

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: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-AMB-U-MWR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-AMB-U-MWR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

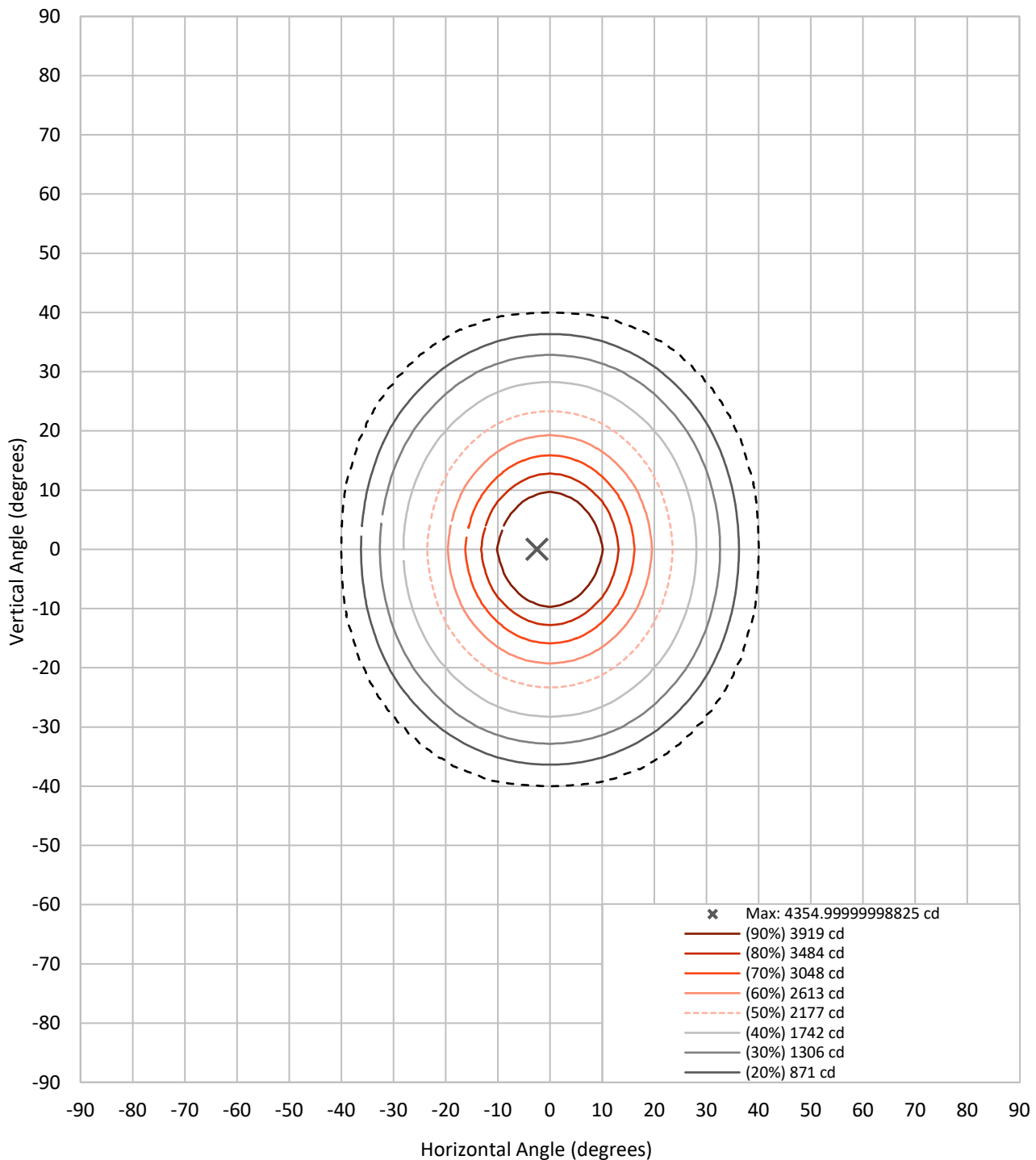
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3318.8 lumens	Max Intensity:	4355 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	55.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47.1°H x 46.4°V	Field Angle (10%):	80.1°H x 79.9°V
Beam Lumens:	1596.2 lumens	Field Lumens:	2842.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	85.6%
Input Watts (W):	59.9		
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		



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Iso-Candela Plot





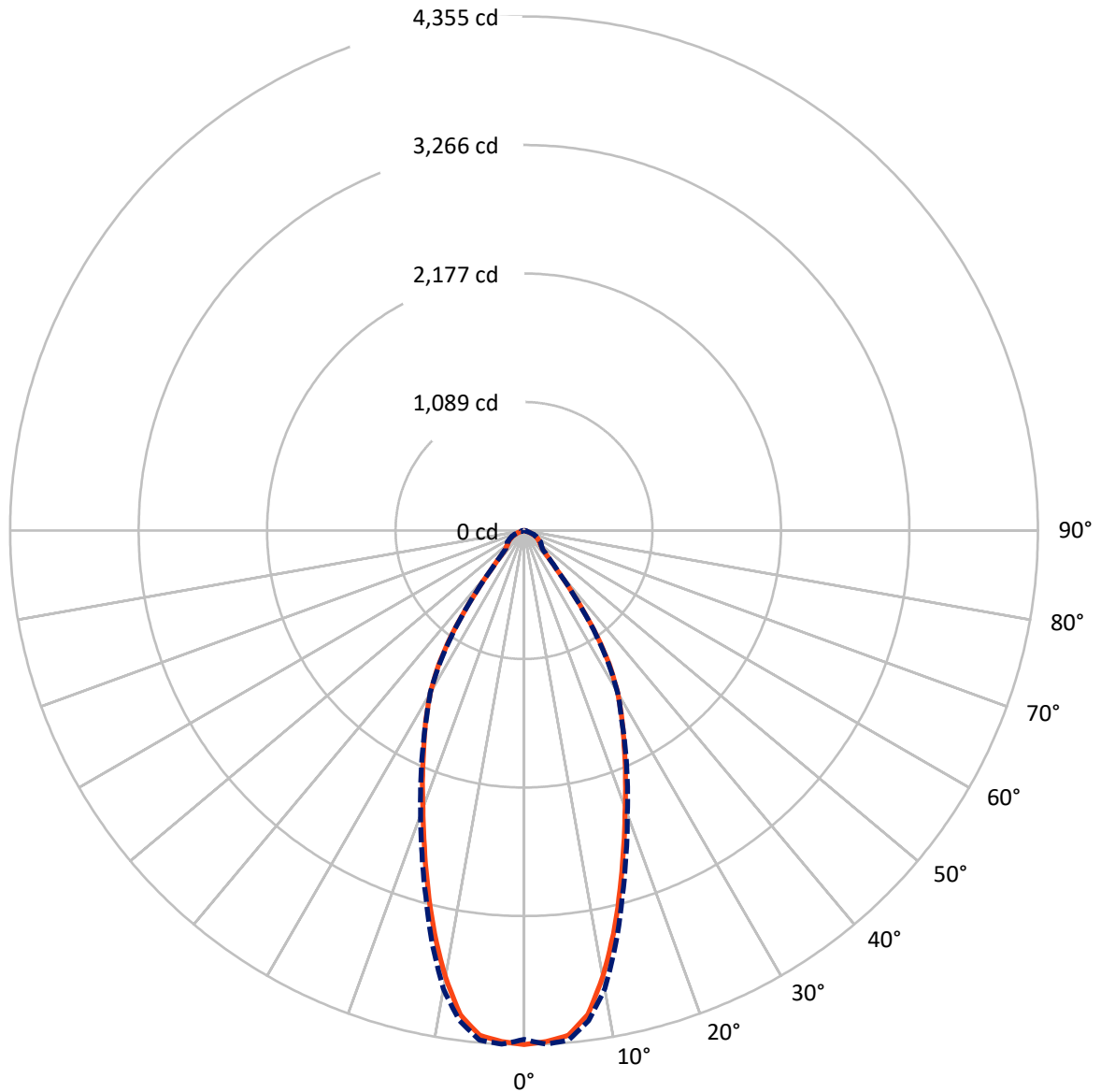
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Lumen Table

