

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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558984 (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-SA4E-930-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

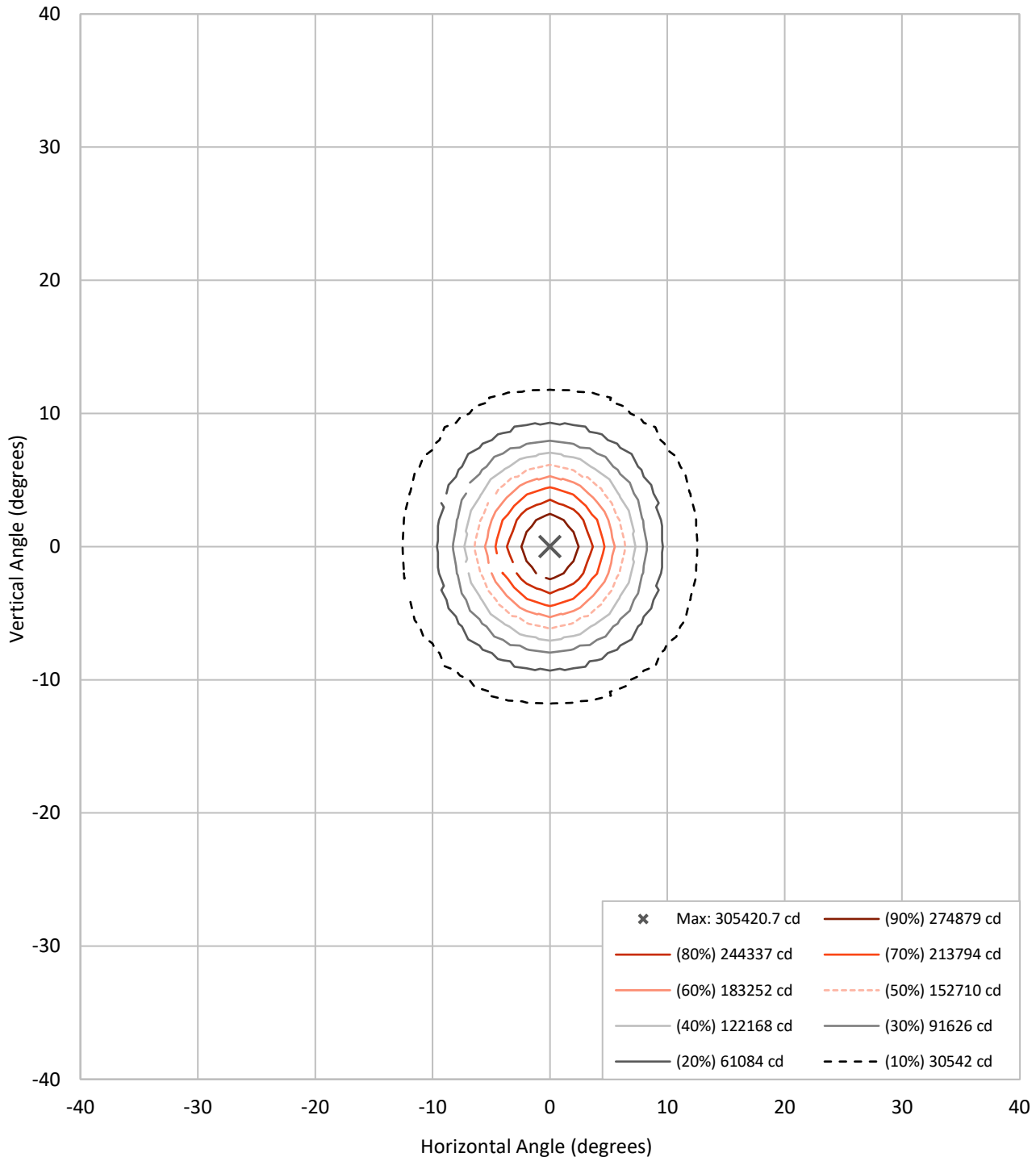
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	22138.9 lumens	Max Intensity:	305420.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6995.5 lumens	Field Lumens:	15497.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 250
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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

Iso-Candela Plot



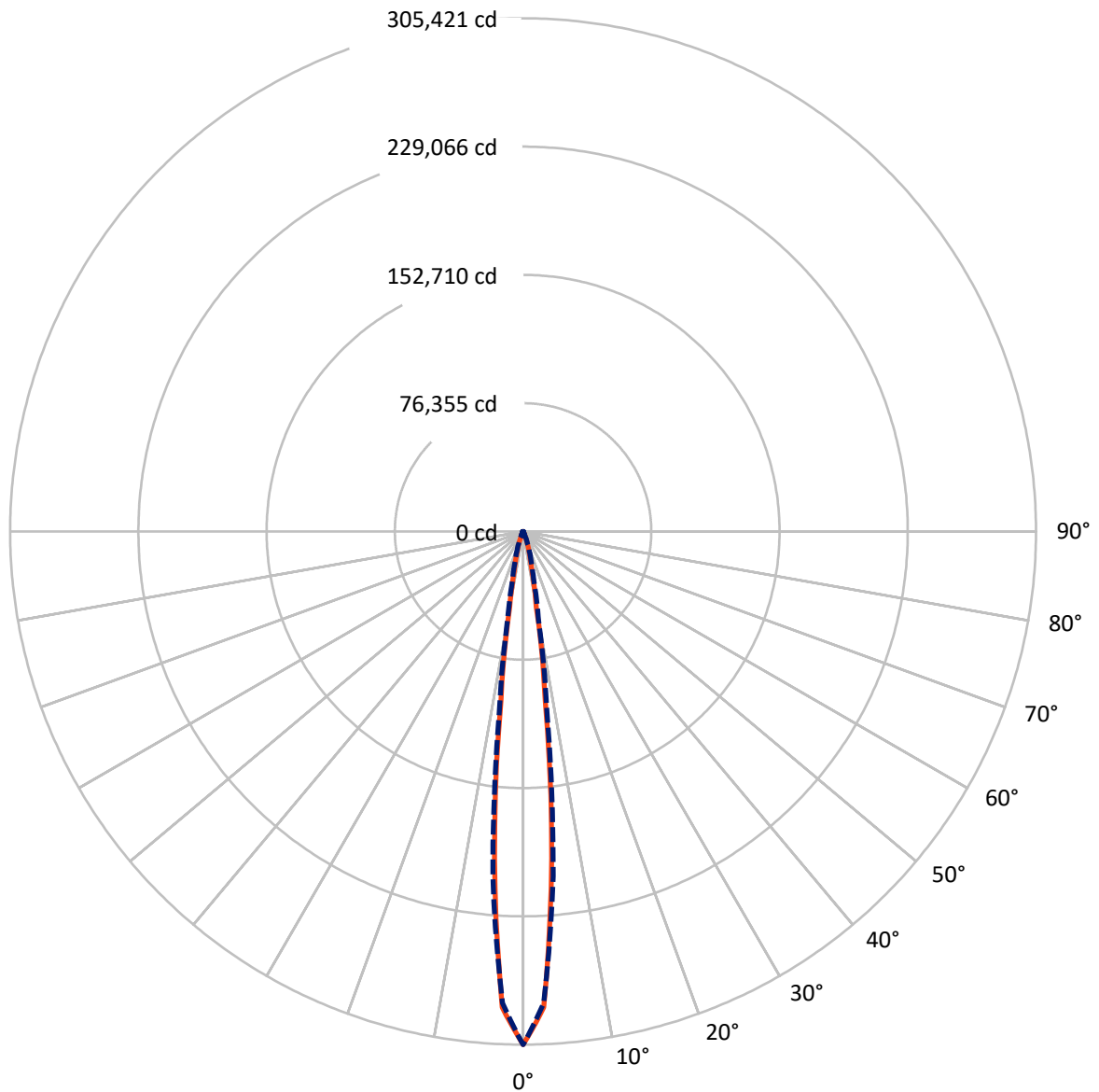
REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

