

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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-935-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

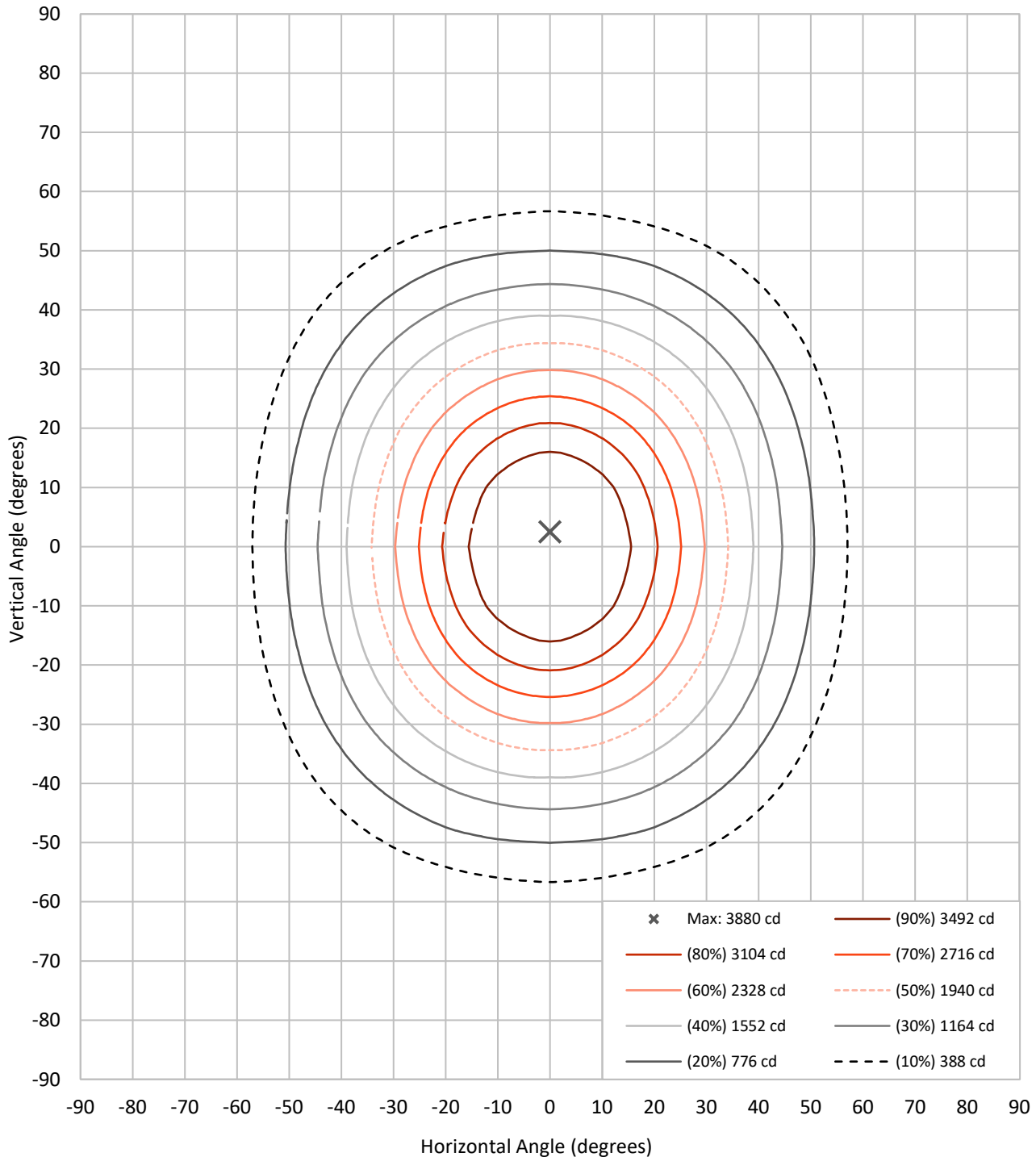
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5251.2 lumens	Max Intensity:	3880 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	95.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3148.5 lumens	Field Lumens:	5016.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%
Input Watts (W):	55		
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





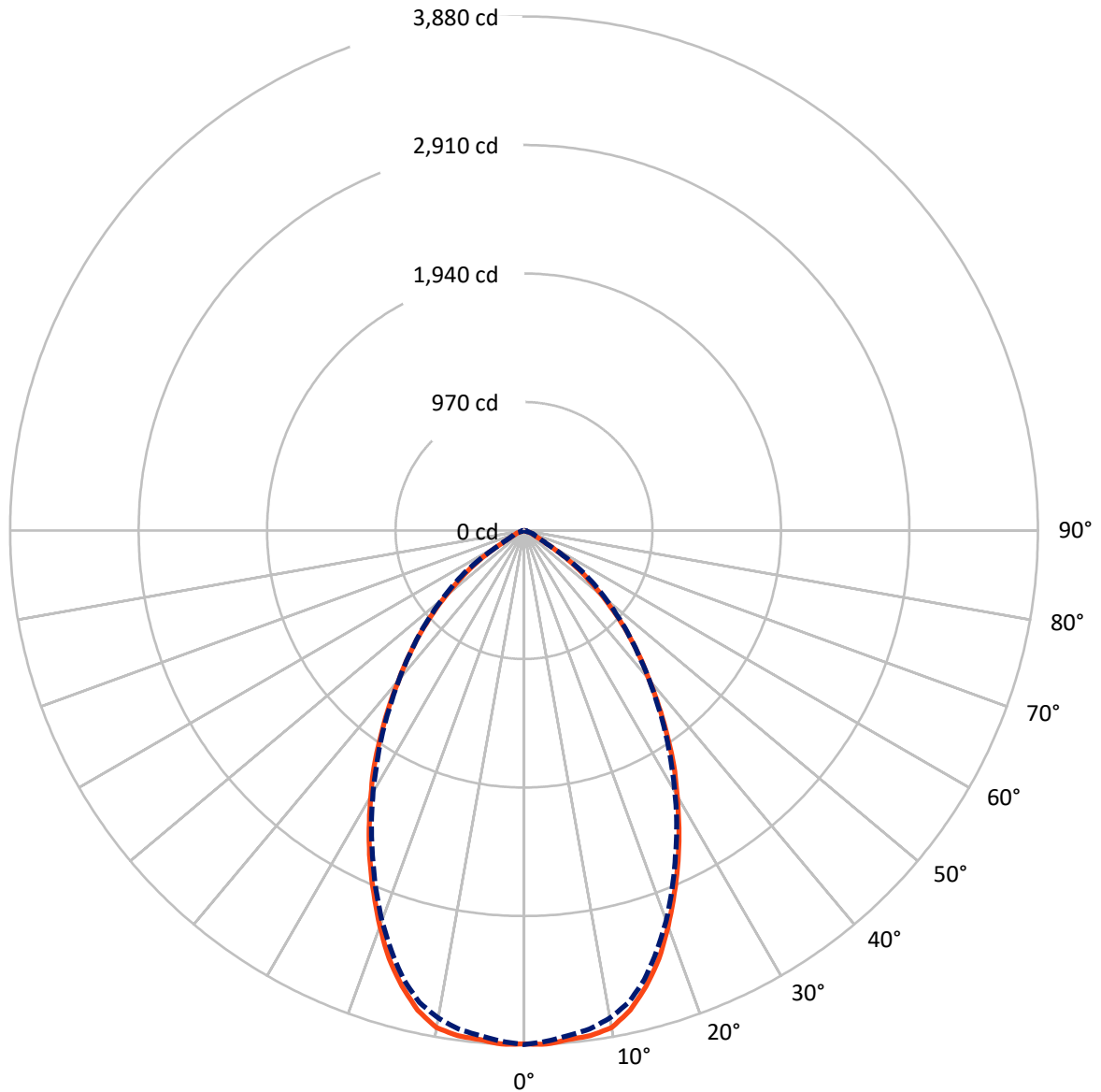
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Lumen Table

90																			
80	0.0	0.5		1.3		2.2		1.5		2.2		1.3		0.5		0.0			
70																			
60	0.2	0.4	0.7	1.1	1.6	2.1	2.6	2.9	2.9	2.6	2.1	1.6	1.1	0.7	0.4	0.2			
50		0.6	1.2	2.1	4.1	7.9	11.8	14.2	14.2	11.8	7.9	4.1	2.1	1.2	0.6				
40	0.4	0.8	1.7	5.0	13.2	22.0	29.3	33.4	33.4	29.3	22.0	13.2	5.0	1.7	0.8	0.4			
30		0.9	3.0	11.6	23.8	37.1	49.2	56.4	56.4	49.2	37.1	23.8	11.6	3.0	0.9				
20	0.4	1.1	5.4	17.5	33.7	52.8	70.5	81.7	81.7	70.5	52.8	33.7	17.5	5.4	1.1	0.4			
10		1.3	7.7	21.8	41.6	65.9	89.8	104.9	104.9	89.8	65.9	41.6	21.8	7.7	1.3				
0	0.5	1.4	9.0	24.1	46.0	73.7	100.9	115.3	115.3	100.9	73.7	46.0	24.1	9.0	1.4	0.5			
-10		1.4	9.0	24.1	46.0	73.7	100.9	115.3	115.3	100.9	73.7	46.0	24.1	9.0	1.4				
-20	0.4	1.3	7.7	21.8	41.6	65.9	89.8	104.9	104.9	89.8	65.9	41.6	21.8	7.7	1.3	0.4			
-30		1.1	5.4	17.5	33.7	52.8	70.5	81.7	81.7	70.5	52.8	33.7	17.5	5.4	1.1				
-40	0.4	0.9	3.0	11.6	23.8	37.1	49.2	56.4	56.4	49.2	37.1	23.8	11.6	3.0	0.9	0.4			
-50		0.8	1.7	5.0	13.2	22.0	29.3	33.4	33.4	29.3	22.0	13.2	5.0	1.7	0.8				
-60	0.2	0.6	1.2	2.1	4.1	7.9	11.8	14.2	14.2	11.8	7.9	4.1	2.1	1.2	0.6	0.2			
-70		0.4	0.7	1.1	1.6	2.1	2.6	2.9	2.9	2.6	2.1	1.6	1.1	0.7	0.4				
-80																			
-90	0.0	0.5		1.3		2.2		1.5		2.2		1.3		0.5		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

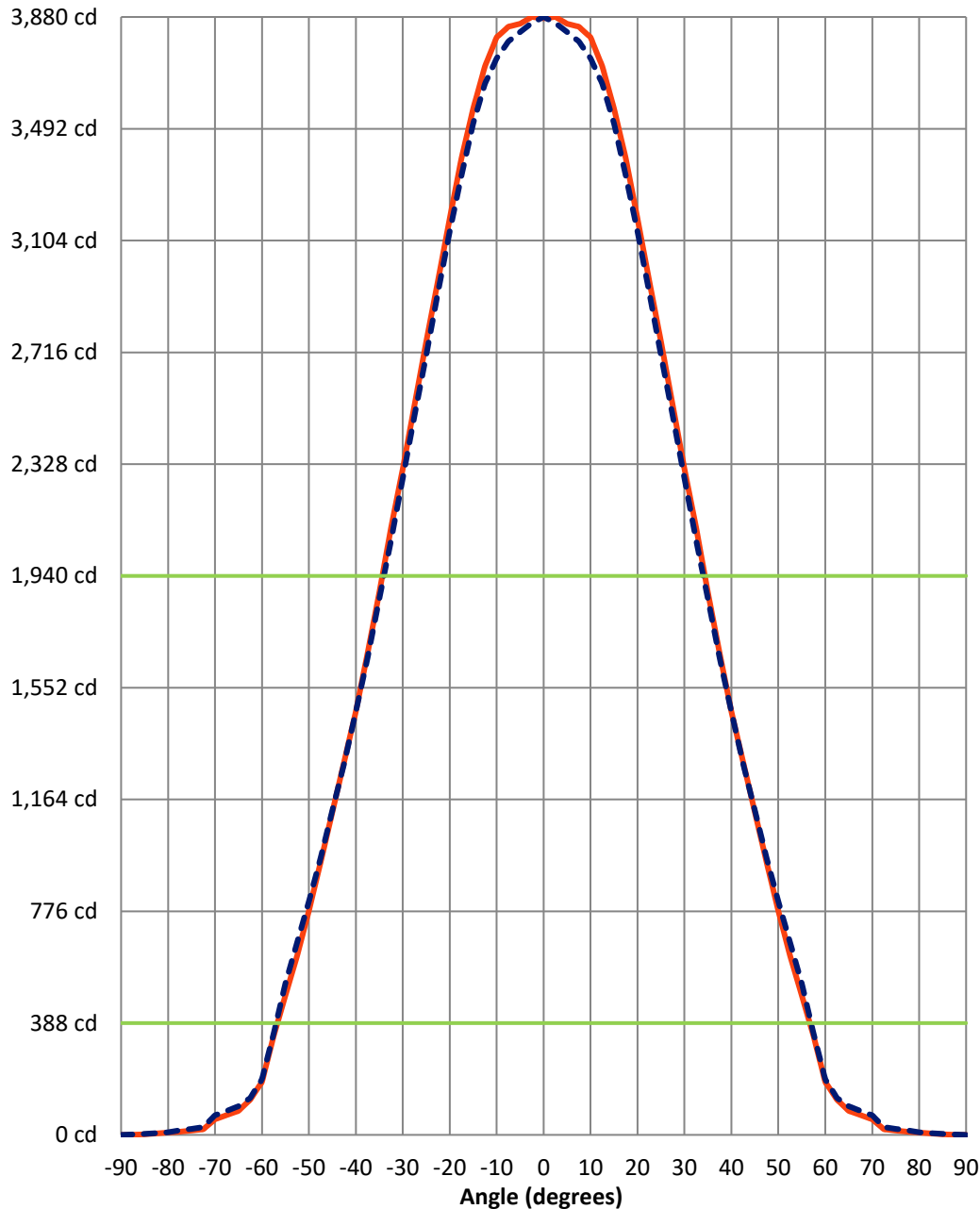
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 3148.5
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 5016.3
Efficiency: 95.5%

Spill:
Lumens: 234.9
Efficiency: 4.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.8
