6	145.2	164.7	188.1
-5°	102.0	106.0	109.3	111.9	114.0	117.4	120.0	128.9	144.2	163.7	187.5
-7.5°	101.7	105.8	109.6	111.9	113.9	117.4	119.9	128.0	142.7	162.6	186.9
-10°	101.2	105.4	109.3	111.9	114.1	117.1	119.9	126.7	140.3	160.0	184.5
-12.5°	100.6	105.0	108.8	111.8	114.2	116.7	119.6	125.3	137.0	155.9	179.4
-15°	99.9	104.5	108.2	111.6	114.2	116.4	119.1	123.7	132.8	149.6	171.4
-17.5°	99.1	103.8	107.5	111.1	114.1	116.2	118.2	121.8	129.4	143.7	163.2
-20°	98.1	103.1	106.7	110.4	113.9	115.8	117.6	120.6	126.8	138.0	154.1



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	97.0	102.3	105.8	109.4	112.9	115.2	117.0	119.3	123.6	132.0	145.2
-25°	95.6	101.0	104.9	108.3	111.7	114.6	116.3	117.9	121.1	127.8	137.9
-27.5°	93.8	99.5	103.8	107.1	110.5	113.7	115.6	117.1	119.1	123.2	130.7
-30°	91.9	97.8	102.7	105.9	109.1	112.3	114.7	116.0	117.1	120.1	125.5
-32.5°	89.8	95.8	100.8	104.5	107.6	110.7	113.4	114.7	115.8	117.1	120.8
-35°	87.6	93.4	98.5	103.1	106.1	108.9	111.4	113.4	114.4	115.3	117.3
-37.5°	85.1	90.9	95.8	101.0	104.4	107.1	109.3	111.5	113.0	113.8	115.0
-40°	82.4	88.6	93.2	97.9	102.5	105.3	107.6	109.1	111.1	112.4	113.1
-42.5°	79.4	85.4	90.6	94.5	99.4	102.9	105.9	107.4	108.8	110.6	111.5
-45°	75.6	81.9	87.8	91.8	95.8	99.9	103.0	106.1	107.1	108.5	109.8
-47.5°	71.7	78.0	83.7	88.8	92.5	96.3	99.7	102.5	105.2	106.5	108.1
-50°	67.5	73.9	79.5	84.7	89.0	92.6	96.1	98.7	101.2	103.6	105.3
-52.5°	62.4	69.7	75.1	80.3	84.7	88.5	92.0	94.9	97.2	99.4	101.7
-55°	57.1	64.2	70.6	75.6	80.2	83.9	87.5	90.6	93.1	95.1	97.7
-57.5°	52.1	58.4	65.0	70.6	75.1	79.3	82.5	86.0	88.7	90.9	93.1
-60°	47.3	52.9	58.9	64.6	69.7	73.5	77.0	80.1	83.3	86.6	88.7
-62.5°	42.3	47.4	52.7	58.2	63.2	67.4	70.7	73.7	76.5	79.8	82.9
-65°	36.4	41.7	46.5	51.4	56.5	60.2	63.6	66.9	69.5	72.6	75.9
-67.5°	30.6	35.6	40.1	44.3	48.6	52.5	55.9	58.8	61.7	64.9	67.7
-70°	26.1	29.6	33.7	37.5	41.0	44.3	47.6	50.6	53.4	56.6	59.4
-72.5°	21.6	24.6	27.7	30.9	34.1	36.9	39.6	42.2	44.8	47.4	50.1
-75°	17.6	19.5	21.9	24.5	27.1	29.5	31.8	34.1	36.2	38.3	40.2
-77.5°	13.9	15.2	16.7	18.3	20.0	22.0	24.0	25.9	27.6	29.3	31.0
-80°	10.2	10.8	11.7	12.7	14.0	15.4	16.7	17.9	19.1	20.4	21.7
-82.5°	6.7	7.3	7.8	8.2	8.8	9.4	10.0	11.0	11.9	12.7	13.5
-85°	3.6	3.9	4.4	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4
-87.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
-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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
85°	7.7	7.9	8.2	8.5	8.7	8.9	9.1	9.3	9.4	9.5	9.6
82.5°	14.3	15.0	15.7	16.3	16.9	17.4	17.9	18.3	18.7	18.5	18.3
80°	22.9	23.9	24.7	25.3	25.8	26.5	27.1	27.7	28.2	28.5	28.8
77.5°	32.5	33.6	34.4	35.2	35.8	36.7	37.7	38.5	39.3	39.9	40.4
75°	42.1	43.6	45.0	46.2	47.3	48.7	50.0	51.2	52.2	53.1	53.8
72.5°	52.8	55.1	56.7	57.9	59.1	60.4	61.8	63.0	64.0	64.9	65.6
70°	61.9	63.9	65.8	67.7	69.5	71.2	72.8	74.2	75.4	76.1	76.4
67.5°	70.4	73.2	75.7	78.0	79.6	80.9	82.1	83.1	84.1	84.8	85.3
65°	79.0	81.5	83.3	85.1	86.7	88.1	89.4	90.6	91.6	92.4	93.1
62.5°	85.7	87.6	89.3	91.1	93.1	95.0	96.1	97.1	97.9	98.5	98.6