Lumen Table

90	0.3	2.6		7.1		11.5		13.2		11.5		7.1		2.6		0.3
80	0.3	2.6		7.1		11.5		13.2		11.5		7.1		2.6		0.3
70	1.2	1.3	2.9	4.7	6.5	8.0	9.1	9.7	9.7	9.1	8.0	6.5	4.7	2.9	1.3	1.2
60		2.1	4.3	6.5	8.4	9.9	10.9	11.2	11.2	10.9	9.9	8.4	6.5	4.3	2.1	
50	2.1	2.8	5.3	7.5	9.4	11.0	12.3	12.9	12.9	12.3	11.0	9.4	7.5	5.3	2.8	2.1
40		3.3	5.9	8.2	10.5	13.5	16.9	19.0	19.0	16.9	13.5	10.5	8.2	5.9	3.3	
30	2.9	3.7	6.2	8.7	12.3	19.1	42.5	77.3	77.3	42.5	19.1	12.3	8.7	6.2	3.7	2.9
20		3.9	6.4	9.2	14.6	41.1	232.1	510.7	510.7	232.1	41.1	14.6	9.2	6.4	3.9	
10	3.1	4.0	6.5	9.4	16.2	78.9	557.3	3605.1	3605.1	557.3	78.9	16.2	9.4	6.5	4.0	3.1
0		4.0	6.5	9.4	16.2	78.9	557.3	3605.1	3605.1	557.3	78.9	16.2	9.4	6.5	4.0	
-10	2.9	3.9	6.4	9.2	14.6	41.1	232.1	510.7	510.7	232.1	41.1	14.6	9.2	6.4	3.9	2.9
-20		3.7	6.2	8.7	12.3	19.1	42.5	77.3	77.3	42.5	19.1	12.3	8.7	6.2	3.7	
-30	2.1	3.3	5.9	8.2	10.5	13.5	16.9	19.0	19.0	16.9	13.5	10.5	8.2	5.9	3.3	2.1
-40		2.8	5.3	7.5	9.4	11.0	12.3	12.9	12.9	12.3	11.0	9.4	7.5	5.3	2.8	
-50	1.2	2.1	4.3	6.5	8.4	9.9	10.9	11.2	11.2	10.9	9.9	8.4	6.5	4.3	2.1	1.2
-60		1.3	2.9	4.7	6.5	8.0	9.1	9.7	9.7	9.1	8.0	6.5	4.7	2.9	1.3	
-70	0.3	2.6		7.1		11.5		13.2		11.5		7.1		2.6		0.3
-80		2.6		7.1		11.5		13.2		11.5		7.1		2.6		
-90	0.3	2.6		7.1		11.5		13.2		11.5		7.1		2.6		0.3

REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

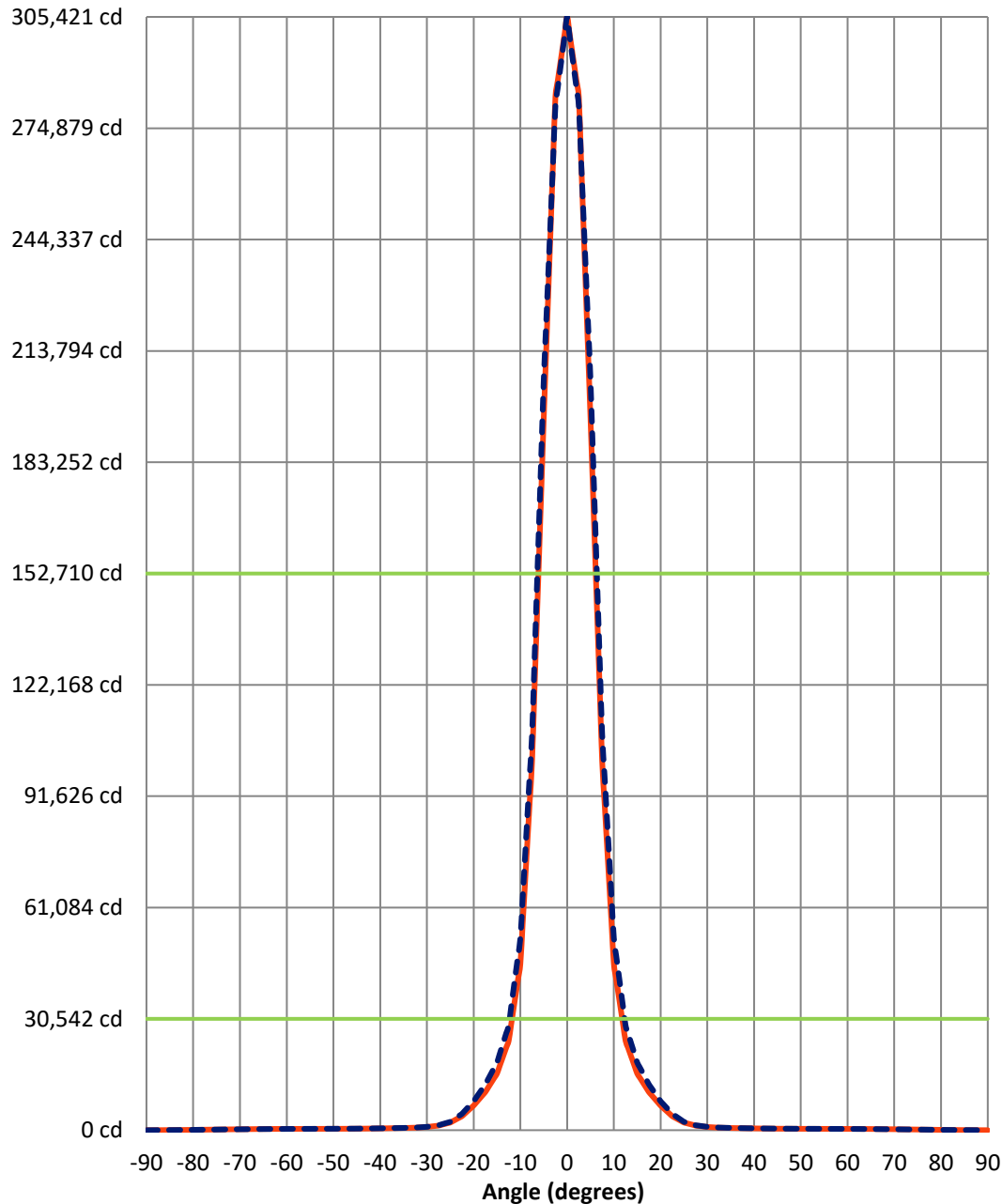
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 6995.5
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 15497.6
Efficiency: 70.0%

Spill:
Lumens: 6641.4
Efficiency: 30.0%

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



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.1
85°	0.0	1.4	2.9	4.1	5.3	6.4	7.5	8.7	9.8	11.0	12.2
82.5°	0.0	2.1	4.3	6.2	8.0	9.7	11.2	13.0	14.9	17.6	20.4
80°	0.0	2.8	5.7	8.3	10.7	12.9	15.1	18.6	22.2	26.0	29.8
77.5°	0.0	3.5	7.1	10.3	13.3	16.5	20.3	24.8	29.4	34.2	39.4
75°	0.0	4.2	8.5	12.4	16.1	20.8	25.5	30.9	36.7	43.3	49.6
72.5°	0.0	4.9	9.9	14.4	19.6	25.2	30.7	37.3	45.2	52.6	59.7
70°	0.0	5.6	11.2	16.5	23.0	29.4	36.0	44.8	53.6	62.0	73.5
67.5°	0.0	6.3	12.5	19.0	26.3	33.6	42.5	52.3	62.0	74.7	87.9
65°	0.0	6.9	13.8	21.5	29.7	38.3	48.8	59.6	72.8	87.1	102.4
62.5°	0.0	7.6	15.1	23.9	32.9	43.4	55.0	68.1	83.3	99.5	117.2
60°	0.0	8.2	16.4	26.3	36.1	48.4	61.0	76.9	93.5	112.6	131.8
57.5°	0.0	8.8	17.9	28.7	39.9	53.2	68.2	85.4	104.6	125.5	146.6
55°	0.0	9.4	19.4	30.9	43.6	57.9	75.4	93.7	115.8	138.1	161.2
52.5°	0.0	10.0	20.9	33.2	47.2	62.6	82.3	103.1	126.5	150.9	175.5
50°	0.0	10.5	22.3	35.3	50.7	68.2	89.0	112.3	137.1	163.4	189.6
47.5°	0.0	11.1	23.6	37.5	54.0	73.7	95.7	121.2	147.8	175.3	203.3
45°	0.0	11.6	24.9	39.9	57.2	78.9	102.9	129.7	158.1	187.3	216.7
42.5°	0.0	12.1	26.2	42.1	60.3	83.8	109.8	138.1	168.1	198.9	228.1
40°	0.0	12.6	27.3	44.3	63.6	88.6	116.4	146.4	177.6	210.1	238.9
37.5°	0.0	13.0	28.5	46.3	67.2	93.1	122.6	154.2	187.0	220.1	249.1
35°	0.0	13.4	29.5	48.1	70.6	97.8	128.4	161.6	195.7	228.6	258.3
32.5°	0.0	13.8	30.5	49.8	73.8	102.3	134.0	168.6	203.9	236.6	266.2
30°	0.0	14.2	31.5	51.4	76.8	106.6	139.6	175.1	211.4	244.0	273.5
27.5°	0.0	14.5	32.3	52.9	79.5	110.5	144.7	181.2	218.0	250.9	280.3
25°	0.0	14.9	33.1	54.2	82.0	114.1	149.4	186.8	223.6	256.7	286.5
22.5°	0.0	15.2	33.9	55.3	84.3	117.3	153.7	191.8	228.6	261.8	291.2
20°	0.0	15.4	34.5	56.4	86.4	120.3	157.6	196.3	233.1	266.2	295.5
17.5°	0.0	15.6	35.1	57.3	88.3	122.9	161.0	200.2	237.1	270.2	299.3
15°	0.0	15.8	35.6	58.0	89.9	125.2	164.1	203.6	240.5	273.6	302.6
12.5°	0.0	16.0	36.0	58.6	91.3	127.1	166.7	206.4	243.3	276.4	305.4
10°	0.0	16.2	36.4	59.1	92.5	128.7	168.9	208.6	245.6	278.6	307.7
7.5°	0.0	16.3	36.6	59.4	93.4	130.0	170.5	210.3	247.2	280.3	309.3
5°	0.0	16.3	36.8	59.6	94.1	130.9	171.7	211.3	248.4	281.3	310.3
2.5°	0.0	16.4	37.0	59.7	94.5	131.4	172.5	211.8	248.9	281.8	310.7
0°	0.0	16.4	37.0	59.7	94.5	131.4	172.5	211.8	248.9	281.8	310.7
-2.5°	0.0	16.4	37.0	59.7	94.5	131.4	172.5	211.8	248.9	281.8	310.7
-5°	0.0	16.3	36.8	59.6	94.1	130.9	171.7	211.3	248.4	281.3	310.3
-7.5°	0.0	16.3	36.6	59.4	93.4	130.0	170.5	210.3	247.2	280.3	309.3
-10°	0.0	16.2	36.4	59.1	92.5	128.7	168.9	208.6	245.6	278.6	307.7
-12.5°	0.0	16.0	36.0	58.6	91.3	127.1	166.7	206.4	243.3	276.4	305.4
-15°	0.0	15.8	35.6	58.0	89.9	125.2	164.1	203.6	240.5	273.6	302.6
-17.5°	0.0	15.6	35.1	57.3	88.3	122.9	161.0	200.2	237.1	270.2	299.3
-20°	0.0	15.4	34.5	56.4	86.4	120.3	157.6	196.3	233.1	266.2	295.5