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.2	4.0	4.9
77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.8	4.8	5.9	7.3
75°	0.0	0.4	0.8	1.2	1.6	2.6	3.8	5.1	6.5	8.7	10.8
72.5°	0.0	0.5	0.9	1.3	2.1	3.3	4.9	6.7	9.3	11.8	14.3
70°	0.0	0.5	1.0	1.6	2.6	4.1	6.0	9.1	12.0	14.9	19.0
67.5°	0.0	0.6	1.1	1.9	3.1	4.8	7.9	11.5	14.8	19.0	23.8
65°	0.0	0.6	1.3	2.1	3.6	5.7	9.6	13.9	18.1	23.0	28.4
62.5°	0.0	0.7	1.4	2.4	4.0	6.8	11.2	16.4	21.3	26.9	32.8
60°	0.0	0.7	1.5	2.7	4.4	7.9	12.7	18.9	24.3	31.1	37.3
57.5°	0.0	0.8	1.6	2.9	5.0	8.8	14.1	21.1	28.0	35.3	41.0
55°	0.0	0.9	1.8	3.1	5.6	9.7	15.4	22.9	31.9	39.3	44.4
52.5°	0.0	0.9	1.9	3.3	6.1	10.4	16.5	25.5	35.7	42.4	47.8
50°	0.0	1.0	2.1	3.5	6.5	11.1	17.5	27.9	39.3	45.5	51.3
47.5°	0.0	1.0	2.2	3.7	6.8	11.6	18.3	30.0	42.0	48.5	54.7
45°	0.0	1.1	2.3	3.9	7.1	12.0	19.8	31.8	43.2	51.3	57.8
42.5°	0.0	1.1	2.4	4.1	7.3	12.3	21.1	32.8	44.0	53.9	61.2
40°	0.0	1.1	2.6	4.2	7.4	12.4	22.1	33.2	44.4	56.1	64.6
37.5°	0.0	1.2	2.7	4.4	7.5	12.4	22.8	33.3	44.9	57.0	67.9
35°	0.0	1.2	2.8	4.6	7.5	12.7	23.3	33.1	45.4	59.1	71.1
32.5°	0.0	1.3	2.9	4.8	7.4	13.1	23.4	32.7	45.8	61.7	74.4
30°	0.0	1.3	3.0	5.0	7.2	13.2	23.0	32.2	46.3	64.9	77.5
27.5°	0.0	1.3	3.0	5.1	7.4	13.3	22.3	32.3	47.4	68.5	80.4
25°	0.0	1.4	3.1	5.3	7.6	13.1	21.5	32.3	49.9	71.4	83.2
22.5°	0.0	1.4	3.2	5.4	7.8	13.1	20.5	32.2	52.5	73.5	86.7
20°	0.0	1.4	3.3	5.5	8.0	13.7	19.4	32.0	55.1	75.5	89.8
17.5°	0.0	1.4	3.3	5.7	8.2	14.3	19.2	31.7	57.8	77.3	92.5
15°	0.0	1.4	3.4	5.7	8.4	14.7	19.6	31.6	60.4	78.9	94.8
12.5°	0.0	1.5	3.4	5.8	8.5	15.1	19.9	31.4	62.7	80.3	96.8
10°	0.0	1.5	3.4	5.9	8.7	15.4	20.2	30.7	64.7	81.3	98.3
7.5°	0.0	1.5	3.5	5.9	8.8	15.7	20.5	29.8	66.2	82.1	99.1
5°	0.0	1.5	3.5	6.0	8.9	15.9	20.7	28.5	67.3	82.8	99.5
2.5°	0.0	1.5	3.5	6.0	8.9	16.0	20.8	27.0	67.8	83.2	99.6
0°	0.0	1.5	3.5	6.0	9.0	16.0	20.9	25.4	67.8	83.3	99.3
-2.5°	0.0	1.5	3.5	6.0	8.9	16.0	20.8	27.0	67.8	83.2	99.6
-5°	0.0	1.5	3.5	6.0	8.9	15.9	20.7	28.5	67.3	82.8	99.5
-7.5°	0.0	1.5	3.5	5.9	8.8	15.7	20.5	29.8	66.2	82.1	99.1
-10°	0.0	1.5	3.4	5.9	8.7	15.4	20.2	30.7	64.7	81.3	98.3
-12.5°	0.0	1.5	3.4	5.8	8.5	15.1	19.9	31.4	62.7	80.3	96.8
-15°	0.0	1.4	3.4	5.7	8.4	14.7	19.6	31.6	60.4	78.9	94.8
