

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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559039 (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-927-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

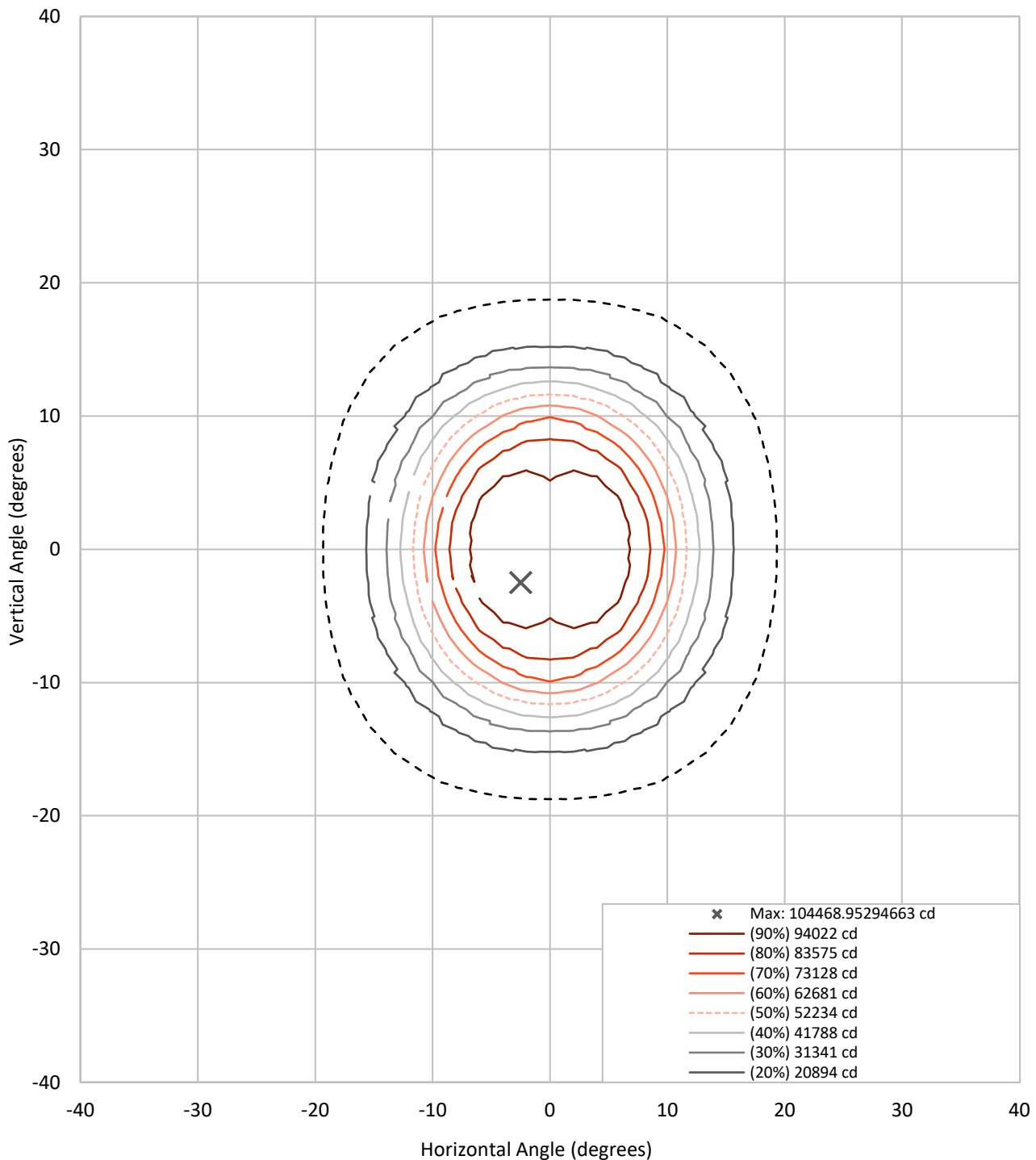
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19755 lumens	Max Intensity:	104469 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	10665.1 lumens	Field Lumens:	16083.5 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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

Iso-Candela Plot





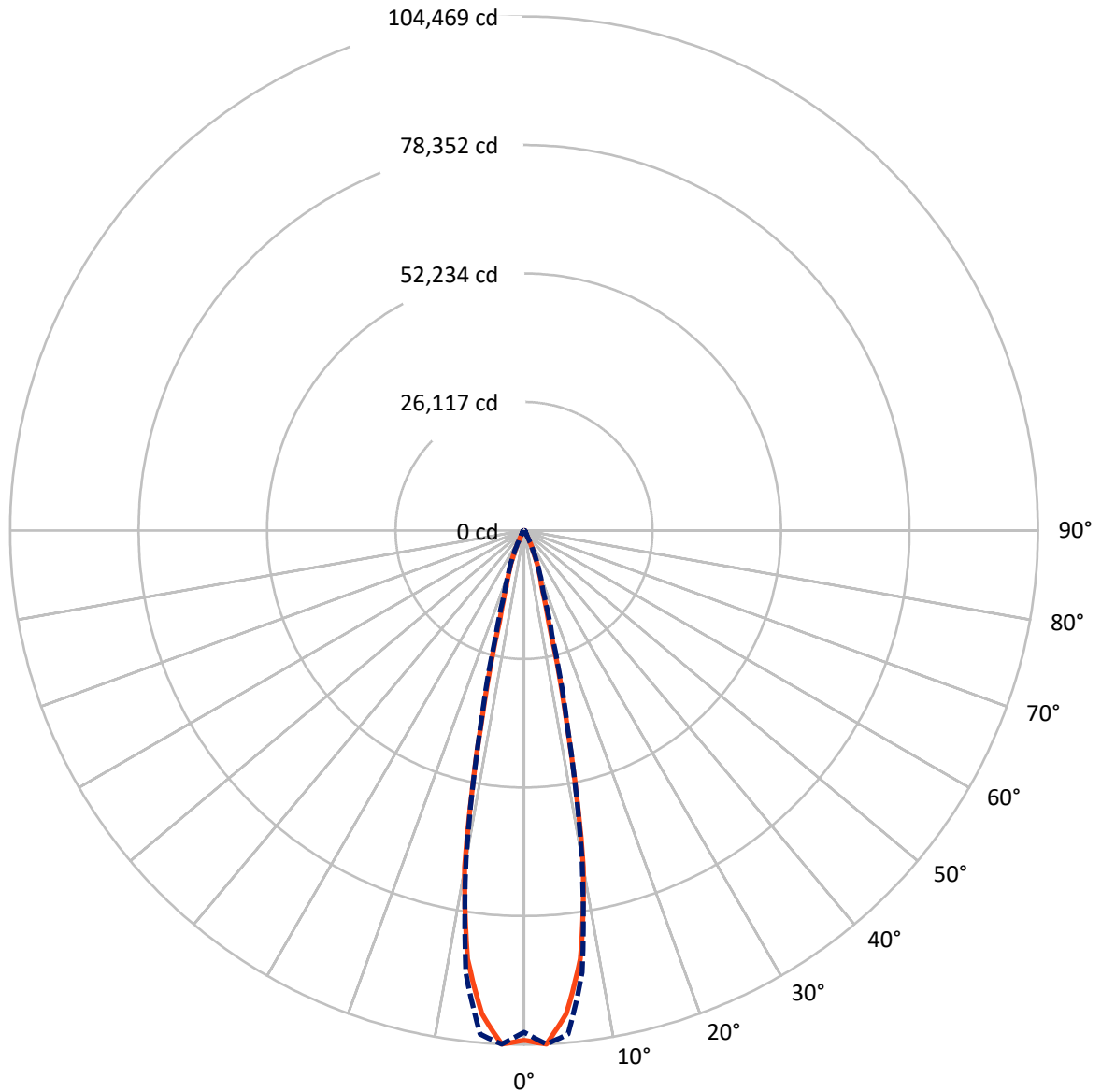
REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

