

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: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558948 (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-SA4D-930-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

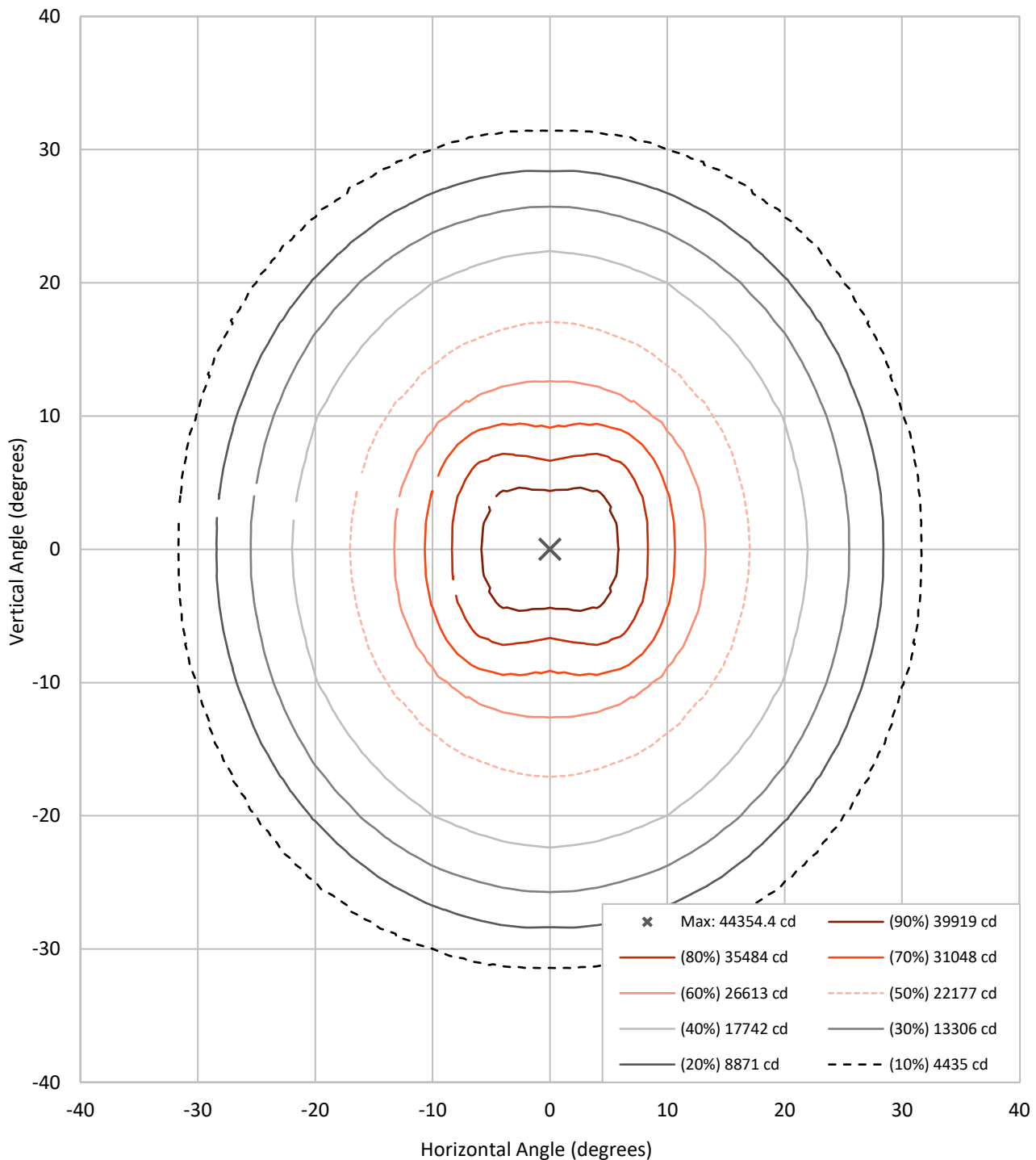
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19621.2 lumens	Max Intensity:	44354.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	8357.4 lumens	Field Lumens:	17080.8 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 217
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: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

Iso-Candela Plot





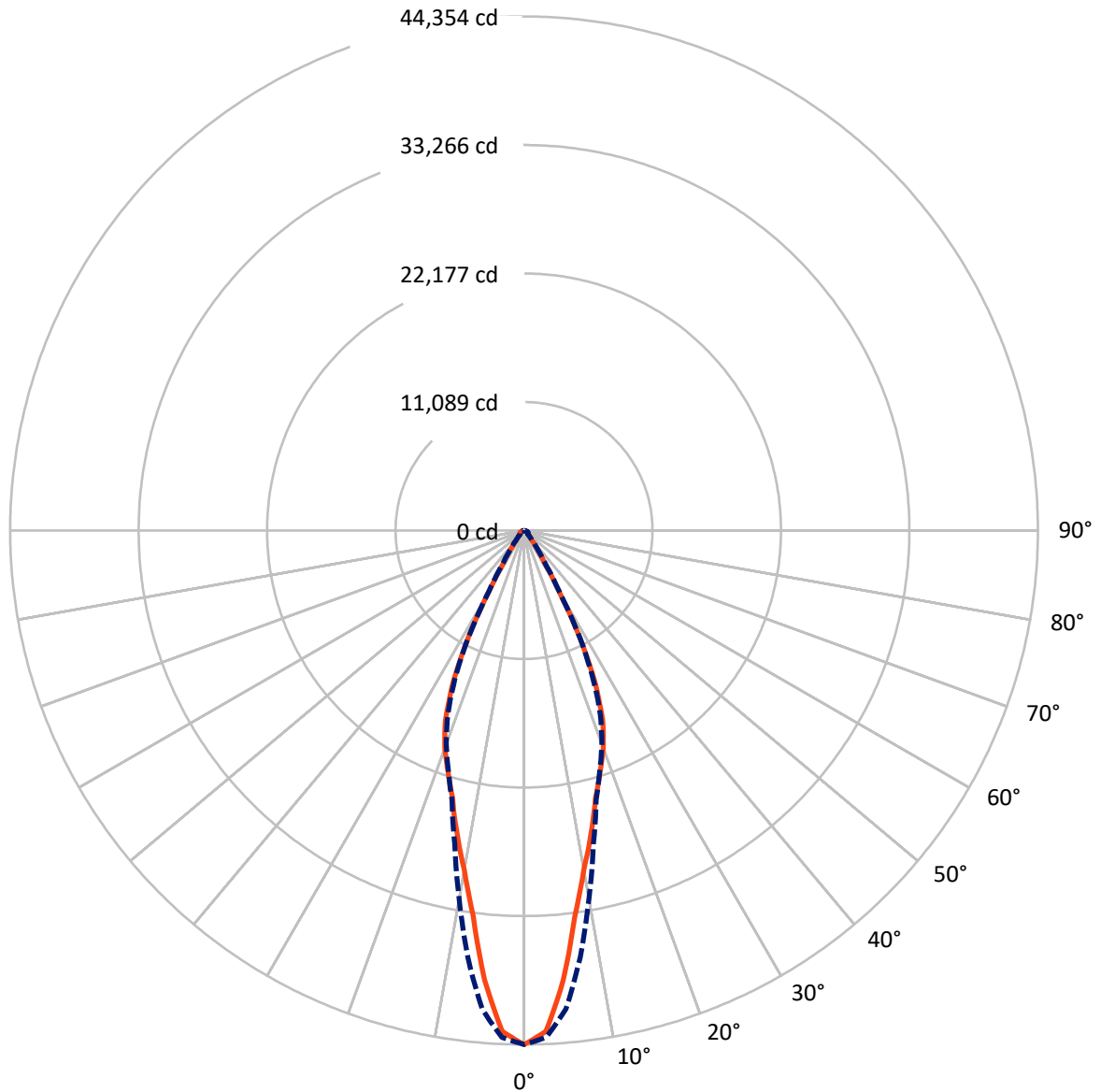
REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

