

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: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558637 (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-SA2B-935-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

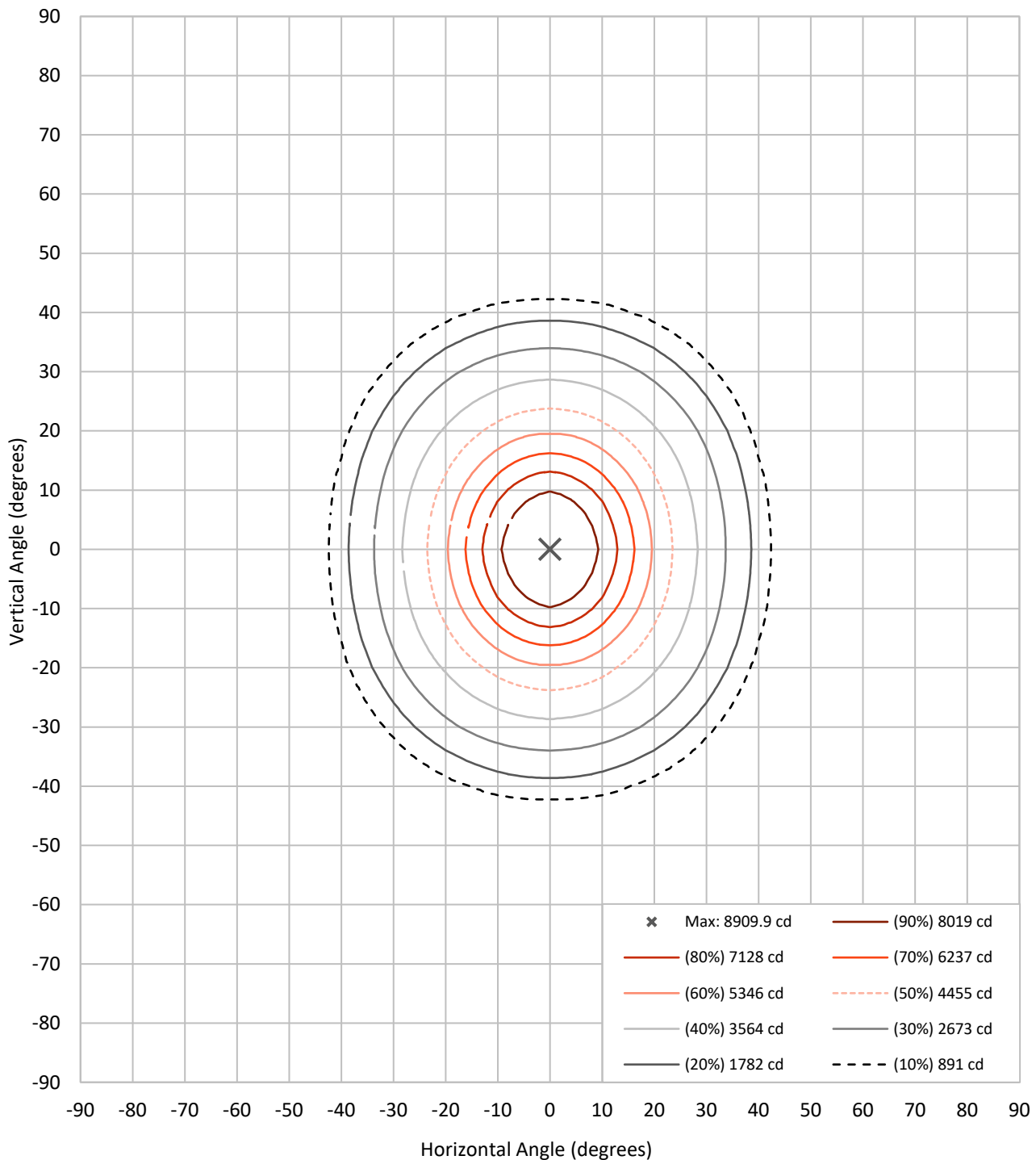
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6935.9 lumens	Max Intensity:	8909.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	3272.8 lumens	Field Lumens:	6297.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 63
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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CATALOG NUMBER: GFLD-SA2B-935-U-MWR-XX

Iso-Candela Plot





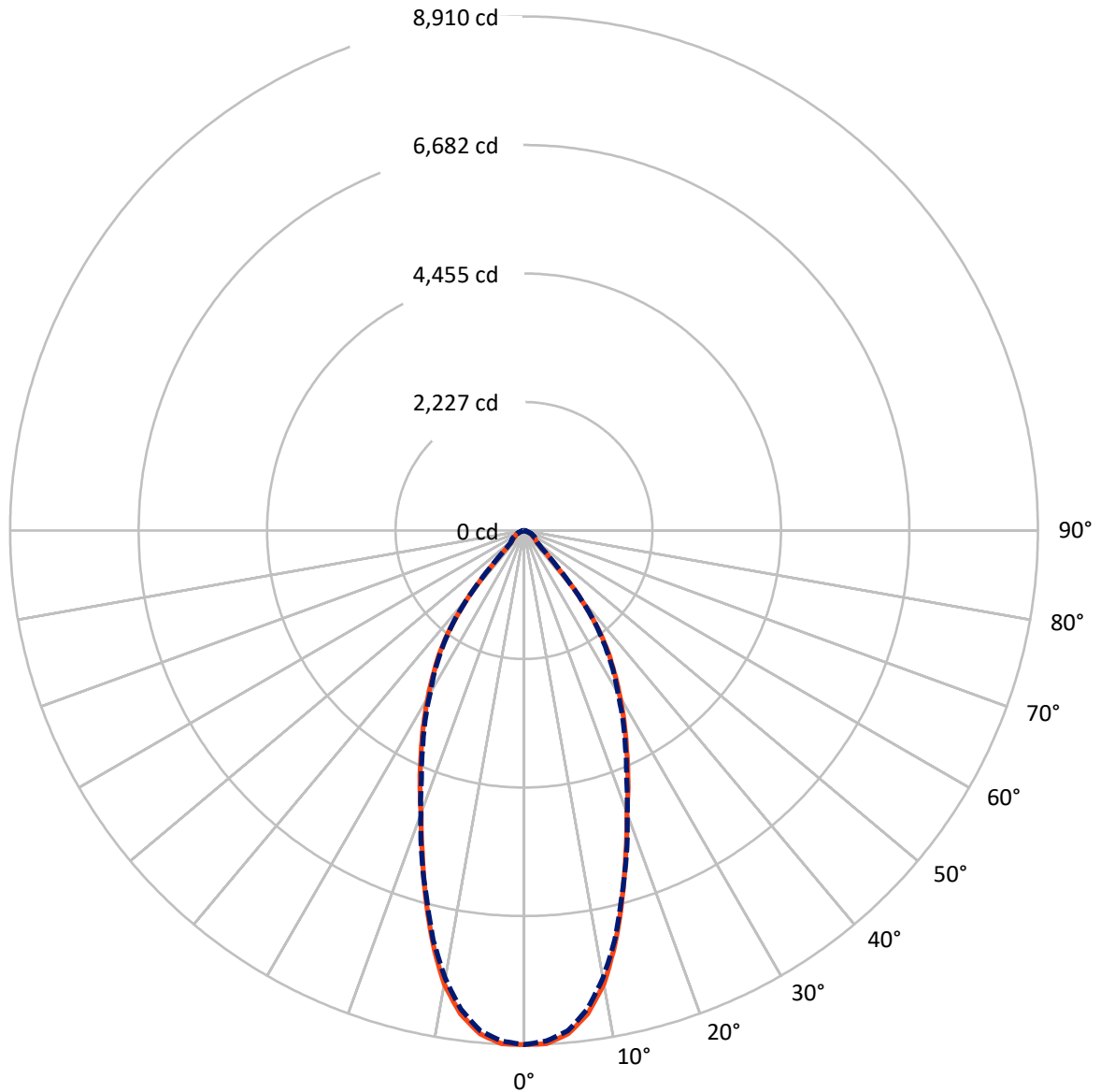
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Lumen Table