60°	90.6	92.4	94.7	97.0	98.9	100.3	101.1	101.9	102.5	102.9	102.8
57.5°	95.6	98.3	100.7	101.8	102.9	103.9	104.8	105.6	106.3	106.8	106.7
55°	100.3	102.4	104.0	105.2	106.4	107.4	108.4	109.0	109.4	109.5	109.1
52.5°	104.1	105.7	107.1	108.5	109.7	110.9	111.9	111.9	111.7	111.4	111.1
50°	107.1	108.6	110.1	111.7	112.6	113.2	113.8	113.8	113.7	113.4	113.1
47.5°	109.2	110.7	112.2	113.5	114.3	115.0	115.6	115.9	116.2	116.4	116.7
45°	110.6	112.0	113.6	115.1	116.0	117.3	118.7	119.7	121.4	123.1	124.5
42.5°	112.0	113.8	115.7	117.4	119.1	121.7	125.3	128.5	132.2	136.4	140.1
40°	114.5	116.5	118.5	121.2	125.8	130.2	137.2	143.5	149.6	156.1	161.4
37.5°	117.1	119.4	123.5	128.7	136.7	144.9	153.2	162.3	171.3	178.9	186.9
35°	120.4	125.3	131.2	141.1	150.6	159.4	169.6	180.8	191.1	199.1	206.0
32.5°	126.2	133.1	143.5	154.1	164.1	175.5	186.7	196.3	203.7	211.6	219.2
30°	132.9	143.7	155.2	166.9	180.0	191.2	200.7	210.5	219.9	229.8	242.2
27.5°	141.9	154.1	166.9	181.6	193.2	203.5	215.1	229.0	248.7	263.8	286.9
25°	151.0	164.9	180.0	193.7	204.8	216.0	237.8	263.9	295.9	335.9	381.1
22.5°	161.9	177.9	192.1	204.6	217.7	240.7	272.6	322.0	383.2	468.9	580.6
20°	173.4	190.2	202.0	216.0	238.7	272.1	332.1	418.8	550.4	743.5	933.6
17.5°	183.6	198.4	210.6	227.8	262.0	320.5	419.3	594.6	837.2	1223.2	1585.9
15°	193.6	205.3	217.9	246.7	293.4	386.4	559.0	845.9	1335.1	1922.4	2634.2
12.5°	200.4	211.5	226.7	263.0	335.9	475.1	760.9	1247.1	1942.6	2961.8	3930.1
10°	204.0	216.8	239.5	285.8	385.0	595.5	965.4	1634.7	2720.8	4073.1	5651.2
7.5°	204.7	220.1	249.5	308.4	432.9	718.0	1244.2	2101.1	3432.8	5140.3	7716.2
5°	205.3	223.2	257.3	327.7	480.8	812.2	1447.8	2494.4	3987.6	6133.4	10300.8
2.5°	204.9	224.7	262.2	342.5	511.0	879.3	1589.4	2766.8	4334.3	6966.4	12918.7
0°	202.6	222.3	263.6	348.2	523.2	900.9	1648.4	2901.4	4481.0	7392.2	14182.6
-2.5°	204.9	224.7	262.2	342.5	511.0	879.3	1589.4	2766.8	4334.3	6966.4	12918.7
-5°	205.3	223.2	257.3	327.7	480.8	812.2	1447.8	2494.4	3987.6	6133.4	10300.8
-7.5°	204.7	220.1	249.5	308.4	432.9	718.0	1244.2	2101.1	3432.8	5140.3	7716.2
-10°	204.0	216.8	239.5	285.8	385.0	595.5	965.4	1634.7	2720.8	4073.1	5651.2
-12.5°	200.4	211.5	226.7	263.0	335.9	475.1	760.9	1247.1	1942.6	2961.8	3930.1
-15°	193.6	205.3	217.9	246.7	293.4	386.4	559.0	845.9	1335.1	1922.4	2634.2
-17.5°	183.6	198.4	210.6	227.8	262.0	320.5	419.3	594.6	837.2	1223.2	1585.9
-20°	173.4	190.2	202.0	216.0	238.7	272.1	332.1	418.8	550.4	743.5	933.6



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	161.9	177.9	192.1	204.6	217.7	240.7	272.6	322.0	383.2	468.9	580.6
-25°	151.0	164.9	180.0	193.7	204.8	216.0	237.8	263.9	295.9	335.9	381.1
-27.5°	141.9	154.1	166.9	181.6	193.2	203.5	215.1	229.0	248.7	263.8	286.9
-30°	132.9	143.7	155.2	166.9	180.0	191.2	200.7	210.5	219.9	229.8	242.2
-32.5°	126.2	133.1	143.5	154.1	164.1	175.5	186.7	196.3	203.7	211.6	219.2
-35°	120.4	125.3	131.2	141.1	150.6	159.4	169.6	180.8	191.1	199.1	206.0
-37.5°	117.1	119.4	123.5	128.7	136.7	144.9	153.2	162.3	171.3	178.9	186.9
-40°	114.5	116.5	118.5	121.2	125.8	130.2	137.2	143.5	149.6	156.1	161.4
