

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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559040 (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-SA5C-927-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

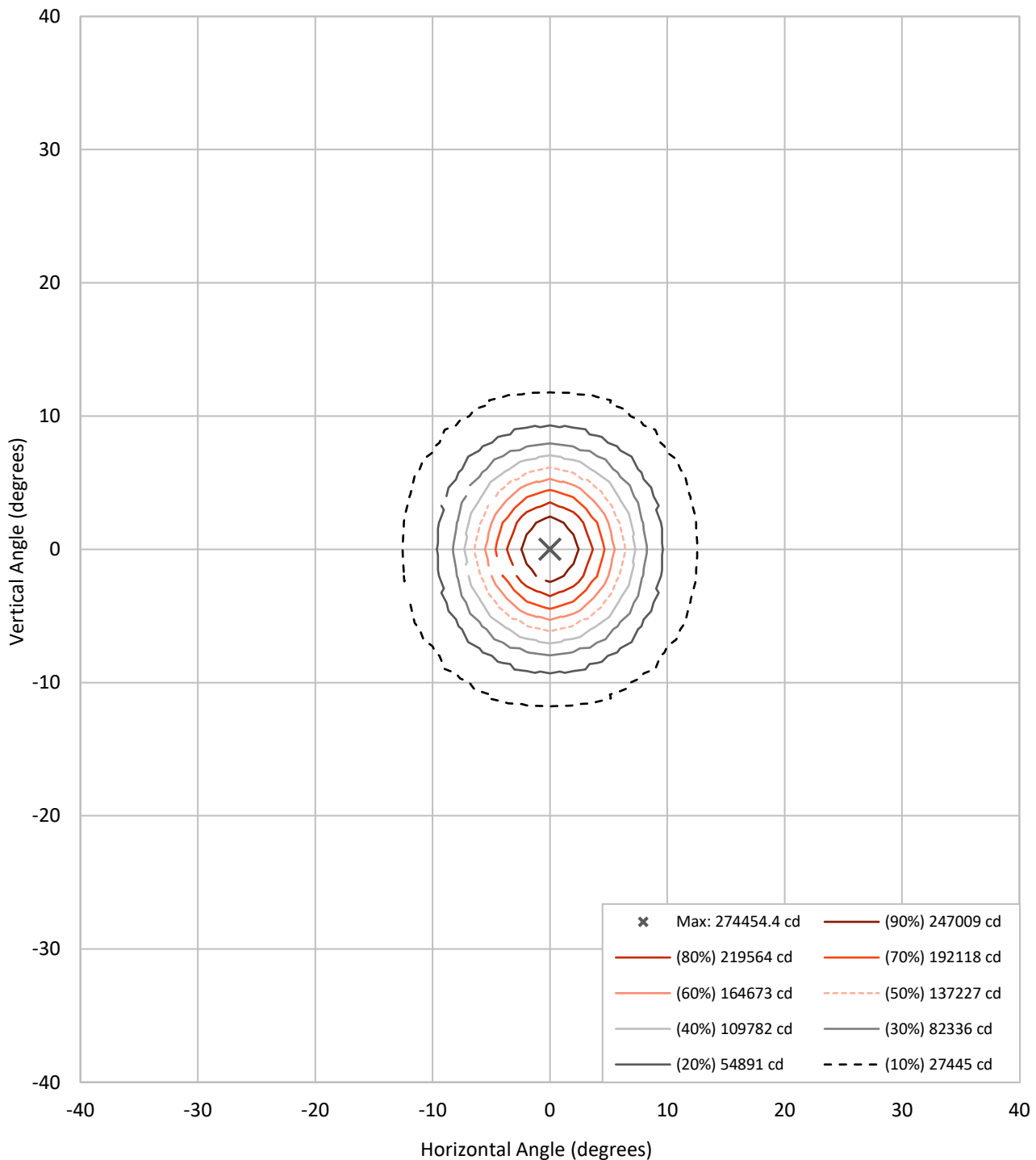
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19894.3 lumens	Max Intensity:	274454.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6286.3 lumens	Field Lumens:	13926.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

Iso-Candela Plot





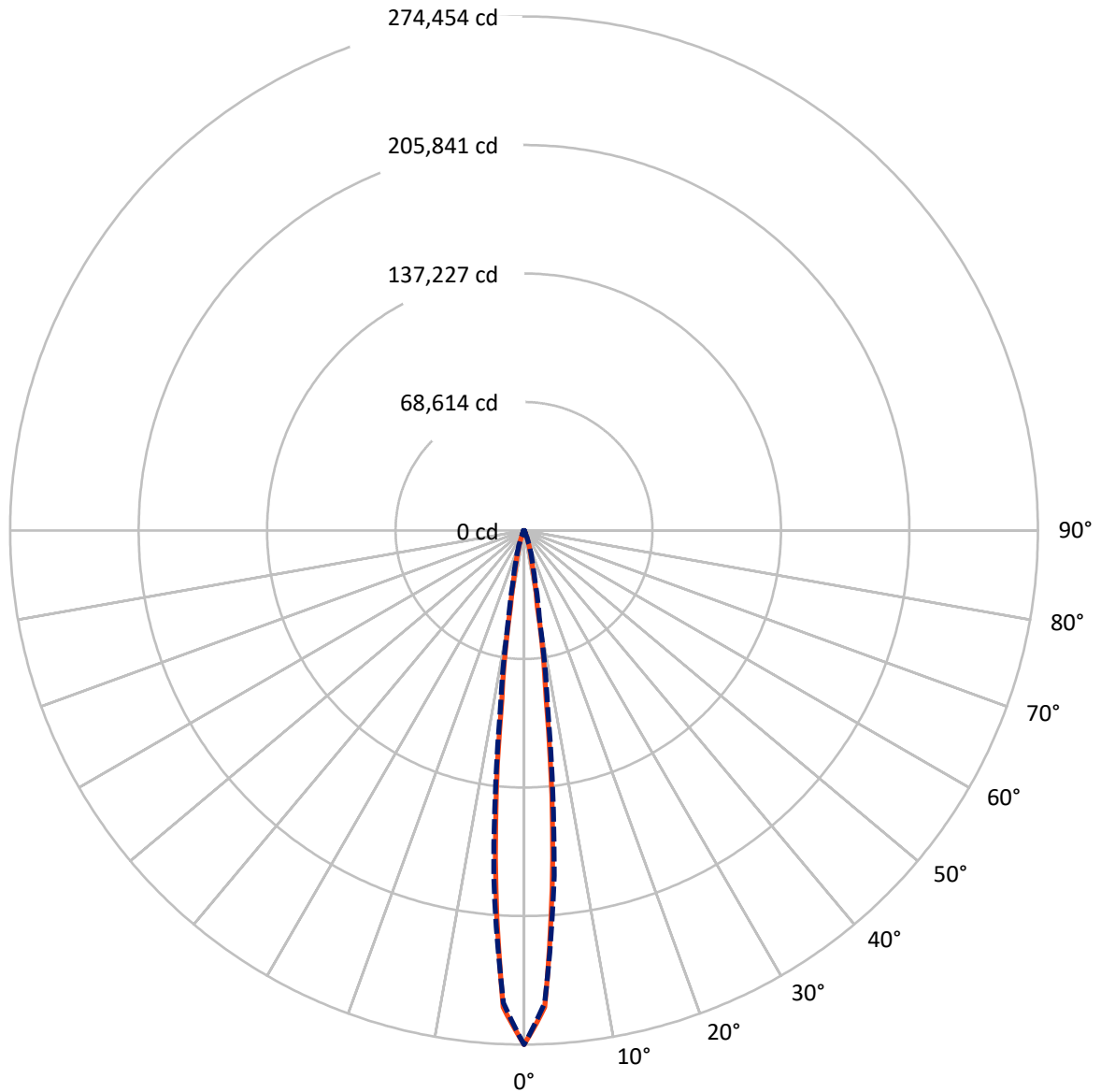
REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