90	0.1	0.8	1.9	3.1	2.4	3.1	1.9	0.8	0.1							
80	0.1	0.8	1.9	3.1	2.4	3.1	1.9	0.8	0.1							
70	0.5	0.6	1.0	1.6	2.2	2.8	3.2	3.4	3.4	3.2	2.8	2.2	1.6	1.0	0.6	0.5
60		0.8	1.7	2.8	4.0	5.0	5.7	6.3	6.3	5.7	5.0	4.0	2.8	1.7	0.8	
50	0.7	1.1	2.3	3.9	5.7	7.8	12.3	17.3	17.3	12.3	7.8	5.7	3.9	2.3	1.1	0.7
40		1.3	2.9	4.9	9.1	29.2	56.9	72.5	72.5	56.9	29.2	9.1	4.9	2.9	1.3	
30	0.8	1.6	3.4	6.1	26.7	69.8	103.0	124.8	124.8	103.0	69.8	26.7	6.1	3.4	1.6	0.8
20		1.8	3.8	9.3	48.6	96.4	146.4	190.6	190.6	146.4	96.4	48.6	9.3	3.8	1.8	
10	0.8	1.9	4.1	12.9	59.2	112.5	184.2	249.1	249.1	184.2	112.5	59.2	12.9	4.1	1.9	0.8
0		1.9	4.1	12.9	59.2	112.5	184.2	249.1	249.1	184.2	112.5	59.2	12.9	4.1	1.9	
-10	0.8	1.8	3.8	9.3	48.6	96.4	146.4	190.6	190.6	146.4	96.4	48.6	9.3	3.8	1.8	0.8
-20		1.6	3.4	6.1	26.7	69.8	103.0	124.8	124.8	103.0	69.8	26.7	6.1	3.4	1.6	
-30	0.7	1.3	2.9	4.9	9.1	29.2	56.9	72.5	72.5	56.9	29.2	9.1	4.9	2.9	1.3	0.7
-40		1.1	2.3	3.9	5.7	7.8	12.3	17.3	17.3	12.3	7.8	5.7	3.9	2.3	1.1	
-50	0.5	0.8	1.7	2.8	4.0	5.0	5.7	6.3	6.3	5.7	5.0	4.0	2.8	1.7	0.8	0.5
-60		0.6	1.0	1.6	2.2	2.8	3.2	3.4	3.4	3.2	2.8	2.2	1.6	1.0	0.6	
-70	0.1	0.8	1.9	3.1	2.4	3.1	1.9	0.8	0.1							
-80		0.1	0.8	1.9	3.1	2.4	3.1	1.9	0.8	0.1						
-90	0.1	0.8	1.9	3.1	2.4	3.1	1.9	0.8	0.1							

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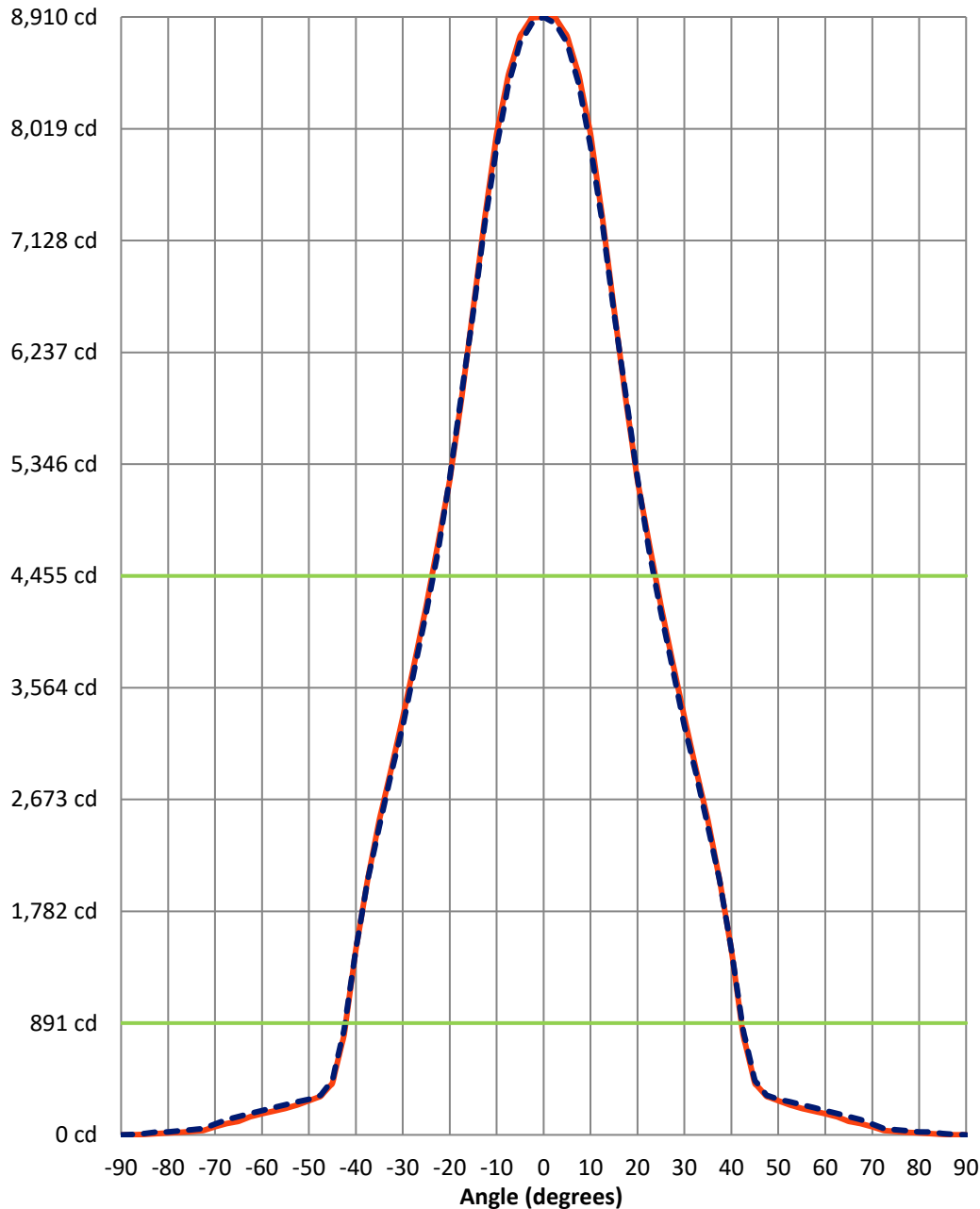
Luminous Intensity Polar Plot



— 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: 3272.8
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 6297.8
Efficiency: 90.8%

Spill:
Lumens: 638.1
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	0.3	0.5	0.7	0.9	1.2	1.4	1.5	1.6	1.7
85°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	3.0	3.2	3.4
82.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.6	5.5	6.1
80°	0.0	0.6	1.1	1.9	2.8	3.7	5.0	6.6	7.9	8.9	9.6
77.5°	0.0	0.7	1.4	2.3	3.4	5.1	7.9	9.8	11.3	12.3	13.3
75°	0.0	0.9	1.7	2.8	4.2	7.3	10.7	13.0	14.7	16.5	17.9
72.5°	0.0	1.0	2.0	3.2	5.8	9.4	13.4	16.4	19.0	21.0	22.6
70°	0.0	1.1	2.3	3.8	7.4	11.5	16.1	20.4	23.2	25.6	29.3
67.5°	0.0	1.3	2.5	4.8	8.9	13.5	19.3	24.3	27.6	31.4	36.2
65°	0.0	1.4	2.8	5.9	10.3	15.6	22.3	28.3	32.1	36.9	42.7
62.5°	0.0	1.5	3.0	6.8	11.7	17.9	25.2	31.9	36.4	42.3	48.8
60°	0.0	1.6	3.3	7.8	13.1	20.0	27.9	35.2	40.5	47.7	54.7
57.5°	0.0	1.8	3.9	8.7	14.6	22.0	29.8	38.1	45.1	53.0	59.9
55°	0.0	1.9	4.5	9.5	16.0	23.9	31.4	40.3	49.7	58.0	64.7
52.5°	0.0	2.0	5.0	10.4	17.4	25.6	32.8	43.1	54.3	62.2	69.4
50°	0.0	2.1	5.6	11.1	18.6	26.4	33.9	45.8	58.5	66.4	74.6
47.5°	0.0	2.2	6.1	11.9	19.8	27.1	35.0	48.2	62.1	70.4	79.6
45°	0.0	2.3	6.6	12.7	20.8	27.6	36.6	50.2	64.0	74.8	84.5
42.5°	0.0	2.4	7.0	13.4	21.8	27.9	38.1	51.6	65.4	79.0	89.5
40°	0.0	2.5	7.5	14.2	22.3	28.0	39.2	52.6	66.6	82.7	94.3
37.5°	0.0	2.6	7.9	14.9	22.4	28.0	40.2	53.3	68.0	84.5	98.9
35°	0.0	2.7	8.3	15.7	22.3	28.4	40.8	53.6	69.1	87.2	103.4
32.5°	0.0	2.8	8.6	16.4	22.2	28.8	41.1	53.7	70.1	90.5	107.4
30°	0.0	2.9	9.0	17.2	22.0	29.1	41.1	53.7	70.8	94.3	111.4
27.5°	0.0	2.9	9.3	17.9	22.2	29.2	40.9	54.1	72.2	98.6	115.3
25°	0.0	3.0	9.6	18.5	22.5	29.1	40.4	54.2	75.1	102.2	119.1
22.5°	0.0	3.0	9.8	19.1	22.7	29.2	39.8	54.1	78.1	105.2	123.8
20°	0.0	3.1	10.0	19.7	22.9	29.9	38.9	53.9	81.2	107.9	128.1
17.5°	0.0	3.1	10.2	20.3	23.0	30.6	39.0	53.3	84.2	110.5	131.9
15°	0.0	3.2	10.4	20.8	23.2	31.2	39.6	53.2	87.1	112.8	135.2
12.5°	0.0	3.2	10.5	21.3	23.2	31.7	40.0	53.4	89.1	114.9	138.1
10°	0.0	3.2	10.6	21.7	23.3	32.1	40.4	53.3	90.0	116.6	140.6
7.5°	0.0	3.3	10.7	22.0	23.4	32.4	40.6	52.9	90.1	118.3	142.6
5°	0.0	3.3	10.7	22.3	23.4	32.6	40.8	52.2	89.5	119.8	144.2
2.5°	0.0	3.3	10.7	22.5	23.4	32.8	40.8	51.3	88.2	121.0	145.3
0°	0.0	3.3	10.7	22.7	23.4	32.8	40.8	50.2	86.3	121.7	145.8
-2.5°	0.0	3.3	10.7	22.5	23.4	32.8	40.8	51.3	88.2	121.0	145.3
-5°	0.0	3.3	10.7	22.3	23.4	32.6	40.8	52.2	89.5	119.8	144.2
-7.5°	0.0	3.3	10.7	22.0	23.4	32.4	40.6	52.9	90.1	118.3	142.6
-10°	0.0	3.2	10.6	21.7	23.3	32.1	40.4	53.3	90.0	116.6	140.6
-12.5°	0.0	3.2	10.5	21.3	23.2	31.7	40.0	53.4	89.1	114.9	138.1
-15°	0.0	3.2	10.4	20.8	23.2	31.2	39.6	53.2	87.1	112.8	135.2
-17.5°	0.0	3.1	10.2	20.3	23.0	30.6	39.0	53.3	84.2	110.5	131.9
-20°	0.0	3.1	10.0	19.7	22.9	29.9	38.9	53.9	81.2	107.9	128.1



