

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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-930-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

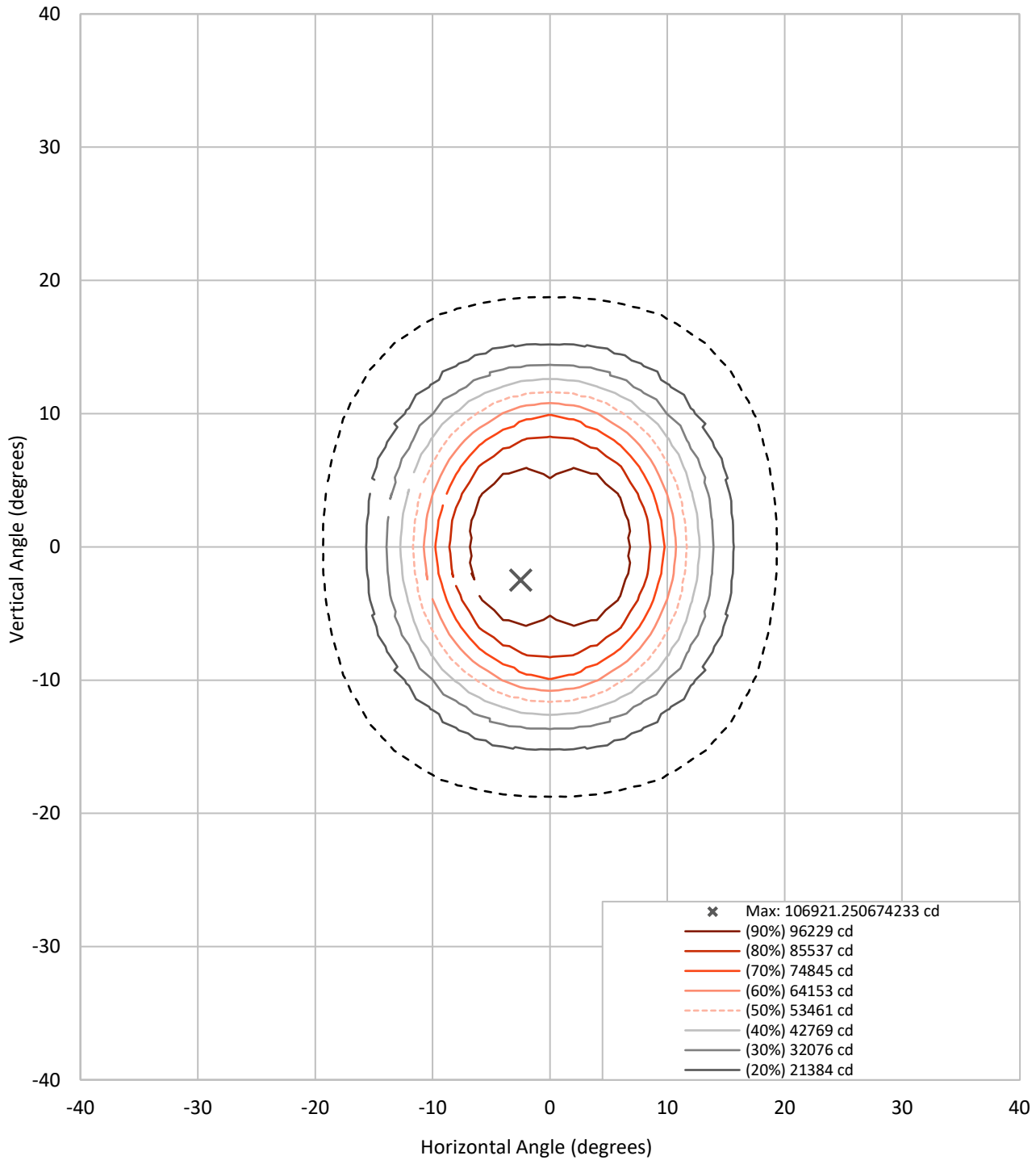
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20218.7 lumens	Max Intensity:	106921.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	10915.4 lumens	Field Lumens:	16461 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 201
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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

Iso-Candela Plot





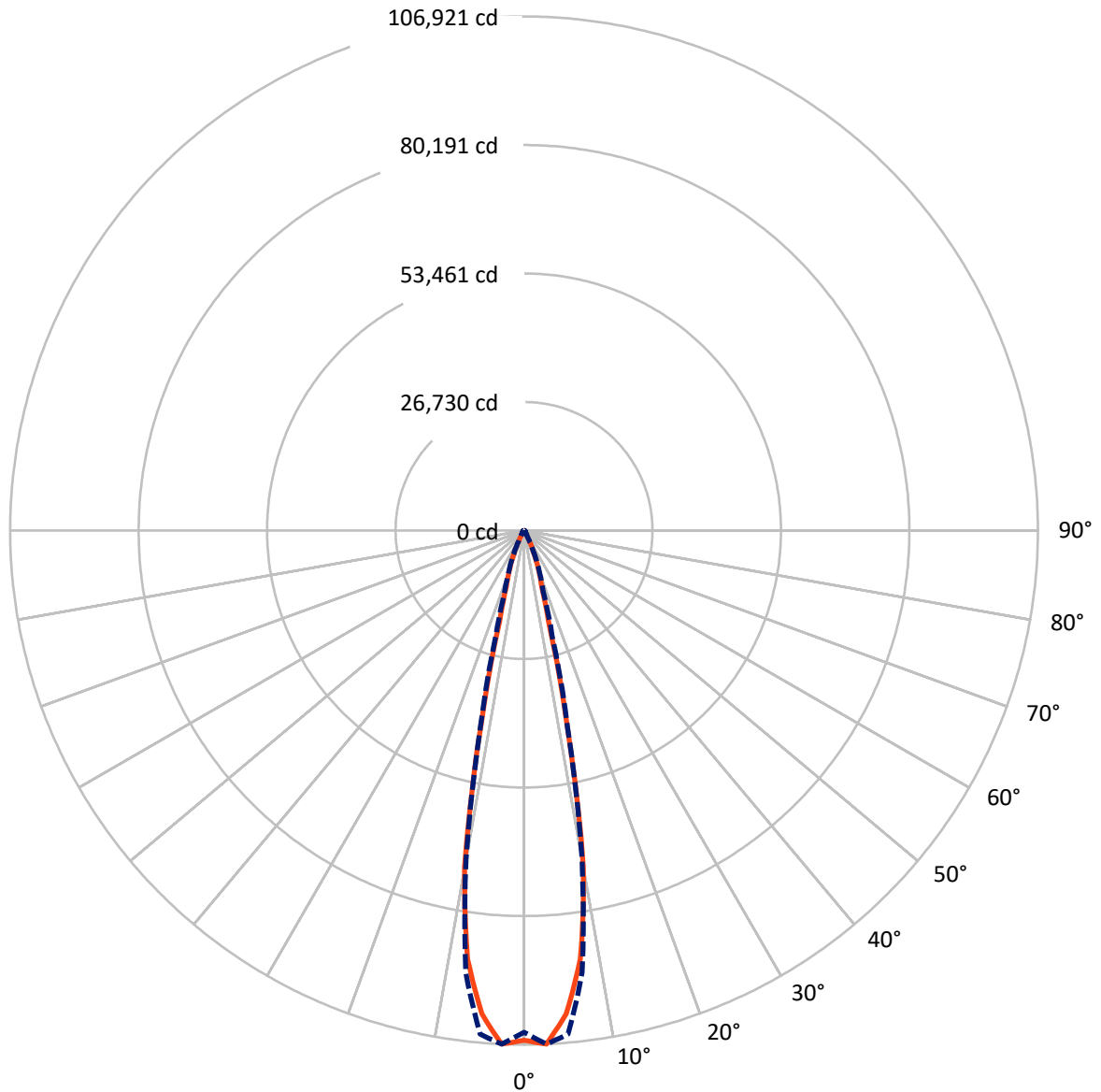
REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