Lumen Table

90	0.3	2.3		6.4		10.3		11.9		10.3		6.4		2.3		0.3			
80	0.3	2.3		6.4		10.3		11.9		10.3		6.4		2.3		0.3			
70	1.0	1.2	2.6	4.3	5.8	7.2	8.2	8.7	8.7	8.2	7.2	5.8	4.3	2.6	1.2	1.0			
60		1.9	3.8	5.8	7.5	8.9	9.8	10.1	10.1	9.8	8.9	7.5	5.8	3.8	1.9				
50	1.9	2.5	4.7	6.8	8.4	9.9	11.1	11.6	11.6	11.1	9.9	8.4	6.8	4.7	2.5	1.9			
40		3.0	5.3	7.3	9.4	12.1	15.2	17.1	17.1	15.2	12.1	9.4	7.3	5.3	3.0				
30	2.6	3.3	5.6	7.8	11.1	17.2	38.2	69.4	69.4	38.2	17.2	11.1	7.8	5.6	3.3	2.6			
20		3.5	5.8	8.2	13.1	37.0	208.6	458.9	458.9	208.6	37.0	13.1	8.2	5.8	3.5				
10	2.8	3.6	5.8	8.5	14.5	70.9	500.8	3239.6	3239.6	500.8	70.9	14.5	8.5	5.8	3.6	2.8			
0		3.6	5.8	8.5	14.5	70.9	500.8	3239.6	3239.6	500.8	70.9	14.5	8.5	5.8	3.6				
-10	2.6	3.5	5.8	8.2	13.1	37.0	208.6	458.9	458.9	208.6	37.0	13.1	8.2	5.8	3.5	2.6			
-20		3.3	5.6	7.8	11.1	17.2	38.2	69.4	69.4	38.2	17.2	11.1	7.8	5.6	3.3				
-30	1.9	3.0	5.3	7.3	9.4	12.1	15.2	17.1	17.1	15.2	12.1	9.4	7.3	5.3	3.0	1.9			
-40		2.5	4.7	6.8	8.4	9.9	11.1	11.6	11.6	11.1	9.9	8.4	6.8	4.7	2.5				
-50	1.0	1.9	3.8	5.8	7.5	8.9	9.8	10.1	10.1	9.8	8.9	7.5	5.8	3.8	1.9	1.0			
-60		1.2	2.6	4.3	5.8	7.2	8.2	8.7	8.7	8.2	7.2	5.8	4.3	2.6	1.2				
-70	0.3	2.3		6.4		10.3		11.9		10.3		6.4		2.3		0.3			
-80		2.3		6.4		10.3		11.9		10.3		6.4		2.3					
-90	0.3	2.3		6.4		10.3		11.9		10.3		6.4		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

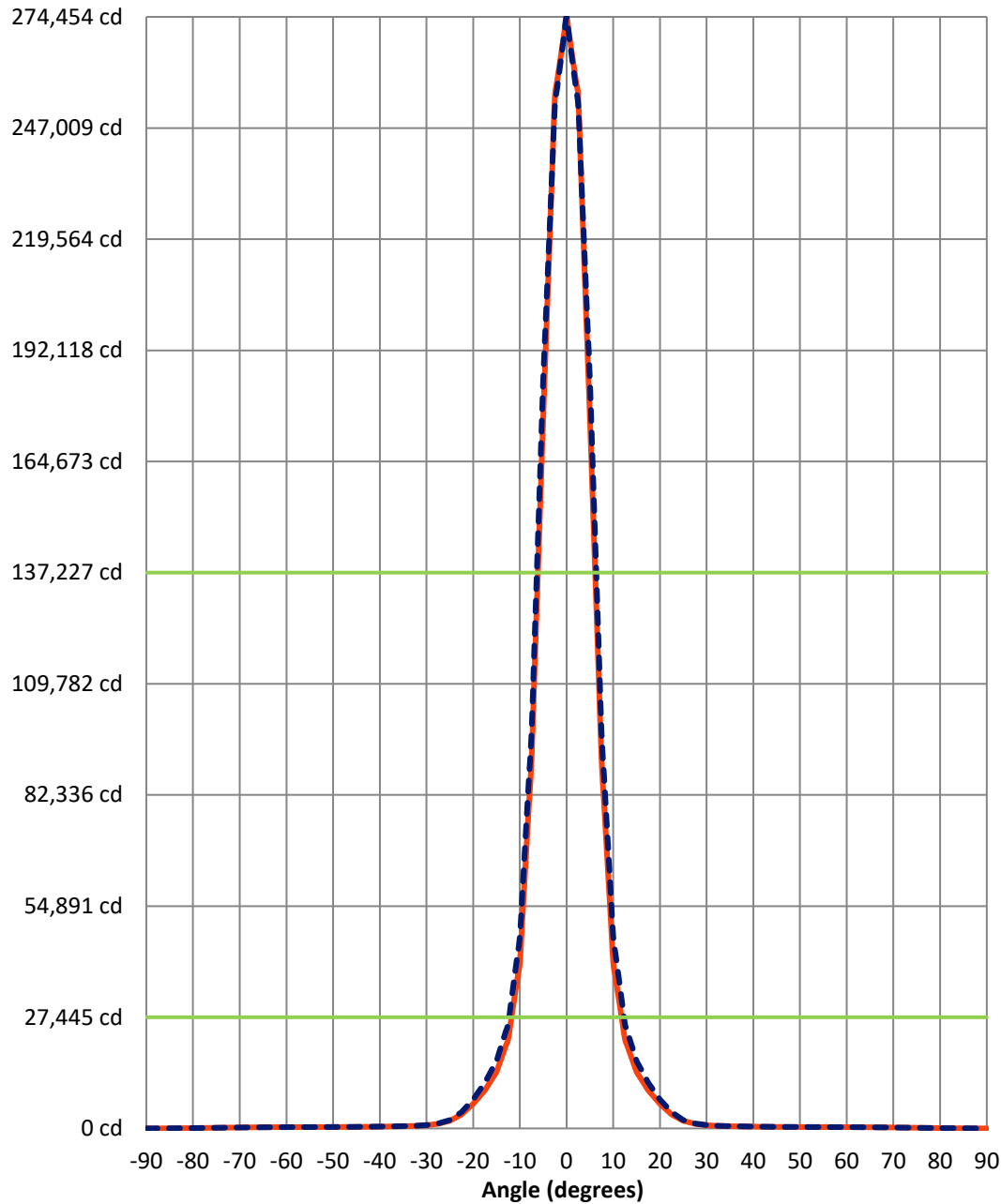
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 6286.3
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 13926.3
Efficiency: 70.0%

Spill:
Lumens: 5968
Efficiency: 30.0%

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



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-TS-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	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.4	4.9	5.5
85°	0.0	1.3	2.6	3.7	4.8	5.8	6.7	7.7	8.8	9.9	10.9
82.5°	0.0	1.9	3.9	5.6	7.2	8.7	10.0	11.6	13.4	15.8	18.3
80°	0.0	2.6	5.1	7.5	9.6	11.6	13.5	16.6	19.9	23.3	26.8
77.5°	0.0	3.2	6.4	9.3	12.0	14.8	18.2	22.2	26.4	30.8	35.4
75°	0.0	3.8	7.7	11.1	14.5	18.7	22.9	27.7	33.0	38.9	44.5
72.5°	0.0	4.4	8.9	12.9	17.6	22.6	27.6	33.5	40.6	47.3	53.6
70°	0.0	5.1	10.1	14.8	20.7	26.4	32.3	40.3	48.1	55.7	66.0
67.5°	0.0	5.7	11.3	17.1	23.7	30.2	38.1	46.9	55.7	67.1	79.0
65°	0.0	6.3	12.5	19.4	26.7	34.4	43.8	53.5	65.4	78.3	92.0
62.5°	0.0	6.8	13.7	21.6	29.6	39.0	49.4	61.1	74.9	89.4	105.4
60°	0.0	7.4	14.8	23.7	32.5	43.4	54.8	69.0	84.0	101.2	118.5
57.5°	0.0	8.0	16.2	25.8	35.9	47.8	61.2	76.7	94.0	112.8	131.7
55°	0.0	8.5	17.5	27.9	39.2	52.0	67.7	84.2	104.0	124.1	144.8
52.5°	0.0	9.0	18.8	29.8	42.4	56.2	73.9	92.7	113.7	135.6	157.6
50°	0.0	9.5	20.1	31.8	45.5	61.3	80.0	100.9	123.3	146.7	170.3
47.5°	0.0	10.0	21.3	33.7	48.5	66.2	86.0	108.9	132.8	157.5	182.7
45°	0.0	10.5	22.4	35.9	51.4	70.8	92.5	116.5	142.1	168.3	194.8
42.5°	0.0	10.9	23.6	37.9	54.1	75.3	98.7	124.1	151.0	178.8	205.1
40°	0.0	11.3	24.6	39.8	57.1	79.6	104.6	131.5	159.6	188.8	214.7
37.5°	0.0	11.7	25.6	41.6	60.4	83.7	110.2	138.6	168.0	197.9	223.8
35°	0.0	12.1	26.6	43.2	63.4	87.9	115.4	145.2	175.9	205.5	232.1
32.5°	0.0	12.5	27.5	44.8	66.3	91.9	120.4	151.5	183.2	212.6	239.2
30°	0.0	12.8	28.3	46.2	69.0	95.8	125.4	157.3	190.1	219.3	245.8
27.5°	0.0	13.1	29.1	47.5	71.5	99.3	130.0	162.9	196.0	225.5	251.9
25°	0.0	13.4	29.8	48.7	73.7	102.5	134.3	167.9	201.0	230.7	257.5
22.5°	0.0	13.7	30.5	49.7	75.8	105.4	138.1	172.4	205.5	235.2	261.7
20°	0.0	13.9	31.1	50.7	77.7	108.0	141.6	176.5	209.5	239.3	265.5
17.5°	0.0	14.1	31.6	51.5	79.3	110.4	144.7	180.0	213.1	242.8	268.9
15°	0.0	14.3	32.0	52.1	80.8	112.5	147.5	183.0	216.1	245.9	271.9
12.5°	0.0	14.4	32.4	52.7	82.1	114.2	149.8	185.5	218.7	248.4	274.5
10°	0.0	14.6	32.7	53.1	83.1	115.6	151.7	187.5	220.7	250.4	276.5
7.5°	0.0	14.7	33.0	53.4	83.9	116.8	153.3	189.0	222.2	251.9	277.9
5°	0.0	14.7	33.2	53.6	84.5	117.6	154.3	189.9	223.2	252.8	278.8
2.5°	0.0	14.8	33.3	53.7	84.9	118.0	155.0	190.4	223.7	253.2	279.2
0°	0.0	14.8	33.3	53.6	85.0	118.2	155.2	190.3	223.6	253.1	279.0
-2.5°	0.0	14.8	33.3	53.7	84.9	118.0	155.0	190.4	223.7	253.2	279.2
-5°	0.0	14.7	33.2	53.6	84.5	117.6	154.3	189.9	223.2	252.8	278.8
-7.5°	0.0	14.7	33.0	53.4	83.9	116.8	153.3	189.0	222.2	251.9	277.9
-10°	0.0	14.6	32.7	53.1	83.1	115.6	151.7	187.5	220.7	250.4	276.5
-12.5°	0.0	14.4	32.4	52.7	82.1	114.2	149.8	185.5	218.7	248.4	274.5
-15°	0.0	14.3	32.0	52.1	80.8	112.5	147.5	183.0	216.1	245.9	271.9
-17.5°	0.0	14.1	31.6	51.5	79.3	110.4	144.7	180.0	213.1	242.8	268.9
-20°	0.0	13.9	31.1	50.7	77.7	108.0	141.6	176.5	209.5	239.3	265.5