-42.5°	112.0	113.8	115.7	117.4	119.1	121.7	125.3	128.5	132.2	136.4	140.1
-45°	110.6	112.0	113.6	115.1	116.0	117.3	118.7	119.7	121.4	123.1	124.5
-47.5°	109.2	110.7	112.2	113.5	114.3	115.0	115.6	115.9	116.2	116.4	116.7
-50°	107.1	108.6	110.1	111.7	112.6	113.2	113.8	113.8	113.7	113.4	113.1
-52.5°	104.1	105.7	107.1	108.5	109.7	110.9	111.9	111.9	111.7	111.4	111.1
-55°	100.3	102.4	104.0	105.2	106.4	107.4	108.4	109.0	109.4	109.5	109.1
-57.5°	95.6	98.3	100.7	101.8	102.9	103.9	104.8	105.6	106.3	106.8	106.7
-60°	90.6	92.4	94.7	97.0	98.9	100.3	101.1	101.9	102.5	102.9	102.8
-62.5°	85.7	87.6	89.3	91.1	93.1	95.0	96.1	97.1	97.9	98.5	98.6
-65°	79.0	81.5	83.3	85.1	86.7	88.1	89.4	90.6	91.6	92.4	93.1
-67.5°	70.4	73.2	75.7	78.0	79.6	80.9	82.1	83.1	84.1	84.8	85.3
-70°	61.9	63.9	65.8	67.7	69.5	71.2	72.8	74.2	75.4	76.1	76.4
-72.5°	52.8	55.1	56.7	57.9	59.1	60.4	61.8	63.0	64.0	64.9	65.6
-75°	42.1	43.6	45.0	46.2	47.3	48.7	50.0	51.2	52.2	53.1	53.8
-77.5°	32.5	33.6	34.4	35.2	35.8	36.7	37.7	38.5	39.3	39.9	40.4
-80°	22.9	23.9	24.7	25.3	25.8	26.5	27.1	27.7	28.2	28.5	28.8
-82.5°	14.3	15.0	15.7	16.3	16.9	17.4	17.9	18.3	18.7	18.5	18.3
-85°	7.7	7.9	8.2	8.5	8.7	8.9	9.1	9.3	9.4	9.5	9.6
-87.5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
-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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
85°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.5	9.4	9.3
82.5°	18.0	17.6	17.7	17.7	17.7	17.6	18.0	18.3	18.5	18.7	18.3
80°	29.1	29.3	29.5	29.5	29.5	29.3	29.1	28.8	28.5	28.2	27.7
77.5°	40.8	41.1	41.2	41.3	41.2	41.1	40.8	40.4	39.9	39.3	38.5
75°	54.4	54.8	54.1	53.1	54.1	54.8	54.4	53.8	53.1	52.2	51.2
72.5°	66.2	66.6	66.8	66.9	66.8	66.6	66.2	65.6	64.9	64.0	63.0
70°	76.6	76.5	76.6	76.7	76.6	76.5	76.6	76.4	76.1	75.4	74.2
67.5°	85.8	86.2	86.5	86.6	86.5	86.2	85.8	85.3	84.8	84.1	83.1
65°	93.7	94.1	93.5	92.5	93.5	94.1	93.7	93.1	92.4	91.6	90.6
62.5°	98.6	98.3	98.3	98.4	98.3	98.3	98.6	98.6	98.5	97.9	97.1
60°	102.6	102.3	102.3	102.3	102.3	102.3	102.6	102.8	102.9	102.5	101.9
57.5°	106.5	106.2	106.1	106.2	106.1	106.2	106.5	106.7	106.8	106.3	105.6
55°	108.8	108.3	108.2	108.2	108.2	108.3	108.8	109.1	109.5	109.4	109.0
52.5°	110.7	110.3	110.2	110.2	110.2	110.3	110.7	111.1	111.4	111.7	111.9
50°	112.7	112.3	112.1	112.1	112.1	112.3	112.7	113.1	113.4	113.7	113.8
47.5°	117.1	117.6	117.9	118.0	117.9	117.6	117.1	116.7	116.4	116.2	115.9
45°	126.0	127.0	127.7	127.9	127.7	127.0	126.0	124.5	123.1	121.4	119.7
42.5°	143.3	145.6	147.0	147.5	147.0	145.6	143.3	140.1	136.4	132.2	128.5
40°	164.6	166.1	166.7	167.2	166.7	166.1	164.6	161.4	156.1	149.6	143.5
37.5°	190.4	189.8	188.2	188.8	188.2	189.8	190.4	186.9	178.9	171.3	162.3
35°	208.7	207.4	205.5	202.6	205.5	207.4	208.7	206.0	199.1	191.1	180.8
32.5°	223.5	224.7	225.4	224.2	225.4	224.7	223.5	219.2	211.6	203.7	196.3
30°	251.7	258.1	262.2	263.6	262.2	258.1	251.7	242.2	229.8	219.9	210.5
27.5°	308.5	325.5	337.8	342.3	337.8	325.5	308.5	286.9	263.8	248.7	229.0
25°	425.9	467.8	491.1	495.7	491.1	467.8	425.9	381.1	335.9	295.9	263.9
22.5°	693.3	771.5	816.4	828.1	816.4	771.5	693.3	580.6	468.9	383.2	322.0