Lumen Table

90	0.2	2.0		5.3		8.5		9.9		8.5		5.3		2.0		0.2			
80	0.2	2.0		5.3		8.5		9.9		8.5		5.3		2.0		0.2			
70	0.9	1.0	2.1	3.5	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.5	2.1	1.0	0.9			
60		1.6	3.1	4.9	6.5	7.8	8.7	9.0	9.0	8.7	7.8	6.5	4.9	3.1	1.6				
50	1.7	2.1	4.0	5.9	7.6	9.3	10.7	11.3	11.3	10.7	9.3	7.6	5.9	4.0	2.1	1.7			
40		2.5	4.6	6.7	9.0	12.3	16.2	19.4	19.4	16.2	12.3	9.0	6.7	4.6	2.5				
30	2.2	2.8	5.0	7.4	11.2	20.2	60.7	118.2	118.2	60.7	20.2	11.2	7.4	5.0	2.8	2.2			
20		3.0	5.2	7.8	13.9	59.9	276.6	711.2	711.2	276.6	59.9	13.9	7.8	5.2	3.0				
10	2.4	3.1	5.3	8.2	16.7	116.7	720.2	2544.4	2544.4	720.2	116.7	16.7	8.2	5.3	3.1	2.4			
0		3.1	5.3	8.2	16.7	116.7	720.2	2544.4	2544.4	720.2	116.7	16.7	8.2	5.3	3.1				
-10	2.2	3.0	5.2	7.8	13.9	59.9	276.6	711.2	711.2	276.6	59.9	13.9	7.8	5.2	3.0	2.2			
-20		2.8	5.0	7.4	11.2	20.2	60.7	118.2	118.2	60.7	20.2	11.2	7.4	5.0	2.8				
-30	1.7	2.5	4.6	6.7	9.0	12.3	16.2	19.4	19.4	16.2	12.3	9.0	6.7	4.6	2.5	1.7			
-40		2.1	4.0	5.9	7.6	9.3	10.7	11.3	11.3	10.7	9.3	7.6	5.9	4.0	2.1				
-50	0.9	1.6	3.1	4.9	6.5	7.8	8.7	9.0	9.0	8.7	7.8	6.5	4.9	3.1	1.6	0.9			
-60		1.0	2.1	3.5	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.5	2.1	1.0				
-70	0.2	2.0		5.3		8.5		9.9		8.5		5.3		2.0		0.2			
-80		2.0		5.3		8.5		9.9		8.5		5.3		2.0					
-90	0.2	2.0		5.3		8.5		9.9		8.5		5.3		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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

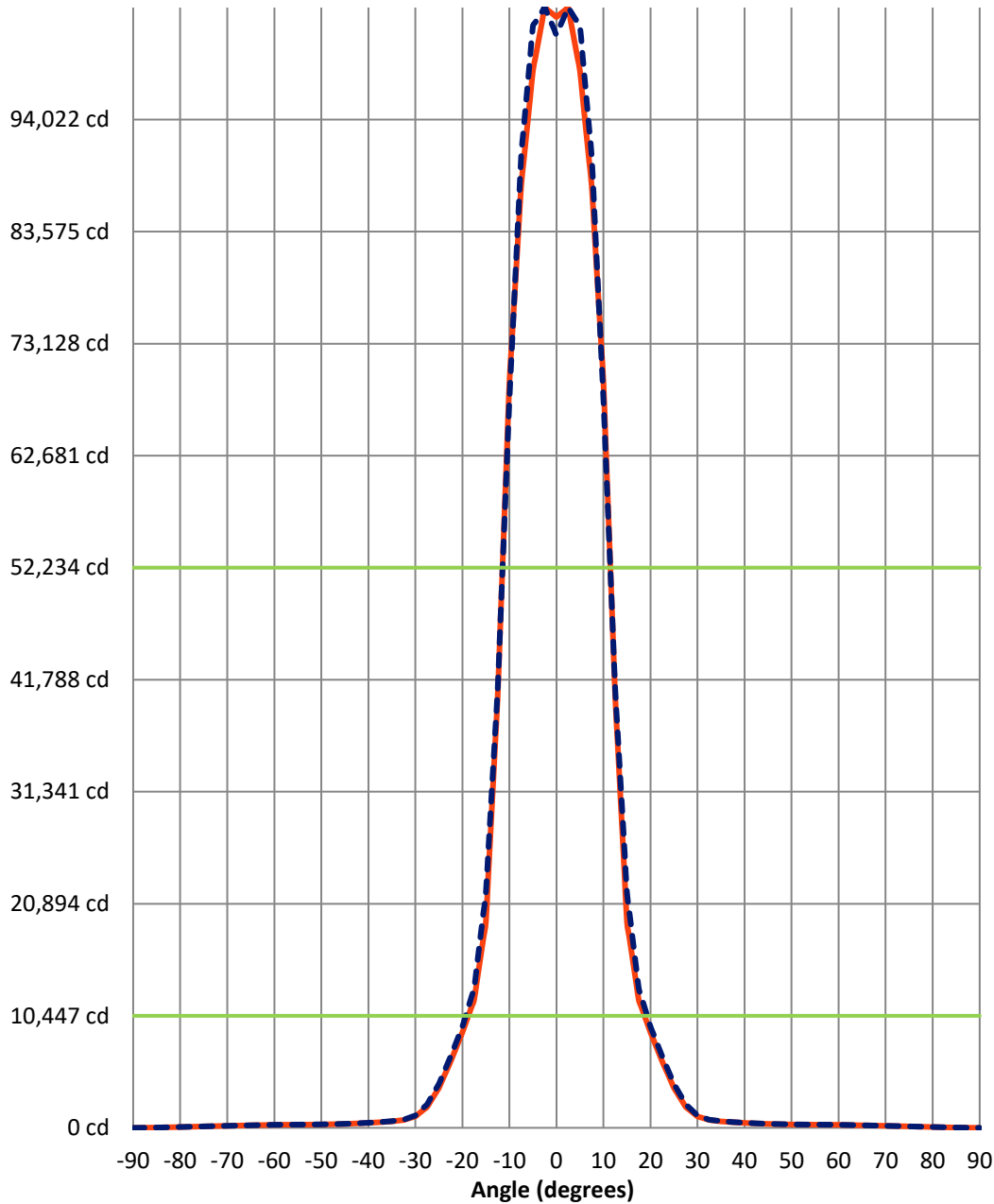
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 10665.1
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 16083.5
Efficiency: 81.4%

Spill:
Lumens: 3671.5
Efficiency: 18.6%

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



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.7	16.0
80°	0.0	1.9	3.9	5.8	7.7	9.6	11.6	14.5	17.4	20.5	23.7
77.5°	0.0	2.4	4.8	7.2	9.6	12.4	15.8	19.5	23.3	27.2	31.5
75°	0.0	2.9	5.7	8.6	11.6	16.0	20.1	24.4	29.2	34.7	39.9
72.5°	0.0	3.3	6.7	10.0	14.6	19.6	24.2	29.7	36.2	42.4	48.3
70°	0.0	3.8	7.6	11.5	17.5	23.1	28.6	35.9	43.2	50.1	58.3
67.5°	0.0	4.2	8.5	13.7	20.4	26.6	33.9	42.1	50.1	59.4	68.6
65°	0.0	4.7	9.4	15.9	23.2	30.5	39.2	48.1	58.3	68.6	79.0
62.5°	0.0	5.1	10.2	18.0	26.0	34.8	44.3	54.9	66.3	77.8	89.7
60°	0.0	5.5	11.1	20.1	28.8	38.9	49.3	61.8	74.2	87.2	100.2
57.5°	0.0	6.0	12.5	22.2	31.9	42.9	55.0	68.5	82.3	96.5	110.4
55°	0.0	6.4	13.8	24.2	35.0	46.8	60.6	75.1	90.4	105.5	120.4
52.5°	0.0	6.8	15.1	26.2	38.0	50.6	66.1	81.9	98.2	114.3	130.2
50°	0.0	7.1	16.4	28.1	40.8	55.1	71.4	88.6	105.7	122.8	140.0
47.5°	0.0	7.5	17.6	30.0	43.6	59.3	76.6	95.1	113.0	131.0	149.5
45°	0.0	7.8	18.7	31.9	46.2	63.4	82.0	101.4	120.2	139.4	158.9
42.5°	0.0	8.2	19.9	33.8	48.7	67.3	87.2	107.5	127.0	147.6	167.2
40°	0.0	8.5	20.9	35.6	51.4	71.1	92.2	113.2	133.7	155.4	175.0
37.5°	0.0	8.8	21.9	37.3	54.2	74.6	97.1	118.7	140.3	162.6	182.3
35°	0.0	9.1	22.9	38.8	56.9	78.3	101.6	123.9	146.5	168.7	189.4
32.5°	0.0	9.4	23.8	40.3	59.4	81.8	105.9	128.7	152.3	174.5	196.2
30°	0.0	9.6	24.6	41.7	61.8	85.2	109.8	133.4	157.7	179.9	202.5
27.5°	0.0	9.8	25.4	43.0	64.1	88.3	113.5	137.7	162.5	185.0	208.1
25°	0.0	10.1	26.1	44.2	66.2	91.3	116.9	141.7	166.6	189.6	213.1
22.5°	0.0	10.3	26.8	45.2	68.1	93.9	119.9	145.4	170.3	193.8	217.5
20°	0.0	10.4	27.4	46.2	69.9	96.3	122.7	148.6	173.7	197.4	221.4
17.5°	0.0	10.6	27.9	47.1	71.5	98.5	125.1	151.5	176.7	200.5	224.9
15°	0.0	10.7	28.3	47.8	73.0	100.3	127.2	154.0	179.3	203.1	227.8
12.5°	0.0	10.8	28.7	48.4	74.2	101.8	129.0	156.0	181.5	205.2	230.2
10°	0.0	10.9	29.0	49.0	75.3	103.1	130.4	157.8	183.3	207.4	232.2
7.5°	0.0	11.0	29.3	49.4	76.2	104.1	131.5	159.1	184.8	209.3	233.7
5°	0.0	11.1	29.5	49.7	76.9	104.8	132.4	160.0	185.8	210.8	234.6
2.5°	0.0	11.1	29.6	49.8	77.3	105.2	132.8	160.6	186.4	211.9	234.9
0°	0.0	11.1	29.6	49.9	77.6	105.3	133.0	160.8	186.6	212.5	234.7
-2.5°	0.0	11.1	29.6	49.9	77.6	105.3	133.0	160.8	186.6	212.5	234.7
-5°	0.0	11.1	29.5	49.7	76.9	104.8	132.4	160.0	185.8	210.8	234.6
-7.5°	0.0	11.0	29.3	49.4	76.2	104.1	131.5	159.1	184.8	209.3	233.7
-10°	0.0	10.9	29.0	49.0	75.3	103.1	130.4	157.8	183.3	207.4	232.2
-12.5°	0.0	10.8	28.7	48.4	74.2	101.8	129.0	156.0	181.5	205.2	230.2
-15°	0.0	10.7	28.3	47.8	73.0	100.3	127.2	154.0	179.3	203.1	227.8
-17.5°	0.0	10.6	27.9	47.1	71.5	98.5	125.1	151.5	176.7	200.5	224.9
-20°	0.0	10.4	27.4	46.2	69.9	96.3	122.7	148.6	173.7	197.4	221.4