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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	13.7	30.5	49.7	75.8	105.4	138.1	172.4	205.5	235.2	261.7
-25°	0.0	13.4	29.8	48.7	73.7	102.5	134.3	167.9	201.0	230.7	257.5
-27.5°	0.0	13.1	29.1	47.5	71.5	99.3	130.0	162.9	196.0	225.5	251.9
-30°	0.0	12.8	28.3	46.2	69.0	95.8	125.4	157.3	190.1	219.3	245.8
-32.5°	0.0	12.5	27.5	44.8	66.3	91.9	120.4	151.5	183.2	212.6	239.2
-35°	0.0	12.1	26.6	43.2	63.4	87.9	115.4	145.2	175.9	205.5	232.1
-37.5°	0.0	11.7	25.6	41.6	60.4	83.7	110.2	138.6	168.0	197.9	223.8
-40°	0.0	11.3	24.6	39.8	57.1	79.6	104.6	131.5	159.6	188.8	214.7
-42.5°	0.0	10.9	23.6	37.9	54.1	75.3	98.7	124.1	151.0	178.8	205.1
-45°	0.0	10.5	22.4	35.9	51.4	70.8	92.5	116.5	142.1	168.3	194.8
-47.5°	0.0	10.0	21.3	33.7	48.5	66.2	86.0	108.9	132.8	157.5	182.7
-50°	0.0	9.5	20.1	31.8	45.5	61.3	80.0	100.9	123.3	146.7	170.3
-52.5°	0.0	9.0	18.8	29.8	42.4	56.2	73.9	92.7	113.7	135.6	157.6
-55°	0.0	8.5	17.5	27.9	39.2	52.0	67.7	84.2	104.0	124.1	144.8
-57.5°	0.0	8.0	16.2	25.8	35.9	47.8	61.2	76.7	94.0	112.8	131.7
-60°	0.0	7.4	14.8	23.7	32.5	43.4	54.8	69.0	84.0	101.2	118.5
-62.5°	0.0	6.8	13.7	21.6	29.6	39.0	49.4	61.1	74.9	89.4	105.4
-65°	0.0	6.3	12.5	19.4	26.7	34.4	43.8	53.5	65.4	78.3	92.0
-67.5°	0.0	5.7	11.3	17.1	23.7	30.2	38.1	46.9	55.7	67.1	79.0
-70°	0.0	5.1	10.1	14.8	20.7	26.4	32.3	40.3	48.1	55.7	66.0
-72.5°	0.0	4.4	8.9	12.9	17.6	22.6	27.6	33.5	40.6	47.3	53.6
-75°	0.0	3.8	7.7	11.1	14.5	18.7	22.9	27.7	33.0	38.9	44.5
-77.5°	0.0	3.2	6.4	9.3	12.0	14.8	18.2	22.2	26.4	30.8	35.4
-80°	0.0	2.6	5.1	7.5	9.6	11.6	13.5	16.6	19.9	23.3	26.8
-82.5°	0.0	1.9	3.9	5.6	7.2	8.7	10.0	11.6	13.4	15.8	18.3
-85°	0.0	1.3	2.6	3.7	4.8	5.8	6.7	7.7	8.8	9.9	10.9
-87.5°	0.0	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.4	4.9	5.5
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	6.0	6.4	6.9	7.4	7.9	8.3	8.7	9.1	9.5	9.9	10.2
85°	11.9	12.9	14.2	15.3	16.4	17.4	18.3	19.0	20.1	21.3	22.4
82.5°	20.4	22.2	23.7	24.9	26.3	27.5	28.9	31.0	33.8	36.5	39.0
80°	29.4	31.4	34.4	37.6	41.0	44.3	47.5	50.5	53.8	57.4	61.2
77.5°	39.4	43.6	48.2	53.1	57.9	63.4	69.0	74.7	79.8	84.3	88.3
75°	49.9	55.6	63.2	70.9	78.2	85.4	92.7	99.9	106.1	111.9	117.7
72.5°	62.1	71.4	80.5	89.4	98.8	107.8	116.3	124.3	132.3	140.2	147.7
70°	76.7	87.3	98.3	109.5	120.4	130.4	140.3	150.3	160.2	169.0	177.0
67.5°	91.3	104.0	116.7	129.3	141.2	152.6	164.3	175.8	186.8	196.1	204.4
65°	106.4	120.5	134.6	148.3	161.3	174.7	187.8	200.5	210.9	219.5	227.8
62.5°	121.1	137.0	152.4	167.3	182.0	196.7	209.3	220.8	231.5	240.8	249.8
60°	136.1	153.3	170.1	186.5	202.1	215.5	228.4	239.9	250.6	260.8	268.4
57.5°	150.8	169.5	187.6	204.5	219.4	233.3	245.7	257.7	267.0	275.2	283.5
55°	165.3	185.4	204.1	220.7	235.8	249.1	261.6	271.7	280.9	288.7	296.8
52.5°	179.6	200.6	219.0	235.8	250.4	263.5	274.5	284.5	293.1	301.1	307.7
50°	193.6	214.1	233.3	249.1	263.6	275.9	286.3	295.9	304.3	311.5	317.5
47.5°	206.0	227.2	245.2	261.5	275.2	286.9	296.9	306.1	314.4	320.8	326.8
45°	217.5	238.4	256.8	272.3	285.7	296.7	306.4	315.9	322.8	329.1	333.8
42.5°	228.6	248.8	266.7	282.8	294.6	305.2	315.1	323.3	330.5	336.0	341.0
40°	238.0	258.9	276.0	290.6	302.7	312.8	322.0	330.2	337.3	342.7	348.0
37.5°	246.9	267.1	284.4	298.0	309.3	319.3	328.4	336.1	343.0	348.8	356.0
35°	255.5	274.8	290.9	304.2	315.2	325.1	333.8	341.6	348.4	356.3	364.7
32.5°	262.7	282.1	297.1	309.2	320.1	330.2	338.8	346.8	354.6	363.6	373.9
30°	268.9	287.6	302.4	313.7	324.6	334.1	343.4	352.0	360.6	371.3	384.9
27.5°	274.4	292.5	306.3	317.6	328.6	337.6	347.3	356.9	367.1	379.6	396.7
25°	279.7	297.0	309.7	321.2	331.4	340.8	350.8	360.7	373.4	389.9	412.2
22.5°	283.9	301.3	312.7	324.4	333.8	343.7	353.9	365.0	379.4	399.5	428.6
20°	287.3	303.8	315.2	326.9	335.8	346.3	356.7	368.8	386.0	412.1	445.8
17.5°	290.4	305.9	317.4	328.3	337.7	348.4	359.2	371.9	391.4	423.9	461.7
15°	293.2	307.7	319.1	329.5	339.4	350.1	361.4	375.9	398.6	435.3	476.0
12.5°	295.5	309.1	320.4	330.4	340.7	351.2	363.3	379.3	406.3	445.9	490.1
10°	297.5	310.2	321.3	331.1	341.7	351.9	364.7	381.5	411.7	451.9	498.6
7.5°	298.7	311.0	321.9	331.4	342.3	352.0	365.8	382.7	415.1	455.1	503.2
5°	299.4	311.7	322.7	332.0	343.0	352.5	366.7	382.9	416.5	455.7	504.9
2.5°	299.6	312.1	323.1	332.5	343.5	353.8	368.4	384.9	417.8	457.9	506.1
0°	299.3	312.3	323.3	332.6	343.7	354.7	369.5	386.2	417.6	460.1	506.3
-2.5°	299.6	312.1	323.1	332.5	343.5	353.8	368.4	384.9	417.8	457.9	506.1
-5°	299.4	311.7	322.7	332.0	343.0	352.5	366.7	382.9	416.5	455.7	504.9
-7.5°	298.7	311.0	321.9	331.4	342.3	352.0	365.8	382.7	415.1	455.1	503.2
-10°	297.5	310.2	321.3	331.1	341.7	351.9	364.7	381.5	411.7	451.9	498.6
-12.5°	295.5	309.1	320.4	330.4	340.7	351.2	363.3	379.3	406.3	445.9	490.1
-15°	293.2	307.7	319.1	329.5	339.4	350.1	361.4	375.9	398.6	435.3	476.0
-17.5°	290.4	305.9	317.4	328.3	337.7	348.4	359.2	371.9	391.4	423.9	461.7
-20°	287.3	303.8	315.2	326.9	335.8	346.3	356.7	368.8	386.0	412.1	445.8