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 CATALOG NUMBER: GFLD-SA2B-935-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	3.0	9.8	19.1	22.7	29.2	39.8	54.1	78.1	105.2	123.8
-25°	0.0	3.0	9.6	18.5	22.5	29.1	40.4	54.2	75.1	102.2	119.1
-27.5°	0.0	2.9	9.3	17.9	22.2	29.2	40.9	54.1	72.2	98.6	115.3
-30°	0.0	2.9	9.0	17.2	22.0	29.1	41.1	53.7	70.8	94.3	111.4
-32.5°	0.0	2.8	8.6	16.4	22.2	28.8	41.1	53.7	70.1	90.5	107.4
-35°	0.0	2.7	8.3	15.7	22.3	28.4	40.8	53.6	69.1	87.2	103.4
-37.5°	0.0	2.6	7.9	14.9	22.4	28.0	40.2	53.3	68.0	84.5	98.9
-40°	0.0	2.5	7.5	14.2	22.3	28.0	39.2	52.6	66.6	82.7	94.3
-42.5°	0.0	2.4	7.0	13.4	21.8	27.9	38.1	51.6	65.4	79.0	89.5
-45°	0.0	2.3	6.6	12.7	20.8	27.6	36.6	50.2	64.0	74.8	84.5
-47.5°	0.0	2.2	6.1	11.9	19.8	27.1	35.0	48.2	62.1	70.4	79.6
-50°	0.0	2.1	5.6	11.1	18.6	26.4	33.9	45.8	58.5	66.4	74.6
-52.5°	0.0	2.0	5.0	10.4	17.4	25.6	32.8	43.1	54.3	62.2	69.4
-55°	0.0	1.9	4.5	9.5	16.0	23.9	31.4	40.3	49.7	58.0	64.7
-57.5°	0.0	1.8	3.9	8.7	14.6	22.0	29.8	38.1	45.1	53.0	59.9
-60°	0.0	1.6	3.3	7.8	13.1	20.0	27.9	35.2	40.5	47.7	54.7
-62.5°	0.0	1.5	3.0	6.8	11.7	17.9	25.2	31.9	36.4	42.3	48.8
-65°	0.0	1.4	2.8	5.9	10.3	15.6	22.3	28.3	32.1	36.9	42.7
-67.5°	0.0	1.3	2.5	4.8	8.9	13.5	19.3	24.3	27.6	31.4	36.2
-70°	0.0	1.1	2.3	3.8	7.4	11.5	16.1	20.4	23.2	25.6	29.3
-72.5°	0.0	1.0	2.0	3.2	5.8	9.4	13.4	16.4	19.0	21.0	22.6
-75°	0.0	0.9	1.7	2.8	4.2	7.3	10.7	13.0	14.7	16.5	17.9
-77.5°	0.0	0.7	1.4	2.3	3.4	5.1	7.9	9.8	11.3	12.3	13.3
-80°	0.0	0.6	1.1	1.9	2.8	3.7	5.0	6.6	7.9	8.9	9.6
-82.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.6	5.5	6.1
-85°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	3.0	3.2	3.4
-87.5°	0.0	0.1	0.3	0.5	0.7	0.9	1.2	1.4	1.5	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2B-935-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°	1.7	1.7	1.6	1.6	1.4	1.3	1.1	0.9	1.0	1.0	1.0
85°	3.4	3.4	3.6	3.9	4.0	3.9	3.8	3.6	4.1	4.7	5.3
82.5°	6.8	7.4	7.9	8.5	8.5	8.3	8.0	7.7	8.8	10.3	11.8
80°	10.4	11.3	12.7	14.0	14.4	14.2	13.8	13.0	14.7	17.0	19.7
77.5°	14.9	16.8	18.6	20.5	20.9	20.5	19.6	18.2	20.3	24.2	28.5
75°	19.8	22.2	25.1	27.4	27.8	27.0	25.7	24.5	27.0	31.8	36.4
72.5°	25.9	29.7	32.6	34.6	34.7	34.0	33.3	32.7	35.5	41.2	45.9
70°	33.7	37.5	39.7	40.9	41.2	41.7	43.6	45.4	48.1	53.0	56.8
67.5°	41.4	44.4	46.4	47.9	50.7	53.5	56.1	58.8	61.9	66.0	69.0
65°	48.3	51.3	54.0	57.5	61.7	65.0	68.5	72.3	76.6	80.4	83.3
62.5°	55.1	58.3	62.1	66.6	71.5	76.0	81.1	86.4	91.5	95.9	100.7
60°	60.6	65.0	70.0	75.5	81.4	88.2	94.4	100.5	106.1	111.5	118.3
57.5°	65.9	71.9	78.0	84.6	92.3	100.5	107.8	114.5	121.5	129.5	136.1
55°	71.5	79.0	86.0	94.0	103.1	113.1	121.1	128.6	137.3	146.8	154.2
52.5°	77.5	85.8	94.0	103.6	114.7	124.5	132.9	142.3	152.8	163.1	171.7
50°	83.3	92.4	102.0	114.2	125.2	134.6	145.0	156.3	167.3	177.9	188.1
47.5°	89.2	98.9	111.6	124.1	134.4	145.5	157.5	169.2	180.7	191.8	202.5
45°	94.9	106.5	120.6	132.5	143.9	156.6	169.1	181.3	193.4	205.2	216.9
42.5°	100.5	113.9	128.2	140.6	153.7	166.9	180.0	193.0	205.8	218.4	230.8
40°	106.5	120.7	135.7	149.2	162.9	176.8	190.5	204.2	217.6	231.0	244.2
37.5°	112.1	127.7	143.3	157.4	171.6	186.1	200.5	215.0	229.2	243.1	258.1
35°	117.1	134.8	150.5	165.4	180.2	194.9	210.2	225.4	240.4	255.5	274.6
32.5°	122.7	142.0	157.4	173.1	188.4	203.6	219.4	235.5	251.4	269.1	296.6
30°	129.0	147.9	163.9	180.4	196.1	212.0	228.3	245.2	261.9	289.4	352.9
27.5°	135.2	153.4	170.2	187.1	203.3	219.7	236.9	254.3	277.7	319.9	422.9
25°	140.9	158.7	176.1	193.2	209.9	227.0	244.7	262.8	294.6	379.8	607.3
22.5°	145.7	163.8	181.9	198.8	215.9	233.6	252.0	276.1	325.1	440.3	812.5
20°	149.8	168.7	187.2	204.7	221.6	239.4	258.7	288.6	371.5	613.1	1058.4
17.5°	153.6	173.1	192.0	210.3	228.0	245.5	265.3	299.5	413.2	763.2	1305.7
15°	157.1	177.0	196.5	215.6	233.9	252.2	275.7	330.4	497.7	912.2	1526.0
12.5°	160.3	180.5	200.6	220.5	239.2	258.1	285.1	361.1	601.1	1087.1	1676.3
10°	163.0	183.5	204.3	224.9	243.9	263.3	293.0	386.3	686.1	1230.9	1797.1
7.5°	165.6	186.4	207.6	228.9	247.9	267.7	299.5	405.9	751.8	1339.2	1893.5
5°	167.8	189.2	211.7	233.2	253.0	272.6	305.1	420.0	797.9	1412.2	1963.7
2.5°	169.4	191.5	215.2	237.0	258.6	278.4	311.4	430.5	827.7	1458.7	2008.6
0°	170.6	193.3	218.1	240.1	263.6	283.6	316.4	435.5	838.8	1475.6	2025.5
-2.5°	169.4	191.5	215.2	237.0	258.6	278.4	311.4	430.5	827.7	1458.7	2008.6
-5°	167.8	189.2	211.7	233.2	253.0	272.6	305.1	420.0	797.9	1412.2	1963.7
-7.5°	165.6	186.4	207.6	228.9	247.9	267.7	299.5	405.9	751.8	1339.2	1893.5
-10°	163.0	183.5	204.3	224.9	243.9	263.3	293.0	386.3	686.1	1230.9	1797.1
-12.5°	160.3	180.5	200.6	220.5	239.2	258.1	285.1	361.1	601.1	1087.1	1676.3
-15°	157.1	177.0	196.5	215.6	233.9	252.2	275.7	330.4	497.7	912.2	1526.0
-17.5°	153.6	173.1	192.0	210.3	228.0	245.5	265.3	299.5	413.2	763.2	1305.7
-20°	149.8	168.7	187.2	204.7	221.6	239.4	258.7	288.6	371.5	613.1	1058.4



