

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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
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-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

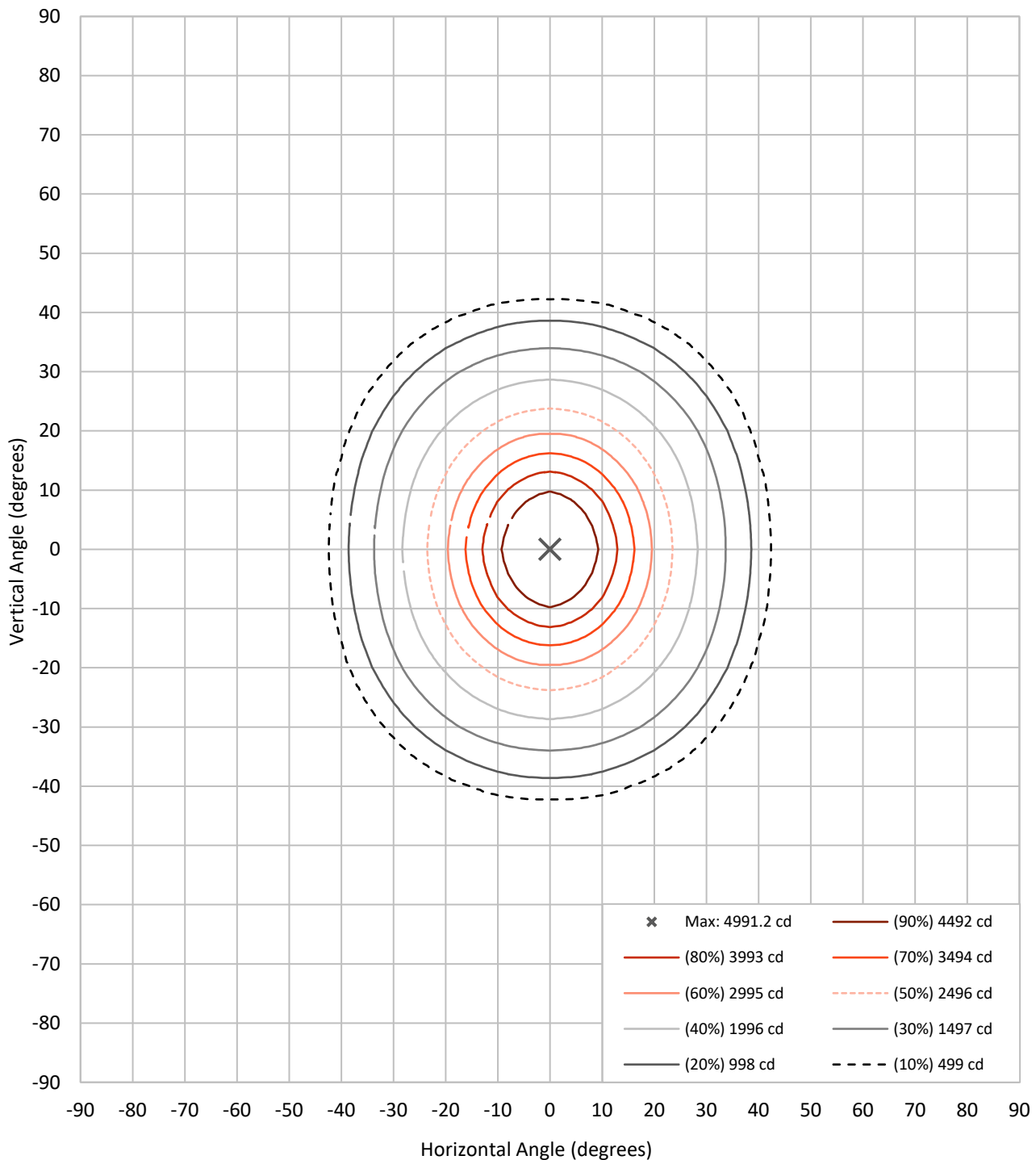
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3885.3 lumens	Max Intensity:	4991.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	1833.4 lumens	Field Lumens:	3527.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

Iso-Candela Plot





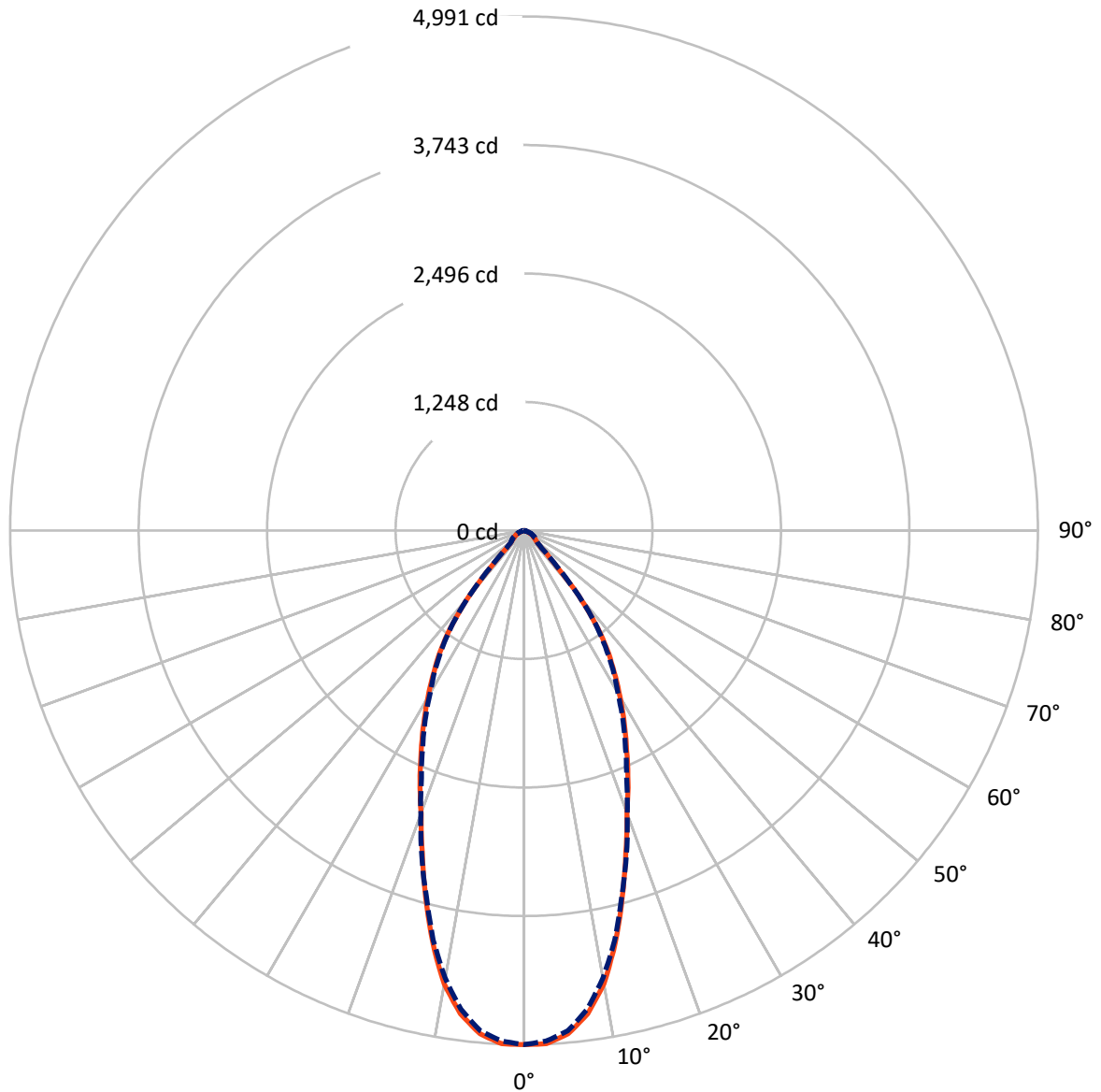
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Lumen Table

90																			
80	0.1	0.5		1.1		1.8		1.4		1.8		1.1		0.5		0.1			
70																			
60	0.3	0.3	0.6	0.9	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.9	0.6	0.3	0.3			
50		0.5	0.9	1.6	2.2	2.8	3.2	3.5	3.5	3.2	2.8	2.2	1.6	0.9	0.5				
40	0.4	0.6	1.3	2.2	3.2	4.4	6.9	9.7	9.7	6.9	4.4	3.2	2.2	1.3	0.6	0.4			
30		0.8	1.6	2.7	5.1	16.4	31.9	40.6	40.6	31.9	16.4	5.1	2.7	1.6	0.8				
20	0.5	0.9	1.9	3.4	15.0	39.1	57.7	69.9	69.9	57.7	39.1	15.0	3.4	1.9	0.9	0.5			
10		1.0	2.1	5.2	27.2	54.0	82.0	106.8	106.8	82.0	54.0	27.2	5.2	2.1	1.0				
0	0.5	1.0	2.3	7.2	33.2	63.0	103.2	139.5	139.5	103.2	63.0	33.2	7.2	2.3	1.0	0.5			
-10		1.0	2.3	7.2	33.2	63.0	103.2	139.5	139.5	103.2	63.0	33.2	7.2	2.3	1.0				
-20	0.5	1.0	2.1	5.2	27.2	54.0	82.0	106.8	106.8	82.0	54.0	27.2	5.2	2.1	1.0	0.5			
-30		0.9	1.9	3.4	15.0	39.1	57.7	69.9	69.9	57.7	39.1	15.0	3.4	1.9	0.9				
-40	0.4	0.8	1.6	2.7	5.1	16.4	31.9	40.6	40.6	31.9	16.4	5.1	2.7	1.6	0.8	0.4			
-50		0.6	1.3	2.2	3.2	4.4	6.9	9.7	9.7	6.9	4.4	3.2	2.2	1.3	0.6				
-60	0.3	0.5	0.9	1.6	2.2	2.8	3.2	3.5	3.5	3.2	2.8	2.2	1.6	0.9	0.5	0.3			
-70		0.3	0.6	0.9	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.9	0.6	0.3				
-80																			
-90	0.1	0.5		1.1		1.8		1.4		1.8		1.1		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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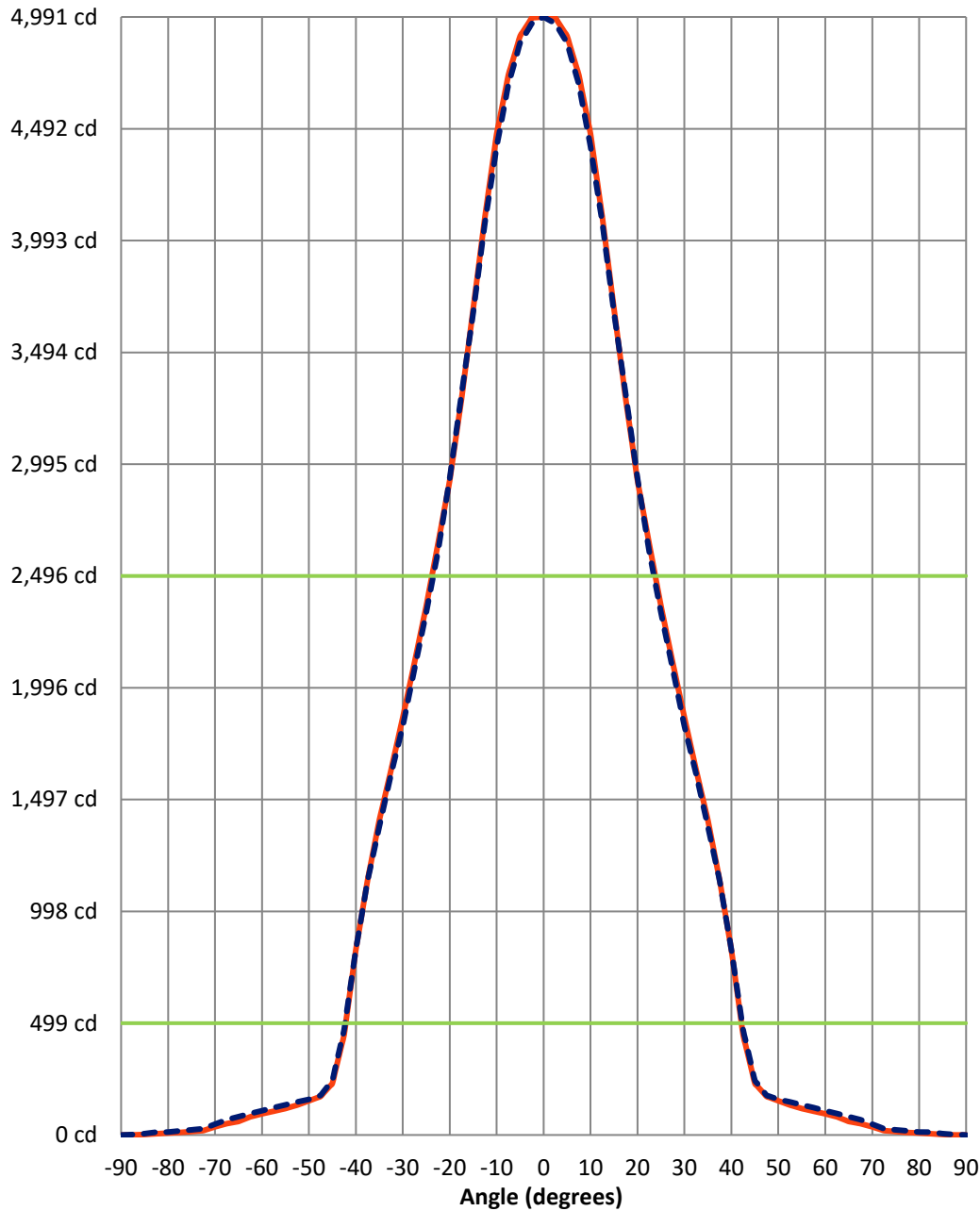
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 1833.4
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 3527.9
 Efficiency: 90.8%

Spill:
 Lumens: 357.4
 Efficiency: 9.2%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-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	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
85°	0.0	0.2	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.8	1.9
82.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	3.0	3.4
80°	0.0	0.3	0.7	1.1	1.5	2.1	2.8	3.7	4.4	5.0	5.3
77.5°	0.0	0.4	0.8	1.3	1.9	2.8	4.4	5.5	6.3	6.9	7.4
75°	0.0	0.5	1.0	1.6	2.4	4.1	5.9	7.3	8.2	9.2	10.0
72.5°	0.0	0.6	1.1	1.8	3.3	5.3	7.5	9.2	10.6	11.8	12.6
70°	0.0	0.6	1.3	2.2	4.1	6.4	9.0	11.4	13.0	14.3	16.4
67.5°	0.0	0.7	1.5	2.7	5.0	7.5	10.8	13.6	15.5	17.6	20.3
65°	0.0	0.8	1.6	3.3	5.8	8.7	12.5	15.9	18.0	20.7	24.0
62.5°	0.0	0.9	1.8	3.9	6.6	10.0	14.1	17.9	20.4	23.7	27.3
60°	0.0	0.9	1.9	4.4	7.3	11.2	15.7	19.7	22.7	26.7	30.7
57.5°	0.0	1.0	2.2	4.9	8.2	12.4	16.7	21.3	25.2	29.7	33.6
55°	0.0	1.1	2.5	5.4	9.0	13.4	17.6	22.5	27.8	32.5	36.2
52.5°	0.0	1.2	2.9	5.8	9.7	14.3	18.4	24.1	30.4	34.8	38.8
50°	0.0	1.2	3.2	6.2	10.4	14.8	19.0	25.6	32.8	37.2	41.8
47.5°	0.0	1.3	3.4	6.7	11.1	15.2	19.5	27.0	34.8	39.4	44.6
45°	0.0	1.3	3.7	7.1	11.7	15.4	20.5	28.1	35.8	41.9	47.4
42.5°	0.0	1.4	4.0	7.5	12.2	15.6	21.3	28.9	36.6	44.2	50.2
40°	0.0	1.5	4.2	7.9	12.5	15.7	22.0	29.5	37.3	46.4	52.9
37.5°	0.0	1.5	4.4	8.4	12.5	15.7	22.5	29.8	38.1	47.4	55.5
35°	0.0	1.6	4.7	8.8	12.5	15.9	22.9	30.0	38.7	48.9	57.9
32.5°	0.0	1.6	4.9	9.2	12.4	16.1	23.1	30.1	39.3	50.7	60.2
30°	0.0	1.6	5.0	9.6	12.3	16.3	23.0	30.1	39.7	52.9	62.4
27.5°	0.0	1.7	5.2	10.0	12.5	16.4	22.9	30.3	40.4	55.3	64.6
25°	0.0	1.7	5.4	10.4	12.6	16.3	22.6	30.3	42.1	57.3	66.7
22.5°	0.0	1.8	5.5	10.7	12.7	16.4	22.3	30.3	43.8	58.9	69.4
20°	0.0	1.8	5.6	11.1	12.8	16.8	21.8	30.1	45.5	60.5	71.8
17.5°	0.0	1.8	5.7	11.4	12.9	17.2	21.8	29.9	47.2	61.9	73.9
15°	0.0	1.8	5.8	11.6	13.0	17.5	22.1	29.8	48.8	63.2	75.8
12.5°	0.0	1.9	5.9	11.9	13.0	17.8	22.4	29.9	50.0	64.4	77.4
10°	0.0	1.9	5.9	12.1	13.1	18.0	22.6	29.8	50.4	65.4	78.7
7.5°	0.0	1.9	6.0	12.3	13.1	18.2	22.8	29.6	50.5	66.3	79.9
5°	0.0	1.9	6.0	12.5	13.1	18.3	22.9	29.2	50.1	67.1	80.8