-17.5°	0.0	1.4	3.3	5.7	8.2	14.3	19.2	31.7	57.8	77.3	92.5
-20°	0.0	1.4	3.3	5.5	8.0	13.7	19.4	32.0	55.1	75.5	89.8



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 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.2	5.4	7.8	13.1	20.5	32.2	52.5	73.5	86.7
-25°	0.0	1.4	3.1	5.3	7.6	13.1	21.5	32.3	49.9	71.4	83.2
-27.5°	0.0	1.3	3.0	5.1	7.4	13.3	22.3	32.3	47.4	68.5	80.4
-30°	0.0	1.3	3.0	5.0	7.2	13.2	23.0	32.2	46.3	64.9	77.5
-32.5°	0.0	1.3	2.9	4.8	7.4	13.1	23.4	32.7	45.8	61.7	74.4
-35°	0.0	1.2	2.8	4.6	7.5	12.7	23.3	33.1	45.4	59.1	71.1
-37.5°	0.0	1.2	2.7	4.4	7.5	12.4	22.8	33.3	44.9	57.0	67.9
-40°	0.0	1.1	2.6	4.2	7.4	12.4	22.1	33.2	44.4	56.1	64.6
-42.5°	0.0	1.1	2.4	4.1	7.3	12.3	21.1	32.8	44.0	53.9	61.2
-45°	0.0	1.1	2.3	3.9	7.1	12.0	19.8	31.8	43.2	51.3	57.8
-47.5°	0.0	1.0	2.2	3.7	6.8	11.6	18.3	30.0	42.0	48.5	54.7
-50°	0.0	1.0	2.1	3.5	6.5	11.1	17.5	27.9	39.3	45.5	51.3
-52.5°	0.0	0.9	1.9	3.3	6.1	10.4	16.5	25.5	35.7	42.4	47.8
-55°	0.0	0.9	1.8	3.1	5.6	9.7	15.4	22.9	31.9	39.3	44.4
-57.5°	0.0	0.8	1.6	2.9	5.0	8.8	14.1	21.1	28.0	35.3	41.0
-60°	0.0	0.7	1.5	2.7	4.4	7.9	12.7	18.9	24.3	31.1	37.3
-62.5°	0.0	0.7	1.4	2.4	4.0	6.8	11.2	16.4	21.3	26.9	32.8
-65°	0.0	0.6	1.3	2.1	3.6	5.7	9.6	13.9	18.1	23.0	28.4
-67.5°	0.0	0.6	1.1	1.9	3.1	4.8	7.9	11.5	14.8	19.0	23.8
-70°	0.0	0.5	1.0	1.6	2.6	4.1	6.0	9.1	12.0	14.9	19.0
-72.5°	0.0	0.5	0.9	1.3	2.1	3.3	4.9	6.7	9.3	11.8	14.3
-75°	0.0	0.4	0.8	1.2	1.6	2.6	3.8	5.1	6.5	8.7	10.8
-77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.8	4.8	5.9	7.3
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.2	4.0	4.9
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.8
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	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



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 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5
85°	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2.1	2.3	2.7
82.5°	3.2	3.4	3.5	3.5	3.6	3.6	3.5	3.5	4.3	5.4	6.6
80°	5.3	5.5	6.4	7.3	7.8	7.8	7.3	6.5	7.8	9.7	12.0
77.5°	8.7	10.0	11.3	12.7	12.9	12.3	11.2	9.7	11.4	14.9	18.7
75°	12.6	14.4	16.3	17.8	17.8	16.7	15.3	15.0	17.9	22.1	25.5
72.5°	17.2	19.7	21.6	22.9	22.8	22.6	23.1	24.4	26.7	29.8	32.4
70°	22.8	25.3	26.7	27.3	27.6	29.0	31.0	32.6	34.3	37.3	40.1