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	145.7	163.8	181.9	198.8	215.9	233.6	252.0	276.1	325.1	440.3	812.5
-25°	140.9	158.7	176.1	193.2	209.9	227.0	244.7	262.8	294.6	379.8	607.3
-27.5°	135.2	153.4	170.2	187.1	203.3	219.7	236.9	254.3	277.7	319.9	422.9
-30°	129.0	147.9	163.9	180.4	196.1	212.0	228.3	245.2	261.9	289.4	352.9
-32.5°	122.7	142.0	157.4	173.1	188.4	203.6	219.4	235.5	251.4	269.1	296.6
-35°	117.1	134.8	150.5	165.4	180.2	194.9	210.2	225.4	240.4	255.5	274.6
-37.5°	112.1	127.7	143.3	157.4	171.6	186.1	200.5	215.0	229.2	243.1	258.1
-40°	106.5	120.7	135.7	149.2	162.9	176.8	190.5	204.2	217.6	231.0	244.2
-42.5°	100.5	113.9	128.2	140.6	153.7	166.9	180.0	193.0	205.8	218.4	230.8
-45°	94.9	106.5	120.6	132.5	143.9	156.6	169.1	181.3	193.4	205.2	216.9
-47.5°	89.2	98.9	111.6	124.1	134.4	145.5	157.5	169.2	180.7	191.8	202.5
-50°	83.3	92.4	102.0	114.2	125.2	134.6	145.0	156.3	167.3	177.9	188.1
-52.5°	77.5	85.8	94.0	103.6	114.7	124.5	132.9	142.3	152.8	163.1	171.7
-55°	71.5	79.0	86.0	94.0	103.1	113.1	121.1	128.6	137.3	146.8	154.2
-57.5°	65.9	71.9	78.0	84.6	92.3	100.5	107.8	114.5	121.5	129.5	136.1
-60°	60.6	65.0	70.0	75.5	81.4	88.2	94.4	100.5	106.1	111.5	118.3
-62.5°	55.1	58.3	62.1	66.6	71.5	76.0	81.1	86.4	91.5	95.9	100.7
-65°	48.3	51.3	54.0	57.5	61.7	65.0	68.5	72.3	76.6	80.4	83.3
-67.5°	41.4	44.4	46.4	47.9	50.7	53.5	56.1	58.8	61.9	66.0	69.0
-70°	33.7	37.5	39.7	40.9	41.2	41.7	43.6	45.4	48.1	53.0	56.8
-72.5°	25.9	29.7	32.6	34.6	34.7	34.0	33.3	32.7	35.5	41.2	45.9
-75°	19.8	22.2	25.1	27.4	27.8	27.0	25.7	24.5	27.0	31.8	36.4
-77.5°	14.9	16.8	18.6	20.5	20.9	20.5	19.6	18.2	20.3	24.2	28.5
-80°	10.4	11.3	12.7	14.0	14.4	14.2	13.8	13.0	14.7	17.0	19.7
-82.5°	6.8	7.4	7.9	8.5	8.5	8.3	8.0	7.7	8.8	10.3	11.8
-85°	3.4	3.4	3.6	3.9	4.0	3.9	3.8	3.6	4.1	4.7	5.3
-87.5°	1.7	1.7	1.6	1.6	1.4	1.3	1.1	0.9	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: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.1	1.0
85°	6.0	5.8	5.5	5.1	4.7	4.9	5.2	5.4	5.7	5.3	4.9
82.5°	13.5	13.7	13.7	13.6	13.6	14.1	14.7	15.2	15.6	14.4	13.0
80°	22.7	23.8	24.5	25.0	25.5	25.5	25.2	24.6	23.7	21.7	19.5
77.5°	32.9	34.6	35.4	36.3	37.2	37.4	37.6	37.9	38.1	34.6	30.1
75°	40.7	43.3	44.7	46.1	47.4	48.1	48.5	48.7	48.8	44.6	39.1
72.5°	49.7	52.2	53.9	55.6	57.2	58.2	58.8	59.3	59.6	55.9	50.6
70°	59.6	61.6	63.7	65.8	67.7	69.0	69.9	70.5	71.0	70.7	70.4
67.5°	71.3	73.0	75.6	77.5	79.6	81.0	82.5	83.7	84.6	85.6	86.7
65°	85.9	90.0	93.8	95.7	96.0	98.0	101.4	103.6	104.7	105.6	106.7
62.5°	106.3	111.3	114.0	117.2	121.3	125.1	126.6	128.6	130.9	133.8	137.1
60°	123.7	127.9	132.2	136.6	140.3	143.5	147.0	150.4	153.5	156.4	159.2
57.5°	141.6	146.1	150.5	155.7	159.3	161.4	164.8	168.9	172.0	174.5	178.2
55°	160.1	165.9	171.9	176.5	180.0	182.2	184.8	188.7	191.1	192.0	196.3
52.5°	178.7	185.6	192.9	198.4	202.0	205.4	208.5	212.0	214.4	215.5	219.8
50°	195.9	204.2	212.3	219.4	224.3	229.9	236.2	239.4	241.4	243.6	248.4
47.5°	212.4	221.6	230.3	238.4	245.3	251.6	257.0	262.3	270.1	276.2	282.3
45°	228.1	238.0	247.4	256.5	264.2	276.5	288.2	298.2	324.9	347.4	364.5
42.5°	243.0	254.8	265.5	280.5	297.0	325.4	369.3	410.0	488.8	590.2	674.8
40°	258.4	273.8	292.9	322.3	377.8	434.9	605.6	757.7	907.3	1077.5	1223.3
37.5°	276.5	299.7	355.6	422.0	600.0	797.0	1038.9	1276.4	1483.1	1660.1	1807.8
35°	300.4	372.2	476.7	718.4	981.5	1304.4	1583.2	1806.6	2010.8	2174.8	2298.2
32.5°	370.9	502.3	778.2	1110.6	1472.5	1784.5	2056.1	2269.9	2456.3	2603.2	2717.6
30°	474.1	776.2	1150.9	1549.0	1909.4	2207.4	2458.3	2662.1	2828.4	2978.0	3103.5
27.5°	719.3	1108.0	1548.5	1954.5	2282.4	2561.3	2786.4	2988.3	3171.7	3329.1	3477.5
25°	987.6	1468.9	1913.1	2282.7	2588.6	2850.4	3087.8	3308.6	3513.9	3698.1	3870.8
22.5°	1309.9	1789.9	2214.4	2556.5	2853.0	3121.8	3373.9	3619.7	3858.8	4083.6	4292.5
20°	1601.7	2072.7	2442.9	2784.5	3092.6	3372.7	3650.6	3937.1	4212.9	4483.8	4735.2
17.5°	1829.0	2267.2	2638.9	2985.2	3298.7	3616.0	3934.0	4263.1	4595.7	4910.3	5211.1
15°	2018.9	2429.5	2806.2	3152.4	3497.2	3847.2	4202.5	4590.1	4985.8	5362.3	5745.8
12.5°	2153.5	2565.0	2946.8	3294.3	3680.7	4060.7	4474.3	4916.1	5373.1	5811.6	6282.6
10°	2261.7	2673.0	3051.7	3426.3	3835.3	4256.6	4720.5	5207.1	5752.5	6271.7	6779.2
7.5°	2354.6	2763.2	3135.9	3533.9	3963.9	4426.9	4931.5	5481.6	6071.8	6649.5	7253.6
5°	2422.5	2824.6	3201.3	3622.1	4062.7	4551.4	5094.2	5682.1	6314.9	6948.0	7545.5
2.5°	2458.4	2859.6	3242.0	3676.9	4120.7	4626.8	5192.2	5815.2	6483.7	7174.5	7763.6
0°	2457.6	2874.3	3257.6	3713.8	4163.3	4649.6	5234.3	5900.5	6552.7	7270.4	7875.1
-2.5°	2458.4	2859.6	3242.0	3676.9	4120.7	4626.8	5192.2	5815.2	6483.7	7174.5	7763.6
-5°	2422.5	2824.6	3201.3	3622.1	4062.7	4551.4	5094.2	5682.1	6314.9	6948.0	7545.5
-7.5°	2354.6	2763.2	3135.9	3533.9	3963.9	4426.9	4931.5	5481.6	6071.8	6649.5	7253.6
-10°	2261.7	2673.0	3051.7	3426.3	3835.3	4256.6	4720.5	5207.1	5752.5	6271.7	6779.2
-12.5°	2153.5	2565.0	2946.8	3294.3	3680.7	4060.7	4474.3	4916.1	5373.1	5811.6	6282.6
-15°	2018.9	2429.5	2806.2	3152.4	3497.2	3847.2	4202.5	4590.1	4985.8	5362.3	5745.8
-17.5°	1829.0	2267.2	2638.9	2985.2	3298.7	3616.0	3934.0	4263.1	4595.7	4910.3	5211.1
-20°	1601.7	2072.7	2442.9	2784.5	3092.6	3372.7	3650.6	3937.1	4212.9	4483.8	4735.2