2.5°	0.0	1.9	6.0	12.6	13.1	18.4	22.9	28.7	49.4	67.8	81.4
0°	0.0	1.9	6.0	12.7	13.1	18.4	22.9	28.1	48.3	68.2	81.7
-2.5°	0.0	1.9	6.0	12.6	13.1	18.4	22.9	28.7	49.4	67.8	81.4
-5°	0.0	1.9	6.0	12.5	13.1	18.3	22.9	29.2	50.1	67.1	80.8
-7.5°	0.0	1.9	6.0	12.3	13.1	18.2	22.8	29.6	50.5	66.3	79.9
-10°	0.0	1.9	5.9	12.1	13.1	18.0	22.6	29.8	50.4	65.4	78.7
-12.5°	0.0	1.9	5.9	11.9	13.0	17.8	22.4	29.9	50.0	64.4	77.4
-15°	0.0	1.8	5.8	11.6	13.0	17.5	22.1	29.8	48.8	63.2	75.8
-17.5°	0.0	1.8	5.7	11.4	12.9	17.2	21.8	29.9	47.2	61.9	73.9
-20°	0.0	1.8	5.6	11.1	12.8	16.8	21.8	30.1	45.5	60.5	71.8



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	5.5	10.7	12.7	16.4	22.3	30.3	43.8	58.9	69.4
-25°	0.0	1.7	5.4	10.4	12.6	16.3	22.6	30.3	42.1	57.3	66.7
-27.5°	0.0	1.7	5.2	10.0	12.5	16.4	22.9	30.3	40.4	55.3	64.6
-30°	0.0	1.6	5.0	9.6	12.3	16.3	23.0	30.1	39.7	52.9	62.4
-32.5°	0.0	1.6	4.9	9.2	12.4	16.1	23.1	30.1	39.3	50.7	60.2
-35°	0.0	1.6	4.7	8.8	12.5	15.9	22.9	30.0	38.7	48.9	57.9
-37.5°	0.0	1.5	4.4	8.4	12.5	15.7	22.5	29.8	38.1	47.4	55.5
-40°	0.0	1.5	4.2	7.9	12.5	15.7	22.0	29.5	37.3	46.4	52.9
-42.5°	0.0	1.4	4.0	7.5	12.2	15.6	21.3	28.9	36.6	44.2	50.2
-45°	0.0	1.3	3.7	7.1	11.7	15.4	20.5	28.1	35.8	41.9	47.4
-47.5°	0.0	1.3	3.4	6.7	11.1	15.2	19.5	27.0	34.8	39.4	44.6
-50°	0.0	1.2	3.2	6.2	10.4	14.8	19.0	25.6	32.8	37.2	41.8
-52.5°	0.0	1.2	2.9	5.8	9.7	14.3	18.4	24.1	30.4	34.8	38.8
-55°	0.0	1.1	2.5	5.4	9.0	13.4	17.6	22.5	27.8	32.5	36.2
-57.5°	0.0	1.0	2.2	4.9	8.2	12.4	16.7	21.3	25.2	29.7	33.6
-60°	0.0	0.9	1.9	4.4	7.3	11.2	15.7	19.7	22.7	26.7	30.7
-62.5°	0.0	0.9	1.8	3.9	6.6	10.0	14.1	17.9	20.4	23.7	27.3
-65°	0.0	0.8	1.6	3.3	5.8	8.7	12.5	15.9	18.0	20.7	24.0
-67.5°	0.0	0.7	1.5	2.7	5.0	7.5	10.8	13.6	15.5	17.6	20.3
-70°	0.0	0.6	1.3	2.2	4.1	6.4	9.0	11.4	13.0	14.3	16.4
-72.5°	0.0	0.6	1.1	1.8	3.3	5.3	7.5	9.2	10.6	11.8	12.6
-75°	0.0	0.5	1.0	1.6	2.4	4.1	5.9	7.3	8.2	9.2	10.0
-77.5°	0.0	0.4	0.8	1.3	1.9	2.8	4.4	5.5	6.3	6.9	7.4
-80°	0.0	0.3	0.7	1.1	1.5	2.1	2.8	3.7	4.4	5.0	5.3
-82.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	3.0	3.4
-85°	0.0	0.2	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
-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-MWR-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°	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.6
85°	1.9	1.9	2.0	2.2	2.2	2.2	2.1	2.0	2.3	2.6	3.0
82.5°	3.8	4.1	4.4	4.7	4.7	4.6	4.4	4.3	4.9	5.8	6.7
80°	5.8	6.3	7.1	7.9	8.1	8.0	7.7	7.3	8.3	9.6	11.1
77.5°	8.4	9.4	10.4	11.5	11.7	11.5	11.0	10.2	11.4	13.6	16.0
75°	11.1	12.4	14.1	15.3	15.6	15.2	14.4	13.7	15.1	17.8	20.4
72.5°	14.5	16.6	18.3	19.4	19.5	19.0	18.7	18.3	19.9	23.1	25.7
70°	18.9	21.0	22.3	22.9	23.1	23.3	24.4	25.4	27.0	29.7	31.9
67.5°	23.2	24.9	26.0	26.8	28.4	29.9	31.4	32.9	34.7	37.0	38.6
65°	27.1	28.8	30.2	32.2	34.5	36.4	38.3	40.5	42.9	45.0	46.6
62.5°	30.9	32.7	34.8	37.3	40.0	42.5	45.4	48.4	51.2	53.7	56.4
60°	34.0	36.4	39.2	42.3	45.6	49.4	52.9	56.3	59.4	62.5	66.3
57.5°	36.9	40.3	43.7	47.4	51.7	56.4	60.4	64.1	68.1	72.5	76.2
55°	40.0	44.2	48.2	52.7	57.8	63.3	67.8	72.0	76.9	82.2	86.4
52.5°	43.4	48.0	52.7	58.0	64.2	69.7	74.5	79.7	85.6	91.4	96.2
50°	46.7	51.8	57.1	64.0	70.1	75.4	81.2	87.6	93.7	99.6	105.4
47.5°	50.0	55.4	62.6	69.5	75.3	81.5	88.2	94.8	101.2	107.4	113.4
45°	53.2	59.7	67.6	74.2	80.6	87.7	94.7	101.5	108.4	115.0	121.5
42.5°	56.3	63.8	71.8	78.7	86.1	93.5	100.8	108.1	115.3	122.3	129.3
40°	59.7	67.6	76.0	83.6	91.2	99.0	106.7	114.4	122.0	129.4	136.8
37.5°	62.8	71.6	80.3	88.2	96.1	104.3	112.3	120.4	128.4	136.2	144.6
35°	65.6	75.5	84.4	92.7	101.0	109.2	117.7	126.3	134.7	143.1	153.9
32.5°	68.7	79.6	88.2	97.0	105.5	114.0	122.9	131.9	140.9	150.8	166.1
30°	72.3	82.9	91.8	101.1	109.8	118.7	127.9	137.3	146.7	162.1	197.7
27.5°	75.7	86.0	95.4	104.8	113.8	123.1	132.7	142.4	155.6	179.2	236.9
25°	78.9	89.0	98.7	108.2	117.6	127.1	137.1	147.2	165.0	212.8	340.2
22.5°	81.6	91.8	101.9	111.3	120.9	130.8	141.2	154.6	182.1	246.7	455.1
20°	83.9	94.5	104.9	114.7	124.1	134.1	144.9	161.7	208.1	343.4	592.9
17.5°	86.1	97.0	107.6	117.8	127.7	137.5	148.6	167.7	231.5	427.5	731.4
15°	88.0	99.2	110.1	120.8	131.0	141.2	154.4	185.0	278.8	511.0	854.8
12.5°	89.8	101.1	112.4	123.5	134.0	144.6	159.7	202.2	336.7	609.0	939.0
10°	91.3	102.8	114.5	126.0	136.6	147.5	164.1	216.4	384.4	689.5	1006.7