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	283.9	301.3	312.7	324.4	333.8	343.7	353.9	365.0	379.4	399.5	428.6
-25°	279.7	297.0	309.7	321.2	331.4	340.8	350.8	360.7	373.4	389.9	412.2
-27.5°	274.4	292.5	306.3	317.6	328.6	337.6	347.3	356.9	367.1	379.6	396.7
-30°	268.9	287.6	302.4	313.7	324.6	334.1	343.4	352.0	360.6	371.3	384.9
-32.5°	262.7	282.1	297.1	309.2	320.1	330.2	338.8	346.8	354.6	363.6	373.9
-35°	255.5	274.8	290.9	304.2	315.2	325.1	333.8	341.6	348.4	356.3	364.7
-37.5°	246.9	267.1	284.4	298.0	309.3	319.3	328.4	336.1	343.0	348.8	356.0
-40°	238.0	258.9	276.0	290.6	302.7	312.8	322.0	330.2	337.3	342.7	348.0
-42.5°	228.6	248.8	266.7	282.8	294.6	305.2	315.1	323.3	330.5	336.0	341.0
-45°	217.5	238.4	256.8	272.3	285.7	296.7	306.4	315.9	322.8	329.1	333.8
-47.5°	206.0	227.2	245.2	261.5	275.2	286.9	296.9	306.1	314.4	320.8	326.8
-50°	193.6	214.1	233.3	249.1	263.6	275.9	286.3	295.9	304.3	311.5	317.5
-52.5°	179.6	200.6	219.0	235.8	250.4	263.5	274.5	284.5	293.1	301.1	307.7
-55°	165.3	185.4	204.1	220.7	235.8	249.1	261.6	271.7	280.9	288.7	296.8
-57.5°	150.8	169.5	187.6	204.5	219.4	233.3	245.7	257.7	267.0	275.2	283.5
-60°	136.1	153.3	170.1	186.5	202.1	215.5	228.4	239.9	250.6	260.8	268.4
-62.5°	121.1	137.0	152.4	167.3	182.0	196.7	209.3	220.8	231.5	240.8	249.8
-65°	106.4	120.5	134.6	148.3	161.3	174.7	187.8	200.5	210.9	219.5	227.8
-67.5°	91.3	104.0	116.7	129.3	141.2	152.6	164.3	175.8	186.8	196.1	204.4
-70°	76.7	87.3	98.3	109.5	120.4	130.4	140.3	150.3	160.2	169.0	177.0
-72.5°	62.1	71.4	80.5	89.4	98.8	107.8	116.3	124.3	132.3	140.2	147.7
-75°	49.9	55.6	63.2	70.9	78.2	85.4	92.7	99.9	106.1	111.9	117.7
-77.5°	39.4	43.6	48.2	53.1	57.9	63.4	69.0	74.7	79.8	84.3	88.3
-80°	29.4	31.4	34.4	37.6	41.0	44.3	47.5	50.5	53.8	57.4	61.2
-82.5°	20.4	22.2	23.7	24.9	26.3	27.5	28.9	31.0	33.8	36.5	39.0
-85°	11.9	12.9	14.2	15.3	16.4	17.4	18.3	19.0	20.1	21.3	22.4
-87.5°	6.0	6.4	6.9	7.4	7.9	8.3	8.7	9.1	9.5	9.9	10.2
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	10.6	10.5	10.4	10.2	10.1	10.3	10.4	10.6	10.7	10.8	10.9
85°	23.5	24.5	25.5	26.5	27.6	28.3	28.9	29.5	30.0	30.4	30.8
82.5°	41.3	43.4	45.3	47.1	48.6	49.9	51.0	52.0	52.9	53.7	54.3
80°	64.5	67.7	70.7	73.5	76.1	78.2	79.9	81.4	82.5	83.8	84.9
77.5°	92.2	96.7	100.9	104.7	108.1	111.0	113.5	115.6	117.5	119.7	121.7
75°	123.5	128.9	133.7	138.2	142.3	146.0	149.3	152.1	154.6	157.0	159.1
72.5°	154.8	161.3	166.9	171.7	176.0	180.2	184.4	188.2	191.8	194.5	196.4
70°	184.3	190.9	196.9	202.4	207.5	212.8	218.1	223.1	227.5	230.5	232.1
67.5°	211.3	218.1	225.0	231.8	237.8	243.3	248.7	253.5	257.9	260.9	262.8
65°	235.8	243.2	250.7	257.6	264.0	268.7	273.5	278.2	282.5	286.0	288.5
62.5°	258.6	266.0	272.2	278.1	283.6	288.3	293.0	297.3	301.0	304.3	307.4
60°	276.0	283.5	289.6	295.1	300.2	304.9	308.6	311.8	314.3	316.4	318.3
57.5°	291.0	298.1	304.3	308.8	313.3	317.8	321.0	323.0	324.5	325.7	326.5
55°	303.9	309.6	314.8	319.8	324.2	328.1	330.9	332.3	333.1	333.5	334.0
52.5°	314.2	319.8	325.2	329.9	333.4	336.6	339.5	340.2	340.7	340.9	340.9
50°	323.7	329.2	333.4	337.4	341.0	344.0	346.4	347.5	348.2	348.3	347.9
47.5°	331.4	336.1	340.7	344.8	348.5	351.9	354.6	356.2	357.3	357.8	357.8
45°	338.1	343.6	348.5	353.3	357.5	362.0	365.7	368.3	370.9	372.7	373.5
42.5°	346.1	351.6	357.0	363.6	369.7	375.4	381.8	387.3	393.0	399.1	403.3
40°	354.1	360.0	368.5	376.4	385.3	393.4	406.7	419.9	429.9	438.4	446.1
37.5°	363.3	372.0	382.1	392.3	406.9	422.0	438.7	455.1	469.3	482.1	492.5
35°	373.9	385.6	398.0	416.2	434.8	453.4	473.3	495.1	513.5	527.0	536.7
32.5°	386.9	401.6	421.4	444.7	467.5	491.6	515.7	540.0	558.2	576.9	595.8
30°	401.3	422.5	448.1	476.4	504.9	533.7	564.0	597.6	629.6	664.0	713.1
27.5°	419.6	445.5	475.5	509.1	543.3	577.8	630.5	688.2	773.9	842.4	958.5
25°	439.2	469.5	505.3	544.2	586.1	647.6	744.1	858.0	1060.0	1216.6	1454.2
22.5°	461.0	496.7	536.3	581.0	648.4	764.6	929.5	1222.2	1629.4	2031.6	2478.9
20°	482.5	522.0	565.4	632.9	747.6	931.4	1288.6	1921.3	2628.1	3634.3	4478.8
17.5°	502.9	544.9	599.9	691.3	862.9	1232.6	1924.4	3008.2	4484.3	6106.2	7458.8
15°	520.8	563.8	637.9	782.6	1072.5	1648.3	2692.8	4537.5	7017.5	9238.2	11218.9
12.5°	536.0	586.8	679.0	856.2	1254.6	2106.8	3782.4	6401.7	9430.2	12544.7	15051.3
10°	547.0	611.3	733.9	992.5	1543.8	2652.4	4690.5	7994.5	11641.0	15426.3	19957.6
7.5°	553.7	628.8	775.5	1093.8	1801.7	3260.0	5829.7	9416.7	13604.2	18771.5	25694.8
5°	558.4	640.6	806.3	1170.0	1974.0	3661.6	6548.9	10494.1	15298.0	22769.7	37018.2
2.5°	560.7	645.9	823.8	1211.8	2052.6	3868.1	7055.1	11111.1	16328.6	25590.2	44862.5
0°	559.8	643.0	825.9	1221.3	2063.8	4026.0	7139.3	11287.3	16676.8	25843.0	47377.3
-2.5°	560.7	645.9	823.8	1211.8	2052.6	3868.1	7055.1	11111.1	16328.6	25590.2	44862.5
-5°	558.4	640.6	806.3	1170.0	1974.0	3661.6	6548.9	10494.1	15298.0	22769.7	37018.2
-7.5°	553.7	628.8	775.5	1093.8	1801.7	3260.0	5829.7	9416.7	13604.2	18771.5	25694.8
-10°	547.0	611.3	733.9	992.5	1543.8	2652.4	4690.5	7994.5	11641.0	15426.3	19957.6
-12.5°	536.0	586.8	679.0	856.2	1254.6	2106.8	3782.4	6401.7	9430.2	12544.7	15051.3
-15°	520.8	563.8	637.9	782.6	1072.5	1648.3	2692.8	4537.5	7017.5	9238.2	11218.9
-17.5°	502.9	544.9	599.9	691.3	862.9	1232.6	1924.4	3008.2	4484.3	6106.2	7458.8
-20°	482.5	522.0	565.4	632.9	747.6	931.4	1288.6	1921.3	2628.1	3634.3	4478.8



