

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: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-930-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

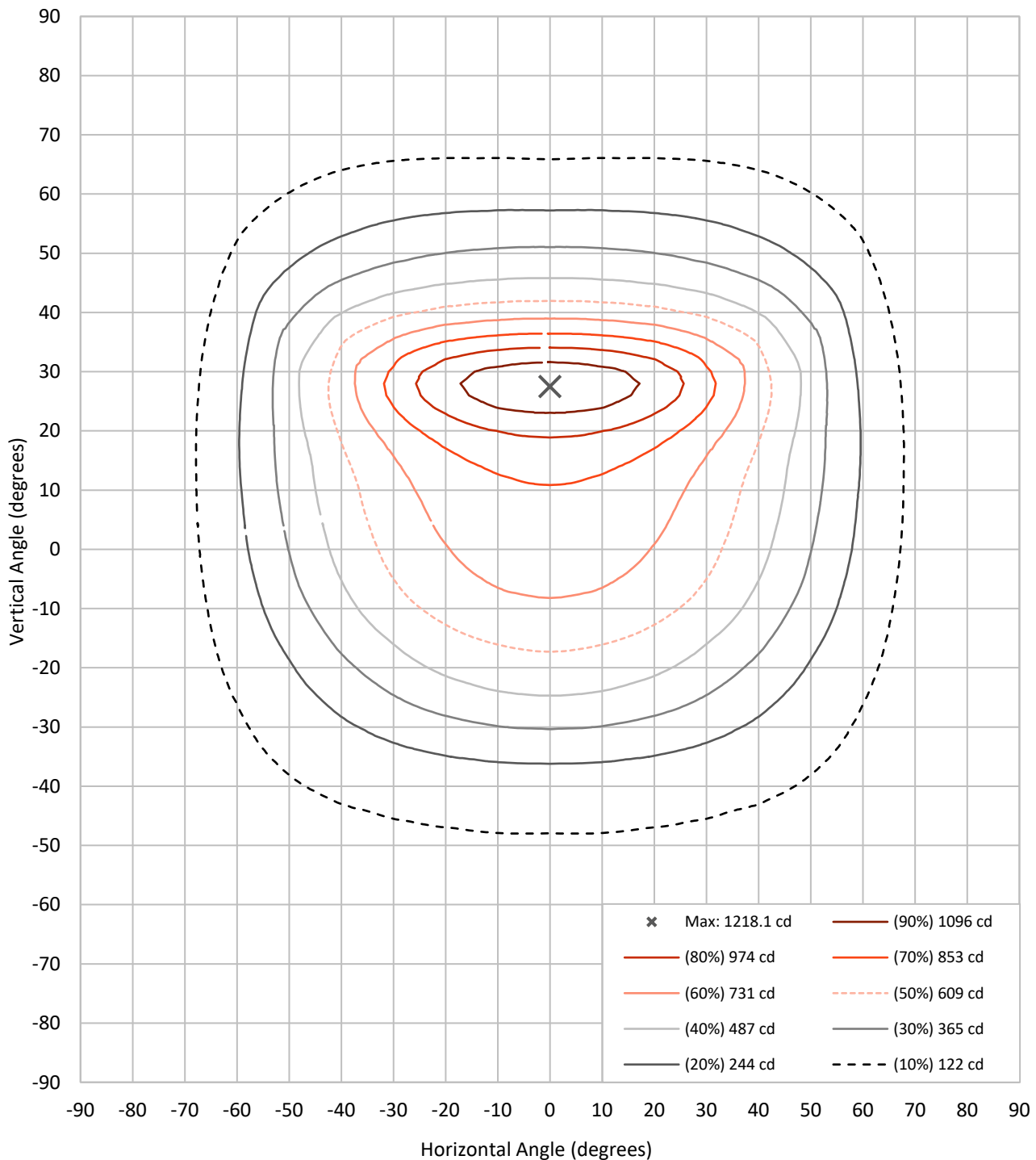
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	1775.8 lumens	Max Intensity:	1218.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	922.9 lumens	Field Lumens:	1642.8 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	18		
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: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