67.5°	28.3	30.2	31.5	32.3	34.7	37.3	39.4	41.3	43.4	46.5	49.0
65°	33.2	35.2	37.0	39.6	43.0	45.5	47.9	50.5	54.1	57.6	59.6
62.5°	38.1	40.2	42.8	46.4	50.0	53.3	57.3	61.8	66.5	70.0	74.0
60°	41.8	44.8	48.6	52.8	57.2	62.4	67.5	72.8	77.6	82.4	88.3
57.5°	45.4	49.7	54.4	59.3	65.1	71.6	77.9	83.6	89.7	96.3	103.0
55°	49.3	54.9	60.1	66.0	73.1	81.3	88.3	95.1	102.4	113.5	123.2
52.5°	53.5	59.8	65.7	72.8	81.6	90.5	98.4	107.9	120.1	136.6	163.2
50°	57.6	64.3	71.1	80.4	89.9	99.2	110.7	124.0	148.4	179.1	232.7
47.5°	61.6	68.7	77.8	87.8	98.1	110.4	125.0	153.9	187.2	263.6	339.7
45°	65.5	74.0	84.1	95.4	107.7	123.2	153.5	189.1	279.8	367.6	459.1
42.5°	69.4	79.3	90.8	102.9	119.1	147.0	185.9	280.2	378.3	479.2	567.0
40°	73.8	84.3	97.6	112.9	134.3	176.6	264.1	370.2	480.9	576.2	661.7
37.5°	77.9	90.3	104.8	122.7	161.1	231.8	344.5	462.2	569.4	662.5	753.7
35°	81.7	96.2	113.5	140.3	187.3	303.8	426.0	545.7	648.2	747.6	847.4
32.5°	86.2	101.9	121.8	163.5	247.5	373.4	503.4	617.5	724.8	830.7	944.8
30°	91.1	108.9	133.4	185.8	307.1	441.0	569.8	686.4	797.5	915.2	1037.4
27.5°	95.8	115.7	152.6	228.8	363.1	504.1	630.3	750.1	869.5	994.8	1126.3
25°	100.0	122.2	170.5	276.1	417.2	557.9	685.8	807.8	936.7	1072.9	1211.3
22.5°	104.5	128.5	186.8	319.1	466.7	605.9	734.9	864.2	1000.6	1145.0	1289.4
20°	109.5	142.0	213.4	358.8	511.7	649.5	778.9	916.6	1060.5	1210.0	1362.5
17.5°	114.0	153.8	245.3	396.5	549.6	687.3	818.5	964.1	1112.5	1268.9	1429.4
15°	118.0	164.1	273.4	429.8	581.7	719.5	857.2	1006.2	1158.7	1321.6	1488.4
12.5°	121.5	172.8	297.6	458.6	608.8	747.0	889.7	1041.8	1200.0	1367.7	1541.5
10°	124.5	179.9	317.7	482.7	630.8	769.7	915.8	1071.4	1232.8	1404.9	1584.4
7.5°	126.5	185.7	333.6	502.0	647.8	787.4	935.4	1094.7	1256.8	1433.9	1616.7
5°	127.7	190.5	345.1	516.2	660.2	800.8	949.6	1111.4	1272.2	1454.2	1638.5
2.5°	128.3	193.8	352.1	525.3	667.9	810.2	961.3	1126.1	1288.4	1468.7	1655.4
0°	128.2	195.5	354.6	529.2	670.9	814.5	967.1	1133.7	1298.8	1474.9	1666.9
-2.5°	128.3	193.8	352.1	525.3	667.9	810.2	961.3	1126.1	1288.4	1468.7	1655.4
-5°	127.7	190.5	345.1	516.2	660.2	800.8	949.6	1111.4	1272.2	1454.2	1638.5
-7.5°	126.5	185.7	333.6	502.0	647.8	787.4	935.4	1094.7	1256.8	1433.9	1616.7