7.5°	92.8	104.4	116.4	128.2	138.9	150.0	167.8	227.4	421.2	750.2	1060.7
5°	94.0	106.0	118.6	130.6	141.7	152.7	170.9	235.3	447.0	791.0	1100.0
2.5°	95.0	107.3	120.6	132.7	144.8	156.0	174.4	241.1	463.7	817.1	1125.1
0°	95.6	108.3	122.2	134.5	147.6	158.9	177.2	243.9	469.9	826.6	1134.6
-2.5°	95.0	107.3	120.6	132.7	144.8	156.0	174.4	241.1	463.7	817.1	1125.1
-5°	94.0	106.0	118.6	130.6	141.7	152.7	170.9	235.3	447.0	791.0	1100.0
-7.5°	92.8	104.4	116.4	128.2	138.9	150.0	167.8	227.4	421.2	750.2	1060.7
-10°	91.3	102.8	114.5	126.0	136.6	147.5	164.1	216.4	384.4	689.5	1006.7
-12.5°	89.8	101.1	112.4	123.5	134.0	144.6	159.7	202.2	336.7	609.0	939.0
-15°	88.0	99.2	110.1	120.8	131.0	141.2	154.4	185.0	278.8	511.0	854.8
-17.5°	86.1	97.0	107.6	117.8	127.7	137.5	148.6	167.7	231.5	427.5	731.4
-20°	83.9	94.5	104.9	114.7	124.1	134.1	144.9	161.7	208.1	343.4	592.9



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	81.6	91.8	101.9	111.3	120.9	130.8	141.2	154.6	182.1	246.7	455.1
-25°	78.9	89.0	98.7	108.2	117.6	127.1	137.1	147.2	165.0	212.8	340.2
-27.5°	75.7	86.0	95.4	104.8	113.8	123.1	132.7	142.4	155.6	179.2	236.9
-30°	72.3	82.9	91.8	101.1	109.8	118.7	127.9	137.3	146.7	162.1	197.7
-32.5°	68.7	79.6	88.2	97.0	105.5	114.0	122.9	131.9	140.9	150.8	166.1
-35°	65.6	75.5	84.4	92.7	101.0	109.2	117.7	126.3	134.7	143.1	153.9
-37.5°	62.8	71.6	80.3	88.2	96.1	104.3	112.3	120.4	128.4	136.2	144.6
-40°	59.7	67.6	76.0	83.6	91.2	99.0	106.7	114.4	122.0	129.4	136.8
-42.5°	56.3	63.8	71.8	78.7	86.1	93.5	100.8	108.1	115.3	122.3	129.3
-45°	53.2	59.7	67.6	74.2	80.6	87.7	94.7	101.5	108.4	115.0	121.5
-47.5°	50.0	55.4	62.6	69.5	75.3	81.5	88.2	94.8	101.2	107.4	113.4
-50°	46.7	51.8	57.1	64.0	70.1	75.4	81.2	87.6	93.7	99.6	105.4
-52.5°	43.4	48.0	52.7	58.0	64.2	69.7	74.5	79.7	85.6	91.4	96.2
-55°	40.0	44.2	48.2	52.7	57.8	63.3	67.8	72.0	76.9	82.2	86.4
-57.5°	36.9	40.3	43.7	47.4	51.7	56.4	60.4	64.1	68.1	72.5	76.2
-60°	34.0	36.4	39.2	42.3	45.6	49.4	52.9	56.3	59.4	62.5	66.3
-62.5°	30.9	32.7	34.8	37.3	40.0	42.5	45.4	48.4	51.2	53.7	56.4
-65°	27.1	28.8	30.2	32.2	34.5	36.4	38.3	40.5	42.9	45.0	46.6
-67.5°	23.2	24.9	26.0	26.8	28.4	29.9	31.4	32.9	34.7	37.0	38.6
-70°	18.9	21.0	22.3	22.9	23.1	23.3	24.4	25.4	27.0	29.7	31.9
-72.5°	14.5	16.6	18.3	19.4	19.5	19.0	18.7	18.3	19.9	23.1	25.7
-75°	11.1	12.4	14.1	15.3	15.6	15.2	14.4	13.7	15.1	17.8	20.4
-77.5°	8.4	9.4	10.4	11.5	11.7	11.5	11.0	10.2	11.4	13.6	16.0
-80°	5.8	6.3	7.1	7.9	8.1	8.0	7.7	7.3	8.3	9.6	11.1
-82.5°	3.8	4.1	4.4	4.7	4.7	4.6	4.4	4.3	4.9	5.8	6.7
-85°	1.9	1.9	2.0	2.2	2.2	2.2	2.1	2.0	2.3	2.6	3.0
-87.5°	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.6
-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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.5
85°	3.4	3.3	3.1	2.9	2.6	2.7	2.9	3.1	3.2	3.0	2.7
82.5°	7.6	7.7	7.7	7.7	7.6	8.0	8.3	8.5	8.8	8.1	7.3
80°	12.8	13.4	13.7	14.0	14.3	14.3	14.1	13.8	13.3	12.2	10.9
77.5°	18.4	19.4	19.8	20.3	20.8	21.0	21.1	21.3	21.4	19.4	16.9
75°	22.8	24.3	25.1	25.9	26.6	27.0	27.2	27.3	27.4	25.0	21.9
72.5°	27.9	29.3	30.2	31.2	32.1	32.6	32.9	33.2	33.4	31.3	28.3
70°	33.4	34.4	35.6	36.8	37.9	38.6	39.1	39.5	39.8	39.6	39.5
67.5°	39.9	40.9	42.3	43.5	44.6	45.4	46.2	46.9	47.4	47.9	48.5
65°	48.1	50.4	52.5	53.6	53.7	54.9	56.8	58.0	58.6	59.2	59.8
62.5°	59.5	62.3	63.8	65.6	67.9	70.0	70.9	72.0	73.3	74.9	76.8
60°	69.3	71.6	74.0	76.5	78.6	80.4	82.4	84.3	86.0	87.6	89.2
57.5°	79.3	81.9	84.3	87.2	89.2	90.4	92.3	94.6	96.4	97.8	99.9
55°	89.7	93.0	96.3	98.9	100.8	102.1	103.5	105.7	107.0	107.5	110.0
52.5°	100.1	104.0	108.1	111.2	113.2	115.1	116.9	118.8	120.1	120.8	123.1
50°	109.8	114.4	119.0	123.0	125.7	128.8	132.3	134.1	135.2	136.5	139.1
47.5°	118.9	124.1	129.0	133.5	137.4	140.9	144.0	146.9	151.3	154.7	158.1
45°	127.8	133.3	138.6	143.7	148.0	154.9	161.4	167.0	182.0	194.6	204.2
42.5°	136.1	142.8	148.7	157.1	166.3	182.3	206.9	229.7	273.8	330.6	378.0
40°	144.8	153.4	164.1	180.5	211.6	243.6	339.3	424.4	508.2	603.6	685.3
37.5°	154.9	167.9	199.2	236.4	336.1	446.5	582.0	715.0	830.8	930.0	1012.7
35°	168.3	208.5	267.0	402.4	549.8	730.7	886.9	1012.0	1126.4	1218.3	1287.4
32.5°	207.8	281.4	435.9	622.2	824.9	999.7	1151.8	1271.6	1375.9	1458.3	1522.4
30°	265.5	434.8	644.7	867.8	1069.7	1236.5	1377.1	1491.2	1584.4	1668.2	1738.5