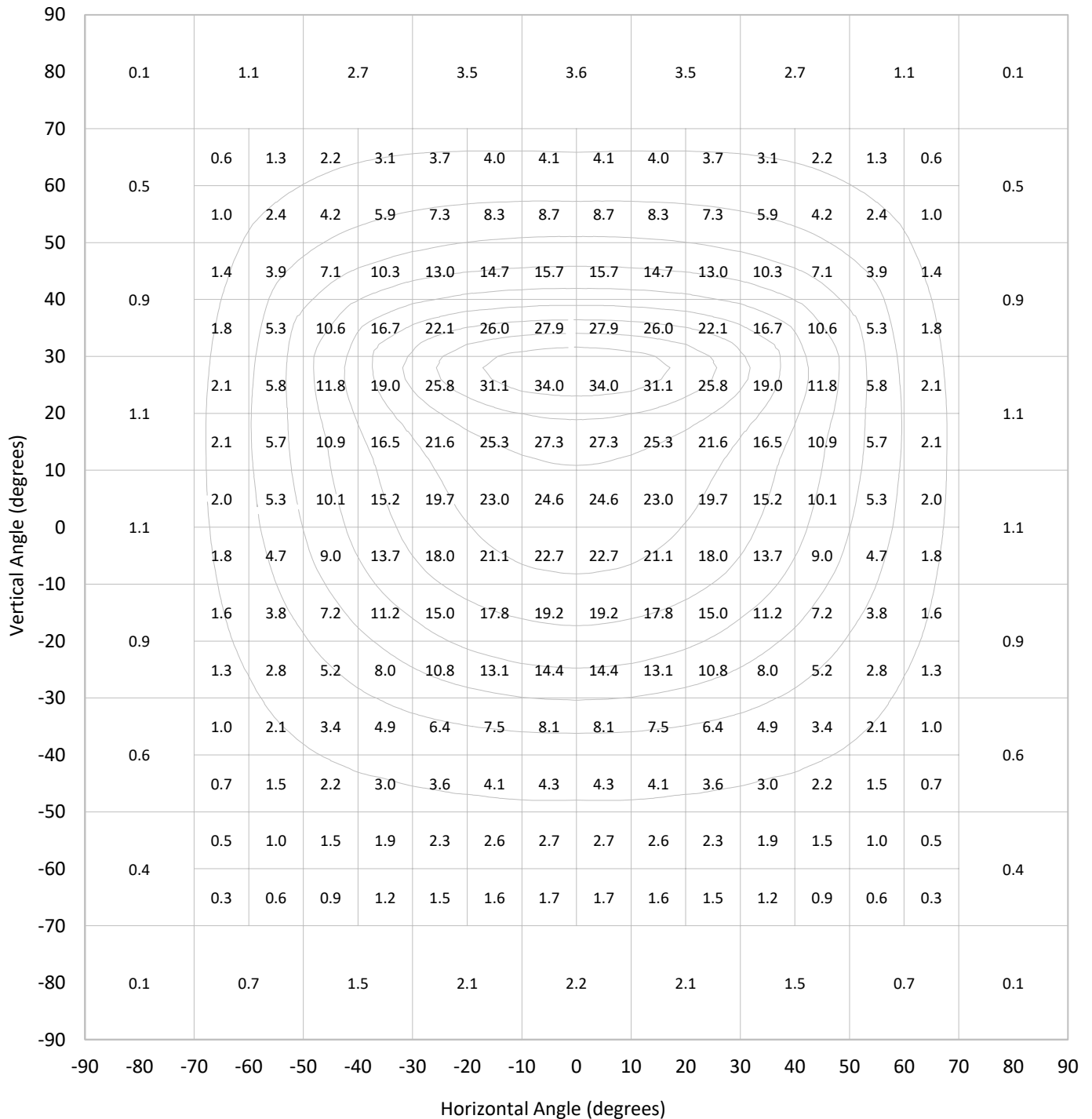
Iso-Candela Plot





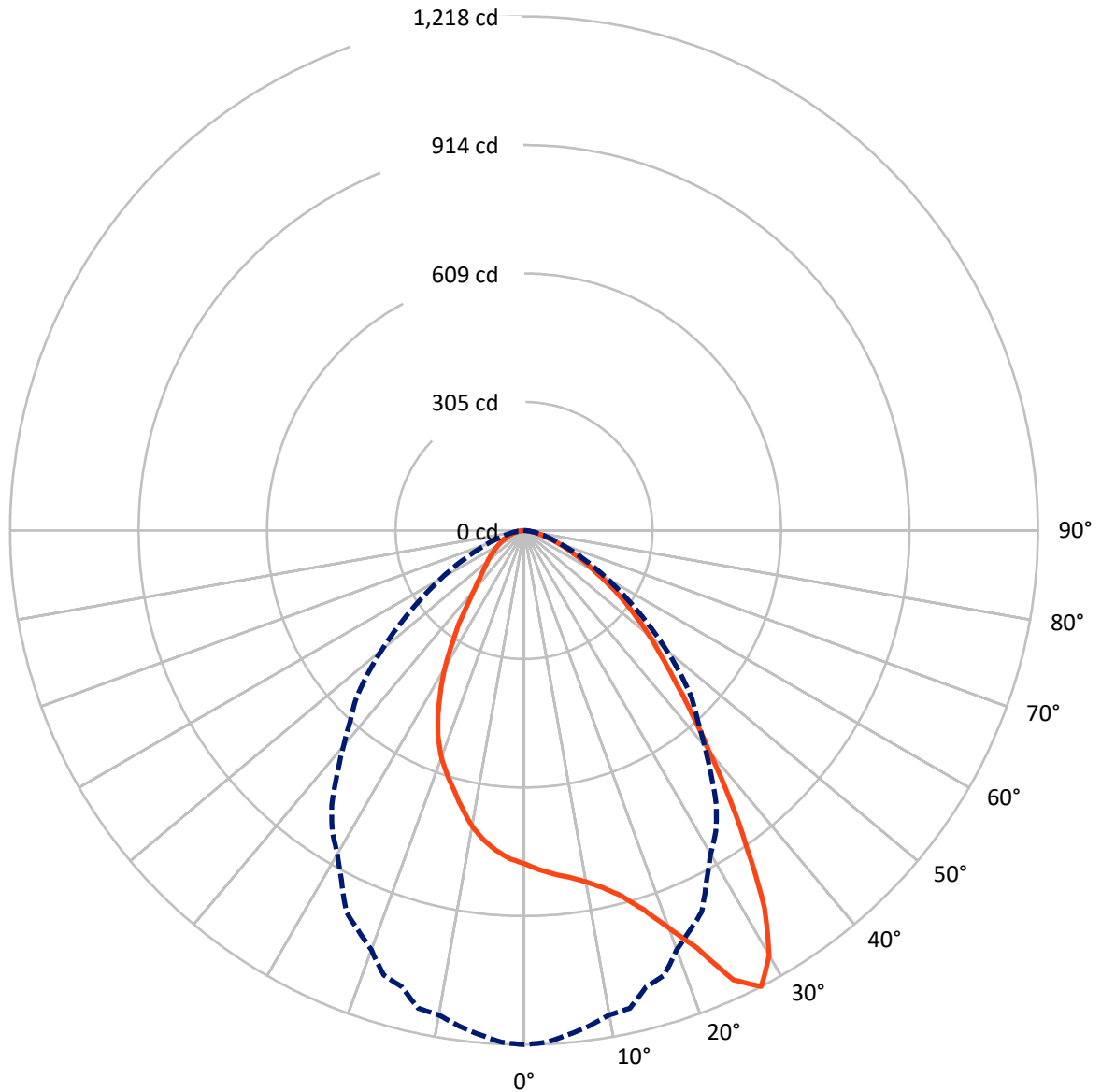
REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

Lumen Table



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

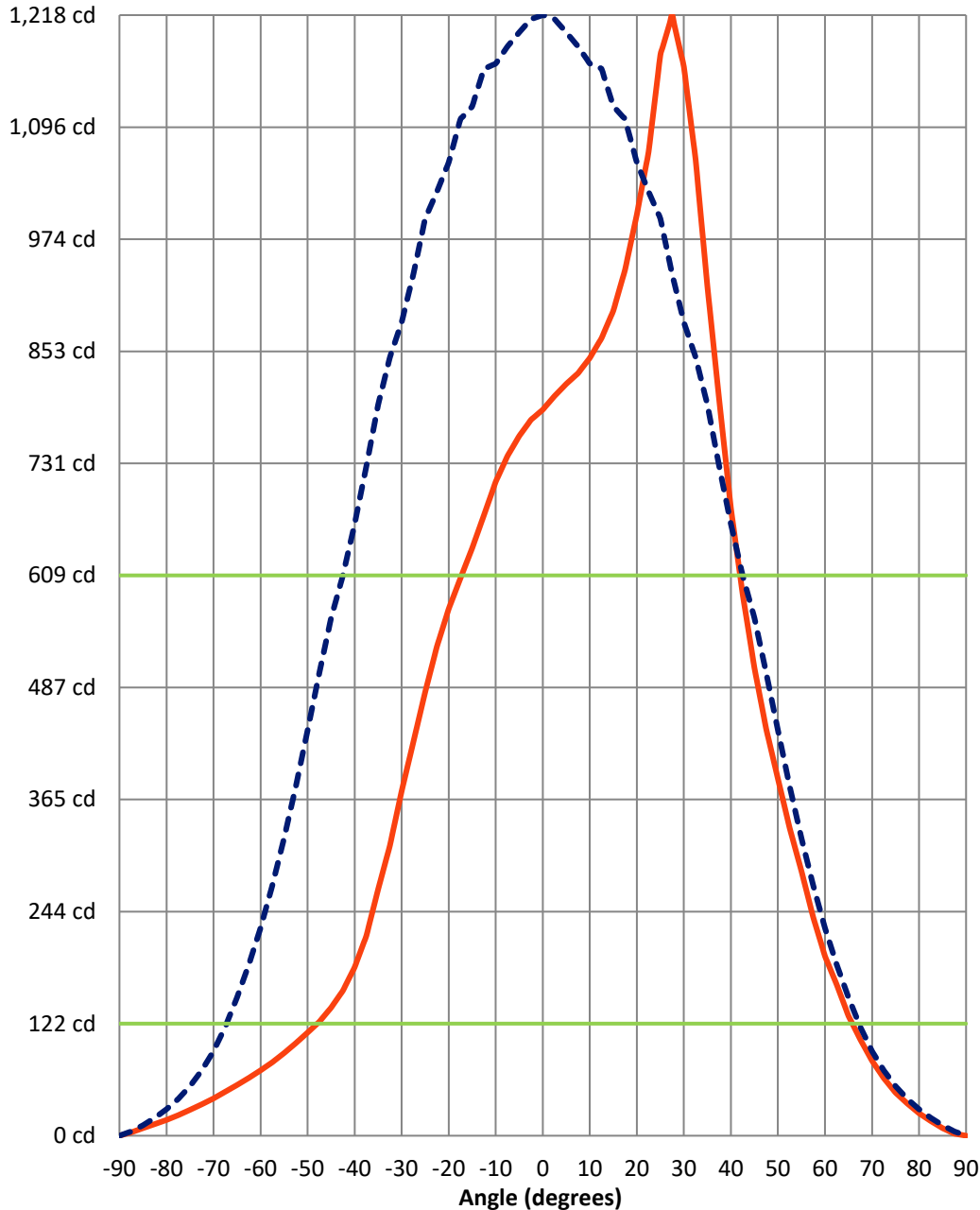
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 922.9
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 1642.8
 Efficiency: 92.5%

Spill:
 Lumens: 133
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 27.5-Deg



