

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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-927-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

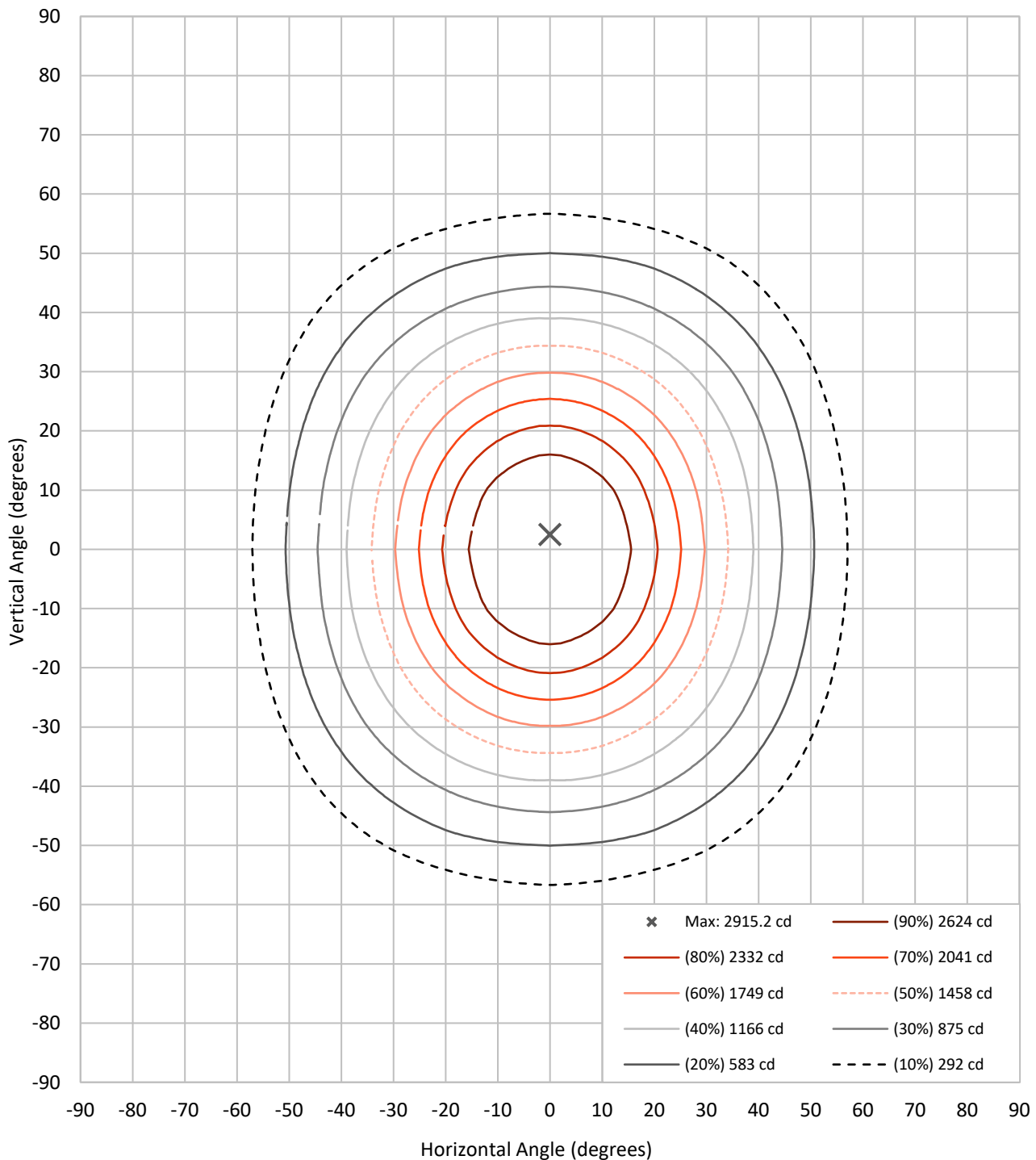
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3945.4 lumens	Max Intensity:	2915.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	89.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	2365.6 lumens	Field Lumens:	3768.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 44
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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

Iso-Candela Plot





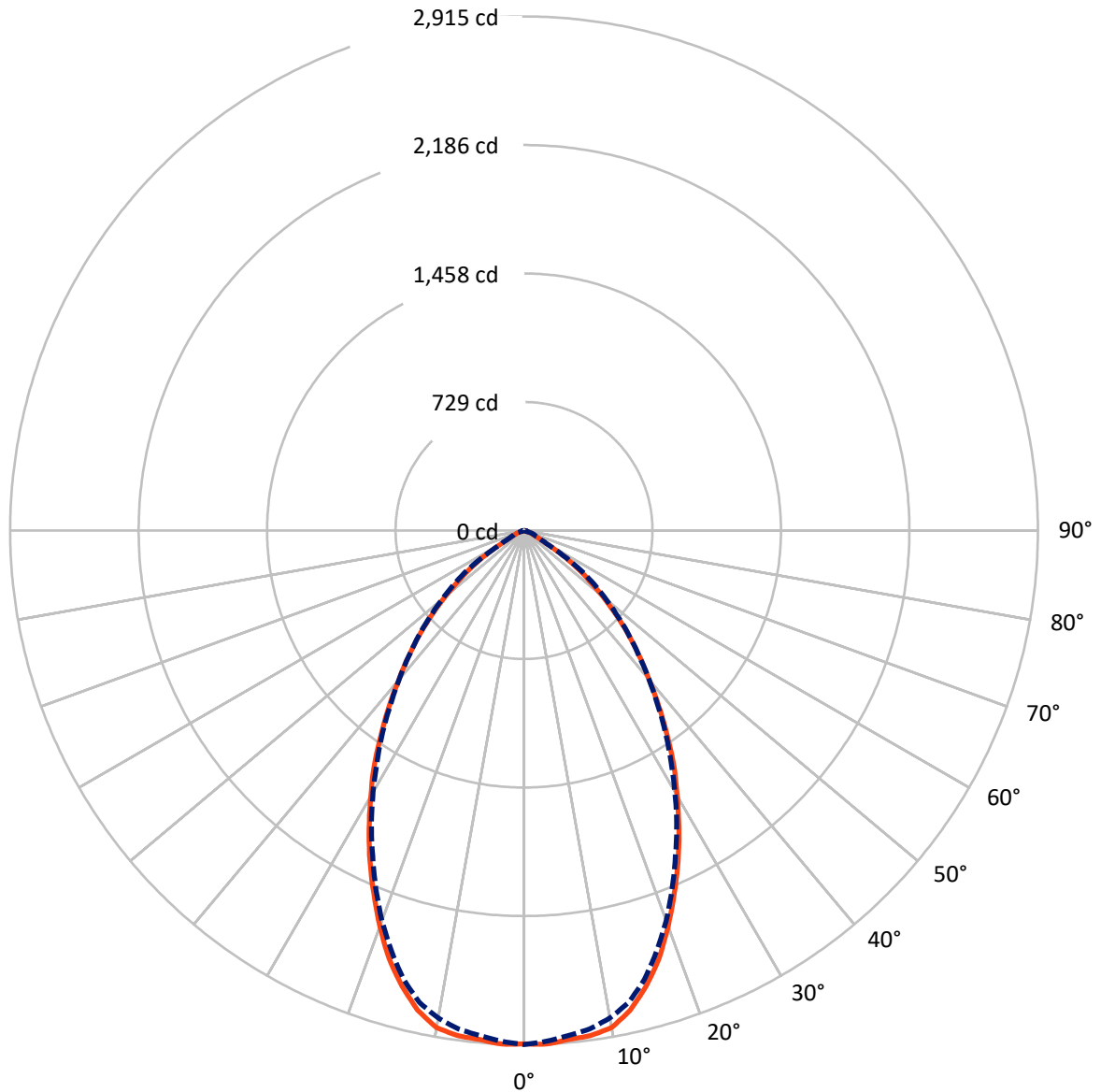
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Lumen Table

90																			
80	0.0	0.4		0.9		1.6		1.2		1.6		0.9		0.4		0.0			
70																			
60	0.2	0.3	0.5	0.8	1.2	1.6	2.0	2.2	2.2	2.0	1.6	1.2	0.8	0.5	0.3	0.2			
50		0.4	0.9	1.6	3.1	5.9	8.9	10.6	10.6	8.9	5.9	3.1	1.6	0.9	0.4				
40	0.3	0.6	1.3	3.8	9.9	16.5	22.0	25.1	25.1	22.0	16.5	9.9	3.8	1.3	0.6	0.3			
30		0.7	2.2	8.7	17.9	27.9	36.9	42.4	42.4	36.9	27.9	17.9	8.7	2.2	0.7				
20	0.3	0.8	4.0	13.2	25.3	39.6	53.0	61.4	61.4	53.0	39.6	25.3	13.2	4.0	0.8	0.3			
10		1.0	5.8	16.4	31.2	49.5	67.5	78.8	78.8	67.5	49.5	31.2	16.4	5.8	1.0				
0	0.4	1.1	6.7	18.1	34.5	55.4	75.8	86.6	86.6	75.8	55.4	34.5	18.1	6.7	1.1	0.4			
-10		1.1	6.7	18.1	34.5	55.4	75.8	86.6	86.6	75.8	55.4	34.5	18.1	6.7	1.1				
-20	0.3	1.0	5.8	16.4	31.2	49.5	67.5	78.8	78.8	67.5	49.5	31.2	16.4	5.8	1.0	0.3			
-30		0.8	4.0	13.2	25.3	39.6	53.0	61.4	61.4	53.0	39.6	25.3	13.2	4.0	0.8				
-40	0.3	0.7	2.2	8.7	17.9	27.9	36.9	42.4	42.4	36.9	27.9	17.9	8.7	2.2	0.7	0.3			
-50		0.6	1.3	3.8	9.9	16.5	22.0	25.1	25.1	22.0	16.5	9.9	3.8	1.3	0.6				
-60	0.2	0.4	0.9	1.6	3.1	5.9	8.9	10.6	10.6	8.9	5.9	3.1	1.6	0.9	0.4	0.2			
-70		0.3	0.5	0.8	1.2	1.6	2.0	2.2	2.2	2.0	1.6	1.2	0.8	0.5	0.3				
-80	0.0	0.4		0.9		1.6		1.2		1.6		0.9		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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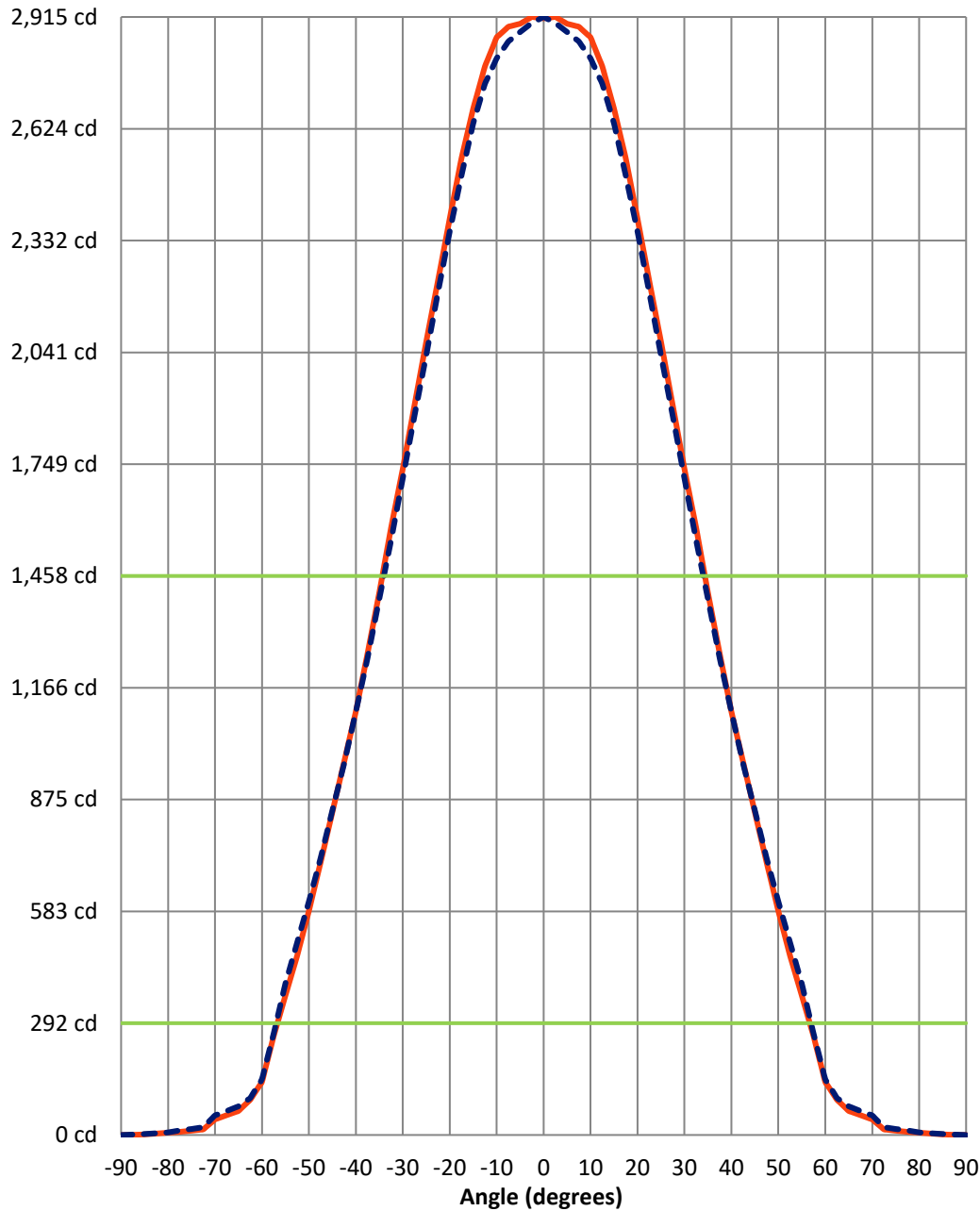
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 2365.6
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 3768.9
Efficiency: 95.5%

Spill:
Lumens: 176.5
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



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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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.6	2.1
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.8	2.4	3.0	3.7
77.5°	0.0	0.2	0.5	0.7	0.9	1.3	2.0	2.8	3.6	4.4	5.5
75°	0.0	0.3	0.6	0.9	1.2	1.9	2.9	3.8	4.9	6.5	8.1
72.5°	0.0	0.3	0.7	1.0	1.6	2.5	3.7	5.0	7.0	8.8	10.7
70°	0.0	0.4	0.8	1.1	1.9	3.0	4.5	6.9	9.0	11.2	14.2
67.5°	0.0	0.4	0.8	1.4	2.3	3.6	5.9	8.7	11.1	14.3	17.9
65°	0.0	0.5	0.9	1.6	2.7	4.3	7.2	10.4	13.6	17.3	21.4
62.5°	0.0	0.5	1.0	1.8	3.0	5.1	8.4	12.3	16.0	20.2	24.7
60°	0.0	0.5	1.1	2.0	3.3	5.9	9.5	14.2	18.3	23.4	28.0
57.5°	0.0	0.6	1.2	2.2	3.7	6.6	10.6	15.9	21.1	26.6	30.8
55°	0.0	0.6	1.3	2.3	4.2	7.3	11.6	17.2	24.0	29.5	33.3
52.5°	0.0	0.7	1.4	2.5	4.5	7.8	12.4	19.2	26.9	31.9	35.9
50°	0.0	0.7	1.5	2.6	4.9	8.3	13.2	21.0	29.5	34.2	38.5
47.5°	0.0	0.7	1.6	2.8	5.1	8.7	13.8	22.6	31.6	36.4	41.0
45°	0.0	0.8	1.7	2.9	5.3	9.1	14.9	23.9	32.5	38.5	43.4
42.5°	0.0	0.8	1.8	3.0	5.5	9.3	15.9	24.7	33.0	40.5	46.0
40°	0.0	0.8	1.9	3.2	5.6	9.4	16.6	25.0	33.4	42.1	48.6
37.5°	0.0	0.9	2.0	3.3	5.6	9.4	17.2	25.0	33.7	42.8	51.0
35°	0.0	0.9	2.1	3.5	5.6	9.6	17.5	24.9	34.1	44.4	53.5
32.5°	0.0	0.9	2.1	3.6	5.5	9.8	17.6	24.6	34.5	46.4	55.9
30°	0.0	1.0	2.2	3.7	5.4	10.0	17.3	24.2	34.8	48.8	58.2
27.5°	0.0	1.0	2.3	3.9	5.5	10.0	16.8	24.3	35.6	51.5	60.4
25°	0.0	1.0	2.3	4.0	5.7	9.8	16.2	24.3	37.5	53.7	62.5
22.5°	0.0	1.0	2.4	4.1	5.9	9.8	15.5	24.2	39.4	55.3	65.1
20°	0.0	1.0	2.4	4.2	6.0	10.3	14.6	24.1	41.5	56.8	67.5
17.5°	0.0	1.0	2.5	4.2	6.1	10.7	14.5	23.9	43.5	58.1	69.5
15°	0.0	1.1	2.5	4.3	6.3	11.0	14.7	23.8	45.4	59.3	71.3
12.5°	0.0	1.1	2.5	4.4	6.4	11.3	15.0	23.6	47.2	60.3	72.7
10°	0.0	1.1	2.6	4.4	6.5	11.6	15.2	23.1	48.6	61.1	73.8
7.5°	0.0	1.1	2.6	4.5	6.5	11.8	15.4	22.4	49.8	61.7	74.5
5°	0.0	1.1	2.6	4.5	6.6	11.9	15.5	21.4	50.6	62.2	74.8