20°	1189.3	1366.0	1458.9	1479.2	1458.9	1366.0	1189.3	933.6	743.5	550.4	418.8
17.5°	1996.1	2341.3	2536.6	2603.4	2536.6	2341.3	1996.1	1585.9	1223.2	837.2	594.6
15°	3225.5	3691.2	4010.4	4054.1	4010.4	3691.2	3225.5	2634.2	1922.4	1335.1	845.9
12.5°	4835.9	5765.5	6521.0	6792.3	6521.0	5765.5	4835.9	3930.1	2961.8	1942.6	1247.1
10°	7400.3	9920.4	12471.9	13317.1	12471.9	9920.4	7400.3	5651.2	4073.1	2720.8	1634.7
7.5°	12218.0	19270.9	27128.6	30757.2	27128.6	19270.9	12218.0	7716.2	5140.3	3432.8	2101.1
5°	18829.6	36150.9	54846.0	63084.1	54846.0	36150.9	18829.6	10300.8	6133.4	3987.6	2494.4
2.5°	27183.5	54893.4	87500.9	101342.8	87500.9	54893.4	27183.5	12918.7	6966.4	4334.3	2766.8
0°	31946.3	63172.7	102934.2	120668.3	102934.2	63172.7	31946.3	14182.6	7392.2	4481.0	2901.4
-2.5°	27183.5	54893.4	87500.9	101342.8	87500.9	54893.4	27183.5	12918.7	6966.4	4334.3	2766.8
-5°	18829.6	36150.9	54846.0	63084.1	54846.0	36150.9	18829.6	10300.8	6133.4	3987.6	2494.4
-7.5°	12218.0	19270.9	27128.6	30757.2	27128.6	19270.9	12218.0	7716.2	5140.3	3432.8	2101.1
-10°	7400.3	9920.4	12471.9	13317.1	12471.9	9920.4	7400.3	5651.2	4073.1	2720.8	1634.7
-12.5°	4835.9	5765.5	6521.0	6792.3	6521.0	5765.5	4835.9	3930.1	2961.8	1942.6	1247.1
-15°	3225.5	3691.2	4010.4	4054.1	4010.4	3691.2	3225.5	2634.2	1922.4	1335.1	845.9
-17.5°	1996.1	2341.3	2536.6	2603.4	2536.6	2341.3	1996.1	1585.9	1223.2	837.2	594.6
-20°	1189.3	1366.0	1458.9	1479.2	1458.9	1366.0	1189.3	933.6	743.5	550.4	418.8



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	693.3	771.5	816.4	828.1	816.4	771.5	693.3	580.6	468.9	383.2	322.0
-25°	425.9	467.8	491.1	495.7	491.1	467.8	425.9	381.1	335.9	295.9	263.9
-27.5°	308.5	325.5	337.8	342.3	337.8	325.5	308.5	286.9	263.8	248.7	229.0
-30°	251.7	258.1	262.2	263.6	262.2	258.1	251.7	242.2	229.8	219.9	210.5
-32.5°	223.5	224.7	225.4	224.2	225.4	224.7	223.5	219.2	211.6	203.7	196.3
-35°	208.7	207.4	205.5	202.6	205.5	207.4	208.7	206.0	199.1	191.1	180.8
-37.5°	190.4	189.8	188.2	188.8	188.2	189.8	190.4	186.9	178.9	171.3	162.3
-40°	164.6	166.1	166.7	167.2	166.7	166.1	164.6	161.4	156.1	149.6	143.5
-42.5°	143.3	145.6	147.0	147.5	147.0	145.6	143.3	140.1	136.4	132.2	128.5
-45°	126.0	127.0	127.7	127.9	127.7	127.0	126.0	124.5	123.1	121.4	119.7
-47.5°	117.1	117.6	117.9	118.0	117.9	117.6	117.1	116.7	116.4	116.2	115.9
-50°	112.7	112.3	112.1	112.1	112.1	112.3	112.7	113.1	113.4	113.7	113.8
-52.5°	110.7	110.3	110.2	110.2	110.2	110.3	110.7	111.1	111.4	111.7	111.9
-55°	108.8	108.3	108.2	108.2	108.2	108.3	108.8	109.1	109.5	109.4	109.0
-57.5°	106.5	106.2	106.1	106.2	106.1	106.2	106.5	106.7	106.8	106.3	105.6
-60°	102.6	102.3	102.3	102.3	102.3	102.3	102.6	102.8	102.9	102.5	101.9
-62.5°	98.6	98.3	98.3	98.4	98.3	98.3	98.6	98.6	98.5	97.9	97.1
-65°	93.7	94.1	93.5	92.5	93.5	94.1	93.7	93.1	92.4	91.6	90.6
-67.5°	85.8	86.2	86.5	86.6	86.5	86.2	85.8	85.3	84.8	84.1	83.1
-70°	76.6	76.5	76.6	76.7	76.6	76.5	76.6	76.4	76.1	75.4	74.2
-72.5°	66.2	66.6	66.8	66.9	66.8	66.6	66.2	65.6	64.9	64.0	63.0
-75°	54.4	54.8	54.1	53.1	54.1	54.8	54.4	53.8	53.1	52.2	51.2