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.5	3.9	4.3
82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.0	4.7	5.4	6.6	7.8
80°	0.0	0.9	1.9	2.8	3.7	4.5	5.5	7.0	8.7	10.4	12.1
77.5°	0.0	1.1	2.3	3.5	4.6	5.9	7.8	9.8	11.9	14.1	16.6
75°	0.0	1.4	2.8	4.1	5.6	7.8	10.1	12.6	15.2	18.6	22.0
72.5°	0.0	1.6	3.2	4.8	7.0	9.6	12.4	15.5	19.3	23.2	27.3
70°	0.0	1.8	3.7	5.6	8.4	11.4	14.7	18.9	23.3	27.8	33.1
67.5°	0.0	2.0	4.1	6.5	9.7	13.2	17.5	22.3	27.3	33.1	39.0
65°	0.0	2.2	4.5	7.5	11.1	15.1	20.2	25.6	31.8	38.3	45.2
62.5°	0.0	2.4	5.0	8.5	12.4	17.2	22.9	29.3	36.3	43.5	51.9
60°	0.0	2.6	5.4	9.4	13.6	19.3	25.4	33.1	40.6	49.3	58.4
57.5°	0.0	2.8	5.9	10.3	15.2	21.3	28.3	36.7	45.4	54.9	65.9
55°	0.0	3.0	6.5	11.2	16.6	23.1	31.1	40.1	50.0	60.5	73.5
52.5°	0.0	3.2	7.1	12.0	18.0	25.0	33.7	43.7	54.5	66.8	80.7
50°	0.0	3.4	7.6	12.8	19.4	27.0	36.2	47.1	59.0	72.7	89.3
47.5°	0.0	3.6	8.1	13.6	20.6	28.9	38.6	50.3	63.8	78.2	97.5
45°	0.0	3.7	8.6	14.5	21.8	30.7	41.1	53.2	68.0	84.8	105.1
42.5°	0.0	3.9	9.0	15.3	22.9	32.3	43.4	56.3	71.8	91.0	113.6
40°	0.0	4.0	9.5	16.1	24.1	33.8	45.5	59.3	75.7	96.5	121.6
37.5°	0.0	4.2	9.9	16.9	25.2	35.2	47.4	62.1	79.9	101.6	128.7
35°	0.0	4.3	10.3	17.6	26.2	36.6	49.0	64.6	83.5	106.9	135.4
32.5°	0.0	4.4	10.7	18.2	27.2	37.9	50.7	66.8	86.7	111.5	141.4
30°	0.0	4.5	11.0	18.8	28.0	39.0	52.4	68.9	89.4	115.3	146.3
27.5°	0.0	4.7	11.3	19.4	28.8	40.0	53.9	71.0	91.9	118.4	150.3
25°	0.0	4.8	11.6	19.9	29.4	40.8	55.1	72.7	94.3	121.2	153.3
22.5°	0.0	4.8	11.9	20.3	30.0	41.5	56.1	74.1	96.2	123.4	155.8
20°	0.0	4.9	12.1	20.7	30.5	42.3	56.9	75.1	97.4	124.9	157.4
17.5°	0.0	5.0	12.3	21.1	30.9	42.9	57.7	75.7	98.1	125.6	158.2
15°	0.0	5.0	12.5	21.3	31.2	43.3	58.2	76.1	98.2	125.6	158.1
12.5°	0.0	5.1	12.6	21.6	31.5	43.7	58.6	76.4	98.2	124.8	157.2
10°	0.0	5.1	12.7	21.7	31.6	43.9	58.7	76.4	98.1	124.4	155.8
7.5°	0.0	5.2	12.8	21.9	31.6	44.0	58.7	76.2	97.5	123.6	154.2
5°	0.0	5.2	12.9	21.9	31.6	43.9	58.4	75.6	96.5	122.3	151.8
2.5°	0.0	5.2	12.9	21.9	31.5	43.8	57.9	74.8	95.2	120.5	148.7
0°	0.0	5.2	12.9	21.9	31.3	43.5	57.3	73.8	93.5	118.2	145.0
-2.5°	0.0	5.2	12.9	21.8	31.1	43.1	56.6	72.7	91.9	115.7	141.3
-5°	0.0	5.2	12.8	21.7	30.9	42.6	55.8	71.4	89.9	112.7	137.1
-7.5°	0.0	5.2	12.7	21.5	30.6	41.9	54.9	69.9	87.7	109.4	132.5
-10°	0.0	5.2	12.6	21.2	30.3	41.2	53.8	68.2	85.3	105.8	127.5
-12.5°	0.0	5.1	12.5	20.9	29.8	40.4	52.5	66.4	82.6	101.9	122.6
-15°	0.0	5.1	12.3	20.6	29.3	39.5	51.2	64.4	79.8	98.1	117.6
-17.5°	0.0	5.0	12.1	20.2	28.8	38.5	49.7	62.4	77.1	94.1	112.4
-20°	0.0	5.0	11.9	19.8	28.1	37.5	48.2	60.4	74.2	89.8	106.9



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	11.7	19.3	27.5	36.4	46.6	58.2	71.1	85.5	101.3
-25°	0.0	4.8	11.4	18.8	26.7	35.3	45.0	56.0	68.0	81.0	95.5
-27.5°	0.0	4.7	11.1	18.3	25.9	34.2	43.3	53.5	64.8	76.7	90.1
-30°	0.0	4.6	10.8	17.7	25.0	32.9	41.5	51.0	61.7	72.7	84.6
-32.5°	0.0	4.5	10.5	17.1	24.1	31.6	39.7	48.7	58.6	68.7	79.2
-35°	0.0	4.4	10.1	16.4	23.2	30.3	37.9	46.4	55.4	64.8	73.8
-37.5°	0.0	4.3	9.8	15.7	22.2	28.9	36.2	44.0	52.2	60.8	69.3
-40°	0.0	4.1	9.4	15.0	21.2	27.6	34.4	41.6	48.8	57.0	65.1
-42.5°	0.0	4.0	9.0	14.3	20.1	26.3	32.6	39.1	45.8	53.3	60.9
-45°	0.0	3.8	8.5	13.5	19.1	24.9	30.7	36.7	43.0	49.6	56.6
-47.5°	0.0	3.7	8.1	12.8	18.1	23.5	28.7	34.5	40.1	45.9	52.5
-50°	0.0	3.5	7.7	12.0	17.0	22.0	26.9	32.1	37.3	42.7	48.4
-52.5°	0.0	3.3	7.2	11.3	15.9	20.5	25.2	29.8	34.6	39.5	44.3
-55°	0.0	3.1	6.7	10.6	14.7	19.0	23.4	27.4	31.9	36.3	40.8
-57.5°	0.0	2.9	6.2	9.9	13.5	17.6	21.6	25.3	29.2	33.2	37.1
-60°	0.0	2.7	5.7	9.1	12.3	16.1	19.7	23.2	26.5	30.1	33.6
-62.5°	0.0	2.5	5.3	8.3	11.3	14.6	17.9	21.1	24.1	27.0	30.2
-65°	0.0	2.3	4.9	7.5	10.3	13.0	16.1	18.9	21.6	24.2	26.7
-67.5°	0.0	2.1	4.4	6.7	9.2	11.6	14.2	16.8	19.2	21.5	23.6
-70°	0.0	1.9	3.9	5.9	8.1	10.2	12.3	14.6	16.8	18.7	20.6
-72.5°	0.0	1.6	3.5	5.2	7.0	8.9	10.7	12.5	14.4	16.1	17.6
-75°	0.0	1.4	3.0	4.5	5.9	7.5	9.1	10.5	12.0	13.5	14.9
-77.5°	0.0	1.2	2.5	3.7	4.9	6.1	7.4	8.7	9.9	11.0	12.1
-80°	0.0	1.0	2.0	3.0	3.9	4.9	5.8	6.8	7.8	8.7	9.6
-82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.3	5.0	5.7	6.5	7.1
-85°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.8	4.3	4.7
-87.5°	0.0	0.2	0.5	0.8	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-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: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9
85°	4.5	4.7	5.2	5.8	6.3	6.8	7.2	7.6	8.0	8.2	8.4
82.5°	8.8	9.7	10.6	11.4	12.2	12.9	13.5	14.3	14.9	15.4	15.8
80°	13.5	14.8	16.3	17.8	19.1	20.3	21.4	22.4	23.2	24.0	24.7
77.5°	19.0	21.0	23.0	24.7	26.5	28.5	30.4	32.1	33.4	34.4	35.1
75°	24.8	27.3	30.1	32.9	35.5	38.0	40.3	43.2	45.5	47.2	48.6
72.5°	31.1	34.7	38.1	41.5	45.3	49.0	52.7	56.2	59.2	61.5	63.3
70°	37.9	42.0	46.8	51.6	56.2	60.9	65.9	70.5	74.2	76.9	79.4
67.5°	44.9	50.6	56.2	62.1	68.6	74.5	80.0	85.8	90.9	94.3	97.2
65°	52.8	59.3	66.8	74.5	81.6	89.1	96.1	102.3	108.8	113.4	117.2
62.5°	60.5	69.6	78.5	87.5	96.5	104.6	113.7	121.8	128.2	134.9	140.6
60°	69.7	80.5	91.3	102.2	112.3	123.8	133.7	143.0	151.6	159.1	166.1
57.5°	78.8	92.8	105.6	118.4	131.8	144.0	155.6	166.1	176.4	185.0	193.5
55°	88.4	106.4	121.2	137.0	151.7	165.5	178.6	191.7	202.7	214.6	224.9
52.5°	99.1	119.6	138.8	156.1	172.8	188.6	204.3	220.1	235.5	247.8	259.5
50°	109.1	133.5	156.6	176.4	195.5	214.3	233.9	253.6	270.7	284.8	296.9
47.5°	120.1	146.4	175.8	197.7	220.6	243.9	267.7	289.5	308.0	327.2	340.6
45°	130.8	159.5	191.4	221.7	248.2	276.5	302.6	326.7	353.6	374.5	392.4
42.5°	140.5	171.9	207.4	245.9	279.1	309.5	337.8	371.6	402.5	426.9	449.3
40°	150.6	183.2	221.9	268.4	309.9	342.4	376.8	414.2	454.4	484.4	511.2
37.5°	159.8	194.7	235.2	285.6	340.3	375.9	413.9	454.6	500.4	545.6	577.7
35°	167.9	204.5	248.4	299.6	355.5	408.4	448.7	492.0	542.0	600.7	644.6
32.5°	175.2	212.5	258.8	310.5	367.2	429.2	480.4	524.8	575.0	635.6	710.1
30°	181.3	220.2	266.6	318.4	375.3	437.1	502.0	550.3	598.0	657.5	726.8
27.5°	185.8	225.8	272.0	323.3	379.6	440.7	503.1	562.7	609.0	664.9	727.9
25°	189.4	230.4	274.8	325.2	380.2	439.1	499.1	555.6	607.5	656.8	713.3
22.5°	192.3	233.6	278.0	323.9	377.4	433.5	489.9	543.8	594.0	640.1	688.8
20°	194.4	235.7	279.6	325.1	372.6	424.3	478.3	529.5	578.0	622.7	662.3
17.5°	195.4	236.3	279.6	324.9	371.8	417.0	464.0	513.2	560.9	605.3	644.4
15°	195.2	235.5	278.0	323.2	369.3	414.1	457.4	498.1	542.4	587.3	626.3
12.5°	193.9	233.4	275.0	320.0	365.3	409.6	452.2	492.9	532.7	570.3	607.6
10°	191.6	230.0	270.5	315.2	359.9	403.5	445.5	486.4	525.8	562.7	597.4
7.5°	189.1	226.2	265.2	309.1	352.9	395.7	437.3	478.4	516.9	553.8	588.9
5°	186.0	222.2	261.1	303.1	345.4	387.2	427.9	468.7	506.3	543.5	578.7
2.5°	181.9	217.1	256.0	295.9	337.0	378.3	417.7	457.7	496.3	532.0	566.7
0°	177.1	211.2	249.8	287.4	327.2	368.0	405.9	445.0	485.1	518.8	552.8
-2.5°	171.8	204.1	240.7	278.2	316.6	356.6	395.5	432.6	471.8	505.9	540.5
-5°	165.9	196.2	230.7	267.8	304.8	343.8	383.4	418.7	456.1	489.8	523.9
-7.5°	159.4	187.7	219.9	256.1	291.3	328.1	365.6	399.6	435.9	469.3	502.5
-10°	152.6	179.3	209.4	242.8	276.1	310.4	345.6	378.8	413.8	447.0	479.0
-12.5°	146.0	171.1	198.6	229.0	260.0	291.7	324.4	356.5	389.7	423.1	452.9
-15°	139.2	162.4	187.4	214.6	243.2	272.2	302.2	332.6	363.8	396.4	424.0
-17.5°	132.1	153.4	176.0	200.0	225.8	252.1	279.7	309.0	337.6	367.3	394.0
-20°	124.8	144.1	164.4	185.1	208.1	233.3	259.1	285.4	311.4	337.3	362.3