-10°	124.5	179.9	317.7	482.7	630.8	769.7	915.8	1071.4	1232.8	1404.9	1584.4
-12.5°	121.5	172.8	297.6	458.6	608.8	747.0	889.7	1041.8	1200.0	1367.7	1541.5
-15°	118.0	164.1	273.4	429.8	581.7	719.5	857.2	1006.2	1158.7	1321.6	1488.4
-17.5°	114.0	153.8	245.3	396.5	549.6	687.3	818.5	964.1	1112.5	1268.9	1429.4
-20°	109.5	142.0	213.4	358.8	511.7	649.5	778.9	916.6	1060.5	1210.0	1362.5



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	104.5	128.5	186.8	319.1	466.7	605.9	734.9	864.2	1000.6	1145.0	1289.4
-25°	100.0	122.2	170.5	276.1	417.2	557.9	685.8	807.8	936.7	1072.9	1211.3
-27.5°	95.8	115.7	152.6	228.8	363.1	504.1	630.3	750.1	869.5	994.8	1126.3
-30°	91.1	108.9	133.4	185.8	307.1	441.0	569.8	686.4	797.5	915.2	1037.4
-32.5°	86.2	101.9	121.8	163.5	247.5	373.4	503.4	617.5	724.8	830.7	944.8
-35°	81.7	96.2	113.5	140.3	187.3	303.8	426.0	545.7	648.2	747.6	847.4
-37.5°	77.9	90.3	104.8	122.7	161.1	231.8	344.5	462.2	569.4	662.5	753.7
-40°	73.8	84.3	97.6	112.9	134.3	176.6	264.1	370.2	480.9	576.2	661.7
-42.5°	69.4	79.3	90.8	102.9	119.1	147.0	185.9	280.2	378.3	479.2	567.0
-45°	65.5	74.0	84.1	95.4	107.7	123.2	153.5	189.1	279.8	367.6	459.1
-47.5°	61.6	68.7	77.8	87.8	98.1	110.4	125.0	153.9	187.2	263.6	339.7
-50°	57.6	64.3	71.1	80.4	89.9	99.2	110.7	124.0	148.4	179.1	232.7
-52.5°	53.5	59.8	65.7	72.8	81.6	90.5	98.4	107.9	120.1	136.6	163.2
-55°	49.3	54.9	60.1	66.0	73.1	81.3	88.3	95.1	102.4	113.5	123.2
-57.5°	45.4	49.7	54.4	59.3	65.1	71.6	77.9	83.6	89.7	96.3	103.0
-60°	41.8	44.8	48.6	52.8	57.2	62.4	67.5	72.8	77.6	82.4	88.3
-62.5°	38.1	40.2	42.8	46.4	50.0	53.3	57.3	61.8	66.5	70.0	74.0
-65°	33.2	35.2	37.0	39.6	43.0	45.5	47.9	50.5	54.1	57.6	59.6
-67.5°	28.3	30.2	31.5	32.3	34.7	37.3	39.4	41.3	43.4	46.5	49.0
-70°	22.8	25.3	26.7	27.3	27.6	29.0	31.0	32.6	34.3	37.3	40.1
-72.5°	17.2	19.7	21.6	22.9	22.8	22.6	23.1	24.4	26.7	29.8	32.4
-75°	12.6	14.4	16.3	17.8	17.8	16.7	15.3	15.0	17.9	22.1	25.5
-77.5°	8.7	10.0	11.3	12.7	12.9	12.3	11.2	9.7	11.4	14.9	18.7
-80°	5.3	5.5	6.4	7.3	7.8	7.8	7.3	6.5	7.8	9.7	12.0
-82.5°	3.2	3.4	3.5	3.5	3.6	3.6	3.5	3.5	4.3	5.4	6.6
-85°	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2.1	2.3	2.7
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	3.0	3.0	2.9	2.7	2.5	2.6	2.7	2.8	2.8	2.6	2.4
