

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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4C-940-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

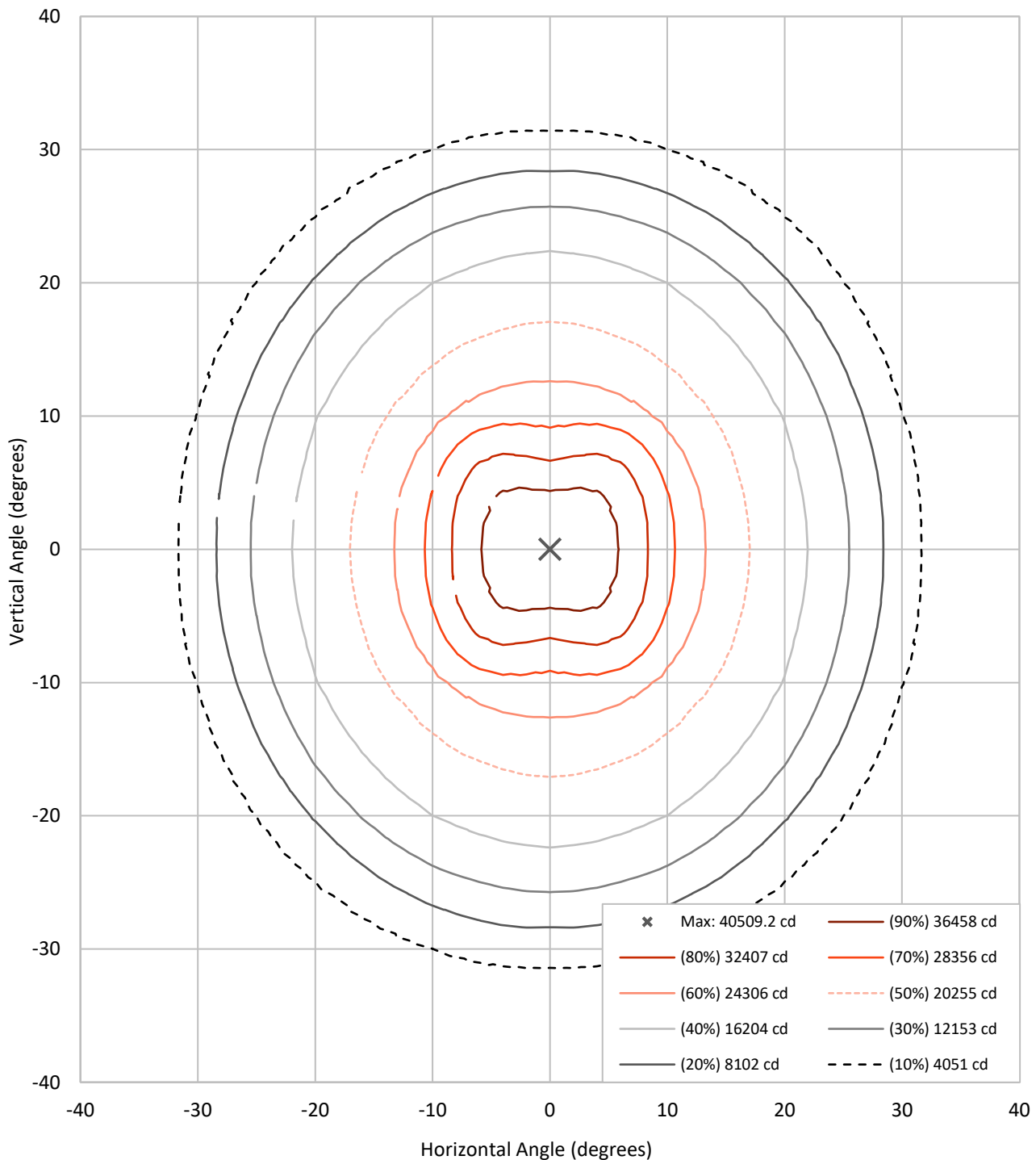
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17920.2 lumens	Max Intensity:	40509.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	7632.8 lumens	Field Lumens:	15600 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 164
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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

Iso-Candela Plot





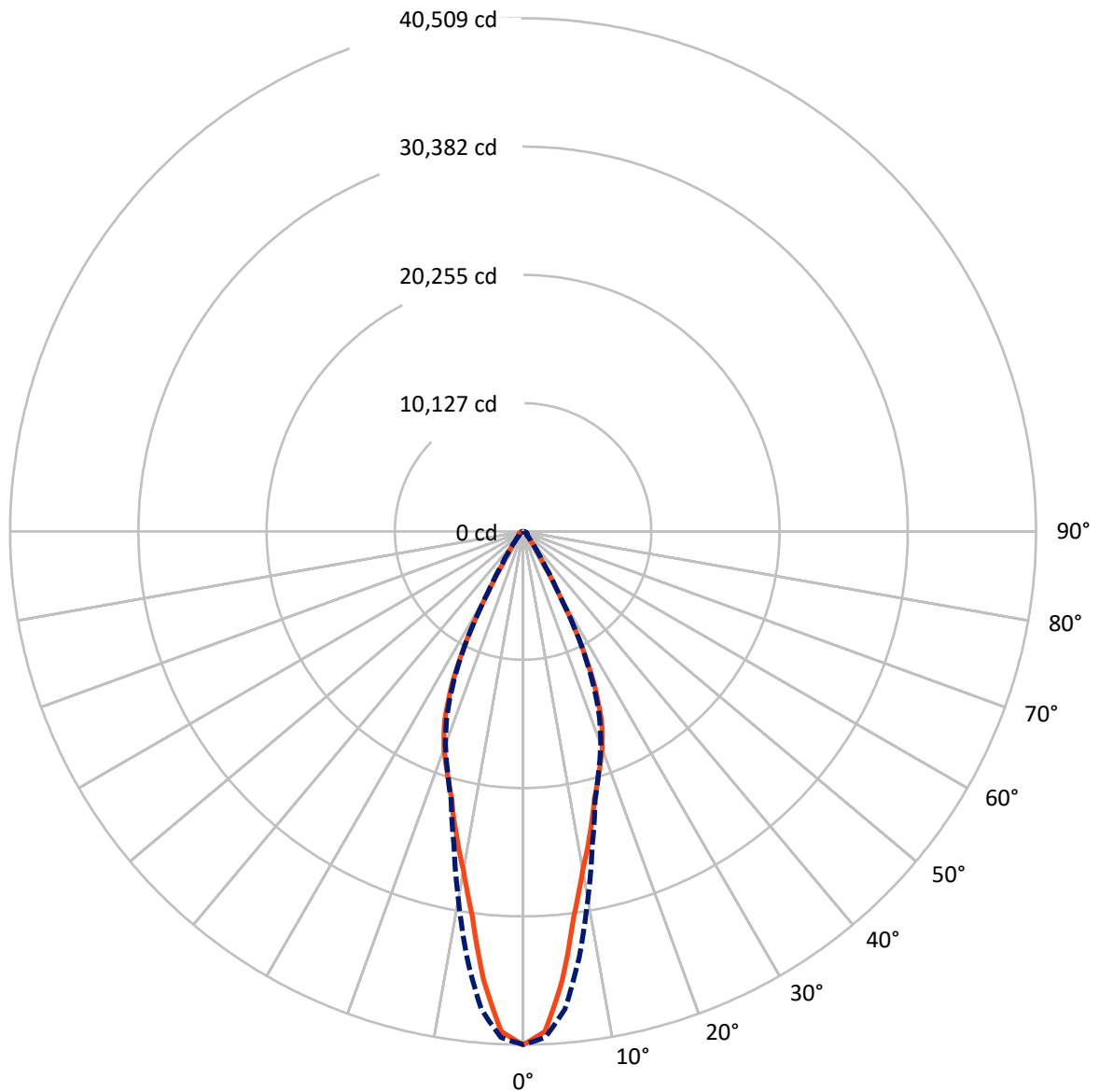
REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