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	117.5	134.7	153.2	171.3	193.2	215.9	238.6	261.4	284.7	307.0	330.7
-25°	110.4	125.9	142.2	159.9	178.6	198.7	218.2	237.5	258.1	279.0	299.4
-27.5°	103.6	117.2	132.6	148.4	164.0	181.8	198.9	215.3	233.3	251.7	268.2
-30°	96.7	109.6	123.1	137.2	150.9	165.8	180.5	194.9	209.6	225.3	239.6
-32.5°	90.4	102.1	114.4	126.7	138.4	149.9	163.5	176.3	188.3	199.6	212.0
-35°	84.6	95.4	106.0	116.6	126.2	136.4	147.8	158.5	168.2	177.2	186.7
-37.5°	79.1	88.7	97.7	107.1	115.7	124.4	132.8	142.0	149.9	157.1	164.9
-40°	73.5	82.2	90.3	98.2	106.0	113.3	120.4	126.7	133.0	140.0	145.4
-42.5°	68.1	76.1	83.4	89.5	96.8	103.1	108.7	113.9	119.0	124.4	128.7
-45°	63.4	70.2	76.8	82.6	88.1	93.5	98.2	102.3	107.2	110.9	114.2
-47.5°	58.6	64.4	70.5	75.8	80.5	84.8	88.3	92.5	96.5	99.7	101.6
-50°	53.8	59.2	64.3	69.3	73.5	77.0	80.0	83.4	86.7	89.5	91.3
-52.5°	49.4	54.0	58.7	62.9	66.8	69.9	72.8	75.7	78.2	80.0	82.4
-55°	45.1	49.3	53.2	57.0	60.3	63.2	66.0	68.6	70.7	72.3	74.3
-57.5°	41.0	44.8	48.3	51.5	54.4	56.9	59.6	61.8	63.8	65.3	67.3
-60°	37.1	40.4	43.6	46.4	48.8	51.2	53.5	55.5	57.2	58.7	60.6
-62.5°	33.1	36.2	39.0	41.6	43.8	45.8	47.8	49.6	51.0	52.6	54.1
-65°	29.5	32.0	34.5	36.8	39.0	40.9	42.5	43.9	45.3	46.6	47.9
-67.5°	25.8	28.2	30.2	32.1	34.0	35.9	37.5	38.8	39.9	41.0	42.0
-70°	22.5	24.4	26.3	28.0	29.4	31.0	32.5	33.7	34.7	35.6	36.5
-72.5°	19.3	21.0	22.5	24.0	25.3	26.5	27.7	28.8	29.7	30.4	31.1
-75°	16.2	17.5	18.8	20.1	21.2	22.2	23.1	24.0	24.7	25.3	25.8
-77.5°	13.3	14.4	15.4	16.3	17.1	17.9	18.6	19.3	19.8	20.3	20.6
-80°	10.4	11.2	12.1	12.9	13.5	14.0	14.4	14.8	15.2	15.6	16.0
-82.5°	7.7	8.3	8.9	9.4	9.9	10.2	10.5	10.8	11.1	11.4	11.7
-85°	5.1	5.4	5.7	6.1	6.4	6.7	7.0	7.2	7.3	7.5	7.6
-87.5°	2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.6	3.7	3.8	3.8
-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: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	2.9	3.0	2.9	2.9	2.9	2.8	2.6	2.5	2.3	2.4	2.5
85°	8.6	8.6	8.6	8.5	8.4	8.4	8.3	8.3	8.2	8.3	8.4
82.5°	16.1	16.3	16.3	16.3	16.1	16.2	16.2	16.2	16.1	16.2	16.2
80°	25.2	25.5	25.5	25.4	25.0	25.1	25.1	25.0	24.8	24.8	24.8
77.5°	36.0	36.6	36.8	36.7	36.3	36.2	36.0	35.5	34.8	34.8	34.8
75°	49.7	50.3	50.5	50.5	50.2	49.9	49.7	49.1	48.3	48.3	48.3
72.5°	64.8	65.6	65.9	66.3	66.3	66.2	65.8	65.0	63.7	63.6	63.7
70°	81.4	82.8	83.7	84.4	84.9	85.1	84.8	84.1	83.1	82.8	82.7
67.5°	100.0	102.3	104.0	105.1	106.1	106.9	107.2	106.9	106.0	105.7	105.8
65°	120.8	124.3	127.2	129.3	130.7	131.7	132.6	133.2	133.3	133.6	134.0
62.5°	145.2	149.4	153.4	156.1	157.5	158.5	161.3	163.0	163.4	163.5	164.2
60°	172.3	177.7	182.6	186.6	189.8	192.3	194.7	196.3	196.9	197.0	197.9
57.5°	202.0	208.8	214.6	220.7	225.0	227.5	230.8	234.1	235.9	236.4	238.5
55°	234.9	244.1	251.6	258.2	264.2	269.5	274.0	277.4	280.0	281.5	284.2
52.5°	271.2	282.0	289.9	297.6	306.3	312.3	316.3	322.7	327.3	329.9	333.1
50°	311.1	323.1	333.9	342.0	352.0	360.3	366.4	372.4	376.6	379.1	382.2
47.5°	356.5	371.3	383.8	391.3	403.0	412.7	416.7	421.2	429.2	433.0	436.4
45°	407.6	426.6	440.4	452.2	462.2	473.2	480.3	485.5	493.4	497.3	499.8
42.5°	468.5	489.6	507.8	521.9	530.3	544.5	554.9	557.8	568.9	576.5	578.7
40°	536.7	560.1	584.1	600.2	613.7	628.2	645.3	654.8	664.2	671.6	673.3
37.5°	607.8	639.0	666.5	687.3	709.7	731.0	749.1	759.0	765.1	779.3	784.6
35°	680.0	712.3	750.7	783.1	810.2	836.5	857.2	873.5	889.0	901.7	909.4
32.5°	741.6	776.3	823.8	872.2	901.5	930.0	964.0	982.6	1003.3	1020.1	1032.3
30°	792.1	825.1	868.4	929.2	969.3	998.1	1041.2	1066.9	1089.5	1117.9	1127.8
27.5°	794.5	846.1	884.4	936.7	996.9	1026.2	1058.0	1104.9	1119.1	1159.6	1165.5
25°	773.7	827.8	867.1	910.8	960.9	996.5	1025.6	1064.6	1085.0	1111.0	1131.1
22.5°	741.1	788.8	828.9	865.9	905.0	937.4	964.0	991.4	1013.8	1034.0	1052.8
20°	705.0	750.4	788.3	820.2	851.2	881.2	905.1	928.1	947.5	964.9	975.6
17.5°	679.7	712.3	751.1	783.8	810.6	834.2	858.9	878.2	895.1	910.8	920.5
15°	662.4	693.4	721.0	751.0	779.2	801.7	820.3	840.2	854.9	868.4	878.9
12.5°	644.4	676.3	705.2	730.2	752.3	776.9	796.8	812.4	827.8	838.4	849.3
10°	629.4	659.3	689.3	715.6	738.9	759.2	778.0	795.5	809.3	821.2	829.7
7.5°	620.7	650.0	676.9	702.2	724.9	746.5	765.9	782.0	795.7	807.9	816.9
5°	610.5	639.5	666.5	692.3	714.1	734.8	754.2	770.7	784.9	795.8	804.4
2.5°	598.9	627.6	654.4	680.7	702.5	722.4	740.8	756.9	771.7	782.1	789.4
0°	585.7	614.4	640.6	665.4	687.3	708.8	725.7	742.0	756.4	766.7	774.1
-2.5°	572.4	600.9	628.0	651.8	673.5	693.5	711.3	726.8	740.6	750.8	757.2
-5°	554.7	583.1	609.8	633.8	656.5	676.4	693.9	709.5	722.8	734.0	742.7
-7.5°	533.3	562.0	588.7	613.1	635.7	654.6	671.3	687.1	701.3	713.5	724.2
-10°	509.7	538.1	563.4	586.2	607.3	626.5	644.3	659.9	672.8	684.8	693.8
-12.5°	482.3	508.5	533.2	555.8	576.3	595.6	612.5	627.4	640.4	651.0	659.2
-15°	452.0	476.9	500.3	523.3	544.9	563.8	578.7	594.4	605.7	616.0	623.3
-17.5°	419.6	443.7	468.3	491.4	511.3	529.9	546.4	560.7	572.6	582.0	590.3
-20°	386.8	411.3	435.0	457.0	476.1	493.4	510.1	523.8	536.0	546.3	555.9