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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	10.3	26.8	45.2	68.1	93.9	119.9	145.4	170.3	193.8	217.5
-25°	0.0	10.1	26.1	44.2	66.2	91.3	116.9	141.7	166.6	189.6	213.1
-27.5°	0.0	9.8	25.4	43.0	64.1	88.3	113.5	137.7	162.5	185.0	208.1
-30°	0.0	9.6	24.6	41.7	61.8	85.2	109.8	133.4	157.7	179.9	202.5
-32.5°	0.0	9.4	23.8	40.3	59.4	81.8	105.9	128.7	152.3	174.5	196.2
-35°	0.0	9.1	22.9	38.8	56.9	78.3	101.6	123.9	146.5	168.7	189.4
-37.5°	0.0	8.8	21.9	37.3	54.2	74.6	97.1	118.7	140.3	162.6	182.3
-40°	0.0	8.5	20.9	35.6	51.4	71.1	92.2	113.2	133.7	155.4	175.0
-42.5°	0.0	8.2	19.9	33.8	48.7	67.3	87.2	107.5	127.0	147.6	167.2
-45°	0.0	7.8	18.7	31.9	46.2	63.4	82.0	101.4	120.2	139.4	158.9
-47.5°	0.0	7.5	17.6	30.0	43.6	59.3	76.6	95.1	113.0	131.0	149.5
-50°	0.0	7.1	16.4	28.1	40.8	55.1	71.4	88.6	105.7	122.8	140.0
-52.5°	0.0	6.8	15.1	26.2	38.0	50.6	66.1	81.9	98.2	114.3	130.2
-55°	0.0	6.4	13.8	24.2	35.0	46.8	60.6	75.1	90.4	105.5	120.4
-57.5°	0.0	6.0	12.5	22.2	31.9	42.9	55.0	68.5	82.3	96.5	110.4
-60°	0.0	5.5	11.1	20.1	28.8	38.9	49.3	61.8	74.2	87.2	100.2
-62.5°	0.0	5.1	10.2	18.0	26.0	34.8	44.3	54.9	66.3	77.8	89.7
-65°	0.0	4.7	9.4	15.9	23.2	30.5	39.2	48.1	58.3	68.6	79.0
-67.5°	0.0	4.2	8.5	13.7	20.4	26.6	33.9	42.1	50.1	59.4	68.6
-70°	0.0	3.8	7.6	11.5	17.5	23.1	28.6	35.9	43.2	50.1	58.3
-72.5°	0.0	3.3	6.7	10.0	14.6	19.6	24.2	29.7	36.2	42.4	48.3
-75°	0.0	2.9	5.7	8.6	11.6	16.0	20.1	24.4	29.2	34.7	39.9
-77.5°	0.0	2.4	4.8	7.2	9.6	12.4	15.8	19.5	23.3	27.2	31.5
-80°	0.0	1.9	3.9	5.8	7.7	9.6	11.6	14.5	17.4	20.5	23.7
-82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.7	16.0
-85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
85°	10.2	11.1	12.4	13.5	14.6	15.6	16.4	17.2	18.3	19.4	20.6
82.5°	18.0	19.8	21.5	23.0	24.4	25.7	26.9	28.8	31.1	33.3	35.3
80°	26.3	28.6	31.3	34.1	37.0	39.8	42.7	45.6	48.2	50.6	53.1
77.5°	35.3	39.0	42.8	46.6	50.6	55.1	59.3	63.4	67.2	70.9	74.6
75°	44.7	49.4	55.0	60.6	66.1	71.4	76.6	81.9	86.9	91.7	96.3
72.5°	54.9	61.8	68.5	75.1	82.2	89.0	95.4	101.2	107.4	113.5	119.2
70°	66.3	74.2	82.6	91.1	99.5	107.0	114.5	122.2	129.8	136.4	142.1
67.5°	77.8	87.5	97.2	106.9	116.1	124.8	133.8	142.3	150.2	157.1	163.6
65°	89.7	100.6	111.3	121.8	132.0	142.3	152.1	161.3	169.9	177.6	184.9
62.5°	101.4	113.3	125.0	136.6	148.5	159.9	170.1	179.8	189.2	197.5	205.4
60°	112.9	125.7	138.5	151.6	164.5	176.4	187.4	197.6	207.2	216.4	224.6
57.5°	124.2	137.9	151.9	165.9	179.5	192.4	203.6	214.4	224.2	233.5	242.1
55°	135.2	149.8	164.8	179.6	193.8	207.1	219.1	229.9	240.3	248.8	257.0
52.5°	146.1	161.4	177.2	192.6	207.1	220.8	233.3	244.2	253.7	262.5	269.7
50°	156.9	172.8	189.1	204.7	219.7	233.6	246.2	256.7	265.8	273.9	280.6
47.5°	167.0	183.8	200.0	216.2	231.3	245.2	257.5	267.4	276.4	283.5	289.8
45°	176.5	194.0	210.9	226.7	242.1	255.8	267.2	277.2	285.3	292.5	298.9
42.5°	185.6	203.9	221.0	236.8	251.9	265.1	276.3	285.6	293.9	301.0	308.0
40°	194.3	213.5	230.7	246.3	261.1	273.6	284.1	293.5	301.7	309.8	317.5
37.5°	202.8	222.2	240.0	255.9	268.9	281.1	291.4	300.8	310.0	318.9	329.1
35°	211.0	230.7	248.6	264.2	277.0	287.6	298.2	308.5	319.1	330.2	342.2
32.5°	218.5	238.8	256.9	271.2	283.2	293.9	304.9	317.3	329.9	342.6	357.4
30°	225.2	246.1	264.3	277.8	288.8	299.5	312.5	326.6	341.4	356.1	373.2
27.5°	231.1	252.9	270.0	282.9	293.8	304.1	318.6	336.8	352.8	368.5	387.4
25°	236.5	258.4	275.1	287.3	297.5	308.6	323.6	342.4	362.6	379.6	406.0
22.5°	241.2	263.4	279.9	291.2	300.4	312.4	327.6	346.1	366.9	388.3	424.9
20°	245.3	267.0	283.9	294.5	302.6	315.1	329.8	348.7	371.7	402.8	443.2
17.5°	248.8	270.7	286.9	296.7	305.3	317.1	330.5	350.2	377.0	415.8	460.2
15°	251.8	274.3	289.5	298.5	307.4	319.0	333.6	354.1	385.0	427.9	475.7
12.5°	254.3	277.8	291.6	300.0	308.8	320.5	336.9	360.3	394.6	439.9	492.8
10°	256.2	280.9	293.2	301.1	309.5	321.4	339.7	365.2	402.5	451.0	507.9
7.5°	258.0	283.5	294.5	302.0	309.6	322.0	342.0	368.7	408.3	460.2	520.7
5°	259.4	285.1	295.7	302.6	309.5	322.1	343.7	370.9	412.0	467.1	530.1
2.5°	260.2	286.1	296.7	302.9	309.2	322.1	345.0	374.5	416.4	472.3	535.9
0°	260.5	286.4	297.5	303.0	308.6	321.5	345.5	376.9	419.4	474.9	537.7
-2.5°	260.2	286.1	296.7	302.9	309.2	322.1	345.0	374.5	416.4	472.3	535.9
-5°	259.4	285.1	295.7	302.6	309.5	322.1	343.7	370.9	412.0	467.1	530.1
-7.5°	258.0	283.5	294.5	302.0	309.6	322.0	342.0	368.7	408.3	460.2	520.7
-10°	256.2	280.9	293.2	301.1	309.5	321.4	339.7	365.2	402.5	451.0	507.9
-12.5°	254.3	277.8	291.6	300.0	308.8	320.5	336.9	360.3	394.6	439.9	492.8
-15°	251.8	274.3	289.5	298.5	307.4	319.0	333.6	354.1	385.0	427.9	475.7
-17.5°	248.8	270.7	286.9	296.7	305.3	317.1	330.5	350.2	377.0	415.8	460.2
-20°	245.3	267.0	283.9	294.5	302.6	315.1	329.8	348.7	371.7	402.8	443.2