27.5°	402.9	620.7	867.4	1094.9	1278.6	1434.8	1560.9	1674.0	1776.7	1864.9	1948.0
25°	553.2	822.8	1071.7	1278.7	1450.1	1596.7	1729.7	1853.4	1968.4	2071.6	2168.3
22.5°	733.7	1002.6	1240.5	1432.1	1598.2	1748.8	1890.0	2027.7	2161.6	2287.5	2404.5
20°	897.2	1161.1	1368.5	1559.9	1732.4	1889.3	2045.0	2205.5	2360.0	2511.7	2652.6
17.5°	1024.6	1270.1	1478.3	1672.2	1847.9	2025.6	2203.7	2388.1	2574.5	2750.6	2919.1
15°	1130.9	1361.0	1572.0	1765.9	1959.0	2155.1	2354.1	2571.3	2793.0	3003.9	3218.7
12.5°	1206.3	1436.9	1650.8	1845.3	2061.9	2274.7	2506.4	2753.9	3009.9	3255.6	3519.4
10°	1267.0	1497.4	1709.5	1919.3	2148.4	2384.4	2644.3	2916.9	3222.4	3513.2	3797.5
7.5°	1319.0	1547.9	1756.7	1979.6	2220.5	2479.8	2762.5	3070.7	3401.3	3724.9	4063.3
5°	1357.0	1582.3	1793.3	2029.0	2275.8	2549.6	2853.7	3183.0	3537.5	3892.2	4226.8
2.5°	1377.2	1601.9	1816.1	2059.7	2308.3	2591.8	2908.5	3257.6	3632.1	4019.0	4349.0
0°	1376.7	1610.1	1824.8	2080.4	2332.2	2604.6	2932.1	3305.3	3670.7	4072.7	4411.5
-2.5°	1377.2	1601.9	1816.1	2059.7	2308.3	2591.8	2908.5	3257.6	3632.1	4019.0	4349.0
-5°	1357.0	1582.3	1793.3	2029.0	2275.8	2549.6	2853.7	3183.0	3537.5	3892.2	4226.8
-7.5°	1319.0	1547.9	1756.7	1979.6	2220.5	2479.8	2762.5	3070.7	3401.3	3724.9	4063.3
-10°	1267.0	1497.4	1709.5	1919.3	2148.4	2384.4	2644.3	2916.9	3222.4	3513.2	3797.5
-12.5°	1206.3	1436.9	1650.8	1845.3	2061.9	2274.7	2506.4	2753.9	3009.9	3255.6	3519.4
-15°	1130.9	1361.0	1572.0	1765.9	1959.0	2155.1	2354.1	2571.3	2793.0	3003.9	3218.7
-17.5°	1024.6	1270.1	1478.3	1672.2	1847.9	2025.6	2203.7	2388.1	2574.5	2750.6	2919.1
-20°	897.2	1161.1	1368.5	1559.9	1732.4	1889.3	2045.0	2205.5	2360.0	2511.7	2652.6



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	733.7	1002.6	1240.5	1432.1	1598.2	1748.8	1890.0	2027.7	2161.6	2287.5	2404.5
-25°	553.2	822.8	1071.7	1278.7	1450.1	1596.7	1729.7	1853.4	1968.4	2071.6	2168.3
-27.5°	402.9	620.7	867.4	1094.9	1278.6	1434.8	1560.9	1674.0	1776.7	1864.9	1948.0
-30°	265.5	434.8	644.7	867.8	1069.7	1236.5	1377.1	1491.2	1584.4	1668.2	1738.5
-32.5°	207.8	281.4	435.9	622.2	824.9	999.7	1151.8	1271.6	1375.9	1458.3	1522.4
-35°	168.3	208.5	267.0	402.4	549.8	730.7	886.9	1012.0	1126.4	1218.3	1287.4
-37.5°	154.9	167.9	199.2	236.4	336.1	446.5	582.0	715.0	830.8	930.0	1012.7
-40°	144.8	153.4	164.1	180.5	211.6	243.6	339.3	424.4	508.2	603.6	685.3
-42.5°	136.1	142.8	148.7	157.1	166.3	182.3	206.9	229.7	273.8	330.6	378.0
-45°	127.8	133.3	138.6	143.7	148.0	154.9	161.4	167.0	182.0	194.6	204.2
-47.5°	118.9	124.1	129.0	133.5	137.4	140.9	144.0	146.9	151.3	154.7	158.1
-50°	109.8	114.4	119.0	123.0	125.7	128.8	132.3	134.1	135.2	136.5	139.1
-52.5°	100.1	104.0	108.1	111.2	113.2	115.1	116.9	118.8	120.1	120.8	123.1
-55°	89.7	93.0	96.3	98.9	100.8	102.1	103.5	105.7	107.0	107.5	110.0
-57.5°	79.3	81.9	84.3	87.2	89.2	90.4	92.3	94.6	96.4	97.8	99.9
-60°	69.3	71.6	74.0	76.5	78.6	80.4	82.4	84.3	86.0	87.6	89.2
-62.5°	59.5	62.3	63.8	65.6	67.9	70.0	70.9	72.0	73.3	74.9	76.8
-65°	48.1	50.4	52.5	53.6	53.7	54.9	56.8	58.0	58.6	59.2	59.8
-67.5°	39.9	40.9	42.3	43.5	44.6	45.4	46.2	46.9	47.4	47.9	48.5
-70°	33.4	34.4	35.6	36.8	37.9	38.6	39.1	39.5	39.8	39.6	39.5
-72.5°	27.9	29.3	30.2	31.2	32.1	32.6	32.9	33.2	33.4	31.3	28.3
-75°	22.8	24.3	25.1	25.9	26.6	27.0	27.2	27.3	27.4	25.0	21.9
-77.5°	18.4	19.4	19.8	20.3	20.8	21.0	21.1	21.3	21.4	19.4	16.9
-80°	12.8	13.4	13.7	14.0	14.3	14.3	14.1	13.8	13.3	12.2	10.9
-82.5°	7.6	7.7	7.7	7.7	7.6	8.0	8.3	8.5	8.8	8.1	7.3
-85°	3.4	3.3	3.1	2.9	2.6	2.7	2.9	3.1	3.2	3.0	2.7
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-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°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7
85°	2.5	2.2	2.2	2.2	2.2	2.2	2.5	2.7	3.0	3.2	3.1
82.5°	6.5	5.6	5.6	5.6	5.6	5.6	6.5	7.3	8.1	8.8	8.5
80°	9.6	8.2	8.4	8.6	8.4	8.2	9.6	10.9	12.2	13.3	13.8
77.5°	14.1	11.3	11.2	11.2	11.2	11.3	14.1	16.9	19.4	21.4	21.3
75°	18.8	15.5	15.4	15.4	15.4	15.5	18.8	21.9	25.0	27.4	27.3
72.5°	25.3	22.2	20.8	19.5	20.8	22.2	25.3	28.3	31.3	33.4	33.2
70°	39.5	39.6	38.2	36.3	38.2	39.6	39.5	39.5	39.6	39.8	39.5
67.5°	49.1	49.5	50.1	50.6	50.1	49.5	49.1	48.5	47.9	47.4	46.9
65°	60.0	60.0	60.2	60.3	60.2	60.0	60.0	59.8	59.2	58.6	58.0
62.5°	78.4	79.6	80.5	80.9	80.5	79.6	78.4	76.8	74.9	73.3	72.0