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1309.9	1789.9	2214.4	2556.5	2853.0	3121.8	3373.9	3619.7	3858.8	4083.6	4292.5
-25°	987.6	1468.9	1913.1	2282.7	2588.6	2850.4	3087.8	3308.6	3513.9	3698.1	3870.8
-27.5°	719.3	1108.0	1548.5	1954.5	2282.4	2561.3	2786.4	2988.3	3171.7	3329.1	3477.5
-30°	474.1	776.2	1150.9	1549.0	1909.4	2207.4	2458.3	2662.1	2828.4	2978.0	3103.5
-32.5°	370.9	502.3	778.2	1110.6	1472.5	1784.5	2056.1	2269.9	2456.3	2603.2	2717.6
-35°	300.4	372.2	476.7	718.4	981.5	1304.4	1583.2	1806.6	2010.8	2174.8	2298.2
-37.5°	276.5	299.7	355.6	422.0	600.0	797.0	1038.9	1276.4	1483.1	1660.1	1807.8
-40°	258.4	273.8	292.9	322.3	377.8	434.9	605.6	757.7	907.3	1077.5	1223.3
-42.5°	243.0	254.8	265.5	280.5	297.0	325.4	369.3	410.0	488.8	590.2	674.8
-45°	228.1	238.0	247.4	256.5	264.2	276.5	288.2	298.2	324.9	347.4	364.5
-47.5°	212.4	221.6	230.3	238.4	245.3	251.6	257.0	262.3	270.1	276.2	282.3
-50°	195.9	204.2	212.3	219.4	224.3	229.9	236.2	239.4	241.4	243.6	248.4
-52.5°	178.7	185.6	192.9	198.4	202.0	205.4	208.5	212.0	214.4	215.5	219.8
-55°	160.1	165.9	171.9	176.5	180.0	182.2	184.8	188.7	191.1	192.0	196.3
-57.5°	141.6	146.1	150.5	155.7	159.3	161.4	164.8	168.9	172.0	174.5	178.2
-60°	123.7	127.9	132.2	136.6	140.3	143.5	147.0	150.4	153.5	156.4	159.2
-62.5°	106.3	111.3	114.0	117.2	121.3	125.1	126.6	128.6	130.9	133.8	137.1
-65°	85.9	90.0	93.8	95.7	96.0	98.0	101.4	103.6	104.7	105.6	106.7
-67.5°	71.3	73.0	75.6	77.5	79.6	81.0	82.5	83.7	84.6	85.6	86.7
-70°	59.6	61.6	63.7	65.8	67.7	69.0	69.9	70.5	71.0	70.7	70.4
-72.5°	49.7	52.2	53.9	55.6	57.2	58.2	58.8	59.3	59.6	55.9	50.6
-75°	40.7	43.3	44.7	46.1	47.4	48.1	48.5	48.7	48.8	44.6	39.1
-77.5°	32.9	34.6	35.4	36.3	37.2	37.4	37.6	37.9	38.1	34.6	30.1
-80°	22.7	23.8	24.5	25.0	25.5	25.5	25.2	24.6	23.7	21.7	19.5
-82.5°	13.5	13.7	13.7	13.6	13.6	14.1	14.7	15.2	15.6	14.4	13.0
-85°	6.0	5.8	5.5	5.1	4.7	4.9	5.2	5.4	5.7	5.3	4.9
-87.5°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.1	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: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.1	1.3	1.2
85°	4.4	4.0	4.0	4.0	4.0	4.0	4.4	4.9	5.3	5.7	5.4
82.5°	11.5	10.0	10.0	10.0	10.0	10.0	11.5	13.0	14.4	15.6	15.2
80°	17.1	14.7	15.0	15.4	15.0	14.7	17.1	19.5	21.7	23.7	24.6
77.5°	25.3	20.2	20.1	20.1	20.1	20.2	25.3	30.1	34.6	38.1	37.9
75°	33.4	27.6	27.4	27.4	27.4	27.6	33.4	39.1	44.6	48.8	48.7
72.5°	45.3	39.7	37.2	34.8	37.2	39.7	45.3	50.6	55.9	59.6	59.3
70°	70.5	70.7	68.2	64.9	68.2	70.7	70.5	70.4	70.7	71.0	70.5
67.5°	87.7	88.4	89.4	90.3	89.4	88.4	87.7	86.7	85.6	84.6	83.7
65°	107.2	107.1	107.5	107.7	107.5	107.1	107.2	106.7	105.6	104.7	103.6
62.5°	139.9	142.1	143.7	144.5	143.7	142.1	139.9	137.1	133.8	130.9	128.6
60°	161.5	163.4	166.0	168.6	166.0	163.4	161.5	159.2	156.4	153.5	150.4
57.5°	181.7	184.8	187.4	189.3	187.4	184.8	181.7	178.2	174.5	172.0	168.9
55°	200.4	204.0	207.5	210.7	207.5	204.0	200.4	196.3	192.0	191.1	188.7
52.5°	223.9	226.9	231.8	238.1	231.8	226.9	223.9	219.8	215.5	214.4	212.0
50°	253.8	258.3	264.6	272.2	264.6	258.3	253.8	248.4	243.6	241.4	239.4
47.5°	288.5	293.0	299.1	307.0	299.1	293.0	288.5	282.3	276.2	270.1	262.3
45°	380.1	390.8	400.6	411.4	400.6	390.8	380.1	364.5	347.4	324.9	298.2
42.5°	742.7	789.6	809.8	798.0	809.8	789.6	742.7	674.8	590.2	488.8	410.0
40°	1334.4	1412.4	1458.3	1474.3	1458.3	1412.4	1334.4	1223.3	1077.5	907.3	757.7
37.5°	1915.7	1987.5	2026.3	2030.8	2026.3	1987.5	1915.7	1807.8	1660.1	1483.1	1276.4
35°	2387.3	2446.4	2481.4	2507.8	2481.4	2446.4	2387.3	2298.2	2174.8	2010.8	1806.6
32.5°	2810.8	2878.2	2917.1	2908.4	2917.1	2878.2	2810.8	2717.6	2603.2	2456.3	2269.9
30°	3206.4	3280.1	3325.8	3327.2	3325.8	3280.1	3206.4	3103.5	2978.0	2828.4	2662.1
27.5°	3597.5	3680.2	3728.0	3765.3	3728.0	3680.2	3597.5	3477.5	3329.1	3171.7	2988.3
25°	4014.7	4117.9	4179.1	4216.2	4179.1	4117.9	4014.7	3870.8	3698.1	3513.9	3308.6
22.5°	4464.6	4592.3	4676.3	4711.2	4676.3	4592.3	4464.6	4292.5	4083.6	3858.8	3619.7
20°	4953.9	5112.2	5219.5	5216.2	5219.5	5112.2	4953.9	4735.2	4483.8	4212.9	3937.1
17.5°	5500.0	5704.1	5842.3	5862.4	5842.3	5704.1	5500.0	5211.1	4910.3	4595.7	4263.1
15°	6085.4	6348.7	6527.4	6582.8	6527.4	6348.7	6085.4	5745.8	5362.3	4985.8	4590.1
12.5°	6685.3	6998.4	7236.7	7315.9	7236.7	6998.4	6685.3	6282.6	5811.6	5373.1	4916.1
10°	7256.9	7603.7	7862.3	7976.8	7862.3	7603.7	7256.9	6779.2	6271.7	5752.5	5207.1
7.5°	7734.7	8087.1	8353.5	8447.7	8353.5	8087.1	7734.7	7253.6	6649.5	6071.8	5481.6
5°	8049.4	8434.5	8641.6	8758.1	8641.6	8434.5	8049.4	7545.5	6948.0	6314.9	5682.1
2.5°	8259.8	8586.2	8796.1	8903.3	8796.1	8586.2	8259.8	7763.6	7174.5	6483.7	5815.2
0°	8371.5	8703.9	8857.8	8909.9	8857.8	8703.9	8371.5	7875.1	7270.4	6552.7	5900.5
-2.5°	8259.8	8586.2	8796.1	8903.3	8796.1	8586.2	8259.8	7763.6	7174.5	6483.7	5815.2
-5°	8049.4	8434.5	8641.6	8758.1	8641.6	8434.5	8049.4	7545.5	6948.0	6314.9	5682.1
-7.5°	7734.7	8087.1	8353.5	8447.7	8353.5	8087.1	7734.7	7253.6	6649.5	6071.8	5481.6
-10°	7256.9	7603.7	7862.3	7976.8	7862.3	7603.7	7256.9	6779.2	6271.7	5752.5	5207.1
-12.5°	6685.3	6998.4	7236.7	7315.9	7236.7	6998.4	6685.3	6282.6	5811.6	5373.1	4916.1
-15°	6085.4	6348.7	6527.4	6582.8	6527.4	6348.7	6085.4	5745.8	5362.3	4985.8	4590.1
-17.5°	5500.0	5704.1	5842.3	5862.4	5842.3	5704.1	5500.0	5211.1	4910.3	4595.7	4263.1
-20°	4953.9	5112.2	5219.5	5216.2	5219.5	5112.2	4953.9	4735.2	4483.8	4212.9	3937.1