-77.5°	40.8	41.1	41.2	41.3	41.2	41.1	40.8	40.4	39.9	39.3	38.5
-80°	29.1	29.3	29.5	29.5	29.5	29.3	29.1	28.8	28.5	28.2	27.7
-82.5°	18.0	17.6	17.7	17.7	17.7	17.6	18.0	18.3	18.5	18.7	18.3
-85°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.5	9.4	9.3
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
85°	9.1	8.9	8.7	8.5	8.2	7.9	7.7	7.4	7.0	6.7	6.3
82.5°	17.9	17.4	16.9	16.3	15.7	15.0	14.3	13.5	12.7	11.9	11.0
80°	27.1	26.5	25.8	25.3	24.7	23.9	22.9	21.7	20.4	19.1	17.9
77.5°	37.7	36.7	35.8	35.2	34.4	33.6	32.5	31.0	29.3	27.6	25.9
75°	50.0	48.7	47.3	46.2	45.0	43.6	42.1	40.2	38.3	36.2	34.1
72.5°	61.8	60.4	59.1	57.9	56.7	55.1	52.8	50.1	47.4	44.8	42.2
70°	72.8	71.2	69.5	67.7	65.8	63.9	61.9	59.4	56.6	53.4	50.6
67.5°	82.1	80.9	79.6	78.0	75.7	73.2	70.4	67.7	64.9	61.7	58.8
65°	89.4	88.1	86.7	85.1	83.3	81.5	79.0	75.9	72.6	69.5	66.9
62.5°	96.1	95.0	93.1	91.1	89.3	87.6	85.7	82.9	79.8	76.5	73.7
60°	101.1	100.3	98.9	97.0	94.7	92.4	90.6	88.7	86.6	83.3	80.1
57.5°	104.8	103.9	102.9	101.8	100.7	98.3	95.6	93.1	90.9	88.7	86.0
55°	108.4	107.4	106.4	105.2	104.0	102.4	100.3	97.7	95.1	93.1	90.6
52.5°	111.9	110.9	109.7	108.5	107.1	105.7	104.1	101.7	99.4	97.2	94.9
50°	113.8	113.2	112.6	111.7	110.1	108.6	107.1	105.3	103.6	101.2	98.7
47.5°	115.6	115.0	114.3	113.5	112.2	110.7	109.2	108.1	106.5	105.2	102.5
45°	118.7	117.3	116.0	115.1	113.6	112.0	110.6	109.8	108.5	107.1	106.1
42.5°	125.3	121.7	119.1	117.4	115.7	113.8	112.0	111.5	110.6	108.8	107.4
40°	137.2	130.2	125.8	121.2	118.5	116.5	114.5	113.1	112.4	111.1	109.1
37.5°	153.2	144.9	136.7	128.7	123.5	119.4	117.1	115.0	113.8	113.0	111.5
35°	169.6	159.4	150.6	141.1	131.2	125.3	120.4	117.3	115.3	114.4	113.4
32.5°	186.7	175.5	164.1	154.1	143.5	133.1	126.2	120.8	117.1	115.8	114.7
30°	200.7	191.2	180.0	166.9	155.2	143.7	132.9	125.5	120.1	117.1	116.0
27.5°	215.1	203.5	193.2	181.6	166.9	154.1	141.9	130.7	123.2	119.1	117.1
25°	237.8	216.0	204.8	193.7	180.0	164.9	151.0	137.9	127.8	121.1	117.9
22.5°	272.6	240.7	217.7	204.6	192.1	177.9	161.9	145.2	132.0	123.6	119.3
20°	332.1	272.1	238.7	216.0	202.0	190.2	173.4	154.1	138.0	126.8	120.6
17.5°	419.3	320.5	262.0	227.8	210.6	198.4	183.6	163.2	143.7	129.4	121.8
15°	559.0	386.4	293.4	246.7	217.9	205.3	193.6	171.4	149.6	132.8	123.7
12.5°	760.9	475.1	335.9	263.0	226.7	211.5	200.4	179.4	155.9	137.0	125.3
10°	965.4	595.5	385.0	285.8	239.5	216.8	204.0	184.5	160.0	140.3	126.7
7.5°	1244.2	718.0	432.9	308.4	249.5	220.1	204.7	186.9	162.6	142.7	128.0
5°	1447.8	812.2	480.8	327.7	257.3	223.2	205.3	187.5	163.7	144.2	128.9
2.5°	1589.4	879.3	511.0	342.5	262.2	224.7	204.9	188.1	164.7	145.2	129.6
0°	1648.4	900.9	523.2	348.2	263.6	222.3	202.6	188.8	165.2	145.6	129.8
-2.5°	1589.4	879.3	511.0	342.5	262.2	224.7	204.9	188.1	164.7	145.2	129.6
-5°	1447.8	812.2	480.8	327.7	257.3	223.2	205.3	187.5	163.7	144.2	128.9
-7.5°	1244.2	718.0	432.9	308.4	249.5	220.1	204.7	186.9	162.6	142.7	128.0
-10°	965.4	595.5	385.0	285.8	239.5	216.8	204.0	184.5	160.0	140.3	126.7
-12.5°	760.9	475.1	335.9	263.0	226.7	211.5	200.4	179.4	155.9	137.0	125.3