Lumen Table

90	0.3	2.2		6.1		10.0		11.7		10.0		6.1		2.2		0.3			
80	0.3	2.2		6.1		10.0		11.7		10.0		6.1		2.2		0.3			
70	1.0	1.1	2.5	4.3	6.3	8.2	9.6	10.4	10.4	9.6	8.2	6.3	4.3	2.5	1.1	1.0			
60		1.8	4.0	7.0	9.4	10.7	11.3	11.6	11.6	11.3	10.7	9.4	7.0	4.0	1.8				
50	1.9	2.5	5.5	8.4	9.8	12.1	15.5	17.9	17.9	15.5	12.1	9.8	8.4	5.5	2.5	1.9			
40		3.2	6.5	8.4	12.7	25.0	47.5	72.7	72.7	47.5	25.0	12.7	8.4	6.5	3.2				
30	2.5	3.8	6.7	9.4	23.0	76.3	240.1	395.3	395.3	240.1	76.3	23.0	9.4	6.7	3.8	2.5			
20		4.1	6.7	11.6	42.9	226.3	534.8	708.3	708.3	534.8	226.3	42.9	11.6	6.7	4.1				
10	2.8	4.3	6.7	13.4	65.2	356.5	695.5	1097.5	1097.5	695.5	356.5	65.2	13.4	6.7	4.3	2.8			
0		4.3	6.7	13.4	65.2	356.5	695.5	1097.5	1097.5	695.5	356.5	65.2	13.4	6.7	4.3				
-10	2.5	4.1	6.7	11.6	42.9	226.3	534.8	708.3	708.3	534.8	226.3	42.9	11.6	6.7	4.1	2.5			
-20		3.8	6.7	9.4	23.0	76.3	240.1	395.3	395.3	240.1	76.3	23.0	9.4	6.7	3.8				
-30	1.9	3.2	6.5	8.4	12.7	25.0	47.5	72.7	72.7	47.5	25.0	12.7	8.4	6.5	3.2	1.9			
-40		2.5	5.5	8.4	9.8	12.1	15.5	17.9	17.9	15.5	12.1	9.8	8.4	5.5	2.5				
-50	1.0	1.8	4.0	7.0	9.4	10.7	11.3	11.6	11.6	11.3	10.7	9.4	7.0	4.0	1.8	1.0			
-60		1.1	2.5	4.3	6.3	8.2	9.6	10.4	10.4	9.6	8.2	6.3	4.3	2.5	1.1				
-70	0.3	2.2		6.1		10.0		11.7		10.0		6.1		2.2		0.3			
-80		2.2		6.1		10.0		11.7		10.0		6.1		2.2					
-90	0.3	2.2		6.1		10.0		11.7		10.0		6.1		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

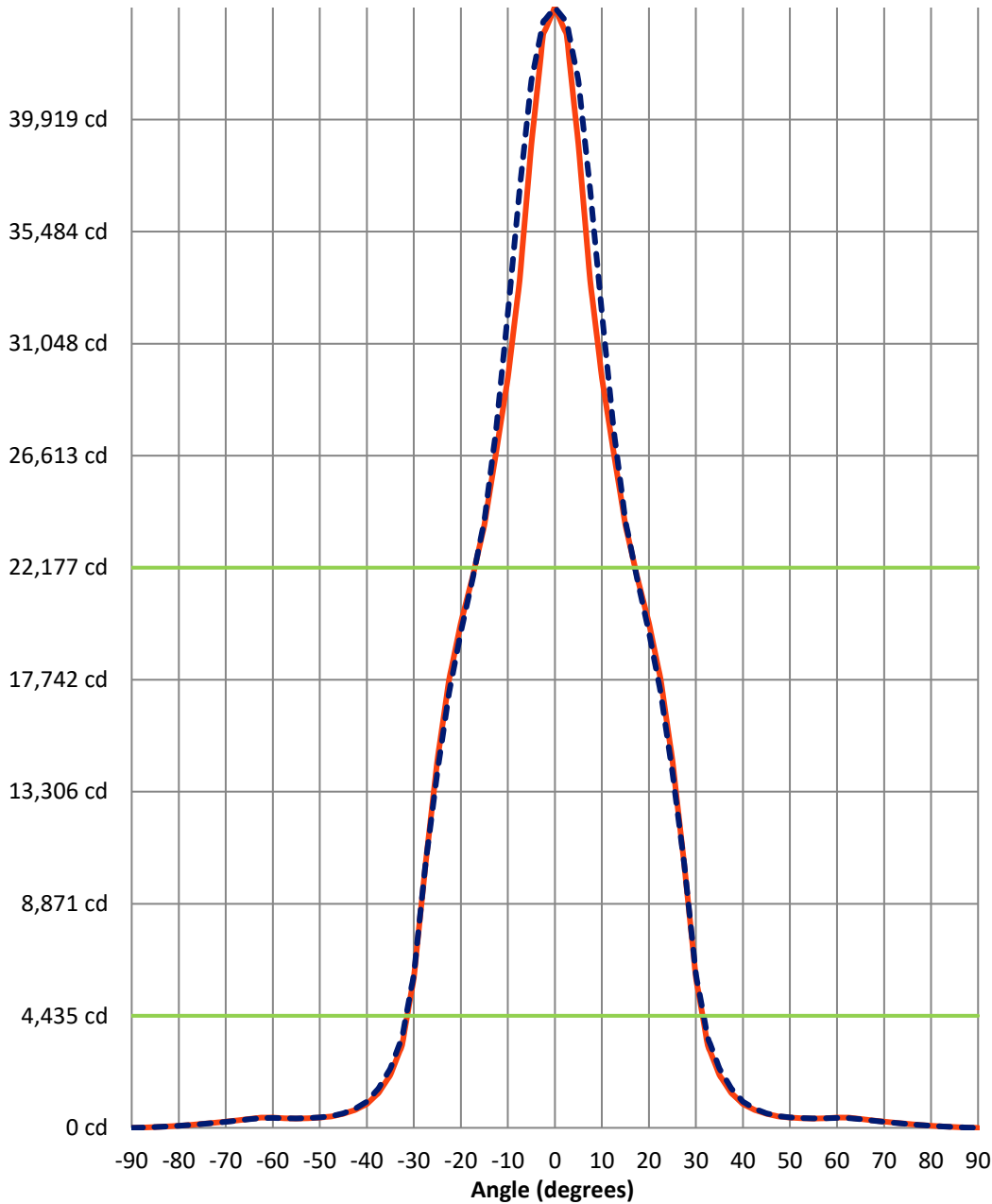
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 8357.4
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 17080.8
Efficiency: 87.1%

Spill:
Lumens: 2540.4
Efficiency: 12.9%

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



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.1	16.3
80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	18.5	21.4	24.2
77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.2	21.3	25.1	28.7	32.4
75°	0.0	2.9	5.8	8.8	11.9	17.0	22.4	27.3	31.8	36.7	41.7
72.5°	0.0	3.4	6.8	10.2	15.2	21.2	27.5	33.3	39.0	44.9	50.9
70°	0.0	3.9	7.7	11.8	18.4	25.3	32.5	39.3	46.0	52.9	61.8
67.5°	0.0	4.3	8.6	14.1	21.6	29.4	37.6	45.2	52.9	63.1	73.1
65°	0.0	4.8	9.5	16.4	24.7	33.5	42.6	51.0	61.8	73.1	85.0
62.5°	0.0	5.2	10.4	18.6	27.7	37.8	47.6	58.1	70.6	83.4	98.8
60°	0.0	5.6	11.3	20.8	30.7	42.0	52.5	65.6	79.2	95.6	112.3
57.5°	0.0	6.1	12.7	22.9	34.0	46.2	58.7	73.0	89.3	107.5	126.2
55°	0.0	6.5	14.1	24.9	37.4	50.3	64.9	80.2	99.7	119.3	139.9
52.5°	0.0	6.9	15.5	26.9	40.6	54.5	70.9	88.8	109.7	131.0	153.0
50°	0.0	7.3	16.8	28.8	43.8	59.3	76.8	97.3	119.5	142.2	166.8
47.5°	0.0	7.6	18.1	30.8	46.9	64.0	82.6	105.4	128.9	152.9	180.5
45°	0.0	8.0	19.3	33.0	50.0	68.6	89.2	113.1	138.0	164.9	193.8
42.5°	0.0	8.3	20.5	35.2	52.9	72.9	95.4	120.6	146.7	176.6	207.5
40°	0.0	8.7	21.6	37.4	55.9	77.1	101.3	127.9	155.6	187.8	220.8
37.5°	0.0	9.0	22.8	39.4	59.1	81.0	106.8	134.9	165.1	198.7	233.4
35°	0.0	9.3	23.8	41.3	62.1	85.2	112.0	141.6	174.1	209.3	245.6
32.5°	0.0	9.5	24.8	43.0	64.9	89.2	117.0	147.9	182.5	219.2	257.2
30°	0.0	9.8	25.7	44.6	67.6	93.0	122.0	154.0	190.2	228.5	268.1
27.5°	0.0	10.0	26.6	46.1	69.8	96.5	126.7	160.3	197.6	237.2	278.2
25°	0.0	10.2	27.5	47.4	71.9	99.6	131.0	166.1	204.6	245.4	287.6
22.5°	0.0	10.4	28.2	48.5	73.7	102.4	134.9	171.3	211.0	252.9	297.0
20°	0.0	10.6	28.9	49.6	75.3	104.8	138.5	175.9	216.7	259.8	305.3
17.5°	0.0	10.8	29.6	50.4	76.8	106.8	141.7	180.0	221.8	265.8	312.6
15°	0.0	10.9	30.1	51.2	78.0	108.6	144.5	183.6	226.2	271.0	318.9
12.5°	0.0	11.0	30.6	51.8	79.0	110.1	146.8	186.7	229.9	275.4	324.2
10°	0.0	11.1	31.0	52.2	79.8	111.3	148.8	189.3	232.8	279.5	328.9
7.5°	0.0	11.2	31.4	52.5	80.4	112.1	150.4	191.2	234.9	282.8	333.8
5°	0.0	11.3	31.7	52.7	80.8	112.7	151.5	192.7	236.4	285.3	337.6
2.5°	0.0	11.3	31.9	52.8	81.0	113.0	152.2	193.5	237.1	287.1	340.5
0°	0.0	11.3	32.0	52.7	80.9	112.9	152.4	193.8	237.1	287.9	342.4
-2.5°	0.0	11.3	31.9	52.8	81.0	113.0	152.2	193.5	237.1	287.1	340.5
-5°	0.0	11.3	31.7	52.7	80.8	112.7	151.5	192.7	236.4	285.3	337.6
-7.5°	0.0	11.2	31.4	52.5	80.4	112.1	150.4	191.2	234.9	282.8	333.8
-10°	0.0	11.1	31.0	52.2	79.8	111.3	148.8	189.3	232.8	279.5	328.9
-12.5°	0.0	11.0	30.6	51.8	79.0	110.1	146.8	186.7	229.9	275.4	324.2
-15°	0.0	10.9	30.1	51.2	78.0	108.6	144.5	183.6	226.2	271.0	318.9
-17.5°	0.0	10.8	29.6	50.4	76.8	106.8	141.7	180.0	221.8	265.8	312.6
-20°	0.0	10.6	28.9	49.6	75.3	104.8	138.5	175.9	216.7	259.8	305.3