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	461.0	496.7	536.3	581.0	648.4	764.6	929.5	1222.2	1629.4	2031.6	2478.9
-25°	439.2	469.5	505.3	544.2	586.1	647.6	744.1	858.0	1060.0	1216.6	1454.2
-27.5°	419.6	445.5	475.5	509.1	543.3	577.8	630.5	688.2	773.9	842.4	958.5
-30°	401.3	422.5	448.1	476.4	504.9	533.7	564.0	597.6	629.6	664.0	713.1
-32.5°	386.9	401.6	421.4	444.7	467.5	491.6	515.7	540.0	558.2	576.9	595.8
-35°	373.9	385.6	398.0	416.2	434.8	453.4	473.3	495.1	513.5	527.0	536.7
-37.5°	363.3	372.0	382.1	392.3	406.9	422.0	438.7	455.1	469.3	482.1	492.5
-40°	354.1	360.0	368.5	376.4	385.3	393.4	406.7	419.9	429.9	438.4	446.1
-42.5°	346.1	351.6	357.0	363.6	369.7	375.4	381.8	387.3	393.0	399.1	403.3
-45°	338.1	343.6	348.5	353.3	357.5	362.0	365.7	368.3	370.9	372.7	373.5
-47.5°	331.4	336.1	340.7	344.8	348.5	351.9	354.6	356.2	357.3	357.8	357.8
-50°	323.7	329.2	333.4	337.4	341.0	344.0	346.4	347.5	348.2	348.3	347.9
-52.5°	314.2	319.8	325.2	329.9	333.4	336.6	339.5	340.2	340.7	340.9	340.9
-55°	303.9	309.6	314.8	319.8	324.2	328.1	330.9	332.3	333.1	333.5	334.0
-57.5°	291.0	298.1	304.3	308.8	313.3	317.8	321.0	323.0	324.5	325.7	326.5
-60°	276.0	283.5	289.6	295.1	300.2	304.9	308.6	311.8	314.3	316.4	318.3
-62.5°	258.6	266.0	272.2	278.1	283.6	288.3	293.0	297.3	301.0	304.3	307.4
-65°	235.8	243.2	250.7	257.6	264.0	268.7	273.5	278.2	282.5	286.0	288.5
-67.5°	211.3	218.1	225.0	231.8	237.8	243.3	248.7	253.5	257.9	260.9	262.8
-70°	184.3	190.9	196.9	202.4	207.5	212.8	218.1	223.1	227.5	230.5	232.1
-72.5°	154.8	161.3	166.9	171.7	176.0	180.2	184.4	188.2	191.8	194.5	196.4
-75°	123.5	128.9	133.7	138.2	142.3	146.0	149.3	152.1	154.6	157.0	159.1
-77.5°	92.2	96.7	100.9	104.7	108.1	111.0	113.5	115.6	117.5	119.7	121.7
-80°	64.5	67.7	70.7	73.5	76.1	78.2	79.9	81.4	82.5	83.8	84.9
-82.5°	41.3	43.4	45.3	47.1	48.6	49.9	51.0	52.0	52.9	53.7	54.3
-85°	23.5	24.5	25.5	26.5	27.6	28.3	28.9	29.5	30.0	30.4	30.8
-87.5°	10.6	10.5	10.4	10.2	10.1	10.3	10.4	10.6	10.7	10.8	10.9
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
85°	31.1	31.2	31.4	31.4	31.4	31.2	31.1	30.8	30.4	30.0	29.5
82.5°	54.8	55.1	55.3	55.4	55.3	55.1	54.8	54.3	53.7	52.9	52.0
80°	85.7	86.3	86.7	86.8	86.7	86.3	85.7	84.9	83.8	82.5	81.4
77.5°	123.5	124.8	125.4	125.6	125.4	124.8	123.5	121.7	119.7	117.5	115.6
75°	160.6	161.7	162.4	162.6	162.4	161.7	160.6	159.1	157.0	154.6	152.1
72.5°	197.7	198.5	200.1	201.4	200.1	198.5	197.7	196.4	194.5	191.8	188.2
70°	233.2	233.7	235.3	236.5	235.3	233.7	233.2	232.1	230.5	227.5	223.1
67.5°	264.2	265.0	265.0	264.2	265.0	265.0	264.2	262.8	260.9	257.9	253.5
65°	290.8	292.6	292.7	291.9	292.7	292.6	290.8	288.5	286.0	282.5	278.2
62.5°	310.3	312.8	313.9	314.1	313.9	312.8	310.3	307.4	304.3	301.0	297.3
60°	319.8	321.0	321.4	321.5	321.4	321.0	319.8	318.3	316.4	314.3	311.8
57.5°	326.9	326.9	326.9	327.0	326.9	326.9	326.9	326.5	325.7	324.5	323.0
55°	334.2	334.2	333.6	332.6	333.6	334.2	334.2	334.0	333.5	333.1	332.3
52.5°	340.7	340.1	339.2	338.1	339.2	340.1	340.7	340.9	340.9	340.7	340.2
50°	347.1	345.9	345.4	345.5	345.4	345.9	347.1	347.9	348.3	348.2	347.5
47.5°	357.4	356.7	356.4	356.6	356.4	356.7	357.4	357.8	357.8	357.3	356.2
45°	373.9	373.2	372.8	373.2	372.8	373.2	373.9	373.5	372.7	370.9	368.3
42.5°	405.6	405.9	405.7	406.5	405.7	405.9	405.6	403.3	399.1	393.0	387.3
40°	449.2	449.0	447.5	447.1	447.5	449.0	449.2	446.1	438.4	429.9	419.9
37.5°	496.8	496.8	495.3	495.2	495.3	496.8	496.8	492.5	482.1	469.3	455.1
35°	541.7	543.4	543.1	541.4	543.1	543.4	541.7	536.7	527.0	513.5	495.1
32.5°	609.2	619.5	625.0	622.7	625.0	619.5	609.2	595.8	576.9	558.2	540.0
30°	744.0	770.6	784.7	790.8	784.7	770.6	744.0	713.1	664.0	629.6	597.6
27.5°	1041.7	1100.4	1126.8	1136.3	1126.8	1100.4	1041.7	958.5	842.4	773.9	688.2
25°	1661.8	1794.4	1859.9	1880.9	1859.9	1794.4	1661.8	1454.2	1216.6	1060.0	858.0
22.5°	2971.5	3226.9	3401.6	3440.3	3401.6	3226.9	2971.5	2478.9	2031.6	1629.4	1222.2
20°	5327.9	5821.9	6089.9	6065.8	6089.9	5821.9	5327.9	4478.8	3634.3	2628.1	1921.3
17.5°	8608.5	9242.0	9543.6	9402.7	9543.6	9242.0	8608.5	7458.8	6106.2	4484.3	3008.2
15°	12619.7	13475.6	13849.0	13964.5	13849.0	13475.6	12619.7	11218.9	9238.2	7017.5	4537.5
12.5°	17553.5	20359.4	21701.3	22060.9	21701.3	20359.4	17553.5	15051.3	12544.7	9430.2	6401.7
10°	24592.6	34024.6	39634.8	41004.7	39634.8	34024.6	24592.6	19957.6	15426.3	11641.0	7994.5
7.5°	40161.8	59328.4	80799.5	90966.9	80799.5	59328.4	40161.8	25694.8	18771.5	13604.2	9416.7
5°	61246.6	106298.4	156010.4	175498.4	156010.4	106298.4	61246.6	37018.2	22769.7	15298.0	10494.1
2.5°	86878.7	160502.5	229192.3	254798.3	229192.3	160502.5	86878.7	44862.5	25590.2	16328.6	11111.1
0°	97708.0	185041.5	252520.2	274454.4	252520.2	185041.5	97708.0	47377.3	25843.0	16676.8	11287.3
-2.5°	86878.7	160502.5	229192.3	254798.3	229192.3	160502.5	86878.7	44862.5	25590.2	16328.6	11111.1
-5°	61246.6	106298.4	156010.4	175498.4	156010.4	106298.4	61246.6	37018.2	22769.7	15298.0	10494.1
-7.5°	40161.8	59328.4	80799.5	90966.9	80799.5	59328.4	40161.8	25694.8	18771.5	13604.2	9416.7
-10°	24592.6	34024.6	39634.8	41004.7	39634.8	34024.6	24592.6	19957.6	15426.3	11641.0	7994.5
-12.5°	17553.5	20359.4	21701.3	22060.9	21701.3	20359.4	17553.5	15051.3	12544.7	9430.2	6401.7
-15°	12619.7	13475.6	13849.0	13964.5	13849.0	13475.6	12619.7	11218.9	9238.2	7017.5	4537.5
-17.5°	8608.5	9242.0	9543.6	9402.7	9543.6	9242.0	8608.5	7458.8	6106.2	4484.3	3008.2
-20°	5327.9	5821.9	6089.9	6065.8	6089.9	5821.9	5327.9	4478.8	3634.3	2628.1	1921.3