2.5°	0.0	1.1	2.6	4.5	6.6	11.9	15.5	21.4	50.6	62.2	74.8
0°	0.0	1.1	2.6	4.5	6.7	12.0	15.7	19.1	51.0	62.6	74.6
-2.5°	0.0	1.1	2.6	4.5	6.7	12.0	15.6	20.3	51.0	62.5	74.8
-5°	0.0	1.1	2.6	4.5	6.6	11.9	15.5	21.4	50.6	62.2	74.8
-7.5°	0.0	1.1	2.6	4.5	6.5	11.8	15.4	22.4	49.8	61.7	74.5
-10°	0.0	1.1	2.6	4.4	6.5	11.6	15.2	23.1	48.6	61.1	73.8
-12.5°	0.0	1.1	2.5	4.4	6.4	11.3	15.0	23.6	47.2	60.3	72.7
-15°	0.0	1.1	2.5	4.3	6.3	11.0	14.7	23.8	45.4	59.3	71.3
-17.5°	0.0	1.0	2.5	4.2	6.1	10.7	14.5	23.9	43.5	58.1	69.5
-20°	0.0	1.0	2.4	4.2	6.0	10.3	14.6	24.1	41.5	56.8	67.5



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 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.0	2.4	4.1	5.9	9.8	15.5	24.2	39.4	55.3	65.1
-25°	0.0	1.0	2.3	4.0	5.7	9.8	16.2	24.3	37.5	53.7	62.5
-27.5°	0.0	1.0	2.3	3.9	5.5	10.0	16.8	24.3	35.6	51.5	60.4
-30°	0.0	1.0	2.2	3.7	5.4	10.0	17.3	24.2	34.8	48.8	58.2
-32.5°	0.0	0.9	2.1	3.6	5.5	9.8	17.6	24.6	34.5	46.4	55.9
-35°	0.0	0.9	2.1	3.5	5.6	9.6	17.5	24.9	34.1	44.4	53.5
-37.5°	0.0	0.9	2.0	3.3	5.6	9.4	17.2	25.0	33.7	42.8	51.0
-40°	0.0	0.8	1.9	3.2	5.6	9.4	16.6	25.0	33.4	42.1	48.6
-42.5°	0.0	0.8	1.8	3.0	5.5	9.3	15.9	24.7	33.0	40.5	46.0
-45°	0.0	0.8	1.7	2.9	5.3	9.1	14.9	23.9	32.5	38.5	43.4
-47.5°	0.0	0.7	1.6	2.8	5.1	8.7	13.8	22.6	31.6	36.4	41.0
-50°	0.0	0.7	1.5	2.6	4.9	8.3	13.2	21.0	29.5	34.2	38.5
-52.5°	0.0	0.7	1.4	2.5	4.5	7.8	12.4	19.2	26.9	31.9	35.9
-55°	0.0	0.6	1.3	2.3	4.2	7.3	11.6	17.2	24.0	29.5	33.3
-57.5°	0.0	0.6	1.2	2.2	3.7	6.6	10.6	15.9	21.1	26.6	30.8
-60°	0.0	0.5	1.1	2.0	3.3	5.9	9.5	14.2	18.3	23.4	28.0
-62.5°	0.0	0.5	1.0	1.8	3.0	5.1	8.4	12.3	16.0	20.2	24.7
-65°	0.0	0.5	0.9	1.6	2.7	4.3	7.2	10.4	13.6	17.3	21.4
-67.5°	0.0	0.4	0.8	1.4	2.3	3.6	5.9	8.7	11.1	14.3	17.9
-70°	0.0	0.4	0.8	1.1	1.9	3.0	4.5	6.9	9.0	11.2	14.2
-72.5°	0.0	0.3	0.7	1.0	1.6	2.5	3.7	5.0	7.0	8.8	10.7
-75°	0.0	0.3	0.6	0.9	1.2	1.9	2.9	3.8	4.9	6.5	8.1
-77.5°	0.0	0.2	0.5	0.7	0.9	1.3	2.0	2.8	3.6	4.4	5.5
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.8	2.4	3.0	3.7
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.6	2.1
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4
85°	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.5	1.7	2.0
82.5°	2.4	2.5	2.6	2.7	2.7	2.7	2.6	2.6	3.2	4.0	4.9
80°	4.0	4.2	4.8	5.5	5.8	5.8	5.5	4.9	5.8	7.2	9.0
77.5°	6.5	7.5	8.5	9.5	9.7	9.2	8.4	7.3	8.5	11.1	14.1
75°	9.4	10.7	12.2	13.4	13.4	12.5	11.5	11.2	13.4	16.6	19.1
72.5°	12.9	14.8	16.3	17.2	17.1	17.0	17.4	18.3	20.1	22.4	24.4
70°	17.1	19.0	20.1	20.6	20.7	21.8	23.3	24.5	25.8	28.0	30.1
67.5°	21.3	22.7	23.6	24.3	26.0	28.0	29.6	31.0	32.6	34.9	36.8
65°	25.0	26.4	27.8	29.7	32.3	34.2	36.0	37.9	40.7	43.2	44.8
62.5°	28.6	30.2	32.2	34.8	37.6	40.0	43.0	46.4	49.9	52.6	55.6
60°	31.4	33.7	36.5	39.6	42.9	46.8	50.7	54.7	58.3	61.9	66.3
57.5°	34.1	37.3	40.8	44.5	48.9	53.8	58.5	62.8	67.4	72.3	77.4
55°	37.0	41.2	45.2	49.6	54.9	61.1	66.4	71.5	76.9	85.3	92.5
52.5°	40.2	44.9	49.3	54.7	61.4	68.0	74.0	81.1	90.3	102.6	122.7
50°	43.2	48.3	53.5	60.4	67.6	74.6	83.2	93.2	111.5	134.6	174.9
47.5°	46.2	51.6	58.5	66.0	73.8	83.0	93.9	115.7	140.7	198.1	255.3
45°	49.2	55.6	63.2	71.7	81.0	92.6	115.3	142.1	210.2	276.2	344.9
42.5°	52.2	59.6	68.2	77.3	89.5	110.4	139.7	210.5	284.3	360.1	426.0
40°	55.5	63.3	73.3	84.9	100.9	132.7	198.5	278.2	361.3	432.9	497.1
37.5°	58.6	67.9	78.7	92.2	121.0	174.1	258.8	347.3	427.8	497.7	566.3
35°	61.4	72.3	85.3	105.4	140.7	228.3	320.1	410.0	487.0	561.7	636.7
32.5°	64.8	76.6	91.5	122.9	185.9	280.5	378.3	463.9	544.5	624.2	709.8
30°	68.5	81.8	100.2	139.6	230.7	331.3	428.1	515.7	599.2	687.7	779.4
27.5°	72.0	86.9	114.6	171.9	272.8	378.7	473.5	563.6	653.3	747.5	846.2
25°	75.1	91.8	128.1	207.4	313.5	419.2	515.3	606.9	703.8	806.1	910.1
22.5°	78.5	96.5	140.3	239.7	350.7	455.2	552.1	649.3	751.8	860.3	968.7
20°	82.2	106.6	160.4	269.6	384.5	487.9	585.2	688.7	796.8	909.1	1023.6
17.5°	85.6	115.6	184.3	297.9	412.9	516.4	615.0	724.4	835.9	953.3	1073.9
15°	88.6	123.3	205.5	322.9	437.0	540.5	644.0	756.0	870.6	992.9	1118.2
12.5°	91.3	129.9	223.6	344.6	457.4	561.2	668.5	782.7	901.6	1027.6	1158.2
10°	93.5	135.2	238.7	362.7	473.9	578.3	688.0	804.9	926.2	1055.5	1190.4
7.5°	95.0	139.6	250.7	377.2	486.7	591.6	702.8	822.5	944.3	1077.3	1214.7