82.5°	7.8	8.4	9.0	9.6	10.2	10.1	9.8	9.4	8.9	7.9	6.8
80°	14.7	16.0	16.9	17.7	18.2	17.7	16.8	15.9	14.8	13.1	11.3
77.5°	22.7	24.1	24.8	25.7	26.6	26.8	26.9	27.0	27.1	24.0	20.2
75°	28.2	30.1	31.6	32.9	34.1	34.7	35.0	35.4	35.8	31.7	26.4
72.5°	34.7	36.5	37.9	39.4	40.7	41.6	42.4	43.0	43.5	40.2	35.6
70°	42.3	44.1	45.7	47.2	48.7	50.0	51.2	52.3	53.3	53.5	53.7
67.5°	50.9	51.9	53.9	55.8	58.0	59.6	61.5	63.2	64.7	66.1	67.2
65°	61.5	65.3	69.0	70.9	71.0	73.4	77.1	79.2	79.8	80.3	81.5
62.5°	79.2	84.1	86.7	90.0	94.6	99.6	101.5	104.2	107.6	111.4	114.8
60°	93.4	97.5	103.7	109.9	115.5	120.6	132.9	143.8	153.2	161.2	169.0
57.5°	110.9	117.7	127.1	144.1	159.7	173.8	197.8	227.2	253.3	276.2	296.3
55°	138.8	158.7	176.6	216.7	259.6	296.7	331.5	368.6	398.9	422.5	444.4
52.5°	186.4	241.1	296.5	348.6	399.9	446.5	488.4	521.3	547.0	566.3	584.6
50°	298.5	364.4	431.8	494.0	544.3	590.3	633.9	666.6	693.9	717.5	738.3
47.5°	420.6	497.7	561.5	618.8	673.1	724.1	771.7	811.5	845.2	876.3	902.1
45°	542.1	611.1	676.5	738.0	797.0	854.2	905.5	950.7	995.3	1032.1	1061.3
42.5°	644.9	717.9	787.5	857.8	923.9	988.0	1049.9	1104.9	1152.3	1192.5	1224.9
40°	743.5	822.2	904.9	983.0	1061.4	1134.6	1203.2	1266.0	1319.9	1367.6	1407.9
37.5°	843.9	935.8	1026.6	1115.6	1202.0	1281.6	1360.4	1432.8	1496.0	1551.8	1598.6
35°	949.8	1051.1	1149.9	1250.3	1344.6	1436.7	1523.7	1603.5	1673.5	1739.2	1795.6
32.5°	1056.0	1165.8	1277.0	1385.6	1490.0	1593.2	1688.6	1778.6	1861.3	1934.0	1994.3
30°	1159.3	1280.2	1399.2	1517.5	1636.7	1749.1	1854.9	1953.7	2043.4	2122.6	2191.0
27.5°	1258.5	1388.4	1516.1	1651.3	1780.9	1903.2	2018.1	2124.3	2224.4	2314.5	2392.2
25°	1350.3	1488.3	1637.0	1778.9	1917.6	2053.2	2179.1	2294.4	2408.9	2508.0	2592.4
22.5°	1436.9	1590.9	1747.6	1896.4	2049.4	2198.5	2339.4	2473.1	2595.4	2699.2	2789.2
20°	1519.4	1685.1	1846.6	2011.3	2176.9	2337.8	2493.0	2635.9	2765.1	2878.2	2979.7
17.5°	1597.3	1768.8	1940.3	2116.2	2295.1	2464.2	2628.6	2784.1	2925.2	3050.6	3165.0
15°	1664.6	1841.8	2025.5	2212.5	2399.6	2579.4	2753.9	2923.2	3081.9	3218.5	3333.9
12.5°	1721.8	1906.4	2100.7	2296.9	2494.1	2682.7	2867.6	3048.7	3217.4	3364.3	3482.8
10°	1769.3	1962.7	2165.7	2370.0	2572.3	2768.2	2960.5	3147.9	3329.2	3481.4	3603.1