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	2971.5	3226.9	3401.6	3440.3	3401.6	3226.9	2971.5	2478.9	2031.6	1629.4	1222.2
-25°	1661.8	1794.4	1859.9	1880.9	1859.9	1794.4	1661.8	1454.2	1216.6	1060.0	858.0
-27.5°	1041.7	1100.4	1126.8	1136.3	1126.8	1100.4	1041.7	958.5	842.4	773.9	688.2
-30°	744.0	770.6	784.7	790.8	784.7	770.6	744.0	713.1	664.0	629.6	597.6
-32.5°	609.2	619.5	625.0	622.7	625.0	619.5	609.2	595.8	576.9	558.2	540.0
-35°	541.7	543.4	543.1	541.4	543.1	543.4	541.7	536.7	527.0	513.5	495.1
-37.5°	496.8	496.8	495.3	495.2	495.3	496.8	496.8	492.5	482.1	469.3	455.1
-40°	449.2	449.0	447.5	447.1	447.5	449.0	449.2	446.1	438.4	429.9	419.9
-42.5°	405.6	405.9	405.7	406.5	405.7	405.9	405.6	403.3	399.1	393.0	387.3
-45°	373.9	373.2	372.8	373.2	372.8	373.2	373.9	373.5	372.7	370.9	368.3
-47.5°	357.4	356.7	356.4	356.6	356.4	356.7	357.4	357.8	357.8	357.3	356.2
-50°	347.1	345.9	345.4	345.5	345.4	345.9	347.1	347.9	348.3	348.2	347.5
-52.5°	340.7	340.1	339.2	338.1	339.2	340.1	340.7	340.9	340.9	340.7	340.2
-55°	334.2	334.2	333.6	332.6	333.6	334.2	334.2	334.0	333.5	333.1	332.3
-57.5°	326.9	326.9	326.9	327.0	326.9	326.9	326.9	326.5	325.7	324.5	323.0
-60°	319.8	321.0	321.4	321.5	321.4	321.0	319.8	318.3	316.4	314.3	311.8
-62.5°	310.3	312.8	313.9	314.1	313.9	312.8	310.3	307.4	304.3	301.0	297.3
-65°	290.8	292.6	292.7	291.9	292.7	292.6	290.8	288.5	286.0	282.5	278.2
-67.5°	264.2	265.0	265.0	264.2	265.0	265.0	264.2	262.8	260.9	257.9	253.5
-70°	233.2	233.7	235.3	236.5	235.3	233.7	233.2	232.1	230.5	227.5	223.1
-72.5°	197.7	198.5	200.1	201.4	200.1	198.5	197.7	196.4	194.5	191.8	188.2
-75°	160.6	161.7	162.4	162.6	162.4	161.7	160.6	159.1	157.0	154.6	152.1
-77.5°	123.5	124.8	125.4	125.6	125.4	124.8	123.5	121.7	119.7	117.5	115.6
-80°	85.7	86.3	86.7	86.8	86.7	86.3	85.7	84.9	83.8	82.5	81.4
-82.5°	54.8	55.1	55.3	55.4	55.3	55.1	54.8	54.3	53.7	52.9	52.0
-85°	31.1	31.2	31.4	31.4	31.4	31.2	31.1	30.8	30.4	30.0	29.5
-87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	10.4	10.3	10.1	10.2	10.4	10.5	10.6	10.2	9.9	9.5	9.1
85°	28.9	28.3	27.6	26.5	25.5	24.5	23.5	22.4	21.3	20.1	19.0
82.5°	51.0	49.9	48.6	47.1	45.3	43.4	41.3	39.0	36.5	33.8	31.0
80°	79.9	78.2	76.1	73.5	70.7	67.7	64.5	61.2	57.4	53.8	50.5
77.5°	113.5	111.0	108.1	104.7	100.9	96.7	92.2	88.3	84.3	79.8	74.7
75°	149.3	146.0	142.3	138.2	133.7	128.9	123.5	117.7	111.9	106.1	99.9
72.5°	184.4	180.2	176.0	171.7	166.9	161.3	154.8	147.7	140.2	132.3	124.3
70°	218.1	212.8	207.5	202.4	196.9	190.9	184.3	177.0	169.0	160.2	150.3
67.5°	248.7	243.3	237.8	231.8	225.0	218.1	211.3	204.4	196.1	186.8	175.8
65°	273.5	268.7	264.0	257.6	250.7	243.2	235.8	227.8	219.5	210.9	200.5
62.5°	293.0	288.3	283.6	278.1	272.2	266.0	258.6	249.8	240.8	231.5	220.8
60°	308.6	304.9	300.2	295.1	289.6	283.5	276.0	268.4	260.8	250.6	239.9
57.5°	321.0	317.8	313.3	308.8	304.3	298.1	291.0	283.5	275.2	267.0	257.7
55°	330.9	328.1	324.2	319.8	314.8	309.6	303.9	296.8	288.7	280.9	271.7
52.5°	339.5	336.6	333.4	329.9	325.2	319.8	314.2	307.7	301.1	293.1	284.5
50°	346.4	344.0	341.0	337.4	333.4	329.2	323.7	317.5	311.5	304.3	295.9
47.5°	354.6	351.9	348.5	344.8	340.7	336.1	331.4	326.8	320.8	314.4	306.1
45°	365.7	362.0	357.5	353.3	348.5	343.6	338.1	333.8	329.1	322.8	315.9
42.5°	381.8	375.4	369.7	363.6	357.0	351.6	346.1	341.0	336.0	330.5	323.3
40°	406.7	393.4	385.3	376.4	368.5	360.0	354.1	348.0	342.7	337.3	330.2
37.5°	438.7	422.0	406.9	392.3	382.1	372.0	363.3	356.0	348.8	343.0	336.1
35°	473.3	453.4	434.8	416.2	398.0	385.6	373.9	364.7	356.3	348.4	341.6
32.5°	515.7	491.6	467.5	444.7	421.4	401.6	386.9	373.9	363.6	354.6	346.8
30°	564.0	533.7	504.9	476.4	448.1	422.5	401.3	384.9	371.3	360.6	352.0
27.5°	630.5	577.8	543.3	509.1	475.5	445.5	419.6	396.7	379.6	367.1	356.9
25°	744.1	647.6	586.1	544.2	505.3	469.5	439.2	412.2	389.9	373.4	360.7
22.5°	929.5	764.6	648.4	581.0	536.3	496.7	461.0	428.6	399.5	379.4	365.0
20°	1288.6	931.4	747.6	632.9	565.4	522.0	482.5	445.8	412.1	386.0	368.8
17.5°	1924.4	1232.6	862.9	691.3	599.9	544.9	502.9	461.7	423.9	391.4	371.9
15°	2692.8	1648.3	1072.5	782.6	637.9	563.8	520.8	476.0	435.3	398.6	375.9
12.5°	3782.4	2106.8	1254.6	856.2	679.0	586.8	536.0	490.1	445.9	406.3	379.3
10°	4690.5	2652.4	1543.8	992.5	733.9	611.3	547.0	498.6	451.9	411.7	381.5
7.5°	5829.7	3260.0	1801.7	1093.8	775.5	628.8	553.7	503.2	455.1	415.1	382.7
5°	6548.9	3661.6	1974.0	1170.0	806.3	640.6	558.4	504.9	455.7	416.5	382.9
2.5°	7055.1	3868.1	2052.6	1211.8	823.8	645.9	560.7	506.1	457.9	417.8	384.9
0°	7139.3	4026.0	2063.8	1221.3	825.9	643.0	559.8	506.3	460.1	417.6	386.2
-2.5°	7055.1	3868.1	2052.6	1211.8	823.8	645.9	560.7	506.1	457.9	417.8	384.9
-5°	6548.9	3661.6	1974.0	1170.0	806.3	640.6	558.4	504.9	455.7	416.5	382.9
-7.5°	5829.7	3260.0	1801.7	1093.8	775.5	628.8	553.7	503.2	455.1	415.1	382.7
-10°	4690.5	2652.4	1543.8	992.5	733.9	611.3	547.0	498.6	451.9	411.7	381.5
-12.5°	3782.4	2106.8	1254.6	856.2	679.0	586.8	536.0	490.1	445.9	406.3	379.3
-15°	2692.8	1648.3	1072.5	782.6	637.9	563.8	520.8	476.0	435.3	398.6	375.9
-17.5°	1924.4	1232.6	862.9	691.3	599.9	544.9	502.9	461.7	423.9	391.4	371.9
-20°	1288.6	931.4	747.6	632.9	565.4	522.0	482.5	445.8	412.1	386.0	368.8