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	353.8	376.3	398.5	420.0	438.1	454.5	469.0	482.2	493.0	505.0	513.6
-25°	319.9	339.6	359.7	378.7	395.8	411.9	425.1	436.7	447.8	459.5	467.8
-27.5°	285.9	303.3	319.6	336.4	351.4	365.4	377.6	387.7	398.6	406.3	415.5
-30°	252.2	268.0	281.6	293.3	307.4	319.4	328.9	338.9	347.9	355.3	363.1
-32.5°	223.7	234.5	245.4	255.2	264.5	274.4	282.0	290.8	297.0	303.4	309.6
-35°	196.3	204.6	211.9	221.0	228.0	233.3	239.8	246.2	248.6	255.6	259.3
-37.5°	171.5	177.0	183.7	190.1	195.3	199.2	204.9	208.3	210.1	214.6	217.0
-40°	150.3	153.7	160.0	164.4	167.5	170.4	175.1	177.3	179.7	182.0	182.0
-42.5°	131.6	136.0	140.3	143.7	145.7	149.0	151.2	151.4	154.6	156.6	156.9
-45°	116.3	120.8	124.2	126.7	128.7	131.5	132.9	133.7	136.3	137.6	138.2
-47.5°	104.6	107.7	110.6	112.6	115.2	117.3	118.3	119.7	121.6	122.9	123.8
-50°	94.2	96.7	99.0	100.7	103.3	105.2	106.2	107.9	109.3	110.2	110.9
-52.5°	85.2	87.4	88.9	90.7	92.8	94.4	95.7	97.4	98.6	99.4	100.0
-55°	76.7	78.7	80.2	82.1	83.7	84.8	85.9	87.5	88.7	89.5	90.0
-57.5°	69.2	70.8	72.2	73.9	75.4	76.6	77.6	78.5	79.3	79.9	80.4
-60°	62.1	63.5	64.8	66.1	67.2	68.1	69.1	69.9	70.5	70.8	71.2
-62.5°	55.4	56.5	57.8	58.8	59.7	60.4	61.3	61.9	62.4	62.7	63.0
-65°	49.0	50.0	51.0	51.9	52.6	53.3	53.9	54.4	54.7	55.0	55.2
-67.5°	43.0	43.7	44.5	45.1	45.6	46.2	46.7	47.1	47.3	47.5	47.8
-70°	37.2	37.8	38.3	38.6	39.0	39.4	39.9	40.3	40.5	40.7	40.9
-72.5°	31.6	32.1	32.4	32.7	32.9	33.2	33.5	33.8	34.0	34.2	34.3
-75°	26.2	26.5	26.9	27.1	27.2	27.4	27.6	27.7	27.8	27.9	27.9
-77.5°	20.9	21.3	21.6	21.8	21.9	22.1	22.2	22.3	22.3	22.3	22.3
-80°	16.3	16.6	16.8	16.9	17.0	17.2	17.2	17.2	17.2	17.2	17.2
-82.5°	11.9	12.1	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.8	12.8
-85°	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1
-87.5°	3.9	3.8	3.7	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	2.5	2.6	2.4	2.2	2.4	2.6	2.5	2.5	2.4	2.3	2.5
85°	8.5	8.6	8.4	8.2	8.4	8.6	8.5	8.4	8.3	8.2	8.3
82.5°	16.3	16.2	16.1	15.9	16.1	16.2	16.3	16.2	16.2	16.1	16.2
80°	24.7	24.6	24.5	24.4	24.5	24.6	24.7	24.8	24.8	24.8	25.0
77.5°	34.7	34.5	34.8	35.0	34.8	34.5	34.7	34.8	34.8	34.8	35.5
75°	48.1	47.7	47.3	46.8	47.3	47.7	48.1	48.3	48.3	48.3	49.1
72.5°	63.6	63.3	63.1	62.6	63.1	63.3	63.6	63.7	63.6	63.7	65.0
70°	82.2	81.3	81.5	81.5	81.5	81.3	82.2	82.7	82.8	83.1	84.1
67.5°	105.5	104.7	104.8	104.7	104.8	104.7	105.5	105.8	105.7	106.0	106.9
65°	133.8	132.9	131.8	130.2	131.8	132.9	133.8	134.0	133.6	133.3	133.2
62.5°	164.1	163.3	163.7	164.1	163.7	163.3	164.1	164.2	163.5	163.4	163.0
60°	197.8	196.7	196.1	195.2	196.1	196.7	197.8	197.9	197.0	196.9	196.3
57.5°	239.4	239.2	238.7	237.4	238.7	239.2	239.4	238.5	236.4	235.9	234.1
55°	285.5	285.3	286.3	287.6	286.3	285.3	285.5	284.2	281.5	280.0	277.4
52.5°	335.5	336.3	336.0	334.3	336.0	336.3	335.5	333.1	329.9	327.3	322.7
50°	385.0	385.9	387.0	387.9	387.0	385.9	385.0	382.2	379.1	376.6	372.4
47.5°	441.1	443.5	444.0	442.2	444.0	443.5	441.1	436.4	433.0	429.2	421.2
45°	504.8	506.3	507.1	508.5	507.1	506.3	504.8	499.8	497.3	493.4	485.5
42.5°	585.1	586.8	587.1	588.7	587.1	586.8	585.1	578.7	576.5	568.9	557.8
40°	680.4	683.3	682.8	682.1	682.8	683.3	680.4	673.3	671.6	664.2	654.8
37.5°	792.0	796.8	797.4	800.3	797.4	796.8	792.0	784.6	779.3	765.1	759.0
35°	917.3	922.9	921.9	923.4	921.9	922.9	917.3	909.4	901.7	889.0	873.5
32.5°	1043.6	1052.1	1053.8	1060.9	1053.8	1052.1	1043.6	1032.3	1020.1	1003.3	982.6
30°	1142.9	1154.7	1162.5	1161.9	1162.5	1154.7	1142.9	1127.8	1117.9	1089.5	1066.9
27.5°	1184.0	1199.4	1213.8	1218.1	1213.8	1199.4	1184.0	1165.5	1159.6	1119.1	1104.9
25°	1143.9	1155.1	1167.9	1174.7	1167.9	1155.1	1143.9	1131.1	1111.0	1085.0	1064.6
22.5°	1061.4	1068.8	1073.1	1069.5	1073.1	1068.8	1061.4	1052.8	1034.0	1013.8	991.4
20°	986.6	995.9	997.6	1001.3	997.6	995.9	986.6	975.6	964.9	947.5	928.1
17.5°	930.9	937.0	940.5	941.4	940.5	937.0	930.9	920.5	910.8	895.1	878.2
15°	887.3	892.2	895.4	896.8	895.4	892.2	887.3	878.9	868.4	854.9	840.2
12.5°	856.4	862.3	865.3	867.0	865.3	862.3	856.4	849.3	838.4	827.8	812.4
10°	836.6	842.3	844.6	845.4	844.6	842.3	836.6	829.7	821.2	809.3	795.5
7.5°	822.4	826.0	827.6	828.8	827.6	826.0	822.4	816.9	807.9	795.7	782.0
5°	810.9	813.8	815.4	817.2	815.4	813.8	810.9	804.4	795.8	784.9	770.7
2.5°	795.2	799.4	802.3	804.0	802.3	799.4	795.2	789.4	782.1	771.7	756.9
0°	779.9	783.8	785.9	789.2	785.9	783.8	779.9	774.1	766.7	756.4	742.0
-2.5°	763.0	767.5	773.0	778.2	773.0	767.5	763.0	757.2	750.8	740.6	726.8
-5°	750.1	756.1	757.2	760.6	757.2	756.1	750.1	742.7	734.0	722.8	709.5
-7.5°	730.6	733.3	738.0	738.8	738.0	733.3	730.6	724.2	713.5	701.3	687.1
-10°	700.5	705.0	707.9	710.9	707.9	705.0	700.5	693.8	684.8	672.8	659.9
-12.5°	665.3	670.5	675.2	674.6	675.2	670.5	665.3	659.2	651.0	640.4	627.4
-15°	630.9	636.0	639.2	638.8	639.2	636.0	630.9	623.3	616.0	605.7	594.4
-17.5°	596.8	601.4	606.1	606.0	606.1	601.4	596.8	590.3	582.0	572.6	560.7
-20°	561.6	565.5	570.5	572.6	570.5	565.5	561.6	555.9	546.3	536.0	523.8