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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	10.4	28.2	48.5	73.7	102.4	134.9	171.3	211.0	252.9	297.0
-25°	0.0	10.2	27.5	47.4	71.9	99.6	131.0	166.1	204.6	245.4	287.6
-27.5°	0.0	10.0	26.6	46.1	69.8	96.5	126.7	160.3	197.6	237.2	278.2
-30°	0.0	9.8	25.7	44.6	67.6	93.0	122.0	154.0	190.2	228.5	268.1
-32.5°	0.0	9.5	24.8	43.0	64.9	89.2	117.0	147.9	182.5	219.2	257.2
-35°	0.0	9.3	23.8	41.3	62.1	85.2	112.0	141.6	174.1	209.3	245.6
-37.5°	0.0	9.0	22.8	39.4	59.1	81.0	106.8	134.9	165.1	198.7	233.4
-40°	0.0	8.7	21.6	37.4	55.9	77.1	101.3	127.9	155.6	187.8	220.8
-42.5°	0.0	8.3	20.5	35.2	52.9	72.9	95.4	120.6	146.7	176.6	207.5
-45°	0.0	8.0	19.3	33.0	50.0	68.6	89.2	113.1	138.0	164.9	193.8
-47.5°	0.0	7.6	18.1	30.8	46.9	64.0	82.6	105.4	128.9	152.9	180.5
-50°	0.0	7.3	16.8	28.8	43.8	59.3	76.8	97.3	119.5	142.2	166.8
-52.5°	0.0	6.9	15.5	26.9	40.6	54.5	70.9	88.8	109.7	131.0	153.0
-55°	0.0	6.5	14.1	24.9	37.4	50.3	64.9	80.2	99.7	119.3	139.9
-57.5°	0.0	6.1	12.7	22.9	34.0	46.2	58.7	73.0	89.3	107.5	126.2
-60°	0.0	5.6	11.3	20.8	30.7	42.0	52.5	65.6	79.2	95.6	112.3
-62.5°	0.0	5.2	10.4	18.6	27.7	37.8	47.6	58.1	70.6	83.4	98.8
-65°	0.0	4.8	9.5	16.4	24.7	33.5	42.6	51.0	61.8	73.1	85.0
-67.5°	0.0	4.3	8.6	14.1	21.6	29.4	37.6	45.2	52.9	63.1	73.1
-70°	0.0	3.9	7.7	11.8	18.4	25.3	32.5	39.3	46.0	52.9	61.8
-72.5°	0.0	3.4	6.8	10.2	15.2	21.2	27.5	33.3	39.0	44.9	50.9
-75°	0.0	2.9	5.8	8.8	11.9	17.0	22.4	27.3	31.8	36.7	41.7
-77.5°	0.0	2.4	4.9	7.3	9.7	12.8	17.2	21.3	25.1	28.7	32.4
-80°	0.0	2.0	3.9	5.9	7.8	9.7	11.9	15.3	18.5	21.4	24.2
-82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.8	14.1	16.3
-85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
85°	10.4	11.3	12.7	14.0	15.3	16.4	17.4	18.3	19.3	20.3	21.2
82.5°	18.5	20.6	22.7	24.8	26.4	27.9	29.3	31.4	33.7	36.0	38.2
80°	27.1	30.0	33.5	37.1	40.3	43.5	46.7	49.9	53.1	56.4	59.7
77.5°	36.9	41.5	46.1	50.9	55.5	60.7	66.0	71.2	75.8	80.0	83.9
75°	47.2	52.9	59.8	66.8	73.6	80.2	86.9	94.1	100.6	106.3	111.8
72.5°	58.4	66.7	75.0	83.4	92.7	101.7	110.4	118.8	126.6	133.7	140.9
70°	70.9	80.5	91.6	102.8	113.7	124.0	134.0	143.5	152.5	161.9	172.0
67.5°	83.7	96.8	109.6	122.3	135.1	146.7	157.8	170.0	182.1	194.0	205.4
65°	98.9	113.3	128.1	142.7	156.6	170.8	184.9	198.8	213.1	226.6	239.2
62.5°	113.9	130.7	147.2	163.3	179.7	195.8	212.4	228.8	244.6	261.0	276.8
60°	129.9	148.3	166.3	184.4	202.9	222.1	240.6	259.8	279.1	297.7	315.6
57.5°	145.8	165.6	185.3	205.9	227.4	248.7	270.5	292.0	314.2	335.3	353.7
55°	161.2	182.6	204.8	228.3	252.0	276.3	300.7	325.8	349.6	367.4	384.1
52.5°	176.7	199.7	225.1	250.7	277.0	304.3	332.7	356.9	376.8	392.0	395.7
50°	191.9	218.2	245.1	273.2	302.3	333.2	360.3	382.2	393.4	397.7	395.4
47.5°	207.9	236.2	265.1	295.4	327.9	357.4	383.1	394.2	399.5	393.7	386.6
45°	223.8	254.1	284.7	317.9	350.4	378.4	392.7	400.7	393.6	386.7	381.7
42.5°	239.1	271.5	305.0	339.3	369.5	389.2	398.3	393.8	387.7	382.3	384.1
40°	254.3	288.3	324.9	357.2	384.4	394.5	392.9	387.4	383.7	386.1	393.7
37.5°	268.9	305.9	343.3	374.5	389.2	393.3	386.6	382.9	385.6	394.5	411.4
35°	282.7	322.8	358.4	384.5	394.4	387.5	382.6	382.1	392.1	410.2	435.4
32.5°	296.7	338.9	372.6	389.0	390.6	382.9	379.3	387.9	403.7	427.6	469.9
30°	310.3	351.3	383.0	393.0	386.1	380.2	382.3	394.7	416.3	455.9	524.4
27.5°	322.7	362.5	386.4	391.1	382.3	377.4	386.7	405.4	436.8	489.6	587.4
25°	334.1	372.6	389.3	387.5	379.7	379.2	391.8	415.0	458.2	543.7	677.7
22.5°	343.4	382.0	392.1	384.2	377.2	382.2	399.9	432.0	489.9	594.7	771.9
20°	351.1	384.3	391.6	381.0	374.7	384.7	407.1	448.8	532.5	674.5	877.9
17.5°	357.9	386.3	389.0	378.9	376.2	388.6	414.7	463.7	570.4	743.0	979.8
15°	364.0	388.1	386.4	377.1	378.0	393.9	426.9	491.9	615.8	807.6	1071.3
12.5°	369.3	389.7	384.1	375.6	379.3	398.3	437.3	517.5	660.7	877.7	1218.0
10°	373.8	390.9	381.9	374.3	380.3	401.9	445.7	537.8	695.2	937.2	1341.1
7.5°	377.8	392.0	380.1	373.3	380.7	404.4	452.2	552.7	719.8	984.9	1433.2
5°	380.8	392.7	379.0	372.8	382.1	407.3	456.9	562.3	734.8	1019.7	1494.8
2.5°	382.8	393.1	378.4	372.6	384.0	411.1	460.9	570.5	748.1	1036.9	1538.6
0°	383.8	393.2	378.2	372.5	385.7	413.9	462.8	573.8	754.4	1036.7	1565.3
-2.5°	382.8	393.1	378.4	372.6	384.0	411.1	460.9	570.5	748.1	1036.9	1538.6
-5°	380.8	392.7	379.0	372.8	382.1	407.3	456.9	562.3	734.8	1019.7	1494.8
-7.5°	377.8	392.0	380.1	373.3	380.7	404.4	452.2	552.7	719.8	984.9	1433.2
-10°	373.8	390.9	381.9	374.3	380.3	401.9	445.7	537.8	695.2	937.2	1341.1
-12.5°	369.3	389.7	384.1	375.6	379.3	398.3	437.3	517.5	660.7	877.7	1218.0
-15°	364.0	388.1	386.4	377.1	378.0	393.9	426.9	491.9	615.8	807.6	1071.3
-17.5°	357.9	386.3	389.0	378.9	376.2	388.6	414.7	463.7	570.4	743.0	979.8
-20°	351.1	384.3	391.6	381.0	374.7	384.7	407.1	448.8	532.5	674.5	877.9