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	241.2	263.4	279.9	291.2	300.4	312.4	327.6	346.1	366.9	388.3	424.9
-25°	236.5	258.4	275.1	287.3	297.5	308.6	323.6	342.4	362.6	379.6	406.0
-27.5°	231.1	252.9	270.0	282.9	293.8	304.1	318.6	336.8	352.8	368.5	387.4
-30°	225.2	246.1	264.3	277.8	288.8	299.5	312.5	326.6	341.4	356.1	373.2
-32.5°	218.5	238.8	256.9	271.2	283.2	293.9	304.9	317.3	329.9	342.6	357.4
-35°	211.0	230.7	248.6	264.2	277.0	287.6	298.2	308.5	319.1	330.2	342.2
-37.5°	202.8	222.2	240.0	255.9	268.9	281.1	291.4	300.8	310.0	318.9	329.1
-40°	194.3	213.5	230.7	246.3	261.1	273.6	284.1	293.5	301.7	309.8	317.5
-42.5°	185.6	203.9	221.0	236.8	251.9	265.1	276.3	285.6	293.9	301.0	308.0
-45°	176.5	194.0	210.9	226.7	242.1	255.8	267.2	277.2	285.3	292.5	298.9
-47.5°	167.0	183.8	200.0	216.2	231.3	245.2	257.5	267.4	276.4	283.5	289.8
-50°	156.9	172.8	189.1	204.7	219.7	233.6	246.2	256.7	265.8	273.9	280.6
-52.5°	146.1	161.4	177.2	192.6	207.1	220.8	233.3	244.2	253.7	262.5	269.7
-55°	135.2	149.8	164.8	179.6	193.8	207.1	219.1	229.9	240.3	248.8	257.0
-57.5°	124.2	137.9	151.9	165.9	179.5	192.4	203.6	214.4	224.2	233.5	242.1
-60°	112.9	125.7	138.5	151.6	164.5	176.4	187.4	197.6	207.2	216.4	224.6
-62.5°	101.4	113.3	125.0	136.6	148.5	159.9	170.1	179.8	189.2	197.5	205.4
-65°	89.7	100.6	111.3	121.8	132.0	142.3	152.1	161.3	169.9	177.6	184.9
-67.5°	77.8	87.5	97.2	106.9	116.1	124.8	133.8	142.3	150.2	157.1	163.6
-70°	66.3	74.2	82.6	91.1	99.5	107.0	114.5	122.2	129.8	136.4	142.1
-72.5°	54.9	61.8	68.5	75.1	82.2	89.0	95.4	101.2	107.4	113.5	119.2
-75°	44.7	49.4	55.0	60.6	66.1	71.4	76.6	81.9	86.9	91.7	96.3
-77.5°	35.3	39.0	42.8	46.6	50.6	55.1	59.3	63.4	67.2	70.9	74.6
-80°	26.3	28.6	31.3	34.1	37.0	39.8	42.7	45.6	48.2	50.6	53.1
-82.5°	18.0	19.8	21.5	23.0	24.4	25.7	26.9	28.8	31.1	33.3	35.3
-85°	10.2	11.1	12.4	13.5	14.6	15.6	16.4	17.2	18.3	19.4	20.6
-87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
-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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	9.1	9.0	8.8	8.6	8.3	8.9	9.5	10.1	10.7	10.8	10.9
85°	21.7	22.3	23.0	23.6	24.2	24.9	25.6	26.1	26.6	27.4	28.1
82.5°	36.9	38.4	39.8	41.1	42.3	43.7	45.1	46.4	47.6	48.3	48.9
80°	55.6	58.1	60.4	62.4	64.1	66.4	68.5	70.4	72.2	73.3	74.2
77.5°	78.2	81.3	84.1	86.9	89.5	92.0	94.1	95.8	97.2	98.9	100.4
75°	100.6	104.8	108.7	112.2	115.4	118.1	120.7	123.0	125.0	127.0	128.5
72.5°	124.4	129.2	133.4	137.3	141.0	144.6	147.9	150.9	153.5	155.7	157.6
70°	147.4	152.6	157.7	162.6	167.0	171.0	174.6	177.8	180.6	183.0	185.0
67.5°	169.7	175.5	181.3	186.8	191.6	195.8	199.9	203.7	207.1	209.8	211.5
65°	191.8	198.3	204.5	210.1	214.9	219.4	224.0	228.0	231.4	233.9	235.6
62.5°	213.2	220.2	226.3	232.0	237.6	242.2	246.2	249.8	253.2	256.0	257.7
60°	232.3	239.6	245.6	251.0	256.0	260.6	264.5	268.4	272.0	275.2	277.6
57.5°	249.2	256.0	262.0	266.9	271.5	275.6	279.4	282.6	285.1	287.0	288.6
55°	264.0	270.1	275.8	280.5	284.5	287.8	290.6	292.8	294.6	295.8	296.8
52.5°	276.6	282.2	287.7	292.4	295.5	298.2	300.7	303.4	304.9	305.1	305.0
50°	286.7	292.6	297.6	301.8	306.0	310.6	315.5	317.9	318.9	318.2	317.4
47.5°	295.9	301.7	307.2	312.4	318.5	326.2	334.1	337.9	337.6	335.9	335.1
45°	305.1	311.4	317.8	325.8	334.2	344.3	353.6	359.4	359.4	359.6	360.9
42.5°	314.5	322.4	331.2	342.0	353.1	364.5	374.3	381.5	386.8	393.4	398.9
40°	326.2	335.0	348.2	361.6	376.0	388.0	403.3	416.4	427.2	436.9	444.4
37.5°	339.9	352.5	369.2	386.5	405.1	423.9	441.7	458.4	472.5	488.7	500.8
35°	356.4	374.3	394.6	416.2	439.4	463.3	486.2	512.7	536.0	556.8	573.8
32.5°	375.6	397.2	422.1	450.8	479.9	511.4	544.3	578.4	611.1	645.3	679.4
30°	394.9	423.4	455.2	490.1	524.2	565.3	608.3	663.9	722.3	788.8	891.1
27.5°	418.3	452.5	489.5	529.6	576.4	629.1	711.8	814.7	990.3	1121.5	1474.0
25°	441.4	480.4	527.8	579.8	642.8	739.1	936.7	1165.4	1674.6	2151.3	2702.0
22.5°	464.7	513.3	570.1	633.5	743.1	991.0	1367.4	2056.9	2843.4	3678.3	4528.7
20°	488.2	545.4	616.6	722.5	951.9	1376.0	2221.1	3328.8	4446.5	5811.8	6992.5
17.5°	514.6	585.6	678.7	837.9	1215.8	2124.7	3374.5	4911.6	6641.2	8396.5	9870.4
15°	536.5	619.6	744.2	1055.5	1768.9	2974.7	4610.3	6693.9	9052.3	11271.4	13164.2
12.5°	560.6	657.3	821.3	1232.0	2279.2	3864.6	6020.1	8584.1	11413.3	14454.0	19268.3
10°	582.9	695.3	950.5	1598.6	2867.5	4763.7	7282.5	10171.6	13602.7	19690.6	31071.1
7.5°	601.6	725.5	1047.7	1871.8	3400.0	5612.0	8311.7	11529.0	16687.6	26915.6	46066.2
5°	614.4	745.5	1115.2	2076.2	3824.1	6237.8	8969.7	12422.8	19834.8	35747.2	58806.4
2.5°	623.4	756.3	1151.3	2195.4	4092.5	6652.1	9435.8	13024.3	21947.8	40855.6	67872.4
0°	630.1	759.4	1158.6	2298.6	4183.4	6792.5	9458.8	13185.8	22672.3	42850.1	71102.7
-2.5°	623.4	756.3	1151.3	2195.4	4092.5	6652.1	9435.8	13024.3	21947.8	40855.6	67872.4
-5°	614.4	745.5	1115.2	2076.2	3824.1	6237.8	8969.7	12422.8	19834.8	35747.2	58806.4
-7.5°	601.6	725.5	1047.7	1871.8	3400.0	5612.0	8311.7	11529.0	16687.6	26915.6	46066.2
-10°	582.9	695.3	950.5	1598.6	2867.5	4763.7	7282.5	10171.6	13602.7	19690.6	31071.1
-12.5°	560.6	657.3	821.3	1232.0	2279.2	3864.6	6020.1	8584.1	11413.3	14454.0	19268.3
-15°	536.5	619.6	744.2	1055.5	1768.9	2974.7	4610.3	6693.9	9052.3	11271.4	13164.2
-17.5°	514.6	585.6	678.7	837.9	1215.8	2124.7	3374.5	4911.6	6641.2	8396.5	9870.4
-20°	488.2	545.4	616.6	722.5	951.9	1376.0	2221.1	3328.8	4446.5	5811.8	6992.5