-15°	559.0	386.4	293.4	246.7	217.9	205.3	193.6	171.4	149.6	132.8	123.7
-17.5°	419.3	320.5	262.0	227.8	210.6	198.4	183.6	163.2	143.7	129.4	121.8
-20°	332.1	272.1	238.7	216.0	202.0	190.2	173.4	154.1	138.0	126.8	120.6



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	272.6	240.7	217.7	204.6	192.1	177.9	161.9	145.2	132.0	123.6	119.3
-25°	237.8	216.0	204.8	193.7	180.0	164.9	151.0	137.9	127.8	121.1	117.9
-27.5°	215.1	203.5	193.2	181.6	166.9	154.1	141.9	130.7	123.2	119.1	117.1
-30°	200.7	191.2	180.0	166.9	155.2	143.7	132.9	125.5	120.1	117.1	116.0
-32.5°	186.7	175.5	164.1	154.1	143.5	133.1	126.2	120.8	117.1	115.8	114.7
-35°	169.6	159.4	150.6	141.1	131.2	125.3	120.4	117.3	115.3	114.4	113.4
-37.5°	153.2	144.9	136.7	128.7	123.5	119.4	117.1	115.0	113.8	113.0	111.5
-40°	137.2	130.2	125.8	121.2	118.5	116.5	114.5	113.1	112.4	111.1	109.1
-42.5°	125.3	121.7	119.1	117.4	115.7	113.8	112.0	111.5	110.6	108.8	107.4
-45°	118.7	117.3	116.0	115.1	113.6	112.0	110.6	109.8	108.5	107.1	106.1
-47.5°	115.6	115.0	114.3	113.5	112.2	110.7	109.2	108.1	106.5	105.2	102.5
-50°	113.8	113.2	112.6	111.7	110.1	108.6	107.1	105.3	103.6	101.2	98.7
-52.5°	111.9	110.9	109.7	108.5	107.1	105.7	104.1	101.7	99.4	97.2	94.9
-55°	108.4	107.4	106.4	105.2	104.0	102.4	100.3	97.7	95.1	93.1	90.6
-57.5°	104.8	103.9	102.9	101.8	100.7	98.3	95.6	93.1	90.9	88.7	86.0
-60°	101.1	100.3	98.9	97.0	94.7	92.4	90.6	88.7	86.6	83.3	80.1
-62.5°	96.1	95.0	93.1	91.1	89.3	87.6	85.7	82.9	79.8	76.5	73.7
-65°	89.4	88.1	86.7	85.1	83.3	81.5	79.0	75.9	72.6	69.5	66.9
-67.5°	82.1	80.9	79.6	78.0	75.7	73.2	70.4	67.7	64.9	61.7	58.8
-70°	72.8	71.2	69.5	67.7	65.8	63.9	61.9	59.4	56.6	53.4	50.6
-72.5°	61.8	60.4	59.1	57.9	56.7	55.1	52.8	50.1	47.4	44.8	42.2
-75°	50.0	48.7	47.3	46.2	45.0	43.6	42.1	40.2	38.3	36.2	34.1
-77.5°	37.7	36.7	35.8	35.2	34.4	33.6	32.5	31.0	29.3	27.6	25.9
-80°	27.1	26.5	25.8	25.3	24.7	23.9	22.9	21.7	20.4	19.1	17.9
-82.5°	17.9	17.4	16.9	16.3	15.7	15.0	14.3	13.5	12.7	11.9	11.0
-85°	9.1	8.9	8.7	8.5	8.2	7.9	7.7	7.4	7.0	6.7	6.3
-87.5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
85°	6.0	5.6	5.2	4.8	4.4	3.9	3.6	3.3	3.0	2.7	2.3
82.5°	10.0	9.4	8.8	8.2	7.8	7.3	6.7	6.0	5.0	4.1	3.5
80°	16.7	15.4	14.0	12.7	11.7	10.8	10.2	9.3	8.0	6.8	5.5
77.5°	24.0	22.0	20.0	18.3	16.7	15.2	13.9	12.6	11.0	9.4	7.8
75°	31.8	29.5	27.1	24.5	21.9	19.5	17.6	15.8	14.0	12.0	10.1
72.5°	39.6	36.9	34.1	30.9	27.7	24.6	21.6	19.1	16.9	14.7	12.4
70°	47.6	44.3	41.0	37.5	33.7	29.6	26.1	22.9	19.8	17.2	14.7
67.5°	55.9	52.5	48.6	44.3	40.1	35.6	30.6	26.8	23.3	19.8	16.9
65°	63.6	60.2	56.5	51.4	46.5	41.7	36.4	31.1	26.8	22.9	19.1
62.5°	70.7	67.4	63.2	58.2	52.7	47.4	42.3	36.4	30.5	25.9	21.6
60°	77.0	73.5	69.7	64.6	58.9	52.9	47.3	41.6	35.2	28.9	24.2
57.5°	82.5	79.3	75.1	70.6	65.0	58.4	52.1	46.2	39.8	32.8	26.7
55°	87.5	83.9	80.2	75.6	70.6	64.2	57.1	50.5	44.1	36.7	29.2
52.5°	92.0	88.5	84.7	80.3	75.1	69.7	62.4	54.7	47.9	40.6	32.5
50°	96.1	92.6	89.0	84.7	79.5	73.9	67.5	59.3	51.5	44.2	35.7
47.5°	99.7	96.3	92.5	88.8	83.7	78.0	71.7	63.8	55.0	47.4	38.7
45°	103.0	99.9	95.8	91.8	87.8	81.9	75.6	68.2	58.9	50.3	41.6