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	343.4	382.0	392.1	384.2	377.2	382.2	399.9	432.0	489.9	594.7	771.9
-25°	334.1	372.6	389.3	387.5	379.7	379.2	391.8	415.0	458.2	543.7	677.7
-27.5°	322.7	362.5	386.4	391.1	382.3	377.4	386.7	405.4	436.8	489.6	587.4
-30°	310.3	351.3	383.0	393.0	386.1	380.2	382.3	394.7	416.3	455.9	524.4
-32.5°	296.7	338.9	372.6	389.0	390.6	382.9	379.3	387.9	403.7	427.6	469.9
-35°	282.7	322.8	358.4	384.5	394.4	387.5	382.6	382.1	392.1	410.2	435.4
-37.5°	268.9	305.9	343.3	374.5	389.2	393.3	386.6	382.9	385.6	394.5	411.4
-40°	254.3	288.3	324.9	357.2	384.4	394.5	392.9	387.4	383.7	386.1	393.7
-42.5°	239.1	271.5	305.0	339.3	369.5	389.2	398.3	393.8	387.7	382.3	384.1
-45°	223.8	254.1	284.7	317.9	350.4	378.4	392.7	400.7	393.6	386.7	381.7
-47.5°	207.9	236.2	265.1	295.4	327.9	357.4	383.1	394.2	399.5	393.7	386.6
-50°	191.9	218.2	245.1	273.2	302.3	333.2	360.3	382.2	393.4	397.7	395.4
-52.5°	176.7	199.7	225.1	250.7	277.0	304.3	332.7	356.9	376.8	392.0	395.7
-55°	161.2	182.6	204.8	228.3	252.0	276.3	300.7	325.8	349.6	367.4	384.1
-57.5°	145.8	165.6	185.3	205.9	227.4	248.7	270.5	292.0	314.2	335.3	353.7
-60°	129.9	148.3	166.3	184.4	202.9	222.1	240.6	259.8	279.1	297.7	315.6
-62.5°	113.9	130.7	147.2	163.3	179.7	195.8	212.4	228.8	244.6	261.0	276.8
-65°	98.9	113.3	128.1	142.7	156.6	170.8	184.9	198.8	213.1	226.6	239.2
-67.5°	83.7	96.8	109.6	122.3	135.1	146.7	157.8	170.0	182.1	194.0	205.4
-70°	70.9	80.5	91.6	102.8	113.7	124.0	134.0	143.5	152.5	161.9	172.0
-72.5°	58.4	66.7	75.0	83.4	92.7	101.7	110.4	118.8	126.6	133.7	140.9
-75°	47.2	52.9	59.8	66.8	73.6	80.2	86.9	94.1	100.6	106.3	111.8
-77.5°	36.9	41.5	46.1	50.9	55.5	60.7	66.0	71.2	75.8	80.0	83.9
-80°	27.1	30.0	33.5	37.1	40.3	43.5	46.7	49.9	53.1	56.4	59.7
-82.5°	18.5	20.6	22.7	24.8	26.4	27.9	29.3	31.4	33.7	36.0	38.2
-85°	10.4	11.3	12.7	14.0	15.3	16.4	17.4	18.3	19.3	20.3	21.2
-87.5°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	9.3	9.1	9.0	8.8	8.5	8.7	8.8	9.0	9.1	9.6	10.2
85°	22.1	23.1	24.1	25.1	26.2	26.9	27.6	28.2	28.7	29.1	29.5
82.5°	40.2	42.3	44.3	46.1	47.7	49.0	50.1	51.2	52.1	52.8	53.5
80°	62.8	65.5	68.0	70.2	72.2	73.8	75.3	76.4	77.3	79.2	81.0
77.5°	87.8	91.7	95.3	98.6	101.6	104.6	107.3	109.8	112.0	113.7	114.9
75°	116.9	121.8	126.8	131.3	135.5	139.8	143.9	147.7	151.2	153.5	155.2
72.5°	148.1	154.8	160.8	166.6	171.8	177.0	182.2	186.9	191.0	194.2	196.7
70°	181.6	190.2	197.3	203.8	210.3	216.9	223.3	228.8	233.6	237.6	240.8
67.5°	216.2	226.2	235.0	243.6	252.3	260.4	268.1	275.3	281.8	286.9	290.2
65°	251.7	264.4	276.1	286.7	296.3	305.4	315.0	323.9	332.0	338.5	343.7
62.5°	291.7	306.1	319.3	331.2	341.9	350.4	359.6	367.9	375.4	382.4	389.3
60°	332.6	348.7	360.3	370.4	379.7	387.9	391.0	394.1	396.6	398.8	401.6
57.5°	368.3	382.1	392.1	394.4	396.5	398.3	397.1	393.9	390.5	387.2	384.5
55°	393.2	397.2	401.6	398.2	392.7	387.5	383.0	379.8	376.9	374.2	372.0
52.5°	399.9	396.1	391.5	386.4	382.6	378.6	374.7	375.4	376.6	377.5	378.0
50°	390.2	385.7	383.2	380.3	380.8	382.8	384.4	388.1	392.7	396.0	398.8
47.5°	382.7	379.7	383.5	388.2	392.7	400.8	408.0	415.0	425.9	434.6	441.5
45°	380.6	387.7	395.1	406.8	417.1	434.8	451.6	465.5	491.5	515.3	534.0
42.5°	391.3	403.6	417.0	439.7	464.2	495.7	536.1	570.2	610.3	647.6	674.6
40°	409.1	427.1	457.3	493.8	551.2	602.1	669.0	726.3	780.1	837.0	879.9
37.5°	434.6	468.3	524.7	590.4	677.4	760.8	853.1	942.7	1019.0	1134.5	1224.8
35°	472.5	540.8	620.7	730.5	844.1	972.1	1107.0	1280.8	1433.8	1613.4	1782.2
32.5°	541.6	634.0	759.3	907.9	1058.9	1279.7	1488.0	1770.4	2024.2	2340.9	2681.5
30°	622.5	760.2	928.8	1122.7	1396.0	1699.9	2042.4	2475.6	2990.2	3603.0	4425.4
27.5°	733.9	910.8	1122.8	1437.2	1824.9	2232.0	2839.5	3567.5	4894.4	6050.6	7583.2
25°	853.9	1070.0	1405.2	1827.7	2337.8	3071.0	4258.6	5773.6	7919.5	9971.4	11611.8
22.5°	992.2	1307.9	1731.0	2256.8	3082.5	4502.1	6346.0	9014.0	11406.9	13476.4	15070.3
20°	1145.4	1541.3	2110.0	2913.4	4319.6	6398.8	9358.7	12096.9	14540.9	16322.5	17730.7
17.5°	1343.7	1861.0	2582.5	3691.2	5849.4	9053.3	12104.8	14811.2	16937.7	18502.9	19751.4
15°	1528.9	2155.2	3090.3	4982.0	7927.7	11351.9	14479.8	16894.1	18734.3	20190.8	21313.2
12.5°	1747.5	2485.8	3683.8	6097.0	9838.7	13248.4	16166.0	18420.5	20192.6	21557.9	23062.2
10°	1942.2	2841.3	4534.3	7583.0	11408.1	14738.8	17572.1	19598.2	21375.2	23154.4	25410.0
7.5°	2102.9	3139.8	5231.7	8836.7	12612.9	15841.3	18422.5	20446.9	22405.3	24781.5	28035.0
5°	2230.6	3364.8	5805.5	9783.3	13488.8	16628.1	19071.9	21123.9	23336.0	26514.8	30880.9
2.5°	2315.9	3512.3	6164.2	10355.1	14041.4	17079.4	19553.3	21566.7	23886.0	27485.1	32046.7
0°	2349.9	3580.3	6073.2	10458.8	14074.9	17226.3	19625.1	21732.3	24042.6	27647.4	32260.7
-2.5°	2315.9	3512.3	6164.2	10355.1	14041.4	17079.4	19553.3	21566.7	23886.0	27485.1	32046.7
-5°	2230.6	3364.8	5805.5	9783.3	13488.8	16628.1	19071.9	21123.9	23336.0	26514.8	30880.9
-7.5°	2102.9	3139.8	5231.7	8836.7	12612.9	15841.3	18422.5	20446.9	22405.3	24781.5	28035.0
-10°	1942.2	2841.3	4534.3	7583.0	11408.1	14738.8	17572.1	19598.2	21375.2	23154.4	25410.0
-12.5°	1747.5	2485.8	3683.8	6097.0	9838.7	13248.4	16166.0	18420.5	20192.6	21557.9	23062.2
-15°	1528.9	2155.2	3090.3	4982.0	7927.7	11351.9	14479.8	16894.1	18734.3	20190.8	21313.2
-17.5°	1343.7	1861.0	2582.5	3691.2	5849.4	9053.3	12104.8	14811.2	16937.7	18502.9	19751.4
-20°	1145.4	1541.3	2110.0	2913.4	4319.6	6398.8	9358.7	12096.9	14540.9	16322.5	17730.7