7.5°	1808.8	2009.7	2217.4	2427.9	2632.0	2835.4	3036.0	3225.3	3403.9	3564.4	3689.5
5°	1838.4	2042.6	2254.7	2470.4	2677.7	2888.3	3094.9	3288.6	3465.4	3610.9	3713.0
2.5°	1860.4	2063.1	2278.9	2496.1	2706.1	2924.3	3135.3	3329.2	3510.2	3647.8	3736.2
0°	1875.4	2074.4	2300.9	2513.8	2727.3	2951.3	3159.8	3355.8	3537.3	3672.0	3763.3
-2.5°	1860.4	2063.1	2278.9	2496.1	2706.1	2924.3	3135.3	3329.2	3510.2	3647.8	3736.2
-5°	1838.4	2042.6	2254.7	2470.4	2677.7	2888.3	3094.9	3288.6	3465.4	3610.9	3713.0
-7.5°	1808.8	2009.7	2217.4	2427.9	2632.0	2835.4	3036.0	3225.3	3403.9	3564.4	3689.5
-10°	1769.3	1962.7	2165.7	2370.0	2572.3	2768.2	2960.5	3147.9	3329.2	3481.4	3603.1
-12.5°	1721.8	1906.4	2100.7	2296.9	2494.1	2682.7	2867.6	3048.7	3217.4	3364.3	3482.8
-15°	1664.6	1841.8	2025.5	2212.5	2399.6	2579.4	2753.9	2923.2	3081.9	3218.5	3333.9
-17.5°	1597.3	1768.8	1940.3	2116.2	2295.1	2464.2	2628.6	2784.1	2925.2	3050.6	3165.0
-20°	1519.4	1685.1	1846.6	2011.3	2176.9	2337.8	2493.0	2635.9	2765.1	2878.2	2979.7



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1436.9	1590.9	1747.6	1896.4	2049.4	2198.5	2339.4	2473.1	2595.4	2699.2	2789.2
-25°	1350.3	1488.3	1637.0	1778.9	1917.6	2053.2	2179.1	2294.4	2408.9	2508.0	2592.4
-27.5°	1258.5	1388.4	1516.1	1651.3	1780.9	1903.2	2018.1	2124.3	2224.4	2314.5	2392.2
-30°	1159.3	1280.2	1399.2	1517.5	1636.7	1749.1	1854.9	1953.7	2043.4	2122.6	2191.0
-32.5°	1056.0	1165.8	1277.0	1385.6	1490.0	1593.2	1688.6	1778.6	1861.3	1934.0	1994.3
-35°	949.8	1051.1	1149.9	1250.3	1344.6	1436.7	1523.7	1603.5	1673.5	1739.2	1795.6
-37.5°	843.9	935.8	1026.6	1115.6	1202.0	1281.6	1360.4	1432.8	1496.0	1551.8	1598.6
-40°	743.5	822.2	904.9	983.0	1061.4	1134.6	1203.2	1266.0	1319.9	1367.6	1407.9
-42.5°	644.9	717.9	787.5	857.8	923.9	988.0	1049.9	1104.9	1152.3	1192.5	1224.9
-45°	542.1	611.1	676.5	738.0	797.0	854.2	905.5	950.7	995.3	1032.1	1061.3
-47.5°	420.6	497.7	561.5	618.8	673.1	724.1	771.7	811.5	845.2	876.3	902.1
-50°	298.5	364.4	431.8	494.0	544.3	590.3	633.9	666.6	693.9	717.5	738.3
-52.5°	186.4	241.1	296.5	348.6	399.9	446.5	488.4	521.3	547.0	566.3	584.6
-55°	138.8	158.7	176.6	216.7	259.6	296.7	331.5	368.6	398.9	422.5	444.4
-57.5°	110.9	117.7	127.1	144.1	159.7	173.8	197.8	227.2	253.3	276.2	296.3