90																			
80	0.1	0.7		1.6		2.8		1.9		2.8		1.6		0.7		0.1			
70																			
60	0.4	0.4	0.8	1.2	1.8	2.2	2.6	2.8	2.8	2.6	2.2	1.8	1.2	0.8	0.4	0.4			
50		0.7	1.3	2.1	2.9	3.6	4.2	4.6	4.6	4.2	3.6	2.9	2.1	1.3	0.7				
40	0.5	0.9	1.7	2.9	4.0	5.0	6.2	7.4	7.4	6.2	5.0	4.0	2.9	1.7	0.9	0.5			
30		1.0	2.1	3.4	5.0	10.0	21.1	29.9	29.9	21.1	10.0	5.0	3.4	2.1	1.0				
20	0.5	1.2	2.5	3.9	9.1	28.3	48.6	59.9	59.9	48.6	28.3	9.1	3.9	2.5	1.2	0.5			
10		1.3	2.7	4.6	18.0	45.4	70.6	92.0	92.0	70.6	45.4	18.0	4.6	2.7	1.3				
0	0.5	1.4	2.9	5.4	24.5	54.6	90.0	123.2	123.2	90.0	54.6	24.5	5.4	2.9	1.4	0.5			
-10		1.4	2.9	5.4	24.5	54.6	90.0	123.2	123.2	90.0	54.6	24.5	5.4	2.9	1.4				
-20	0.5	1.3	2.7	4.6	18.0	45.4	70.6	92.0	92.0	70.6	45.4	18.0	4.6	2.7	1.3	0.5			
-30		1.2	2.5	3.9	9.1	28.3	48.6	59.9	59.9	48.6	28.3	9.1	3.9	2.5	1.2				
-40	0.5	1.0	2.1	3.4	5.0	10.0	21.1	29.9	29.9	21.1	10.0	5.0	3.4	2.1	1.0	0.5			
-50		0.9	1.7	2.9	4.0	5.0	6.2	7.4	7.4	6.2	5.0	4.0	2.9	1.7	0.9				
-60	0.4	0.7	1.3	2.1	2.9	3.6	4.2	4.6	4.6	4.2	3.6	2.9	2.1	1.3	0.7	0.4			
-70		0.4	0.8	1.2	1.8	2.2	2.6	2.8	2.8	2.6	2.2	1.8	1.2	0.8	0.4				
-80	0.1	0.7		1.6		2.8		1.9		2.8		1.6		0.7		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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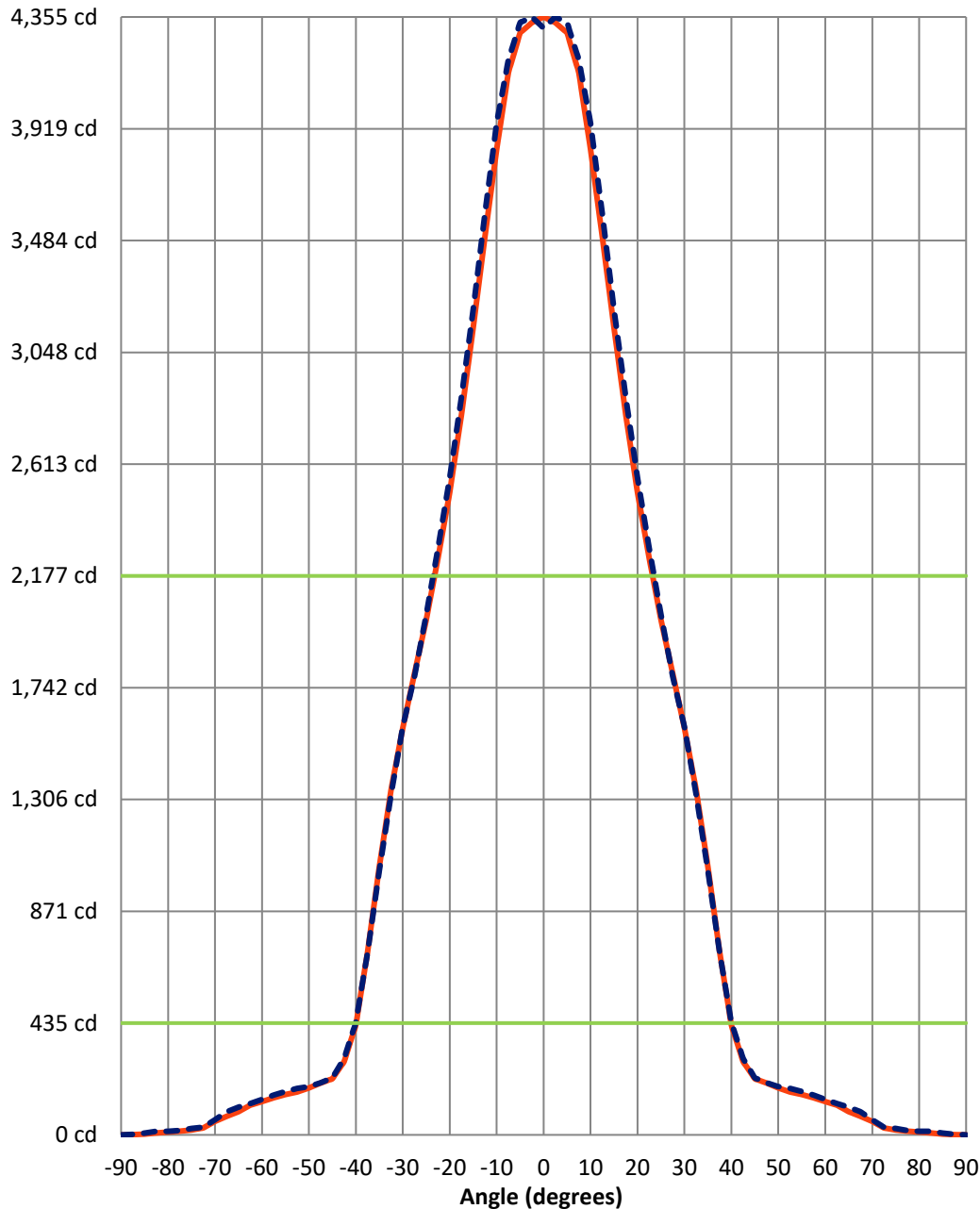
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47.1°
 V Angle: 46.4°
 Lumens: 1596.2
 Efficiency: 48.1%

Field:
 H Angle: 80.1°
 V Angle: 79.9°
 Lumens: 2842.5
 Efficiency: 85.6%

Spill:
 Lumens: 476.3
 Efficiency: 14.4%

— Vertical Distribution through -2.5-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	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.3
85°	0.0	0.2	0.5	0.8	1.2	1.6	2.1	2.3	2.4	2.5	2.5
82.5°	0.0	0.3	0.8	1.3	1.8	2.4	3.1	3.4	3.7	4.2	4.6
80°	0.0	0.4	1.0	1.7	2.4	3.2	4.2	5.3	6.1	6.7	7.2
77.5°	0.0	0.5	1.3	2.1	3.0	4.2	6.2	7.5	8.5	9.2	10.1
75°	0.0	0.6	1.5	2.5	3.6	5.7	8.1	9.8	11.0	12.7	13.9
72.5°	0.0	0.7	1.8	2.9	4.6	7.0	10.0	12.3	14.6	16.5	17.9
70°	0.0	0.8	2.0	3.3	5.5	8.4	11.9	15.7	18.3	20.4	23.5
67.5°	0.0	0.9	2.2	3.9	6.4	9.6	14.5	19.1	22.0	25.5	29.5
65°	0.0	1.0	2.5	4.4	7.3	11.1	17.0	22.5	26.3	30.5	35.1
62.5°	0.0	1.1	2.7	4.9	8.1	12.8	19.3	26.0	30.4	35.3	39.9
60°	0.0	1.2	2.9	5.4	8.8	14.4	21.4	29.4	34.5	39.3	44.5
57.5°	0.0	1.3	3.2	5.9	9.8	15.8	23.2	32.4	37.9	43.1	48.5
55°	0.0	1.4	3.4	6.3	10.7	17.1	24.7	34.5	41.0	46.7	52.1
52.5°	0.0	1.5	3.7	6.7	11.5	18.2	26.0	35.9	44.0	49.9	55.6
50°	0.0	1.5	4.0	7.1	12.2	18.9	27.1	37.0	46.8	53.0	58.9
47.5°	0.0	1.6	4.2	7.4	12.8	19.4	27.8	37.8	49.4	55.9	62.1
45°	0.0	1.7	4.5	7.8	13.4	19.8	28.1	38.2	50.3	58.8	65.2
42.5°	0.0	1.7	4.7	8.1	13.8	19.9	28.2	38.5	50.8	61.5	68.7
40°	0.0	1.8	5.0	8.5	14.0	19.9	28.1	38.8	51.1	63.9	72.0
37.5°	0.0	1.8	5.2	9.0	13.9	19.7	27.8	38.8	51.4	64.4	75.2
35°	0.0	1.9	5.4	9.4	13.7	19.3	27.3	38.6	51.5	65.7	78.5
32.5°	0.0	1.9	5.6	9.8	13.4	18.8	26.6	38.2	51.4	67.6	81.7
30°	0.0	1.9	5.8	10.3	13.0	18.2	26.2	37.7	51.2	70.0	84.8
27.5°	0.0	2.0	6.0	10.7	13.2	17.4	25.6	37.3	51.6	72.8	87.8
25°	0.0	2.0	6.1	11.1	13.4	16.5	24.8	36.8	53.4	75.4	90.6
22.5°	0.0	2.0	6.3	11.5	13.5	15.8	23.8	36.1	55.3	77.5	93.1
20°	0.0	2.0	6.4	11.9	13.7	16.1	22.8	35.2	57.2	79.5	95.5
17.5°	0.0	2.1	6.6	12.2	13.8	16.3	22.7	34.2	59.2	81.2	97.7
15°	0.0	2.1	6.7	12.6	13.9	16.5	23.3	33.7	61.1	82.8	99.7
12.5°	0.0	2.1	6.8	12.9	13.9	16.6	23.8	33.7	62.5	84.0	101.5
10°	0.0	2.1	6.9	13.2	14.0	16.8	24.3	33.4	62.9	85.4	103.2
7.5°	0.0	2.0	6.9	13.4	14.0	16.9	24.6	32.8	62.8	86.9	105.0
5°	0.0	2.0	7.0	13.7	14.0	16.9	24.8	32.0	62.0	88.2	106.3
2.5°	0.0	2.0	7.0	13.8	14.0	17.0	25.0	31.1	60.8	89.3	107.4
0°	0.0	2.0	7.0	14.0	14.0	17.0	25.0	30.0	59.0	90.0	108.0
-2.5°	0.0	2.0	7.0	13.8	14.0	17.0	25.0	31.1	60.8	89.3	107.4
-5°	0.0	2.0	7.0	13.7	14.0	16.9	24.8	32.0	62.0	88.2	106.3
-7.5°	0.0	2.0	6.9	13.4	14.0	16.9	24.6	32.8	62.8	86.9	105.0
-10°	0.0	2.1	6.9	13.2	14.0	16.8	24.3	33.4	62.9	85.4	103.2
-12.5°	0.0	2.1	6.8	12.9	13.9	16.6	23.8	33.7	62.5	84.0	101.5
-15°	0.0	2.1	6.7	12.6	13.9	16.5	23.3	33.7	61.1	82.8	99.7
-17.5°	0.0	2.1	6.6	12.2	13.8	16.3	22.7	34.2	59.2	81.2	97.7
-20°	0.0	2.0	6.4	11.9	13.7	16.1	22.8	35.2	57.2	79.5	95.5