Lumen Table

90	0.2	2.0		5.4		8.7		10.1		8.7		5.4		2.0		0.2			
80	0.2	2.0		5.4		8.7		10.1		8.7		5.4		2.0		0.2			
70	0.9	1.1	2.2	3.5	4.9	6.0	6.9	7.3	7.3	6.9	6.0	4.9	3.5	2.2	1.1	0.9			
60		1.6	3.2	5.0	6.7	8.0	8.9	9.2	9.2	8.9	8.0	6.7	5.0	3.2	1.6				
50	1.7	2.1	4.1	6.1	7.8	9.5	10.9	11.6	11.6	10.9	9.5	7.8	6.1	4.1	2.1	1.7			
40		2.5	4.7	6.8	9.2	12.6	16.5	19.8	19.8	16.5	12.6	9.2	6.8	4.7	2.5				
30	2.3	2.8	5.1	7.5	11.4	20.7	62.1	121.0	121.0	62.1	20.7	11.4	7.5	5.1	2.8	2.3			
20		3.0	5.3	8.0	14.3	61.3	283.1	727.9	727.9	283.1	61.3	14.3	8.0	5.3	3.0				
10	2.5	3.1	5.4	8.4	17.1	119.5	737.1	2604.1	2604.1	737.1	119.5	17.1	8.4	5.4	3.1	2.5			
0		3.1	5.4	8.4	17.1	119.5	737.1	2604.1	2604.1	737.1	119.5	17.1	8.4	5.4	3.1				
-10	2.3	3.0	5.3	8.0	14.3	61.3	283.1	727.9	727.9	283.1	61.3	14.3	8.0	5.3	3.0	2.3			
-20		2.8	5.1	7.5	11.4	20.7	62.1	121.0	121.0	62.1	20.7	11.4	7.5	5.1	2.8				
-30	1.7	2.5	4.7	6.8	9.2	12.6	16.5	19.8	19.8	16.5	12.6	9.2	6.8	4.7	2.5	1.7			
-40		2.1	4.1	6.1	7.8	9.5	10.9	11.6	11.6	10.9	9.5	7.8	6.1	4.1	2.1				
-50	0.9	1.6	3.2	5.0	6.7	8.0	8.9	9.2	9.2	8.9	8.0	6.7	5.0	3.2	1.6	0.9			
-60		1.1	2.2	3.5	4.9	6.0	6.9	7.3	7.3	6.9	6.0	4.9	3.5	2.2	1.1				
-70	0.2	2.0		5.4		8.7		10.1		8.7		5.4		2.0		0.2			
-80		2.0		5.4		8.7		10.1		8.7		5.4		2.0					
-90	0.2	2.0		5.4		8.7		10.1		8.7		5.4		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

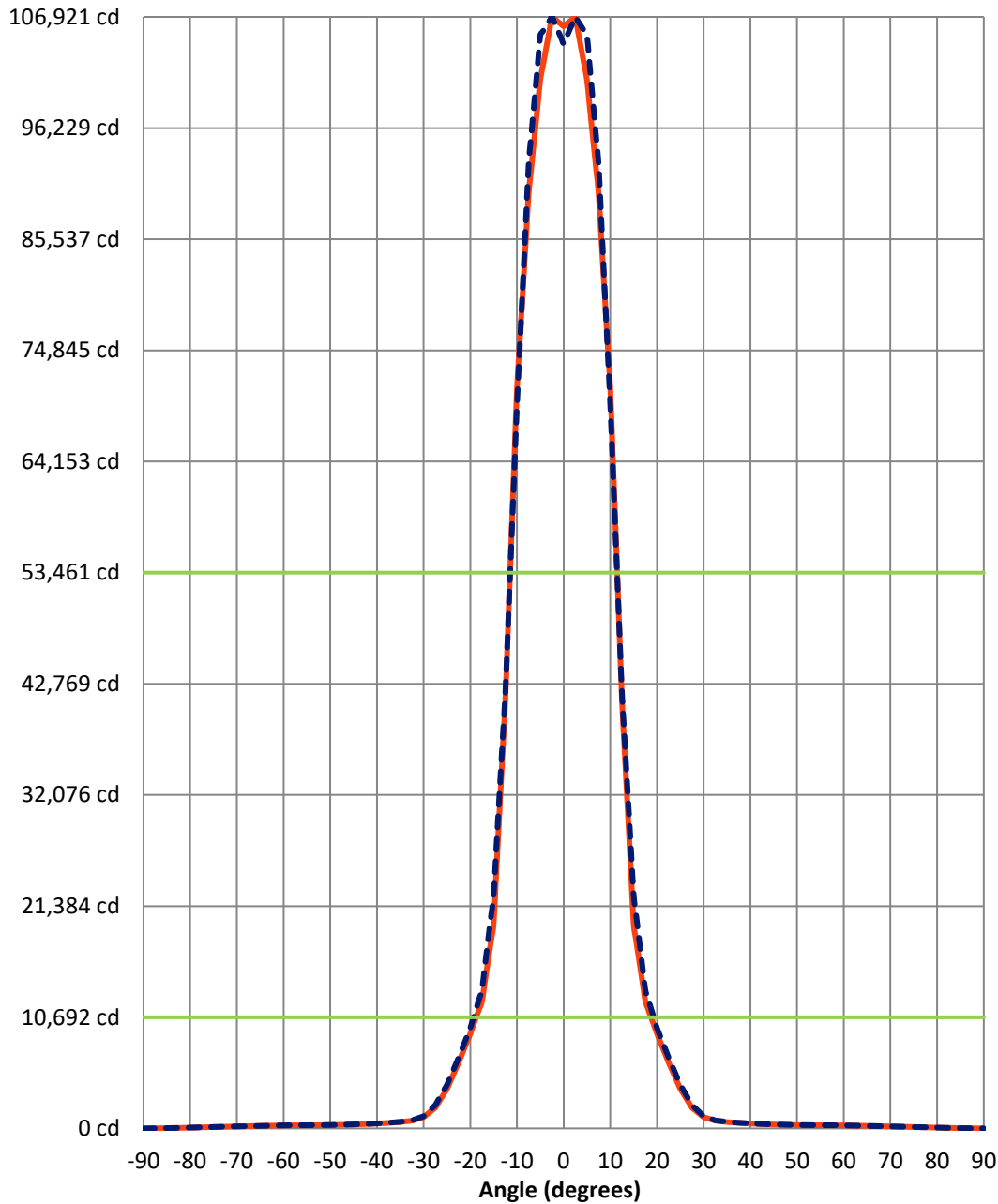
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 10915.4
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 16461
 Efficiency: 81.4%

Spill:
 Lumens: 3757.7
 Efficiency: 18.6%

- Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

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	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.7	14.0	16.3
80°	0.0	2.0	3.9	5.9	7.8	9.7	11.8	14.8	17.8	21.0	24.2
77.5°	0.0	2.4	4.9	7.3	9.7	12.6	16.2	19.9	23.8	27.9	32.3
75°	0.0	2.9	5.8	8.8	11.9	16.3	20.5	25.0	29.9	35.6	40.9
72.5°	0.0	3.4	6.8	10.2	14.9	20.0	24.8	30.4	37.1	43.4	49.4
70°	0.0	3.9	7.7	11.7	17.9	23.7	29.3	36.8	44.2	51.3	59.7
67.5°	0.0	4.3	8.6	14.0	20.8	27.3	34.8	43.1	51.3	60.8	70.2
65°	0.0	4.8	9.5	16.2	23.8	31.3	40.1	49.3	59.7	70.2	80.8
62.5°	0.0	5.2	10.4	18.4	26.6	35.6	45.4	56.2	67.9	79.5	91.7
60°	0.0	5.6	11.3	20.6	29.5	39.8	50.5	63.2	75.9	89.2	102.5
57.5°	0.0	6.1	12.7	22.7	32.7	43.9	56.3	70.1	84.2	98.7	113.0
55°	0.0	6.5	14.1	24.8	35.8	47.9	62.1	76.8	92.4	107.9	123.3
52.5°	0.0	6.9	15.4	26.8	38.9	51.9	67.6	83.8	100.4	116.9	133.3
50°	0.0	7.3	16.7	28.7	41.8	56.4	73.0	90.6	108.2	125.7	143.2
47.5°	0.0	7.6	18.0	30.7	44.6	60.7	78.3	97.3	115.7	134.1	153.0
45°	0.0	8.0	19.2	32.7	47.3	64.9	83.9	103.8	123.0	142.7	162.6
42.5°	0.0	8.3	20.3	34.6	49.9	68.9	89.2	110.0	130.0	151.0	171.1
40°	0.0	8.7	21.4	36.4	52.6	72.7	94.4	115.9	136.9	159.0	179.1
37.5°	0.0	9.0	22.4	38.2	55.5	76.3	99.3	121.5	143.6	166.3	186.6
35°	0.0	9.3	23.4	39.8	58.3	80.0	104.0	126.8	149.9	172.6	193.9
32.5°	0.0	9.5	24.3	41.3	60.8	83.7	108.4	131.8	155.8	178.6	200.9
30°	0.0	9.8	25.2	42.7	63.2	87.2	112.4	136.6	161.3	184.2	207.3
27.5°	0.0	10.0	26.0	44.0	65.5	90.4	116.2	141.0	166.2	189.3	213.0
25°	0.0	10.2	26.7	45.2	67.7	93.4	119.6	145.1	170.4	194.1	218.2
22.5°	0.0	10.4	27.4	46.3	69.7	96.1	122.8	148.8	174.3	198.4	222.7
20°	0.0	10.6	28.0	47.3	71.5	98.6	125.7	152.1	177.7	202.1	226.7
17.5°	0.0	10.8	28.5	48.2	73.2	100.8	128.1	155.0	180.8	205.3	230.2
15°	0.0	10.9	29.0	49.0	74.6	102.7	130.3	157.5	183.5	208.0	233.2
12.5°	0.0	11.0	29.4	49.6	75.9	104.3	132.1	159.7	185.8	210.1	235.7
10°	0.0	11.1	29.7	50.1	77.0	105.5	133.6	161.4	187.6	212.3	237.7
7.5°	0.0	11.2	30.0	50.6	77.9	106.5	134.7	162.8	189.1	214.3	239.2
5°	0.0	11.3	30.2	50.9	78.6	107.2	135.5	163.7	190.2	215.8	240.1
2.5°	0.0	11.3	30.3	51.0	79.1	107.7	136.0	164.3	190.8	216.9	240.4
0°	0.0	11.3	30.3	51.1	79.4	107.8	136.2	164.5	191.0	217.5	240.2
-2.5°	0.0	11.3	30.3	51.1	79.4	107.8	136.2	164.5	191.0	217.5	240.2
-5°	0.0	11.3	30.3	51.0	79.1	107.7	136.0	164.3	190.8	216.9	240.4
-7.5°	0.0	11.2	30.0	50.6	77.9	106.5	134.7	162.8	189.1	214.3	239.2
-10°	0.0	11.1	29.7	50.1	77.0	105.5	133.6	161.4	187.6	212.3	237.7
-12.5°	0.0	11.0	29.4	49.6	75.9	104.3	132.1	159.7	185.8	210.1	235.7
-15°	0.0	10.9	29.0	49.0	74.6	102.7	130.3	157.5	183.5	208.0	233.2
-17.5°	0.0	10.8	28.5	48.2	73.2	100.8	128.1	155.0	180.8	205.3	230.2
-20°	0.0	10.6	28.0	47.3	71.5	98.6	125.7	152.1	177.7	202.1	226.7