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	992.2	1307.9	1731.0	2256.8	3082.5	4502.1	6346.0	9014.0	11406.9	13476.4	15070.3
-25°	853.9	1070.0	1405.2	1827.7	2337.8	3071.0	4258.6	5773.6	7919.5	9971.4	11611.8
-27.5°	733.9	910.8	1122.8	1437.2	1824.9	2232.0	2839.5	3567.5	4894.4	6050.6	7583.2
-30°	622.5	760.2	928.8	1122.7	1396.0	1699.9	2042.4	2475.6	2990.2	3603.0	4425.4
-32.5°	541.6	634.0	759.3	907.9	1058.9	1279.7	1488.0	1770.4	2024.2	2340.9	2681.5
-35°	472.5	540.8	620.7	730.5	844.1	972.1	1107.0	1280.8	1433.8	1613.4	1782.2
-37.5°	434.6	468.3	524.7	590.4	677.4	760.8	853.1	942.7	1019.0	1134.5	1224.8
-40°	409.1	427.1	457.3	493.8	551.2	602.1	669.0	726.3	780.1	837.0	879.9
-42.5°	391.3	403.6	417.0	439.7	464.2	495.7	536.1	570.2	610.3	647.6	674.6
-45°	380.6	387.7	395.1	406.8	417.1	434.8	451.6	465.5	491.5	515.3	534.0
-47.5°	382.7	379.7	383.5	388.2	392.7	400.8	408.0	415.0	425.9	434.6	441.5
-50°	390.2	385.7	383.2	380.3	380.8	382.8	384.4	388.1	392.7	396.0	398.8
-52.5°	399.9	396.1	391.5	386.4	382.6	378.6	374.7	375.4	376.6	377.5	378.0
-55°	393.2	397.2	401.6	398.2	392.7	387.5	383.0	379.8	376.9	374.2	372.0
-57.5°	368.3	382.1	392.1	394.4	396.5	398.3	397.1	393.9	390.5	387.2	384.5
-60°	332.6	348.7	360.3	370.4	379.7	387.9	391.0	394.1	396.6	398.8	401.6
-62.5°	291.7	306.1	319.3	331.2	341.9	350.4	359.6	367.9	375.4	382.4	389.3
-65°	251.7	264.4	276.1	286.7	296.3	305.4	315.0	323.9	332.0	338.5	343.7
-67.5°	216.2	226.2	235.0	243.6	252.3	260.4	268.1	275.3	281.8	286.9	290.2
-70°	181.6	190.2	197.3	203.8	210.3	216.9	223.3	228.8	233.6	237.6	240.8
-72.5°	148.1	154.8	160.8	166.6	171.8	177.0	182.2	186.9	191.0	194.2	196.7
-75°	116.9	121.8	126.8	131.3	135.5	139.8	143.9	147.7	151.2	153.5	155.2
-77.5°	87.8	91.7	95.3	98.6	101.6	104.6	107.3	109.8	112.0	113.7	114.9
-80°	62.8	65.5	68.0	70.2	72.2	73.8	75.3	76.4	77.3	79.2	81.0
-82.5°	40.2	42.3	44.3	46.1	47.7	49.0	50.1	51.2	52.1	52.8	53.5
-85°	22.1	23.1	24.1	25.1	26.2	26.9	27.6	28.2	28.7	29.1	29.5
-87.5°	9.3	9.1	9.0	8.8	8.5	8.7	8.8	9.0	9.1	9.6	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: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	10.7	11.3	11.3	11.3	11.3	11.3	10.7	10.2	9.6	9.1	9.0
85°	29.8	30.0	31.0	32.0	31.0	30.0	29.8	29.5	29.1	28.7	28.2
82.5°	54.0	54.3	54.5	54.6	54.5	54.3	54.0	53.5	52.8	52.1	51.2
80°	82.7	84.2	83.7	82.8	83.7	84.2	82.7	81.0	79.2	77.3	76.4
77.5°	115.7	116.0	115.6	114.8	115.6	116.0	115.7	114.9	113.7	112.0	109.8
75°	156.4	157.1	157.8	158.0	157.8	157.1	156.4	155.2	153.5	151.2	147.7
72.5°	198.7	200.1	200.1	199.4	200.1	200.1	198.7	196.7	194.2	191.0	186.9
70°	243.3	245.1	246.1	246.5	246.1	245.1	243.3	240.8	237.6	233.6	228.8
67.5°	292.5	293.8	295.0	295.4	295.0	293.8	292.5	290.2	286.9	281.8	275.3
65°	347.9	351.2	352.3	351.8	352.3	351.2	347.9	343.7	338.5	332.0	323.9
62.5°	395.8	401.5	403.9	404.5	403.9	401.5	395.8	389.3	382.4	375.4	367.9
60°	403.9	405.8	406.4	406.4	406.4	405.8	403.9	401.6	398.8	396.6	394.1
57.5°	382.1	379.9	378.6	378.2	378.6	379.9	382.1	384.5	387.2	390.5	393.9
55°	369.9	368.0	367.1	366.9	367.1	368.0	369.9	372.0	374.2	376.9	379.8
52.5°	378.1	377.9	378.7	380.0	378.7	377.9	378.1	378.0	377.5	376.6	375.4
50°	401.2	402.9	404.7	406.4	404.7	402.9	401.2	398.8	396.0	392.7	388.1
47.5°	446.5	449.0	450.6	451.5	450.6	449.0	446.5	441.5	434.6	425.9	415.0
45°	546.2	552.8	555.9	556.9	555.9	552.8	546.2	534.0	515.3	491.5	465.5
42.5°	692.5	702.4	706.6	707.4	706.6	702.4	692.5	674.6	647.6	610.3	570.2
40°	910.6	928.1	936.6	942.6	936.6	928.1	910.6	879.9	837.0	780.1	726.3
37.5°	1292.5	1336.5	1361.4	1382.8	1361.4	1336.5	1292.5	1224.8	1134.5	1019.0	942.7
35°	1919.5	2020.0	2079.3	2092.1	2079.3	2020.0	1919.5	1782.2	1613.4	1433.8	1280.8
32.5°	2943.7	3141.0	3259.0	3273.7	3259.0	3141.0	2943.7	2681.5	2340.9	2024.2	1770.4
30°	5063.9	5616.7	5995.5	5943.4	5995.5	5616.7	5063.9	4425.4	3603.0	2990.2	2475.6
27.5°	8838.6	9841.1	10492.3	10438.1	10492.3	9841.1	8838.6	7583.2	6050.6	4894.4	3567.5
25°	12872.9	13795.7	14340.4	14541.5	14340.4	13795.7	12872.9	11611.8	9971.4	7919.5	5773.6
22.5°	16167.4	16992.3	17463.5	17745.5	17463.5	16992.3	16167.4	15070.3	13476.4	11406.9	9014.0
20°	18691.6	19407.0	19812.3	19986.3	19812.3	19407.0	18691.6	17730.7	16322.5	14540.9	12096.9
17.5°	20633.5	21232.3	21691.3	21809.4	21691.3	21232.3	20633.5	19751.4	18502.9	16937.7	14811.2
15°	22351.1	23124.8	23665.9	23867.7	23665.9	23124.8	22351.1	21313.2	20190.8	18734.3	16894.1
12.5°	24517.2	25862.4	26577.6	26742.5	26577.6	25862.4	24517.2	23062.2	21557.9	20192.6	18420.5
10°	27718.7	29786.5	30020.9	29700.1	30020.9	29786.5	27718.7	25410.0	23154.4	21375.2	19598.2
7.5°	32381.3	35138.5	34542.4	33549.5	34542.4	35138.5	32381.3	28035.0	24781.5	22405.3	20446.9
5°	35718.1	39546.2	39665.0	38936.0	39665.0	39546.2	35718.1	30880.9	26514.8	23336.0	21123.9
2.5°	37046.4	40987.0	42948.4	43269.8	42948.4	40987.0	37046.4	32046.7	27485.1	23886.0	21566.7
0°	37145.8	41451.4	43776.8	44354.4	43776.8	41451.4	37145.8	32260.7	27647.4	24042.6	21732.3
-2.5°	37046.4	40987.0	42948.4	43269.8	42948.4	40987.0	37046.4	32046.7	27485.1	23886.0	21566.7
-5°	35718.1	39546.2	39665.0	38936.0	39665.0	39546.2	35718.1	30880.9	26514.8	23336.0	21123.9
-7.5°	32381.3	35138.5	34542.4	33549.5	34542.4	35138.5	32381.3	28035.0	24781.5	22405.3	20446.9
-10°	27718.7	29786.5	30020.9	29700.1	30020.9	29786.5	27718.7	25410.0	23154.4	21375.2	19598.2
-12.5°	24517.2	25862.4	26577.6	26742.5	26577.6	25862.4	24517.2	23062.2	21557.9	20192.6	18420.5
-15°	22351.1	23124.8	23665.9	23867.7	23665.9	23124.8	22351.1	21313.2	20190.8	18734.3	16894.1
-17.5°	20633.5	21232.3	21691.3	21809.4	21691.3	21232.3	20633.5	19751.4	18502.9	16937.7	14811.2
-20°	18691.6	19407.0	19812.3	19986.3	19812.3	19407.0	18691.6	17730.7	16322.5	14540.9	12096.9