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	6.3	11.5	13.5	15.8	23.8	36.1	55.3	77.5	93.1
-25°	0.0	2.0	6.1	11.1	13.4	16.5	24.8	36.8	53.4	75.4	90.6
-27.5°	0.0	2.0	6.0	10.7	13.2	17.4	25.6	37.3	51.6	72.8	87.8
-30°	0.0	1.9	5.8	10.3	13.0	18.2	26.2	37.7	51.2	70.0	84.8
-32.5°	0.0	1.9	5.6	9.8	13.4	18.8	26.6	38.2	51.4	67.6	81.7
-35°	0.0	1.9	5.4	9.4	13.7	19.3	27.3	38.6	51.5	65.7	78.5
-37.5°	0.0	1.8	5.2	9.0	13.9	19.7	27.8	38.8	51.4	64.4	75.2
-40°	0.0	1.8	5.0	8.5	14.0	19.9	28.1	38.8	51.1	63.9	72.0
-42.5°	0.0	1.7	4.7	8.1	13.8	19.9	28.2	38.5	50.8	61.5	68.7
-45°	0.0	1.7	4.5	7.8	13.4	19.8	28.1	38.2	50.3	58.8	65.2
-47.5°	0.0	1.6	4.2	7.4	12.8	19.4	27.8	37.8	49.4	55.9	62.1
-50°	0.0	1.5	4.0	7.1	12.2	18.9	27.1	37.0	46.8	53.0	58.9
-52.5°	0.0	1.5	3.7	6.7	11.5	18.2	26.0	35.9	44.0	49.9	55.6
-55°	0.0	1.4	3.4	6.3	10.7	17.1	24.7	34.5	41.0	46.7	52.1
-57.5°	0.0	1.3	3.2	5.9	9.8	15.8	23.2	32.4	37.9	43.1	48.5
-60°	0.0	1.2	2.9	5.4	8.8	14.4	21.4	29.4	34.5	39.3	44.5
-62.5°	0.0	1.1	2.7	4.9	8.1	12.8	19.3	26.0	30.4	35.3	39.9
-65°	0.0	1.0	2.5	4.4	7.3	11.1	17.0	22.5	26.3	30.5	35.1
-67.5°	0.0	0.9	2.2	3.9	6.4	9.6	14.5	19.1	22.0	25.5	29.5
-70°	0.0	0.8	2.0	3.3	5.5	8.4	11.9	15.7	18.3	20.4	23.5
-72.5°	0.0	0.7	1.8	2.9	4.6	7.0	10.0	12.3	14.6	16.5	17.9
-75°	0.0	0.6	1.5	2.5	3.6	5.7	8.1	9.8	11.0	12.7	13.9
-77.5°	0.0	0.5	1.3	2.1	3.0	4.2	6.2	7.5	8.5	9.2	10.1
-80°	0.0	0.4	1.0	1.7	2.4	3.2	4.2	5.3	6.1	6.7	7.2
-82.5°	0.0	0.3	0.8	1.3	1.8	2.4	3.1	3.4	3.7	4.2	4.6
-85°	0.0	0.2	0.5	0.8	1.2	1.6	2.1	2.3	2.4	2.5	2.5
-87.5°	0.0	0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.3
-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: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8
85°	2.5	2.5	2.8	3.0	3.1	3.1	2.9	2.7	3.1	3.6	4.2
82.5°	5.2	5.7	6.4	7.0	7.0	6.7	6.2	5.6	6.6	8.0	9.6
80°	8.0	9.0	10.4	11.9	11.9	11.3	10.2	8.7	10.3	13.1	16.2
77.5°	11.7	13.6	15.5	17.5	17.4	16.0	14.3	12.4	14.5	18.7	23.2
75°	15.8	18.2	20.7	22.5	22.2	20.6	18.9	17.9	20.7	25.8	30.6
72.5°	20.8	24.0	26.3	27.5	27.9	27.4	27.0	26.6	29.0	34.1	38.4
70°	27.2	30.1	32.2	33.9	34.9	35.1	35.7	36.7	39.0	43.4	46.9
67.5°	33.5	36.3	38.6	40.5	41.9	43.1	44.7	47.5	51.0	54.6	56.7
65°	39.3	42.4	44.6	46.6	48.7	51.5	55.0	59.1	62.3	64.6	67.0
62.5°	45.0	47.8	50.2	52.9	56.3	60.2	64.3	67.9	71.0	74.5	78.7
60°	49.4	52.8	55.7	59.3	63.6	68.6	72.9	77.2	81.2	85.1	90.1
57.5°	53.5	57.5	61.1	65.7	71.3	77.2	82.6	87.4	91.9	96.5	101.4
55°	57.3	61.9	66.5	72.4	79.1	86.5	92.4	97.5	102.7	108.5	113.5
52.5°	60.9	66.1	72.3	79.4	87.6	95.1	101.4	107.1	113.3	119.9	125.4
50°	64.5	71.0	78.2	87.1	95.4	102.7	109.8	116.1	123.2	130.3	137.2
47.5°	68.5	75.8	85.2	94.4	102.2	109.7	117.1	125.1	132.9	140.7	148.4
45°	72.7	81.4	91.8	100.4	108.5	116.2	124.9	134.0	142.4	150.6	157.8
42.5°	76.6	87.2	97.2	106.1	114.2	123.0	132.6	142.2	151.1	158.6	165.7
40°	81.4	92.6	102.3	111.2	119.8	129.8	139.7	149.6	158.1	165.3	172.2
37.5°	86.1	97.2	107.2	116.2	125.7	136.0	146.2	155.8	163.9	171.0	176.6
35°	90.5	101.5	111.8	121.4	131.5	141.5	152.0	161.5	168.8	175.2	181.9
32.5°	94.4	105.7	116.3	126.4	136.9	147.0	157.8	165.7	172.8	179.7	188.6
30°	97.9	109.6	120.6	130.9	142.3	152.9	162.0	169.4	176.6	185.6	199.2
27.5°	101.2	113.4	124.5	135.5	147.6	158.1	166.0	172.9	181.4	192.7	211.6
25°	104.4	116.9	127.9	140.2	152.1	162.1	170.0	176.7	186.3	203.5	241.8
22.5°	107.4	120.1	131.3	144.8	156.1	165.7	173.2	181.3	193.6	214.5	276.3
20°	110.0	122.8	135.1	149.0	159.6	169.2	176.0	185.9	202.4	244.0	328.1
17.5°	112.3	125.5	138.8	152.2	163.0	172.2	178.6	190.2	210.1	270.3	383.4
15°	114.3	128.1	142.1	155.1	166.0	174.9	182.8	196.3	225.0	299.6	434.4
12.5°	116.1	130.4	144.9	157.8	168.7	177.5	186.7	202.2	243.9	339.2	516.0
10°	117.5	132.6	147.3	160.1	171.0	180.1	189.8	207.1	260.1	373.0	583.5
7.5°	119.0	134.5	149.3	162.1	173.1	182.5	192.4	211.1	273.1	399.6	635.9
5°	120.3	136.0	151.6	164.7	175.7	184.8	194.9	214.2	282.8	418.9	673.0
2.5°	121.3	137.2	153.5	167.0	178.5	186.6	199.1	218.6	291.9	431.9	697.8
0°	122.0	138.0	155.0	169.0	181.0	188.0	203.0	222.0	298.0	438.0	710.0
-2.5°	121.3	137.2	153.5	167.0	178.5	186.6	199.1	218.6	291.9	431.9	697.8
-5°	120.3	136.0	151.6	164.7	175.7	184.8	194.9	214.2	282.8	418.9	673.0
-7.5°	119.0	134.5	149.3	162.1	173.1	182.5	192.4	211.1	273.1	399.6	635.9
-10°	117.5	132.6	147.3	160.1	171.0	180.1	189.8	207.1	260.1	373.0	583.5
-12.5°	116.1	130.4	144.9	157.8	168.7	177.5	186.7	202.2	243.9	339.2	516.0
-15°	114.3	128.1	142.1	155.1	166.0	174.9	182.8	196.3	225.0	299.6	434.4
-17.5°	112.3	125.5	138.8	152.2	163.0	172.2	178.6	190.2	210.1	270.3	383.4
-20°	110.0	122.8	135.1	149.0	159.6	169.2	176.0	185.9	202.4	244.0	328.1