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	520.9	525.9	529.5	531.8	529.5	525.9	520.9	513.6	505.0	493.0	482.2
-25°	473.4	478.6	481.4	482.3	481.4	478.6	473.4	467.8	459.5	447.8	436.7
-27.5°	420.9	426.8	429.6	428.2	429.6	426.8	420.9	415.5	406.3	398.6	387.7
-30°	367.1	370.9	371.3	374.6	371.3	370.9	367.1	363.1	355.3	347.9	338.9
-32.5°	314.0	316.5	315.1	315.4	315.1	316.5	314.0	309.6	303.4	297.0	290.8
-35°	261.7	263.6	264.0	267.8	264.0	263.6	261.7	259.3	255.6	248.6	246.2
-37.5°	219.5	220.3	219.1	217.4	219.1	220.3	219.5	217.0	214.6	210.1	208.3
-40°	183.8	184.4	184.0	183.1	184.0	184.4	183.8	182.0	182.0	179.7	177.3
-42.5°	158.1	158.1	157.7	157.6	157.7	158.1	158.1	156.9	156.6	154.6	151.4
-45°	139.1	139.3	139.3	139.2	139.3	139.3	139.1	138.2	137.6	136.3	133.7
-47.5°	124.4	124.4	124.3	123.9	124.3	124.4	124.4	123.8	122.9	121.6	119.7
-50°	111.4	111.4	111.6	112.1	111.6	111.4	111.4	110.9	110.2	109.3	107.9
-52.5°	100.3	100.3	100.4	100.6	100.4	100.3	100.3	100.0	99.4	98.6	97.4
-55°	90.2	90.2	90.1	89.8	90.1	90.2	90.2	90.0	89.5	88.7	87.5
-57.5°	80.6	80.5	80.3	79.8	80.3	80.5	80.6	80.4	79.9	79.3	78.5
-60°	71.5	71.5	71.4	71.0	71.4	71.5	71.5	71.2	70.8	70.5	69.9
-62.5°	63.0	62.9	62.9	62.8	62.9	62.9	63.0	63.0	62.7	62.4	61.9
-65°	55.2	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.0	54.7	54.4
-67.5°	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.5	47.3	47.1
-70°	41.0	41.0	40.8	40.5	40.8	41.0	41.0	40.9	40.7	40.5	40.3
-72.5°	34.3	34.2	34.2	34.1	34.2	34.2	34.3	34.3	34.2	34.0	33.8
-75°	27.9	27.8	28.0	28.1	28.0	27.8	27.9	27.9	27.9	27.8	27.7
-77.5°	22.2	22.0	22.2	22.3	22.2	22.0	22.2	22.3	22.3	22.3	22.3
-80°	17.2	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2
-82.5°	12.7	12.6	12.6	12.6	12.6	12.6	12.7	12.8	12.8	12.8	12.8
-85°	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1
-87.5°	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	2.6	2.8	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.8	2.8
85°	8.3	8.4	8.4	8.5	8.6	8.6	8.6	8.4	8.2	8.0	7.6
82.5°	16.2	16.2	16.1	16.3	16.3	16.3	16.1	15.8	15.4	14.9	14.3
80°	25.1	25.1	25.0	25.4	25.5	25.5	25.2	24.7	24.0	23.2	22.4
77.5°	36.0	36.2	36.3	36.7	36.8	36.6	36.0	35.1	34.4	33.4	32.1
75°	49.7	49.9	50.2	50.5	50.5	50.3	49.7	48.6	47.2	45.5	43.2
72.5°	65.8	66.2	66.3	66.3	65.9	65.6	64.8	63.3	61.5	59.2	56.2
70°	84.8	85.1	84.9	84.4	83.7	82.8	81.4	79.4	76.9	74.2	70.5
67.5°	107.2	106.9	106.1	105.1	104.0	102.3	100.0	97.2	94.3	90.9	85.8
65°	132.6	131.7	130.7	129.3	127.2	124.3	120.8	117.2	113.4	108.8	102.3
62.5°	161.3	158.5	157.5	156.1	153.4	149.4	145.2	140.6	134.9	128.2	121.8
60°	194.7	192.3	189.8	186.6	182.6	177.7	172.3	166.1	159.1	151.6	143.0
57.5°	230.8	227.5	225.0	220.7	214.6	208.8	202.0	193.5	185.0	176.4	166.1
55°	274.0	269.5	264.2	258.2	251.6	244.1	234.9	224.9	214.6	202.7	191.7
52.5°	316.3	312.3	306.3	297.6	289.9	282.0	271.2	259.5	247.8	235.5	220.1
50°	366.4	360.3	352.0	342.0	333.9	323.1	311.1	296.9	284.8	270.7	253.6
47.5°	416.7	412.7	403.0	391.3	383.8	371.3	356.5	340.6	327.2	308.0	289.5
45°	480.3	473.2	462.2	452.2	440.4	426.6	407.6	392.4	374.5	353.6	326.7
42.5°	554.9	544.5	530.3	521.9	507.8	489.6	468.5	449.3	426.9	402.5	371.6
40°	645.3	628.2	613.7	600.2	584.1	560.1	536.7	511.2	484.4	454.4	414.2
37.5°	749.1	731.0	709.7	687.3	666.5	639.0	607.8	577.7	545.6	500.4	454.6
35°	857.2	836.5	810.2	783.1	750.7	712.3	680.0	644.6	600.7	542.0	492.0
32.5°	964.0	930.0	901.5	872.2	823.8	776.3	741.6	710.1	635.6	575.0	524.8
30°	1041.2	998.1	969.3	929.2	868.4	825.1	792.1	726.8	657.5	598.0	550.3
27.5°	1058.0	1026.2	996.9	936.7	884.4	846.1	794.5	727.9	664.9	609.0	562.7
25°	1025.6	996.5	960.9	910.8	867.1	827.8	773.7	713.3	656.8	607.5	555.6
22.5°	964.0	937.4	905.0	865.9	828.9	788.8	741.1	688.8	640.1	594.0	543.8
20°	905.1	881.2	851.2	820.2	788.3	750.4	705.0	662.3	622.7	578.0	529.5
17.5°	858.9	834.2	810.6	783.8	751.1	712.3	679.7	644.4	605.3	560.9	513.2
15°	820.3	801.7	779.2	751.0	721.0	693.4	662.4	626.3	587.3	542.4	498.1
12.5°	796.8	776.9	752.3	730.2	705.2	676.3	644.4	607.6	570.3	532.7	492.9
10°	778.0	759.2	738.9	715.6	689.3	659.3	629.4	597.4	562.7	525.8	486.4
7.5°	765.9	746.5	724.9	702.2	676.9	650.0	620.7	588.9	553.8	516.9	478.4
5°	754.2	734.8	714.1	692.3	666.5	639.5	610.5	578.7	543.5	506.3	468.7
2.5°	740.8	722.4	702.5	680.7	654.4	627.6	598.9	566.7	532.0	496.3	457.7
0°	725.7	708.8	687.3	665.4	640.6	614.4	585.7	552.8	518.8	485.1	445.0
-2.5°	711.3	693.5	673.5	651.8	628.0	600.9	572.4	540.5	505.9	471.8	432.6
-5°	693.9	676.4	656.5	633.8	609.8	583.1	554.7	523.9	489.8	456.1	418.7
-7.5°	671.3	654.6	635.7	613.1	588.7	562.0	533.3	502.5	469.3	435.9	399.6
-10°	644.3	626.5	607.3	586.2	563.4	538.1	509.7	479.0	447.0	413.8	378.8
-12.5°	612.5	595.6	576.3	555.8	533.2	508.5	482.3	452.9	423.1	389.7	356.5
-15°	578.7	563.8	544.9	523.3	500.3	476.9	452.0	424.0	396.4	363.8	332.6
-17.5°	546.4	529.9	511.3	491.4	468.3	443.7	419.6	394.0	367.3	337.6	309.0
-20°	510.1	493.4	476.1	457.0	435.0	411.3	386.8	362.3	337.3	311.4	285.4