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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	15.2	33.9	55.3	84.3	117.3	153.7	191.8	228.6	261.8	291.2
-25°	0.0	14.9	33.1	54.2	82.0	114.1	149.4	186.8	223.6	256.7	286.5
-27.5°	0.0	14.5	32.3	52.9	79.5	110.5	144.7	181.2	218.0	250.9	280.3
-30°	0.0	14.2	31.5	51.4	76.8	106.6	139.6	175.1	211.4	244.0	273.5
-32.5°	0.0	13.8	30.5	49.8	73.8	102.3	134.0	168.6	203.9	236.6	266.2
-35°	0.0	13.4	29.5	48.1	70.6	97.8	128.4	161.6	195.7	228.6	258.3
-37.5°	0.0	13.0	28.5	46.3	67.2	93.1	122.6	154.2	187.0	220.1	249.1
-40°	0.0	12.6	27.3	44.3	63.6	88.6	116.4	146.4	177.6	210.1	238.9
-42.5°	0.0	12.1	26.2	42.1	60.3	83.8	109.8	138.1	168.1	198.9	228.1
-45°	0.0	11.6	24.9	39.9	57.2	78.9	102.9	129.7	158.1	187.3	216.7
-47.5°	0.0	11.1	23.6	37.5	54.0	73.7	95.7	121.2	147.8	175.3	203.3
-50°	0.0	10.5	22.3	35.3	50.7	68.2	89.0	112.3	137.1	163.4	189.6
-52.5°	0.0	10.0	20.9	33.2	47.2	62.6	82.3	103.1	126.5	150.9	175.5
-55°	0.0	9.4	19.4	30.9	43.6	57.9	75.4	93.7	115.8	138.1	161.2
-57.5°	0.0	8.8	17.9	28.7	39.9	53.2	68.2	85.4	104.6	125.5	146.6
-60°	0.0	8.2	16.4	26.3	36.1	48.4	61.0	76.9	93.5	112.6	131.8
-62.5°	0.0	7.6	15.1	23.9	32.9	43.4	55.0	68.1	83.3	99.5	117.2
-65°	0.0	6.9	13.8	21.5	29.7	38.3	48.8	59.6	72.8	87.1	102.4
-67.5°	0.0	6.3	12.5	19.0	26.3	33.6	42.5	52.3	62.0	74.7	87.9
-70°	0.0	5.6	11.2	16.5	23.0	29.4	36.0	44.8	53.6	62.0	73.5
-72.5°	0.0	4.9	9.9	14.4	19.6	25.2	30.7	37.3	45.2	52.6	59.7
-75°	0.0	4.2	8.5	12.4	16.1	20.8	25.5	30.9	36.7	43.3	49.6
-77.5°	0.0	3.5	7.1	10.3	13.3	16.5	20.3	24.8	29.4	34.2	39.4
-80°	0.0	2.8	5.7	8.3	10.7	12.9	15.1	18.6	22.2	26.0	29.8
-82.5°	0.0	2.1	4.3	6.2	8.0	9.7	11.2	13.0	14.9	17.6	20.4
-85°	0.0	1.4	2.9	4.1	5.3	6.4	7.5	8.7	9.8	11.0	12.2
-87.5°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.1
-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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	6.6	7.2	7.7	8.3	8.8	9.3	9.7	10.2	10.6	11.0	11.4
85°	13.3	14.4	15.8	17.1	18.3	19.4	20.3	21.2	22.4	23.7	24.9
82.5°	22.7	24.7	26.3	27.7	29.2	30.6	32.1	34.5	37.6	40.6	43.4
80°	32.6	34.9	38.2	41.8	45.6	49.3	52.9	56.3	59.9	64.0	68.1
77.5°	43.8	48.5	53.6	59.1	64.4	70.5	76.8	83.1	88.9	93.9	98.3
75°	55.5	61.8	70.3	78.9	87.0	95.0	103.2	111.2	118.1	124.6	131.0
72.5°	69.1	79.4	89.6	99.4	109.9	120.0	129.5	138.4	147.2	156.0	164.3
70°	85.4	97.1	109.4	121.8	134.0	145.1	156.1	167.2	178.2	188.1	196.9
67.5°	101.6	115.7	129.8	143.9	157.1	169.8	182.8	195.6	207.9	218.3	227.5
65°	118.4	134.1	149.9	165.0	179.4	194.4	209.0	223.2	234.7	244.3	253.5
62.5°	134.7	152.5	169.6	186.2	202.6	218.9	233.0	245.7	257.6	268.0	278.0
60°	151.4	170.7	189.3	207.6	224.9	239.8	254.2	266.9	278.9	290.3	298.7
57.5°	167.9	188.7	208.8	227.6	244.2	259.6	273.4	286.8	297.2	306.3	315.5
55°	184.1	206.3	227.1	245.6	262.4	277.2	291.2	302.3	312.6	321.3	330.3
52.5°	199.9	223.2	243.7	262.4	278.7	293.2	305.5	316.6	326.2	335.1	342.4
50°	215.4	238.2	259.5	277.2	293.4	307.0	318.6	329.3	338.6	346.6	353.3
47.5°	229.2	252.8	272.9	291.0	306.3	319.3	330.5	340.6	349.9	357.0	363.6
45°	242.1	265.3	285.8	303.0	317.9	330.1	341.0	351.5	359.2	366.3	371.4
42.5°	254.4	276.9	296.8	314.7	327.8	339.7	350.7	359.8	367.8	373.9	379.4
40°	264.9	288.1	307.2	323.3	336.8	348.2	358.3	367.5	375.3	381.3	387.2
37.5°	274.8	297.2	316.5	331.6	344.2	355.4	365.5	374.0	381.7	388.1	396.1
35°	284.3	305.8	323.7	338.4	350.8	361.8	371.4	380.1	387.7	396.5	405.8
32.5°	292.4	314.0	330.6	344.0	356.2	367.4	377.0	385.8	394.7	404.6	416.1
30°	299.2	320.0	336.5	349.1	361.2	371.8	382.2	391.7	401.3	413.2	428.3
27.5°	305.4	325.5	340.8	353.5	365.7	375.6	386.4	397.2	408.5	422.4	441.4
25°	311.2	330.5	344.6	357.4	368.8	379.2	390.4	401.4	415.5	433.9	458.7
22.5°	316.0	335.2	347.9	361.0	371.5	382.4	393.9	406.3	422.2	444.5	477.0
20°	319.7	338.0	350.8	363.7	373.6	385.2	397.0	410.5	429.5	458.6	496.2
17.5°	323.1	340.3	353.1	365.4	375.8	387.7	399.7	413.8	435.5	471.7	513.8
15°	326.2	342.3	355.1	366.7	377.7	389.5	402.2	418.3	443.6	484.4	529.7
12.5°	328.8	343.9	356.5	367.7	379.1	390.8	404.3	422.1	452.1	496.2	545.5
10°	331.0	345.1	357.6	368.4	380.2	391.5	405.9	424.6	458.2	502.9	554.9
7.5°	332.4	346.1	358.3	368.8	380.8	391.7	407.1	425.9	462.0	506.4	559.9
5°	333.1	346.8	359.1	369.5	381.6	392.3	408.1	426.1	463.5	507.1	561.9
2.5°	333.4	347.3	359.6	369.9	382.2	393.7	410.0	428.3	464.9	509.6	563.2
0°	333.1	347.5	359.8	370.1	382.4	394.8	411.2	429.7	464.7	512.0	563.4
-2.5°	333.4	347.3	359.6	369.9	382.2	393.7	410.0	428.3	464.9	509.6	563.2
-5°	333.1	346.8	359.1	369.5	381.6	392.3	408.1	426.1	463.5	507.1	561.9
-7.5°	332.4	346.1	358.3	368.8	380.8	391.7	407.1	425.9	462.0	506.4	559.9
-10°	331.0	345.1	357.6	368.4	380.2	391.5	405.9	424.6	458.2	502.9	554.9
-12.5°	328.8	343.9	356.5	367.7	379.1	390.8	404.3	422.1	452.1	496.2	545.5
-15°	326.2	342.3	355.1	366.7	377.7	389.5	402.2	418.3	443.6	484.4	529.7
-17.5°	323.1	340.3	353.1	365.4	375.8	387.7	399.7	413.8	435.5	471.7	513.8
-20°	319.7	338.0	350.8	363.7	373.6	385.2	397.0	410.5	429.5	458.6	496.2