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	107.4	120.1	131.3	144.8	156.1	165.7	173.2	181.3	193.6	214.5	276.3
-25°	104.4	116.9	127.9	140.2	152.1	162.1	170.0	176.7	186.3	203.5	241.8
-27.5°	101.2	113.4	124.5	135.5	147.6	158.1	166.0	172.9	181.4	192.7	211.6
-30°	97.9	109.6	120.6	130.9	142.3	152.9	162.0	169.4	176.6	185.6	199.2
-32.5°	94.4	105.7	116.3	126.4	136.9	147.0	157.8	165.7	172.8	179.7	188.6
-35°	90.5	101.5	111.8	121.4	131.5	141.5	152.0	161.5	168.8	175.2	181.9
-37.5°	86.1	97.2	107.2	116.2	125.7	136.0	146.2	155.8	163.9	171.0	176.6
-40°	81.4	92.6	102.3	111.2	119.8	129.8	139.7	149.6	158.1	165.3	172.2
-42.5°	76.6	87.2	97.2	106.1	114.2	123.0	132.6	142.2	151.1	158.6	165.7
-45°	72.7	81.4	91.8	100.4	108.5	116.2	124.9	134.0	142.4	150.6	157.8
-47.5°	68.5	75.8	85.2	94.4	102.2	109.7	117.1	125.1	132.9	140.7	148.4
-50°	64.5	71.0	78.2	87.1	95.4	102.7	109.8	116.1	123.2	130.3	137.2
-52.5°	60.9	66.1	72.3	79.4	87.6	95.1	101.4	107.1	113.3	119.9	125.4
-55°	57.3	61.9	66.5	72.4	79.1	86.5	92.4	97.5	102.7	108.5	113.5
-57.5°	53.5	57.5	61.1	65.7	71.3	77.2	82.6	87.4	91.9	96.5	101.4
-60°	49.4	52.8	55.7	59.3	63.6	68.6	72.9	77.2	81.2	85.1	90.1
-62.5°	45.0	47.8	50.2	52.9	56.3	60.2	64.3	67.9	71.0	74.5	78.7
-65°	39.3	42.4	44.6	46.6	48.7	51.5	55.0	59.1	62.3	64.6	67.0
-67.5°	33.5	36.3	38.6	40.5	41.9	43.1	44.7	47.5	51.0	54.6	56.7
-70°	27.2	30.1	32.2	33.9	34.9	35.1	35.7	36.7	39.0	43.4	46.9
-72.5°	20.8	24.0	26.3	27.5	27.9	27.4	27.0	26.6	29.0	34.1	38.4
-75°	15.8	18.2	20.7	22.5	22.2	20.6	18.9	17.9	20.7	25.8	30.6
-77.5°	11.7	13.6	15.5	17.5	17.4	16.0	14.3	12.4	14.5	18.7	23.2
-80°	8.0	9.0	10.4	11.9	11.9	11.3	10.2	8.7	10.3	13.1	16.2
-82.5°	5.2	5.7	6.4	7.0	7.0	6.7	6.2	5.6	6.6	8.0	9.6
-85°	2.5	2.5	2.8	3.0	3.1	3.1	2.9	2.7	3.1	3.6	4.2
-87.5°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	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: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	4.8	4.6	4.3	3.9	3.5	3.5	3.6	3.7	3.8	3.6	3.4
82.5°	11.4	11.6	11.5	11.4	11.2	11.9	12.6	13.2	13.9	12.4	10.7
80°	19.6	20.9	21.9	23.2	24.5	25.4	25.9	26.2	26.3	23.0	19.2
77.5°	27.9	30.4	32.1	33.6	35.1	35.6	35.8	36.1	36.3	31.7	26.1
75°	35.0	37.7	39.2	40.6	41.9	42.7	43.3	43.8	44.3	39.2	32.4
72.5°	41.9	44.2	45.7	47.1	48.5	49.6	50.5	51.3	52.0	47.9	42.1
70°	49.2	50.7	52.5	54.3	55.8	56.9	58.0	58.9	59.7	58.8	57.4
67.5°	58.5	60.4	62.4	63.5	64.9	66.6	68.3	69.1	69.3	69.6	70.2
65°	69.8	73.4	76.2	78.5	80.5	82.0	83.7	85.6	87.7	89.4	90.1
62.5°	83.2	87.1	89.4	91.8	94.6	97.3	99.9	102.4	104.7	106.9	109.1
60°	94.1	97.2	100.1	103.2	106.2	109.1	112.2	115.3	118.2	120.9	123.6
57.5°	105.3	108.0	110.3	114.3	117.8	120.9	124.2	127.6	130.8	133.6	136.7
55°	117.0	119.8	122.0	127.2	131.3	133.7	135.8	139.0	141.8	144.2	147.4
52.5°	128.9	133.6	138.9	143.6	145.5	146.0	145.6	149.9	152.6	153.5	156.5
50°	142.7	148.4	153.7	158.2	159.3	161.0	163.6	165.5	166.3	166.7	170.1
47.5°	154.6	160.6	165.4	169.7	172.2	174.6	177.8	180.2	181.4	182.7	186.0
45°	164.7	169.7	174.3	177.8	181.3	185.6	189.8	193.1	197.5	201.5	205.6
42.5°	172.2	176.6	180.4	186.1	192.0	198.6	206.4	213.2	226.4	242.9	256.8
40°	177.2	182.3	189.4	197.3	208.4	218.9	244.5	269.1	298.1	336.8	367.0
37.5°	182.9	191.0	202.1	214.4	242.3	272.1	325.5	385.6	438.3	518.7	589.5
35°	190.5	203.9	220.9	258.3	307.8	383.8	470.9	586.5	691.1	795.9	888.3
32.5°	203.0	224.6	266.6	337.2	423.2	561.2	697.3	844.7	978.6	1093.7	1187.9
30°	220.1	266.5	347.7	451.8	614.2	783.5	958.8	1114.9	1252.3	1368.3	1451.6
27.5°	258.4	338.5	454.2	635.1	825.1	1023.4	1200.9	1361.0	1483.4	1592.6	1669.7
25°	310.4	425.4	621.3	832.1	1045.2	1236.8	1411.9	1559.8	1672.3	1784.0	1864.4
22.5°	384.5	564.2	790.8	1030.3	1241.0	1427.9	1595.3	1726.1	1849.2	1964.9	2063.5
20°	468.2	700.4	961.6	1199.0	1409.6	1594.5	1736.9	1895.1	2026.1	2165.2	2279.5
17.5°	583.7	844.4	1110.1	1347.8	1553.8	1725.3	1893.8	2051.7	2214.2	2367.8	2512.2
15°	686.1	974.2	1236.5	1467.5	1667.4	1850.5	2035.8	2207.1	2399.2	2584.0	2759.9
12.5°	786.0	1081.4	1343.4	1571.1	1763.3	1961.1	2163.7	2374.7	2591.6	2808.7	3027.8
10°	872.5	1166.3	1422.7	1649.2	1853.0	2061.9	2281.5	2524.0	2778.6	3032.2	3282.8
7.5°	941.0	1235.0	1488.6	1714.7	1926.6	2144.4	2388.1	2652.9	2941.9	3247.4	3548.6
5°	990.6	1286.1	1542.8	1758.4	1979.9	2208.7	2472.4	2765.9	3076.9	3413.2	3745.5
2.5°	1020.3	1317.2	1579.1	1786.3	2010.9	2261.0	2532.0	2835.7	3173.5	3530.0	3867.3
0°	1029.0	1325.0	1589.0	1786.5	2027.0	2285.0	2560.0	2874.5	3215.0	3589.0	3941.0
-2.5°	1020.3	1317.2	1579.1	1786.3	2010.9	2261.0	2532.0	2835.7	3173.5	3530.0	3867.3
-5°	990.6	1286.1	1542.8	1758.4	1979.9	2208.7	2472.4	2765.9	3076.9	3413.2	3745.5
-7.5°	941.0	1235.0	1488.6	1714.7	1926.6	2144.4	2388.1	2652.9	2941.9	3247.4	3548.6
-10°	872.5	1166.3	1422.7	1649.2	1853.0	2061.9	2281.5	2524.0	2778.6	3032.2	3282.8
-12.5°	786.0	1081.4	1343.4	1571.1	1763.3	1961.1	2163.7	2374.7	2591.6	2808.7	3027.8
-15°	686.1	974.2	1236.5	1467.5	1667.4	1850.5	2035.8	2207.1	2399.2	2584.0	2759.9
-17.5°	583.7	844.4	1110.1	1347.8	1553.8	1725.3	1893.8	2051.7	2214.2	2367.8	2512.2
-20°	468.2	700.4	961.6	1199.0	1409.6	1594.5	1736.9	1895.1	2026.1	2165.2	2279.5