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.4	27.4	46.3	69.7	96.1	122.8	148.8	174.3	198.4	222.7
-25°	0.0	10.2	26.7	45.2	67.7	93.4	119.6	145.1	170.4	194.1	218.2
-27.5°	0.0	10.0	26.0	44.0	65.5	90.4	116.2	141.0	166.2	189.3	213.0
-30°	0.0	9.8	25.2	42.7	63.2	87.2	112.4	136.6	161.3	184.2	207.3
-32.5°	0.0	9.5	24.3	41.3	60.8	83.7	108.4	131.8	155.8	178.6	200.9
-35°	0.0	9.3	23.4	39.8	58.3	80.0	104.0	126.8	149.9	172.6	193.9
-37.5°	0.0	9.0	22.4	38.2	55.5	76.3	99.3	121.5	143.6	166.3	186.6
-40°	0.0	8.7	21.4	36.4	52.6	72.7	94.4	115.9	136.9	159.0	179.1
-42.5°	0.0	8.3	20.3	34.6	49.9	68.9	89.2	110.0	130.0	151.0	171.1
-45°	0.0	8.0	19.2	32.7	47.3	64.9	83.9	103.8	123.0	142.7	162.6
-47.5°	0.0	7.6	18.0	30.7	44.6	60.7	78.3	97.3	115.7	134.1	153.0
-50°	0.0	7.3	16.7	28.7	41.8	56.4	73.0	90.6	108.2	125.7	143.2
-52.5°	0.0	6.9	15.4	26.8	38.9	51.9	67.6	83.8	100.4	116.9	133.3
-55°	0.0	6.5	14.1	24.8	35.8	47.9	62.1	76.8	92.4	107.9	123.3
-57.5°	0.0	6.1	12.7	22.7	32.7	43.9	56.3	70.1	84.2	98.7	113.0
-60°	0.0	5.6	11.3	20.6	29.5	39.8	50.5	63.2	75.9	89.2	102.5
-62.5°	0.0	5.2	10.4	18.4	26.6	35.6	45.4	56.2	67.9	79.5	91.7
-65°	0.0	4.8	9.5	16.2	23.8	31.3	40.1	49.3	59.7	70.2	80.8
-67.5°	0.0	4.3	8.6	14.0	20.8	27.3	34.8	43.1	51.3	60.8	70.2
-70°	0.0	3.9	7.7	11.7	17.9	23.7	29.3	36.8	44.2	51.3	59.7
-72.5°	0.0	3.4	6.8	10.2	14.9	20.0	24.8	30.4	37.1	43.4	49.4
-75°	0.0	2.9	5.8	8.8	11.9	16.3	20.5	25.0	29.9	35.6	40.9
-77.5°	0.0	2.4	4.9	7.3	9.7	12.6	16.2	19.9	23.8	27.9	32.3
-80°	0.0	2.0	3.9	5.9	7.8	9.7	11.8	14.8	17.8	21.0	24.2
-82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.7	14.0	16.3
-85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
85°	10.4	11.3	12.6	13.8	14.9	15.9	16.8	17.6	18.7	19.9	21.0
82.5°	18.4	20.3	22.0	23.6	25.0	26.3	27.6	29.5	31.9	34.1	36.1
80°	26.9	29.3	32.1	35.0	37.9	40.8	43.8	46.7	49.3	51.8	54.4
77.5°	36.2	40.0	43.8	47.8	51.9	56.4	60.7	64.9	68.8	72.5	76.3
75°	45.7	50.5	56.3	62.1	67.6	73.0	78.3	83.7	88.9	93.8	98.5
72.5°	56.2	63.2	70.1	76.8	84.1	91.1	97.6	103.6	109.9	116.2	122.1
70°	67.9	75.9	84.5	93.3	101.8	109.6	117.2	125.1	132.9	139.6	145.4
67.5°	79.5	89.5	99.5	109.4	118.8	127.8	137.0	145.7	153.8	160.7	167.4
65°	91.8	102.9	113.9	124.7	135.1	145.7	155.7	165.1	173.8	181.8	189.2
62.5°	103.7	115.9	127.9	139.8	152.0	163.6	174.1	184.1	193.7	202.2	210.3
60°	115.5	128.7	141.8	155.1	168.4	180.6	191.9	202.3	212.1	221.5	229.9
57.5°	127.1	141.1	155.5	169.8	183.7	197.0	208.4	219.5	229.5	239.1	247.8
55°	138.4	153.3	168.7	183.8	198.3	211.9	224.2	235.3	246.0	254.8	263.1
52.5°	149.6	165.2	181.4	197.2	212.0	226.1	238.9	250.0	259.8	268.7	276.1
50°	160.5	176.9	193.6	209.5	224.8	239.2	252.0	262.8	272.1	280.3	287.2
47.5°	170.8	188.1	204.7	221.3	236.8	251.0	263.6	273.7	282.8	290.2	296.6
45°	180.6	198.6	215.8	232.1	247.8	261.8	273.5	283.7	292.0	299.4	305.9
42.5°	189.9	208.8	226.2	242.4	257.9	271.4	282.8	292.3	300.8	308.0	315.3
40°	198.9	218.6	236.2	252.1	267.3	280.0	290.7	300.4	308.8	317.0	324.9
37.5°	207.6	227.5	245.7	261.9	275.2	287.7	298.3	307.8	317.3	326.4	336.9
35°	216.0	236.1	254.5	270.4	283.5	294.4	305.2	315.7	326.6	338.0	350.3
32.5°	223.7	244.4	262.9	277.6	289.9	300.9	312.1	324.7	337.6	350.7	365.8
30°	230.6	251.9	270.5	284.3	295.6	306.6	319.8	334.2	349.4	364.4	382.0
27.5°	236.6	258.9	276.3	289.6	300.7	311.2	326.0	344.7	361.1	377.1	396.5
25°	242.1	264.5	281.6	294.1	304.5	315.8	331.1	350.4	371.1	388.5	415.5
22.5°	247.0	269.6	286.5	298.1	307.5	319.7	335.2	354.2	375.4	397.4	434.8
20°	251.1	273.3	290.6	301.4	309.7	322.5	337.5	356.8	380.5	412.3	453.6
17.5°	254.7	277.1	293.7	303.6	312.5	324.6	338.2	358.4	385.9	425.6	470.9
15°	257.7	280.8	296.3	305.5	314.6	326.5	341.4	362.4	394.1	437.9	486.8
12.5°	260.3	284.3	298.4	307.0	316.0	328.0	344.8	368.8	403.9	450.2	504.3
10°	262.3	287.5	300.1	308.2	316.8	329.0	347.7	373.7	412.0	461.6	519.8
7.5°	264.1	290.1	301.5	309.1	316.9	329.5	350.0	377.3	417.9	471.0	532.8
5°	265.5	291.8	302.7	309.7	316.8	329.7	351.8	379.5	421.6	478.1	542.6
2.5°	266.4	292.8	303.7	310.0	316.4	329.7	353.1	383.2	426.2	483.4	548.4
0°	266.7	293.1	304.5	310.1	315.8	329.1	353.6	385.8	429.3	486.0	550.3
-2.5°	266.4	292.8	303.7	310.0	316.4	329.7	353.1	383.2	426.2	483.4	548.4
-5°	265.5	291.8	302.7	309.7	316.8	329.7	351.8	379.5	421.6	478.1	542.6
-7.5°	264.1	290.1	301.5	309.1	316.9	329.5	350.0	377.3	417.9	471.0	532.8
-10°	262.3	287.5	300.1	308.2	316.8	329.0	347.7	373.7	412.0	461.6	519.8
-12.5°	260.3	284.3	298.4	307.0	316.0	328.0	344.8	368.8	403.9	450.2	504.3
-15°	257.7	280.8	296.3	305.5	314.6	326.5	341.4	362.4	394.1	437.9	486.8
-17.5°	254.7	277.1	293.7	303.6	312.5	324.6	338.2	358.4	385.9	425.6	470.9
-20°	251.1	273.3	290.6	301.4	309.7	322.5	337.5	356.8	380.5	412.3	453.6