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	464.7	513.3	570.1	633.5	743.1	991.0	1367.4	2056.9	2843.4	3678.3	4528.7
-25°	441.4	480.4	527.8	579.8	642.8	739.1	936.7	1165.4	1674.6	2151.3	2702.0
-27.5°	418.3	452.5	489.5	529.6	576.4	629.1	711.8	814.7	990.3	1121.5	1474.0
-30°	394.9	423.4	455.2	490.1	524.2	565.3	608.3	663.9	722.3	788.8	891.1
-32.5°	375.6	397.2	422.1	450.8	479.9	511.4	544.3	578.4	611.1	645.3	679.4
-35°	356.4	374.3	394.6	416.2	439.4	463.3	486.2	512.7	536.0	556.8	573.8
-37.5°	339.9	352.5	369.2	386.5	405.1	423.9	441.7	458.4	472.5	488.7	500.8
-40°	326.2	335.0	348.2	361.6	376.0	388.0	403.3	416.4	427.2	436.9	444.4
-42.5°	314.5	322.4	331.2	342.0	353.1	364.5	374.3	381.5	386.8	393.4	398.9
-45°	305.1	311.4	317.8	325.8	334.2	344.3	353.6	359.4	359.4	359.6	360.9
-47.5°	295.9	301.7	307.2	312.4	318.5	326.2	334.1	337.9	337.6	335.9	335.1
-50°	286.7	292.6	297.6	301.8	306.0	310.6	315.5	317.9	318.9	318.2	317.4
-52.5°	276.6	282.2	287.7	292.4	295.5	298.2	300.7	303.4	304.9	305.1	305.0
-55°	264.0	270.1	275.8	280.5	284.5	287.8	290.6	292.8	294.6	295.8	296.8
-57.5°	249.2	256.0	262.0	266.9	271.5	275.6	279.4	282.6	285.1	287.0	288.6
-60°	232.3	239.6	245.6	251.0	256.0	260.6	264.5	268.4	272.0	275.2	277.6
-62.5°	213.2	220.2	226.3	232.0	237.6	242.2	246.2	249.8	253.2	256.0	257.7
-65°	191.8	198.3	204.5	210.1	214.9	219.4	224.0	228.0	231.4	233.9	235.6
-67.5°	169.7	175.5	181.3	186.8	191.6	195.8	199.9	203.7	207.1	209.8	211.5
-70°	147.4	152.6	157.7	162.6	167.0	171.0	174.6	177.8	180.6	183.0	185.0
-72.5°	124.4	129.2	133.4	137.3	141.0	144.6	147.9	150.9	153.5	155.7	157.6
-75°	100.6	104.8	108.7	112.2	115.4	118.1	120.7	123.0	125.0	127.0	128.5
-77.5°	78.2	81.3	84.1	86.9	89.5	92.0	94.1	95.8	97.2	98.9	100.4
-80°	55.6	58.1	60.4	62.4	64.1	66.4	68.5	70.4	72.2	73.3	74.2
-82.5°	36.9	38.4	39.8	41.1	42.3	43.7	45.1	46.4	47.6	48.3	48.9
-85°	21.7	22.3	23.0	23.6	24.2	24.9	25.6	26.1	26.6	27.4	28.1
-87.5°	9.1	9.0	8.8	8.6	8.3	8.9	9.5	10.1	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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.1
85°	28.8	29.5	28.6	27.7	28.6	29.5	28.8	28.1	27.4	26.6	26.1
82.5°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.3	47.6	46.4
80°	74.9	75.4	76.6	77.6	76.6	75.4	74.9	74.2	73.3	72.2	70.4
77.5°	101.8	102.9	103.4	103.5	103.4	102.9	101.8	100.4	98.9	97.2	95.8
75°	129.7	130.6	132.8	134.9	132.8	130.6	129.7	128.5	127.0	125.0	123.0
72.5°	159.0	160.0	161.5	162.6	161.5	160.0	159.0	157.6	155.7	153.5	150.9
70°	186.5	187.6	188.3	188.5	188.3	187.6	186.5	185.0	183.0	180.6	177.8
67.5°	212.7	213.4	213.2	212.5	213.2	213.4	212.7	211.5	209.8	207.1	203.7
65°	236.8	237.5	237.3	236.5	237.3	237.5	236.8	235.6	233.9	231.4	228.0
62.5°	258.9	259.6	260.2	260.5	260.2	259.6	258.9	257.7	256.0	253.2	249.8
60°	279.7	281.5	282.4	282.7	282.4	281.5	279.7	277.6	275.2	272.0	268.4
57.5°	290.1	291.2	291.8	291.9	291.8	291.2	290.1	288.6	287.0	285.1	282.6
55°	297.3	297.3	296.7	295.6	296.7	297.3	297.3	296.8	295.8	294.6	292.8
52.5°	304.4	303.3	302.9	303.0	302.9	303.3	304.4	305.0	305.1	304.9	303.4
50°	316.4	314.7	313.9	314.1	313.9	314.7	316.4	317.4	318.2	318.9	317.9
47.5°	336.2	336.9	337.6	338.1	337.6	336.9	336.2	335.1	335.9	337.6	337.9
45°	364.7	367.3	368.9	369.6	368.9	367.3	364.7	360.9	359.6	359.4	359.4
42.5°	404.4	407.6	408.8	408.4	408.8	407.6	404.4	398.9	393.4	386.8	381.5
40°	452.2	458.4	462.0	461.9	462.0	458.4	452.2	444.4	436.9	427.2	416.4
37.5°	511.7	520.0	524.2	522.9	524.2	520.0	511.7	500.8	488.7	472.5	458.4
35°	586.8	595.0	598.4	602.4	598.4	595.0	586.8	573.8	556.8	536.0	512.7
32.5°	706.3	723.1	729.8	720.6	729.8	723.1	706.3	679.4	645.3	611.1	578.4
30°	960.3	1021.6	1062.6	1082.8	1062.6	1021.6	960.3	891.1	788.8	722.3	663.9
27.5°	1716.7	1877.2	1945.2	1982.7	1945.2	1877.2	1716.7	1474.0	1121.5	990.3	814.7
25°	3173.6	3516.3	3713.5	3697.4	3713.5	3516.3	3173.6	2702.0	2151.3	1674.6	1165.4
22.5°	5318.7	5859.3	6183.6	6302.8	6183.6	5859.3	5318.7	4528.7	3678.3	2843.4	2056.9
20°	7978.1	8584.3	8901.3	8948.8	8901.3	8584.3	7978.1	6992.5	5811.8	4446.5	3328.8
17.5°	11030.3	11605.0	11939.0	11934.8	11939.0	11605.0	11030.3	9870.4	8396.5	6641.2	4911.6
15°	15742.2	17966.7	19221.0	19037.7	19221.0	17966.7	15742.2	13164.2	11271.4	9052.3	6693.9
12.5°	25794.7	34679.2	40190.1	41551.1	40190.1	34679.2	25794.7	19268.3	14454.0	11413.3	8584.1
10°	45582.7	58874.4	69489.3	72556.9	69489.3	58874.4	45582.7	31071.1	19690.6	13602.7	10171.6
7.5°	65567.7	81342.9	87835.0	88589.2	87835.0	81342.9	65567.7	46066.2	26915.6	16687.6	11529.0
5°	80652.6	96704.2	98562.1	93895.1	98562.1	96704.2	80652.6	58806.4	35747.2	19834.8	12422.8
2.5°	90609.8	102737.0	104469.0	101957.1	104469.0	102737.0	90609.8	67872.4	40855.6	21947.8	13024.3
0°	92880.7	101132.9	103593.2	103862.1	103593.2	101132.9	92880.7	71102.7	42850.1	22672.3	13185.8
-2.5°	90609.8	102737.0	104469.0	101957.1	104469.0	102737.0	90609.8	67872.4	40855.6	21947.8	13024.3
-5°	80652.6	96704.2	98562.1	93895.1	98562.1	96704.2	80652.6	58806.4	35747.2	19834.8	12422.8
-7.5°	65567.7	81342.9	87835.0	88589.2	87835.0	81342.9	65567.7	46066.2	26915.6	16687.6	11529.0
-10°	45582.7	58874.4	69489.3	72556.9	69489.3	58874.4	45582.7	31071.1	19690.6	13602.7	10171.6
-12.5°	25794.7	34679.2	40190.1	41551.1	40190.1	34679.2	25794.7	19268.3	14454.0	11413.3	8584.1
-15°	15742.2	17966.7	19221.0	19037.7	19221.0	17966.7	15742.2	13164.2	11271.4	9052.3	6693.9
-17.5°	11030.3	11605.0	11939.0	11934.8	11939.0	11605.0	11030.3	9870.4	8396.5	6641.2	4911.6
-20°	7978.1	8584.3	8901.3	8948.8	8901.3	8584.3	7978.1	6992.5	5811.8	4446.5	3328.8