60°	90.5	91.5	93.0	94.4	93.0	91.5	90.5	89.2	87.6	86.0	84.3
57.5°	101.8	103.5	104.9	106.0	104.9	103.5	101.8	99.9	97.8	96.4	94.6
55°	112.3	114.3	116.2	118.0	116.2	114.3	112.3	110.0	107.5	107.0	105.7
52.5°	125.4	127.1	129.9	133.4	129.9	127.1	125.4	123.1	120.8	120.1	118.8
50°	142.2	144.7	148.2	152.5	148.2	144.7	142.2	139.1	136.5	135.2	134.1
47.5°	161.6	164.2	167.5	172.0	167.5	164.2	161.6	158.1	154.7	151.3	146.9
45°	212.9	218.9	224.4	230.4	224.4	218.9	212.9	204.2	194.6	182.0	167.0
42.5°	416.0	442.3	453.6	447.0	453.6	442.3	416.0	378.0	330.6	273.8	229.7
40°	747.5	791.2	816.9	825.9	816.9	791.2	747.5	685.3	603.6	508.2	424.4
37.5°	1073.2	1113.4	1135.1	1137.6	1135.1	1113.4	1073.2	1012.7	930.0	830.8	715.0
35°	1337.3	1370.4	1390.0	1404.8	1390.0	1370.4	1337.3	1287.4	1218.3	1126.4	1012.0
32.5°	1574.5	1612.3	1634.1	1629.2	1634.1	1612.3	1574.5	1522.4	1458.3	1375.9	1271.6
30°	1796.1	1837.4	1863.1	1863.8	1863.1	1837.4	1796.1	1738.5	1668.2	1584.4	1491.2
27.5°	2015.2	2061.6	2088.3	2109.3	2088.3	2061.6	2015.2	1948.0	1864.9	1776.7	1674.0
25°	2249.0	2306.7	2341.0	2361.8	2341.0	2306.7	2249.0	2168.3	2071.6	1968.4	1853.4
22.5°	2501.0	2572.5	2619.5	2639.1	2619.5	2572.5	2501.0	2404.5	2287.5	2161.6	2027.7
20°	2775.1	2863.8	2923.8	2922.0	2923.8	2863.8	2775.1	2652.6	2511.7	2360.0	2205.5
17.5°	3080.9	3195.4	3272.8	3284.0	3272.8	3195.4	3080.9	2919.1	2750.6	2574.5	2388.1
15°	3408.9	3556.4	3656.5	3687.5	3656.5	3556.4	3408.9	3218.7	3003.9	2793.0	2571.3
12.5°	3744.9	3920.4	4053.8	4098.2	4053.8	3920.4	3744.9	3519.4	3255.6	3009.9	2753.9
10°	4065.1	4259.4	4404.3	4468.4	4404.3	4259.4	4065.1	3797.5	3513.2	3222.4	2916.9
7.5°	4332.7	4530.2	4679.5	4732.2	4679.5	4530.2	4332.7	4063.3	3724.9	3401.3	3070.7
5°	4509.1	4724.8	4840.8	4906.1	4840.8	4724.8	4509.1	4226.8	3892.2	3537.5	3183.0
2.5°	4626.9	4809.8	4927.4	4987.4	4927.4	4809.8	4626.9	4349.0	4019.0	3632.1	3257.6
0°	4689.5	4875.7	4961.9	4991.2	4961.9	4875.7	4689.5	4411.5	4072.7	3670.7	3305.3
-2.5°	4626.9	4809.8	4927.4	4987.4	4927.4	4809.8	4626.9	4349.0	4019.0	3632.1	3257.6
-5°	4509.1	4724.8	4840.8	4906.1	4840.8	4724.8	4509.1	4226.8	3892.2	3537.5	3183.0
-7.5°	4332.7	4530.2	4679.5	4732.2	4679.5	4530.2	4332.7	4063.3	3724.9	3401.3	3070.7
-10°	4065.1	4259.4	4404.3	4468.4	4404.3	4259.4	4065.1	3797.5	3513.2	3222.4	2916.9
-12.5°	3744.9	3920.4	4053.8	4098.2	4053.8	3920.4	3744.9	3519.4	3255.6	3009.9	2753.9
-15°	3408.9	3556.4	3656.5	3687.5	3656.5	3556.4	3408.9	3218.7	3003.9	2793.0	2571.3
-17.5°	3080.9	3195.4	3272.8	3284.0	3272.8	3195.4	3080.9	2919.1	2750.6	2574.5	2388.1
-20°	2775.1	2863.8	2923.8	2922.0	2923.8	2863.8	2775.1	2652.6	2511.7	2360.0	2205.5



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2501.0	2572.5	2619.5	2639.1	2619.5	2572.5	2501.0	2404.5	2287.5	2161.6	2027.7
-25°	2249.0	2306.7	2341.0	2361.8	2341.0	2306.7	2249.0	2168.3	2071.6	1968.4	1853.4
-27.5°	2015.2	2061.6	2088.3	2109.3	2088.3	2061.6	2015.2	1948.0	1864.9	1776.7	1674.0
-30°	1796.1	1837.4	1863.1	1863.8	1863.1	1837.4	1796.1	1738.5	1668.2	1584.4	1491.2
-32.5°	1574.5	1612.3	1634.1	1629.2	1634.1	1612.3	1574.5	1522.4	1458.3	1375.9	1271.6
-35°	1337.3	1370.4	1390.0	1404.8	1390.0	1370.4	1337.3	1287.4	1218.3	1126.4	1012.0
-37.5°	1073.2	1113.4	1135.1	1137.6	1135.1	1113.4	1073.2	1012.7	930.0	830.8	715.0
-40°	747.5	791.2	816.9	825.9	816.9	791.2	747.5	685.3	603.6	508.2	424.4
-42.5°	416.0	442.3	453.6	447.0	453.6	442.3	416.0	378.0	330.6	273.8	229.7
-45°	212.9	218.9	224.4	230.4	224.4	218.9	212.9	204.2	194.6	182.0	167.0
-47.5°	161.6	164.2	167.5	172.0	167.5	164.2	161.6	158.1	154.7	151.3	146.9
-50°	142.2	144.7	148.2	152.5	148.2	144.7	142.2	139.1	136.5	135.2	134.1
-52.5°	125.4	127.1	129.9	133.4	129.9	127.1	125.4	123.1	120.8	120.1	118.8
-55°	112.3	114.3	116.2	118.0	116.2	114.3	112.3	110.0	107.5	107.0	105.7
-57.5°	101.8	103.5	104.9	106.0	104.9	103.5	101.8	99.9	97.8	96.4	94.6
-60°	90.5	91.5	93.0	94.4	93.0	91.5	90.5	89.2	87.6	86.0	84.3
-62.5°	78.4	79.6	80.5	80.9	80.5	79.6	78.4	76.8	74.9	73.3	72.0
-65°	60.0	60.0	60.2	60.3	60.2	60.0	60.0	59.8	59.2	58.6	58.0
-67.5°	49.1	49.5	50.1	50.6	50.1	49.5	49.1	48.5	47.9	47.4	46.9
-70°	39.5	39.6	38.2	36.3	38.2	39.6	39.5	39.5	39.6	39.8	39.5
-72.5°	25.3	22.2	20.8	19.5	20.8	22.2	25.3	28.3	31.3	33.4	33.2
-75°	18.8	15.5	15.4	15.4	15.4	15.5	18.8	21.9	25.0	27.4	27.3