Lumen Table

90																
80	0.2	2.0		5.6		9.2		10.7		9.2		5.6		2.0		0.2
70																
60	0.9	1.0	2.3	3.9	5.8	7.5	8.7	9.5	9.5	8.7	7.5	5.8	3.9	2.3	1.0	0.9
50		1.7	3.7	6.3	8.6	9.8	10.3	10.6	10.6	10.3	9.8	8.6	6.3	3.7	1.7	
40	1.7	2.3	5.1	7.6	8.9	11.0	14.2	16.3	16.3	14.2	11.0	8.9	7.6	5.1	2.3	1.7
30		2.9	5.9	7.7	11.6	22.8	43.4	66.4	66.4	43.4	22.8	11.6	7.7	5.9	2.9	
20	2.3	3.4	6.1	8.6	21.0	69.7	219.3	361.0	361.0	219.3	69.7	21.0	8.6	6.1	3.4	2.3
10		3.8	6.1	10.6	39.2	206.7	488.4	646.9	646.9	488.4	206.7	39.2	10.6	6.1	3.8	
0	2.5	3.9	6.1	12.2	59.5	325.6	635.2	1002.3	1002.3	635.2	325.6	59.5	12.2	6.1	3.9	2.5
-10		3.9	6.1	12.2	59.5	325.6	635.2	1002.3	1002.3	635.2	325.6	59.5	12.2	6.1	3.9	
-20	2.3	3.8	6.1	10.6	39.2	206.7	488.4	646.9	646.9	488.4	206.7	39.2	10.6	6.1	3.8	2.3
-30		3.4	6.1	8.6	21.0	69.7	219.3	361.0	361.0	219.3	69.7	21.0	8.6	6.1	3.4	
-40	1.7	2.9	5.9	7.7	11.6	22.8	43.4	66.4	66.4	43.4	22.8	11.6	7.7	5.9	2.9	1.7
-50		2.3	5.1	7.6	8.9	11.0	14.2	16.3	16.3	14.2	11.0	8.9	7.6	5.1	2.3	
-60	0.9	1.7	3.7	6.3	8.6	9.8	10.3	10.6	10.6	10.3	9.8	8.6	6.3	3.7	1.7	0.9
-70		1.0	2.3	3.9	5.8	7.5	8.7	9.5	9.5	8.7	7.5	5.8	3.9	2.3	1.0	
-80																
-90	0.2	2.0		5.6		9.2		10.7		9.2		5.6		2.0		0.2

REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

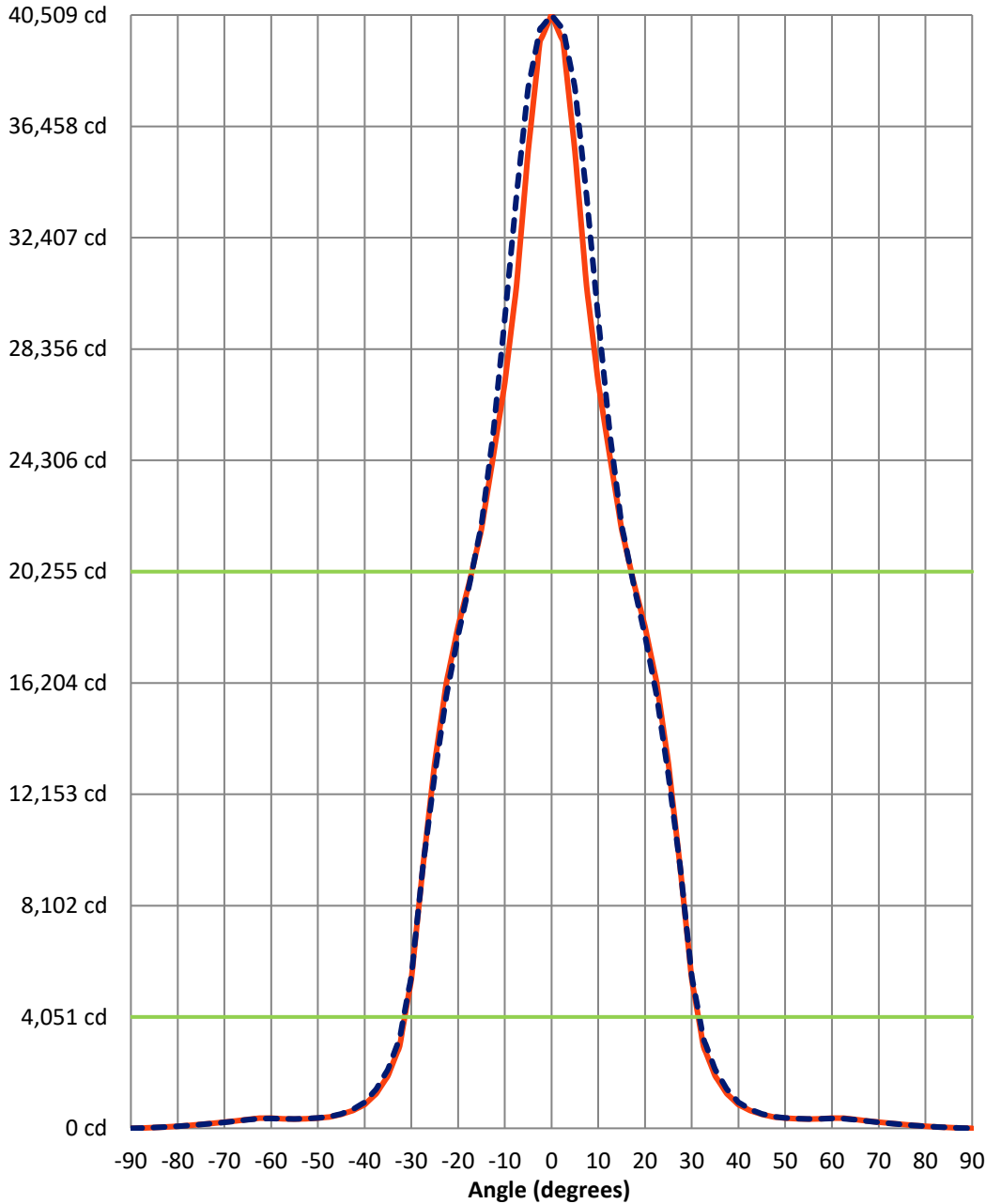
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 7632.8
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 15600
 Efficiency: 87.1%

Spill:
 Lumens: 2320.2
 Efficiency: 12.9%

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



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	3.9	4.4
85°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
82.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.9	14.9
80°	0.0	1.8	3.6	5.4	7.1	8.9	10.9	14.0	16.9	19.6	22.1
77.5°	0.0	2.2	4.5	6.7	8.9	11.7	15.7	19.4	23.0	26.2	29.6
75°	0.0	2.7	5.3	8.0	10.8	15.5	20.4	24.9	29.1	33.5	38.1
72.5°	0.0	3.1	6.2	9.3	13.8	19.4	25.1	30.3	35.6	41.0	46.5
70°	0.0	3.5	7.0	10.7	16.8	23.1	29.7	35.9	42.0	48.3	56.5
67.5°	0.0	3.9	7.9	12.8	19.7	26.8	34.3	41.3	48.3	57.6	66.8
65°	0.0	4.4	8.7	14.9	22.5	30.6	38.9	46.6	56.5	66.8	77.7
62.5°	0.0	4.8	9.5	17.0	25.3	34.5	43.4	53.1	64.5	76.2	90.2
60°	0.0	5.1	10.3	19.0	28.0	38.3	47.9	59.9	72.3	87.3	102.6
57.5°	0.0	5.5	11.6	20.9	31.1	42.1	53.6	66.7	81.6	98.2	115.2
55°	0.0	5.9	12.9	22.8	34.1	45.9	59.2	73.3	91.0	108.9	127.7
52.5°	0.0	6.3	14.1	24.6	37.1	49.7	64.8	81.1	100.2	119.6	139.7
50°	0.0	6.6	15.3	26.3	40.0	54.1	70.1	88.8	109.1	129.9	152.4
47.5°	0.0	7.0	16.5	28.1	42.8	58.4	75.4	96.2	117.7	139.7	164.8
45°	0.0	7.3	17.6	30.2	45.6	62.6	81.4	103.2	126.0	150.6	177.0
42.5°	0.0	7.6	18.7	32.2	48.2	66.6	87.1	110.1	134.0	161.2	189.5
40°	0.0	7.9	19.8	34.1	51.0	70.4	92.5	116.8	142.2	171.5	201.6
37.5°	0.0	8.2	20.8	36.0	53.9	74.0	97.5	123.2	150.8	181.4	213.1
35°	0.0	8.4	21.7	37.7	56.7	77.8	102.3	129.3	159.0	191.1	224.3
32.5°	0.0	8.7	22.6	39.3	59.2	81.5	106.8	135.1	166.6	200.2	234.9
30°	0.0	8.9	23.5	40.7	61.7	84.9	111.4	140.7	173.7	208.7	244.8
27.5°	0.0	9.1	24.3	42.0	63.7	88.1	115.7	146.4	180.4	216.6	254.1
25°	0.0	9.3	25.1	43.2	65.6	90.9	119.6	151.7	186.8	224.1	262.6
22.5°	0.0	9.5	25.8	44.3	67.3	93.5	123.2	156.4	192.7	231.0	271.2
20°	0.0	9.7	26.4	45.2	68.8	95.6	126.5	160.7	197.9	237.2	278.8
17.5°	0.0	9.8	27.0	46.0	70.1	97.5	129.4	164.4	202.6	242.7	285.5
15°	0.0	9.9	27.5	46.7	71.2	99.2	131.9	167.7	206.6	247.5	291.3
12.5°	0.0	10.1	28.0	47.2	72.2	100.5	134.1	170.5	209.9	251.6	296.1
10°	0.0	10.1	28.3	47.6	72.9	101.6	135.9	172.9	212.6	255.2	300.4
7.5°	0.0	10.2	28.7	47.9	73.5	102.4	137.3	174.7	214.5	258.3	304.8
5°	0.0	10.3	28.9	48.1	73.8	102.9	138.4	176.0	215.8	260.6	308.4
2.5°	0.0	10.3	29.1	48.2	74.0	103.1	139.0	176.7	216.5	262.1	311.0
0°	0.0	10.3	29.2	48.1	73.9	103.1	139.2	177.0	216.5	262.9	312.7
-2.5°	0.0	10.3	29.1	48.2	74.0	103.1	139.0	176.7	216.5	262.1	311.0
-5°	0.0	10.3	28.9	48.1	73.8	102.9	138.4	176.0	215.8	260.6	308.4
-7.5°	0.0	10.2	28.7	47.9	73.5	102.4	137.3	174.7	214.5	258.3	304.8
-10°	0.0	10.1	28.3	47.6	72.9	101.6	135.9	172.9	212.6	255.2	300.4
-12.5°	0.0	10.1	28.0	47.2	72.2	100.5	134.1	170.5	209.9	251.6	296.1
-15°	0.0	9.9	27.5	46.7	71.2	99.2	131.9	167.7	206.6	247.5	291.3
-17.5°	0.0	9.8	27.0	46.0	70.1	97.5	129.4	164.4	202.6	242.7	285.5
-20°	0.0	9.7	26.4	45.2	68.8	95.6	126.5	160.7	197.9	237.2	278.8