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	16167.4	16992.3	17463.5	17745.5	17463.5	16992.3	16167.4	15070.3	13476.4	11406.9	9014.0
-25°	12872.9	13795.7	14340.4	14541.5	14340.4	13795.7	12872.9	11611.8	9971.4	7919.5	5773.6
-27.5°	8838.6	9841.1	10492.3	10438.1	10492.3	9841.1	8838.6	7583.2	6050.6	4894.4	3567.5
-30°	5063.9	5616.7	5995.5	5943.4	5995.5	5616.7	5063.9	4425.4	3603.0	2990.2	2475.6
-32.5°	2943.7	3141.0	3259.0	3273.7	3259.0	3141.0	2943.7	2681.5	2340.9	2024.2	1770.4
-35°	1919.5	2020.0	2079.3	2092.1	2079.3	2020.0	1919.5	1782.2	1613.4	1433.8	1280.8
-37.5°	1292.5	1336.5	1361.4	1382.8	1361.4	1336.5	1292.5	1224.8	1134.5	1019.0	942.7
-40°	910.6	928.1	936.6	942.6	936.6	928.1	910.6	879.9	837.0	780.1	726.3
-42.5°	692.5	702.4	706.6	707.4	706.6	702.4	692.5	674.6	647.6	610.3	570.2
-45°	546.2	552.8	555.9	556.9	555.9	552.8	546.2	534.0	515.3	491.5	465.5
-47.5°	446.5	449.0	450.6	451.5	450.6	449.0	446.5	441.5	434.6	425.9	415.0
-50°	401.2	402.9	404.7	406.4	404.7	402.9	401.2	398.8	396.0	392.7	388.1
-52.5°	378.1	377.9	378.7	380.0	378.7	377.9	378.1	378.0	377.5	376.6	375.4
-55°	369.9	368.0	367.1	366.9	367.1	368.0	369.9	372.0	374.2	376.9	379.8
-57.5°	382.1	379.9	378.6	378.2	378.6	379.9	382.1	384.5	387.2	390.5	393.9
-60°	403.9	405.8	406.4	406.4	406.4	405.8	403.9	401.6	398.8	396.6	394.1
-62.5°	395.8	401.5	403.9	404.5	403.9	401.5	395.8	389.3	382.4	375.4	367.9
-65°	347.9	351.2	352.3	351.8	352.3	351.2	347.9	343.7	338.5	332.0	323.9
-67.5°	292.5	293.8	295.0	295.4	295.0	293.8	292.5	290.2	286.9	281.8	275.3
-70°	243.3	245.1	246.1	246.5	246.1	245.1	243.3	240.8	237.6	233.6	228.8
-72.5°	198.7	200.1	200.1	199.4	200.1	200.1	198.7	196.7	194.2	191.0	186.9
-75°	156.4	157.1	157.8	158.0	157.8	157.1	156.4	155.2	153.5	151.2	147.7
-77.5°	115.7	116.0	115.6	114.8	115.6	116.0	115.7	114.9	113.7	112.0	109.8
-80°	82.7	84.2	83.7	82.8	83.7	84.2	82.7	81.0	79.2	77.3	76.4
-82.5°	54.0	54.3	54.5	54.6	54.5	54.3	54.0	53.5	52.8	52.1	51.2
-85°	29.8	30.0	31.0	32.0	31.0	30.0	29.8	29.5	29.1	28.7	28.2
-87.5°	10.7	11.3	11.3	11.3	11.3	11.3	10.7	10.2	9.6	9.1	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	8.8	8.7	8.5	8.8	9.0	9.1	9.3	9.0	8.7	8.3	8.0
85°	27.6	26.9	26.2	25.1	24.1	23.1	22.1	21.2	20.3	19.3	18.3
82.5°	50.1	49.0	47.7	46.1	44.3	42.3	40.2	38.2	36.0	33.7	31.4
80°	75.3	73.8	72.2	70.2	68.0	65.5	62.8	59.7	56.4	53.1	49.9
77.5°	107.3	104.6	101.6	98.6	95.3	91.7	87.8	83.9	80.0	75.8	71.2
75°	143.9	139.8	135.5	131.3	126.8	121.8	116.9	111.8	106.3	100.6	94.1
72.5°	182.2	177.0	171.8	166.6	160.8	154.8	148.1	140.9	133.7	126.6	118.8
70°	223.3	216.9	210.3	203.8	197.3	190.2	181.6	172.0	161.9	152.5	143.5
67.5°	268.1	260.4	252.3	243.6	235.0	226.2	216.2	205.4	194.0	182.1	170.0
65°	315.0	305.4	296.3	286.7	276.1	264.4	251.7	239.2	226.6	213.1	198.8
62.5°	359.6	350.4	341.9	331.2	319.3	306.1	291.7	276.8	261.0	244.6	228.8
60°	391.0	387.9	379.7	370.4	360.3	348.7	332.6	315.6	297.7	279.1	259.8
57.5°	397.1	398.3	396.5	394.4	392.1	382.1	368.3	353.7	335.3	314.2	292.0
55°	383.0	387.5	392.7	398.2	401.6	397.2	393.2	384.1	367.4	349.6	325.8
52.5°	374.7	378.6	382.6	386.4	391.5	396.1	399.9	395.7	392.0	376.8	356.9
50°	384.4	382.8	380.8	380.3	383.2	385.7	390.2	395.4	397.7	393.4	382.2
47.5°	408.0	400.8	392.7	388.2	383.5	379.7	382.7	386.6	393.7	399.5	394.2
45°	451.6	434.8	417.1	406.8	395.1	387.7	380.6	381.7	386.7	393.6	400.7
42.5°	536.1	495.7	464.2	439.7	417.0	403.6	391.3	384.1	382.3	387.7	393.8
40°	669.0	602.1	551.2	493.8	457.3	427.1	409.1	393.7	386.1	383.7	387.4
37.5°	853.1	760.8	677.4	590.4	524.7	468.3	434.6	411.4	394.5	385.6	382.9
35°	1107.0	972.1	844.1	730.5	620.7	540.8	472.5	435.4	410.2	392.1	382.1
32.5°	1488.0	1279.7	1058.9	907.9	759.3	634.0	541.6	469.9	427.6	403.7	387.9
30°	2042.4	1699.9	1396.0	1122.7	928.8	760.2	622.5	524.4	455.9	416.3	394.7
27.5°	2839.5	2232.0	1824.9	1437.2	1122.8	910.8	733.9	587.4	489.6	436.8	405.4
25°	4258.6	3071.0	2337.8	1827.7	1405.2	1070.0	853.9	677.7	543.7	458.2	415.0
22.5°	6346.0	4502.1	3082.5	2256.8	1731.0	1307.9	992.2	771.9	594.7	489.9	432.0
20°	9358.7	6398.8	4319.6	2913.4	2110.0	1541.3	1145.4	877.9	674.5	532.5	448.8
17.5°	12104.8	9053.3	5849.4	3691.2	2582.5	1861.0	1343.7	979.8	743.0	570.4	463.7
15°	14479.8	11351.9	7927.7	4982.0	3090.3	2155.2	1528.9	1071.3	807.6	615.8	491.9
12.5°	16166.0	13248.4	9838.7	6097.0	3683.8	2485.8	1747.5	1218.0	877.7	660.7	517.5
10°	17572.1	14738.8	11408.1	7583.0	4534.3	2841.3	1942.2	1341.1	937.2	695.2	537.8
7.5°	18422.5	15841.3	12612.9	8836.7	5231.7	3139.8	2102.9	1433.2	984.9	719.8	552.7
5°	19071.9	16628.1	13488.8	9783.3	5805.5	3364.8	2230.6	1494.8	1019.7	734.8	562.3
2.5°	19553.3	17079.4	14041.4	10355.1	6164.2	3512.3	2315.9	1538.6	1036.9	748.1	570.5
0°	19625.1	17226.3	14074.9	10458.8	6073.2	3580.3	2349.9	1565.3	1036.7	754.4	573.8
-2.5°	19553.3	17079.4	14041.4	10355.1	6164.2	3512.3	2315.9	1538.6	1036.9	748.1	570.5
-5°	19071.9	16628.1	13488.8	9783.3	5805.5	3364.8	2230.6	1494.8	1019.7	734.8	562.3
-7.5°	18422.5	15841.3	12612.9	8836.7	5231.7	3139.8	2102.9	1433.2	984.9	719.8	552.7
-10°	17572.1	14738.8	11408.1	7583.0	4534.3	2841.3	1942.2	1341.1	937.2	695.2	537.8
-12.5°	16166.0	13248.4	9838.7	6097.0	3683.8	2485.8	1747.5	1218.0	877.7	660.7	517.5
-15°	14479.8	11351.9	7927.7	4982.0	3090.3	2155.2	1528.9	1071.3	807.6	615.8	491.9
-17.5°	12104.8	9053.3	5849.4	3691.2	2582.5	1861.0	1343.7	979.8	743.0	570.4	463.7
-20°	9358.7	6398.8	4319.6	2913.4	2110.0	1541.3	1145.4	877.9	674.5	532.5	448.8