-77.5°	14.1	11.3	11.2	11.2	11.2	11.3	14.1	16.9	19.4	21.4	21.3
-80°	9.6	8.2	8.4	8.6	8.4	8.2	9.6	10.9	12.2	13.3	13.8
-82.5°	6.5	5.6	5.6	5.6	5.6	5.6	6.5	7.3	8.1	8.8	8.5
-85°	2.5	2.2	2.2	2.2	2.2	2.2	2.5	2.7	3.0	3.2	3.1
-87.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7
-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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	2.9	2.7	2.6	2.9	3.1	3.3	3.4	3.0	2.6	2.3	2.0
82.5°	8.3	8.0	7.6	7.7	7.7	7.7	7.6	6.7	5.8	4.9	4.3
80°	14.1	14.3	14.3	14.0	13.7	13.4	12.8	11.1	9.6	8.3	7.3
77.5°	21.1	21.0	20.8	20.3	19.8	19.4	18.4	16.0	13.6	11.4	10.2
75°	27.2	27.0	26.6	25.9	25.1	24.3	22.8	20.4	17.8	15.1	13.7
72.5°	32.9	32.6	32.1	31.2	30.2	29.3	27.9	25.7	23.1	19.9	18.3
70°	39.1	38.6	37.9	36.8	35.6	34.4	33.4	31.9	29.7	27.0	25.4
67.5°	46.2	45.4	44.6	43.5	42.3	40.9	39.9	38.6	37.0	34.7	32.9
65°	56.8	54.9	53.7	53.6	52.5	50.4	48.1	46.6	45.0	42.9	40.5
62.5°	70.9	70.0	67.9	65.6	63.8	62.3	59.5	56.4	53.7	51.2	48.4
60°	82.4	80.4	78.6	76.5	74.0	71.6	69.3	66.3	62.5	59.4	56.3
57.5°	92.3	90.4	89.2	87.2	84.3	81.9	79.3	76.2	72.5	68.1	64.1
55°	103.5	102.1	100.8	98.9	96.3	93.0	89.7	86.4	82.2	76.9	72.0
52.5°	116.9	115.1	113.2	111.2	108.1	104.0	100.1	96.2	91.4	85.6	79.7
50°	132.3	128.8	125.7	123.0	119.0	114.4	109.8	105.4	99.6	93.7	87.6
47.5°	144.0	140.9	137.4	133.5	129.0	124.1	118.9	113.4	107.4	101.2	94.8
45°	161.4	154.9	148.0	143.7	138.6	133.3	127.8	121.5	115.0	108.4	101.5
42.5°	206.9	182.3	166.3	157.1	148.7	142.8	136.1	129.3	122.3	115.3	108.1
40°	339.3	243.6	211.6	180.5	164.1	153.4	144.8	136.8	129.4	122.0	114.4
37.5°	582.0	446.5	336.1	236.4	199.2	167.9	154.9	144.6	136.2	128.4	120.4
35°	886.9	730.7	549.8	402.4	267.0	208.5	168.3	153.9	143.1	134.7	126.3
32.5°	1151.8	999.7	824.9	622.2	435.9	281.4	207.8	166.1	150.8	140.9	131.9
30°	1377.1	1236.5	1069.7	867.8	644.7	434.8	265.5	197.7	162.1	146.7	137.3
27.5°	1560.9	1434.8	1278.6	1094.9	867.4	620.7	402.9	236.9	179.2	155.6	142.4
25°	1729.7	1596.7	1450.1	1278.7	1071.7	822.8	553.2	340.2	212.8	165.0	147.2
22.5°	1890.0	1748.8	1598.2	1432.1	1240.5	1002.6	733.7	455.1	246.7	182.1	154.6
20°	2045.0	1889.3	1732.4	1559.9	1368.5	1161.1	897.2	592.9	343.4	208.1	161.7
17.5°	2203.7	2025.6	1847.9	1672.2	1478.3	1270.1	1024.6	731.4	427.5	231.5	167.7
15°	2354.1	2155.1	1959.0	1765.9	1572.0	1361.0	1130.9	854.8	511.0	278.8	185.0
12.5°	2506.4	2274.7	2061.9	1845.3	1650.8	1436.9	1206.3	939.0	609.0	336.7	202.2
10°	2644.3	2384.4	2148.4	1919.3	1709.5	1497.4	1267.0	1006.7	689.5	384.4	216.4
7.5°	2762.5	2479.8	2220.5	1979.6	1756.7	1547.9	1319.0	1060.7	750.2	421.2	227.4
5°	2853.7	2549.6	2275.8	2029.0	1793.3	1582.3	1357.0	1100.0	791.0	447.0	235.3
2.5°	2908.5	2591.8	2308.3	2059.7	1816.1	1601.9	1377.2	1125.1	817.1	463.7	241.1
0°	2932.1	2604.6	2332.2	2080.4	1824.8	1610.1	1376.7	1134.6	826.6	469.9	243.9
-2.5°	2908.5	2591.8	2308.3	2059.7	1816.1	1601.9	1377.2	1125.1	817.1	463.7	241.1
-5°	2853.7	2549.6	2275.8	2029.0	1793.3	1582.3	1357.0	1100.0	791.0	447.0	235.3
-7.5°	2762.5	2479.8	2220.5	1979.6	1756.7	1547.9	1319.0	1060.7	750.2	421.2	227.4
-10°	2644.3	2384.4	2148.4	1919.3	1709.5	1497.4	1267.0	1006.7	689.5	384.4	216.4
-12.5°	2506.4	2274.7	2061.9	1845.3	1650.8	1436.9	1206.3	939.0	609.0	336.7	202.2
-15°	2354.1	2155.1	1959.0	1765.9	1572.0	1361.0	1130.9	854.8	511.0	278.8	185.0
-17.5°	2203.7	2025.6	1847.9	1672.2	1478.3	1270.1	1024.6	731.4	427.5	231.5	167.7
-20°	2045.0	1889.3	1732.4	1559.9	1368.5	1161.1	897.2	592.9	343.4	208.1	161.7



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1890.0	1748.8	1598.2	1432.1	1240.5	1002.6	733.7	455.1	246.7	182.1	154.6
-25°	1729.7	1596.7	1450.1	1278.7	1071.7	822.8	553.2	340.2	212.8	165.0	147.2
-27.5°	1560.9	1434.8	1278.6	1094.9	867.4	620.7	402.9	236.9	179.2	155.6	142.4
-30°	1377.1	1236.5	1069.7	867.8	644.7	434.8	265.5	197.7	162.1	146.7	137.3
-32.5°	1151.8	999.7	824.9	622.2	435.9	281.4	207.8	166.1	150.8	140.9	131.9
-35°	886.9	730.7	549.8	402.4	267.0	208.5	168.3	153.9	143.1	134.7	126.3
-37.5°	582.0	446.5	336.1	236.4	199.2	167.9	154.9	144.6	136.2	128.4	120.4
-40°	339.3	243.6	211.6	180.5	164.1	153.4	144.8	136.8	129.4	122.0	114.4
-42.5°	206.9	182.3	166.3	157.1	148.7	142.8	136.1	129.3	122.3	115.3	108.1
-45°	161.4	154.9	148.0	143.7	138.6	133.3	127.8	121.5	115.0	108.4	101.5