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.5	25.8	44.3	67.3	93.5	123.2	156.4	192.7	231.0	271.2
-25°	0.0	9.3	25.1	43.2	65.6	90.9	119.6	151.7	186.8	224.1	262.6
-27.5°	0.0	9.1	24.3	42.0	63.7	88.1	115.7	146.4	180.4	216.6	254.1
-30°	0.0	8.9	23.5	40.7	61.7	84.9	111.4	140.7	173.7	208.7	244.8
-32.5°	0.0	8.7	22.6	39.3	59.2	81.5	106.8	135.1	166.6	200.2	234.9
-35°	0.0	8.4	21.7	37.7	56.7	77.8	102.3	129.3	159.0	191.1	224.3
-37.5°	0.0	8.2	20.8	36.0	53.9	74.0	97.5	123.2	150.8	181.4	213.1
-40°	0.0	7.9	19.8	34.1	51.0	70.4	92.5	116.8	142.2	171.5	201.6
-42.5°	0.0	7.6	18.7	32.2	48.2	66.6	87.1	110.1	134.0	161.2	189.5
-45°	0.0	7.3	17.6	30.2	45.6	62.6	81.4	103.2	126.0	150.6	177.0
-47.5°	0.0	7.0	16.5	28.1	42.8	58.4	75.4	96.2	117.7	139.7	164.8
-50°	0.0	6.6	15.3	26.3	40.0	54.1	70.1	88.8	109.1	129.9	152.4
-52.5°	0.0	6.3	14.1	24.6	37.1	49.7	64.8	81.1	100.2	119.6	139.7
-55°	0.0	5.9	12.9	22.8	34.1	45.9	59.2	73.3	91.0	108.9	127.7
-57.5°	0.0	5.5	11.6	20.9	31.1	42.1	53.6	66.7	81.6	98.2	115.2
-60°	0.0	5.1	10.3	19.0	28.0	38.3	47.9	59.9	72.3	87.3	102.6
-62.5°	0.0	4.8	9.5	17.0	25.3	34.5	43.4	53.1	64.5	76.2	90.2
-65°	0.0	4.4	8.7	14.9	22.5	30.6	38.9	46.6	56.5	66.8	77.7
-67.5°	0.0	3.9	7.9	12.8	19.7	26.8	34.3	41.3	48.3	57.6	66.8
-70°	0.0	3.5	7.0	10.7	16.8	23.1	29.7	35.9	42.0	48.3	56.5
-72.5°	0.0	3.1	6.2	9.3	13.8	19.4	25.1	30.3	35.6	41.0	46.5
-75°	0.0	2.7	5.3	8.0	10.8	15.5	20.4	24.9	29.1	33.5	38.1
-77.5°	0.0	2.2	4.5	6.7	8.9	11.7	15.7	19.4	23.0	26.2	29.6
-80°	0.0	1.8	3.6	5.4	7.1	8.9	10.9	14.0	16.9	19.6	22.1
-82.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.9	14.9
-85°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	3.9	4.4
-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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.3	7.6	7.9	8.2
85°	9.5	10.3	11.6	12.8	13.9	15.0	15.9	16.7	17.6	18.5	19.4
82.5°	16.9	18.8	20.8	22.6	24.1	25.5	26.8	28.7	30.8	32.9	34.9
80°	24.7	27.4	30.6	33.9	36.8	39.7	42.6	45.5	48.4	51.4	54.5
77.5°	33.7	37.9	42.1	46.4	50.6	55.4	60.2	65.0	69.2	73.1	76.6
75°	43.1	48.3	54.5	61.0	67.2	73.2	79.3	86.0	91.8	97.1	102.1
72.5°	53.4	60.9	68.5	76.1	84.7	92.9	100.9	108.5	115.6	122.2	128.8
70°	64.8	73.5	83.6	93.9	103.8	113.3	122.4	131.1	139.2	147.9	157.1
67.5°	76.5	88.4	100.1	111.8	123.4	134.0	144.1	155.3	166.3	177.2	187.6
65°	90.3	103.5	117.0	130.3	143.0	156.0	168.9	181.6	194.6	207.0	218.5
62.5°	104.0	119.4	134.4	149.1	164.1	178.8	194.0	209.0	223.4	238.4	252.7
60°	118.7	135.4	151.8	168.4	185.3	202.9	219.7	237.3	254.9	271.9	288.3
57.5°	133.1	151.2	169.2	188.0	207.7	227.1	247.1	266.7	286.9	306.2	323.1
55°	147.2	166.7	187.0	208.5	230.1	252.4	274.7	297.6	319.3	335.6	350.9
52.5°	161.3	182.3	205.6	228.9	253.0	278.0	303.9	326.0	344.1	358.0	361.4
50°	175.2	199.3	223.8	249.5	276.1	304.3	329.1	349.1	359.3	363.2	361.1
47.5°	189.9	215.7	242.1	269.7	299.5	326.4	349.8	360.0	364.9	359.6	353.1
45°	204.4	232.0	260.0	290.4	320.0	345.5	358.7	366.0	359.4	353.1	348.6
42.5°	218.3	248.0	278.5	309.8	337.5	355.5	363.8	359.6	354.0	349.2	350.8
40°	232.2	263.3	296.7	326.2	351.1	360.2	358.9	353.7	350.5	352.6	359.6
37.5°	245.5	279.4	313.5	342.0	355.4	359.1	353.0	349.7	352.2	360.3	375.8
35°	258.2	294.8	327.3	351.2	360.2	353.9	349.5	348.9	358.1	374.6	397.6
32.5°	271.0	309.5	340.3	355.2	356.7	349.7	346.4	354.2	368.7	390.5	429.2
30°	283.4	320.8	349.8	358.9	352.6	347.2	349.1	360.5	380.2	416.4	478.9
27.5°	294.8	331.1	352.9	357.2	349.1	344.6	353.2	370.3	398.9	447.1	536.5
25°	305.1	340.3	355.6	353.9	346.8	346.3	357.9	379.0	418.5	496.5	618.9
22.5°	313.7	348.9	358.1	350.9	344.4	349.1	365.3	394.6	447.4	543.1	704.9
20°	320.6	351.0	357.6	348.0	342.1	351.4	371.9	409.9	486.3	616.0	801.8
17.5°	326.9	352.8	355.2	346.1	343.5	355.0	378.7	423.5	521.0	678.6	894.8
15°	332.5	354.5	352.9	344.4	345.2	359.8	389.9	449.3	562.5	737.7	978.4
12.5°	337.3	355.9	350.8	343.0	346.5	363.8	399.4	472.7	603.5	801.7	1112.4
10°	341.4	357.0	348.8	341.9	347.3	367.0	407.1	491.2	635.0	856.0	1224.8
7.5°	345.1	358.0	347.1	341.0	347.7	369.4	413.0	504.8	657.4	899.5	1308.9
5°	347.8	358.6	346.2	340.5	349.0	372.0	417.3	513.6	671.1	931.3	1365.3
2.5°	349.6	359.0	345.6	340.3	350.8	375.4	421.0	521.0	683.2	947.0	1405.3
0°	350.5	359.1	345.4	340.2	352.3	378.0	422.7	524.1	689.0	946.8	1429.6
-2.5°	349.6	359.0	345.6	340.3	350.8	375.4	421.0	521.0	683.2	947.0	1405.3
-5°	347.8	358.6	346.2	340.5	349.0	372.0	417.3	513.6	671.1	931.3	1365.3
-7.5°	345.1	358.0	347.1	341.0	347.7	369.4	413.0	504.8	657.4	899.5	1308.9
-10°	341.4	357.0	348.8	341.9	347.3	367.0	407.1	491.2	635.0	856.0	1224.8
-12.5°	337.3	355.9	350.8	343.0	346.5	363.8	399.4	472.7	603.5	801.7	1112.4
-15°	332.5	354.5	352.9	344.4	345.2	359.8	389.9	449.3	562.5	737.7	978.4
-17.5°	326.9	352.8	355.2	346.1	343.5	355.0	378.7	423.5	521.0	678.6	894.8
-20°	320.6	351.0	357.6	348.0	342.1	351.4	371.9	409.9	486.3	616.0	801.8