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	247.0	269.6	286.5	298.1	307.5	319.7	335.2	354.2	375.4	397.4	434.8
-25°	242.1	264.5	281.6	294.1	304.5	315.8	331.1	350.4	371.1	388.5	415.5
-27.5°	236.6	258.9	276.3	289.6	300.7	311.2	326.0	344.7	361.1	377.1	396.5
-30°	230.6	251.9	270.5	284.3	295.6	306.6	319.8	334.2	349.4	364.4	382.0
-32.5°	223.7	244.4	262.9	277.6	289.9	300.9	312.1	324.7	337.6	350.7	365.8
-35°	216.0	236.1	254.5	270.4	283.5	294.4	305.2	315.7	326.6	338.0	350.3
-37.5°	207.6	227.5	245.7	261.9	275.2	287.7	298.3	307.8	317.3	326.4	336.9
-40°	198.9	218.6	236.2	252.1	267.3	280.0	290.7	300.4	308.8	317.0	324.9
-42.5°	189.9	208.8	226.2	242.4	257.9	271.4	282.8	292.3	300.8	308.0	315.3
-45°	180.6	198.6	215.8	232.1	247.8	261.8	273.5	283.7	292.0	299.4	305.9
-47.5°	170.8	188.1	204.7	221.3	236.8	251.0	263.6	273.7	282.8	290.2	296.6
-50°	160.5	176.9	193.6	209.5	224.8	239.2	252.0	262.8	272.1	280.3	287.2
-52.5°	149.6	165.2	181.4	197.2	212.0	226.1	238.9	250.0	259.8	268.7	276.1
-55°	138.4	153.3	168.7	183.8	198.3	211.9	224.2	235.3	246.0	254.8	263.1
-57.5°	127.1	141.1	155.5	169.8	183.7	197.0	208.4	219.5	229.5	239.1	247.8
-60°	115.5	128.7	141.8	155.1	168.4	180.6	191.9	202.3	212.1	221.5	229.9
-62.5°	103.7	115.9	127.9	139.8	152.0	163.6	174.1	184.1	193.7	202.2	210.3
-65°	91.8	102.9	113.9	124.7	135.1	145.7	155.7	165.1	173.8	181.8	189.2
-67.5°	79.5	89.5	99.5	109.4	118.8	127.8	137.0	145.7	153.8	160.7	167.4
-70°	67.9	75.9	84.5	93.3	101.8	109.6	117.2	125.1	132.9	139.6	145.4
-72.5°	56.2	63.2	70.1	76.8	84.1	91.1	97.6	103.6	109.9	116.2	122.1
-75°	45.7	50.5	56.3	62.1	67.6	73.0	78.3	83.7	88.9	93.8	98.5
-77.5°	36.2	40.0	43.8	47.8	51.9	56.4	60.7	64.9	68.8	72.5	76.3
-80°	26.9	29.3	32.1	35.0	37.9	40.8	43.8	46.7	49.3	51.8	54.4
-82.5°	18.4	20.3	22.0	23.6	25.0	26.3	27.6	29.5	31.9	34.1	36.1
-85°	10.4	11.3	12.6	13.8	14.9	15.9	16.8	17.6	18.7	19.9	21.0
-87.5°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	9.3	9.2	9.0	8.8	8.6	9.2	9.8	10.3	10.9	11.0	11.1
85°	22.2	22.9	23.6	24.2	24.9	25.6	26.2	26.8	27.2	28.0	28.8
82.5°	37.9	39.4	40.8	42.1	43.3	44.8	46.2	47.5	48.7	49.5	50.1
80°	56.9	59.5	61.8	63.9	65.7	67.9	70.1	72.0	73.8	75.0	75.9
77.5°	79.9	83.1	86.1	88.9	91.6	94.1	96.3	98.1	99.5	101.2	102.8
75°	102.9	107.2	111.2	114.9	118.1	120.9	123.5	125.9	128.0	130.0	131.6
72.5°	127.4	132.3	136.6	140.5	144.3	147.9	151.4	154.4	157.1	159.3	161.2
70°	150.9	156.1	161.4	166.3	170.8	175.0	178.7	182.0	184.8	187.3	189.3
67.5°	173.6	179.6	185.6	191.1	196.1	200.4	204.6	208.5	212.0	214.7	216.5
65°	196.2	202.9	209.3	215.0	220.0	224.6	229.3	233.4	236.9	239.4	241.2
62.5°	218.2	225.4	231.6	237.5	243.2	248.0	252.0	255.7	259.2	262.0	263.7
60°	237.8	245.3	251.4	256.9	262.1	266.8	270.8	274.7	278.3	281.6	284.1
57.5°	255.2	262.1	268.3	273.2	277.9	282.1	286.0	289.2	291.8	293.7	295.4
55°	270.3	276.4	282.2	287.1	291.1	294.5	297.4	299.7	301.5	302.8	303.8
52.5°	283.1	288.8	294.5	299.3	302.4	305.2	307.7	310.5	312.0	312.3	312.1
50°	293.4	299.5	304.6	308.9	313.1	317.9	322.9	325.4	326.4	325.7	324.9
47.5°	302.9	308.8	314.4	319.8	325.9	333.9	342.0	345.9	345.6	343.9	343.0
45°	312.2	318.7	325.3	333.4	342.1	352.4	361.9	367.8	367.9	368.1	369.4
42.5°	321.9	330.0	339.0	350.1	361.4	373.0	383.1	390.5	396.0	402.7	408.2
40°	333.9	342.9	356.3	370.1	384.8	397.2	412.8	426.2	437.2	447.2	454.8
37.5°	347.9	360.8	377.9	395.5	414.6	433.8	452.1	469.1	483.6	500.2	512.6
35°	364.7	383.1	403.9	426.0	449.7	474.1	497.6	524.7	548.6	569.9	587.3
32.5°	384.4	406.6	432.0	461.4	491.1	523.4	557.1	591.9	625.5	660.5	695.4
30°	404.1	433.4	465.9	501.6	536.5	578.6	622.5	679.5	739.2	807.4	912.0
27.5°	428.2	463.2	501.0	542.0	590.0	643.9	728.5	833.8	1013.6	1147.9	1508.7
25°	451.7	491.7	540.2	593.4	657.9	756.5	958.8	1192.7	1713.9	2201.8	2765.4
22.5°	475.6	525.4	583.6	648.4	760.5	1014.3	1399.6	2105.1	2910.1	3764.6	4634.9
20°	499.6	558.3	631.1	739.4	974.2	1408.3	2273.2	3406.9	4550.8	5948.3	7156.7
17.5°	526.7	599.4	694.6	857.5	1244.3	2174.5	3453.7	5026.9	6797.1	8593.7	10102.1
15°	549.1	634.1	761.7	1080.3	1810.4	3044.5	4718.5	6851.0	9264.8	11536.0	13473.2
12.5°	573.8	672.8	840.6	1260.9	2332.8	3955.3	6161.4	8785.6	11681.2	14793.2	19720.6
10°	596.6	711.7	972.8	1636.1	2934.8	4875.5	7453.5	10410.4	13922.0	20152.8	31800.4
7.5°	615.8	742.5	1072.3	1915.7	3479.8	5743.7	8506.8	11799.6	17079.2	27547.3	47147.6
5°	628.8	763.0	1141.4	2124.9	3913.9	6384.2	9180.3	12714.5	20300.4	36586.2	60186.8
2.5°	638.0	774.1	1178.3	2246.9	4188.5	6808.2	9657.3	13330.1	22463.0	41814.6	69465.6
0°	644.9	777.3	1185.8	2352.6	4281.6	6951.9	9680.8	13495.3	23204.5	43856.0	72771.8
-2.5°	638.0	774.1	1178.3	2246.9	4188.5	6808.2	9657.3	13330.1	22463.0	41814.6	69465.6
-5°	628.8	763.0	1141.4	2124.9	3913.9	6384.2	9180.3	12714.5	20300.4	36586.2	60186.8
-7.5°	615.8	742.5	1072.3	1915.7	3479.8	5743.7	8506.8	11799.6	17079.2	27547.3	47147.6
-10°	596.6	711.7	972.8	1636.1	2934.8	4875.5	7453.5	10410.4	13922.0	20152.8	31800.4
-12.5°	573.8	672.8	840.6	1260.9	2332.8	3955.3	6161.4	8785.6	11681.2	14793.2	19720.6
-15°	549.1	634.1	761.7	1080.3	1810.4	3044.5	4718.5	6851.0	9264.8	11536.0	13473.2
-17.5°	526.7	599.4	694.6	857.5	1244.3	2174.5	3453.7	5026.9	6797.1	8593.7	10102.1
-20°	499.6	558.3	631.1	739.4	974.2	1408.3	2273.2	3406.9	4550.8	5948.3	7156.7