-47.5°	144.0	140.9	137.4	133.5	129.0	124.1	118.9	113.4	107.4	101.2	94.8
-50°	132.3	128.8	125.7	123.0	119.0	114.4	109.8	105.4	99.6	93.7	87.6
-52.5°	116.9	115.1	113.2	111.2	108.1	104.0	100.1	96.2	91.4	85.6	79.7
-55°	103.5	102.1	100.8	98.9	96.3	93.0	89.7	86.4	82.2	76.9	72.0
-57.5°	92.3	90.4	89.2	87.2	84.3	81.9	79.3	76.2	72.5	68.1	64.1
-60°	82.4	80.4	78.6	76.5	74.0	71.6	69.3	66.3	62.5	59.4	56.3
-62.5°	70.9	70.0	67.9	65.6	63.8	62.3	59.5	56.4	53.7	51.2	48.4
-65°	56.8	54.9	53.7	53.6	52.5	50.4	48.1	46.6	45.0	42.9	40.5
-67.5°	46.2	45.4	44.6	43.5	42.3	40.9	39.9	38.6	37.0	34.7	32.9
-70°	39.1	38.6	37.9	36.8	35.6	34.4	33.4	31.9	29.7	27.0	25.4
-72.5°	32.9	32.6	32.1	31.2	30.2	29.3	27.9	25.7	23.1	19.9	18.3
-75°	27.2	27.0	26.6	25.9	25.1	24.3	22.8	20.4	17.8	15.1	13.7
-77.5°	21.1	21.0	20.8	20.3	19.8	19.4	18.4	16.0	13.6	11.4	10.2
-80°	14.1	14.3	14.3	14.0	13.7	13.4	12.8	11.1	9.6	8.3	7.3
-82.5°	8.3	8.0	7.6	7.7	7.7	7.7	7.6	6.7	5.8	4.9	4.3
-85°	2.9	2.7	2.6	2.9	3.1	3.3	3.4	3.0	2.6	2.3	2.0
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-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°	0.6	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
85°	2.1	2.2	2.2	2.2	2.0	1.9	1.9	1.9	1.8	1.6	1.5
82.5°	4.4	4.6	4.7	4.7	4.4	4.1	3.8	3.4	3.0	2.5	2.3
80°	7.7	8.0	8.1	7.9	7.1	6.3	5.8	5.3	5.0	4.4	3.7
77.5°	11.0	11.5	11.7	11.5	10.4	9.4	8.4	7.4	6.9	6.3	5.5
75°	14.4	15.2	15.6	15.3	14.1	12.4	11.1	10.0	9.2	8.2	7.3
72.5°	18.7	19.0	19.5	19.4	18.3	16.6	14.5	12.6	11.8	10.6	9.2
70°	24.4	23.3	23.1	22.9	22.3	21.0	18.9	16.4	14.3	13.0	11.4
67.5°	31.4	29.9	28.4	26.8	26.0	24.9	23.2	20.3	17.6	15.5	13.6
65°	38.3	36.4	34.5	32.2	30.2	28.8	27.1	24.0	20.7	18.0	15.9
62.5°	45.4	42.5	40.0	37.3	34.8	32.7	30.9	27.3	23.7	20.4	17.9
60°	52.9	49.4	45.6	42.3	39.2	36.4	34.0	30.7	26.7	22.7	19.7
57.5°	60.4	56.4	51.7	47.4	43.7	40.3	36.9	33.6	29.7	25.2	21.3
55°	67.8	63.3	57.8	52.7	48.2	44.2	40.0	36.2	32.5	27.8	22.5
52.5°	74.5	69.7	64.2	58.0	52.7	48.0	43.4	38.8	34.8	30.4	24.1
50°	81.2	75.4	70.1	64.0	57.1	51.8	46.7	41.8	37.2	32.8	25.6
47.5°	88.2	81.5	75.3	69.5	62.6	55.4	50.0	44.6	39.4	34.8	27.0
45°	94.7	87.7	80.6	74.2	67.6	59.7	53.2	47.4	41.9	35.8	28.1
42.5°	100.8	93.5	86.1	78.7	71.8	63.8	56.3	50.2	44.2	36.6	28.9
40°	106.7	99.0	91.2	83.6	76.0	67.6	59.7	52.9	46.4	37.3	29.5
37.5°	112.3	104.3	96.1	88.2	80.3	71.6	62.8	55.5	47.4	38.1	29.8
35°	117.7	109.2	101.0	92.7	84.4	75.5	65.6	57.9	48.9	38.7	30.0
32.5°	122.9	114.0	105.5	97.0	88.2	79.6	68.7	60.2	50.7	39.3	30.1
30°	127.9	118.7	109.8	101.1	91.8	82.9	72.3	62.4	52.9	39.7	30.1
27.5°	132.7	123.1	113.8	104.8	95.4	86.0	75.7	64.6	55.3	40.4	30.3
25°	137.1	127.1	117.6	108.2	98.7	89.0	78.9	66.7	57.3	42.1	30.3
22.5°	141.2	130.8	120.9	111.3	101.9	91.8	81.6	69.4	58.9	43.8	30.3
20°	144.9	134.1	124.1	114.7	104.9	94.5	83.9	71.8	60.5	45.5	30.1
17.5°	148.6	137.5	127.7	117.8	107.6	97.0	86.1	73.9	61.9	47.2	29.9
15°	154.4	141.2	131.0	120.8	110.1	99.2	88.0	75.8	63.2	48.8	29.8
12.5°	159.7	144.6	134.0	123.5	112.4	101.1	89.8	77.4	64.4	50.0	29.9
10°	164.1	147.5	136.6	126.0	114.5	102.8	91.3	78.7	65.4	50.4	29.8
7.5°	167.8	150.0	138.9	128.2	116.4	104.4	92.8	79.9	66.3	50.5	29.6
5°	170.9	152.7	141.7	130.6	118.6	106.0	94.0	80.8	67.1	50.1	29.2
2.5°	174.4	156.0	144.8	132.7	120.6	107.3	95.0	81.4	67.8	49.4	28.7
0°	177.2	158.9	147.6	134.5	122.2	108.3	95.6	81.7	68.2	48.3	28.1
-2.5°	174.4	156.0	144.8	132.7	120.6	107.3	95.0	81.4	67.8	49.4	28.7
-5°	170.9	152.7	141.7	130.6	118.6	106.0	94.0	80.8	67.1	50.1	29.2
-7.5°	167.8	150.0	138.9	128.2	116.4	104.4	92.8	79.9	66.3	50.5	29.6
-10°	164.1	147.5	136.6	126.0	114.5	102.8	91.3	78.7	65.4	50.4	29.8
-12.5°	159.7	144.6	134.0	123.5	112.4	101.1	89.8	77.4	64.4	50.0	29.9
-15°	154.4	141.2	131.0	120.8	110.1	99.2	88.0	75.8	63.2	48.8	29.8
-17.5°	148.6	137.5	127.7	117.8	107.6	97.0	86.1	73.9	61.9	47.2	29.9
-20°	144.9	134.1	124.1	114.7	104.9	94.5	83.9	71.8	60.5	45.5	30.1



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	141.2	130.8	120.9	111.3	101.9	91.8	81.6	69.4	58.9	43.8	30.3
-25°	137.1	127.1	117.6	108.2	98.7	89.0	78.9	66.7	57.3	42.1	30.3
-27.5°	132.7	123.1	113.8	104.8	95.4	86.0	75.7	64.6	55.3	40.4	30.3
-30°	127.9	118.7	109.8	101.1	91.8	82.9	72.3	62.4	52.9	39.7	30.1
-32.5°	122.9	114.0	105.5	97.0	88.2	79.6	68.7	60.2	50.7	39.3	30.1