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	313.7	348.9	358.1	350.9	344.4	349.1	365.3	394.6	447.4	543.1	704.9
-25°	305.1	340.3	355.6	353.9	346.8	346.3	357.9	379.0	418.5	496.5	618.9
-27.5°	294.8	331.1	352.9	357.2	349.1	344.6	353.2	370.3	398.9	447.1	536.5
-30°	283.4	320.8	349.8	358.9	352.6	347.2	349.1	360.5	380.2	416.4	478.9
-32.5°	271.0	309.5	340.3	355.2	356.7	349.7	346.4	354.2	368.7	390.5	429.2
-35°	258.2	294.8	327.3	351.2	360.2	353.9	349.5	348.9	358.1	374.6	397.6
-37.5°	245.5	279.4	313.5	342.0	355.4	359.1	353.0	349.7	352.2	360.3	375.8
-40°	232.2	263.3	296.7	326.2	351.1	360.2	358.9	353.7	350.5	352.6	359.6
-42.5°	218.3	248.0	278.5	309.8	337.5	355.5	363.8	359.6	354.0	349.2	350.8
-45°	204.4	232.0	260.0	290.4	320.0	345.5	358.7	366.0	359.4	353.1	348.6
-47.5°	189.9	215.7	242.1	269.7	299.5	326.4	349.8	360.0	364.9	359.6	353.1
-50°	175.2	199.3	223.8	249.5	276.1	304.3	329.1	349.1	359.3	363.2	361.1
-52.5°	161.3	182.3	205.6	228.9	253.0	278.0	303.9	326.0	344.1	358.0	361.4
-55°	147.2	166.7	187.0	208.5	230.1	252.4	274.7	297.6	319.3	335.6	350.9
-57.5°	133.1	151.2	169.2	188.0	207.7	227.1	247.1	266.7	286.9	306.2	323.1
-60°	118.7	135.4	151.8	168.4	185.3	202.9	219.7	237.3	254.9	271.9	288.3
-62.5°	104.0	119.4	134.4	149.1	164.1	178.8	194.0	209.0	223.4	238.4	252.7
-65°	90.3	103.5	117.0	130.3	143.0	156.0	168.9	181.6	194.6	207.0	218.5
-67.5°	76.5	88.4	100.1	111.8	123.4	134.0	144.1	155.3	166.3	177.2	187.6
-70°	64.8	73.5	83.6	93.9	103.8	113.3	122.4	131.1	139.2	147.9	157.1
-72.5°	53.4	60.9	68.5	76.1	84.7	92.9	100.9	108.5	115.6	122.2	128.8
-75°	43.1	48.3	54.5	61.0	67.2	73.2	79.3	86.0	91.8	97.1	102.1
-77.5°	33.7	37.9	42.1	46.4	50.6	55.4	60.2	65.0	69.2	73.1	76.6
-80°	24.7	27.4	30.6	33.9	36.8	39.7	42.6	45.5	48.4	51.4	54.5
-82.5°	16.9	18.8	20.8	22.6	24.1	25.5	26.8	28.7	30.8	32.9	34.9
-85°	9.5	10.3	11.6	12.8	13.9	15.0	15.9	16.7	17.6	18.5	19.4
-87.5°	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.3	7.6	7.9	8.2
-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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	8.4	8.3	8.2	8.0	7.8	7.9	8.1	8.2	8.3	8.8	9.3
85°	20.2	21.1	22.0	23.0	23.9	24.6	25.2	25.7	26.2	26.6	27.0
82.5°	36.7	38.7	40.4	42.0	43.5	44.7	45.7	46.7	47.5	48.2	48.8
80°	57.3	59.8	62.1	64.1	65.9	67.4	68.7	69.8	70.6	72.3	74.0
77.5°	80.2	83.8	87.1	90.1	92.9	95.5	98.1	100.3	102.4	103.9	105.0
75°	106.8	111.3	115.8	120.0	123.8	127.7	131.5	135.0	138.1	140.2	141.7
72.5°	135.3	141.4	146.9	152.2	156.9	161.7	166.4	170.7	174.5	177.4	179.7
70°	165.9	173.7	180.2	186.2	192.1	198.1	203.9	209.0	213.4	217.0	219.9
67.5°	197.5	206.5	214.6	222.5	230.4	237.8	244.8	251.4	257.4	262.0	265.1
65°	229.8	241.5	252.1	261.8	270.6	278.9	287.7	295.8	303.2	309.2	313.9
62.5°	266.4	279.6	291.6	302.5	312.2	320.0	328.4	336.0	342.9	349.2	355.5
60°	303.8	318.5	329.1	338.3	346.7	354.2	357.1	359.9	362.2	364.3	366.8
57.5°	336.4	349.0	358.1	360.2	362.1	363.7	362.7	359.7	356.7	353.6	351.2
55°	359.2	362.7	366.8	363.6	358.6	353.9	349.8	346.9	344.2	341.8	339.7
52.5°	365.2	361.8	357.5	352.9	349.4	345.8	342.1	342.8	343.9	344.7	345.2
50°	356.4	352.3	350.0	347.4	347.8	349.6	351.1	354.5	358.7	361.7	364.2
47.5°	349.5	346.8	350.2	354.6	358.7	366.0	372.6	379.0	389.0	396.9	403.2
45°	347.6	354.1	360.8	371.5	380.9	397.1	412.4	425.2	448.9	470.7	487.7
42.5°	357.4	368.6	380.8	401.6	424.0	452.8	489.6	520.8	557.4	591.4	616.1
40°	373.6	390.1	417.7	451.0	503.4	549.9	611.0	663.3	712.4	764.5	803.6
37.5°	396.9	427.7	479.2	539.2	618.6	694.9	779.2	860.9	930.6	1036.1	1118.7
35°	431.6	493.9	566.9	667.2	770.9	887.9	1011.0	1169.7	1309.5	1473.5	1627.7
32.5°	494.7	579.0	693.5	829.2	967.1	1168.7	1359.0	1616.9	1848.7	2137.9	2449.0
30°	568.5	694.4	848.3	1025.4	1275.0	1552.5	1865.3	2260.9	2731.0	3290.7	4041.8
27.5°	670.3	831.9	1025.4	1312.6	1666.7	2038.5	2593.3	3258.2	4470.1	5526.2	6925.7
25°	779.9	977.2	1283.4	1669.2	2135.1	2804.8	3889.4	5273.1	7233.0	9107.0	10605.1
22.5°	906.2	1194.5	1580.9	2061.1	2815.3	4111.9	5795.8	8232.6	10418.0	12308.1	13763.8
20°	1046.1	1407.7	1927.0	2660.8	3945.1	5844.1	8547.4	11048.2	13280.3	14907.5	16193.5
17.5°	1227.2	1699.7	2358.6	3371.2	5342.3	8268.4	11055.4	13527.2	15469.4	16898.9	18039.1
15°	1396.4	1968.4	2822.3	4550.0	7240.4	10367.8	13224.5	15429.5	17110.2	18440.4	19465.6
12.5°	1596.0	2270.3	3364.4	5568.4	8985.7	12099.8	14764.6	16823.5	18442.0	19689.0	21062.9
10°	1773.8	2595.0	4141.2	6925.6	10419.1	13461.0	16048.8	17899.1	19522.1	21147.0	23207.2
7.5°	1920.6	2867.6	4778.2	8070.7	11519.5	14467.9	16825.4	18674.2	20462.9	22633.1	25604.6
5°	2037.2	3073.1	5302.2	8935.1	12319.5	15186.6	17418.5	19292.6	21312.9	24216.1	28203.7
2.5°	2115.2	3207.8	5629.8	9457.4	12824.2	15598.7	17858.1	19697.0	21815.3	25102.4	29268.4
0°	2146.2	3269.9	5546.7	9552.1	12854.7	15732.9	17923.7	19848.2	21958.3	25250.6	29463.9
-2.5°	2115.2	3207.8	5629.8	9457.4	12824.2	15598.7	17858.1	19697.0	21815.3	25102.4	29268.4
-5°	2037.2	3073.1	5302.2	8935.1	12319.5	15186.6	17418.5	19292.6	21312.9	24216.1	28203.7
-7.5°	1920.6	2867.6	4778.2	8070.7	11519.5	14467.9	16825.4	18674.2	20462.9	22633.1	25604.6
-10°	1773.8	2595.0	4141.2	6925.6	10419.1	13461.0	16048.8	17899.1	19522.1	21147.0	23207.2
-12.5°	1596.0	2270.3	3364.4	5568.4	8985.7	12099.8	14764.6	16823.5	18442.0	19689.0	21062.9
-15°	1396.4	1968.4	2822.3	4550.0	7240.4	10367.8	13224.5	15429.5	17110.2	18440.4	19465.6
-17.5°	1227.2	1699.7	2358.6	3371.2	5342.3	8268.4	11055.4	13527.2	15469.4	16898.9	18039.1
-20°	1046.1	1407.7	1927.0	2660.8	3945.1	5844.1	8547.4	11048.2	13280.3	14907.5	16193.5