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	316.0	335.2	347.9	361.0	371.5	382.4	393.9	406.3	422.2	444.5	477.0
-25°	311.2	330.5	344.6	357.4	368.8	379.2	390.4	401.4	415.5	433.9	458.7
-27.5°	305.4	325.5	340.8	353.5	365.7	375.6	386.4	397.2	408.5	422.4	441.4
-30°	299.2	320.0	336.5	349.1	361.2	371.8	382.2	391.7	401.3	413.2	428.3
-32.5°	292.4	314.0	330.6	344.0	356.2	367.4	377.0	385.8	394.7	404.6	416.1
-35°	284.3	305.8	323.7	338.4	350.8	361.8	371.4	380.1	387.7	396.5	405.8
-37.5°	274.8	297.2	316.5	331.6	344.2	355.4	365.5	374.0	381.7	388.1	396.1
-40°	264.9	288.1	307.2	323.3	336.8	348.2	358.3	367.5	375.3	381.3	387.2
-42.5°	254.4	276.9	296.8	314.7	327.8	339.7	350.7	359.8	367.8	373.9	379.4
-45°	242.1	265.3	285.8	303.0	317.9	330.1	341.0	351.5	359.2	366.3	371.4
-47.5°	229.2	252.8	272.9	291.0	306.3	319.3	330.5	340.6	349.9	357.0	363.6
-50°	215.4	238.2	259.5	277.2	293.4	307.0	318.6	329.3	338.6	346.6	353.3
-52.5°	199.9	223.2	243.7	262.4	278.7	293.2	305.5	316.6	326.2	335.1	342.4
-55°	184.1	206.3	227.1	245.6	262.4	277.2	291.2	302.3	312.6	321.3	330.3
-57.5°	167.9	188.7	208.8	227.6	244.2	259.6	273.4	286.8	297.2	306.3	315.5
-60°	151.4	170.7	189.3	207.6	224.9	239.8	254.2	266.9	278.9	290.3	298.7
-62.5°	134.7	152.5	169.6	186.2	202.6	218.9	233.0	245.7	257.6	268.0	278.0
-65°	118.4	134.1	149.9	165.0	179.4	194.4	209.0	223.2	234.7	244.3	253.5
-67.5°	101.6	115.7	129.8	143.9	157.1	169.8	182.8	195.6	207.9	218.3	227.5
-70°	85.4	97.1	109.4	121.8	134.0	145.1	156.1	167.2	178.2	188.1	196.9
-72.5°	69.1	79.4	89.6	99.4	109.9	120.0	129.5	138.4	147.2	156.0	164.3
-75°	55.5	61.8	70.3	78.9	87.0	95.0	103.2	111.2	118.1	124.6	131.0
-77.5°	43.8	48.5	53.6	59.1	64.4	70.5	76.8	83.1	88.9	93.9	98.3
-80°	32.6	34.9	38.2	41.8	45.6	49.3	52.9	56.3	59.9	64.0	68.1
-82.5°	22.7	24.7	26.3	27.7	29.2	30.6	32.1	34.5	37.6	40.6	43.4
-85°	13.3	14.4	15.8	17.1	18.3	19.4	20.3	21.2	22.4	23.7	24.9
-87.5°	6.6	7.2	7.7	8.3	8.8	9.3	9.7	10.2	10.6	11.0	11.4
-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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	11.8	11.7	11.6	11.4	11.2	11.4	11.6	11.7	11.9	12.0	12.1
85°	26.2	27.3	28.4	29.6	30.7	31.5	32.3	32.9	33.4	33.9	34.3
82.5°	46.0	48.3	50.5	52.4	54.1	55.6	56.8	58.0	59.0	59.8	60.5
80°	71.8	75.3	78.7	81.8	84.7	87.0	88.9	90.5	91.8	93.3	94.5
77.5°	102.6	107.6	112.3	116.5	120.3	123.5	126.3	128.7	130.7	133.2	135.5
75°	137.5	143.4	148.8	153.8	158.4	162.5	166.1	169.3	172.0	174.7	177.0
72.5°	172.2	179.4	185.7	191.1	196.0	200.6	205.2	209.5	213.4	216.4	218.6
70°	205.0	212.4	219.2	225.3	231.0	236.8	242.7	248.2	253.2	256.5	258.3
67.5°	235.2	242.7	250.4	257.9	264.6	270.7	276.7	282.1	287.0	290.3	292.4
65°	262.4	270.7	278.9	286.7	293.8	299.0	304.4	309.5	314.4	318.3	321.1
62.5°	287.8	296.0	302.9	309.5	315.6	320.8	326.1	330.8	335.0	338.7	342.1
60°	307.2	315.5	322.3	328.4	334.0	339.3	343.5	347.0	349.8	352.1	354.2
57.5°	323.8	331.8	338.7	343.7	348.7	353.7	357.3	359.5	361.2	362.4	363.3
55°	338.2	344.6	350.3	355.9	360.8	365.1	368.3	369.7	370.7	371.1	371.6
52.5°	349.7	355.9	361.8	367.1	371.0	374.6	377.7	378.5	379.0	379.3	379.3
50°	360.2	366.4	371.0	375.5	379.4	382.7	385.4	386.6	387.4	387.5	387.1
47.5°	368.7	374.0	379.2	383.7	387.7	391.5	394.6	396.3	397.7	398.2	398.1
45°	376.2	382.3	387.8	393.2	397.9	402.8	407.0	409.9	412.8	414.7	415.7
42.5°	385.0	391.2	397.3	404.6	411.4	417.8	424.8	430.9	437.3	444.2	448.8
40°	394.1	400.7	410.0	418.9	428.8	437.9	452.5	467.2	478.4	487.9	496.4
37.5°	404.3	414.0	425.2	436.6	452.9	469.7	488.2	506.4	522.3	536.5	548.1
35°	416.1	429.1	442.8	463.2	483.8	504.5	526.7	550.9	571.5	586.5	597.2
32.5°	430.5	446.9	468.9	494.9	520.3	547.1	573.9	600.9	621.2	642.1	663.1
30°	446.5	470.2	498.7	530.2	561.8	594.0	627.6	665.1	700.6	738.9	793.6
27.5°	466.9	495.8	529.2	566.5	604.6	642.9	701.6	765.9	861.2	937.4	1066.7
25°	488.7	522.5	562.3	605.6	652.2	720.7	828.0	954.9	1179.6	1353.9	1618.3
22.5°	513.0	552.7	596.8	646.5	721.5	850.9	1034.5	1360.1	1813.3	2260.8	2758.6
20°	537.0	580.9	629.2	704.3	831.9	1036.5	1434.0	2138.1	2924.5	4044.3	4984.1
17.5°	559.7	606.4	667.6	769.3	960.3	1371.6	2141.5	3347.6	4990.2	6795.1	8300.3
15°	579.6	627.3	709.8	870.9	1193.6	1834.3	2996.7	5049.4	7809.3	10280.5	12484.8
12.5°	596.4	653.0	755.5	952.8	1396.1	2344.5	4209.2	7124.0	10494.2	13960.0	16749.5
10°	608.7	680.2	816.7	1104.5	1717.9	2951.7	5219.8	8896.6	12954.5	17166.8	22209.5
7.5°	616.1	699.7	863.0	1217.2	2005.0	3627.8	6487.4	10479.1	15139.1	20889.5	28593.9
5°	621.4	712.9	897.3	1301.9	2196.7	4074.7	7287.9	11678.2	17024.1	25338.8	41195.0
2.5°	624.0	718.7	916.8	1348.5	2284.2	4304.6	7851.2	12364.7	18170.9	28477.5	49924.3
0°	623.0	715.5	919.1	1359.1	2296.7	4480.3	7944.8	12560.8	18558.4	28758.8	52722.8
-2.5°	624.0	718.7	916.8	1348.5	2284.2	4304.6	7851.2	12364.7	18170.9	28477.5	49924.3
-5°	621.4	712.9	897.3	1301.9	2196.7	4074.7	7287.9	11678.2	17024.1	25338.8	41195.0
-7.5°	616.1	699.7	863.0	1217.2	2005.0	3627.8	6487.4	10479.1	15139.1	20889.5	28593.9
-10°	608.7	680.2	816.7	1104.5	1717.9	2951.7	5219.8	8896.6	12954.5	17166.8	22209.5
-12.5°	596.4	653.0	755.5	952.8	1396.1	2344.5	4209.2	7124.0	10494.2	13960.0	16749.5
-15°	579.6	627.3	709.8	870.9	1193.6	1834.3	2996.7	5049.4	7809.3	10280.5	12484.8
-17.5°	559.7	606.4	667.6	769.3	960.3	1371.6	2141.5	3347.6	4990.2	6795.1	8300.3
-20°	537.0	580.9	629.2	704.3	831.9	1036.5	1434.0	2138.1	2924.5	4044.3	4984.1