5°	95.9	143.2	259.3	387.9	496.0	601.7	713.5	835.1	955.9	1092.6	1231.1
2.5°	96.3	145.6	264.5	394.7	501.8	608.8	722.3	846.1	968.0	1103.5	1243.8
0°	96.3	146.9	266.4	397.6	504.0	612.0	726.6	851.8	975.8	1108.1	1252.4
-2.5°	96.3	145.6	264.5	394.7	501.8	608.8	722.3	846.1	968.0	1103.5	1243.8
-5°	95.9	143.2	259.3	387.9	496.0	601.7	713.5	835.1	955.9	1092.6	1231.1
-7.5°	95.0	139.6	250.7	377.2	486.7	591.6	702.8	822.5	944.3	1077.3	1214.7
-10°	93.5	135.2	238.7	362.7	473.9	578.3	688.0	804.9	926.2	1055.5	1190.4
-12.5°	91.3	129.9	223.6	344.6	457.4	561.2	668.5	782.7	901.6	1027.6	1158.2
-15°	88.6	123.3	205.5	322.9	437.0	540.5	644.0	756.0	870.6	992.9	1118.2
-17.5°	85.6	115.6	184.3	297.9	412.9	516.4	615.0	724.4	835.9	953.3	1073.9
-20°	82.2	106.6	160.4	269.6	384.5	487.9	585.2	688.7	796.8	909.1	1023.6



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	78.5	96.5	140.3	239.7	350.7	455.2	552.1	649.3	751.8	860.3	968.7
-25°	75.1	91.8	128.1	207.4	313.5	419.2	515.3	606.9	703.8	806.1	910.1
-27.5°	72.0	86.9	114.6	171.9	272.8	378.7	473.5	563.6	653.3	747.5	846.2
-30°	68.5	81.8	100.2	139.6	230.7	331.3	428.1	515.7	599.2	687.7	779.4
-32.5°	64.8	76.6	91.5	122.9	185.9	280.5	378.3	463.9	544.5	624.2	709.8
-35°	61.4	72.3	85.3	105.4	140.7	228.3	320.1	410.0	487.0	561.7	636.7
-37.5°	58.6	67.9	78.7	92.2	121.0	174.1	258.8	347.3	427.8	497.7	566.3
-40°	55.5	63.3	73.3	84.9	100.9	132.7	198.5	278.2	361.3	432.9	497.1
-42.5°	52.2	59.6	68.2	77.3	89.5	110.4	139.7	210.5	284.3	360.1	426.0
-45°	49.2	55.6	63.2	71.7	81.0	92.6	115.3	142.1	210.2	276.2	344.9
-47.5°	46.2	51.6	58.5	66.0	73.8	83.0	93.9	115.7	140.7	198.1	255.3
-50°	43.2	48.3	53.5	60.4	67.6	74.6	83.2	93.2	111.5	134.6	174.9
-52.5°	40.2	44.9	49.3	54.7	61.4	68.0	74.0	81.1	90.3	102.6	122.7
-55°	37.0	41.2	45.2	49.6	54.9	61.1	66.4	71.5	76.9	85.3	92.5
-57.5°	34.1	37.3	40.8	44.5	48.9	53.8	58.5	62.8	67.4	72.3	77.4
-60°	31.4	33.7	36.5	39.6	42.9	46.8	50.7	54.7	58.3	61.9	66.3
-62.5°	28.6	30.2	32.2	34.8	37.6	40.0	43.0	46.4	49.9	52.6	55.6
-65°	25.0	26.4	27.8	29.7	32.3	34.2	36.0	37.9	40.7	43.2	44.8
-67.5°	21.3	22.7	23.6	24.3	26.0	28.0	29.6	31.0	32.6	34.9	36.8
-70°	17.1	19.0	20.1	20.6	20.7	21.8	23.3	24.5	25.8	28.0	30.1
-72.5°	12.9	14.8	16.3	17.2	17.1	17.0	17.4	18.3	20.1	22.4	24.4
-75°	9.4	10.7	12.2	13.4	13.4	12.5	11.5	11.2	13.4	16.6	19.1
-77.5°	6.5	7.5	8.5	9.5	9.7	9.2	8.4	7.3	8.5	11.1	14.1
-80°	4.0	4.2	4.8	5.5	5.8	5.8	5.5	4.9	5.8	7.2	9.0
-82.5°	2.4	2.5	2.6	2.7	2.7	2.7	2.6	2.6	3.2	4.0	4.9
-85°	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.5	1.7	2.0
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4
-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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	2.3	2.3	2.2	2.0	1.9	1.9	2.0	2.0	2.1	2.0	1.8
82.5°	5.9	6.3	6.7	7.1	7.6	7.5	7.3	7.0	6.6	5.9	5.1
80°	11.0	12.0	12.7	13.3	13.7	13.3	12.6	11.9	11.1	9.8	8.5
77.5°	17.1	18.1	18.7	19.3	20.0	20.2	20.2	20.3	20.4	18.1	15.1
75°	21.2	22.6	23.7	24.7	25.6	26.1	26.3	26.6	26.9	23.8	19.8
72.5°	26.1	27.4	28.5	29.6	30.6	31.3	31.9	32.3	32.7	30.2	26.7
70°	31.8	33.1	34.4	35.5	36.6	37.6	38.4	39.3	40.0	40.1	40.3
67.5°	38.2	39.0	40.4	41.8	43.5	44.8	46.1	47.4	48.6	49.6	50.5
65°	46.1	49.0	51.9	53.3	53.4	55.2	58.0	59.5	60.0	60.3	61.2
62.5°	59.5	63.2	65.1	67.6	71.1	74.8	76.3	78.3	80.8	83.7	86.3
60°	70.1	73.3	77.9	82.6	86.8	90.6	99.8	108.0	115.1	121.1	127.0
57.5°	83.3	88.4	95.5	108.3	120.0	130.5	148.6	170.6	190.3	207.5	222.6
55°	104.3	119.2	132.7	162.8	195.0	222.9	249.0	276.9	299.7	317.5	333.9
52.5°	140.1	181.2	222.8	261.9	300.4	335.5	366.9	391.7	411.0	425.5	439.2
50°	224.3	273.8	324.5	371.2	409.0	443.5	476.2	500.8	521.4	539.1	554.7
47.5°	316.0	373.9	421.8	464.9	505.7	544.0	579.8	609.7	635.0	658.4	677.8
45°	407.3	459.1	508.2	554.4	598.8	641.8	680.3	714.3	747.8	775.4	797.3
42.5°	484.5	539.4	591.6	644.5	694.1	742.3	788.9	830.2	865.8	896.0	920.3
40°	558.6	617.8	679.9	738.6	797.5	852.5	904.0	951.2	991.7	1027.5	1057.8
37.5°	634.1	703.2	771.4	838.2	903.1	962.9	1022.1	1076.5	1124.0	1165.9	1201.1
35°	713.7	789.8	864.0	939.4	1010.2	1079.4	1144.8	1204.8	1257.3	1306.7	1349.1
32.5°	793.4	875.9	959.5	1041.0	1119.5	1197.0	1268.8	1336.3	1398.5	1453.1	1498.4