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	906.2	1194.5	1580.9	2061.1	2815.3	4111.9	5795.8	8232.6	10418.0	12308.1	13763.8
-25°	779.9	977.2	1283.4	1669.2	2135.1	2804.8	3889.4	5273.1	7233.0	9107.0	10605.1
-27.5°	670.3	831.9	1025.4	1312.6	1666.7	2038.5	2593.3	3258.2	4470.1	5526.2	6925.7
-30°	568.5	694.4	848.3	1025.4	1275.0	1552.5	1865.3	2260.9	2731.0	3290.7	4041.8
-32.5°	494.7	579.0	693.5	829.2	967.1	1168.7	1359.0	1616.9	1848.7	2137.9	2449.0
-35°	431.6	493.9	566.9	667.2	770.9	887.9	1011.0	1169.7	1309.5	1473.5	1627.7
-37.5°	396.9	427.7	479.2	539.2	618.6	694.9	779.2	860.9	930.6	1036.1	1118.7
-40°	373.6	390.1	417.7	451.0	503.4	549.9	611.0	663.3	712.4	764.5	803.6
-42.5°	357.4	368.6	380.8	401.6	424.0	452.8	489.6	520.8	557.4	591.4	616.1
-45°	347.6	354.1	360.8	371.5	380.9	397.1	412.4	425.2	448.9	470.7	487.7
-47.5°	349.5	346.8	350.2	354.6	358.7	366.0	372.6	379.0	389.0	396.9	403.2
-50°	356.4	352.3	350.0	347.4	347.8	349.6	351.1	354.5	358.7	361.7	364.2
-52.5°	365.2	361.8	357.5	352.9	349.4	345.8	342.1	342.8	343.9	344.7	345.2
-55°	359.2	362.7	366.8	363.6	358.6	353.9	349.8	346.9	344.2	341.8	339.7
-57.5°	336.4	349.0	358.1	360.2	362.1	363.7	362.7	359.7	356.7	353.6	351.2
-60°	303.8	318.5	329.1	338.3	346.7	354.2	357.1	359.9	362.2	364.3	366.8
-62.5°	266.4	279.6	291.6	302.5	312.2	320.0	328.4	336.0	342.9	349.2	355.5
-65°	229.8	241.5	252.1	261.8	270.6	278.9	287.7	295.8	303.2	309.2	313.9
-67.5°	197.5	206.5	214.6	222.5	230.4	237.8	244.8	251.4	257.4	262.0	265.1
-70°	165.9	173.7	180.2	186.2	192.1	198.1	203.9	209.0	213.4	217.0	219.9
-72.5°	135.3	141.4	146.9	152.2	156.9	161.7	166.4	170.7	174.5	177.4	179.7
-75°	106.8	111.3	115.8	120.0	123.8	127.7	131.5	135.0	138.1	140.2	141.7
-77.5°	80.2	83.8	87.1	90.1	92.9	95.5	98.1	100.3	102.4	103.9	105.0
-80°	57.3	59.8	62.1	64.1	65.9	67.4	68.7	69.8	70.6	72.3	74.0
-82.5°	36.7	38.7	40.4	42.0	43.5	44.7	45.7	46.7	47.5	48.2	48.8
-85°	20.2	21.1	22.0	23.0	23.9	24.6	25.2	25.7	26.2	26.6	27.0
-87.5°	8.4	8.3	8.2	8.0	7.8	7.9	8.1	8.2	8.3	8.8	9.3
-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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	9.8	10.3	10.3	10.3	10.3	10.3	9.8	9.3	8.8	8.3	8.2
85°	27.2	27.4	28.3	29.2	28.3	27.4	27.2	27.0	26.6	26.2	25.7
82.5°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.8	48.2	47.5	46.7
80°	75.5	76.9	76.4	75.6	76.4	76.9	75.5	74.0	72.3	70.6	69.8
77.5°	105.7	106.0	105.5	104.8	105.5	106.0	105.7	105.0	103.9	102.4	100.3
75°	142.8	143.4	144.1	144.3	144.1	143.4	142.8	141.7	140.2	138.1	135.0
72.5°	181.5	182.8	182.8	182.1	182.8	182.8	181.5	179.7	177.4	174.5	170.7
70°	222.2	223.8	224.8	225.1	224.8	223.8	222.2	219.9	217.0	213.4	209.0
67.5°	267.1	268.3	269.4	269.8	269.4	268.3	267.1	265.1	262.0	257.4	251.4
65°	317.7	320.8	321.7	321.3	321.7	320.8	317.7	313.9	309.2	303.2	295.8
62.5°	361.4	366.7	368.9	369.4	368.9	366.7	361.4	355.5	349.2	342.9	336.0
60°	368.9	370.7	371.2	371.2	371.2	370.7	368.9	366.8	364.3	362.2	359.9
57.5°	348.9	347.0	345.8	345.4	345.8	347.0	348.9	351.2	353.6	356.7	359.7
55°	337.8	336.1	335.3	335.1	335.3	336.1	337.8	339.7	341.8	344.2	346.9
52.5°	345.4	345.2	345.8	347.1	345.8	345.2	345.4	345.2	344.7	343.9	342.8
50°	366.4	367.9	369.6	371.2	369.6	367.9	366.4	364.2	361.7	358.7	354.5
47.5°	407.8	410.1	411.6	412.4	411.6	410.1	407.8	403.2	396.9	389.0	379.0
45°	498.9	504.8	507.7	508.6	507.7	504.8	498.9	487.7	470.7	448.9	425.2
42.5°	632.5	641.5	645.3	646.1	645.3	641.5	632.5	616.1	591.4	557.4	520.8
40°	831.7	847.7	855.4	860.9	855.4	847.7	831.7	803.6	764.5	712.4	663.3
37.5°	1180.5	1220.6	1243.3	1263.0	1243.3	1220.6	1180.5	1118.7	1036.1	930.6	860.9
35°	1753.0	1844.9	1899.0	1910.8	1899.0	1844.9	1753.0	1627.7	1473.5	1309.5	1169.7
32.5°	2688.5	2868.6	2976.4	2989.9	2976.4	2868.6	2688.5	2449.0	2137.9	1848.7	1616.9
30°	4624.8	5129.7	5475.8	5428.1	5475.8	5129.7	4624.8	4041.8	3290.7	2731.0	2260.9
27.5°	8072.3	8987.9	9582.6	9533.2	9582.6	8987.9	8072.3	6925.7	5526.2	4470.1	3258.2
25°	11756.9	12599.7	13097.1	13280.8	13097.1	12599.7	11756.9	10605.1	9107.0	7233.0	5273.1
22.5°	14765.7	15519.2	15949.5	16207.1	15949.5	15519.2	14765.7	13763.8	12308.1	10418.0	8232.6
20°	17071.1	17724.6	18094.7	18253.6	18094.7	17724.6	17071.1	16193.5	14907.5	13280.3	11048.2
17.5°	18844.7	19391.7	19810.8	19918.7	19810.8	19391.7	18844.7	18039.1	16898.9	15469.4	13527.2
15°	20413.5	21120.0	21614.2	21798.5	21614.2	21120.0	20413.5	19465.6	18440.4	17110.2	15429.5
12.5°	22391.7	23620.3	24273.5	24424.1	24273.5	23620.3	22391.7	21062.9	19689.0	18442.0	16823.5
10°	25315.6	27204.2	27418.2	27125.3	27418.2	27204.2	25315.6	23207.2	21147.0	19522.1	17899.1
7.5°	29574.1	32092.3	31547.8	30641.0	31547.8	32092.3	29574.1	25604.6	22633.1	20462.9	18674.2
5°	32621.5	36117.7	36226.3	35560.5	36226.3	36117.7	32621.5	28203.7	24216.1	21312.9	19292.6
2.5°	33834.7	37433.8	39225.0	39518.6	39225.0	37433.8	33834.7	29268.4	25102.4	21815.3	19697.0
0°	33925.5	37857.8	39981.6	40509.2	39981.6	37857.8	33925.5	29463.9	25250.6	21958.3	19848.2
-2.5°	33834.7	37433.8	39225.0	39518.6	39225.0	37433.8	33834.7	29268.4	25102.4	21815.3	19697.0
-5°	32621.5	36117.7	36226.3	35560.5	36226.3	36117.7	32621.5	28203.7	24216.1	21312.9	19292.6
-7.5°	29574.1	32092.3	31547.8	30641.0	31547.8	32092.3	29574.1	25604.6	22633.1	20462.9	18674.2
-10°	25315.6	27204.2	27418.2	27125.3	27418.2	27204.2	25315.6	23207.2	21147.0	19522.1	17899.1
-12.5°	22391.7	23620.3	24273.5	24424.1	24273.5	23620.3	22391.7	21062.9	19689.0	18442.0	16823.5
-15°	20413.5	21120.0	21614.2	21798.5	21614.2	21120.0	20413.5	19465.6	18440.4	17110.2	15429.5
-17.5°	18844.7	19391.7	19810.8	19918.7	19810.8	19391.7	18844.7	18039.1	16898.9	15469.4	13527.2
-20°	17071.1	17724.6	18094.7	18253.6	18094.7	17724.6	17071.1	16193.5	14907.5	13280.3	11048.2