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	475.6	525.4	583.6	648.4	760.5	1014.3	1399.6	2105.1	2910.1	3764.6	4634.9
-25°	451.7	491.7	540.2	593.4	657.9	756.5	958.8	1192.7	1713.9	2201.8	2765.4
-27.5°	428.2	463.2	501.0	542.0	590.0	643.9	728.5	833.8	1013.6	1147.9	1508.7
-30°	404.1	433.4	465.9	501.6	536.5	578.6	622.5	679.5	739.2	807.4	912.0
-32.5°	384.4	406.6	432.0	461.4	491.1	523.4	557.1	591.9	625.5	660.5	695.4
-35°	364.7	383.1	403.9	426.0	449.7	474.1	497.6	524.7	548.6	569.9	587.3
-37.5°	347.9	360.8	377.9	395.5	414.6	433.8	452.1	469.1	483.6	500.2	512.6
-40°	333.9	342.9	356.3	370.1	384.8	397.2	412.8	426.2	437.2	447.2	454.8
-42.5°	321.9	330.0	339.0	350.1	361.4	373.0	383.1	390.5	396.0	402.7	408.2
-45°	312.2	318.7	325.3	333.4	342.1	352.4	361.9	367.8	367.9	368.1	369.4
-47.5°	302.9	308.8	314.4	319.8	325.9	333.9	342.0	345.9	345.6	343.9	343.0
-50°	293.4	299.5	304.6	308.9	313.1	317.9	322.9	325.4	326.4	325.7	324.9
-52.5°	283.1	288.8	294.5	299.3	302.4	305.2	307.7	310.5	312.0	312.3	312.1
-55°	270.3	276.4	282.2	287.1	291.1	294.5	297.4	299.7	301.5	302.8	303.8
-57.5°	255.2	262.1	268.3	273.2	277.9	282.1	286.0	289.2	291.8	293.7	295.4
-60°	237.8	245.3	251.4	256.9	262.1	266.8	270.8	274.7	278.3	281.6	284.1
-62.5°	218.2	225.4	231.6	237.5	243.2	248.0	252.0	255.7	259.2	262.0	263.7
-65°	196.2	202.9	209.3	215.0	220.0	224.6	229.3	233.4	236.9	239.4	241.2
-67.5°	173.6	179.6	185.6	191.1	196.1	200.4	204.6	208.5	212.0	214.7	216.5
-70°	150.9	156.1	161.4	166.3	170.8	175.0	178.7	182.0	184.8	187.3	189.3
-72.5°	127.4	132.3	136.6	140.5	144.3	147.9	151.4	154.4	157.1	159.3	161.2
-75°	102.9	107.2	111.2	114.9	118.1	120.9	123.5	125.9	128.0	130.0	131.6
-77.5°	79.9	83.1	86.1	88.9	91.6	94.1	96.3	98.1	99.5	101.2	102.8
-80°	56.9	59.5	61.8	63.9	65.7	67.9	70.1	72.0	73.8	75.0	75.9
-82.5°	37.9	39.4	40.8	42.1	43.3	44.8	46.2	47.5	48.7	49.5	50.1
-85°	22.2	22.9	23.6	24.2	24.9	25.6	26.2	26.8	27.2	28.0	28.8
-87.5°	9.3	9.2	9.0	8.8	8.6	9.2	9.8	10.3	10.9	11.0	11.1
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.3
85°	29.5	30.2	29.3	28.4	29.3	30.2	29.5	28.8	28.0	27.2	26.8
82.5°	50.6	50.9	51.0	51.1	51.0	50.9	50.6	50.1	49.5	48.7	47.5
80°	76.6	77.1	78.3	79.4	78.3	77.1	76.6	75.9	75.0	73.8	72.0
77.5°	104.2	105.3	105.8	105.9	105.8	105.3	104.2	102.8	101.2	99.5	98.1
75°	132.8	133.6	136.0	138.1	136.0	133.6	132.8	131.6	130.0	128.0	125.9
72.5°	162.6	163.7	165.2	166.4	165.2	163.7	162.6	161.2	159.3	157.1	154.4
70°	190.9	192.0	192.7	192.9	192.7	192.0	190.9	189.3	187.3	184.8	182.0
67.5°	217.8	218.5	218.3	217.5	218.3	218.5	217.8	216.5	214.7	212.0	208.5
65°	242.4	243.1	242.9	242.1	242.9	243.1	242.4	241.2	239.4	236.9	233.4
62.5°	265.0	265.8	266.4	266.7	266.4	265.8	265.0	263.7	262.0	259.2	255.7
60°	286.2	288.0	289.0	289.3	289.0	288.0	286.2	284.1	281.6	278.3	274.7
57.5°	296.9	298.1	298.7	298.8	298.7	298.1	296.9	295.4	293.7	291.8	289.2
55°	304.3	304.3	303.7	302.6	303.7	304.3	304.3	303.8	302.8	301.5	299.7
52.5°	311.5	310.4	310.0	310.1	310.0	310.4	311.5	312.1	312.3	312.0	310.5
50°	323.8	322.1	321.3	321.5	321.3	322.1	323.8	324.9	325.7	326.4	325.4
47.5°	344.2	344.9	345.6	346.1	345.6	344.9	344.2	343.0	343.9	345.6	345.9
45°	373.2	375.8	377.5	378.2	377.5	375.8	373.2	369.4	368.1	367.9	367.8
42.5°	413.9	417.1	418.3	417.9	418.3	417.1	413.9	408.2	402.7	396.0	390.5
40°	462.8	469.2	472.9	472.8	472.9	469.2	462.8	454.8	447.2	437.2	426.2
37.5°	523.7	532.3	536.5	535.2	536.5	532.3	523.7	512.6	500.2	483.6	469.1
35°	600.6	609.0	612.5	616.5	612.5	609.0	600.6	587.3	569.9	548.6	524.7
32.5°	722.9	740.1	746.9	737.6	746.9	740.1	722.9	695.4	660.5	625.5	591.9
30°	982.8	1045.6	1087.6	1108.2	1087.6	1045.6	982.8	912.0	807.4	739.2	679.5
27.5°	1756.9	1921.2	1990.8	2029.2	1990.8	1921.2	1756.9	1508.7	1147.9	1013.6	833.8
25°	3248.1	3598.8	3800.7	3784.2	3800.7	3598.8	3248.1	2765.4	2201.8	1713.9	1192.7
22.5°	5443.6	5996.9	6328.8	6450.7	6328.8	5996.9	5443.6	4634.9	3764.6	2910.1	2105.1
20°	8165.4	8785.8	9110.3	9158.9	9110.3	8785.8	8165.4	7156.7	5948.3	4550.8	3406.9
17.5°	11289.2	11877.4	12219.2	12215.0	12219.2	11877.4	11289.2	10102.1	8593.7	6797.1	5026.9
15°	16111.8	18388.4	19672.2	19484.6	19672.2	18388.4	16111.8	13473.2	11536.0	9264.8	6851.0
12.5°	26400.3	35493.2	41133.6	42526.5	41133.6	35493.2	26400.3	19720.6	14793.2	11681.2	8785.6
10°	46652.7	60256.4	71120.5	74260.1	71120.5	60256.4	46652.7	31800.4	20152.8	13922.0	10410.4
7.5°	67106.9	83252.3	89896.8	90668.7	89896.8	83252.3	67106.9	47147.6	27547.3	17079.2	11799.6
5°	82545.7	98974.2	100875.8	96099.2	100875.8	98974.2	82545.7	60186.8	36586.2	20300.4	12714.5
2.5°	92736.8	105148.7	106921.3	104350.4	106921.3	105148.7	92736.8	69465.6	41814.6	22463.0	13330.1
0°	95060.9	103506.9	106024.9	106300.1	106024.9	103506.9	95060.9	72771.8	43856.0	23204.5	13495.3
-2.5°	92736.8	105148.7	106921.3	104350.4	106921.3	105148.7	92736.8	69465.6	41814.6	22463.0	13330.1
-5°	82545.7	98974.2	100875.8	96099.2	100875.8	98974.2	82545.7	60186.8	36586.2	20300.4	12714.5
-7.5°	67106.9	83252.3	89896.8	90668.7	89896.8	83252.3	67106.9	47147.6	27547.3	17079.2	11799.6
-10°	46652.7	60256.4	71120.5	74260.1	71120.5	60256.4	46652.7	31800.4	20152.8	13922.0	10410.4
-12.5°	26400.3	35493.2	41133.6	42526.5	41133.6	35493.2	26400.3	19720.6	14793.2	11681.2	8785.6
-15°	16111.8	18388.4	19672.2	19484.6	19672.2	18388.4	16111.8	13473.2	11536.0	9264.8	6851.0
-17.5°	11289.2	11877.4	12219.2	12215.0	12219.2	11877.4	11289.2	10102.1	8593.7	6797.1	5026.9
-20°	8165.4	8785.8	9110.3	9158.9	9110.3	8785.8	8165.4	7156.7	5948.3	4550.8	3406.9