42.5°	105.9	102.9	99.4	94.5	90.6	85.4	79.4	71.8	62.7	53.2	44.2
40°	107.6	105.3	102.5	97.9	93.2	88.6	82.4	75.2	66.3	56.1	46.7
37.5°	109.3	107.1	104.4	101.0	95.8	90.9	85.1	78.6	69.5	59.0	49.0
35°	111.4	108.9	106.1	103.1	98.5	93.4	87.6	81.5	72.1	61.8	51.3
32.5°	113.4	110.7	107.6	104.5	100.8	95.8	89.8	83.3	74.6	64.2	53.5
30°	114.7	112.3	109.1	105.9	102.7	97.8	91.9	85.1	77.0	66.5	55.6
27.5°	115.6	113.7	110.5	107.1	103.8	99.5	93.8	86.9	79.1	68.5	57.4
25°	116.3	114.6	111.7	108.3	104.9	101.0	95.6	88.6	80.7	70.3	59.1
22.5°	117.0	115.2	112.9	109.4	105.8	102.3	97.0	90.0	82.0	71.8	60.6
20°	117.6	115.8	113.9	110.4	106.7	103.1	98.1	91.3	83.3	73.2	61.9
17.5°	118.2	116.2	114.1	111.1	107.5	103.8	99.1	92.5	84.4	74.4	63.0
15°	119.1	116.4	114.2	111.6	108.2	104.5	99.9	93.5	85.4	75.4	64.1
12.5°	119.6	116.7	114.2	111.8	108.8	105.0	100.6	94.4	86.3	76.4	65.2
10°	119.9	117.1	114.1	111.9	109.3	105.4	101.2	95.1	87.1	77.3	66.2
7.5°	119.9	117.4	113.9	111.9	109.6	105.8	101.7	95.7	87.7	77.9	67.1
5°	120.0	117.4	114.0	111.9	109.3	106.0	102.0	96.1	88.1	78.4	67.8
2.5°	121.0	116.8	114.1	112.1	108.8	106.2	102.2	96.3	88.4	78.6	68.4
0°	122.0	116.1	114.1	112.1	108.2	106.2	102.3	96.4	88.5	78.7	68.8
-2.5°	121.0	116.8	114.1	112.1	108.8	106.2	102.2	96.3	88.4	78.6	68.4
-5°	120.0	117.4	114.0	111.9	109.3	106.0	102.0	96.1	88.1	78.4	67.8
-7.5°	119.9	117.4	113.9	111.9	109.6	105.8	101.7	95.7	87.7	77.9	67.1
-10°	119.9	117.1	114.1	111.9	109.3	105.4	101.2	95.1	87.1	77.3	66.2
-12.5°	119.6	116.7	114.2	111.8	108.8	105.0	100.6	94.4	86.3	76.4	65.2
-15°	119.1	116.4	114.2	111.6	108.2	104.5	99.9	93.5	85.4	75.4	64.1
-17.5°	118.2	116.2	114.1	111.1	107.5	103.8	99.1	92.5	84.4	74.4	63.0
-20°	117.6	115.8	113.9	110.4	106.7	103.1	98.1	91.3	83.3	73.2	61.9



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	117.0	115.2	112.9	109.4	105.8	102.3	97.0	90.0	82.0	71.8	60.6
-25°	116.3	114.6	111.7	108.3	104.9	101.0	95.6	88.6	80.7	70.3	59.1
-27.5°	115.6	113.7	110.5	107.1	103.8	99.5	93.8	86.9	79.1	68.5	57.4
-30°	114.7	112.3	109.1	105.9	102.7	97.8	91.9	85.1	77.0	66.5	55.6
-32.5°	113.4	110.7	107.6	104.5	100.8	95.8	89.8	83.3	74.6	64.2	53.5
-35°	111.4	108.9	106.1	103.1	98.5	93.4	87.6	81.5	72.1	61.8	51.3
-37.5°	109.3	107.1	104.4	101.0	95.8	90.9	85.1	78.6	69.5	59.0	49.0
-40°	107.6	105.3	102.5	97.9	93.2	88.6	82.4	75.2	66.3	56.1	46.7
-42.5°	105.9	102.9	99.4	94.5	90.6	85.4	79.4	71.8	62.7	53.2	44.2
-45°	103.0	99.9	95.8	91.8	87.8	81.9	75.6	68.2	58.9	50.3	41.6
-47.5°	99.7	96.3	92.5	88.8	83.7	78.0	71.7	63.8	55.0	47.4	38.7
-50°	96.1	92.6	89.0	84.7	79.5	73.9	67.5	59.3	51.5	44.2	35.7
-52.5°	92.0	88.5	84.7	80.3	75.1	69.7	62.4	54.7	47.9	40.6	32.5
-55°	87.5	83.9	80.2	75.6	70.6	64.2	57.1	50.5	44.1	36.7	29.2
-57.5°	82.5	79.3	75.1	70.6	65.0	58.4	52.1	46.2	39.8	32.8	26.7
-60°	77.0	73.5	69.7	64.6	58.9	52.9	47.3	41.6	35.2	28.9	24.2
-62.5°	70.7	67.4	63.2	58.2	52.7	47.4	42.3	36.4	30.5	25.9	21.6
-65°	63.6	60.2	56.5	51.4	46.5	41.7	36.4	31.1	26.8	22.9	19.1
-67.5°	55.9	52.5	48.6	44.3	40.1	35.6	30.6	26.8	23.3	19.8	16.9
-70°	47.6	44.3	41.0	37.5	33.7	29.6	26.1	22.9	19.8	17.2	14.7