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14765.7	15519.2	15949.5	16207.1	15949.5	15519.2	14765.7	13763.8	12308.1	10418.0	8232.6
-25°	11756.9	12599.7	13097.1	13280.8	13097.1	12599.7	11756.9	10605.1	9107.0	7233.0	5273.1
-27.5°	8072.3	8987.9	9582.6	9533.2	9582.6	8987.9	8072.3	6925.7	5526.2	4470.1	3258.2
-30°	4624.8	5129.7	5475.8	5428.1	5475.8	5129.7	4624.8	4041.8	3290.7	2731.0	2260.9
-32.5°	2688.5	2868.6	2976.4	2989.9	2976.4	2868.6	2688.5	2449.0	2137.9	1848.7	1616.9
-35°	1753.0	1844.9	1899.0	1910.8	1899.0	1844.9	1753.0	1627.7	1473.5	1309.5	1169.7
-37.5°	1180.5	1220.6	1243.3	1263.0	1243.3	1220.6	1180.5	1118.7	1036.1	930.6	860.9
-40°	831.7	847.7	855.4	860.9	855.4	847.7	831.7	803.6	764.5	712.4	663.3
-42.5°	632.5	641.5	645.3	646.1	645.3	641.5	632.5	616.1	591.4	557.4	520.8
-45°	498.9	504.8	507.7	508.6	507.7	504.8	498.9	487.7	470.7	448.9	425.2
-47.5°	407.8	410.1	411.6	412.4	411.6	410.1	407.8	403.2	396.9	389.0	379.0
-50°	366.4	367.9	369.6	371.2	369.6	367.9	366.4	364.2	361.7	358.7	354.5
-52.5°	345.4	345.2	345.8	347.1	345.8	345.2	345.4	345.2	344.7	343.9	342.8
-55°	337.8	336.1	335.3	335.1	335.3	336.1	337.8	339.7	341.8	344.2	346.9
-57.5°	348.9	347.0	345.8	345.4	345.8	347.0	348.9	351.2	353.6	356.7	359.7
-60°	368.9	370.7	371.2	371.2	371.2	370.7	368.9	366.8	364.3	362.2	359.9
-62.5°	361.4	366.7	368.9	369.4	368.9	366.7	361.4	355.5	349.2	342.9	336.0
-65°	317.7	320.8	321.7	321.3	321.7	320.8	317.7	313.9	309.2	303.2	295.8
-67.5°	267.1	268.3	269.4	269.8	269.4	268.3	267.1	265.1	262.0	257.4	251.4
-70°	222.2	223.8	224.8	225.1	224.8	223.8	222.2	219.9	217.0	213.4	209.0
-72.5°	181.5	182.8	182.8	182.1	182.8	182.8	181.5	179.7	177.4	174.5	170.7
-75°	142.8	143.4	144.1	144.3	144.1	143.4	142.8	141.7	140.2	138.1	135.0
-77.5°	105.7	106.0	105.5	104.8	105.5	106.0	105.7	105.0	103.9	102.4	100.3
-80°	75.5	76.9	76.4	75.6	76.4	76.9	75.5	74.0	72.3	70.6	69.8
-82.5°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.8	48.2	47.5	46.7
-85°	27.2	27.4	28.3	29.2	28.3	27.4	27.2	27.0	26.6	26.2	25.7
-87.5°	9.8	10.3	10.3	10.3	10.3	10.3	9.8	9.3	8.8	8.3	8.2
-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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	8.1	7.9	7.8	8.0	8.2	8.3	8.4	8.2	7.9	7.6	7.3
85°	25.2	24.6	23.9	23.0	22.0	21.1	20.2	19.4	18.5	17.6	16.7
82.5°	45.7	44.7	43.5	42.0	40.4	38.7	36.7	34.9	32.9	30.8	28.7
80°	68.7	67.4	65.9	64.1	62.1	59.8	57.3	54.5	51.4	48.4	45.5
77.5°	98.1	95.5	92.9	90.1	87.1	83.8	80.2	76.6	73.1	69.2	65.0
75°	131.5	127.7	123.8	120.0	115.8	111.3	106.8	102.1	97.1	91.8	86.0
72.5°	166.4	161.7	156.9	152.2	146.9	141.4	135.3	128.8	122.2	115.6	108.5
70°	203.9	198.1	192.1	186.2	180.2	173.7	165.9	157.1	147.9	139.2	131.1
67.5°	244.8	237.8	230.4	222.5	214.6	206.5	197.5	187.6	177.2	166.3	155.3
65°	287.7	278.9	270.6	261.8	252.1	241.5	229.8	218.5	207.0	194.6	181.6
62.5°	328.4	320.0	312.2	302.5	291.6	279.6	266.4	252.7	238.4	223.4	209.0
60°	357.1	354.2	346.7	338.3	329.1	318.5	303.8	288.3	271.9	254.9	237.3
57.5°	362.7	363.7	362.1	360.2	358.1	349.0	336.4	323.1	306.2	286.9	266.7
55°	349.8	353.9	358.6	363.6	366.8	362.7	359.2	350.9	335.6	319.3	297.6
52.5°	342.1	345.8	349.4	352.9	357.5	361.8	365.2	361.4	358.0	344.1	326.0
50°	351.1	349.6	347.8	347.4	350.0	352.3	356.4	361.1	363.2	359.3	349.1
47.5°	372.6	366.0	358.7	354.6	350.2	346.8	349.5	353.1	359.6	364.9	360.0
45°	412.4	397.1	380.9	371.5	360.8	354.1	347.6	348.6	353.1	359.4	366.0
42.5°	489.6	452.8	424.0	401.6	380.8	368.6	357.4	350.8	349.2	354.0	359.6
40°	611.0	549.9	503.4	451.0	417.7	390.1	373.6	359.6	352.6	350.5	353.7
37.5°	779.2	694.9	618.6	539.2	479.2	427.7	396.9	375.8	360.3	352.2	349.7
35°	1011.0	887.9	770.9	667.2	566.9	493.9	431.6	397.6	374.6	358.1	348.9
32.5°	1359.0	1168.7	967.1	829.2	693.5	579.0	494.7	429.2	390.5	368.7	354.2
30°	1865.3	1552.5	1275.0	1025.4	848.3	694.4	568.5	478.9	416.4	380.2	360.5
27.5°	2593.3	2038.5	1666.7	1312.6	1025.4	831.9	670.3	536.5	447.1	398.9	370.3
25°	3889.4	2804.8	2135.1	1669.2	1283.4	977.2	779.9	618.9	496.5	418.5	379.0
22.5°	5795.8	4111.9	2815.3	2061.1	1580.9	1194.5	906.2	704.9	543.1	447.4	394.6
20°	8547.4	5844.1	3945.1	2660.8	1927.0	1407.7	1046.1	801.8	616.0	486.3	409.9
17.5°	11055.4	8268.4	5342.3	3371.2	2358.6	1699.7	1227.2	894.8	678.6	521.0	423.5
15°	13224.5	10367.8	7240.4	4550.0	2822.3	1968.4	1396.4	978.4	737.7	562.5	449.3
12.5°	14764.6	12099.8	8985.7	5568.4	3364.4	2270.3	1596.0	1112.4	801.7	603.5	472.7
10°	16048.8	13461.0	10419.1	6925.6	4141.2	2595.0	1773.8	1224.8	856.0	635.0	491.2
7.5°	16825.4	14467.9	11519.5	8070.7	4778.2	2867.6	1920.6	1308.9	899.5	657.4	504.8
5°	17418.5	15186.6	12319.5	8935.1	5302.2	3073.1	2037.2	1365.3	931.3	671.1	513.6
2.5°	17858.1	15598.7	12824.2	9457.4	5629.8	3207.8	2115.2	1405.3	947.0	683.2	521.0
0°	17923.7	15732.9	12854.7	9552.1	5546.7	3269.9	2146.2	1429.6	946.8	689.0	524.1
-2.5°	17858.1	15598.7	12824.2	9457.4	5629.8	3207.8	2115.2	1405.3	947.0	683.2	521.0
-5°	17418.5	15186.6	12319.5	8935.1	5302.2	3073.1	2037.2	1365.3	931.3	671.1	513.6
-7.5°	16825.4	14467.9	11519.5	8070.7	4778.2	2867.6	1920.6	1308.9	899.5	657.4	504.8
-10°	16048.8	13461.0	10419.1	6925.6	4141.2	2595.0	1773.8	1224.8	856.0	635.0	491.2
-12.5°	14764.6	12099.8	8985.7	5568.4	3364.4	2270.3	1596.0	1112.4	801.7	603.5	472.7
-15°	13224.5	10367.8	7240.4	4550.0	2822.3	1968.4	1396.4	978.4	737.7	562.5	449.3
-17.5°	11055.4	8268.4	5342.3	3371.2	2358.6	1699.7	1227.2	894.8	678.6	521.0	423.5
-20°	8547.4	5844.1	3945.1	2660.8	1927.0	1407.7	1046.1	801.8	616.0	486.3	409.9