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	469.0	454.5	438.1	420.0	398.5	376.3	353.8	330.7	307.0	284.7	261.4
-25°	425.1	411.9	395.8	378.7	359.7	339.6	319.9	299.4	279.0	258.1	237.5
-27.5°	377.6	365.4	351.4	336.4	319.6	303.3	285.9	268.2	251.7	233.3	215.3
-30°	328.9	319.4	307.4	293.3	281.6	268.0	252.2	239.6	225.3	209.6	194.9
-32.5°	282.0	274.4	264.5	255.2	245.4	234.5	223.7	212.0	199.6	188.3	176.3
-35°	239.8	233.3	228.0	221.0	211.9	204.6	196.3	186.7	177.2	168.2	158.5
-37.5°	204.9	199.2	195.3	190.1	183.7	177.0	171.5	164.9	157.1	149.9	142.0
-40°	175.1	170.4	167.5	164.4	160.0	153.7	150.3	145.4	140.0	133.0	126.7
-42.5°	151.2	149.0	145.7	143.7	140.3	136.0	131.6	128.7	124.4	119.0	113.9
-45°	132.9	131.5	128.7	126.7	124.2	120.8	116.3	114.2	110.9	107.2	102.3
-47.5°	118.3	117.3	115.2	112.6	110.6	107.7	104.6	101.6	99.7	96.5	92.5
-50°	106.2	105.2	103.3	100.7	99.0	96.7	94.2	91.3	89.5	86.7	83.4
-52.5°	95.7	94.4	92.8	90.7	88.9	87.4	85.2	82.4	80.0	78.2	75.7
-55°	85.9	84.8	83.7	82.1	80.2	78.7	76.7	74.3	72.3	70.7	68.6
-57.5°	77.6	76.6	75.4	73.9	72.2	70.8	69.2	67.3	65.3	63.8	61.8
-60°	69.1	68.1	67.2	66.1	64.8	63.5	62.1	60.6	58.7	57.2	55.5
-62.5°	61.3	60.4	59.7	58.8	57.8	56.5	55.4	54.1	52.6	51.0	49.6
-65°	53.9	53.3	52.6	51.9	51.0	50.0	49.0	47.9	46.6	45.3	43.9
-67.5°	46.7	46.2	45.6	45.1	44.5	43.7	43.0	42.0	41.0	39.9	38.8
-70°	39.9	39.4	39.0	38.6	38.3	37.8	37.2	36.5	35.6	34.7	33.7
-72.5°	33.5	33.2	32.9	32.7	32.4	32.1	31.6	31.1	30.4	29.7	28.8
-75°	27.6	27.4	27.2	27.1	26.9	26.5	26.2	25.8	25.3	24.7	24.0
-77.5°	22.2	22.1	21.9	21.8	21.6	21.3	20.9	20.6	20.3	19.8	19.3
-80°	17.2	17.2	17.0	16.9	16.8	16.6	16.3	16.0	15.6	15.2	14.8
-82.5°	12.7	12.6	12.5	12.4	12.3	12.1	11.9	11.7	11.4	11.1	10.8
-85°	8.1	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.3	7.2
-87.5°	3.6	3.6	3.5	3.6	3.7	3.8	3.9	3.8	3.8	3.7	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.0	1.8	1.6
85°	7.2	6.8	6.3	5.8	5.2	4.7	4.5	4.3	3.9	3.5	3.1
82.5°	13.5	12.9	12.2	11.4	10.6	9.7	8.8	7.8	6.6	5.4	4.7
80°	21.4	20.3	19.1	17.8	16.3	14.8	13.5	12.1	10.4	8.7	7.0
77.5°	30.4	28.5	26.5	24.7	23.0	21.0	19.0	16.6	14.1	11.9	9.8
75°	40.3	38.0	35.5	32.9	30.1	27.3	24.8	22.0	18.6	15.2	12.6
72.5°	52.7	49.0	45.3	41.5	38.1	34.7	31.1	27.3	23.2	19.3	15.5
70°	65.9	60.9	56.2	51.6	46.8	42.0	37.9	33.1	27.8	23.3	18.9
67.5°	80.0	74.5	68.6	62.1	56.2	50.6	44.9	39.0	33.1	27.3	22.3
65°	96.1	89.1	81.6	74.5	66.8	59.3	52.8	45.2	38.3	31.8	25.6
62.5°	113.7	104.6	96.5	87.5	78.5	69.6	60.5	51.9	43.5	36.3	29.3
60°	133.7	123.8	112.3	102.2	91.3	80.5	69.7	58.4	49.3	40.6	33.1
57.5°	155.6	144.0	131.8	118.4	105.6	92.8	78.8	65.9	54.9	45.4	36.7
55°	178.6	165.5	151.7	137.0	121.2	106.4	88.4	73.5	60.5	50.0	40.1
52.5°	204.3	188.6	172.8	156.1	138.8	119.6	99.1	80.7	66.8	54.5	43.7
50°	233.9	214.3	195.5	176.4	156.6	133.5	109.1	89.3	72.7	59.0	47.1
47.5°	267.7	243.9	220.6	197.7	175.8	146.4	120.1	97.5	78.2	63.8	50.3
45°	302.6	276.5	248.2	221.7	191.4	159.5	130.8	105.1	84.8	68.0	53.2
42.5°	337.8	309.5	279.1	245.9	207.4	171.9	140.5	113.6	91.0	71.8	56.3
40°	376.8	342.4	309.9	268.4	221.9	183.2	150.6	121.6	96.5	75.7	59.3
37.5°	413.9	375.9	340.3	285.6	235.2	194.7	159.8	128.7	101.6	79.9	62.1
35°	448.7	408.4	355.5	299.6	248.4	204.5	167.9	135.4	106.9	83.5	64.6
32.5°	480.4	429.2	367.2	310.5	258.8	212.5	175.2	141.4	111.5	86.7	66.8
30°	502.0	437.1	375.3	318.4	266.6	220.2	181.3	146.3	115.3	89.4	68.9
27.5°	503.1	440.7	379.6	323.3	272.0	225.8	185.8	150.3	118.4	91.9	71.0
25°	499.1	439.1	380.2	325.2	274.8	230.4	189.4	153.3	121.2	94.3	72.7
22.5°	489.9	433.5	377.4	323.9	278.0	233.6	192.3	155.8	123.4	96.2	74.1
20°	478.3	424.3	372.6	325.1	279.6	235.7	194.4	157.4	124.9	97.4	75.1
17.5°	464.0	417.0	371.8	324.9	279.6	236.3	195.4	158.2	125.6	98.1	75.7
15°	457.4	414.1	369.3	323.2	278.0	235.5	195.2	158.1	125.6	98.2	76.1
12.5°	452.2	409.6	365.3	320.0	275.0	233.4	193.9	157.2	124.8	98.2	76.4
10°	445.5	403.5	359.9	315.2	270.5	230.0	191.6	155.8	124.4	98.1	76.4
7.5°	437.3	395.7	352.9	309.1	265.2	226.2	189.1	154.2	123.6	97.5	76.2
5°	427.9	387.2	345.4	303.1	261.1	222.2	186.0	151.8	122.3	96.5	75.6
2.5°	417.7	378.3	337.0	295.9	256.0	217.1	181.9	148.7	120.5	95.2	74.8
0°	405.9	368.0	327.2	287.4	249.8	211.2	177.1	145.0	118.2	93.5	73.8
-2.5°	395.5	356.6	316.6	278.2	240.7	204.1	171.8	141.3	115.7	91.9	72.7
-5°	383.4	343.8	304.8	267.8	230.7	196.2	165.9	137.1	112.7	89.9	71.4
-7.5°	365.6	328.1	291.3	256.1	219.9	187.7	159.4	132.5	109.4	87.7	69.9
-10°	345.6	310.4	276.1	242.8	209.4	179.3	152.6	127.5	105.8	85.3	68.2
-12.5°	324.4	291.7	260.0	229.0	198.6	171.1	146.0	122.6	101.9	82.6	66.4
-15°	302.2	272.2	243.2	214.6	187.4	162.4	139.2	117.6	98.1	79.8	64.4
-17.5°	279.7	252.1	225.8	200.0	176.0	153.4	132.1	112.4	94.1	77.1	62.4
-20°	259.1	233.3	208.1	185.1	164.4	144.1	124.8	106.9	89.8	74.2	60.4