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	384.5	564.2	790.8	1030.3	1241.0	1427.9	1595.3	1726.1	1849.2	1964.9	2063.5
-25°	310.4	425.4	621.3	832.1	1045.2	1236.8	1411.9	1559.8	1672.3	1784.0	1864.4
-27.5°	258.4	338.5	454.2	635.1	825.1	1023.4	1200.9	1361.0	1483.4	1592.6	1669.7
-30°	220.1	266.5	347.7	451.8	614.2	783.5	958.8	1114.9	1252.3	1368.3	1451.6
-32.5°	203.0	224.6	266.6	337.2	423.2	561.2	697.3	844.7	978.6	1093.7	1187.9
-35°	190.5	203.9	220.9	258.3	307.8	383.8	470.9	586.5	691.1	795.9	888.3
-37.5°	182.9	191.0	202.1	214.4	242.3	272.1	325.5	385.6	438.3	518.7	589.5
-40°	177.2	182.3	189.4	197.3	208.4	218.9	244.5	269.1	298.1	336.8	367.0
-42.5°	172.2	176.6	180.4	186.1	192.0	198.6	206.4	213.2	226.4	242.9	256.8
-45°	164.7	169.7	174.3	177.8	181.3	185.6	189.8	193.1	197.5	201.5	205.6
-47.5°	154.6	160.6	165.4	169.7	172.2	174.6	177.8	180.2	181.4	182.7	186.0
-50°	142.7	148.4	153.7	158.2	159.3	161.0	163.6	165.5	166.3	166.7	170.1
-52.5°	128.9	133.6	138.9	143.6	145.5	146.0	145.6	149.9	152.6	153.5	156.5
-55°	117.0	119.8	122.0	127.2	131.3	133.7	135.8	139.0	141.8	144.2	147.4
-57.5°	105.3	108.0	110.3	114.3	117.8	120.9	124.2	127.6	130.8	133.6	136.7
-60°	94.1	97.2	100.1	103.2	106.2	109.1	112.2	115.3	118.2	120.9	123.6
-62.5°	83.2	87.1	89.4	91.8	94.6	97.3	99.9	102.4	104.7	106.9	109.1
-65°	69.8	73.4	76.2	78.5	80.5	82.0	83.7	85.6	87.7	89.4	90.1
-67.5°	58.5	60.4	62.4	63.5	64.9	66.6	68.3	69.1	69.3	69.6	70.2
-70°	49.2	50.7	52.5	54.3	55.8	56.9	58.0	58.9	59.7	58.8	57.4
-72.5°	41.9	44.2	45.7	47.1	48.5	49.6	50.5	51.3	52.0	47.9	42.1
-75°	35.0	37.7	39.2	40.6	41.9	42.7	43.3	43.8	44.3	39.2	32.4
-77.5°	27.9	30.4	32.1	33.6	35.1	35.6	35.8	36.1	36.3	31.7	26.1
-80°	19.6	20.9	21.9	23.2	24.5	25.4	25.9	26.2	26.3	23.0	19.2
-82.5°	11.4	11.6	11.5	11.4	11.2	11.9	12.6	13.2	13.9	12.4	10.7
-85°	4.8	4.6	4.3	3.9	3.5	3.5	3.6	3.7	3.8	3.6	3.4
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
82.5°	8.9	7.0	7.5	8.0	7.5	7.0	8.9	10.7	12.4	13.9	13.2
80°	15.2	11.1	11.0	11.0	11.0	11.1	15.2	19.2	23.0	26.3	26.2
77.5°	20.2	14.2	14.5	15.0	14.5	14.2	20.2	26.1	31.7	36.3	36.1
75°	25.5	18.4	18.9	20.0	18.9	18.4	25.5	32.4	39.2	44.3	43.8
72.5°	36.2	30.3	27.1	24.0	27.1	30.3	36.2	42.1	47.9	52.0	51.3
70°	56.3	55.4	52.5	49.0	52.5	55.4	56.3	57.4	58.8	59.7	58.9
67.5°	70.9	71.4	72.3	73.0	72.3	71.4	70.9	70.2	69.6	69.3	69.1
65°	90.1	89.6	90.3	91.0	90.3	89.6	90.1	90.1	89.4	87.7	85.6
62.5°	111.4	113.6	115.6	117.0	115.6	113.6	111.4	109.1	106.9	104.7	102.4
60°	126.0	128.0	129.7	131.0	129.7	128.0	126.0	123.6	120.9	118.2	115.3
57.5°	139.4	141.8	144.4	147.0	144.4	141.8	139.4	136.7	133.6	130.8	127.6
55°	150.6	153.5	157.1	161.0	157.1	153.5	150.6	147.4	144.2	141.8	139.0
52.5°	160.0	163.3	167.1	171.0	167.1	163.3	160.0	156.5	153.5	152.6	149.9
50°	175.0	179.4	182.8	185.0	182.8	179.4	175.0	170.1	166.7	166.3	165.5
47.5°	191.3	196.1	201.8	209.0	201.8	196.1	191.3	186.0	182.7	181.4	180.2
45°	210.7	214.5	218.7	224.0	218.7	214.5	210.7	205.6	201.5	197.5	193.1
42.5°	269.7	279.4	285.4	287.0	285.4	279.4	269.7	256.8	242.9	226.4	213.2
40°	393.9	414.5	427.9	434.0	427.9	414.5	393.9	367.0	336.8	298.1	269.1
37.5°	647.4	688.5	712.6	720.0	712.6	688.5	647.4	589.5	518.7	438.3	385.6
35°	961.1	1013.2	1043.8	1042.0	1043.8	1013.2	961.1	888.3	795.9	691.1	586.5
32.5°	1261.5	1312.3	1343.1	1357.0	1343.1	1312.3	1261.5	1187.9	1093.7	978.6	844.7
30°	1518.4	1561.1	1584.9	1604.0	1584.9	1561.1	1518.4	1451.6	1368.3	1252.3	1114.9
27.5°	1735.0	1776.0	1797.7	1806.0	1797.7	1776.0	1735.0	1669.7	1592.6	1483.4	1361.0
25°	1938.4	1984.8	2006.7	2020.0	2006.7	1984.8	1938.4	1864.4	1784.0	1672.3	1559.8
22.5°	2145.6	2200.0	2246.2	2252.0	2246.2	2200.0	2145.6	2063.5	1964.9	1849.2	1726.1
20°	2386.2	2464.0	2502.7	2529.0	2502.7	2464.0	2386.2	2279.5	2165.2	2026.1	1895.1
17.5°	2642.3	2745.8	2805.6	2829.5	2805.6	2745.8	2642.3	2512.2	2367.8	2214.2	2051.7
15°	2926.4	3059.9	3144.1	3171.0	3144.1	3059.9	2926.4	2759.9	2584.0	2399.2	2207.1
12.5°	3228.5	3392.7	3498.9	3526.5	3498.9	3392.7	3228.5	3027.8	2808.7	2591.6	2374.7
10°	3523.2	3707.4	3839.0	3888.0	3839.0	3707.4	3523.2	3282.8	3032.2	2778.6	2524.0
7.5°	3791.4	4025.5	4137.9	4190.0	4137.9	4025.5	3791.4	3548.6	3247.4	2941.9	2652.9
5°	4015.5	4207.8	4293.3	4297.0	4293.3	4207.8	4015.5	3745.5	3413.2	3076.9	2765.9
2.5°	4137.2	4295.2	4332.7	4312.0	4332.7	4295.2	4137.2	3867.3	3530.0	3173.5	2835.7
0°	4188.0	4333.0	4355.0	4312.0	4355.0	4333.0	4188.0	3941.0	3589.0	3215.0	2874.5
-2.5°	4137.2	4295.2	4332.7	4312.0	4332.7	4295.2	4137.2	3867.3	3530.0	3173.5	2835.7
-5°	4015.5	4207.8	4293.3	4297.0	4293.3	4207.8	4015.5	3745.5	3413.2	3076.9	2765.9
-7.5°	3791.4	4025.5	4137.9	4190.0	4137.9	4025.5	3791.4	3548.6	3247.4	2941.9	2652.9
-10°	3523.2	3707.4	3839.0	3888.0	3839.0	3707.4	3523.2	3282.8	3032.2	2778.6	2524.0
-12.5°	3228.5	3392.7	3498.9	3526.5	3498.9	3392.7	3228.5	3027.8	2808.7	2591.6	2374.7
-15°	2926.4	3059.9	3144.1	3171.0	3144.1	3059.9	2926.4	2759.9	2584.0	2399.2	2207.1
-17.5°	2642.3	2745.8	2805.6	2829.5	2805.6	2745.8	2642.3	2512.2	2367.8	2214.2	2051.7
-20°	2386.2	2464.0	2502.7	2529.0	2502.7	2464.0	2386.2	2279.5	2165.2	2026.1	1895.1