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5795.8	4111.9	2815.3	2061.1	1580.9	1194.5	906.2	704.9	543.1	447.4	394.6
-25°	3889.4	2804.8	2135.1	1669.2	1283.4	977.2	779.9	618.9	496.5	418.5	379.0
-27.5°	2593.3	2038.5	1666.7	1312.6	1025.4	831.9	670.3	536.5	447.1	398.9	370.3
-30°	1865.3	1552.5	1275.0	1025.4	848.3	694.4	568.5	478.9	416.4	380.2	360.5
-32.5°	1359.0	1168.7	967.1	829.2	693.5	579.0	494.7	429.2	390.5	368.7	354.2
-35°	1011.0	887.9	770.9	667.2	566.9	493.9	431.6	397.6	374.6	358.1	348.9
-37.5°	779.2	694.9	618.6	539.2	479.2	427.7	396.9	375.8	360.3	352.2	349.7
-40°	611.0	549.9	503.4	451.0	417.7	390.1	373.6	359.6	352.6	350.5	353.7
-42.5°	489.6	452.8	424.0	401.6	380.8	368.6	357.4	350.8	349.2	354.0	359.6
-45°	412.4	397.1	380.9	371.5	360.8	354.1	347.6	348.6	353.1	359.4	366.0
-47.5°	372.6	366.0	358.7	354.6	350.2	346.8	349.5	353.1	359.6	364.9	360.0
-50°	351.1	349.6	347.8	347.4	350.0	352.3	356.4	361.1	363.2	359.3	349.1
-52.5°	342.1	345.8	349.4	352.9	357.5	361.8	365.2	361.4	358.0	344.1	326.0
-55°	349.8	353.9	358.6	363.6	366.8	362.7	359.2	350.9	335.6	319.3	297.6
-57.5°	362.7	363.7	362.1	360.2	358.1	349.0	336.4	323.1	306.2	286.9	266.7
-60°	357.1	354.2	346.7	338.3	329.1	318.5	303.8	288.3	271.9	254.9	237.3
-62.5°	328.4	320.0	312.2	302.5	291.6	279.6	266.4	252.7	238.4	223.4	209.0
-65°	287.7	278.9	270.6	261.8	252.1	241.5	229.8	218.5	207.0	194.6	181.6
-67.5°	244.8	237.8	230.4	222.5	214.6	206.5	197.5	187.6	177.2	166.3	155.3
-70°	203.9	198.1	192.1	186.2	180.2	173.7	165.9	157.1	147.9	139.2	131.1
-72.5°	166.4	161.7	156.9	152.2	146.9	141.4	135.3	128.8	122.2	115.6	108.5
-75°	131.5	127.7	123.8	120.0	115.8	111.3	106.8	102.1	97.1	91.8	86.0
-77.5°	98.1	95.5	92.9	90.1	87.1	83.8	80.2	76.6	73.1	69.2	65.0
-80°	68.7	67.4	65.9	64.1	62.1	59.8	57.3	54.5	51.4	48.4	45.5
-82.5°	45.7	44.7	43.5	42.0	40.4	38.7	36.7	34.9	32.9	30.8	28.7
-85°	25.2	24.6	23.9	23.0	22.0	21.1	20.2	19.4	18.5	17.6	16.7
-87.5°	8.1	7.9	7.8	8.0	8.2	8.3	8.4	8.2	7.9	7.6	7.3
-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: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	7.0	6.6	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.1
85°	15.9	15.0	13.9	12.8	11.6	10.3	9.5	8.7	7.9	7.0	6.2
82.5°	26.8	25.5	24.1	22.6	20.8	18.8	16.9	14.9	12.9	10.7	9.3
80°	42.6	39.7	36.8	33.9	30.6	27.4	24.7	22.1	19.6	16.9	14.0
77.5°	60.2	55.4	50.6	46.4	42.1	37.9	33.7	29.6	26.2	23.0	19.4
75°	79.3	73.2	67.2	61.0	54.5	48.3	43.1	38.1	33.5	29.1	24.9
72.5°	100.9	92.9	84.7	76.1	68.5	60.9	53.4	46.5	41.0	35.6	30.3
70°	122.4	113.3	103.8	93.9	83.6	73.5	64.8	56.5	48.3	42.0	35.9
67.5°	144.1	134.0	123.4	111.8	100.1	88.4	76.5	66.8	57.6	48.3	41.3
65°	168.9	156.0	143.0	130.3	117.0	103.5	90.3	77.7	66.8	56.5	46.6
62.5°	194.0	178.8	164.1	149.1	134.4	119.4	104.0	90.2	76.2	64.5	53.1
60°	219.7	202.9	185.3	168.4	151.8	135.4	118.7	102.6	87.3	72.3	59.9
57.5°	247.1	227.1	207.7	188.0	169.2	151.2	133.1	115.2	98.2	81.6	66.7
55°	274.7	252.4	230.1	208.5	187.0	166.7	147.2	127.7	108.9	91.0	73.3
52.5°	303.9	278.0	253.0	228.9	205.6	182.3	161.3	139.7	119.6	100.2	81.1
50°	329.1	304.3	276.1	249.5	223.8	199.3	175.2	152.4	129.9	109.1	88.8
47.5°	349.8	326.4	299.5	269.7	242.1	215.7	189.9	164.8	139.7	117.7	96.2
45°	358.7	345.5	320.0	290.4	260.0	232.0	204.4	177.0	150.6	126.0	103.2
42.5°	363.8	355.5	337.5	309.8	278.5	248.0	218.3	189.5	161.2	134.0	110.1
40°	358.9	360.2	351.1	326.2	296.7	263.3	232.2	201.6	171.5	142.2	116.8
37.5°	353.0	359.1	355.4	342.0	313.5	279.4	245.5	213.1	181.4	150.8	123.2
35°	349.5	353.9	360.2	351.2	327.3	294.8	258.2	224.3	191.1	159.0	129.3
32.5°	346.4	349.7	356.7	355.2	340.3	309.5	271.0	234.9	200.2	166.6	135.1
30°	349.1	347.2	352.6	358.9	349.8	320.8	283.4	244.8	208.7	173.7	140.7
27.5°	353.2	344.6	349.1	357.2	352.9	331.1	294.8	254.1	216.6	180.4	146.4
25°	357.9	346.3	346.8	353.9	355.6	340.3	305.1	262.6	224.1	186.8	151.7
22.5°	365.3	349.1	344.4	350.9	358.1	348.9	313.7	271.2	231.0	192.7	156.4
20°	371.9	351.4	342.1	348.0	357.6	351.0	320.6	278.8	237.2	197.9	160.7
17.5°	378.7	355.0	343.5	346.1	355.2	352.8	326.9	285.5	242.7	202.6	164.4
15°	389.9	359.8	345.2	344.4	352.9	354.5	332.5	291.3	247.5	206.6	167.7
12.5°	399.4	363.8	346.5	343.0	350.8	355.9	337.3	296.1	251.6	209.9	170.5
10°	407.1	367.0	347.3	341.9	348.8	357.0	341.4	300.4	255.2	212.6	172.9
7.5°	413.0	369.4	347.7	341.0	347.1	358.0	345.1	304.8	258.3	214.5	174.7
5°	417.3	372.0	349.0	340.5	346.2	358.6	347.8	308.4	260.6	215.8	176.0
2.5°	421.0	375.4	350.8	340.3	345.6	359.0	349.6	311.0	262.1	216.5	176.7
0°	422.7	378.0	352.3	340.2	345.4	359.1	350.5	312.7	262.9	216.5	177.0
-2.5°	421.0	375.4	350.8	340.3	345.6	359.0	349.6	311.0	262.1	216.5	176.7
-5°	417.3	372.0	349.0	340.5	346.2	358.6	347.8	308.4	260.6	215.8	176.0
-7.5°	413.0	369.4	347.7	341.0	347.1	358.0	345.1	304.8	258.3	214.5	174.7
-10°	407.1	367.0	347.3	341.9	348.8	357.0	341.4	300.4	255.2	212.6	172.9
-12.5°	399.4	363.8	346.5	343.0	350.8	355.9	337.3	296.1	251.6	209.9	170.5
-15°	389.9	359.8	345.2	344.4	352.9	354.5	332.5	291.3	247.5	206.6	167.7
-17.5°	378.7	355.0	343.5	346.1	355.2	352.8	326.9	285.5	242.7	202.6	164.4
-20°	371.9	351.4	342.1	348.0	357.6	351.0	320.6	278.8	237.2	197.9	160.7