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5443.6	5996.9	6328.8	6450.7	6328.8	5996.9	5443.6	4634.9	3764.6	2910.1	2105.1
-25°	3248.1	3598.8	3800.7	3784.2	3800.7	3598.8	3248.1	2765.4	2201.8	1713.9	1192.7
-27.5°	1756.9	1921.2	1990.8	2029.2	1990.8	1921.2	1756.9	1508.7	1147.9	1013.6	833.8
-30°	982.8	1045.6	1087.6	1108.2	1087.6	1045.6	982.8	912.0	807.4	739.2	679.5
-32.5°	722.9	740.1	746.9	737.6	746.9	740.1	722.9	695.4	660.5	625.5	591.9
-35°	600.6	609.0	612.5	616.5	612.5	609.0	600.6	587.3	569.9	548.6	524.7
-37.5°	523.7	532.3	536.5	535.2	536.5	532.3	523.7	512.6	500.2	483.6	469.1
-40°	462.8	469.2	472.9	472.8	472.9	469.2	462.8	454.8	447.2	437.2	426.2
-42.5°	413.9	417.1	418.3	417.9	418.3	417.1	413.9	408.2	402.7	396.0	390.5
-45°	373.2	375.8	377.5	378.2	377.5	375.8	373.2	369.4	368.1	367.9	367.8
-47.5°	344.2	344.9	345.6	346.1	345.6	344.9	344.2	343.0	343.9	345.6	345.9
-50°	323.8	322.1	321.3	321.5	321.3	322.1	323.8	324.9	325.7	326.4	325.4
-52.5°	311.5	310.4	310.0	310.1	310.0	310.4	311.5	312.1	312.3	312.0	310.5
-55°	304.3	304.3	303.7	302.6	303.7	304.3	304.3	303.8	302.8	301.5	299.7
-57.5°	296.9	298.1	298.7	298.8	298.7	298.1	296.9	295.4	293.7	291.8	289.2
-60°	286.2	288.0	289.0	289.3	289.0	288.0	286.2	284.1	281.6	278.3	274.7
-62.5°	265.0	265.8	266.4	266.7	266.4	265.8	265.0	263.7	262.0	259.2	255.7
-65°	242.4	243.1	242.9	242.1	242.9	243.1	242.4	241.2	239.4	236.9	233.4
-67.5°	217.8	218.5	218.3	217.5	218.3	218.5	217.8	216.5	214.7	212.0	208.5
-70°	190.9	192.0	192.7	192.9	192.7	192.0	190.9	189.3	187.3	184.8	182.0
-72.5°	162.6	163.7	165.2	166.4	165.2	163.7	162.6	161.2	159.3	157.1	154.4
-75°	132.8	133.6	136.0	138.1	136.0	133.6	132.8	131.6	130.0	128.0	125.9
-77.5°	104.2	105.3	105.8	105.9	105.8	105.3	104.2	102.8	101.2	99.5	98.1
-80°	76.6	77.1	78.3	79.4	78.3	77.1	76.6	75.9	75.0	73.8	72.0
-82.5°	50.6	50.9	51.0	51.1	51.0	50.9	50.6	50.1	49.5	48.7	47.5
-85°	29.5	30.2	29.3	28.4	29.3	30.2	29.5	28.8	28.0	27.2	26.8
-87.5°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.3
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	9.8	9.2	8.6	8.8	9.0	9.2	9.3	9.0	8.7	8.3	8.0
85°	26.2	25.6	24.9	24.2	23.6	22.9	22.2	21.0	19.9	18.7	17.6
82.5°	46.2	44.8	43.3	42.1	40.8	39.4	37.9	36.1	34.1	31.9	29.5
80°	70.1	67.9	65.7	63.9	61.8	59.5	56.9	54.4	51.8	49.3	46.7
77.5°	96.3	94.1	91.6	88.9	86.1	83.1	79.9	76.3	72.5	68.8	64.9
75°	123.5	120.9	118.1	114.9	111.2	107.2	102.9	98.5	93.8	88.9	83.7
72.5°	151.4	147.9	144.3	140.5	136.6	132.3	127.4	122.1	116.2	109.9	103.6
70°	178.7	175.0	170.8	166.3	161.4	156.1	150.9	145.4	139.6	132.9	125.1
67.5°	204.6	200.4	196.1	191.1	185.6	179.6	173.6	167.4	160.7	153.8	145.7
65°	229.3	224.6	220.0	215.0	209.3	202.9	196.2	189.2	181.8	173.8	165.1
62.5°	252.0	248.0	243.2	237.5	231.6	225.4	218.2	210.3	202.2	193.7	184.1
60°	270.8	266.8	262.1	256.9	251.4	245.3	237.8	229.9	221.5	212.1	202.3
57.5°	286.0	282.1	277.9	273.2	268.3	262.1	255.2	247.8	239.1	229.5	219.5
55°	297.4	294.5	291.1	287.1	282.2	276.4	270.3	263.1	254.8	246.0	235.3
52.5°	307.7	305.2	302.4	299.3	294.5	288.8	283.1	276.1	268.7	259.8	250.0
50°	322.9	317.9	313.1	308.9	304.6	299.5	293.4	287.2	280.3	272.1	262.8
47.5°	342.0	333.9	325.9	319.8	314.4	308.8	302.9	296.6	290.2	282.8	273.7
45°	361.9	352.4	342.1	333.4	325.3	318.7	312.2	305.9	299.4	292.0	283.7
42.5°	383.1	373.0	361.4	350.1	339.0	330.0	321.9	315.3	308.0	300.8	292.3
40°	412.8	397.2	384.8	370.1	356.3	342.9	333.9	324.9	317.0	308.8	300.4
37.5°	452.1	433.8	414.6	395.5	377.9	360.8	347.9	336.9	326.4	317.3	307.8
35°	497.6	474.1	449.7	426.0	403.9	383.1	364.7	350.3	338.0	326.6	315.7
32.5°	557.1	523.4	491.1	461.4	432.0	406.6	384.4	365.8	350.7	337.6	324.7
30°	622.5	578.6	536.5	501.6	465.9	433.4	404.1	382.0	364.4	349.4	334.2
27.5°	728.5	643.9	590.0	542.0	501.0	463.2	428.2	396.5	377.1	361.1	344.7
25°	958.8	756.5	657.9	593.4	540.2	491.7	451.7	415.5	388.5	371.1	350.4
22.5°	1399.6	1014.3	760.5	648.4	583.6	525.4	475.6	434.8	397.4	375.4	354.2
20°	2273.2	1408.3	974.2	739.4	631.1	558.3	499.6	453.6	412.3	380.5	356.8
17.5°	3453.7	2174.5	1244.3	857.5	694.6	599.4	526.7	470.9	425.6	385.9	358.4
15°	4718.5	3044.5	1810.4	1080.3	761.7	634.1	549.1	486.8	437.9	394.1	362.4
12.5°	6161.4	3955.3	2332.8	1260.9	840.6	672.8	573.8	504.3	450.2	403.9	368.8
10°	7453.5	4875.5	2934.8	1636.1	972.8	711.7	596.6	519.8	461.6	412.0	373.7
7.5°	8506.8	5743.7	3479.8	1915.7	1072.3	742.5	615.8	532.8	471.0	417.9	377.3
5°	9180.3	6384.2	3913.9	2124.9	1141.4	763.0	628.8	542.6	478.1	421.6	379.5
2.5°	9657.3	6808.2	4188.5	2246.9	1178.3	774.1	638.0	548.4	483.4	426.2	383.2
0°	9680.8	6951.9	4281.6	2352.6	1185.8	777.3	644.9	550.3	486.0	429.3	385.8
-2.5°	9657.3	6808.2	4188.5	2246.9	1178.3	774.1	638.0	548.4	483.4	426.2	383.2
-5°	9180.3	6384.2	3913.9	2124.9	1141.4	763.0	628.8	542.6	478.1	421.6	379.5
-7.5°	8506.8	5743.7	3479.8	1915.7	1072.3	742.5	615.8	532.8	471.0	417.9	377.3
-10°	7453.5	4875.5	2934.8	1636.1	972.8	711.7	596.6	519.8	461.6	412.0	373.7
-12.5°	6161.4	3955.3	2332.8	1260.9	840.6	672.8	573.8	504.3	450.2	403.9	368.8
-15°	4718.5	3044.5	1810.4	1080.3	761.7	634.1	549.1	486.8	437.9	394.1	362.4
-17.5°	3453.7	2174.5	1244.3	857.5	694.6	599.4	526.7	470.9	425.6	385.9	358.4
-20°	2273.2	1408.3	974.2	739.4	631.1	558.3	499.6	453.6	412.3	380.5	356.8