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2145.6	2200.0	2246.2	2252.0	2246.2	2200.0	2145.6	2063.5	1964.9	1849.2	1726.1
-25°	1938.4	1984.8	2006.7	2020.0	2006.7	1984.8	1938.4	1864.4	1784.0	1672.3	1559.8
-27.5°	1735.0	1776.0	1797.7	1806.0	1797.7	1776.0	1735.0	1669.7	1592.6	1483.4	1361.0
-30°	1518.4	1561.1	1584.9	1604.0	1584.9	1561.1	1518.4	1451.6	1368.3	1252.3	1114.9
-32.5°	1261.5	1312.3	1343.1	1357.0	1343.1	1312.3	1261.5	1187.9	1093.7	978.6	844.7
-35°	961.1	1013.2	1043.8	1042.0	1043.8	1013.2	961.1	888.3	795.9	691.1	586.5
-37.5°	647.4	688.5	712.6	720.0	712.6	688.5	647.4	589.5	518.7	438.3	385.6
-40°	393.9	414.5	427.9	434.0	427.9	414.5	393.9	367.0	336.8	298.1	269.1
-42.5°	269.7	279.4	285.4	287.0	285.4	279.4	269.7	256.8	242.9	226.4	213.2
-45°	210.7	214.5	218.7	224.0	218.7	214.5	210.7	205.6	201.5	197.5	193.1
-47.5°	191.3	196.1	201.8	209.0	201.8	196.1	191.3	186.0	182.7	181.4	180.2
-50°	175.0	179.4	182.8	185.0	182.8	179.4	175.0	170.1	166.7	166.3	165.5
-52.5°	160.0	163.3	167.1	171.0	167.1	163.3	160.0	156.5	153.5	152.6	149.9
-55°	150.6	153.5	157.1	161.0	157.1	153.5	150.6	147.4	144.2	141.8	139.0
-57.5°	139.4	141.8	144.4	147.0	144.4	141.8	139.4	136.7	133.6	130.8	127.6
-60°	126.0	128.0	129.7	131.0	129.7	128.0	126.0	123.6	120.9	118.2	115.3
-62.5°	111.4	113.6	115.6	117.0	115.6	113.6	111.4	109.1	106.9	104.7	102.4
-65°	90.1	89.6	90.3	91.0	90.3	89.6	90.1	90.1	89.4	87.7	85.6
-67.5°	70.9	71.4	72.3	73.0	72.3	71.4	70.9	70.2	69.6	69.3	69.1
-70°	56.3	55.4	52.5	49.0	52.5	55.4	56.3	57.4	58.8	59.7	58.9
-72.5°	36.2	30.3	27.1	24.0	27.1	30.3	36.2	42.1	47.9	52.0	51.3
-75°	25.5	18.4	18.9	20.0	18.9	18.4	25.5	32.4	39.2	44.3	43.8
-77.5°	20.2	14.2	14.5	15.0	14.5	14.2	20.2	26.1	31.7	36.3	36.1
-80°	15.2	11.1	11.0	11.0	11.0	11.1	15.2	19.2	23.0	26.3	26.2
-82.5°	8.9	7.0	7.5	8.0	7.5	7.0	8.9	10.7	12.4	13.9	13.2
-85°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	3.6	3.5	3.5	3.9	4.3	4.6	4.8	4.2	3.6	3.1	2.7
82.5°	12.6	11.9	11.2	11.4	11.5	11.6	11.4	9.6	8.0	6.6	5.6
80°	25.9	25.4	24.5	23.2	21.9	20.9	19.6	16.2	13.1	10.3	8.7
77.5°	35.8	35.6	35.1	33.6	32.1	30.4	27.9	23.2	18.7	14.5	12.4
75°	43.3	42.7	41.9	40.6	39.2	37.7	35.0	30.6	25.8	20.7	17.9
72.5°	50.5	49.6	48.5	47.1	45.7	44.2	41.9	38.4	34.1	29.0	26.6
70°	58.0	56.9	55.8	54.3	52.5	50.7	49.2	46.9	43.4	39.0	36.7
67.5°	68.3	66.6	64.9	63.5	62.4	60.4	58.5	56.7	54.6	51.0	47.5
65°	83.7	82.0	80.5	78.5	76.2	73.4	69.8	67.0	64.6	62.3	59.1
62.5°	99.9	97.3	94.6	91.8	89.4	87.1	83.2	78.7	74.5	71.0	67.9
60°	112.2	109.1	106.2	103.2	100.1	97.2	94.1	90.1	85.1	81.2	77.2
57.5°	124.2	120.9	117.8	114.3	110.3	108.0	105.3	101.4	96.5	91.9	87.4
55°	135.8	133.7	131.3	127.2	122.0	119.8	117.0	113.5	108.5	102.7	97.5
52.5°	145.6	146.0	145.5	143.6	138.9	133.6	128.9	125.4	119.9	113.3	107.1
50°	163.6	161.0	159.3	158.2	153.7	148.4	142.7	137.2	130.3	123.2	116.1
47.5°	177.8	174.6	172.2	169.7	165.4	160.6	154.6	148.4	140.7	132.9	125.1
45°	189.8	185.6	181.3	177.8	174.3	169.7	164.7	157.8	150.6	142.4	134.0
42.5°	206.4	198.6	192.0	186.1	180.4	176.6	172.2	165.7	158.6	151.1	142.2
40°	244.5	218.9	208.4	197.3	189.4	182.3	177.2	172.2	165.3	158.1	149.6
37.5°	325.5	272.1	242.3	214.4	202.1	191.0	182.9	176.6	171.0	163.9	155.8
35°	470.9	383.8	307.8	258.3	220.9	203.9	190.5	181.9	175.2	168.8	161.5
32.5°	697.3	561.2	423.2	337.2	266.6	224.6	203.0	188.6	179.7	172.8	165.7
30°	958.8	783.5	614.2	451.8	347.7	266.5	220.1	199.2	185.6	176.6	169.4
27.5°	1200.9	1023.4	825.1	635.1	454.2	338.5	258.4	211.6	192.7	181.4	172.9
25°	1411.9	1236.8	1045.2	832.1	621.3	425.4	310.4	241.8	203.5	186.3	176.7
22.5°	1595.3	1427.9	1241.0	1030.3	790.8	564.2	384.5	276.3	214.5	193.6	181.3
20°	1736.9	1594.5	1409.6	1199.0	961.6	700.4	468.2	328.1	244.0	202.4	185.9
17.5°	1893.8	1725.3	1553.8	1347.8	1110.1	844.4	583.7	383.4	270.3	210.1	190.2
15°	2035.8	1850.5	1667.4	1467.5	1236.5	974.2	686.1	434.4	299.6	225.0	196.3
12.5°	2163.7	1961.1	1763.3	1571.1	1343.4	1081.4	786.0	516.0	339.2	243.9	202.2
10°	2281.5	2061.9	1853.0	1649.2	1422.7	1166.3	872.5	583.5	373.0	260.1	207.1
7.5°	2388.1	2144.4	1926.6	1714.7	1488.6	1235.0	941.0	635.9	399.6	273.1	211.1
5°	2472.4	2208.7	1979.9	1758.4	1542.8	1286.1	990.6	673.0	418.9	282.8	214.2
2.5°	2532.0	2261.0	2010.9	1786.3	1579.1	1317.2	1020.3	697.8	431.9	291.9	218.6
0°	2560.0	2285.0	2027.0	1786.5	1589.0	1325.0	1029.0	710.0	438.0	298.0	222.0
-2.5°	2532.0	2261.0	2010.9	1786.3	1579.1	1317.2	1020.3	697.8	431.9	291.9	218.6
-5°	2472.4	2208.7	1979.9	1758.4	1542.8	1286.1	990.6	673.0	418.9	282.8	214.2
-7.5°	2388.1	2144.4	1926.6	1714.7	1488.6	1235.0	941.0	635.9	399.6	273.1	211.1
-10°	2281.5	2061.9	1853.0	1649.2	1422.7	1166.3	872.5	583.5	373.0	260.1	207.1
-12.5°	2163.7	1961.1	1763.3	1571.1	1343.4	1081.4	786.0	516.0	339.2	243.9	202.2
-15°	2035.8	1850.5	1667.4	1467.5	1236.5	974.2	686.1	434.4	299.6	225.0	196.3
-17.5°	1893.8	1725.3	1553.8	1347.8	1110.1	844.4	583.7	383.4	270.3	210.1	190.2
-20°	1736.9	1594.5	1409.6	1199.0	961.6	700.4	468.2	328.1	244.0	202.4	185.9