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	5318.7	5859.3	6183.6	6302.8	6183.6	5859.3	5318.7	4528.7	3678.3	2843.4	2056.9
-25°	3173.6	3516.3	3713.5	3697.4	3713.5	3516.3	3173.6	2702.0	2151.3	1674.6	1165.4
-27.5°	1716.7	1877.2	1945.2	1982.7	1945.2	1877.2	1716.7	1474.0	1121.5	990.3	814.7
-30°	960.3	1021.6	1062.6	1082.8	1062.6	1021.6	960.3	891.1	788.8	722.3	663.9
-32.5°	706.3	723.1	729.8	720.6	729.8	723.1	706.3	679.4	645.3	611.1	578.4
-35°	586.8	595.0	598.4	602.4	598.4	595.0	586.8	573.8	556.8	536.0	512.7
-37.5°	511.7	520.0	524.2	522.9	524.2	520.0	511.7	500.8	488.7	472.5	458.4
-40°	452.2	458.4	462.0	461.9	462.0	458.4	452.2	444.4	436.9	427.2	416.4
-42.5°	404.4	407.6	408.8	408.4	408.8	407.6	404.4	398.9	393.4	386.8	381.5
-45°	364.7	367.3	368.9	369.6	368.9	367.3	364.7	360.9	359.6	359.4	359.4
-47.5°	336.2	336.9	337.6	338.1	337.6	336.9	336.2	335.1	335.9	337.6	337.9
-50°	316.4	314.7	313.9	314.1	313.9	314.7	316.4	317.4	318.2	318.9	317.9
-52.5°	304.4	303.3	302.9	303.0	302.9	303.3	304.4	305.0	305.1	304.9	303.4
-55°	297.3	297.3	296.7	295.6	296.7	297.3	297.3	296.8	295.8	294.6	292.8
-57.5°	290.1	291.2	291.8	291.9	291.8	291.2	290.1	288.6	287.0	285.1	282.6
-60°	279.7	281.5	282.4	282.7	282.4	281.5	279.7	277.6	275.2	272.0	268.4
-62.5°	258.9	259.6	260.2	260.5	260.2	259.6	258.9	257.7	256.0	253.2	249.8
-65°	236.8	237.5	237.3	236.5	237.3	237.5	236.8	235.6	233.9	231.4	228.0
-67.5°	212.7	213.4	213.2	212.5	213.2	213.4	212.7	211.5	209.8	207.1	203.7
-70°	186.5	187.6	188.3	188.5	188.3	187.6	186.5	185.0	183.0	180.6	177.8
-72.5°	159.0	160.0	161.5	162.6	161.5	160.0	159.0	157.6	155.7	153.5	150.9
-75°	129.7	130.6	132.8	134.9	132.8	130.6	129.7	128.5	127.0	125.0	123.0
-77.5°	101.8	102.9	103.4	103.5	103.4	102.9	101.8	100.4	98.9	97.2	95.8
-80°	74.9	75.4	76.6	77.6	76.6	75.4	74.9	74.2	73.3	72.2	70.4
-82.5°	49.4	49.7	49.8	49.9	49.8	49.7	49.4	48.9	48.3	47.6	46.4
-85°	28.8	29.5	28.6	27.7	28.6	29.5	28.8	28.1	27.4	26.6	26.1
-87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.1
-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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	9.5	8.9	8.3	8.6	8.8	9.0	9.1	8.8	8.5	8.2	7.8
85°	25.6	24.9	24.2	23.6	23.0	22.3	21.7	20.6	19.4	18.3	17.2
82.5°	45.1	43.7	42.3	41.1	39.8	38.4	36.9	35.3	33.3	31.1	28.8
80°	68.5	66.4	64.1	62.4	60.4	58.1	55.6	53.1	50.6	48.2	45.6
77.5°	94.1	92.0	89.5	86.9	84.1	81.3	78.2	74.6	70.9	67.2	63.4
75°	120.7	118.1	115.4	112.2	108.7	104.8	100.6	96.3	91.7	86.9	81.9
72.5°	147.9	144.6	141.0	137.3	133.4	129.2	124.4	119.2	113.5	107.4	101.2
70°	174.6	171.0	167.0	162.6	157.7	152.6	147.4	142.1	136.4	129.8	122.2
67.5°	199.9	195.8	191.6	186.8	181.3	175.5	169.7	163.6	157.1	150.2	142.3
65°	224.0	219.4	214.9	210.1	204.5	198.3	191.8	184.9	177.6	169.9	161.3
62.5°	246.2	242.2	237.6	232.0	226.3	220.2	213.2	205.4	197.5	189.2	179.8
60°	264.5	260.6	256.0	251.0	245.6	239.6	232.3	224.6	216.4	207.2	197.6
57.5°	279.4	275.6	271.5	266.9	262.0	256.0	249.2	242.1	233.5	224.2	214.4
55°	290.6	287.8	284.5	280.5	275.8	270.1	264.0	257.0	248.8	240.3	229.9
52.5°	300.7	298.2	295.5	292.4	287.7	282.2	276.6	269.7	262.5	253.7	244.2
50°	315.5	310.6	306.0	301.8	297.6	292.6	286.7	280.6	273.9	265.8	256.7
47.5°	334.1	326.2	318.5	312.4	307.2	301.7	295.9	289.8	283.5	276.4	267.4
45°	353.6	344.3	334.2	325.8	317.8	311.4	305.1	298.9	292.5	285.3	277.2
42.5°	374.3	364.5	353.1	342.0	331.2	322.4	314.5	308.0	301.0	293.9	285.6
40°	403.3	388.0	376.0	361.6	348.2	335.0	326.2	317.5	309.8	301.7	293.5
37.5°	441.7	423.9	405.1	386.5	369.2	352.5	339.9	329.1	318.9	310.0	300.8
35°	486.2	463.3	439.4	416.2	394.6	374.3	356.4	342.2	330.2	319.1	308.5
32.5°	544.3	511.4	479.9	450.8	422.1	397.2	375.6	357.4	342.6	329.9	317.3
30°	608.3	565.3	524.2	490.1	455.2	423.4	394.9	373.2	356.1	341.4	326.6
27.5°	711.8	629.1	576.4	529.6	489.5	452.5	418.3	387.4	368.5	352.8	336.8
25°	936.7	739.1	642.8	579.8	527.8	480.4	441.4	406.0	379.6	362.6	342.4
22.5°	1367.4	991.0	743.1	633.5	570.1	513.3	464.7	424.9	388.3	366.9	346.1
20°	2221.1	1376.0	951.9	722.5	616.6	545.4	488.2	443.2	402.8	371.7	348.7
17.5°	3374.5	2124.7	1215.8	837.9	678.7	585.6	514.6	460.2	415.8	377.0	350.2
15°	4610.3	2974.7	1768.9	1055.5	744.2	619.6	536.5	475.7	427.9	385.0	354.1
12.5°	6020.1	3864.6	2279.2	1232.0	821.3	657.3	560.6	492.8	439.9	394.6	360.3
10°	7282.5	4763.7	2867.5	1598.6	950.5	695.3	582.9	507.9	451.0	402.5	365.2
7.5°	8311.7	5612.0	3400.0	1871.8	1047.7	725.5	601.6	520.7	460.2	408.3	368.7
5°	8969.7	6237.8	3824.1	2076.2	1115.2	745.5	614.4	530.1	467.1	412.0	370.9
2.5°	9435.8	6652.1	4092.5	2195.4	1151.3	756.3	623.4	535.9	472.3	416.4	374.5
0°	9458.8	6792.5	4183.4	2298.6	1158.6	759.4	630.1	537.7	474.9	419.4	376.9
-2.5°	9435.8	6652.1	4092.5	2195.4	1151.3	756.3	623.4	535.9	472.3	416.4	374.5
-5°	8969.7	6237.8	3824.1	2076.2	1115.2	745.5	614.4	530.1	467.1	412.0	370.9
-7.5°	8311.7	5612.0	3400.0	1871.8	1047.7	725.5	601.6	520.7	460.2	408.3	368.7
-10°	7282.5	4763.7	2867.5	1598.6	950.5	695.3	582.9	507.9	451.0	402.5	365.2
-12.5°	6020.1	3864.6	2279.2	1232.0	821.3	657.3	560.6	492.8	439.9	394.6	360.3
-15°	4610.3	2974.7	1768.9	1055.5	744.2	619.6	536.5	475.7	427.9	385.0	354.1
-17.5°	3374.5	2124.7	1215.8	837.9	678.7	585.6	514.6	460.2	415.8	377.0	350.2
-20°	2221.1	1376.0	951.9	722.5	616.6	545.4	488.2	443.2	402.8	371.7	348.7