-72.5°	39.6	36.9	34.1	30.9	27.7	24.6	21.6	19.1	16.9	14.7	12.4
-75°	31.8	29.5	27.1	24.5	21.9	19.5	17.6	15.8	14.0	12.0	10.1
-77.5°	24.0	22.0	20.0	18.3	16.7	15.2	13.9	12.6	11.0	9.4	7.8
-80°	16.7	15.4	14.0	12.7	11.7	10.8	10.2	9.3	8.0	6.8	5.5
-82.5°	10.0	9.4	8.8	8.2	7.8	7.3	6.7	6.0	5.0	4.1	3.5
-85°	6.0	5.6	5.2	4.8	4.4	3.9	3.6	3.3	3.0	2.7	2.3
-87.5°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	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: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
77.5°	6.1	4.5	3.4	2.5	1.7	0.8	0.0
75°	8.1	6.1	4.1	3.0	2.0	1.0	0.0
72.5°	10.1	7.8	5.5	3.5	2.3	1.2	0.0
70°	12.0	9.4	6.8	4.1	2.7	1.3	0.0
67.5°	14.0	11.0	8.0	5.0	3.0	1.5	0.0
65°	15.8	12.6	9.3	6.0	3.3	1.6	0.0
62.5°	17.7	14.1	10.5	6.9	3.6	1.8	0.0
60°	19.5	15.6	11.7	7.8	3.9	1.9	0.0
57.5°	21.6	17.1	12.9	8.7	4.5	2.1	0.0
55°	23.8	18.5	14.1	9.6	5.1	2.2	0.0
52.5°	25.8	20.0	15.2	10.4	5.6	2.4	0.0
50°	27.8	21.6	16.3	11.2	6.1	2.5	0.0
47.5°	29.9	23.3	17.3	12.0	6.7	2.6	0.0
45°	32.3	24.8	18.3	12.7	7.2	2.8	0.0
42.5°	34.6	26.3	19.2	13.5	7.6	2.9	0.0
40°	36.8	27.7	20.3	14.1	8.1	3.0	0.0
37.5°	38.9	29.1	21.3	14.8	8.5	3.1	0.0
35°	40.7	30.5	22.4	15.4	8.9	3.2	0.0
32.5°	42.5	32.0	23.3	16.0	9.3	3.3	0.0
30°	44.2	33.4	24.2	16.5	9.7	3.4	0.0
27.5°	45.8	34.6	25.0	17.0	10.0	3.5	0.0
25°	47.4	35.7	25.8	17.5	10.3	3.5	0.0
22.5°	48.7	36.8	26.5	17.9	10.6	3.6	0.0
20°	50.0	37.9	27.1	18.3	10.8	3.7	0.0
17.5°	51.2	38.9	27.7	18.6	11.1	3.7	0.0
15°	52.3	39.8	28.2	18.9	11.3	3.8	0.0
12.5°	53.2	40.7	28.6	19.1	11.4	3.8	0.0
10°	53.9	41.4	28.9	19.3	11.6	3.8	0.0
7.5°	54.4	42.1	29.2	19.5	11.7	3.9	0.0
5°	54.8	42.6	29.3	19.6	11.7	3.9	0.0
2.5°	55.0	43.0	29.5	19.7	11.8	3.9	0.0
0°	55.1	43.3	29.5	19.7	11.8	3.9	0.0
-2.5°	55.0	43.0	29.5	19.7	11.8	3.9	0.0
-5°	54.8	42.6	29.3	19.6	11.7	3.9	0.0
-7.5°	54.4	42.1	29.2	19.5	11.7	3.9	0.0
-10°	53.9	41.4	28.9	19.3	11.6	3.8	0.0
-12.5°	53.2	40.7	28.6	19.1	11.4	3.8	0.0
-15°	52.3	39.8	28.2	18.9	11.3	3.8	0.0
-17.5°	51.2	38.9	27.7	18.6	11.1	3.7	0.0
-20°	50.0	37.9	27.1	18.3	10.8	3.7	0.0



REPORT NUMBER: P561408 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.7	36.8	26.5	17.9	10.6	3.6	0.0
-25°	47.4	35.7	25.8	17.5	10.3	3.5	0.0
-27.5°	45.8	34.6	25.0	17.0	10.0	3.5	0.0
-30°	44.2	33.4	24.2	16.5	9.7	3.4	0.0
-32.5°	42.5	32.0	23.3	16.0	9.3	3.3	0.0
-35°	40.7	30.5	22.4	15.4	8.9	3.2	0.0
-37.5°	38.9	29.1	21.3	14.8	8.5	3.1	0.0
-40°	36.8	27.7	20.3	14.1	8.1	3.0	0.0
-42.5°	34.6	26.3	19.2	13.5	7.6	2.9	0.0
-45°	32.3	24.8	18.3	12.7	7.2	2.8	0.0
-47.5°	29.9	23.3	17.3	12.0	6.7	2.6	0.0
-50°	27.8	21.6	16.3	11.2	6.1	2.5	0.0
-52.5°	25.8	20.0	15.2	10.4	5.6	2.4	0.0
-55°	23.8	18.5	14.1	9.6	5.1	2.2	0.0
-57.5°	21.6	17.1	12.9	8.7	4.5	2.1	0.0
-60°	19.5	15.6	11.7	7.8	3.9	1.9	0.0
-62.5°	17.7	14.1	10.5	6.9	3.6	1.8	0.0
-65°	15.8	12.6	9.3	6.0	3.3	1.6	0.0
-67.5°	14.0	11.0	8.0	5.0	3.0	1.5	0.0
-70°	12.0	9.4	6.8	4.1	2.7	1.3	0.0
-72.5°	10.1	7.8	5.5	3.5	2.3	1.2	0.0
-75°	8.1	6.1	4.1	3.0	2.0	1.0	0.0
-77.5°	6.1	4.5	3.4	2.5	1.7	0.8	0.0
-80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	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)