30°	871.0	961.9	1051.3	1140.1	1229.7	1314.2	1393.6	1467.8	1535.2	1594.7	1646.2
27.5°	945.5	1043.2	1139.1	1240.7	1338.0	1429.9	1516.2	1596.0	1671.3	1739.0	1797.3
25°	1014.5	1118.2	1230.0	1336.6	1440.7	1542.6	1637.2	1723.8	1809.9	1884.3	1947.7
22.5°	1079.6	1195.3	1313.0	1424.8	1539.8	1651.8	1757.7	1858.1	1950.0	2028.0	2095.6
20°	1141.5	1266.1	1387.4	1511.1	1635.6	1756.5	1873.1	1980.4	2077.5	2162.5	2238.8
17.5°	1200.1	1328.9	1457.8	1590.0	1724.4	1851.5	1975.0	2091.7	2197.8	2292.1	2378.0
15°	1250.7	1383.9	1521.8	1662.3	1802.9	1938.0	2069.1	2196.3	2315.5	2418.2	2504.9
12.5°	1293.7	1432.4	1578.4	1725.8	1873.9	2015.6	2154.5	2290.6	2417.4	2527.7	2616.8
10°	1329.4	1474.7	1627.1	1780.7	1932.7	2079.9	2224.3	2365.1	2501.3	2615.7	2707.2
7.5°	1359.1	1510.0	1666.0	1824.1	1977.5	2130.3	2281.0	2423.3	2557.5	2678.1	2772.0
5°	1381.3	1534.7	1694.0	1856.1	2011.8	2170.1	2325.3	2470.9	2603.7	2713.0	2789.7
2.5°	1397.8	1550.1	1712.2	1875.4	2033.1	2197.1	2355.6	2501.4	2637.3	2740.8	2807.1
0°	1409.1	1558.6	1728.7	1888.7	2049.1	2217.4	2374.0	2521.3	2657.7	2758.9	2827.5
-2.5°	1397.8	1550.1	1712.2	1875.4	2033.1	2197.1	2355.6	2501.4	2637.3	2740.8	2807.1
-5°	1381.3	1534.7	1694.0	1856.1	2011.8	2170.1	2325.3	2470.9	2603.7	2713.0	2789.7
-7.5°	1359.1	1510.0	1666.0	1824.1	1977.5	2130.3	2281.0	2423.3	2557.5	2678.1	2772.0
-10°	1329.4	1474.7	1627.1	1780.7	1932.7	2079.9	2224.3	2365.1	2501.3	2615.7	2707.2
-12.5°	1293.7	1432.4	1578.4	1725.8	1873.9	2015.6	2154.5	2290.6	2417.4	2527.7	2616.8
-15°	1250.7	1383.9	1521.8	1662.3	1802.9	1938.0	2069.1	2196.3	2315.5	2418.2	2504.9
-17.5°	1200.1	1328.9	1457.8	1590.0	1724.4	1851.5	1975.0	2091.7	2197.8	2292.1	2378.0
-20°	1141.5	1266.1	1387.4	1511.1	1635.6	1756.5	1873.1	1980.4	2077.5	2162.5	2238.8



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1079.6	1195.3	1313.0	1424.8	1539.8	1651.8	1757.7	1858.1	1950.0	2028.0	2095.6
-25°	1014.5	1118.2	1230.0	1336.6	1440.7	1542.6	1637.2	1723.8	1809.9	1884.3	1947.7
-27.5°	945.5	1043.2	1139.1	1240.7	1338.0	1429.9	1516.2	1596.0	1671.3	1739.0	1797.3
-30°	871.0	961.9	1051.3	1140.1	1229.7	1314.2	1393.6	1467.8	1535.2	1594.7	1646.2
-32.5°	793.4	875.9	959.5	1041.0	1119.5	1197.0	1268.8	1336.3	1398.5	1453.1	1498.4
-35°	713.7	789.8	864.0	939.4	1010.2	1079.4	1144.8	1204.8	1257.3	1306.7	1349.1
-37.5°	634.1	703.2	771.4	838.2	903.1	962.9	1022.1	1076.5	1124.0	1165.9	1201.1
-40°	558.6	617.8	679.9	738.6	797.5	852.5	904.0	951.2	991.7	1027.5	1057.8
-42.5°	484.5	539.4	591.6	644.5	694.1	742.3	788.9	830.2	865.8	896.0	920.3
-45°	407.3	459.1	508.2	554.4	598.8	641.8	680.3	714.3	747.8	775.4	797.3
-47.5°	316.0	373.9	421.8	464.9	505.7	544.0	579.8	609.7	635.0	658.4	677.8
-50°	224.3	273.8	324.5	371.2	409.0	443.5	476.2	500.8	521.4	539.1	554.7
-52.5°	140.1	181.2	222.8	261.9	300.4	335.5	366.9	391.7	411.0	425.5	439.2
-55°	104.3	119.2	132.7	162.8	195.0	222.9	249.0	276.9	299.7	317.5	333.9
-57.5°	83.3	88.4	95.5	108.3	120.0	130.5	148.6	170.6	190.3	207.5	222.6
-60°	70.1	73.3	77.9	82.6	86.8	90.6	99.8	108.0	115.1	121.1	127.0
-62.5°	59.5	63.2	65.1	67.6	71.1	74.8	76.3	78.3	80.8	83.7	86.3
-65°	46.1	49.0	51.9	53.3	53.4	55.2	58.0	59.5	60.0	60.3	61.2
-67.5°	38.2	39.0	40.4	41.8	43.5	44.8	46.1	47.4	48.6	49.6	50.5
-70°	31.8	33.1	34.4	35.5	36.6	37.6	38.4	39.3	40.0	40.1	40.3
-72.5°	26.1	27.4	28.5	29.6	30.6	31.3	31.9	32.3	32.7	30.2	26.7
-75°	21.2	22.6	23.7	24.7	25.6	26.1	26.3	26.6	26.9	23.8	19.8
-77.5°	17.1	18.1	18.7	19.3	20.0	20.2	20.2	20.3	20.4	18.1	15.1
-80°	11.0	12.0	12.7	13.3	13.7	13.3	12.6	11.9	11.1	9.8	8.5
-82.5°	5.9	6.3	6.7	7.1	7.6	7.5	7.3	7.0	6.6	5.9	5.1
-85°	2.3	2.3	2.2	2.0	1.9	1.9	2.0	2.0	2.1	2.0	1.8
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.8	2.0	2.1	2.0
82.5°	4.3	3.4	3.5	3.7	3.5	3.4	4.3	5.1	5.9	6.6	7.0
80°	7.1	5.6	5.8	6.0	5.8	5.6	7.1	8.5	9.8	11.1	11.9
77.5°	12.0	8.7	8.4	8.2	8.4	8.7	12.0	15.1	18.1	20.4	20.3
75°	15.7	11.4	11.2	11.2	11.2	11.4	15.7	19.8	23.8	26.9	26.6
72.5°	23.2	19.6	17.1	14.6	17.1	19.6	23.2	26.7	30.2	32.7	32.3
70°	40.8	41.3	41.1	40.5	41.1	41.3	40.8	40.3	40.1	40.0	39.3
67.5°	51.2	51.7	51.8	51.7	51.8	51.7	51.2	50.5	49.6	48.6	47.4
65°	61.8	62.2	62.5	62.6	62.5	62.2	61.8	61.2	60.3	60.0	59.5