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	365.3	349.1	344.4	350.9	358.1	348.9	313.7	271.2	231.0	192.7	156.4
-25°	357.9	346.3	346.8	353.9	355.6	340.3	305.1	262.6	224.1	186.8	151.7
-27.5°	353.2	344.6	349.1	357.2	352.9	331.1	294.8	254.1	216.6	180.4	146.4
-30°	349.1	347.2	352.6	358.9	349.8	320.8	283.4	244.8	208.7	173.7	140.7
-32.5°	346.4	349.7	356.7	355.2	340.3	309.5	271.0	234.9	200.2	166.6	135.1
-35°	349.5	353.9	360.2	351.2	327.3	294.8	258.2	224.3	191.1	159.0	129.3
-37.5°	353.0	359.1	355.4	342.0	313.5	279.4	245.5	213.1	181.4	150.8	123.2
-40°	358.9	360.2	351.1	326.2	296.7	263.3	232.2	201.6	171.5	142.2	116.8
-42.5°	363.8	355.5	337.5	309.8	278.5	248.0	218.3	189.5	161.2	134.0	110.1
-45°	358.7	345.5	320.0	290.4	260.0	232.0	204.4	177.0	150.6	126.0	103.2
-47.5°	349.8	326.4	299.5	269.7	242.1	215.7	189.9	164.8	139.7	117.7	96.2
-50°	329.1	304.3	276.1	249.5	223.8	199.3	175.2	152.4	129.9	109.1	88.8
-52.5°	303.9	278.0	253.0	228.9	205.6	182.3	161.3	139.7	119.6	100.2	81.1
-55°	274.7	252.4	230.1	208.5	187.0	166.7	147.2	127.7	108.9	91.0	73.3
-57.5°	247.1	227.1	207.7	188.0	169.2	151.2	133.1	115.2	98.2	81.6	66.7
-60°	219.7	202.9	185.3	168.4	151.8	135.4	118.7	102.6	87.3	72.3	59.9
-62.5°	194.0	178.8	164.1	149.1	134.4	119.4	104.0	90.2	76.2	64.5	53.1
-65°	168.9	156.0	143.0	130.3	117.0	103.5	90.3	77.7	66.8	56.5	46.6
-67.5°	144.1	134.0	123.4	111.8	100.1	88.4	76.5	66.8	57.6	48.3	41.3
-70°	122.4	113.3	103.8	93.9	83.6	73.5	64.8	56.5	48.3	42.0	35.9
-72.5°	100.9	92.9	84.7	76.1	68.5	60.9	53.4	46.5	41.0	35.6	30.3
-75°	79.3	73.2	67.2	61.0	54.5	48.3	43.1	38.1	33.5	29.1	24.9
-77.5°	60.2	55.4	50.6	46.4	42.1	37.9	33.7	29.6	26.2	23.0	19.4
-80°	42.6	39.7	36.8	33.9	30.6	27.4	24.7	22.1	19.6	16.9	14.0
-82.5°	26.8	25.5	24.1	22.6	20.8	18.8	16.9	14.9	12.9	10.7	9.3
-85°	15.9	15.0	13.9	12.8	11.6	10.3	9.5	8.7	7.9	7.0	6.2
-87.5°	7.0	6.6	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-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°	2.7	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
82.5°	8.0	6.7	5.4	4.0	2.7	1.3	0.0
80°	10.9	8.9	7.1	5.4	3.6	1.8	0.0
77.5°	15.7	11.7	8.9	6.7	4.5	2.2	0.0
75°	20.4	15.5	10.8	8.0	5.3	2.7	0.0
72.5°	25.1	19.4	13.8	9.3	6.2	3.1	0.0
70°	29.7	23.1	16.8	10.7	7.0	3.5	0.0
67.5°	34.3	26.8	19.7	12.8	7.9	3.9	0.0
65°	38.9	30.6	22.5	14.9	8.7	4.4	0.0
62.5°	43.4	34.5	25.3	17.0	9.5	4.8	0.0
60°	47.9	38.3	28.0	19.0	10.3	5.1	0.0
57.5°	53.6	42.1	31.1	20.9	11.6	5.5	0.0
55°	59.2	45.9	34.1	22.8	12.9	5.9	0.0
52.5°	64.8	49.7	37.1	24.6	14.1	6.3	0.0
50°	70.1	54.1	40.0	26.3	15.3	6.6	0.0
47.5°	75.4	58.4	42.8	28.1	16.5	7.0	0.0
45°	81.4	62.6	45.6	30.2	17.6	7.3	0.0
42.5°	87.1	66.6	48.2	32.2	18.7	7.6	0.0
40°	92.5	70.4	51.0	34.1	19.8	7.9	0.0
37.5°	97.5	74.0	53.9	36.0	20.8	8.2	0.0
35°	102.3	77.8	56.7	37.7	21.7	8.4	0.0
32.5°	106.8	81.5	59.2	39.3	22.6	8.7	0.0
30°	111.4	84.9	61.7	40.7	23.5	8.9	0.0
27.5°	115.7	88.1	63.7	42.0	24.3	9.1	0.0
25°	119.6	90.9	65.6	43.2	25.1	9.3	0.0
22.5°	123.2	93.5	67.3	44.3	25.8	9.5	0.0
20°	126.5	95.6	68.8	45.2	26.4	9.7	0.0
17.5°	129.4	97.5	70.1	46.0	27.0	9.8	0.0
15°	131.9	99.2	71.2	46.7	27.5	9.9	0.0
12.5°	134.1	100.5	72.2	47.2	28.0	10.1	0.0
10°	135.9	101.6	72.9	47.6	28.3	10.1	0.0
7.5°	137.3	102.4	73.5	47.9	28.7	10.2	0.0
5°	138.4	102.9	73.8	48.1	28.9	10.3	0.0
2.5°	139.0	103.1	74.0	48.2	29.1	10.3	0.0
0°	139.2	103.1	73.9	48.1	29.2	10.3	0.0
-2.5°	139.0	103.1	74.0	48.2	29.1	10.3	0.0
-5°	138.4	102.9	73.8	48.1	28.9	10.3	0.0
-7.5°	137.3	102.4	73.5	47.9	28.7	10.2	0.0
-10°	135.9	101.6	72.9	47.6	28.3	10.1	0.0
-12.5°	134.1	100.5	72.2	47.2	28.0	10.1	0.0
-15°	131.9	99.2	71.2	46.7	27.5	9.9	0.0
-17.5°	129.4	97.5	70.1	46.0	27.0	9.8	0.0
-20°	126.5	95.6	68.8	45.2	26.4	9.7	0.0



REPORT NUMBER: P558932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.2	93.5	67.3	44.3	25.8	9.5	0.0
-25°	119.6	90.9	65.6	43.2	25.1	9.3	0.0
-27.5°	115.7	88.1	63.7	42.0	24.3	9.1	0.0
-30°	111.4	84.9	61.7	40.7	23.5	8.9	0.0
-32.5°	106.8	81.5	59.2	39.3	22.6	8.7	0.0
-35°	102.3	77.8	56.7	37.7	21.7	8.4	0.0
-37.5°	97.5	74.0	53.9	36.0	20.8	8.2	0.0
-40°	92.5	70.4	51.0	34.1	19.8	7.9	0.0
-42.5°	87.1	66.6	48.2	32.2	18.7	7.6	0.0
-45°	81.4	62.6	45.6	30.2	17.6	7.3	0.0
-47.5°	75.4	58.4	42.8	28.1	16.5	7.0	0.0
-50°	70.1	54.1	40.0	26.3	15.3	6.6	0.0
-52.5°	64.8	49.7	37.1	24.6	14.1	6.3	0.0
-55°	59.2	45.9	34.1	22.8	12.9	5.9	0.0
-57.5°	53.6	42.1	31.1	20.9	11.6	5.5	0.0
-60°	47.9	38.3	28.0	19.0	10.3	5.1	0.0
-62.5°	43.4	34.5	25.3	17.0	9.5	4.8	0.0
-65°	38.9	30.6	22.5	14.9	8.7	4.4	0.0
-67.5°	34.3	26.8	19.7	12.8	7.9	3.9	0.0
-70°	29.7	23.1	16.8	10.7	7.0	3.5	0.0
-72.5°	25.1	19.4	13.8	9.3	6.2	3.1	0.0
-75°	20.4	15.5	10.8	8.0	5.3	2.7	0.0
-77.5°	15.7	11.7	8.9	6.7	4.5	2.2	0.0
-80°	10.9	8.9	7.1	5.4	3.6	1.8	0.0
-82.5°	8.0	6.7	5.4	4.0	2.7	1.3	0.0
-85°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
-87.5°	2.7	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)