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6346.0	4502.1	3082.5	2256.8	1731.0	1307.9	992.2	771.9	594.7	489.9	432.0
-25°	4258.6	3071.0	2337.8	1827.7	1405.2	1070.0	853.9	677.7	543.7	458.2	415.0
-27.5°	2839.5	2232.0	1824.9	1437.2	1122.8	910.8	733.9	587.4	489.6	436.8	405.4
-30°	2042.4	1699.9	1396.0	1122.7	928.8	760.2	622.5	524.4	455.9	416.3	394.7
-32.5°	1488.0	1279.7	1058.9	907.9	759.3	634.0	541.6	469.9	427.6	403.7	387.9
-35°	1107.0	972.1	844.1	730.5	620.7	540.8	472.5	435.4	410.2	392.1	382.1
-37.5°	853.1	760.8	677.4	590.4	524.7	468.3	434.6	411.4	394.5	385.6	382.9
-40°	669.0	602.1	551.2	493.8	457.3	427.1	409.1	393.7	386.1	383.7	387.4
-42.5°	536.1	495.7	464.2	439.7	417.0	403.6	391.3	384.1	382.3	387.7	393.8
-45°	451.6	434.8	417.1	406.8	395.1	387.7	380.6	381.7	386.7	393.6	400.7
-47.5°	408.0	400.8	392.7	388.2	383.5	379.7	382.7	386.6	393.7	399.5	394.2
-50°	384.4	382.8	380.8	380.3	383.2	385.7	390.2	395.4	397.7	393.4	382.2
-52.5°	374.7	378.6	382.6	386.4	391.5	396.1	399.9	395.7	392.0	376.8	356.9
-55°	383.0	387.5	392.7	398.2	401.6	397.2	393.2	384.1	367.4	349.6	325.8
-57.5°	397.1	398.3	396.5	394.4	392.1	382.1	368.3	353.7	335.3	314.2	292.0
-60°	391.0	387.9	379.7	370.4	360.3	348.7	332.6	315.6	297.7	279.1	259.8
-62.5°	359.6	350.4	341.9	331.2	319.3	306.1	291.7	276.8	261.0	244.6	228.8
-65°	315.0	305.4	296.3	286.7	276.1	264.4	251.7	239.2	226.6	213.1	198.8
-67.5°	268.1	260.4	252.3	243.6	235.0	226.2	216.2	205.4	194.0	182.1	170.0
-70°	223.3	216.9	210.3	203.8	197.3	190.2	181.6	172.0	161.9	152.5	143.5
-72.5°	182.2	177.0	171.8	166.6	160.8	154.8	148.1	140.9	133.7	126.6	118.8
-75°	143.9	139.8	135.5	131.3	126.8	121.8	116.9	111.8	106.3	100.6	94.1
-77.5°	107.3	104.6	101.6	98.6	95.3	91.7	87.8	83.9	80.0	75.8	71.2
-80°	75.3	73.8	72.2	70.2	68.0	65.5	62.8	59.7	56.4	53.1	49.9
-82.5°	50.1	49.0	47.7	46.1	44.3	42.3	40.2	38.2	36.0	33.7	31.4
-85°	27.6	26.9	26.2	25.1	24.1	23.1	22.1	21.2	20.3	19.3	18.3
-87.5°	8.8	8.7	8.5	8.8	9.0	9.1	9.3	9.0	8.7	8.3	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
85°	17.4	16.4	15.3	14.0	12.7	11.3	10.4	9.5	8.6	7.7	6.8
82.5°	29.3	27.9	26.4	24.8	22.7	20.6	18.5	16.3	14.1	11.8	10.2
80°	46.7	43.5	40.3	37.1	33.5	30.0	27.1	24.2	21.4	18.5	15.3
77.5°	66.0	60.7	55.5	50.9	46.1	41.5	36.9	32.4	28.7	25.1	21.3
75°	86.9	80.2	73.6	66.8	59.8	52.9	47.2	41.7	36.7	31.8	27.3
72.5°	110.4	101.7	92.7	83.4	75.0	66.7	58.4	50.9	44.9	39.0	33.3
70°	134.0	124.0	113.7	102.8	91.6	80.5	70.9	61.8	52.9	46.0	39.3
67.5°	157.8	146.7	135.1	122.3	109.6	96.8	83.7	73.1	63.1	52.9	45.2
65°	184.9	170.8	156.6	142.7	128.1	113.3	98.9	85.0	73.1	61.8	51.0
62.5°	212.4	195.8	179.7	163.3	147.2	130.7	113.9	98.8	83.4	70.6	58.1
60°	240.6	222.1	202.9	184.4	166.3	148.3	129.9	112.3	95.6	79.2	65.6
57.5°	270.5	248.7	227.4	205.9	185.3	165.6	145.8	126.2	107.5	89.3	73.0
55°	300.7	276.3	252.0	228.3	204.8	182.6	161.2	139.9	119.3	99.7	80.2
52.5°	332.7	304.3	277.0	250.7	225.1	199.7	176.7	153.0	131.0	109.7	88.8
50°	360.3	333.2	302.3	273.2	245.1	218.2	191.9	166.8	142.2	119.5	97.3
47.5°	383.1	357.4	327.9	295.4	265.1	236.2	207.9	180.5	152.9	128.9	105.4
45°	392.7	378.4	350.4	317.9	284.7	254.1	223.8	193.8	164.9	138.0	113.1
42.5°	398.3	389.2	369.5	339.3	305.0	271.5	239.1	207.5	176.6	146.7	120.6
40°	392.9	394.5	384.4	357.2	324.9	288.3	254.3	220.8	187.8	155.6	127.9
37.5°	386.6	393.3	389.2	374.5	343.3	305.9	268.9	233.4	198.7	165.1	134.9
35°	382.6	387.5	394.4	384.5	358.4	322.8	282.7	245.6	209.3	174.1	141.6
32.5°	379.3	382.9	390.6	389.0	372.6	338.9	296.7	257.2	219.2	182.5	147.9
30°	382.3	380.2	386.1	393.0	383.0	351.3	310.3	268.1	228.5	190.2	154.0
27.5°	386.7	377.4	382.3	391.1	386.4	362.5	322.7	278.2	237.2	197.6	160.3
25°	391.8	379.2	379.7	387.5	389.3	372.6	334.1	287.6	245.4	204.6	166.1
22.5°	399.9	382.2	377.2	384.2	392.1	382.0	343.4	297.0	252.9	211.0	171.3
20°	407.1	384.7	374.7	381.0	391.6	384.3	351.1	305.3	259.8	216.7	175.9
17.5°	414.7	388.6	376.2	378.9	389.0	386.3	357.9	312.6	265.8	221.8	180.0
15°	426.9	393.9	378.0	377.1	386.4	388.1	364.0	318.9	271.0	226.2	183.6
12.5°	437.3	398.3	379.3	375.6	384.1	389.7	369.3	324.2	275.4	229.9	186.7
10°	445.7	401.9	380.3	374.3	381.9	390.9	373.8	328.9	279.5	232.8	189.3
7.5°	452.2	404.4	380.7	373.3	380.1	392.0	377.8	333.8	282.8	234.9	191.2
5°	456.9	407.3	382.1	372.8	379.0	392.7	380.8	337.6	285.3	236.4	192.7
2.5°	460.9	411.1	384.0	372.6	378.4	393.1	382.8	340.5	287.1	237.1	193.5
0°	462.8	413.9	385.7	372.5	378.2	393.2	383.8	342.4	287.9	237.1	193.8
-2.5°	460.9	411.1	384.0	372.6	378.4	393.1	382.8	340.5	287.1	237.1	193.5
-5°	456.9	407.3	382.1	372.8	379.0	392.7	380.8	337.6	285.3	236.4	192.7
-7.5°	452.2	404.4	380.7	373.3	380.1	392.0	377.8	333.8	282.8	234.9	191.2
-10°	445.7	401.9	380.3	374.3	381.9	390.9	373.8	328.9	279.5	232.8	189.3
-12.5°	437.3	398.3	379.3	375.6	384.1	389.7	369.3	324.2	275.4	229.9	186.7
-15°	426.9	393.9	378.0	377.1	386.4	388.1	364.0	318.9	271.0	226.2	183.6
-17.5°	414.7	388.6	376.2	378.9	389.0	386.3	357.9	312.6	265.8	221.8	180.0
-20°	407.1	384.7	374.7	381.0	391.6	384.3	351.1	305.3	259.8	216.7	175.9