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	513.0	552.7	596.8	646.5	721.5	850.9	1034.5	1360.1	1813.3	2260.8	2758.6
-25°	488.7	522.5	562.3	605.6	652.2	720.7	828.0	954.9	1179.6	1353.9	1618.3
-27.5°	466.9	495.8	529.2	566.5	604.6	642.9	701.6	765.9	861.2	937.4	1066.7
-30°	446.5	470.2	498.7	530.2	561.8	594.0	627.6	665.1	700.6	738.9	793.6
-32.5°	430.5	446.9	468.9	494.9	520.3	547.1	573.9	600.9	621.2	642.1	663.1
-35°	416.1	429.1	442.8	463.2	483.8	504.5	526.7	550.9	571.5	586.5	597.2
-37.5°	404.3	414.0	425.2	436.6	452.9	469.7	488.2	506.4	522.3	536.5	548.1
-40°	394.1	400.7	410.0	418.9	428.8	437.9	452.5	467.2	478.4	487.9	496.4
-42.5°	385.0	391.2	397.3	404.6	411.4	417.8	424.8	430.9	437.3	444.2	448.8
-45°	376.2	382.3	387.8	393.2	397.9	402.8	407.0	409.9	412.8	414.7	415.7
-47.5°	368.7	374.0	379.2	383.7	387.7	391.5	394.6	396.3	397.7	398.2	398.1
-50°	360.2	366.4	371.0	375.5	379.4	382.7	385.4	386.6	387.4	387.5	387.1
-52.5°	349.7	355.9	361.8	367.1	371.0	374.6	377.7	378.5	379.0	379.3	379.3
-55°	338.2	344.6	350.3	355.9	360.8	365.1	368.3	369.7	370.7	371.1	371.6
-57.5°	323.8	331.8	338.7	343.7	348.7	353.7	357.3	359.5	361.2	362.4	363.3
-60°	307.2	315.5	322.3	328.4	334.0	339.3	343.5	347.0	349.8	352.1	354.2
-62.5°	287.8	296.0	302.9	309.5	315.6	320.8	326.1	330.8	335.0	338.7	342.1
-65°	262.4	270.7	278.9	286.7	293.8	299.0	304.4	309.5	314.4	318.3	321.1
-67.5°	235.2	242.7	250.4	257.9	264.6	270.7	276.7	282.1	287.0	290.3	292.4
-70°	205.0	212.4	219.2	225.3	231.0	236.8	242.7	248.2	253.2	256.5	258.3
-72.5°	172.2	179.4	185.7	191.1	196.0	200.6	205.2	209.5	213.4	216.4	218.6
-75°	137.5	143.4	148.8	153.8	158.4	162.5	166.1	169.3	172.0	174.7	177.0
-77.5°	102.6	107.6	112.3	116.5	120.3	123.5	126.3	128.7	130.7	133.2	135.5
-80°	71.8	75.3	78.7	81.8	84.7	87.0	88.9	90.5	91.8	93.3	94.5
-82.5°	46.0	48.3	50.5	52.4	54.1	55.6	56.8	58.0	59.0	59.8	60.5
-85°	26.2	27.3	28.4	29.6	30.7	31.5	32.3	32.9	33.4	33.9	34.3
-87.5°	11.8	11.7	11.6	11.4	11.2	11.4	11.6	11.7	11.9	12.0	12.1
-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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7
85°	34.6	34.8	35.0	35.0	35.0	34.8	34.6	34.3	33.9	33.4	32.9
82.5°	61.0	61.4	61.6	61.7	61.6	61.4	61.0	60.5	59.8	59.0	58.0
80°	95.4	96.1	96.5	96.6	96.5	96.1	95.4	94.5	93.3	91.8	90.5
77.5°	137.4	138.9	139.6	139.8	139.6	138.9	137.4	135.5	133.2	130.7	128.7
75°	178.7	179.9	180.7	180.9	180.7	179.9	178.7	177.0	174.7	172.0	169.3
72.5°	220.1	221.0	222.8	224.1	222.8	221.0	220.1	218.6	216.4	213.4	209.5
70°	259.5	260.0	261.8	263.2	261.8	260.0	259.5	258.3	256.5	253.2	248.2
67.5°	293.9	294.9	294.8	294.0	294.8	294.9	293.9	292.4	290.3	287.0	282.1
65°	323.6	325.6	325.7	324.9	325.7	325.6	323.6	321.1	318.3	314.4	309.5
62.5°	345.2	348.1	349.2	349.5	349.2	348.1	345.2	342.1	338.7	335.0	330.8
60°	355.9	357.2	357.7	357.8	357.7	357.2	355.9	354.2	352.1	349.8	347.0
57.5°	363.7	363.7	363.8	363.9	363.8	363.7	363.7	363.3	362.4	361.2	359.5
55°	371.9	371.9	371.3	370.1	371.3	371.9	371.9	371.6	371.1	370.7	369.7
52.5°	379.1	378.4	377.5	376.3	377.5	378.4	379.1	379.3	379.3	379.0	378.5
50°	386.3	385.0	384.4	384.5	384.4	385.0	386.3	387.1	387.5	387.4	386.6
47.5°	397.8	396.9	396.6	396.8	396.6	396.9	397.8	398.1	398.2	397.7	396.3
45°	416.1	415.4	414.9	415.3	414.9	415.4	416.1	415.7	414.7	412.8	409.9
42.5°	451.4	451.6	451.4	452.3	451.4	451.6	451.4	448.8	444.2	437.3	430.9
40°	499.8	499.6	497.9	497.6	497.9	499.6	499.8	496.4	487.9	478.4	467.2
37.5°	552.9	552.9	551.2	551.0	551.2	552.9	552.9	548.1	536.5	522.3	506.4
35°	602.9	604.8	604.4	602.4	604.4	604.8	602.9	597.2	586.5	571.5	550.9
32.5°	677.9	689.4	695.5	692.9	695.5	689.4	677.9	663.1	642.1	621.2	600.9
30°	828.0	857.6	873.2	880.0	873.2	857.6	828.0	793.6	738.9	700.6	665.1
27.5°	1159.2	1224.6	1253.9	1264.5	1253.9	1224.6	1159.2	1066.7	937.4	861.2	765.9
25°	1849.3	1996.9	2069.7	2093.1	2069.7	1996.9	1849.3	1618.3	1353.9	1179.6	954.9
22.5°	3306.7	3591.0	3785.4	3828.5	3785.4	3591.0	3306.7	2758.6	2260.8	1813.3	1360.1
20°	5929.0	6478.8	6777.0	6750.2	6777.0	6478.8	5929.0	4984.1	4044.3	2924.5	2138.1
17.5°	9579.8	10284.8	10620.4	10463.5	10620.4	10284.8	9579.8	8300.3	6795.1	4990.2	3347.6
15°	14043.6	14996.1	15411.6	15540.1	15411.6	14996.1	14043.6	12484.8	10280.5	7809.3	5049.4
12.5°	19534.0	22656.6	24149.8	24550.0	24149.8	22656.6	19534.0	16749.5	13960.0	10494.2	7124.0
10°	27367.3	37863.5	44106.8	45631.2	44106.8	37863.5	27367.3	22209.5	17166.8	12954.5	8896.6
7.5°	44693.2	66022.4	89915.9	101230.5	89915.9	66022.4	44693.2	28593.9	20889.5	15139.1	10479.1
5°	68156.9	118291.9	173612.8	195299.6	173612.8	118291.9	68156.9	41195.0	25338.8	17024.1	11678.2
2.5°	96681.2	178611.7	255051.6	283546.8	255051.6	178611.7	96681.2	49924.3	28477.5	18170.9	12364.7
0°	108732.2	205919.4	281011.7	305420.7	281011.7	205919.4	108732.2	52722.8	28758.8	18558.4	12560.8
-2.5°	96681.2	178611.7	255051.6	283546.8	255051.6	178611.7	96681.2	49924.3	28477.5	18170.9	12364.7
-5°	68156.9	118291.9	173612.8	195299.6	173612.8	118291.9	68156.9	41195.0	25338.8	17024.1	11678.2
-7.5°	44693.2	66022.4	89915.9	101230.5	89915.9	66022.4	44693.2	28593.9	20889.5	15139.1	10479.1
-10°	27367.3	37863.5	44106.8	45631.2	44106.8	37863.5	27367.3	22209.5	17166.8	12954.5	8896.6
-12.5°	19534.0	22656.6	24149.8	24550.0	24149.8	22656.6	19534.0	16749.5	13960.0	10494.2	7124.0
-15°	14043.6	14996.1	15411.6	15540.1	15411.6	14996.1	14043.6	12484.8	10280.5	7809.3	5049.4
-17.5°	9579.8	10284.8	10620.4	10463.5	10620.4	10284.8	9579.8	8300.3	6795.1	4990.2	3347.6
-20°	5929.0	6478.8	6777.0	6750.2	6777.0	6478.8	5929.0	4984.1	4044.3	2924.5	2138.1