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	929.5	764.6	648.4	581.0	536.3	496.7	461.0	428.6	399.5	379.4	365.0
-25°	744.1	647.6	586.1	544.2	505.3	469.5	439.2	412.2	389.9	373.4	360.7
-27.5°	630.5	577.8	543.3	509.1	475.5	445.5	419.6	396.7	379.6	367.1	356.9
-30°	564.0	533.7	504.9	476.4	448.1	422.5	401.3	384.9	371.3	360.6	352.0
-32.5°	515.7	491.6	467.5	444.7	421.4	401.6	386.9	373.9	363.6	354.6	346.8
-35°	473.3	453.4	434.8	416.2	398.0	385.6	373.9	364.7	356.3	348.4	341.6
-37.5°	438.7	422.0	406.9	392.3	382.1	372.0	363.3	356.0	348.8	343.0	336.1
-40°	406.7	393.4	385.3	376.4	368.5	360.0	354.1	348.0	342.7	337.3	330.2
-42.5°	381.8	375.4	369.7	363.6	357.0	351.6	346.1	341.0	336.0	330.5	323.3
-45°	365.7	362.0	357.5	353.3	348.5	343.6	338.1	333.8	329.1	322.8	315.9
-47.5°	354.6	351.9	348.5	344.8	340.7	336.1	331.4	326.8	320.8	314.4	306.1
-50°	346.4	344.0	341.0	337.4	333.4	329.2	323.7	317.5	311.5	304.3	295.9
-52.5°	339.5	336.6	333.4	329.9	325.2	319.8	314.2	307.7	301.1	293.1	284.5
-55°	330.9	328.1	324.2	319.8	314.8	309.6	303.9	296.8	288.7	280.9	271.7
-57.5°	321.0	317.8	313.3	308.8	304.3	298.1	291.0	283.5	275.2	267.0	257.7
-60°	308.6	304.9	300.2	295.1	289.6	283.5	276.0	268.4	260.8	250.6	239.9
-62.5°	293.0	288.3	283.6	278.1	272.2	266.0	258.6	249.8	240.8	231.5	220.8
-65°	273.5	268.7	264.0	257.6	250.7	243.2	235.8	227.8	219.5	210.9	200.5
-67.5°	248.7	243.3	237.8	231.8	225.0	218.1	211.3	204.4	196.1	186.8	175.8
-70°	218.1	212.8	207.5	202.4	196.9	190.9	184.3	177.0	169.0	160.2	150.3
-72.5°	184.4	180.2	176.0	171.7	166.9	161.3	154.8	147.7	140.2	132.3	124.3
-75°	149.3	146.0	142.3	138.2	133.7	128.9	123.5	117.7	111.9	106.1	99.9
-77.5°	113.5	111.0	108.1	104.7	100.9	96.7	92.2	88.3	84.3	79.8	74.7
-80°	79.9	78.2	76.1	73.5	70.7	67.7	64.5	61.2	57.4	53.8	50.5
-82.5°	51.0	49.9	48.6	47.1	45.3	43.4	41.3	39.0	36.5	33.8	31.0
-85°	28.9	28.3	27.6	26.5	25.5	24.5	23.5	22.4	21.3	20.1	19.0
-87.5°	10.4	10.3	10.1	10.2	10.4	10.5	10.6	10.2	9.9	9.5	9.1
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	8.7	8.3	7.9	7.4	6.9	6.4	6.0	5.5	4.9	4.4	3.9
85°	18.3	17.4	16.4	15.3	14.2	12.9	11.9	10.9	9.9	8.8	7.7
82.5°	28.9	27.5	26.3	24.9	23.7	22.2	20.4	18.3	15.8	13.4	11.6
80°	47.5	44.3	41.0	37.6	34.4	31.4	29.4	26.8	23.3	19.9	16.6
77.5°	69.0	63.4	57.9	53.1	48.2	43.6	39.4	35.4	30.8	26.4	22.2
75°	92.7	85.4	78.2	70.9	63.2	55.6	49.9	44.5	38.9	33.0	27.7
72.5°	116.3	107.8	98.8	89.4	80.5	71.4	62.1	53.6	47.3	40.6	33.5
70°	140.3	130.4	120.4	109.5	98.3	87.3	76.7	66.0	55.7	48.1	40.3
67.5°	164.3	152.6	141.2	129.3	116.7	104.0	91.3	79.0	67.1	55.7	46.9
65°	187.8	174.7	161.3	148.3	134.6	120.5	106.4	92.0	78.3	65.4	53.5
62.5°	209.3	196.7	182.0	167.3	152.4	137.0	121.1	105.4	89.4	74.9	61.1
60°	228.4	215.5	202.1	186.5	170.1	153.3	136.1	118.5	101.2	84.0	69.0
57.5°	245.7	233.3	219.4	204.5	187.6	169.5	150.8	131.7	112.8	94.0	76.7
55°	261.6	249.1	235.8	220.7	204.1	185.4	165.3	144.8	124.1	104.0	84.2
52.5°	274.5	263.5	250.4	235.8	219.0	200.6	179.6	157.6	135.6	113.7	92.7
50°	286.3	275.9	263.6	249.1	233.3	214.1	193.6	170.3	146.7	123.3	100.9
47.5°	296.9	286.9	275.2	261.5	245.2	227.2	206.0	182.7	157.5	132.8	108.9
45°	306.4	296.7	285.7	272.3	256.8	238.4	217.5	194.8	168.3	142.1	116.5
42.5°	315.1	305.2	294.6	282.8	266.7	248.8	228.6	205.1	178.8	151.0	124.1
40°	322.0	312.8	302.7	290.6	276.0	258.9	238.0	214.7	188.8	159.6	131.5
37.5°	328.4	319.3	309.3	298.0	284.4	267.1	246.9	223.8	197.9	168.0	138.6
35°	333.8	325.1	315.2	304.2	290.9	274.8	255.5	232.1	205.5	175.9	145.2
32.5°	338.8	330.2	320.1	309.2	297.1	282.1	262.7	239.2	212.6	183.2	151.5
30°	343.4	334.1	324.6	313.7	302.4	287.6	268.9	245.8	219.3	190.1	157.3
27.5°	347.3	337.6	328.6	317.6	306.3	292.5	274.4	251.9	225.5	196.0	162.9
25°	350.8	340.8	331.4	321.2	309.7	297.0	279.7	257.5	230.7	201.0	167.9
22.5°	353.9	343.7	333.8	324.4	312.7	301.3	283.9	261.7	235.2	205.5	172.4
20°	356.7	346.3	335.8	326.9	315.2	303.8	287.3	265.5	239.3	209.5	176.5
17.5°	359.2	348.4	337.7	328.3	317.4	305.9	290.4	268.9	242.8	213.1	180.0
15°	361.4	350.1	339.4	329.5	319.1	307.7	293.2	271.9	245.9	216.1	183.0
12.5°	363.3	351.2	340.7	330.4	320.4	309.1	295.5	274.5	248.4	218.7	185.5
10°	364.7	351.9	341.7	331.1	321.3	310.2	297.5	276.5	250.4	220.7	187.5
7.5°	365.8	352.0	342.3	331.4	321.9	311.0	298.7	277.9	251.9	222.2	189.0
5°	366.7	352.5	343.0	332.0	322.7	311.7	299.4	278.8	252.8	223.2	189.9
2.5°	368.4	353.8	343.5	332.5	323.1	312.1	299.6	279.2	253.2	223.7	190.4
0°	369.5	354.7	343.7	332.6	323.3	312.3	299.3	279.0	253.1	223.6	190.3
-2.5°	368.4	353.8	343.5	332.5	323.1	312.1	299.6	279.2	253.2	223.7	190.4
-5°	366.7	352.5	343.0	332.0	322.7	311.7	299.4	278.8	252.8	223.2	189.9
-7.5°	365.8	352.0	342.3	331.4	321.9	311.0	298.7	277.9	251.9	222.2	189.0
-10°	364.7	351.9	341.7	331.1	321.3	310.2	297.5	276.5	250.4	220.7	187.5
-12.5°	363.3	351.2	340.7	330.4	320.4	309.1	295.5	274.5	248.4	218.7	185.5
-15°	361.4	350.1	339.4	329.5	319.1	307.7	293.2	271.9	245.9	216.1	183.0
-17.5°	359.2	348.4	337.7	328.3	317.4	305.9	290.4	268.9	242.8	213.1	180.0
-20°	356.7	346.3	335.8	326.9	315.2	303.8	287.3	265.5	239.3	209.5	176.5