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	399.9	382.2	377.2	384.2	392.1	382.0	343.4	297.0	252.9	211.0	171.3
-25°	391.8	379.2	379.7	387.5	389.3	372.6	334.1	287.6	245.4	204.6	166.1
-27.5°	386.7	377.4	382.3	391.1	386.4	362.5	322.7	278.2	237.2	197.6	160.3
-30°	382.3	380.2	386.1	393.0	383.0	351.3	310.3	268.1	228.5	190.2	154.0
-32.5°	379.3	382.9	390.6	389.0	372.6	338.9	296.7	257.2	219.2	182.5	147.9
-35°	382.6	387.5	394.4	384.5	358.4	322.8	282.7	245.6	209.3	174.1	141.6
-37.5°	386.6	393.3	389.2	374.5	343.3	305.9	268.9	233.4	198.7	165.1	134.9
-40°	392.9	394.5	384.4	357.2	324.9	288.3	254.3	220.8	187.8	155.6	127.9
-42.5°	398.3	389.2	369.5	339.3	305.0	271.5	239.1	207.5	176.6	146.7	120.6
-45°	392.7	378.4	350.4	317.9	284.7	254.1	223.8	193.8	164.9	138.0	113.1
-47.5°	383.1	357.4	327.9	295.4	265.1	236.2	207.9	180.5	152.9	128.9	105.4
-50°	360.3	333.2	302.3	273.2	245.1	218.2	191.9	166.8	142.2	119.5	97.3
-52.5°	332.7	304.3	277.0	250.7	225.1	199.7	176.7	153.0	131.0	109.7	88.8
-55°	300.7	276.3	252.0	228.3	204.8	182.6	161.2	139.9	119.3	99.7	80.2
-57.5°	270.5	248.7	227.4	205.9	185.3	165.6	145.8	126.2	107.5	89.3	73.0
-60°	240.6	222.1	202.9	184.4	166.3	148.3	129.9	112.3	95.6	79.2	65.6
-62.5°	212.4	195.8	179.7	163.3	147.2	130.7	113.9	98.8	83.4	70.6	58.1
-65°	184.9	170.8	156.6	142.7	128.1	113.3	98.9	85.0	73.1	61.8	51.0
-67.5°	157.8	146.7	135.1	122.3	109.6	96.8	83.7	73.1	63.1	52.9	45.2
-70°	134.0	124.0	113.7	102.8	91.6	80.5	70.9	61.8	52.9	46.0	39.3
-72.5°	110.4	101.7	92.7	83.4	75.0	66.7	58.4	50.9	44.9	39.0	33.3
-75°	86.9	80.2	73.6	66.8	59.8	52.9	47.2	41.7	36.7	31.8	27.3
-77.5°	66.0	60.7	55.5	50.9	46.1	41.5	36.9	32.4	28.7	25.1	21.3
-80°	46.7	43.5	40.3	37.1	33.5	30.0	27.1	24.2	21.4	18.5	15.3
-82.5°	29.3	27.9	26.4	24.8	22.7	20.6	18.5	16.3	14.1	11.8	10.2
-85°	17.4	16.4	15.3	14.0	12.7	11.3	10.4	9.5	8.6	7.7	6.8
-87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
77.5°	17.2	12.8	9.7	7.3	4.9	2.4	0.0
75°	22.4	17.0	11.9	8.8	5.8	2.9	0.0
72.5°	27.5	21.2	15.2	10.2	6.8	3.4	0.0
70°	32.5	25.3	18.4	11.8	7.7	3.9	0.0
67.5°	37.6	29.4	21.6	14.1	8.6	4.3	0.0
65°	42.6	33.5	24.7	16.4	9.5	4.8	0.0
62.5°	47.6	37.8	27.7	18.6	10.4	5.2	0.0
60°	52.5	42.0	30.7	20.8	11.3	5.6	0.0
57.5°	58.7	46.2	34.0	22.9	12.7	6.1	0.0
55°	64.9	50.3	37.4	24.9	14.1	6.5	0.0
52.5°	70.9	54.5	40.6	26.9	15.5	6.9	0.0
50°	76.8	59.3	43.8	28.8	16.8	7.3	0.0
47.5°	82.6	64.0	46.9	30.8	18.1	7.6	0.0
45°	89.2	68.6	50.0	33.0	19.3	8.0	0.0
42.5°	95.4	72.9	52.9	35.2	20.5	8.3	0.0
40°	101.3	77.1	55.9	37.4	21.6	8.7	0.0
37.5°	106.8	81.0	59.1	39.4	22.8	9.0	0.0
35°	112.0	85.2	62.1	41.3	23.8	9.3	0.0
32.5°	117.0	89.2	64.9	43.0	24.8	9.5	0.0
30°	122.0	93.0	67.6	44.6	25.7	9.8	0.0
27.5°	126.7	96.5	69.8	46.1	26.6	10.0	0.0
25°	131.0	99.6	71.9	47.4	27.5	10.2	0.0
22.5°	134.9	102.4	73.7	48.5	28.2	10.4	0.0
20°	138.5	104.8	75.3	49.6	28.9	10.6	0.0
17.5°	141.7	106.8	76.8	50.4	29.6	10.8	0.0
15°	144.5	108.6	78.0	51.2	30.1	10.9	0.0
12.5°	146.8	110.1	79.0	51.8	30.6	11.0	0.0
10°	148.8	111.3	79.8	52.2	31.0	11.1	0.0
7.5°	150.4	112.1	80.4	52.5	31.4	11.2	0.0
5°	151.5	112.7	80.8	52.7	31.7	11.3	0.0
2.5°	152.2	113.0	81.0	52.8	31.9	11.3	0.0
0°	152.4	112.9	80.9	52.7	32.0	11.3	0.0
-2.5°	152.2	113.0	81.0	52.8	31.9	11.3	0.0
-5°	151.5	112.7	80.8	52.7	31.7	11.3	0.0
-7.5°	150.4	112.1	80.4	52.5	31.4	11.2	0.0
-10°	148.8	111.3	79.8	52.2	31.0	11.1	0.0
-12.5°	146.8	110.1	79.0	51.8	30.6	11.0	0.0
-15°	144.5	108.6	78.0	51.2	30.1	10.9	0.0
-17.5°	141.7	106.8	76.8	50.4	29.6	10.8	0.0
-20°	138.5	104.8	75.3	49.6	28.9	10.6	0.0



REPORT NUMBER: P558948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.9	102.4	73.7	48.5	28.2	10.4	0.0
-25°	131.0	99.6	71.9	47.4	27.5	10.2	0.0
-27.5°	126.7	96.5	69.8	46.1	26.6	10.0	0.0
-30°	122.0	93.0	67.6	44.6	25.7	9.8	0.0
-32.5°	117.0	89.2	64.9	43.0	24.8	9.5	0.0
-35°	112.0	85.2	62.1	41.3	23.8	9.3	0.0
-37.5°	106.8	81.0	59.1	39.4	22.8	9.0	0.0
-40°	101.3	77.1	55.9	37.4	21.6	8.7	0.0
-42.5°	95.4	72.9	52.9	35.2	20.5	8.3	0.0
-45°	89.2	68.6	50.0	33.0	19.3	8.0	0.0
-47.5°	82.6	64.0	46.9	30.8	18.1	7.6	0.0
-50°	76.8	59.3	43.8	28.8	16.8	7.3	0.0
-52.5°	70.9	54.5	40.6	26.9	15.5	6.9	0.0
-55°	64.9	50.3	37.4	24.9	14.1	6.5	0.0
-57.5°	58.7	46.2	34.0	22.9	12.7	6.1	0.0
-60°	52.5	42.0	30.7	20.8	11.3	5.6	0.0
-62.5°	47.6	37.8	27.7	18.6	10.4	5.2	0.0
-65°	42.6	33.5	24.7	16.4	9.5	4.8	0.0
-67.5°	37.6	29.4	21.6	14.1	8.6	4.3	0.0
-70°	32.5	25.3	18.4	11.8	7.7	3.9	0.0
-72.5°	27.5	21.2	15.2	10.2	6.8	3.4	0.0
-75°	22.4	17.0	11.9	8.8	5.8	2.9	0.0
-77.5°	17.2	12.8	9.7	7.3	4.9	2.4	0.0
-80°	11.9	9.7	7.8	5.9	3.9	2.0	0.0
-82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
-85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)