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	3306.7	3591.0	3785.4	3828.5	3785.4	3591.0	3306.7	2758.6	2260.8	1813.3	1360.1
-25°	1849.3	1996.9	2069.7	2093.1	2069.7	1996.9	1849.3	1618.3	1353.9	1179.6	954.9
-27.5°	1159.2	1224.6	1253.9	1264.5	1253.9	1224.6	1159.2	1066.7	937.4	861.2	765.9
-30°	828.0	857.6	873.2	880.0	873.2	857.6	828.0	793.6	738.9	700.6	665.1
-32.5°	677.9	689.4	695.5	692.9	695.5	689.4	677.9	663.1	642.1	621.2	600.9
-35°	602.9	604.8	604.4	602.4	604.4	604.8	602.9	597.2	586.5	571.5	550.9
-37.5°	552.9	552.9	551.2	551.0	551.2	552.9	552.9	548.1	536.5	522.3	506.4
-40°	499.8	499.6	497.9	497.6	497.9	499.6	499.8	496.4	487.9	478.4	467.2
-42.5°	451.4	451.6	451.4	452.3	451.4	451.6	451.4	448.8	444.2	437.3	430.9
-45°	416.1	415.4	414.9	415.3	414.9	415.4	416.1	415.7	414.7	412.8	409.9
-47.5°	397.8	396.9	396.6	396.8	396.6	396.9	397.8	398.1	398.2	397.7	396.3
-50°	386.3	385.0	384.4	384.5	384.4	385.0	386.3	387.1	387.5	387.4	386.6
-52.5°	379.1	378.4	377.5	376.3	377.5	378.4	379.1	379.3	379.3	379.0	378.5
-55°	371.9	371.9	371.3	370.1	371.3	371.9	371.9	371.6	371.1	370.7	369.7
-57.5°	363.7	363.7	363.8	363.9	363.8	363.7	363.7	363.3	362.4	361.2	359.5
-60°	355.9	357.2	357.7	357.8	357.7	357.2	355.9	354.2	352.1	349.8	347.0
-62.5°	345.2	348.1	349.2	349.5	349.2	348.1	345.2	342.1	338.7	335.0	330.8
-65°	323.6	325.6	325.7	324.9	325.7	325.6	323.6	321.1	318.3	314.4	309.5
-67.5°	293.9	294.9	294.8	294.0	294.8	294.9	293.9	292.4	290.3	287.0	282.1
-70°	259.5	260.0	261.8	263.2	261.8	260.0	259.5	258.3	256.5	253.2	248.2
-72.5°	220.1	221.0	222.8	224.1	222.8	221.0	220.1	218.6	216.4	213.4	209.5
-75°	178.7	179.9	180.7	180.9	180.7	179.9	178.7	177.0	174.7	172.0	169.3
-77.5°	137.4	138.9	139.6	139.8	139.6	138.9	137.4	135.5	133.2	130.7	128.7
-80°	95.4	96.1	96.5	96.6	96.5	96.1	95.4	94.5	93.3	91.8	90.5
-82.5°	61.0	61.4	61.6	61.7	61.6	61.4	61.0	60.5	59.8	59.0	58.0
-85°	34.6	34.8	35.0	35.0	35.0	34.8	34.6	34.3	33.9	33.4	32.9
-87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7
-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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	11.6	11.4	11.2	11.4	11.6	11.7	11.8	11.4	11.0	10.6	10.2
85°	32.3	31.5	30.7	29.6	28.4	27.3	26.2	24.9	23.7	22.4	21.2
82.5°	56.8	55.6	54.1	52.4	50.5	48.3	46.0	43.4	40.6	37.6	34.5
80°	88.9	87.0	84.7	81.8	78.7	75.3	71.8	68.1	64.0	59.9	56.3
77.5°	126.3	123.5	120.3	116.5	112.3	107.6	102.6	98.3	93.9	88.9	83.1
75°	166.1	162.5	158.4	153.8	148.8	143.4	137.5	131.0	124.6	118.1	111.2
72.5°	205.2	200.6	196.0	191.1	185.7	179.4	172.2	164.3	156.0	147.2	138.4
70°	242.7	236.8	231.0	225.3	219.2	212.4	205.0	196.9	188.1	178.2	167.2
67.5°	276.7	270.7	264.6	257.9	250.4	242.7	235.2	227.5	218.3	207.9	195.6
65°	304.4	299.0	293.8	286.7	278.9	270.7	262.4	253.5	244.3	234.7	223.2
62.5°	326.1	320.8	315.6	309.5	302.9	296.0	287.8	278.0	268.0	257.6	245.7
60°	343.5	339.3	334.0	328.4	322.3	315.5	307.2	298.7	290.3	278.9	266.9
57.5°	357.3	353.7	348.7	343.7	338.7	331.8	323.8	315.5	306.3	297.2	286.8
55°	368.3	365.1	360.8	355.9	350.3	344.6	338.2	330.3	321.3	312.6	302.3
52.5°	377.7	374.6	371.0	367.1	361.8	355.9	349.7	342.4	335.1	326.2	316.6
50°	385.4	382.7	379.4	375.5	371.0	366.4	360.2	353.3	346.6	338.6	329.3
47.5°	394.6	391.5	387.7	383.7	379.2	374.0	368.7	363.6	357.0	349.9	340.6
45°	407.0	402.8	397.9	393.2	387.8	382.3	376.2	371.4	366.3	359.2	351.5
42.5°	424.8	417.8	411.4	404.6	397.3	391.2	385.0	379.4	373.9	367.8	359.8
40°	452.5	437.9	428.8	418.9	410.0	400.7	394.1	387.2	381.3	375.3	367.5
37.5°	488.2	469.7	452.9	436.6	425.2	414.0	404.3	396.1	388.1	381.7	374.0
35°	526.7	504.5	483.8	463.2	442.8	429.1	416.1	405.8	396.5	387.7	380.1
32.5°	573.9	547.1	520.3	494.9	468.9	446.9	430.5	416.1	404.6	394.7	385.8
30°	627.6	594.0	561.8	530.2	498.7	470.2	446.5	428.3	413.2	401.3	391.7
27.5°	701.6	642.9	604.6	566.5	529.2	495.8	466.9	441.4	422.4	408.5	397.2
25°	828.0	720.7	652.2	605.6	562.3	522.5	488.7	458.7	433.9	415.5	401.4
22.5°	1034.5	850.9	721.5	646.5	596.8	552.7	513.0	477.0	444.5	422.2	406.3
20°	1434.0	1036.5	831.9	704.3	629.2	580.9	537.0	496.2	458.6	429.5	410.5
17.5°	2141.5	1371.6	960.3	769.3	667.6	606.4	559.7	513.8	471.7	435.5	413.8
15°	2996.7	1834.3	1193.6	870.9	709.8	627.3	579.6	529.7	484.4	443.6	418.3
12.5°	4209.2	2344.5	1396.1	952.8	755.5	653.0	596.4	545.5	496.2	452.1	422.1
10°	5219.8	2951.7	1717.9	1104.5	816.7	680.2	608.7	554.9	502.9	458.2	424.6
7.5°	6487.4	3627.8	2005.0	1217.2	863.0	699.7	616.1	559.9	506.4	462.0	425.9
5°	7287.9	4074.7	2196.7	1301.9	897.3	712.9	621.4	561.9	507.1	463.5	426.1
2.5°	7851.2	4304.6	2284.2	1348.5	916.8	718.7	624.0	563.2	509.6	464.9	428.3
0°	7944.8	4480.3	2296.7	1359.1	919.1	715.5	623.0	563.4	512.0	464.7	429.7
-2.5°	7851.2	4304.6	2284.2	1348.5	916.8	718.7	624.0	563.2	509.6	464.9	428.3
-5°	7287.9	4074.7	2196.7	1301.9	897.3	712.9	621.4	561.9	507.1	463.5	426.1
-7.5°	6487.4	3627.8	2005.0	1217.2	863.0	699.7	616.1	559.9	506.4	462.0	425.9
-10°	5219.8	2951.7	1717.9	1104.5	816.7	680.2	608.7	554.9	502.9	458.2	424.6
-12.5°	4209.2	2344.5	1396.1	952.8	755.5	653.0	596.4	545.5	496.2	452.1	422.1
-15°	2996.7	1834.3	1193.6	870.9	709.8	627.3	579.6	529.7	484.4	443.6	418.3
-17.5°	2141.5	1371.6	960.3	769.3	667.6	606.4	559.7	513.8	471.7	435.5	413.8
-20°	1434.0	1036.5	831.9	704.3	629.2	580.9	537.0	496.2	458.6	429.5	410.5