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1595.3	1427.9	1241.0	1030.3	790.8	564.2	384.5	276.3	214.5	193.6	181.3
-25°	1411.9	1236.8	1045.2	832.1	621.3	425.4	310.4	241.8	203.5	186.3	176.7
-27.5°	1200.9	1023.4	825.1	635.1	454.2	338.5	258.4	211.6	192.7	181.4	172.9
-30°	958.8	783.5	614.2	451.8	347.7	266.5	220.1	199.2	185.6	176.6	169.4
-32.5°	697.3	561.2	423.2	337.2	266.6	224.6	203.0	188.6	179.7	172.8	165.7
-35°	470.9	383.8	307.8	258.3	220.9	203.9	190.5	181.9	175.2	168.8	161.5
-37.5°	325.5	272.1	242.3	214.4	202.1	191.0	182.9	176.6	171.0	163.9	155.8
-40°	244.5	218.9	208.4	197.3	189.4	182.3	177.2	172.2	165.3	158.1	149.6
-42.5°	206.4	198.6	192.0	186.1	180.4	176.6	172.2	165.7	158.6	151.1	142.2
-45°	189.8	185.6	181.3	177.8	174.3	169.7	164.7	157.8	150.6	142.4	134.0
-47.5°	177.8	174.6	172.2	169.7	165.4	160.6	154.6	148.4	140.7	132.9	125.1
-50°	163.6	161.0	159.3	158.2	153.7	148.4	142.7	137.2	130.3	123.2	116.1
-52.5°	145.6	146.0	145.5	143.6	138.9	133.6	128.9	125.4	119.9	113.3	107.1
-55°	135.8	133.7	131.3	127.2	122.0	119.8	117.0	113.5	108.5	102.7	97.5
-57.5°	124.2	120.9	117.8	114.3	110.3	108.0	105.3	101.4	96.5	91.9	87.4
-60°	112.2	109.1	106.2	103.2	100.1	97.2	94.1	90.1	85.1	81.2	77.2
-62.5°	99.9	97.3	94.6	91.8	89.4	87.1	83.2	78.7	74.5	71.0	67.9
-65°	83.7	82.0	80.5	78.5	76.2	73.4	69.8	67.0	64.6	62.3	59.1
-67.5°	68.3	66.6	64.9	63.5	62.4	60.4	58.5	56.7	54.6	51.0	47.5
-70°	58.0	56.9	55.8	54.3	52.5	50.7	49.2	46.9	43.4	39.0	36.7
-72.5°	50.5	49.6	48.5	47.1	45.7	44.2	41.9	38.4	34.1	29.0	26.6
-75°	43.3	42.7	41.9	40.6	39.2	37.7	35.0	30.6	25.8	20.7	17.9
-77.5°	35.8	35.6	35.1	33.6	32.1	30.4	27.9	23.2	18.7	14.5	12.4
-80°	25.9	25.4	24.5	23.2	21.9	20.9	19.6	16.2	13.1	10.3	8.7
-82.5°	12.6	11.9	11.2	11.4	11.5	11.6	11.4	9.6	8.0	6.6	5.6
-85°	3.6	3.5	3.5	3.9	4.3	4.6	4.8	4.2	3.6	3.1	2.7
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	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: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.2	1.1
85°	2.9	3.1	3.1	3.0	2.8	2.5	2.5	2.5	2.5	2.4	2.3
82.5°	6.2	6.7	7.0	7.0	6.4	5.7	5.2	4.6	4.2	3.7	3.4
80°	10.2	11.3	11.9	11.9	10.4	9.0	8.0	7.2	6.7	6.1	5.3
77.5°	14.3	16.0	17.4	17.5	15.5	13.6	11.7	10.1	9.2	8.5	7.5
75°	18.9	20.6	22.2	22.5	20.7	18.2	15.8	13.9	12.7	11.0	9.8
72.5°	27.0	27.4	27.9	27.5	26.3	24.0	20.8	17.9	16.5	14.6	12.3
70°	35.7	35.1	34.9	33.9	32.2	30.1	27.2	23.5	20.4	18.3	15.7
67.5°	44.7	43.1	41.9	40.5	38.6	36.3	33.5	29.5	25.5	22.0	19.1
65°	55.0	51.5	48.7	46.6	44.6	42.4	39.3	35.1	30.5	26.3	22.5
62.5°	64.3	60.2	56.3	52.9	50.2	47.8	45.0	39.9	35.3	30.4	26.0
60°	72.9	68.6	63.6	59.3	55.7	52.8	49.4	44.5	39.3	34.5	29.4
57.5°	82.6	77.2	71.3	65.7	61.1	57.5	53.5	48.5	43.1	37.9	32.4
55°	92.4	86.5	79.1	72.4	66.5	61.9	57.3	52.1	46.7	41.0	34.5
52.5°	101.4	95.1	87.6	79.4	72.3	66.1	60.9	55.6	49.9	44.0	35.9
50°	109.8	102.7	95.4	87.1	78.2	71.0	64.5	58.9	53.0	46.8	37.0
47.5°	117.1	109.7	102.2	94.4	85.2	75.8	68.5	62.1	55.9	49.4	37.8
45°	124.9	116.2	108.5	100.4	91.8	81.4	72.7	65.2	58.8	50.3	38.2
42.5°	132.6	123.0	114.2	106.1	97.2	87.2	76.6	68.7	61.5	50.8	38.5
40°	139.7	129.8	119.8	111.2	102.3	92.6	81.4	72.0	63.9	51.1	38.8
37.5°	146.2	136.0	125.7	116.2	107.2	97.2	86.1	75.2	64.4	51.4	38.8
35°	152.0	141.5	131.5	121.4	111.8	101.5	90.5	78.5	65.7	51.5	38.6
32.5°	157.8	147.0	136.9	126.4	116.3	105.7	94.4	81.7	67.6	51.4	38.2
30°	162.0	152.9	142.3	130.9	120.6	109.6	97.9	84.8	70.0	51.2	37.7
27.5°	166.0	158.1	147.6	135.5	124.5	113.4	101.2	87.8	72.8	51.6	37.3
25°	170.0	162.1	152.1	140.2	127.9	116.9	104.4	90.6	75.4	53.4	36.8
22.5°	173.2	165.7	156.1	144.8	131.3	120.1	107.4	93.1	77.5	55.3	36.1
20°	176.0	169.2	159.6	149.0	135.1	122.8	110.0	95.5	79.5	57.2	35.2
17.5°	178.6	172.2	163.0	152.2	138.8	125.5	112.3	97.7	81.2	59.2	34.2
15°	182.8	174.9	166.0	155.1	142.1	128.1	114.3	99.7	82.8	61.1	33.7
12.5°	186.7	177.5	168.7	157.8	144.9	130.4	116.1	101.5	84.0	62.5	33.7
10°	189.8	180.1	171.0	160.1	147.3	132.6	117.5	103.2	85.4	62.9	33.4
7.5°	192.4	182.5	173.1	162.1	149.3	134.5	119.0	105.0	86.9	62.8	32.8
5°	194.9	184.8	175.7	164.7	151.6	136.0	120.3	106.3	88.2	62.0	32.0
2.5°	199.1	186.6	178.5	167.0	153.5	137.2	121.3	107.4	89.3	60.8	31.1
0°	203.0	188.0	181.0	169.0	155.0	138.0	122.0	108.0	90.0	59.0	30.0
-2.5°	199.1	186.6	178.5	167.0	153.5	137.2	121.3	107.4	89.3	60.8	31.1
-5°	194.9	184.8	175.7	164.7	151.6	136.0	120.3	106.3	88.2	62.0	32.0
-7.5°	192.4	182.5	173.1	162.1	149.3	134.5	119.0	105.0	86.9	62.8	32.8
-10°	189.8	180.1	171.0	160.1	147.3	132.6	117.5	103.2	85.4	62.9	33.4
-12.5°	186.7	177.5	168.7	157.8	144.9	130.4	116.1	101.5	84.0	62.5	33.7
-15°	182.8	174.9	166.0	155.1	142.1	128.1	114.3	99.7	82.8	61.1	33.7
-17.5°	178.6	172.2	163.0	152.2	138.8	125.5	112.3	97.7	81.2	59.2	34.2
-20°	176.0	169.2	159.6	149.0	135.1	122.8	110.0	95.5	79.5	57.2	35.2