62.5°	88.2	89.5	90.9	91.8	90.9	89.5	88.2	86.3	83.7	80.8	78.3
60°	132.0	136.2	138.1	138.3	138.1	136.2	132.0	127.0	121.1	115.1	108.0
57.5°	234.7	243.7	251.8	257.8	251.8	243.7	234.7	222.6	207.5	190.3	170.6
55°	347.0	356.6	362.1	363.5	362.1	356.6	347.0	333.9	317.5	299.7	276.9
52.5°	449.6	456.0	462.1	467.3	462.1	456.0	449.6	439.2	425.5	411.0	391.7
50°	566.5	573.6	579.6	584.2	579.6	573.6	566.5	554.7	539.1	521.4	500.8
47.5°	691.4	700.2	706.6	710.9	706.6	700.2	691.4	677.8	658.4	635.0	609.7
45°	816.1	831.0	840.1	841.7	840.1	831.0	816.1	797.3	775.4	747.8	714.3
42.5°	941.3	955.7	965.4	972.5	965.4	955.7	941.3	920.3	896.0	865.8	830.2
40°	1083.0	1101.0	1109.3	1104.0	1109.3	1101.0	1083.0	1057.8	1027.5	991.7	951.2
37.5°	1228.2	1246.7	1256.2	1255.8	1256.2	1246.7	1228.2	1201.1	1165.9	1124.0	1076.5
35°	1382.1	1405.0	1417.4	1414.3	1417.4	1405.0	1382.1	1349.1	1306.7	1257.3	1204.8
32.5°	1534.6	1562.3	1580.1	1582.9	1580.1	1562.3	1534.6	1498.4	1453.1	1398.5	1336.3
30°	1687.5	1717.4	1735.2	1737.0	1735.2	1717.4	1687.5	1646.2	1594.7	1535.2	1467.8
27.5°	1846.3	1879.9	1898.5	1903.0	1898.5	1879.9	1846.3	1797.3	1739.0	1671.3	1596.0
25°	2001.8	2039.1	2060.5	2068.6	2060.5	2039.1	2001.8	1947.7	1884.3	1809.9	1723.8
22.5°	2151.8	2192.6	2220.5	2227.5	2220.5	2192.6	2151.8	2095.6	2028.0	1950.0	1858.1
20°	2302.1	2350.2	2385.9	2389.4	2385.9	2350.2	2302.1	2238.8	2162.5	2077.5	1980.4
17.5°	2446.9	2499.0	2537.1	2546.4	2537.1	2499.0	2446.9	2378.0	2292.1	2197.8	2091.7
15°	2576.5	2631.2	2668.0	2676.1	2668.0	2631.2	2576.5	2504.9	2418.2	2315.5	2196.3
12.5°	2688.3	2738.8	2773.1	2786.3	2773.1	2738.8	2688.3	2616.8	2527.7	2417.4	2290.6
10°	2778.5	2817.4	2848.1	2862.0	2848.1	2817.4	2778.5	2707.2	2615.7	2501.3	2365.1
7.5°	2828.7	2860.8	2882.0	2889.7	2882.0	2860.8	2828.7	2772.0	2678.1	2557.5	2423.3
5°	2848.6	2879.3	2890.8	2897.6	2890.8	2879.3	2848.6	2789.7	2713.0	2603.7	2470.9
2.5°	2851.3	2875.9	2899.6	2915.2	2899.6	2875.9	2851.3	2807.1	2740.8	2637.3	2501.4
0°	2867.2	2891.2	2904.3	2911.8	2904.3	2891.2	2867.2	2827.5	2758.9	2657.7	2521.3
-2.5°	2851.3	2875.9	2899.6	2915.2	2899.6	2875.9	2851.3	2807.1	2740.8	2637.3	2501.4
-5°	2848.6	2879.3	2890.8	2897.6	2890.8	2879.3	2848.6	2789.7	2713.0	2603.7	2470.9
-7.5°	2828.7	2860.8	2882.0	2889.7	2882.0	2860.8	2828.7	2772.0	2678.1	2557.5	2423.3
-10°	2778.5	2817.4	2848.1	2862.0	2848.1	2817.4	2778.5	2707.2	2615.7	2501.3	2365.1
-12.5°	2688.3	2738.8	2773.1	2786.3	2773.1	2738.8	2688.3	2616.8	2527.7	2417.4	2290.6
-15°	2576.5	2631.2	2668.0	2676.1	2668.0	2631.2	2576.5	2504.9	2418.2	2315.5	2196.3
-17.5°	2446.9	2499.0	2537.1	2546.4	2537.1	2499.0	2446.9	2378.0	2292.1	2197.8	2091.7
-20°	2302.1	2350.2	2385.9	2389.4	2385.9	2350.2	2302.1	2238.8	2162.5	2077.5	1980.4



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2151.8	2192.6	2220.5	2227.5	2220.5	2192.6	2151.8	2095.6	2028.0	1950.0	1858.1
-25°	2001.8	2039.1	2060.5	2068.6	2060.5	2039.1	2001.8	1947.7	1884.3	1809.9	1723.8
-27.5°	1846.3	1879.9	1898.5	1903.0	1898.5	1879.9	1846.3	1797.3	1739.0	1671.3	1596.0
-30°	1687.5	1717.4	1735.2	1737.0	1735.2	1717.4	1687.5	1646.2	1594.7	1535.2	1467.8
-32.5°	1534.6	1562.3	1580.1	1582.9	1580.1	1562.3	1534.6	1498.4	1453.1	1398.5	1336.3
-35°	1382.1	1405.0	1417.4	1414.3	1417.4	1405.0	1382.1	1349.1	1306.7	1257.3	1204.8
-37.5°	1228.2	1246.7	1256.2	1255.8	1256.2	1246.7	1228.2	1201.1	1165.9	1124.0	1076.5
-40°	1083.0	1101.0	1109.3	1104.0	1109.3	1101.0	1083.0	1057.8	1027.5	991.7	951.2
-42.5°	941.3	955.7	965.4	972.5	965.4	955.7	941.3	920.3	896.0	865.8	830.2
-45°	816.1	831.0	840.1	841.7	840.1	831.0	816.1	797.3	775.4	747.8	714.3
-47.5°	691.4	700.2	706.6	710.9	706.6	700.2	691.4	677.8	658.4	635.0	609.7
-50°	566.5	573.6	579.6	584.2	579.6	573.6	566.5	554.7	539.1	521.4	500.8
-52.5°	449.6	456.0	462.1	467.3	462.1	456.0	449.6	439.2	425.5	411.0	391.7
-55°	347.0	356.6	362.1	363.5	362.1	356.6	347.0	333.9	317.5	299.7	276.9
-57.5°	234.7	243.7	251.8	257.8	251.8	243.7	234.7	222.6	207.5	190.3	170.6
-60°	132.0	136.2	138.1	138.3	138.1	136.2	132.0	127.0	121.1	115.1	108.0
-62.5°	88.2	89.5	90.9	91.8	90.9	89.5	88.2	86.3	83.7	80.8	78.3
-65°	61.8	62.2	62.5	62.6	62.5	62.2	61.8	61.2	60.3	60.0	59.5