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	4464.6	4592.3	4676.3	4711.2	4676.3	4592.3	4464.6	4292.5	4083.6	3858.8	3619.7
-25°	4014.7	4117.9	4179.1	4216.2	4179.1	4117.9	4014.7	3870.8	3698.1	3513.9	3308.6
-27.5°	3597.5	3680.2	3728.0	3765.3	3728.0	3680.2	3597.5	3477.5	3329.1	3171.7	2988.3
-30°	3206.4	3280.1	3325.8	3327.2	3325.8	3280.1	3206.4	3103.5	2978.0	2828.4	2662.1
-32.5°	2810.8	2878.2	2917.1	2908.4	2917.1	2878.2	2810.8	2717.6	2603.2	2456.3	2269.9
-35°	2387.3	2446.4	2481.4	2507.8	2481.4	2446.4	2387.3	2298.2	2174.8	2010.8	1806.6
-37.5°	1915.7	1987.5	2026.3	2030.8	2026.3	1987.5	1915.7	1807.8	1660.1	1483.1	1276.4
-40°	1334.4	1412.4	1458.3	1474.3	1458.3	1412.4	1334.4	1223.3	1077.5	907.3	757.7
-42.5°	742.7	789.6	809.8	798.0	809.8	789.6	742.7	674.8	590.2	488.8	410.0
-45°	380.1	390.8	400.6	411.4	400.6	390.8	380.1	364.5	347.4	324.9	298.2
-47.5°	288.5	293.0	299.1	307.0	299.1	293.0	288.5	282.3	276.2	270.1	262.3
-50°	253.8	258.3	264.6	272.2	264.6	258.3	253.8	248.4	243.6	241.4	239.4
-52.5°	223.9	226.9	231.8	238.1	231.8	226.9	223.9	219.8	215.5	214.4	212.0
-55°	200.4	204.0	207.5	210.7	207.5	204.0	200.4	196.3	192.0	191.1	188.7
-57.5°	181.7	184.8	187.4	189.3	187.4	184.8	181.7	178.2	174.5	172.0	168.9
-60°	161.5	163.4	166.0	168.6	166.0	163.4	161.5	159.2	156.4	153.5	150.4
-62.5°	139.9	142.1	143.7	144.5	143.7	142.1	139.9	137.1	133.8	130.9	128.6
-65°	107.2	107.1	107.5	107.7	107.5	107.1	107.2	106.7	105.6	104.7	103.6
-67.5°	87.7	88.4	89.4	90.3	89.4	88.4	87.7	86.7	85.6	84.6	83.7
-70°	70.5	70.7	68.2	64.9	68.2	70.7	70.5	70.4	70.7	71.0	70.5
-72.5°	45.3	39.7	37.2	34.8	37.2	39.7	45.3	50.6	55.9	59.6	59.3
-75°	33.4	27.6	27.4	27.4	27.4	27.6	33.4	39.1	44.6	48.8	48.7
-77.5°	25.3	20.2	20.1	20.1	20.1	20.2	25.3	30.1	34.6	38.1	37.9
-80°	17.1	14.7	15.0	15.4	15.0	14.7	17.1	19.5	21.7	23.7	24.6
-82.5°	11.5	10.0	10.0	10.0	10.0	10.0	11.5	13.0	14.4	15.6	15.2
-85°	4.4	4.0	4.0	4.0	4.0	4.0	4.4	4.9	5.3	5.7	5.4
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.1	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
85°	5.2	4.9	4.7	5.1	5.5	5.8	6.0	5.3	4.7	4.1	3.6
82.5°	14.7	14.1	13.6	13.6	13.7	13.7	13.5	11.8	10.3	8.8	7.7
80°	25.2	25.5	25.5	25.0	24.5	23.8	22.7	19.7	17.0	14.7	13.0
77.5°	37.6	37.4	37.2	36.3	35.4	34.6	32.9	28.5	24.2	20.3	18.2
75°	48.5	48.1	47.4	46.1	44.7	43.3	40.7	36.4	31.8	27.0	24.5
72.5°	58.8	58.2	57.2	55.6	53.9	52.2	49.7	45.9	41.2	35.5	32.7
70°	69.9	69.0	67.7	65.8	63.7	61.6	59.6	56.8	53.0	48.1	45.4
67.5°	82.5	81.0	79.6	77.5	75.6	73.0	71.3	69.0	66.0	61.9	58.8
65°	101.4	98.0	96.0	95.7	93.8	90.0	85.9	83.3	80.4	76.6	72.3
62.5°	126.6	125.1	121.3	117.2	114.0	111.3	106.3	100.7	95.9	91.5	86.4
60°	147.0	143.5	140.3	136.6	132.2	127.9	123.7	118.3	111.5	106.1	100.5
57.5°	164.8	161.4	159.3	155.7	150.5	146.1	141.6	136.1	129.5	121.5	114.5
55°	184.8	182.2	180.0	176.5	171.9	165.9	160.1	154.2	146.8	137.3	128.6
52.5°	208.5	205.4	202.0	198.4	192.9	185.6	178.7	171.7	163.1	152.8	142.3
50°	236.2	229.9	224.3	219.4	212.3	204.2	195.9	188.1	177.9	167.3	156.3
47.5°	257.0	251.6	245.3	238.4	230.3	221.6	212.4	202.5	191.8	180.7	169.2
45°	288.2	276.5	264.2	256.5	247.4	238.0	228.1	216.9	205.2	193.4	181.3
42.5°	369.3	325.4	297.0	280.5	265.5	254.8	243.0	230.8	218.4	205.8	193.0
40°	605.6	434.9	377.8	322.3	292.9	273.8	258.4	244.2	231.0	217.6	204.2
37.5°	1038.9	797.0	600.0	422.0	355.6	299.7	276.5	258.1	243.1	229.2	215.0
35°	1583.2	1304.4	981.5	718.4	476.7	372.2	300.4	274.6	255.5	240.4	225.4
32.5°	2056.1	1784.5	1472.5	1110.6	778.2	502.3	370.9	296.6	269.1	251.4	235.5
30°	2458.3	2207.4	1909.4	1549.0	1150.9	776.2	474.1	352.9	289.4	261.9	245.2
27.5°	2786.4	2561.3	2282.4	1954.5	1548.5	1108.0	719.3	422.9	319.9	277.7	254.3
25°	3087.8	2850.4	2588.6	2282.7	1913.1	1468.9	987.6	607.3	379.8	294.6	262.8
22.5°	3373.9	3121.8	2853.0	2556.5	2214.4	1789.9	1309.9	812.5	440.3	325.1	276.1
20°	3650.6	3372.7	3092.6	2784.5	2442.9	2072.7	1601.7	1058.4	613.1	371.5	288.6
17.5°	3934.0	3616.0	3298.7	2985.2	2638.9	2267.2	1829.0	1305.7	763.2	413.2	299.5
15°	4202.5	3847.2	3497.2	3152.4	2806.2	2429.5	2018.9	1526.0	912.2	497.7	330.4
12.5°	4474.3	4060.7	3680.7	3294.3	2946.8	2565.0	2153.5	1676.3	1087.1	601.1	361.1
10°	4720.5	4256.6	3835.3	3426.3	3051.7	2673.0	2261.7	1797.1	1230.9	686.1	386.3
7.5°	4931.5	4426.9	3963.9	3533.9	3135.9	2763.2	2354.6	1893.5	1339.2	751.8	405.9
5°	5094.2	4551.4	4062.7	3622.1	3201.3	2824.6	2422.5	1963.7	1412.2	797.9	420.0
2.5°	5192.2	4626.8	4120.7	3676.9	3242.0	2859.6	2458.4	2008.6	1458.7	827.7	430.5
0°	5234.3	4649.6	4163.3	3713.8	3257.6	2874.3	2457.6	2025.5	1475.6	838.8	435.5
-2.5°	5192.2	4626.8	4120.7	3676.9	3242.0	2859.6	2458.4	2008.6	1458.7	827.7	430.5
-5°	5094.2	4551.4	4062.7	3622.1	3201.3	2824.6	2422.5	1963.7	1412.2	797.9	420.0
-7.5°	4931.5	4426.9	3963.9	3533.9	3135.9	2763.2	2354.6	1893.5	1339.2	751.8	405.9
-10°	4720.5	4256.6	3835.3	3426.3	3051.7	2673.0	2261.7	1797.1	1230.9	686.1	386.3
-12.5°	4474.3	4060.7	3680.7	3294.3	2946.8	2565.0	2153.5	1676.3	1087.1	601.1	361.1
-15°	4202.5	3847.2	3497.2	3152.4	2806.2	2429.5	2018.9	1526.0	912.2	497.7	330.4
-17.5°	3934.0	3616.0	3298.7	2985.2	2638.9	2267.2	1829.0	1305.7	763.2	413.2	299.5
-20°	3650.6	3372.7	3092.6	2784.5	2442.9	2072.7	1601.7	1058.4	613.1	371.5	288.6