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	173.2	165.7	156.1	144.8	131.3	120.1	107.4	93.1	77.5	55.3	36.1
-25°	170.0	162.1	152.1	140.2	127.9	116.9	104.4	90.6	75.4	53.4	36.8
-27.5°	166.0	158.1	147.6	135.5	124.5	113.4	101.2	87.8	72.8	51.6	37.3
-30°	162.0	152.9	142.3	130.9	120.6	109.6	97.9	84.8	70.0	51.2	37.7
-32.5°	157.8	147.0	136.9	126.4	116.3	105.7	94.4	81.7	67.6	51.4	38.2
-35°	152.0	141.5	131.5	121.4	111.8	101.5	90.5	78.5	65.7	51.5	38.6
-37.5°	146.2	136.0	125.7	116.2	107.2	97.2	86.1	75.2	64.4	51.4	38.8
-40°	139.7	129.8	119.8	111.2	102.3	92.6	81.4	72.0	63.9	51.1	38.8
-42.5°	132.6	123.0	114.2	106.1	97.2	87.2	76.6	68.7	61.5	50.8	38.5
-45°	124.9	116.2	108.5	100.4	91.8	81.4	72.7	65.2	58.8	50.3	38.2
-47.5°	117.1	109.7	102.2	94.4	85.2	75.8	68.5	62.1	55.9	49.4	37.8
-50°	109.8	102.7	95.4	87.1	78.2	71.0	64.5	58.9	53.0	46.8	37.0
-52.5°	101.4	95.1	87.6	79.4	72.3	66.1	60.9	55.6	49.9	44.0	35.9
-55°	92.4	86.5	79.1	72.4	66.5	61.9	57.3	52.1	46.7	41.0	34.5
-57.5°	82.6	77.2	71.3	65.7	61.1	57.5	53.5	48.5	43.1	37.9	32.4
-60°	72.9	68.6	63.6	59.3	55.7	52.8	49.4	44.5	39.3	34.5	29.4
-62.5°	64.3	60.2	56.3	52.9	50.2	47.8	45.0	39.9	35.3	30.4	26.0
-65°	55.0	51.5	48.7	46.6	44.6	42.4	39.3	35.1	30.5	26.3	22.5
-67.5°	44.7	43.1	41.9	40.5	38.6	36.3	33.5	29.5	25.5	22.0	19.1
-70°	35.7	35.1	34.9	33.9	32.2	30.1	27.2	23.5	20.4	18.3	15.7
-72.5°	27.0	27.4	27.9	27.5	26.3	24.0	20.8	17.9	16.5	14.6	12.3
-75°	18.9	20.6	22.2	22.5	20.7	18.2	15.8	13.9	12.7	11.0	9.8
-77.5°	14.3	16.0	17.4	17.5	15.5	13.6	11.7	10.1	9.2	8.5	7.5
-80°	10.2	11.3	11.9	11.9	10.4	9.0	8.0	7.2	6.7	6.1	5.3
-82.5°	6.2	6.7	7.0	7.0	6.4	5.7	5.2	4.6	4.2	3.7	3.4
-85°	2.9	3.1	3.1	3.0	2.8	2.5	2.5	2.5	2.5	2.4	2.3
-87.5°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.2	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

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°	1.0	0.8	0.6	0.4	0.3	0.1	0.0
85°	2.1	1.6	1.2	0.8	0.5	0.2	0.0
82.5°	3.1	2.4	1.8	1.3	0.8	0.3	0.0
80°	4.2	3.2	2.4	1.7	1.0	0.4	0.0
77.5°	6.2	4.2	3.0	2.1	1.3	0.5	0.0
75°	8.1	5.7	3.6	2.5	1.5	0.6	0.0
72.5°	10.0	7.0	4.6	2.9	1.8	0.7	0.0
70°	11.9	8.4	5.5	3.3	2.0	0.8	0.0
67.5°	14.5	9.6	6.4	3.9	2.2	0.9	0.0
65°	17.0	11.1	7.3	4.4	2.5	1.0	0.0
62.5°	19.3	12.8	8.1	4.9	2.7	1.1	0.0
60°	21.4	14.4	8.8	5.4	2.9	1.2	0.0
57.5°	23.2	15.8	9.8	5.9	3.2	1.3	0.0
55°	24.7	17.1	10.7	6.3	3.4	1.4	0.0
52.5°	26.0	18.2	11.5	6.7	3.7	1.5	0.0
50°	27.1	18.9	12.2	7.1	4.0	1.5	0.0
47.5°	27.8	19.4	12.8	7.4	4.2	1.6	0.0
45°	28.1	19.8	13.4	7.8	4.5	1.7	0.0
42.5°	28.2	19.9	13.8	8.1	4.7	1.7	0.0
40°	28.1	19.9	14.0	8.5	5.0	1.8	0.0
37.5°	27.8	19.7	13.9	9.0	5.2	1.8	0.0
35°	27.3	19.3	13.7	9.4	5.4	1.9	0.0
32.5°	26.6	18.8	13.4	9.8	5.6	1.9	0.0
30°	26.2	18.2	13.0	10.3	5.8	1.9	0.0
27.5°	25.6	17.4	13.2	10.7	6.0	2.0	0.0
25°	24.8	16.5	13.4	11.1	6.1	2.0	0.0
22.5°	23.8	15.8	13.5	11.5	6.3	2.0	0.0
20°	22.8	16.1	13.7	11.9	6.4	2.0	0.0
17.5°	22.7	16.3	13.8	12.2	6.6	2.1	0.0
15°	23.3	16.5	13.9	12.6	6.7	2.1	0.0
12.5°	23.8	16.6	13.9	12.9	6.8	2.1	0.0
10°	24.3	16.8	14.0	13.2	6.9	2.1	0.0
7.5°	24.6	16.9	14.0	13.4	6.9	2.0	0.0
5°	24.8	16.9	14.0	13.7	7.0	2.0	0.0
2.5°	25.0	17.0	14.0	13.8	7.0	2.0	0.0
0°	25.0	17.0	14.0	14.0	7.0	2.0	0.0
-2.5°	25.0	17.0	14.0	13.8	7.0	2.0	0.0
-5°	24.8	16.9	14.0	13.7	7.0	2.0	0.0
-7.5°	24.6	16.9	14.0	13.4	6.9	2.0	0.0
-10°	24.3	16.8	14.0	13.2	6.9	2.1	0.0
-12.5°	23.8	16.6	13.9	12.9	6.8	2.1	0.0
-15°	23.3	16.5	13.9	12.6	6.7	2.1	0.0
-17.5°	22.7	16.3	13.8	12.2	6.6	2.1	0.0
-20°	22.8	16.1	13.7	11.9	6.4	2.0	0.0



REPORT NUMBER: P561381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.8	15.8	13.5	11.5	6.3	2.0	0.0
-25°	24.8	16.5	13.4	11.1	6.1	2.0	0.0
-27.5°	25.6	17.4	13.2	10.7	6.0	2.0	0.0
-30°	26.2	18.2	13.0	10.3	5.8	1.9	0.0
-32.5°	26.6	18.8	13.4	9.8	5.6	1.9	0.0
-35°	27.3	19.3	13.7	9.4	5.4	1.9	0.0
-37.5°	27.8	19.7	13.9	9.0	5.2	1.8	0.0
-40°	28.1	19.9	14.0	8.5	5.0	1.8	0.0
-42.5°	28.2	19.9	13.8	8.1	4.7	1.7	0.0
-45°	28.1	19.8	13.4	7.8	4.5	1.7	0.0
-47.5°	27.8	19.4	12.8	7.4	4.2	1.6	0.0
-50°	27.1	18.9	12.2	7.1	4.0	1.5	0.0
-52.5°	26.0	18.2	11.5	6.7	3.7	1.5	0.0
-55°	24.7	17.1	10.7	6.3	3.4	1.4	0.0
-57.5°	23.2	15.8	9.8	5.9	3.2	1.3	0.0
-60°	21.4	14.4	8.8	5.4	2.9	1.2	0.0
-62.5°	19.3	12.8	8.1	4.9	2.7	1.1	0.0
-65°	17.0	11.1	7.3	4.4	2.5	1.0	0.0
-67.5°	14.5	9.6	6.4	3.9	2.2	0.9	0.0
-70°	11.9	8.4	5.5	3.3	2.0	0.8	0.0
-72.5°	10.0	7.0	4.6	2.9	1.8	0.7	0.0
-75°	8.1	5.7	3.6	2.5	1.5	0.6	0.0
-77.5°	6.2	4.2	3.0	2.1	1.3	0.5	0.0
-80°	4.2	3.2	2.4	1.7	1.0	0.4	0.0
-82.5°	3.1	2.4	1.8	1.3	0.8	0.3	0.0
-85°	2.1	1.6	1.2	0.8	0.5	0.2	0.0
-87.5°	1.0	0.8	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)