-35°	117.7	109.2	101.0	92.7	84.4	75.5	65.6	57.9	48.9	38.7	30.0
-37.5°	112.3	104.3	96.1	88.2	80.3	71.6	62.8	55.5	47.4	38.1	29.8
-40°	106.7	99.0	91.2	83.6	76.0	67.6	59.7	52.9	46.4	37.3	29.5
-42.5°	100.8	93.5	86.1	78.7	71.8	63.8	56.3	50.2	44.2	36.6	28.9
-45°	94.7	87.7	80.6	74.2	67.6	59.7	53.2	47.4	41.9	35.8	28.1
-47.5°	88.2	81.5	75.3	69.5	62.6	55.4	50.0	44.6	39.4	34.8	27.0
-50°	81.2	75.4	70.1	64.0	57.1	51.8	46.7	41.8	37.2	32.8	25.6
-52.5°	74.5	69.7	64.2	58.0	52.7	48.0	43.4	38.8	34.8	30.4	24.1
-55°	67.8	63.3	57.8	52.7	48.2	44.2	40.0	36.2	32.5	27.8	22.5
-57.5°	60.4	56.4	51.7	47.4	43.7	40.3	36.9	33.6	29.7	25.2	21.3
-60°	52.9	49.4	45.6	42.3	39.2	36.4	34.0	30.7	26.7	22.7	19.7
-62.5°	45.4	42.5	40.0	37.3	34.8	32.7	30.9	27.3	23.7	20.4	17.9
-65°	38.3	36.4	34.5	32.2	30.2	28.8	27.1	24.0	20.7	18.0	15.9
-67.5°	31.4	29.9	28.4	26.8	26.0	24.9	23.2	20.3	17.6	15.5	13.6
-70°	24.4	23.3	23.1	22.9	22.3	21.0	18.9	16.4	14.3	13.0	11.4
-72.5°	18.7	19.0	19.5	19.4	18.3	16.6	14.5	12.6	11.8	10.6	9.2
-75°	14.4	15.2	15.6	15.3	14.1	12.4	11.1	10.0	9.2	8.2	7.3
-77.5°	11.0	11.5	11.7	11.5	10.4	9.4	8.4	7.4	6.9	6.3	5.5
-80°	7.7	8.0	8.1	7.9	7.1	6.3	5.8	5.3	5.0	4.4	3.7
-82.5°	4.4	4.6	4.7	4.7	4.4	4.1	3.8	3.4	3.0	2.5	2.3
-85°	2.1	2.2	2.2	2.2	2.0	1.9	1.9	1.9	1.8	1.6	1.5
-87.5°	0.6	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-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: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-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°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.0	0.8	0.5	0.3	0.2	0.0
82.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
80°	2.8	2.1	1.5	1.1	0.7	0.3	0.0
77.5°	4.4	2.8	1.9	1.3	0.8	0.4	0.0
75°	5.9	4.1	2.4	1.6	1.0	0.5	0.0
72.5°	7.5	5.3	3.3	1.8	1.1	0.6	0.0
70°	9.0	6.4	4.1	2.2	1.3	0.6	0.0
67.5°	10.8	7.5	5.0	2.7	1.5	0.7	0.0
65°	12.5	8.7	5.8	3.3	1.6	0.8	0.0
62.5°	14.1	10.0	6.6	3.9	1.8	0.9	0.0
60°	15.7	11.2	7.3	4.4	1.9	0.9	0.0
57.5°	16.7	12.4	8.2	4.9	2.2	1.0	0.0
55°	17.6	13.4	9.0	5.4	2.5	1.1	0.0
52.5°	18.4	14.3	9.7	5.8	2.9	1.2	0.0
50°	19.0	14.8	10.4	6.2	3.2	1.2	0.0
47.5°	19.5	15.2	11.1	6.7	3.4	1.3	0.0
45°	20.5	15.4	11.7	7.1	3.7	1.3	0.0
42.5°	21.3	15.6	12.2	7.5	4.0	1.4	0.0
40°	22.0	15.7	12.5	7.9	4.2	1.5	0.0
37.5°	22.5	15.7	12.5	8.4	4.4	1.5	0.0
35°	22.9	15.9	12.5	8.8	4.7	1.6	0.0
32.5°	23.1	16.1	12.4	9.2	4.9	1.6	0.0
30°	23.0	16.3	12.3	9.6	5.0	1.6	0.0
27.5°	22.9	16.4	12.5	10.0	5.2	1.7	0.0
25°	22.6	16.3	12.6	10.4	5.4	1.7	0.0
22.5°	22.3	16.4	12.7	10.7	5.5	1.8	0.0
20°	21.8	16.8	12.8	11.1	5.6	1.8	0.0
17.5°	21.8	17.2	12.9	11.4	5.7	1.8	0.0
15°	22.1	17.5	13.0	11.6	5.8	1.8	0.0
12.5°	22.4	17.8	13.0	11.9	5.9	1.9	0.0
10°	22.6	18.0	13.1	12.1	5.9	1.9	0.0
7.5°	22.8	18.2	13.1	12.3	6.0	1.9	0.0
5°	22.9	18.3	13.1	12.5	6.0	1.9	0.0
2.5°	22.9	18.4	13.1	12.6	6.0	1.9	0.0
0°	22.9	18.4	13.1	12.7	6.0	1.9	0.0
-2.5°	22.9	18.4	13.1	12.6	6.0	1.9	0.0
-5°	22.9	18.3	13.1	12.5	6.0	1.9	0.0
-7.5°	22.8	18.2	13.1	12.3	6.0	1.9	0.0
-10°	22.6	18.0	13.1	12.1	5.9	1.9	0.0
-12.5°	22.4	17.8	13.0	11.9	5.9	1.9	0.0
-15°	22.1	17.5	13.0	11.6	5.8	1.8	0.0
-17.5°	21.8	17.2	12.9	11.4	5.7	1.8	0.0
-20°	21.8	16.8	12.8	11.1	5.6	1.8	0.0



REPORT NUMBER: P558525 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.3	16.4	12.7	10.7	5.5	1.8	0.0
-25°	22.6	16.3	12.6	10.4	5.4	1.7	0.0
-27.5°	22.9	16.4	12.5	10.0	5.2	1.7	0.0
-30°	23.0	16.3	12.3	9.6	5.0	1.6	0.0
-32.5°	23.1	16.1	12.4	9.2	4.9	1.6	0.0
-35°	22.9	15.9	12.5	8.8	4.7	1.6	0.0
-37.5°	22.5	15.7	12.5	8.4	4.4	1.5	0.0
-40°	22.0	15.7	12.5	7.9	4.2	1.5	0.0
-42.5°	21.3	15.6	12.2	7.5	4.0	1.4	0.0
-45°	20.5	15.4	11.7	7.1	3.7	1.3	0.0
-47.5°	19.5	15.2	11.1	6.7	3.4	1.3	0.0
-50°	19.0	14.8	10.4	6.2	3.2	1.2	0.0
-52.5°	18.4	14.3	9.7	5.8	2.9	1.2	0.0
-55°	17.6	13.4	9.0	5.4	2.5	1.1	0.0
-57.5°	16.7	12.4	8.2	4.9	2.2	1.0	0.0
-60°	15.7	11.2	7.3	4.4	1.9	0.9	0.0
-62.5°	14.1	10.0	6.6	3.9	1.8	0.9	0.0
-65°	12.5	8.7	5.8	3.3	1.6	0.8	0.0
-67.5°	10.8	7.5	5.0	2.7	1.5	0.7	0.0
-70°	9.0	6.4	4.1	2.2	1.3	0.6	0.0
-72.5°	7.5	5.3	3.3	1.8	1.1	0.6	0.0
-75°	5.9	4.1	2.4	1.6	1.0	0.5	0.0
-77.5°	4.4	2.8	1.9	1.3	0.8	0.4	0.0
-80°	2.8	2.1	1.5	1.1	0.7	0.3	0.0
-82.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-85°	1.3	1.0	0.8	0.5	0.3	0.2	0.0
-87.5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)