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3373.9	3121.8	2853.0	2556.5	2214.4	1789.9	1309.9	812.5	440.3	325.1	276.1
-25°	3087.8	2850.4	2588.6	2282.7	1913.1	1468.9	987.6	607.3	379.8	294.6	262.8
-27.5°	2786.4	2561.3	2282.4	1954.5	1548.5	1108.0	719.3	422.9	319.9	277.7	254.3
-30°	2458.3	2207.4	1909.4	1549.0	1150.9	776.2	474.1	352.9	289.4	261.9	245.2
-32.5°	2056.1	1784.5	1472.5	1110.6	778.2	502.3	370.9	296.6	269.1	251.4	235.5
-35°	1583.2	1304.4	981.5	718.4	476.7	372.2	300.4	274.6	255.5	240.4	225.4
-37.5°	1038.9	797.0	600.0	422.0	355.6	299.7	276.5	258.1	243.1	229.2	215.0
-40°	605.6	434.9	377.8	322.3	292.9	273.8	258.4	244.2	231.0	217.6	204.2
-42.5°	369.3	325.4	297.0	280.5	265.5	254.8	243.0	230.8	218.4	205.8	193.0
-45°	288.2	276.5	264.2	256.5	247.4	238.0	228.1	216.9	205.2	193.4	181.3
-47.5°	257.0	251.6	245.3	238.4	230.3	221.6	212.4	202.5	191.8	180.7	169.2
-50°	236.2	229.9	224.3	219.4	212.3	204.2	195.9	188.1	177.9	167.3	156.3
-52.5°	208.5	205.4	202.0	198.4	192.9	185.6	178.7	171.7	163.1	152.8	142.3
-55°	184.8	182.2	180.0	176.5	171.9	165.9	160.1	154.2	146.8	137.3	128.6
-57.5°	164.8	161.4	159.3	155.7	150.5	146.1	141.6	136.1	129.5	121.5	114.5
-60°	147.0	143.5	140.3	136.6	132.2	127.9	123.7	118.3	111.5	106.1	100.5
-62.5°	126.6	125.1	121.3	117.2	114.0	111.3	106.3	100.7	95.9	91.5	86.4
-65°	101.4	98.0	96.0	95.7	93.8	90.0	85.9	83.3	80.4	76.6	72.3
-67.5°	82.5	81.0	79.6	77.5	75.6	73.0	71.3	69.0	66.0	61.9	58.8
-70°	69.9	69.0	67.7	65.8	63.7	61.6	59.6	56.8	53.0	48.1	45.4
-72.5°	58.8	58.2	57.2	55.6	53.9	52.2	49.7	45.9	41.2	35.5	32.7
-75°	48.5	48.1	47.4	46.1	44.7	43.3	40.7	36.4	31.8	27.0	24.5
-77.5°	37.6	37.4	37.2	36.3	35.4	34.6	32.9	28.5	24.2	20.3	18.2
-80°	25.2	25.5	25.5	25.0	24.5	23.8	22.7	19.7	17.0	14.7	13.0
-82.5°	14.7	14.1	13.6	13.6	13.7	13.7	13.5	11.8	10.3	8.8	7.7
-85°	5.2	4.9	4.7	5.1	5.5	5.8	6.0	5.3	4.7	4.1	3.6
-87.5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	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



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	1.1	1.3	1.4	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.4
85°	3.8	3.9	4.0	3.9	3.6	3.4	3.4	3.4	3.2	3.0	2.7
82.5°	8.0	8.3	8.5	8.5	7.9	7.4	6.8	6.1	5.5	4.6	4.1
80°	13.8	14.2	14.4	14.0	12.7	11.3	10.4	9.6	8.9	7.9	6.6
77.5°	19.6	20.5	20.9	20.5	18.6	16.8	14.9	13.3	12.3	11.3	9.8
75°	25.7	27.0	27.8	27.4	25.1	22.2	19.8	17.9	16.5	14.7	13.0
72.5°	33.3	34.0	34.7	34.6	32.6	29.7	25.9	22.6	21.0	19.0	16.4
70°	43.6	41.7	41.2	40.9	39.7	37.5	33.7	29.3	25.6	23.2	20.4
67.5°	56.1	53.5	50.7	47.9	46.4	44.4	41.4	36.2	31.4	27.6	24.3
65°	68.5	65.0	61.7	57.5	54.0	51.3	48.3	42.7	36.9	32.1	28.3
62.5°	81.1	76.0	71.5	66.6	62.1	58.3	55.1	48.8	42.3	36.4	31.9
60°	94.4	88.2	81.4	75.5	70.0	65.0	60.6	54.7	47.7	40.5	35.2
57.5°	107.8	100.5	92.3	84.6	78.0	71.9	65.9	59.9	53.0	45.1	38.1
55°	121.1	113.1	103.1	94.0	86.0	79.0	71.5	64.7	58.0	49.7	40.3
52.5°	132.9	124.5	114.7	103.6	94.0	85.8	77.5	69.4	62.2	54.3	43.1
50°	145.0	134.6	125.2	114.2	102.0	92.4	83.3	74.6	66.4	58.5	45.8
47.5°	157.5	145.5	134.4	124.1	111.6	98.9	89.2	79.6	70.4	62.1	48.2
45°	169.1	156.6	143.9	132.5	120.6	106.5	94.9	84.5	74.8	64.0	50.2
42.5°	180.0	166.9	153.7	140.6	128.2	113.9	100.5	89.5	79.0	65.4	51.6
40°	190.5	176.8	162.9	149.2	135.7	120.7	106.5	94.3	82.7	66.6	52.6
37.5°	200.5	186.1	171.6	157.4	143.3	127.7	112.1	98.9	84.5	68.0	53.3
35°	210.2	194.9	180.2	165.4	150.5	134.8	117.1	103.4	87.2	69.1	53.6
32.5°	219.4	203.6	188.4	173.1	157.4	142.0	122.7	107.4	90.5	70.1	53.7
30°	228.3	212.0	196.1	180.4	163.9	147.9	129.0	111.4	94.3	70.8	53.7
27.5°	236.9	219.7	203.3	187.1	170.2	153.4	135.2	115.3	98.6	72.2	54.1
25°	244.7	227.0	209.9	193.2	176.1	158.7	140.9	119.1	102.2	75.1	54.2
22.5°	252.0	233.6	215.9	198.8	181.9	163.8	145.7	123.8	105.2	78.1	54.1
20°	258.7	239.4	221.6	204.7	187.2	168.7	149.8	128.1	107.9	81.2	53.9
17.5°	265.3	245.5	228.0	210.3	192.0	173.1	153.6	131.9	110.5	84.2	53.3
15°	275.7	252.2	233.9	215.6	196.5	177.0	157.1	135.2	112.8	87.1	53.2
12.5°	285.1	258.1	239.2	220.5	200.6	180.5	160.3	138.1	114.9	89.1	53.4
10°	293.0	263.3	243.9	224.9	204.3	183.5	163.0	140.6	116.6	90.0	53.3
7.5°	299.5	267.7	247.9	228.9	207.6	186.4	165.6	142.6	118.3	90.1	52.9
5°	305.1	272.6	253.0	233.2	211.7	189.2	167.8	144.2	119.8	89.5	52.2
2.5°	311.4	278.4	258.6	237.0	215.2	191.5	169.4	145.3	121.0	88.2	51.3
0°	316.4	283.6	263.6	240.1	218.1	193.3	170.6	145.8	121.7	86.3	50.2
-2.5°	311.4	278.4	258.6	237.0	215.2	191.5	169.4	145.3	121.0	88.2	51.3
-5°	305.1	272.6	253.0	233.2	211.7	189.2	167.8	144.2	119.8	89.5	52.2
-7.5°	299.5	267.7	247.9	228.9	207.6	186.4	165.6	142.6	118.3	90.1	52.9
-10°	293.0	263.3	243.9	224.9	204.3	183.5	163.0	140.6	116.6	90.0	53.3
-12.5°	285.1	258.1	239.2	220.5	200.6	180.5	160.3	138.1	114.9	89.1	53.4
-15°	275.7	252.2	233.9	215.6	196.5	177.0	157.1	135.2	112.8	87.1	53.2
-17.5°	265.3	245.5	228.0	210.3	192.0	173.1	153.6	131.9	110.5	84.2	53.3
-20°	258.7	239.4	221.6	204.7	187.2	168.7	149.8	128.1	107.9	81.2	53.9