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	353.9	343.7	333.8	324.4	312.7	301.3	283.9	261.7	235.2	205.5	172.4
-25°	350.8	340.8	331.4	321.2	309.7	297.0	279.7	257.5	230.7	201.0	167.9
-27.5°	347.3	337.6	328.6	317.6	306.3	292.5	274.4	251.9	225.5	196.0	162.9
-30°	343.4	334.1	324.6	313.7	302.4	287.6	268.9	245.8	219.3	190.1	157.3
-32.5°	338.8	330.2	320.1	309.2	297.1	282.1	262.7	239.2	212.6	183.2	151.5
-35°	333.8	325.1	315.2	304.2	290.9	274.8	255.5	232.1	205.5	175.9	145.2
-37.5°	328.4	319.3	309.3	298.0	284.4	267.1	246.9	223.8	197.9	168.0	138.6
-40°	322.0	312.8	302.7	290.6	276.0	258.9	238.0	214.7	188.8	159.6	131.5
-42.5°	315.1	305.2	294.6	282.8	266.7	248.8	228.6	205.1	178.8	151.0	124.1
-45°	306.4	296.7	285.7	272.3	256.8	238.4	217.5	194.8	168.3	142.1	116.5
-47.5°	296.9	286.9	275.2	261.5	245.2	227.2	206.0	182.7	157.5	132.8	108.9
-50°	286.3	275.9	263.6	249.1	233.3	214.1	193.6	170.3	146.7	123.3	100.9
-52.5°	274.5	263.5	250.4	235.8	219.0	200.6	179.6	157.6	135.6	113.7	92.7
-55°	261.6	249.1	235.8	220.7	204.1	185.4	165.3	144.8	124.1	104.0	84.2
-57.5°	245.7	233.3	219.4	204.5	187.6	169.5	150.8	131.7	112.8	94.0	76.7
-60°	228.4	215.5	202.1	186.5	170.1	153.3	136.1	118.5	101.2	84.0	69.0
-62.5°	209.3	196.7	182.0	167.3	152.4	137.0	121.1	105.4	89.4	74.9	61.1
-65°	187.8	174.7	161.3	148.3	134.6	120.5	106.4	92.0	78.3	65.4	53.5
-67.5°	164.3	152.6	141.2	129.3	116.7	104.0	91.3	79.0	67.1	55.7	46.9
-70°	140.3	130.4	120.4	109.5	98.3	87.3	76.7	66.0	55.7	48.1	40.3
-72.5°	116.3	107.8	98.8	89.4	80.5	71.4	62.1	53.6	47.3	40.6	33.5
-75°	92.7	85.4	78.2	70.9	63.2	55.6	49.9	44.5	38.9	33.0	27.7
-77.5°	69.0	63.4	57.9	53.1	48.2	43.6	39.4	35.4	30.8	26.4	22.2
-80°	47.5	44.3	41.0	37.6	34.4	31.4	29.4	26.8	23.3	19.9	16.6
-82.5°	28.9	27.5	26.3	24.9	23.7	22.2	20.4	18.3	15.8	13.4	11.6
-85°	18.3	17.4	16.4	15.3	14.2	12.9	11.9	10.9	9.9	8.8	7.7
-87.5°	8.7	8.3	7.9	7.4	6.9	6.4	6.0	5.5	4.9	4.4	3.9
-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: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
85°	6.7	5.8	4.8	3.7	2.6	1.3	0.0
82.5°	10.0	8.7	7.2	5.6	3.9	1.9	0.0
80°	13.5	11.6	9.6	7.5	5.1	2.6	0.0
77.5°	18.2	14.8	12.0	9.3	6.4	3.2	0.0
75°	22.9	18.7	14.5	11.1	7.7	3.8	0.0
72.5°	27.6	22.6	17.6	12.9	8.9	4.4	0.0
70°	32.3	26.4	20.7	14.8	10.1	5.1	0.0
67.5°	38.1	30.2	23.7	17.1	11.3	5.7	0.0
65°	43.8	34.4	26.7	19.4	12.5	6.3	0.0
62.5°	49.4	39.0	29.6	21.6	13.7	6.8	0.0
60°	54.8	43.4	32.5	23.7	14.8	7.4	0.0
57.5°	61.2	47.8	35.9	25.8	16.2	8.0	0.0
55°	67.7	52.0	39.2	27.9	17.5	8.5	0.0
52.5°	73.9	56.2	42.4	29.8	18.8	9.0	0.0
50°	80.0	61.3	45.5	31.8	20.1	9.5	0.0
47.5°	86.0	66.2	48.5	33.7	21.3	10.0	0.0
45°	92.5	70.8	51.4	35.9	22.4	10.5	0.0
42.5°	98.7	75.3	54.1	37.9	23.6	10.9	0.0
40°	104.6	79.6	57.1	39.8	24.6	11.3	0.0
37.5°	110.2	83.7	60.4	41.6	25.6	11.7	0.0
35°	115.4	87.9	63.4	43.2	26.6	12.1	0.0
32.5°	120.4	91.9	66.3	44.8	27.5	12.5	0.0
30°	125.4	95.8	69.0	46.2	28.3	12.8	0.0
27.5°	130.0	99.3	71.5	47.5	29.1	13.1	0.0
25°	134.3	102.5	73.7	48.7	29.8	13.4	0.0
22.5°	138.1	105.4	75.8	49.7	30.5	13.7	0.0
20°	141.6	108.0	77.7	50.7	31.1	13.9	0.0
17.5°	144.7	110.4	79.3	51.5	31.6	14.1	0.0
15°	147.5	112.5	80.8	52.1	32.0	14.3	0.0
12.5°	149.8	114.2	82.1	52.7	32.4	14.4	0.0
10°	151.7	115.6	83.1	53.1	32.7	14.6	0.0
7.5°	153.3	116.8	83.9	53.4	33.0	14.7	0.0
5°	154.3	117.6	84.5	53.6	33.2	14.7	0.0
2.5°	155.0	118.0	84.9	53.7	33.3	14.8	0.0
0°	155.2	118.2	85.0	53.6	33.3	14.8	0.0
-2.5°	155.0	118.0	84.9	53.7	33.3	14.8	0.0
-5°	154.3	117.6	84.5	53.6	33.2	14.7	0.0
-7.5°	153.3	116.8	83.9	53.4	33.0	14.7	0.0
-10°	151.7	115.6	83.1	53.1	32.7	14.6	0.0
-12.5°	149.8	114.2	82.1	52.7	32.4	14.4	0.0
-15°	147.5	112.5	80.8	52.1	32.0	14.3	0.0
-17.5°	144.7	110.4	79.3	51.5	31.6	14.1	0.0
-20°	141.6	108.0	77.7	50.7	31.1	13.9	0.0



REPORT NUMBER: P559040 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	138.1	105.4	75.8	49.7	30.5	13.7	0.0
-25°	134.3	102.5	73.7	48.7	29.8	13.4	0.0
-27.5°	130.0	99.3	71.5	47.5	29.1	13.1	0.0
-30°	125.4	95.8	69.0	46.2	28.3	12.8	0.0
-32.5°	120.4	91.9	66.3	44.8	27.5	12.5	0.0
-35°	115.4	87.9	63.4	43.2	26.6	12.1	0.0
-37.5°	110.2	83.7	60.4	41.6	25.6	11.7	0.0
-40°	104.6	79.6	57.1	39.8	24.6	11.3	0.0
-42.5°	98.7	75.3	54.1	37.9	23.6	10.9	0.0
-45°	92.5	70.8	51.4	35.9	22.4	10.5	0.0
-47.5°	86.0	66.2	48.5	33.7	21.3	10.0	0.0
-50°	80.0	61.3	45.5	31.8	20.1	9.5	0.0
-52.5°	73.9	56.2	42.4	29.8	18.8	9.0	0.0
-55°	67.7	52.0	39.2	27.9	17.5	8.5	0.0
-57.5°	61.2	47.8	35.9	25.8	16.2	8.0	0.0
-60°	54.8	43.4	32.5	23.7	14.8	7.4	0.0
-62.5°	49.4	39.0	29.6	21.6	13.7	6.8	0.0
-65°	43.8	34.4	26.7	19.4	12.5	6.3	0.0
-67.5°	38.1	30.2	23.7	17.1	11.3	5.7	0.0
-70°	32.3	26.4	20.7	14.8	10.1	5.1	0.0
-72.5°	27.6	22.6	17.6	12.9	8.9	4.4	0.0
-75°	22.9	18.7	14.5	11.1	7.7	3.8	0.0
-77.5°	18.2	14.8	12.0	9.3	6.4	3.2	0.0
-80°	13.5	11.6	9.6	7.5	5.1	2.6	0.0
-82.5°	10.0	8.7	7.2	5.6	3.9	1.9	0.0
-85°	6.7	5.8	4.8	3.7	2.6	1.3	0.0
-87.5°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)