-67.5°	51.2	51.7	51.8	51.7	51.8	51.7	51.2	50.5	49.6	48.6	47.4
-70°	40.8	41.3	41.1	40.5	41.1	41.3	40.8	40.3	40.1	40.0	39.3
-72.5°	23.2	19.6	17.1	14.6	17.1	19.6	23.2	26.7	30.2	32.7	32.3
-75°	15.7	11.4	11.2	11.2	11.2	11.4	15.7	19.8	23.8	26.9	26.6
-77.5°	12.0	8.7	8.4	8.2	8.4	8.7	12.0	15.1	18.1	20.4	20.3
-80°	7.1	5.6	5.8	6.0	5.8	5.6	7.1	8.5	9.8	11.1	11.9
-82.5°	4.3	3.4	3.5	3.7	3.5	3.4	4.3	5.1	5.9	6.6	7.0
-85°	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.8	2.0	2.1	2.0
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.5
85°	2.0	1.9	1.9	2.0	2.2	2.3	2.3	2.0	1.7	1.5	1.3
82.5°	7.3	7.5	7.6	7.1	6.7	6.3	5.9	4.9	4.0	3.2	2.6
80°	12.6	13.3	13.7	13.3	12.7	12.0	11.0	9.0	7.2	5.8	4.9
77.5°	20.2	20.2	20.0	19.3	18.7	18.1	17.1	14.1	11.1	8.5	7.3
75°	26.3	26.1	25.6	24.7	23.7	22.6	21.2	19.1	16.6	13.4	11.2
72.5°	31.9	31.3	30.6	29.6	28.5	27.4	26.1	24.4	22.4	20.1	18.3
70°	38.4	37.6	36.6	35.5	34.4	33.1	31.8	30.1	28.0	25.8	24.5
67.5°	46.1	44.8	43.5	41.8	40.4	39.0	38.2	36.8	34.9	32.6	31.0
65°	58.0	55.2	53.4	53.3	51.9	49.0	46.1	44.8	43.2	40.7	37.9
62.5°	76.3	74.8	71.1	67.6	65.1	63.2	59.5	55.6	52.6	49.9	46.4
60°	99.8	90.6	86.8	82.6	77.9	73.3	70.1	66.3	61.9	58.3	54.7
57.5°	148.6	130.5	120.0	108.3	95.5	88.4	83.3	77.4	72.3	67.4	62.8
55°	249.0	222.9	195.0	162.8	132.7	119.2	104.3	92.5	85.3	76.9	71.5
52.5°	366.9	335.5	300.4	261.9	222.8	181.2	140.1	122.7	102.6	90.3	81.1
50°	476.2	443.5	409.0	371.2	324.5	273.8	224.3	174.9	134.6	111.5	93.2
47.5°	579.8	544.0	505.7	464.9	421.8	373.9	316.0	255.3	198.1	140.7	115.7
45°	680.3	641.8	598.8	554.4	508.2	459.1	407.3	344.9	276.2	210.2	142.1
42.5°	788.9	742.3	694.1	644.5	591.6	539.4	484.5	426.0	360.1	284.3	210.5
40°	904.0	852.5	797.5	738.6	679.9	617.8	558.6	497.1	432.9	361.3	278.2
37.5°	1022.1	962.9	903.1	838.2	771.4	703.2	634.1	566.3	497.7	427.8	347.3
35°	1144.8	1079.4	1010.2	939.4	864.0	789.8	713.7	636.7	561.7	487.0	410.0
32.5°	1268.8	1197.0	1119.5	1041.0	959.5	875.9	793.4	709.8	624.2	544.5	463.9
30°	1393.6	1314.2	1229.7	1140.1	1051.3	961.9	871.0	779.4	687.7	599.2	515.7
27.5°	1516.2	1429.9	1338.0	1240.7	1139.1	1043.2	945.5	846.2	747.5	653.3	563.6
25°	1637.2	1542.6	1440.7	1336.6	1230.0	1118.2	1014.5	910.1	806.1	703.8	606.9
22.5°	1757.7	1651.8	1539.8	1424.8	1313.0	1195.3	1079.6	968.7	860.3	751.8	649.3
20°	1873.1	1756.5	1635.6	1511.1	1387.4	1266.1	1141.5	1023.6	909.1	796.8	688.7
17.5°	1975.0	1851.5	1724.4	1590.0	1457.8	1328.9	1200.1	1073.9	953.3	835.9	724.4
15°	2069.1	1938.0	1802.9	1662.3	1521.8	1383.9	1250.7	1118.2	992.9	870.6	756.0
12.5°	2154.5	2015.6	1873.9	1725.8	1578.4	1432.4	1293.7	1158.2	1027.6	901.6	782.7
10°	2224.3	2079.9	1932.7	1780.7	1627.1	1474.7	1329.4	1190.4	1055.5	926.2	804.9
7.5°	2281.0	2130.3	1977.5	1824.1	1666.0	1510.0	1359.1	1214.7	1077.3	944.3	822.5
5°	2325.3	2170.1	2011.8	1856.1	1694.0	1534.7	1381.3	1231.1	1092.6	955.9	835.1
2.5°	2355.6	2197.1	2033.1	1875.4	1712.2	1550.1	1397.8	1243.8	1103.5	968.0	846.1
0°	2374.0	2217.4	2049.1	1888.7	1728.7	1558.6	1409.1	1252.4	1108.1	975.8	851.8
-2.5°	2355.6	2197.1	2033.1	1875.4	1712.2	1550.1	1397.8	1243.8	1103.5	968.0	846.1
-5°	2325.3	2170.1	2011.8	1856.1	1694.0	1534.7	1381.3	1231.1	1092.6	955.9	835.1
-7.5°	2281.0	2130.3	1977.5	1824.1	1666.0	1510.0	1359.1	1214.7	1077.3	944.3	822.5
-10°	2224.3	2079.9	1932.7	1780.7	1627.1	1474.7	1329.4	1190.4	1055.5	926.2	804.9
-12.5°	2154.5	2015.6	1873.9	1725.8	1578.4	1432.4	1293.7	1158.2	1027.6	901.6	782.7
-15°	2069.1	1938.0	1802.9	1662.3	1521.8	1383.9	1250.7	1118.2	992.9	870.6	756.0
-17.5°	1975.0	1851.5	1724.4	1590.0	1457.8	1328.9	1200.1	1073.9	953.3	835.9	724.4
-20°	1873.1	1756.5	1635.6	1511.1	1387.4	1266.1	1141.5	1023.6	909.1	796.8	688.7



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1757.7	1651.8	1539.8	1424.8	1313.0	1195.3	1079.6	968.7	860.3	751.8	649.3
-25°	1637.2	1542.6	1440.7	1336.6	1230.0	1118.2	1014.5	910.1	806.1	703.8	606.9
-27.5°	1516.2	1429.9	1338.0	1240.7	1139.1	1043.2	945.5	846.2	747.5	653.3	563.6
-30°	1393.6	1314.2	1229.7	1140.1	1051.3	961.9	871.0	779.4	687.7	599.2	515.7
-32.5°	1268.8	1197.0	1119.5	1041.0	959.5	875.9	793.4	709.8	624.2	544.5	463.9
-35°	1144.8	1079.4	1010.2	939.4	864.0	789.8	713.7	636.7	561.7	487.0	410.0