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	252.0	233.6	215.9	198.8	181.9	163.8	145.7	123.8	105.2	78.1	54.1
-25°	244.7	227.0	209.9	193.2	176.1	158.7	140.9	119.1	102.2	75.1	54.2
-27.5°	236.9	219.7	203.3	187.1	170.2	153.4	135.2	115.3	98.6	72.2	54.1
-30°	228.3	212.0	196.1	180.4	163.9	147.9	129.0	111.4	94.3	70.8	53.7
-32.5°	219.4	203.6	188.4	173.1	157.4	142.0	122.7	107.4	90.5	70.1	53.7
-35°	210.2	194.9	180.2	165.4	150.5	134.8	117.1	103.4	87.2	69.1	53.6
-37.5°	200.5	186.1	171.6	157.4	143.3	127.7	112.1	98.9	84.5	68.0	53.3
-40°	190.5	176.8	162.9	149.2	135.7	120.7	106.5	94.3	82.7	66.6	52.6
-42.5°	180.0	166.9	153.7	140.6	128.2	113.9	100.5	89.5	79.0	65.4	51.6
-45°	169.1	156.6	143.9	132.5	120.6	106.5	94.9	84.5	74.8	64.0	50.2
-47.5°	157.5	145.5	134.4	124.1	111.6	98.9	89.2	79.6	70.4	62.1	48.2
-50°	145.0	134.6	125.2	114.2	102.0	92.4	83.3	74.6	66.4	58.5	45.8
-52.5°	132.9	124.5	114.7	103.6	94.0	85.8	77.5	69.4	62.2	54.3	43.1
-55°	121.1	113.1	103.1	94.0	86.0	79.0	71.5	64.7	58.0	49.7	40.3
-57.5°	107.8	100.5	92.3	84.6	78.0	71.9	65.9	59.9	53.0	45.1	38.1
-60°	94.4	88.2	81.4	75.5	70.0	65.0	60.6	54.7	47.7	40.5	35.2
-62.5°	81.1	76.0	71.5	66.6	62.1	58.3	55.1	48.8	42.3	36.4	31.9
-65°	68.5	65.0	61.7	57.5	54.0	51.3	48.3	42.7	36.9	32.1	28.3
-67.5°	56.1	53.5	50.7	47.9	46.4	44.4	41.4	36.2	31.4	27.6	24.3
-70°	43.6	41.7	41.2	40.9	39.7	37.5	33.7	29.3	25.6	23.2	20.4
-72.5°	33.3	34.0	34.7	34.6	32.6	29.7	25.9	22.6	21.0	19.0	16.4
-75°	25.7	27.0	27.8	27.4	25.1	22.2	19.8	17.9	16.5	14.7	13.0
-77.5°	19.6	20.5	20.9	20.5	18.6	16.8	14.9	13.3	12.3	11.3	9.8
-80°	13.8	14.2	14.4	14.0	12.7	11.3	10.4	9.6	8.9	7.9	6.6
-82.5°	8.0	8.3	8.5	8.5	7.9	7.4	6.8	6.1	5.5	4.6	4.1
-85°	3.8	3.9	4.0	3.9	3.6	3.4	3.4	3.4	3.2	3.0	2.7
-87.5°	1.1	1.3	1.4	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.4
-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: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-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°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
85°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
82.5°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
80°	5.0	3.7	2.8	1.9	1.1	0.6	0.0
77.5°	7.9	5.1	3.4	2.3	1.4	0.7	0.0
75°	10.7	7.3	4.2	2.8	1.7	0.9	0.0
72.5°	13.4	9.4	5.8	3.2	2.0	1.0	0.0
70°	16.1	11.5	7.4	3.8	2.3	1.1	0.0
67.5°	19.3	13.5	8.9	4.8	2.5	1.3	0.0
65°	22.3	15.6	10.3	5.9	2.8	1.4	0.0
62.5°	25.2	17.9	11.7	6.8	3.0	1.5	0.0
60°	27.9	20.0	13.1	7.8	3.3	1.6	0.0
57.5°	29.8	22.0	14.6	8.7	3.9	1.8	0.0
55°	31.4	23.9	16.0	9.5	4.5	1.9	0.0
52.5°	32.8	25.6	17.4	10.4	5.0	2.0	0.0
50°	33.9	26.4	18.6	11.1	5.6	2.1	0.0
47.5°	35.0	27.1	19.8	11.9	6.1	2.2	0.0
45°	36.6	27.6	20.8	12.7	6.6	2.3	0.0
42.5°	38.1	27.9	21.8	13.4	7.0	2.4	0.0
40°	39.2	28.0	22.3	14.2	7.5	2.5	0.0
37.5°	40.2	28.0	22.4	14.9	7.9	2.6	0.0
35°	40.8	28.4	22.3	15.7	8.3	2.7	0.0
32.5°	41.1	28.8	22.2	16.4	8.6	2.8	0.0
30°	41.1	29.1	22.0	17.2	9.0	2.9	0.0
27.5°	40.9	29.2	22.2	17.9	9.3	2.9	0.0
25°	40.4	29.1	22.5	18.5	9.6	3.0	0.0
22.5°	39.8	29.2	22.7	19.1	9.8	3.0	0.0
20°	38.9	29.9	22.9	19.7	10.0	3.1	0.0
17.5°	39.0	30.6	23.0	20.3	10.2	3.1	0.0
15°	39.6	31.2	23.2	20.8	10.4	3.2	0.0
12.5°	40.0	31.7	23.2	21.3	10.5	3.2	0.0
10°	40.4	32.1	23.3	21.7	10.6	3.2	0.0
7.5°	40.6	32.4	23.4	22.0	10.7	3.3	0.0
5°	40.8	32.6	23.4	22.3	10.7	3.3	0.0
2.5°	40.8	32.8	23.4	22.5	10.7	3.3	0.0
0°	40.8	32.8	23.4	22.5	10.7	3.3	0.0
-2.5°	40.8	32.8	23.4	22.5	10.7	3.3	0.0
-5°	40.8	32.6	23.4	22.3	10.7	3.3	0.0
-7.5°	40.6	32.4	23.4	22.0	10.7	3.3	0.0
-10°	40.4	32.1	23.3	21.7	10.6	3.2	0.0
-12.5°	40.0	31.7	23.2	21.3	10.5	3.2	0.0
-15°	39.6	31.2	23.2	20.8	10.4	3.2	0.0
-17.5°	39.0	30.6	23.0	20.3	10.2	3.1	0.0
-20°	38.9	29.9	22.9	19.7	10.0	3.1	0.0



REPORT NUMBER: P558637 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.8	29.2	22.7	19.1	9.8	3.0	0.0
-25°	40.4	29.1	22.5	18.5	9.6	3.0	0.0
-27.5°	40.9	29.2	22.2	17.9	9.3	2.9	0.0
-30°	41.1	29.1	22.0	17.2	9.0	2.9	0.0
-32.5°	41.1	28.8	22.2	16.4	8.6	2.8	0.0
-35°	40.8	28.4	22.3	15.7	8.3	2.7	0.0
-37.5°	40.2	28.0	22.4	14.9	7.9	2.6	0.0
-40°	39.2	28.0	22.3	14.2	7.5	2.5	0.0
-42.5°	38.1	27.9	21.8	13.4	7.0	2.4	0.0
-45°	36.6	27.6	20.8	12.7	6.6	2.3	0.0
-47.5°	35.0	27.1	19.8	11.9	6.1	2.2	0.0
-50°	33.9	26.4	18.6	11.1	5.6	2.1	0.0
-52.5°	32.8	25.6	17.4	10.4	5.0	2.0	0.0
-55°	31.4	23.9	16.0	9.5	4.5	1.9	0.0
-57.5°	29.8	22.0	14.6	8.7	3.9	1.8	0.0
-60°	27.9	20.0	13.1	7.8	3.3	1.6	0.0
-62.5°	25.2	17.9	11.7	6.8	3.0	1.5	0.0
-65°	22.3	15.6	10.3	5.9	2.8	1.4	0.0
-67.5°	19.3	13.5	8.9	4.8	2.5	1.3	0.0
-70°	16.1	11.5	7.4	3.8	2.3	1.1	0.0
-72.5°	13.4	9.4	5.8	3.2	2.0	1.0	0.0
-75°	10.7	7.3	4.2	2.8	1.7	0.9	0.0
-77.5°	7.9	5.1	3.4	2.3	1.4	0.7	0.0
-80°	5.0	3.7	2.8	1.9	1.1	0.6	0.0
-82.5°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
-85°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
-87.5°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)