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	238.6	215.9	193.2	171.3	153.2	134.7	117.5	101.3	85.5	71.1	58.2
-25°	218.2	198.7	178.6	159.9	142.2	125.9	110.4	95.5	81.0	68.0	56.0
-27.5°	198.9	181.8	164.0	148.4	132.6	117.2	103.6	90.1	76.7	64.8	53.5
-30°	180.5	165.8	150.9	137.2	123.1	109.6	96.7	84.6	72.7	61.7	51.0
-32.5°	163.5	149.9	138.4	126.7	114.4	102.1	90.4	79.2	68.7	58.6	48.7
-35°	147.8	136.4	126.2	116.6	106.0	95.4	84.6	73.8	64.8	55.4	46.4
-37.5°	132.8	124.4	115.7	107.1	97.7	88.7	79.1	69.3	60.8	52.2	44.0
-40°	120.4	113.3	106.0	98.2	90.3	82.2	73.5	65.1	57.0	48.8	41.6
-42.5°	108.7	103.1	96.8	89.5	83.4	76.1	68.1	60.9	53.3	45.8	39.1
-45°	98.2	93.5	88.1	82.6	76.8	70.2	63.4	56.6	49.6	43.0	36.7
-47.5°	88.3	84.8	80.5	75.8	70.5	64.4	58.6	52.5	45.9	40.1	34.5
-50°	80.0	77.0	73.5	69.3	64.3	59.2	53.8	48.4	42.7	37.3	32.1
-52.5°	72.8	69.9	66.8	62.9	58.7	54.0	49.4	44.3	39.5	34.6	29.8
-55°	66.0	63.2	60.3	57.0	53.2	49.3	45.1	40.8	36.3	31.9	27.4
-57.5°	59.6	56.9	54.4	51.5	48.3	44.8	41.0	37.1	33.2	29.2	25.3
-60°	53.5	51.2	48.8	46.4	43.6	40.4	37.1	33.6	30.1	26.5	23.2
-62.5°	47.8	45.8	43.8	41.6	39.0	36.2	33.1	30.2	27.0	24.1	21.1
-65°	42.5	40.9	39.0	36.8	34.5	32.0	29.5	26.7	24.2	21.6	18.9
-67.5°	37.5	35.9	34.0	32.1	30.2	28.2	25.8	23.6	21.5	19.2	16.8
-70°	32.5	31.0	29.4	28.0	26.3	24.4	22.5	20.6	18.7	16.8	14.6
-72.5°	27.7	26.5	25.3	24.0	22.5	21.0	19.3	17.6	16.1	14.4	12.5
-75°	23.1	22.2	21.2	20.1	18.8	17.5	16.2	14.9	13.5	12.0	10.5
-77.5°	18.6	17.9	17.1	16.3	15.4	14.4	13.3	12.1	11.0	9.9	8.7
-80°	14.4	14.0	13.5	12.9	12.1	11.2	10.4	9.6	8.7	7.8	6.8
-82.5°	10.5	10.2	9.9	9.4	8.9	8.3	7.7	7.1	6.5	5.7	5.0
-85°	7.0	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.3	3.8	3.4
-87.5°	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.1	1.9	1.7
-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: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.8	2.1	1.4	0.7	0.0
80°	5.5	4.5	3.7	2.8	1.9	0.9	0.0
77.5°	7.8	5.9	4.6	3.5	2.3	1.1	0.0
75°	10.1	7.8	5.6	4.1	2.8	1.4	0.0
72.5°	12.4	9.6	7.0	4.8	3.2	1.6	0.0
70°	14.7	11.4	8.4	5.6	3.7	1.8	0.0
67.5°	17.5	13.2	9.7	6.5	4.1	2.0	0.0
65°	20.2	15.1	11.1	7.5	4.5	2.2	0.0
62.5°	22.9	17.2	12.4	8.5	5.0	2.4	0.0
60°	25.4	19.3	13.6	9.4	5.4	2.6	0.0
57.5°	28.3	21.3	15.2	10.3	5.9	2.8	0.0
55°	31.1	23.1	16.6	11.2	6.5	3.0	0.0
52.5°	33.7	25.0	18.0	12.0	7.1	3.2	0.0
50°	36.2	27.0	19.4	12.8	7.6	3.4	0.0
47.5°	38.6	28.9	20.6	13.6	8.1	3.6	0.0
45°	41.1	30.7	21.8	14.5	8.6	3.7	0.0
42.5°	43.4	32.3	22.9	15.3	9.0	3.9	0.0
40°	45.5	33.8	24.1	16.1	9.5	4.0	0.0
37.5°	47.4	35.2	25.2	16.9	9.9	4.2	0.0
35°	49.0	36.6	26.2	17.6	10.3	4.3	0.0
32.5°	50.7	37.9	27.2	18.2	10.7	4.4	0.0
30°	52.4	39.0	28.0	18.8	11.0	4.5	0.0
27.5°	53.9	40.0	28.8	19.4	11.3	4.7	0.0
25°	55.1	40.8	29.4	19.9	11.6	4.8	0.0
22.5°	56.1	41.5	30.0	20.3	11.9	4.8	0.0
20°	56.9	42.3	30.5	20.7	12.1	4.9	0.0
17.5°	57.7	42.9	30.9	21.1	12.3	5.0	0.0
15°	58.2	43.3	31.2	21.3	12.5	5.0	0.0
12.5°	58.6	43.7	31.5	21.6	12.6	5.1	0.0
10°	58.7	43.9	31.6	21.7	12.7	5.1	0.0
7.5°	58.7	44.0	31.6	21.9	12.8	5.2	0.0
5°	58.4	43.9	31.6	21.9	12.9	5.2	0.0
2.5°	57.9	43.8	31.5	21.9	12.9	5.2	0.0
0°	57.3	43.5	31.3	21.9	12.9	5.2	0.0
-2.5°	56.6	43.1	31.1	21.8	12.9	5.2	0.0
-5°	55.8	42.6	30.9	21.7	12.8	5.2	0.0
-7.5°	54.9	41.9	30.6	21.5	12.7	5.2	0.0
-10°	53.8	41.2	30.3	21.2	12.6	5.2	0.0
-12.5°	52.5	40.4	29.8	20.9	12.5	5.1	0.0
-15°	51.2	39.5	29.3	20.6	12.3	5.1	0.0
-17.5°	49.7	38.5	28.8	20.2	12.1	5.0	0.0
-20°	48.2	37.5	28.1	19.8	11.9	5.0	0.0



REPORT NUMBER: P558474 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.6	36.4	27.5	19.3	11.7	4.9	0.0
-25°	45.0	35.3	26.7	18.8	11.4	4.8	0.0
-27.5°	43.3	34.2	25.9	18.3	11.1	4.7	0.0
-30°	41.5	32.9	25.0	17.7	10.8	4.6	0.0
-32.5°	39.7	31.6	24.1	17.1	10.5	4.5	0.0
-35°	37.9	30.3	23.2	16.4	10.1	4.4	0.0
-37.5°	36.2	28.9	22.2	15.7	9.8	4.3	0.0
-40°	34.4	27.6	21.2	15.0	9.4	4.1	0.0
-42.5°	32.6	26.3	20.1	14.3	9.0	4.0	0.0
-45°	30.7	24.9	19.1	13.5	8.5	3.8	0.0
-47.5°	28.7	23.5	18.1	12.8	8.1	3.7	0.0
-50°	26.9	22.0	17.0	12.0	7.7	3.5	0.0
-52.5°	25.2	20.5	15.9	11.3	7.2	3.3	0.0
-55°	23.4	19.0	14.7	10.6	6.7	3.1	0.0
-57.5°	21.6	17.6	13.5	9.9	6.2	2.9	0.0
-60°	19.7	16.1	12.3	9.1	5.7	2.7	0.0
-62.5°	17.9	14.6	11.3	8.3	5.3	2.5	0.0
-65°	16.1	13.0	10.3	7.5	4.9	2.3	0.0
-67.5°	14.2	11.6	9.2	6.7	4.4	2.1	0.0
-70°	12.3	10.2	8.1	5.9	3.9	1.9	0.0
-72.5°	10.7	8.9	7.0	5.2	3.5	1.6	0.0
-75°	9.1	7.5	5.9	4.5	3.0	1.4	0.0
-77.5°	7.4	6.1	4.9	3.7	2.5	1.2	0.0
-80°	5.8	4.9	3.9	3.0	2.0	1.0	0.0
-82.5°	4.3	3.7	3.0	2.2	1.5	0.7	0.0
-85°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)