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1034.5	850.9	721.5	646.5	596.8	552.7	513.0	477.0	444.5	422.2	406.3
-25°	828.0	720.7	652.2	605.6	562.3	522.5	488.7	458.7	433.9	415.5	401.4
-27.5°	701.6	642.9	604.6	566.5	529.2	495.8	466.9	441.4	422.4	408.5	397.2
-30°	627.6	594.0	561.8	530.2	498.7	470.2	446.5	428.3	413.2	401.3	391.7
-32.5°	573.9	547.1	520.3	494.9	468.9	446.9	430.5	416.1	404.6	394.7	385.8
-35°	526.7	504.5	483.8	463.2	442.8	429.1	416.1	405.8	396.5	387.7	380.1
-37.5°	488.2	469.7	452.9	436.6	425.2	414.0	404.3	396.1	388.1	381.7	374.0
-40°	452.5	437.9	428.8	418.9	410.0	400.7	394.1	387.2	381.3	375.3	367.5
-42.5°	424.8	417.8	411.4	404.6	397.3	391.2	385.0	379.4	373.9	367.8	359.8
-45°	407.0	402.8	397.9	393.2	387.8	382.3	376.2	371.4	366.3	359.2	351.5
-47.5°	394.6	391.5	387.7	383.7	379.2	374.0	368.7	363.6	357.0	349.9	340.6
-50°	385.4	382.7	379.4	375.5	371.0	366.4	360.2	353.3	346.6	338.6	329.3
-52.5°	377.7	374.6	371.0	367.1	361.8	355.9	349.7	342.4	335.1	326.2	316.6
-55°	368.3	365.1	360.8	355.9	350.3	344.6	338.2	330.3	321.3	312.6	302.3
-57.5°	357.3	353.7	348.7	343.7	338.7	331.8	323.8	315.5	306.3	297.2	286.8
-60°	343.5	339.3	334.0	328.4	322.3	315.5	307.2	298.7	290.3	278.9	266.9
-62.5°	326.1	320.8	315.6	309.5	302.9	296.0	287.8	278.0	268.0	257.6	245.7
-65°	304.4	299.0	293.8	286.7	278.9	270.7	262.4	253.5	244.3	234.7	223.2
-67.5°	276.7	270.7	264.6	257.9	250.4	242.7	235.2	227.5	218.3	207.9	195.6
-70°	242.7	236.8	231.0	225.3	219.2	212.4	205.0	196.9	188.1	178.2	167.2
-72.5°	205.2	200.6	196.0	191.1	185.7	179.4	172.2	164.3	156.0	147.2	138.4
-75°	166.1	162.5	158.4	153.8	148.8	143.4	137.5	131.0	124.6	118.1	111.2
-77.5°	126.3	123.5	120.3	116.5	112.3	107.6	102.6	98.3	93.9	88.9	83.1
-80°	88.9	87.0	84.7	81.8	78.7	75.3	71.8	68.1	64.0	59.9	56.3
-82.5°	56.8	55.6	54.1	52.4	50.5	48.3	46.0	43.4	40.6	37.6	34.5
-85°	32.3	31.5	30.7	29.6	28.4	27.3	26.2	24.9	23.7	22.4	21.2
-87.5°	11.6	11.4	11.2	11.4	11.6	11.7	11.8	11.4	11.0	10.6	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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	9.7	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
85°	20.3	19.4	18.3	17.1	15.8	14.4	13.3	12.2	11.0	9.8	8.7
82.5°	32.1	30.6	29.2	27.7	26.3	24.7	22.7	20.4	17.6	14.9	13.0
80°	52.9	49.3	45.6	41.8	38.2	34.9	32.6	29.8	26.0	22.2	18.6
77.5°	76.8	70.5	64.4	59.1	53.6	48.5	43.8	39.4	34.2	29.4	24.8
75°	103.2	95.0	87.0	78.9	70.3	61.8	55.5	49.6	43.3	36.7	30.9
72.5°	129.5	120.0	109.9	99.4	89.6	79.4	69.1	59.7	52.6	45.2	37.3
70°	156.1	145.1	134.0	121.8	109.4	97.1	85.4	73.5	62.0	53.6	44.8
67.5°	182.8	169.8	157.1	143.9	129.8	115.7	101.6	87.9	74.7	62.0	52.3
65°	209.0	194.4	179.4	165.0	149.9	134.1	118.4	102.4	87.1	72.8	59.6
62.5°	233.0	218.9	202.6	186.2	169.6	152.5	134.7	117.2	99.5	83.3	68.1
60°	254.2	239.8	224.9	207.6	189.3	170.7	151.4	131.8	112.6	93.5	76.9
57.5°	273.4	259.6	244.2	227.6	208.8	188.7	167.9	146.6	125.5	104.6	85.4
55°	291.2	277.2	262.4	245.6	227.1	206.3	184.1	161.2	138.1	115.8	93.7
52.5°	305.5	293.2	278.7	262.4	243.7	223.2	199.9	175.5	150.9	126.5	103.1
50°	318.6	307.0	293.4	277.2	259.5	238.2	215.4	189.6	163.4	137.1	112.3
47.5°	330.5	319.3	306.3	291.0	272.9	252.8	229.2	203.3	175.3	147.8	121.2
45°	341.0	330.1	317.9	303.0	285.8	265.3	242.1	216.7	187.3	158.1	129.7
42.5°	350.7	339.7	327.8	314.7	296.8	276.9	254.4	228.1	198.9	168.1	138.1
40°	358.3	348.2	336.8	323.3	307.2	288.1	264.9	238.9	210.1	177.6	146.4
37.5°	365.5	355.4	344.2	331.6	316.5	297.2	274.8	249.1	220.1	187.0	154.2
35°	371.4	361.8	350.8	338.4	323.7	305.8	284.3	258.3	228.6	195.7	161.6
32.5°	377.0	367.4	356.2	344.0	330.6	314.0	292.4	266.2	236.6	203.9	168.6
30°	382.2	371.8	361.2	349.1	336.5	320.0	299.2	273.5	244.0	211.4	175.1
27.5°	386.4	375.6	365.7	353.5	340.8	325.5	305.4	280.3	250.9	218.0	181.2
25°	390.4	379.2	368.8	357.4	344.6	330.5	311.2	286.5	256.7	223.6	186.8
22.5°	393.9	382.4	371.5	361.0	347.9	335.2	316.0	291.2	261.8	228.6	191.8
20°	397.0	385.2	373.6	363.7	350.8	338.0	319.7	295.5	266.2	233.1	196.3
17.5°	399.7	387.7	375.8	365.4	353.1	340.3	323.1	299.3	270.2	237.1	200.2
15°	402.2	389.5	377.7	366.7	355.1	342.3	326.2	302.6	273.6	240.5	203.6
12.5°	404.3	390.8	379.1	367.7	356.5	343.9	328.8	305.4	276.4	243.3	206.4
10°	405.9	391.5	380.2	368.4	357.6	345.1	331.0	307.7	278.6	245.6	208.6
7.5°	407.1	391.7	380.8	368.8	358.3	346.1	332.4	309.3	280.3	247.2	210.3
5°	408.1	392.3	381.6	369.5	359.1	346.8	333.1	310.3	281.3	248.4	211.3
2.5°	410.0	393.7	382.2	369.9	359.6	347.3	333.4	310.7	281.8	248.9	211.8
0°	411.2	394.8	382.4	370.1	359.8	347.5	333.1	310.5	281.7	248.8	211.8
-2.5°	410.0	393.7	382.2	369.9	359.6	347.3	333.4	310.7	281.8	248.9	211.8
-5°	408.1	392.3	381.6	369.5	359.1	346.8	333.1	310.3	281.3	248.4	211.3
-7.5°	407.1	391.7	380.8	368.8	358.3	346.1	332.4	309.3	280.3	247.2	210.3
-10°	405.9	391.5	380.2	368.4	357.6	345.1	331.0	307.7	278.6	245.6	208.6
-12.5°	404.3	390.8	379.1	367.7	356.5	343.9	328.8	305.4	276.4	243.3	206.4
-15°	402.2	389.5	377.7	366.7	355.1	342.3	326.2	302.6	273.6	240.5	203.6
-17.5°	399.7	387.7	375.8	365.4	353.1	340.3	323.1	299.3	270.2	237.1	200.2
-20°	397.0	385.2	373.6	363.7	350.8	338.0	319.7	295.5	266.2	233.1	196.3