-37.5°	1022.1	962.9	903.1	838.2	771.4	703.2	634.1	566.3	497.7	427.8	347.3
-40°	904.0	852.5	797.5	738.6	679.9	617.8	558.6	497.1	432.9	361.3	278.2
-42.5°	788.9	742.3	694.1	644.5	591.6	539.4	484.5	426.0	360.1	284.3	210.5
-45°	680.3	641.8	598.8	554.4	508.2	459.1	407.3	344.9	276.2	210.2	142.1
-47.5°	579.8	544.0	505.7	464.9	421.8	373.9	316.0	255.3	198.1	140.7	115.7
-50°	476.2	443.5	409.0	371.2	324.5	273.8	224.3	174.9	134.6	111.5	93.2
-52.5°	366.9	335.5	300.4	261.9	222.8	181.2	140.1	122.7	102.6	90.3	81.1
-55°	249.0	222.9	195.0	162.8	132.7	119.2	104.3	92.5	85.3	76.9	71.5
-57.5°	148.6	130.5	120.0	108.3	95.5	88.4	83.3	77.4	72.3	67.4	62.8
-60°	99.8	90.6	86.8	82.6	77.9	73.3	70.1	66.3	61.9	58.3	54.7
-62.5°	76.3	74.8	71.1	67.6	65.1	63.2	59.5	55.6	52.6	49.9	46.4
-65°	58.0	55.2	53.4	53.3	51.9	49.0	46.1	44.8	43.2	40.7	37.9
-67.5°	46.1	44.8	43.5	41.8	40.4	39.0	38.2	36.8	34.9	32.6	31.0
-70°	38.4	37.6	36.6	35.5	34.4	33.1	31.8	30.1	28.0	25.8	24.5
-72.5°	31.9	31.3	30.6	29.6	28.5	27.4	26.1	24.4	22.4	20.1	18.3
-75°	26.3	26.1	25.6	24.7	23.7	22.6	21.2	19.1	16.6	13.4	11.2
-77.5°	20.2	20.2	20.0	19.3	18.7	18.1	17.1	14.1	11.1	8.5	7.3
-80°	12.6	13.3	13.7	13.3	12.7	12.0	11.0	9.0	7.2	5.8	4.9
-82.5°	7.3	7.5	7.6	7.1	6.7	6.3	5.9	4.9	4.0	3.2	2.6
-85°	2.0	1.9	1.9	2.0	2.2	2.3	2.3	2.0	1.7	1.5	1.3
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.5
-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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3
85°	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.7
82.5°	2.6	2.7	2.7	2.7	2.6	2.5	2.4	2.1	1.6	1.2	1.0
80°	5.5	5.8	5.8	5.5	4.8	4.2	4.0	3.7	3.0	2.4	1.8
77.5°	8.4	9.2	9.7	9.5	8.5	7.5	6.5	5.5	4.4	3.6	2.8
75°	11.5	12.5	13.4	13.4	12.2	10.7	9.4	8.1	6.5	4.9	3.8
72.5°	17.4	17.0	17.1	17.2	16.3	14.8	12.9	10.7	8.8	7.0	5.0
70°	23.3	21.8	20.7	20.6	20.1	19.0	17.1	14.2	11.2	9.0	6.9
67.5°	29.6	28.0	26.0	24.3	23.6	22.7	21.3	17.9	14.3	11.1	8.7
65°	36.0	34.2	32.3	29.7	27.8	26.4	25.0	21.4	17.3	13.6	10.4
62.5°	43.0	40.0	37.6	34.8	32.2	30.2	28.6	24.7	20.2	16.0	12.3
60°	50.7	46.8	42.9	39.6	36.5	33.7	31.4	28.0	23.4	18.3	14.2
57.5°	58.5	53.8	48.9	44.5	40.8	37.3	34.1	30.8	26.6	21.1	15.9
55°	66.4	61.1	54.9	49.6	45.2	41.2	37.0	33.3	29.5	24.0	17.2
52.5°	74.0	68.0	61.4	54.7	49.3	44.9	40.2	35.9	31.9	26.9	19.2
50°	83.2	74.6	67.6	60.4	53.5	48.3	43.2	38.5	34.2	29.5	21.0
47.5°	93.9	83.0	73.8	66.0	58.5	51.6	46.2	41.0	36.4	31.6	22.6
45°	115.3	92.6	81.0	71.7	63.2	55.6	49.2	43.4	38.5	32.5	23.9
42.5°	139.7	110.4	89.5	77.3	68.2	59.6	52.2	46.0	40.5	33.0	24.7
40°	198.5	132.7	100.9	84.9	73.3	63.3	55.5	48.6	42.1	33.4	25.0
37.5°	258.8	174.1	121.0	92.2	78.7	67.9	58.6	51.0	42.8	33.7	25.0
35°	320.1	228.3	140.7	105.4	85.3	72.3	61.4	53.5	44.4	34.1	24.9
32.5°	378.3	280.5	185.9	122.9	91.5	76.6	64.8	55.9	46.4	34.5	24.6
30°	428.1	331.3	230.7	139.6	100.2	81.8	68.5	58.2	48.8	34.8	24.2
27.5°	473.5	378.7	272.8	171.9	114.6	86.9	72.0	60.4	51.5	35.6	24.3
25°	515.3	419.2	313.5	207.4	128.1	91.8	75.1	62.5	53.7	37.5	24.3
22.5°	552.1	455.2	350.7	239.7	140.3	96.5	78.5	65.1	55.3	39.4	24.2
20°	585.2	487.9	384.5	269.6	160.4	106.6	82.2	67.5	56.8	41.5	24.1
17.5°	615.0	516.4	412.9	297.9	184.3	115.6	85.6	69.5	58.1	43.5	23.9
15°	644.0	540.5	437.0	322.9	205.5	123.3	88.6	71.3	59.3	45.4	23.8
12.5°	668.5	561.2	457.4	344.6	223.6	129.9	91.3	72.7	60.3	47.2	23.6
10°	688.0	578.3	473.9	362.7	238.7	135.2	93.5	73.8	61.1	48.6	23.1
7.5°	702.8	591.6	486.7	377.2	250.7	139.6	95.0	74.5	61.7	49.8	22.4
5°	713.5	601.7	496.0	387.9	259.3	143.2	95.9	74.8	62.2	50.6	21.4
2.5°	722.3	608.8	501.8	394.7	264.5	145.6	96.3	74.8	62.5	51.0	20.3
0°	726.6	612.0	504.0	397.6	266.4	146.9	96.3	74.6	62.6	51.0	19.1
-2.5°	722.3	608.8	501.8	394.7	264.5	145.6	96.3	74.8	62.5	51.0	20.3
-5°	713.5	601.7	496.0	387.9	259.3	143.2	95.9	74.8	62.2	50.6	21.4
-7.5°	702.8	591.6	486.7	377.2	250.7	139.6	95.0	74.5	61.7	49.8	22.4
-10°	688.0	578.3	473.9	362.7	238.7	135.2	93.5	73.8	61.1	48.6	23.1
-12.5°	668.5	561.2	457.4	344.6	223.6	129.9	91.3	72.7	60.3	47.2	23.6
-15°	644.0	540.5	437.0	322.9	205.5	123.3	88.6	71.3	59.3	45.4	23.8
-17.5°	615.0	516.4	412.9	297.9	184.3	115.6	85.6	69.5	58.1	43.5	23.9
-20°	585.2	487.9	384.5	269.6	160.4	106.6	82.2	67.5	56.8	41.5	24.1