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1367.4	991.0	743.1	633.5	570.1	513.3	464.7	424.9	388.3	366.9	346.1
-25°	936.7	739.1	642.8	579.8	527.8	480.4	441.4	406.0	379.6	362.6	342.4
-27.5°	711.8	629.1	576.4	529.6	489.5	452.5	418.3	387.4	368.5	352.8	336.8
-30°	608.3	565.3	524.2	490.1	455.2	423.4	394.9	373.2	356.1	341.4	326.6
-32.5°	544.3	511.4	479.9	450.8	422.1	397.2	375.6	357.4	342.6	329.9	317.3
-35°	486.2	463.3	439.4	416.2	394.6	374.3	356.4	342.2	330.2	319.1	308.5
-37.5°	441.7	423.9	405.1	386.5	369.2	352.5	339.9	329.1	318.9	310.0	300.8
-40°	403.3	388.0	376.0	361.6	348.2	335.0	326.2	317.5	309.8	301.7	293.5
-42.5°	374.3	364.5	353.1	342.0	331.2	322.4	314.5	308.0	301.0	293.9	285.6
-45°	353.6	344.3	334.2	325.8	317.8	311.4	305.1	298.9	292.5	285.3	277.2
-47.5°	334.1	326.2	318.5	312.4	307.2	301.7	295.9	289.8	283.5	276.4	267.4
-50°	315.5	310.6	306.0	301.8	297.6	292.6	286.7	280.6	273.9	265.8	256.7
-52.5°	300.7	298.2	295.5	292.4	287.7	282.2	276.6	269.7	262.5	253.7	244.2
-55°	290.6	287.8	284.5	280.5	275.8	270.1	264.0	257.0	248.8	240.3	229.9
-57.5°	279.4	275.6	271.5	266.9	262.0	256.0	249.2	242.1	233.5	224.2	214.4
-60°	264.5	260.6	256.0	251.0	245.6	239.6	232.3	224.6	216.4	207.2	197.6
-62.5°	246.2	242.2	237.6	232.0	226.3	220.2	213.2	205.4	197.5	189.2	179.8
-65°	224.0	219.4	214.9	210.1	204.5	198.3	191.8	184.9	177.6	169.9	161.3
-67.5°	199.9	195.8	191.6	186.8	181.3	175.5	169.7	163.6	157.1	150.2	142.3
-70°	174.6	171.0	167.0	162.6	157.7	152.6	147.4	142.1	136.4	129.8	122.2
-72.5°	147.9	144.6	141.0	137.3	133.4	129.2	124.4	119.2	113.5	107.4	101.2
-75°	120.7	118.1	115.4	112.2	108.7	104.8	100.6	96.3	91.7	86.9	81.9
-77.5°	94.1	92.0	89.5	86.9	84.1	81.3	78.2	74.6	70.9	67.2	63.4
-80°	68.5	66.4	64.1	62.4	60.4	58.1	55.6	53.1	50.6	48.2	45.6
-82.5°	45.1	43.7	42.3	41.1	39.8	38.4	36.9	35.3	33.3	31.1	28.8
-85°	25.6	24.9	24.2	23.6	23.0	22.3	21.7	20.6	19.4	18.3	17.2
-87.5°	9.5	8.9	8.3	8.6	8.8	9.0	9.1	8.8	8.5	8.2	7.8
-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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
85°	16.4	15.6	14.6	13.5	12.4	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	26.9	25.7	24.4	23.0	21.5	19.8	18.0	16.0	13.7	11.5	10.0
80°	42.7	39.8	37.0	34.1	31.3	28.6	26.3	23.7	20.5	17.4	14.5
77.5°	59.3	55.1	50.6	46.6	42.8	39.0	35.3	31.5	27.2	23.3	19.5
75°	76.6	71.4	66.1	60.6	55.0	49.4	44.7	39.9	34.7	29.2	24.4
72.5°	95.4	89.0	82.2	75.1	68.5	61.8	54.9	48.3	42.4	36.2	29.7
70°	114.5	107.0	99.5	91.1	82.6	74.2	66.3	58.3	50.1	43.2	35.9
67.5°	133.8	124.8	116.1	106.9	97.2	87.5	77.8	68.6	59.4	50.1	42.1
65°	152.1	142.3	132.0	121.8	111.3	100.6	89.7	79.0	68.6	58.3	48.1
62.5°	170.1	159.9	148.5	136.6	125.0	113.3	101.4	89.7	77.8	66.3	54.9
60°	187.4	176.4	164.5	151.6	138.5	125.7	112.9	100.2	87.2	74.2	61.8
57.5°	203.6	192.4	179.5	165.9	151.9	137.9	124.2	110.4	96.5	82.3	68.5
55°	219.1	207.1	193.8	179.6	164.8	149.8	135.2	120.4	105.5	90.4	75.1
52.5°	233.3	220.8	207.1	192.6	177.2	161.4	146.1	130.2	114.3	98.2	81.9
50°	246.2	233.6	219.7	204.7	189.1	172.8	156.9	140.0	122.8	105.7	88.6
47.5°	257.5	245.2	231.3	216.2	200.0	183.8	167.0	149.5	131.0	113.0	95.1
45°	267.2	255.8	242.1	226.7	210.9	194.0	176.5	158.9	139.4	120.2	101.4
42.5°	276.3	265.1	251.9	236.8	221.0	203.9	185.6	167.2	147.6	127.0	107.5
40°	284.1	273.6	261.1	246.3	230.7	213.5	194.3	175.0	155.4	133.7	113.2
37.5°	291.4	281.1	268.9	255.9	240.0	222.2	202.8	182.3	162.6	140.3	118.7
35°	298.2	287.6	277.0	264.2	248.6	230.7	211.0	189.4	168.7	146.5	123.9
32.5°	304.9	293.9	283.2	271.2	256.9	238.8	218.5	196.2	174.5	152.3	128.7
30°	312.5	299.5	288.8	277.8	264.3	246.1	225.2	202.5	179.9	157.7	133.4
27.5°	318.6	304.1	293.8	282.9	270.0	252.9	231.1	208.1	185.0	162.5	137.7
25°	323.6	308.6	297.5	287.3	275.1	258.4	236.5	213.1	189.6	166.6	141.7
22.5°	327.6	312.4	300.4	291.2	279.9	263.4	241.2	217.5	193.8	170.3	145.4
20°	329.8	315.1	302.6	294.5	283.9	267.0	245.3	221.4	197.4	173.7	148.6
17.5°	330.5	317.1	305.3	296.7	286.9	270.7	248.8	224.9	200.5	176.7	151.5
15°	333.6	319.0	307.4	298.5	289.5	274.3	251.8	227.8	203.1	179.3	154.0
12.5°	336.9	320.5	308.8	300.0	291.6	277.8	254.3	230.2	205.2	181.5	156.0
10°	339.7	321.4	309.5	301.1	293.2	280.9	256.2	232.2	207.4	183.3	157.8
7.5°	342.0	322.0	309.6	302.0	294.5	283.5	258.0	233.7	209.3	184.8	159.1
5°	343.7	322.1	309.5	302.6	295.7	285.1	259.4	234.6	210.8	185.8	160.0
2.5°	345.0	322.1	309.2	302.9	296.7	286.1	260.2	234.9	211.9	186.4	160.6
0°	345.5	321.5	308.6	303.0	297.5	286.4	260.5	234.7	212.5	186.6	160.8
-2.5°	345.0	322.1	309.2	302.9	296.7	286.1	260.2	234.9	211.9	186.4	160.6
-5°	343.7	322.1	309.5	302.6	295.7	285.1	259.4	234.6	210.8	185.8	160.0
-7.5°	342.0	322.0	309.6	302.0	294.5	283.5	258.0	233.7	209.3	184.8	159.1
-10°	339.7	321.4	309.5	301.1	293.2	280.9	256.2	232.2	207.4	183.3	157.8
-12.5°	336.9	320.5	308.8	300.0	291.6	277.8	254.3	230.2	205.2	181.5	156.0
-15°	333.6	319.0	307.4	298.5	289.5	274.3	251.8	227.8	203.1	179.3	154.0
-17.5°	330.5	317.1	305.3	296.7	286.9	270.7	248.8	224.9	200.5	176.7	151.5
-20°	329.8	315.1	302.6	294.5	283.9	267.0	245.3	221.4	197.4	173.7	148.6