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	393.9	382.4	371.5	361.0	347.9	335.2	316.0	291.2	261.8	228.6	191.8
-25°	390.4	379.2	368.8	357.4	344.6	330.5	311.2	286.5	256.7	223.6	186.8
-27.5°	386.4	375.6	365.7	353.5	340.8	325.5	305.4	280.3	250.9	218.0	181.2
-30°	382.2	371.8	361.2	349.1	336.5	320.0	299.2	273.5	244.0	211.4	175.1
-32.5°	377.0	367.4	356.2	344.0	330.6	314.0	292.4	266.2	236.6	203.9	168.6
-35°	371.4	361.8	350.8	338.4	323.7	305.8	284.3	258.3	228.6	195.7	161.6
-37.5°	365.5	355.4	344.2	331.6	316.5	297.2	274.8	249.1	220.1	187.0	154.2
-40°	358.3	348.2	336.8	323.3	307.2	288.1	264.9	238.9	210.1	177.6	146.4
-42.5°	350.7	339.7	327.8	314.7	296.8	276.9	254.4	228.1	198.9	168.1	138.1
-45°	341.0	330.1	317.9	303.0	285.8	265.3	242.1	216.7	187.3	158.1	129.7
-47.5°	330.5	319.3	306.3	291.0	272.9	252.8	229.2	203.3	175.3	147.8	121.2
-50°	318.6	307.0	293.4	277.2	259.5	238.2	215.4	189.6	163.4	137.1	112.3
-52.5°	305.5	293.2	278.7	262.4	243.7	223.2	199.9	175.5	150.9	126.5	103.1
-55°	291.2	277.2	262.4	245.6	227.1	206.3	184.1	161.2	138.1	115.8	93.7
-57.5°	273.4	259.6	244.2	227.6	208.8	188.7	167.9	146.6	125.5	104.6	85.4
-60°	254.2	239.8	224.9	207.6	189.3	170.7	151.4	131.8	112.6	93.5	76.9
-62.5°	233.0	218.9	202.6	186.2	169.6	152.5	134.7	117.2	99.5	83.3	68.1
-65°	209.0	194.4	179.4	165.0	149.9	134.1	118.4	102.4	87.1	72.8	59.6
-67.5°	182.8	169.8	157.1	143.9	129.8	115.7	101.6	87.9	74.7	62.0	52.3
-70°	156.1	145.1	134.0	121.8	109.4	97.1	85.4	73.5	62.0	53.6	44.8
-72.5°	129.5	120.0	109.9	99.4	89.6	79.4	69.1	59.7	52.6	45.2	37.3
-75°	103.2	95.0	87.0	78.9	70.3	61.8	55.5	49.6	43.3	36.7	30.9
-77.5°	76.8	70.5	64.4	59.1	53.6	48.5	43.8	39.4	34.2	29.4	24.8
-80°	52.9	49.3	45.6	41.8	38.2	34.9	32.6	29.8	26.0	22.2	18.6
-82.5°	32.1	30.6	29.2	27.7	26.3	24.7	22.7	20.4	17.6	14.9	13.0
-85°	20.3	19.4	18.3	17.1	15.8	14.4	13.3	12.2	11.0	9.8	8.7
-87.5°	9.7	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
-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: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-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°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
85°	7.5	6.4	5.3	4.1	2.9	1.4	0.0
82.5°	11.2	9.7	8.0	6.2	4.3	2.1	0.0
80°	15.1	12.9	10.7	8.3	5.7	2.8	0.0
77.5°	20.3	16.5	13.3	10.3	7.1	3.5	0.0
75°	25.5	20.8	16.1	12.4	8.5	4.2	0.0
72.5°	30.7	25.2	19.6	14.4	9.9	4.9	0.0
70°	36.0	29.4	23.0	16.5	11.2	5.6	0.0
67.5°	42.5	33.6	26.3	19.0	12.5	6.3	0.0
65°	48.8	38.3	29.7	21.5	13.8	6.9	0.0
62.5°	55.0	43.4	32.9	23.9	15.1	7.6	0.0
60°	61.0	48.4	36.1	26.3	16.4	8.2	0.0
57.5°	68.2	53.2	39.9	28.7	17.9	8.8	0.0
55°	75.4	57.9	43.6	30.9	19.4	9.4	0.0
52.5°	82.3	62.6	47.2	33.2	20.9	10.0	0.0
50°	89.0	68.2	50.7	35.3	22.3	10.5	0.0
47.5°	95.7	73.7	54.0	37.5	23.6	11.1	0.0
45°	102.9	78.9	57.2	39.9	24.9	11.6	0.0
42.5°	109.8	83.8	60.3	42.1	26.2	12.1	0.0
40°	116.4	88.6	63.6	44.3	27.3	12.6	0.0
37.5°	122.6	93.1	67.2	46.3	28.5	13.0	0.0
35°	128.4	97.8	70.6	48.1	29.5	13.4	0.0
32.5°	134.0	102.3	73.8	49.8	30.5	13.8	0.0
30°	139.6	106.6	76.8	51.4	31.5	14.2	0.0
27.5°	144.7	110.5	79.5	52.9	32.3	14.5	0.0
25°	149.4	114.1	82.0	54.2	33.1	14.9	0.0
22.5°	153.7	117.3	84.3	55.3	33.9	15.2	0.0
20°	157.6	120.3	86.4	56.4	34.5	15.4	0.0
17.5°	161.0	122.9	88.3	57.3	35.1	15.6	0.0
15°	164.1	125.2	89.9	58.0	35.6	15.8	0.0
12.5°	166.7	127.1	91.3	58.6	36.0	16.0	0.0
10°	168.9	128.7	92.5	59.1	36.4	16.2	0.0
7.5°	170.5	130.0	93.4	59.4	36.6	16.3	0.0
5°	171.7	130.9	94.1	59.6	36.8	16.3	0.0
2.5°	172.5	131.4	94.5	59.7	37.0	16.4	0.0
0°	172.7	131.6	94.6	59.6	37.0	16.4	0.0
-2.5°	172.5	131.4	94.5	59.7	37.0	16.4	0.0
-5°	171.7	130.9	94.1	59.6	36.8	16.3	0.0
-7.5°	170.5	130.0	93.4	59.4	36.6	16.3	0.0
-10°	168.9	128.7	92.5	59.1	36.4	16.2	0.0
-12.5°	166.7	127.1	91.3	58.6	36.0	16.0	0.0
-15°	164.1	125.2	89.9	58.0	35.6	15.8	0.0
-17.5°	161.0	122.9	88.3	57.3	35.1	15.6	0.0
-20°	157.6	120.3	86.4	56.4	34.5	15.4	0.0



REPORT NUMBER: P558984 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	153.7	117.3	84.3	55.3	33.9	15.2	0.0
-25°	149.4	114.1	82.0	54.2	33.1	14.9	0.0
-27.5°	144.7	110.5	79.5	52.9	32.3	14.5	0.0
-30°	139.6	106.6	76.8	51.4	31.5	14.2	0.0
-32.5°	134.0	102.3	73.8	49.8	30.5	13.8	0.0
-35°	128.4	97.8	70.6	48.1	29.5	13.4	0.0
-37.5°	122.6	93.1	67.2	46.3	28.5	13.0	0.0
-40°	116.4	88.6	63.6	44.3	27.3	12.6	0.0
-42.5°	109.8	83.8	60.3	42.1	26.2	12.1	0.0
-45°	102.9	78.9	57.2	39.9	24.9	11.6	0.0
-47.5°	95.7	73.7	54.0	37.5	23.6	11.1	0.0
-50°	89.0	68.2	50.7	35.3	22.3	10.5	0.0
-52.5°	82.3	62.6	47.2	33.2	20.9	10.0	0.0
-55°	75.4	57.9	43.6	30.9	19.4	9.4	0.0
-57.5°	68.2	53.2	39.9	28.7	17.9	8.8	0.0
-60°	61.0	48.4	36.1	26.3	16.4	8.2	0.0
-62.5°	55.0	43.4	32.9	23.9	15.1	7.6	0.0
-65°	48.8	38.3	29.7	21.5	13.8	6.9	0.0
-67.5°	42.5	33.6	26.3	19.0	12.5	6.3	0.0
-70°	36.0	29.4	23.0	16.5	11.2	5.6	0.0
-72.5°	30.7	25.2	19.6	14.4	9.9	4.9	0.0
-75°	25.5	20.8	16.1	12.4	8.5	4.2	0.0
-77.5°	20.3	16.5	13.3	10.3	7.1	3.5	0.0
-80°	15.1	12.9	10.7	8.3	5.7	2.8	0.0
-82.5°	11.2	9.7	8.0	6.2	4.3	2.1	0.0
-85°	7.5	6.4	5.3	4.1	2.9	1.4	0.0
-87.5°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)