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1399.6	1014.3	760.5	648.4	583.6	525.4	475.6	434.8	397.4	375.4	354.2
-25°	958.8	756.5	657.9	593.4	540.2	491.7	451.7	415.5	388.5	371.1	350.4
-27.5°	728.5	643.9	590.0	542.0	501.0	463.2	428.2	396.5	377.1	361.1	344.7
-30°	622.5	578.6	536.5	501.6	465.9	433.4	404.1	382.0	364.4	349.4	334.2
-32.5°	557.1	523.4	491.1	461.4	432.0	406.6	384.4	365.8	350.7	337.6	324.7
-35°	497.6	474.1	449.7	426.0	403.9	383.1	364.7	350.3	338.0	326.6	315.7
-37.5°	452.1	433.8	414.6	395.5	377.9	360.8	347.9	336.9	326.4	317.3	307.8
-40°	412.8	397.2	384.8	370.1	356.3	342.9	333.9	324.9	317.0	308.8	300.4
-42.5°	383.1	373.0	361.4	350.1	339.0	330.0	321.9	315.3	308.0	300.8	292.3
-45°	361.9	352.4	342.1	333.4	325.3	318.7	312.2	305.9	299.4	292.0	283.7
-47.5°	342.0	333.9	325.9	319.8	314.4	308.8	302.9	296.6	290.2	282.8	273.7
-50°	322.9	317.9	313.1	308.9	304.6	299.5	293.4	287.2	280.3	272.1	262.8
-52.5°	307.7	305.2	302.4	299.3	294.5	288.8	283.1	276.1	268.7	259.8	250.0
-55°	297.4	294.5	291.1	287.1	282.2	276.4	270.3	263.1	254.8	246.0	235.3
-57.5°	286.0	282.1	277.9	273.2	268.3	262.1	255.2	247.8	239.1	229.5	219.5
-60°	270.8	266.8	262.1	256.9	251.4	245.3	237.8	229.9	221.5	212.1	202.3
-62.5°	252.0	248.0	243.2	237.5	231.6	225.4	218.2	210.3	202.2	193.7	184.1
-65°	229.3	224.6	220.0	215.0	209.3	202.9	196.2	189.2	181.8	173.8	165.1
-67.5°	204.6	200.4	196.1	191.1	185.6	179.6	173.6	167.4	160.7	153.8	145.7
-70°	178.7	175.0	170.8	166.3	161.4	156.1	150.9	145.4	139.6	132.9	125.1
-72.5°	151.4	147.9	144.3	140.5	136.6	132.3	127.4	122.1	116.2	109.9	103.6
-75°	123.5	120.9	118.1	114.9	111.2	107.2	102.9	98.5	93.8	88.9	83.7
-77.5°	96.3	94.1	91.6	88.9	86.1	83.1	79.9	76.3	72.5	68.8	64.9
-80°	70.1	67.9	65.7	63.9	61.8	59.5	56.9	54.4	51.8	49.3	46.7
-82.5°	46.2	44.8	43.3	42.1	40.8	39.4	37.9	36.1	34.1	31.9	29.5
-85°	26.2	25.6	24.9	24.2	23.6	22.9	22.2	21.0	19.9	18.7	17.6
-87.5°	9.8	9.2	8.6	8.8	9.0	9.2	9.3	9.0	8.7	8.3	8.0
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
85°	16.8	15.9	14.9	13.8	12.6	11.3	10.4	9.5	8.6	7.7	6.8
82.5°	27.6	26.3	25.0	23.6	22.0	20.3	18.4	16.3	14.0	11.7	10.2
80°	43.8	40.8	37.9	35.0	32.1	29.3	26.9	24.2	21.0	17.8	14.8
77.5°	60.7	56.4	51.9	47.8	43.8	40.0	36.2	32.3	27.9	23.8	19.9
75°	78.3	73.0	67.6	62.1	56.3	50.5	45.7	40.9	35.6	29.9	25.0
72.5°	97.6	91.1	84.1	76.8	70.1	63.2	56.2	49.4	43.4	37.1	30.4
70°	117.2	109.6	101.8	93.3	84.5	75.9	67.9	59.7	51.3	44.2	36.8
67.5°	137.0	127.8	118.8	109.4	99.5	89.5	79.5	70.2	60.8	51.3	43.1
65°	155.7	145.7	135.1	124.7	113.9	102.9	91.8	80.8	70.2	59.7	49.3
62.5°	174.1	163.6	152.0	139.8	127.9	115.9	103.7	91.7	79.5	67.9	56.2
60°	191.9	180.6	168.4	155.1	141.8	128.7	115.5	102.5	89.2	75.9	63.2
57.5°	208.4	197.0	183.7	169.8	155.5	141.1	127.1	113.0	98.7	84.2	70.1
55°	224.2	211.9	198.3	183.8	168.7	153.3	138.4	123.3	107.9	92.4	76.8
52.5°	238.9	226.1	212.0	197.2	181.4	165.2	149.6	133.3	116.9	100.4	83.8
50°	252.0	239.2	224.8	209.5	193.6	176.9	160.5	143.2	125.7	108.2	90.6
47.5°	263.6	251.0	236.8	221.3	204.7	188.1	170.8	153.0	134.1	115.7	97.3
45°	273.5	261.8	247.8	232.1	215.8	198.6	180.6	162.6	142.7	123.0	103.8
42.5°	282.8	271.4	257.9	242.4	226.2	208.8	189.9	171.1	151.0	130.0	110.0
40°	290.7	280.0	267.3	252.1	236.2	218.6	198.9	179.1	159.0	136.9	115.9
37.5°	298.3	287.7	275.2	261.9	245.7	227.5	207.6	186.6	166.3	143.6	121.5
35°	305.2	294.4	283.5	270.4	254.5	236.1	216.0	193.9	172.6	149.9	126.8
32.5°	312.1	300.9	289.9	277.6	262.9	244.4	223.7	200.9	178.6	155.8	131.8
30°	319.8	306.6	295.6	284.3	270.5	251.9	230.6	207.3	184.2	161.3	136.6
27.5°	326.0	311.2	300.7	289.6	276.3	258.9	236.6	213.0	189.3	166.2	141.0
25°	331.1	315.8	304.5	294.1	281.6	264.5	242.1	218.2	194.1	170.4	145.1
22.5°	335.2	319.7	307.5	298.1	286.5	269.6	247.0	222.7	198.4	174.3	148.8
20°	337.5	322.5	309.7	301.4	290.6	273.3	251.1	226.7	202.1	177.7	152.1
17.5°	338.2	324.6	312.5	303.6	293.7	277.1	254.7	230.2	205.3	180.8	155.0
15°	341.4	326.5	314.6	305.5	296.3	280.8	257.7	233.2	208.0	183.5	157.5
12.5°	344.8	328.0	316.0	307.0	298.4	284.3	260.3	235.7	210.1	185.8	159.7
10°	347.7	329.0	316.8	308.2	300.1	287.5	262.3	237.7	212.3	187.6	161.4
7.5°	350.0	329.5	316.9	309.1	301.5	290.1	264.1	239.2	214.3	189.1	162.8
5°	351.8	329.7	316.8	309.7	302.7	291.8	265.5	240.1	215.8	190.2	163.7
2.5°	353.1	329.7	316.4	310.0	303.7	292.8	266.4	240.4	216.9	190.8	164.3
0°	353.6	329.1	315.8	310.1	304.5	293.1	266.7	240.2	217.5	191.0	164.5
-2.5°	353.1	329.7	316.4	310.0	303.7	292.8	266.4	240.4	216.9	190.8	164.3
-5°	351.8	329.7	316.8	309.7	302.7	291.8	265.5	240.1	215.8	190.2	163.7
-7.5°	350.0	329.5	316.9	309.1	301.5	290.1	264.1	239.2	214.3	189.1	162.8
-10°	347.7	329.0	316.8	308.2	300.1	287.5	262.3	237.7	212.3	187.6	161.4
-12.5°	344.8	328.0	316.0	307.0	298.4	284.3	260.3	235.7	210.1	185.8	159.7
-15°	341.4	326.5	314.6	305.5	296.3	280.8	257.7	233.2	208.0	183.5	157.5
-17.5°	338.2	324.6	312.5	303.6	293.7	277.1	254.7	230.2	205.3	180.8	155.0
-20°	337.5	322.5	309.7	301.4	290.6	273.3	251.1	226.7	202.1	177.7	152.1