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	327.6	312.4	300.4	291.2	279.9	263.4	241.2	217.5	193.8	170.3	145.4
-25°	323.6	308.6	297.5	287.3	275.1	258.4	236.5	213.1	189.6	166.6	141.7
-27.5°	318.6	304.1	293.8	282.9	270.0	252.9	231.1	208.1	185.0	162.5	137.7
-30°	312.5	299.5	288.8	277.8	264.3	246.1	225.2	202.5	179.9	157.7	133.4
-32.5°	304.9	293.9	283.2	271.2	256.9	238.8	218.5	196.2	174.5	152.3	128.7
-35°	298.2	287.6	277.0	264.2	248.6	230.7	211.0	189.4	168.7	146.5	123.9
-37.5°	291.4	281.1	268.9	255.9	240.0	222.2	202.8	182.3	162.6	140.3	118.7
-40°	284.1	273.6	261.1	246.3	230.7	213.5	194.3	175.0	155.4	133.7	113.2
-42.5°	276.3	265.1	251.9	236.8	221.0	203.9	185.6	167.2	147.6	127.0	107.5
-45°	267.2	255.8	242.1	226.7	210.9	194.0	176.5	158.9	139.4	120.2	101.4
-47.5°	257.5	245.2	231.3	216.2	200.0	183.8	167.0	149.5	131.0	113.0	95.1
-50°	246.2	233.6	219.7	204.7	189.1	172.8	156.9	140.0	122.8	105.7	88.6
-52.5°	233.3	220.8	207.1	192.6	177.2	161.4	146.1	130.2	114.3	98.2	81.9
-55°	219.1	207.1	193.8	179.6	164.8	149.8	135.2	120.4	105.5	90.4	75.1
-57.5°	203.6	192.4	179.5	165.9	151.9	137.9	124.2	110.4	96.5	82.3	68.5
-60°	187.4	176.4	164.5	151.6	138.5	125.7	112.9	100.2	87.2	74.2	61.8
-62.5°	170.1	159.9	148.5	136.6	125.0	113.3	101.4	89.7	77.8	66.3	54.9
-65°	152.1	142.3	132.0	121.8	111.3	100.6	89.7	79.0	68.6	58.3	48.1
-67.5°	133.8	124.8	116.1	106.9	97.2	87.5	77.8	68.6	59.4	50.1	42.1
-70°	114.5	107.0	99.5	91.1	82.6	74.2	66.3	58.3	50.1	43.2	35.9
-72.5°	95.4	89.0	82.2	75.1	68.5	61.8	54.9	48.3	42.4	36.2	29.7
-75°	76.6	71.4	66.1	60.6	55.0	49.4	44.7	39.9	34.7	29.2	24.4
-77.5°	59.3	55.1	50.6	46.6	42.8	39.0	35.3	31.5	27.2	23.3	19.5
-80°	42.7	39.8	37.0	34.1	31.3	28.6	26.3	23.7	20.5	17.4	14.5
-82.5°	26.9	25.7	24.4	23.0	21.5	19.8	18.0	16.0	13.7	11.5	10.0
-85°	16.4	15.6	14.6	13.5	12.4	11.1	10.2	9.4	8.5	7.6	6.7
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
-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: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
80°	11.6	9.6	7.7	5.8	3.9	1.9	0.0
77.5°	15.8	12.4	9.6	7.2	4.8	2.4	0.0
75°	20.1	16.0	11.6	8.6	5.7	2.9	0.0
72.5°	24.2	19.6	14.6	10.0	6.7	3.3	0.0
70°	28.6	23.1	17.5	11.5	7.6	3.8	0.0
67.5°	33.9	26.6	20.4	13.7	8.5	4.2	0.0
65°	39.2	30.5	23.2	15.9	9.4	4.7	0.0
62.5°	44.3	34.8	26.0	18.0	10.2	5.1	0.0
60°	49.3	38.9	28.8	20.1	11.1	5.5	0.0
57.5°	55.0	42.9	31.9	22.2	12.5	6.0	0.0
55°	60.6	46.8	35.0	24.2	13.8	6.4	0.0
52.5°	66.1	50.6	38.0	26.2	15.1	6.8	0.0
50°	71.4	55.1	40.8	28.1	16.4	7.1	0.0
47.5°	76.6	59.3	43.6	30.0	17.6	7.5	0.0
45°	82.0	63.4	46.2	31.9	18.7	7.8	0.0
42.5°	87.2	67.3	48.7	33.8	19.9	8.2	0.0
40°	92.2	71.1	51.4	35.6	20.9	8.5	0.0
37.5°	97.1	74.6	54.2	37.3	21.9	8.8	0.0
35°	101.6	78.3	56.9	38.8	22.9	9.1	0.0
32.5°	105.9	81.8	59.4	40.3	23.8	9.4	0.0
30°	109.8	85.2	61.8	41.7	24.6	9.6	0.0
27.5°	113.5	88.3	64.1	43.0	25.4	9.8	0.0
25°	116.9	91.3	66.2	44.2	26.1	10.1	0.0
22.5°	119.9	93.9	68.1	45.2	26.8	10.3	0.0
20°	122.7	96.3	69.9	46.2	27.4	10.4	0.0
17.5°	125.1	98.5	71.5	47.1	27.9	10.6	0.0
15°	127.2	100.3	73.0	47.8	28.3	10.7	0.0
12.5°	129.0	101.8	74.2	48.4	28.7	10.8	0.0
10°	130.4	103.1	75.3	49.0	29.0	10.9	0.0
7.5°	131.5	104.1	76.2	49.4	29.3	11.0	0.0
5°	132.4	104.8	76.9	49.7	29.5	11.1	0.0
2.5°	132.8	105.2	77.3	49.8	29.6	11.1	0.0
0°	133.0	105.3	77.6	49.9	29.6	11.1	0.0
-2.5°	132.8	105.2	77.3	49.8	29.6	11.1	0.0
-5°	132.4	104.8	76.9	49.7	29.5	11.1	0.0
-7.5°	131.5	104.1	76.2	49.4	29.3	11.0	0.0
-10°	130.4	103.1	75.3	49.0	29.0	10.9	0.0
-12.5°	129.0	101.8	74.2	48.4	28.7	10.8	0.0
-15°	127.2	100.3	73.0	47.8	28.3	10.7	0.0
-17.5°	125.1	98.5	71.5	47.1	27.9	10.6	0.0
-20°	122.7	96.3	69.9	46.2	27.4	10.4	0.0



REPORT NUMBER: P559039 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.9	93.9	68.1	45.2	26.8	10.3	0.0
-25°	116.9	91.3	66.2	44.2	26.1	10.1	0.0
-27.5°	113.5	88.3	64.1	43.0	25.4	9.8	0.0
-30°	109.8	85.2	61.8	41.7	24.6	9.6	0.0
-32.5°	105.9	81.8	59.4	40.3	23.8	9.4	0.0
-35°	101.6	78.3	56.9	38.8	22.9	9.1	0.0
-37.5°	97.1	74.6	54.2	37.3	21.9	8.8	0.0
-40°	92.2	71.1	51.4	35.6	20.9	8.5	0.0
-42.5°	87.2	67.3	48.7	33.8	19.9	8.2	0.0
-45°	82.0	63.4	46.2	31.9	18.7	7.8	0.0
-47.5°	76.6	59.3	43.6	30.0	17.6	7.5	0.0
-50°	71.4	55.1	40.8	28.1	16.4	7.1	0.0
-52.5°	66.1	50.6	38.0	26.2	15.1	6.8	0.0
-55°	60.6	46.8	35.0	24.2	13.8	6.4	0.0
-57.5°	55.0	42.9	31.9	22.2	12.5	6.0	0.0
-60°	49.3	38.9	28.8	20.1	11.1	5.5	0.0
-62.5°	44.3	34.8	26.0	18.0	10.2	5.1	0.0
-65°	39.2	30.5	23.2	15.9	9.4	4.7	0.0
-67.5°	33.9	26.6	20.4	13.7	8.5	4.2	0.0
-70°	28.6	23.1	17.5	11.5	7.6	3.8	0.0
-72.5°	24.2	19.6	14.6	10.0	6.7	3.3	0.0
-75°	20.1	16.0	11.6	8.6	5.7	2.9	0.0
-77.5°	15.8	12.4	9.6	7.2	4.8	2.4	0.0
-80°	11.6	9.6	7.7	5.8	3.9	1.9	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)