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	552.1	455.2	350.7	239.7	140.3	96.5	78.5	65.1	55.3	39.4	24.2
-25°	515.3	419.2	313.5	207.4	128.1	91.8	75.1	62.5	53.7	37.5	24.3
-27.5°	473.5	378.7	272.8	171.9	114.6	86.9	72.0	60.4	51.5	35.6	24.3
-30°	428.1	331.3	230.7	139.6	100.2	81.8	68.5	58.2	48.8	34.8	24.2
-32.5°	378.3	280.5	185.9	122.9	91.5	76.6	64.8	55.9	46.4	34.5	24.6
-35°	320.1	228.3	140.7	105.4	85.3	72.3	61.4	53.5	44.4	34.1	24.9
-37.5°	258.8	174.1	121.0	92.2	78.7	67.9	58.6	51.0	42.8	33.7	25.0
-40°	198.5	132.7	100.9	84.9	73.3	63.3	55.5	48.6	42.1	33.4	25.0
-42.5°	139.7	110.4	89.5	77.3	68.2	59.6	52.2	46.0	40.5	33.0	24.7
-45°	115.3	92.6	81.0	71.7	63.2	55.6	49.2	43.4	38.5	32.5	23.9
-47.5°	93.9	83.0	73.8	66.0	58.5	51.6	46.2	41.0	36.4	31.6	22.6
-50°	83.2	74.6	67.6	60.4	53.5	48.3	43.2	38.5	34.2	29.5	21.0
-52.5°	74.0	68.0	61.4	54.7	49.3	44.9	40.2	35.9	31.9	26.9	19.2
-55°	66.4	61.1	54.9	49.6	45.2	41.2	37.0	33.3	29.5	24.0	17.2
-57.5°	58.5	53.8	48.9	44.5	40.8	37.3	34.1	30.8	26.6	21.1	15.9
-60°	50.7	46.8	42.9	39.6	36.5	33.7	31.4	28.0	23.4	18.3	14.2
-62.5°	43.0	40.0	37.6	34.8	32.2	30.2	28.6	24.7	20.2	16.0	12.3
-65°	36.0	34.2	32.3	29.7	27.8	26.4	25.0	21.4	17.3	13.6	10.4
-67.5°	29.6	28.0	26.0	24.3	23.6	22.7	21.3	17.9	14.3	11.1	8.7
-70°	23.3	21.8	20.7	20.6	20.1	19.0	17.1	14.2	11.2	9.0	6.9
-72.5°	17.4	17.0	17.1	17.2	16.3	14.8	12.9	10.7	8.8	7.0	5.0
-75°	11.5	12.5	13.4	13.4	12.2	10.7	9.4	8.1	6.5	4.9	3.8
-77.5°	8.4	9.2	9.7	9.5	8.5	7.5	6.5	5.5	4.4	3.6	2.8
-80°	5.5	5.8	5.8	5.5	4.8	4.2	4.0	3.7	3.0	2.4	1.8
-82.5°	2.6	2.7	2.7	2.7	2.6	2.5	2.4	2.1	1.6	1.2	1.0
-85°	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.7
-87.5°	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3
-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: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	2.0	1.3	0.9	0.7	0.5	0.2	0.0
75°	2.9	1.9	1.2	0.9	0.6	0.3	0.0
72.5°	3.7	2.5	1.6	1.0	0.7	0.3	0.0
70°	4.5	3.0	1.9	1.1	0.8	0.4	0.0
67.5°	5.9	3.6	2.3	1.4	0.8	0.4	0.0
65°	7.2	4.3	2.7	1.6	0.9	0.5	0.0
62.5°	8.4	5.1	3.0	1.8	1.0	0.5	0.0
60°	9.5	5.9	3.3	2.0	1.1	0.5	0.0
57.5°	10.6	6.6	3.7	2.2	1.2	0.6	0.0
55°	11.6	7.3	4.2	2.3	1.3	0.6	0.0
52.5°	12.4	7.8	4.5	2.5	1.4	0.7	0.0
50°	13.2	8.3	4.9	2.6	1.5	0.7	0.0
47.5°	13.8	8.7	5.1	2.8	1.6	0.7	0.0
45°	14.9	9.1	5.3	2.9	1.7	0.8	0.0
42.5°	15.9	9.3	5.5	3.0	1.8	0.8	0.0
40°	16.6	9.4	5.6	3.2	1.9	0.8	0.0
37.5°	17.2	9.4	5.6	3.3	2.0	0.9	0.0
35°	17.5	9.6	5.6	3.5	2.1	0.9	0.0
32.5°	17.6	9.8	5.5	3.6	2.1	0.9	0.0
30°	17.3	10.0	5.4	3.7	2.2	1.0	0.0
27.5°	16.8	10.0	5.5	3.9	2.3	1.0	0.0
25°	16.2	9.8	5.7	4.0	2.3	1.0	0.0
22.5°	15.5	9.8	5.9	4.1	2.4	1.0	0.0
20°	14.6	10.3	6.0	4.2	2.4	1.0	0.0
17.5°	14.5	10.7	6.1	4.2	2.5	1.0	0.0
15°	14.7	11.0	6.3	4.3	2.5	1.1	0.0
12.5°	15.0	11.3	6.4	4.4	2.5	1.1	0.0
10°	15.2	11.6	6.5	4.4	2.6	1.1	0.0
7.5°	15.4	11.8	6.5	4.5	2.6	1.1	0.0
5°	15.5	11.9	6.6	4.5	2.6	1.1	0.0
2.5°	15.6	12.0	6.7	4.5	2.6	1.1	0.0
0°	15.7	12.0	6.7	4.5	2.6	1.1	0.0
-2.5°	15.6	12.0	6.7	4.5	2.6	1.1	0.0
-5°	15.5	11.9	6.6	4.5	2.6	1.1	0.0
-7.5°	15.4	11.8	6.5	4.5	2.6	1.1	0.0
-10°	15.2	11.6	6.5	4.4	2.6	1.1	0.0
-12.5°	15.0	11.3	6.4	4.4	2.5	1.1	0.0
-15°	14.7	11.0	6.3	4.3	2.5	1.1	0.0
-17.5°	14.5	10.7	6.1	4.2	2.5	1.0	0.0
-20°	14.6	10.3	6.0	4.2	2.4	1.0	0.0



REPORT NUMBER: P558531 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.5	9.8	5.9	4.1	2.4	1.0	0.0
-25°	16.2	9.8	5.7	4.0	2.3	1.0	0.0
-27.5°	16.8	10.0	5.5	3.9	2.3	1.0	0.0
-30°	17.3	10.0	5.4	3.7	2.2	1.0	0.0
-32.5°	17.6	9.8	5.5	3.6	2.1	0.9	0.0
-35°	17.5	9.6	5.6	3.5	2.1	0.9	0.0
-37.5°	17.2	9.4	5.6	3.3	2.0	0.9	0.0
-40°	16.6	9.4	5.6	3.2	1.9	0.8	0.0
-42.5°	15.9	9.3	5.5	3.0	1.8	0.8	0.0
-45°	14.9	9.1	5.3	2.9	1.7	0.8	0.0
-47.5°	13.8	8.7	5.1	2.8	1.6	0.7	0.0
-50°	13.2	8.3	4.9	2.6	1.5	0.7	0.0
-52.5°	12.4	7.8	4.5	2.5	1.4	0.7	0.0
-55°	11.6	7.3	4.2	2.3	1.3	0.6	0.0
-57.5°	10.6	6.6	3.7	2.2	1.2	0.6	0.0
-60°	9.5	5.9	3.3	2.0	1.1	0.5	0.0
-62.5°	8.4	5.1	3.0	1.8	1.0	0.5	0.0
-65°	7.2	4.3	2.7	1.6	0.9	0.5	0.0
-67.5°	5.9	3.6	2.3	1.4	0.8	0.4	0.0
-70°	4.5	3.0	1.9	1.1	0.8	0.4	0.0
-72.5°	3.7	2.5	1.6	1.0	0.7	0.3	0.0
-75°	2.9	1.9	1.2	0.9	0.6	0.3	0.0
-77.5°	2.0	1.3	0.9	0.7	0.5	0.2	0.0
-80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)