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	335.2	319.7	307.5	298.1	286.5	269.6	247.0	222.7	198.4	174.3	148.8
-25°	331.1	315.8	304.5	294.1	281.6	264.5	242.1	218.2	194.1	170.4	145.1
-27.5°	326.0	311.2	300.7	289.6	276.3	258.9	236.6	213.0	189.3	166.2	141.0
-30°	319.8	306.6	295.6	284.3	270.5	251.9	230.6	207.3	184.2	161.3	136.6
-32.5°	312.1	300.9	289.9	277.6	262.9	244.4	223.7	200.9	178.6	155.8	131.8
-35°	305.2	294.4	283.5	270.4	254.5	236.1	216.0	193.9	172.6	149.9	126.8
-37.5°	298.3	287.7	275.2	261.9	245.7	227.5	207.6	186.6	166.3	143.6	121.5
-40°	290.7	280.0	267.3	252.1	236.2	218.6	198.9	179.1	159.0	136.9	115.9
-42.5°	282.8	271.4	257.9	242.4	226.2	208.8	189.9	171.1	151.0	130.0	110.0
-45°	273.5	261.8	247.8	232.1	215.8	198.6	180.6	162.6	142.7	123.0	103.8
-47.5°	263.6	251.0	236.8	221.3	204.7	188.1	170.8	153.0	134.1	115.7	97.3
-50°	252.0	239.2	224.8	209.5	193.6	176.9	160.5	143.2	125.7	108.2	90.6
-52.5°	238.9	226.1	212.0	197.2	181.4	165.2	149.6	133.3	116.9	100.4	83.8
-55°	224.2	211.9	198.3	183.8	168.7	153.3	138.4	123.3	107.9	92.4	76.8
-57.5°	208.4	197.0	183.7	169.8	155.5	141.1	127.1	113.0	98.7	84.2	70.1
-60°	191.9	180.6	168.4	155.1	141.8	128.7	115.5	102.5	89.2	75.9	63.2
-62.5°	174.1	163.6	152.0	139.8	127.9	115.9	103.7	91.7	79.5	67.9	56.2
-65°	155.7	145.7	135.1	124.7	113.9	102.9	91.8	80.8	70.2	59.7	49.3
-67.5°	137.0	127.8	118.8	109.4	99.5	89.5	79.5	70.2	60.8	51.3	43.1
-70°	117.2	109.6	101.8	93.3	84.5	75.9	67.9	59.7	51.3	44.2	36.8
-72.5°	97.6	91.1	84.1	76.8	70.1	63.2	56.2	49.4	43.4	37.1	30.4
-75°	78.3	73.0	67.6	62.1	56.3	50.5	45.7	40.9	35.6	29.9	25.0
-77.5°	60.7	56.4	51.9	47.8	43.8	40.0	36.2	32.3	27.9	23.8	19.9
-80°	43.8	40.8	37.9	35.0	32.1	29.3	26.9	24.2	21.0	17.8	14.8
-82.5°	27.6	26.3	25.0	23.6	22.0	20.3	18.4	16.3	14.0	11.7	10.2
-85°	16.8	15.9	14.9	13.8	12.6	11.3	10.4	9.5	8.6	7.7	6.8
-87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
-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: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-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°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
80°	11.8	9.7	7.8	5.9	3.9	2.0	0.0
77.5°	16.2	12.6	9.7	7.3	4.9	2.4	0.0
75°	20.5	16.3	11.9	8.8	5.8	2.9	0.0
72.5°	24.8	20.0	14.9	10.2	6.8	3.4	0.0
70°	29.3	23.7	17.9	11.7	7.7	3.9	0.0
67.5°	34.8	27.3	20.8	14.0	8.6	4.3	0.0
65°	40.1	31.3	23.8	16.2	9.5	4.8	0.0
62.5°	45.4	35.6	26.6	18.4	10.4	5.2	0.0
60°	50.5	39.8	29.5	20.6	11.3	5.6	0.0
57.5°	56.3	43.9	32.7	22.7	12.7	6.1	0.0
55°	62.1	47.9	35.8	24.8	14.1	6.5	0.0
52.5°	67.6	51.9	38.9	26.8	15.4	6.9	0.0
50°	73.0	56.4	41.8	28.7	16.7	7.3	0.0
47.5°	78.3	60.7	44.6	30.7	18.0	7.6	0.0
45°	83.9	64.9	47.3	32.7	19.2	8.0	0.0
42.5°	89.2	68.9	49.9	34.6	20.3	8.3	0.0
40°	94.4	72.7	52.6	36.4	21.4	8.7	0.0
37.5°	99.3	76.3	55.5	38.2	22.4	9.0	0.0
35°	104.0	80.0	58.3	39.8	23.4	9.3	0.0
32.5°	108.4	83.7	60.8	41.3	24.3	9.5	0.0
30°	112.4	87.2	63.2	42.7	25.2	9.8	0.0
27.5°	116.2	90.4	65.5	44.0	26.0	10.0	0.0
25°	119.6	93.4	67.7	45.2	26.7	10.2	0.0
22.5°	122.8	96.1	69.7	46.3	27.4	10.4	0.0
20°	125.7	98.6	71.5	47.3	28.0	10.6	0.0
17.5°	128.1	100.8	73.2	48.2	28.5	10.8	0.0
15°	130.3	102.7	74.6	49.0	29.0	10.9	0.0
12.5°	132.1	104.3	75.9	49.6	29.4	11.0	0.0
10°	133.6	105.5	77.0	50.1	29.7	11.1	0.0
7.5°	134.7	106.5	77.9	50.6	30.0	11.2	0.0
5°	135.5	107.2	78.6	50.9	30.2	11.3	0.0
2.5°	136.0	107.7	79.1	51.0	30.3	11.3	0.0
0°	136.2	107.8	79.4	51.1	30.3	11.3	0.0
-2.5°	136.0	107.7	79.1	51.0	30.3	11.3	0.0
-5°	135.5	107.2	78.6	50.9	30.2	11.3	0.0
-7.5°	134.7	106.5	77.9	50.6	30.0	11.2	0.0
-10°	133.6	105.5	77.0	50.1	29.7	11.1	0.0
-12.5°	132.1	104.3	75.9	49.6	29.4	11.0	0.0
-15°	130.3	102.7	74.6	49.0	29.0	10.9	0.0
-17.5°	128.1	100.8	73.2	48.2	28.5	10.8	0.0
-20°	125.7	98.6	71.5	47.3	28.0	10.6	0.0



REPORT NUMBER: P559047 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.8	96.1	69.7	46.3	27.4	10.4	0.0
-25°	119.6	93.4	67.7	45.2	26.7	10.2	0.0
-27.5°	116.2	90.4	65.5	44.0	26.0	10.0	0.0
-30°	112.4	87.2	63.2	42.7	25.2	9.8	0.0
-32.5°	108.4	83.7	60.8	41.3	24.3	9.5	0.0
-35°	104.0	80.0	58.3	39.8	23.4	9.3	0.0
-37.5°	99.3	76.3	55.5	38.2	22.4	9.0	0.0
-40°	94.4	72.7	52.6	36.4	21.4	8.7	0.0
-42.5°	89.2	68.9	49.9	34.6	20.3	8.3	0.0
-45°	83.9	64.9	47.3	32.7	19.2	8.0	0.0
-47.5°	78.3	60.7	44.6	30.7	18.0	7.6	0.0
-50°	73.0	56.4	41.8	28.7	16.7	7.3	0.0
-52.5°	67.6	51.9	38.9	26.8	15.4	6.9	0.0
-55°	62.1	47.9	35.8	24.8	14.1	6.5	0.0
-57.5°	56.3	43.9	32.7	22.7	12.7	6.1	0.0
-60°	50.5	39.8	29.5	20.6	11.3	5.6	0.0
-62.5°	45.4	35.6	26.6	18.4	10.4	5.2	0.0
-65°	40.1	31.3	23.8	16.2	9.5	4.8	0.0
-67.5°	34.8	27.3	20.8	14.0	8.6	4.3	0.0
-70°	29.3	23.7	17.9	11.7	7.7	3.9	0.0
-72.5°	24.8	20.0	14.9	10.2	6.8	3.4	0.0
-75°	20.5	16.3	11.9	8.8	5.8	2.9	0.0
-77.5°	16.2	12.6	9.7	7.3	4.9	2.4	0.0
-80°	11.8	9.7	7.8	5.9	3.9	2.0	0.0
-82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
-85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)