-60°	93.4	97.5	103.7	109.9	115.5	120.6	132.9	143.8	153.2	161.2	169.0
-62.5°	79.2	84.1	86.7	90.0	94.6	99.6	101.5	104.2	107.6	111.4	114.8
-65°	61.5	65.3	69.0	70.9	71.0	73.4	77.1	79.2	79.8	80.3	81.5
-67.5°	50.9	51.9	53.9	55.8	58.0	59.6	61.5	63.2	64.7	66.1	67.2
-70°	42.3	44.1	45.7	47.2	48.7	50.0	51.2	52.3	53.3	53.5	53.7
-72.5°	34.7	36.5	37.9	39.4	40.7	41.6	42.4	43.0	43.5	40.2	35.6
-75°	28.2	30.1	31.6	32.9	34.1	34.7	35.0	35.4	35.8	31.7	26.4
-77.5°	22.7	24.1	24.8	25.7	26.6	26.8	26.9	27.0	27.1	24.0	20.2
-80°	14.7	16.0	16.9	17.7	18.2	17.7	16.8	15.9	14.8	13.1	11.3
-82.5°	7.8	8.4	9.0	9.6	10.2	10.1	9.8	9.4	8.9	7.9	6.8
-85°	3.0	3.0	2.9	2.7	2.5	2.6	2.7	2.8	2.8	2.6	2.4
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
82.5°	5.7	4.5	4.7	5.0	4.7	4.5	5.7	6.8	7.9	8.9	9.4
80°	9.5	7.5	7.7	8.0	7.7	7.5	9.5	11.3	13.1	14.8	15.9
77.5°	16.0	11.6	11.2	11.0	11.2	11.6	16.0	20.2	24.0	27.1	27.0
75°	20.9	15.3	15.0	15.0	15.0	15.3	20.9	26.4	31.7	35.8	35.4
72.5°	30.9	26.1	22.8	19.5	22.8	26.1	30.9	35.6	40.2	43.5	43.0
70°	54.3	55.0	54.7	53.9	54.7	55.0	54.3	53.7	53.5	53.3	52.3
67.5°	68.1	68.8	68.9	68.8	68.9	68.8	68.1	67.2	66.1	64.7	63.2
65°	82.3	82.8	83.2	83.3	83.2	82.8	82.3	81.5	80.3	79.8	79.2
62.5°	117.4	119.1	120.9	122.2	120.9	119.1	117.4	114.8	111.4	107.6	104.2
60°	175.7	181.3	183.8	184.0	183.8	181.3	175.7	169.0	161.2	153.2	143.8
57.5°	312.4	324.4	335.2	343.2	335.2	324.4	312.4	296.3	276.2	253.3	227.2
55°	461.8	474.6	481.9	483.8	481.9	474.6	461.8	444.4	422.5	398.9	368.6
52.5°	598.5	607.0	615.0	622.0	615.0	607.0	598.5	584.6	566.3	547.0	521.3
50°	754.0	763.5	771.5	777.6	771.5	763.5	754.0	738.3	717.5	693.9	666.6
47.5°	920.3	931.9	940.4	946.2	940.4	931.9	920.3	902.1	876.3	845.2	811.5
45°	1086.2	1106.1	1118.2	1120.3	1118.2	1106.1	1086.2	1061.3	1032.1	995.3	950.7
42.5°	1252.9	1271.9	1284.8	1294.3	1284.8	1271.9	1252.9	1224.9	1192.5	1152.3	1104.9
40°	1441.5	1465.5	1476.4	1469.4	1476.4	1465.5	1441.5	1407.9	1367.6	1319.9	1266.0
37.5°	1634.7	1659.3	1672.0	1671.4	1672.0	1659.3	1634.7	1598.6	1551.8	1496.0	1432.8
35°	1839.5	1870.0	1886.6	1882.4	1886.6	1870.0	1839.5	1795.6	1739.2	1673.5	1603.5
32.5°	2042.4	2079.3	2103.1	2106.8	2103.1	2079.3	2042.4	1994.3	1934.0	1861.3	1778.6
30°	2245.9	2285.8	2309.5	2311.8	2309.5	2285.8	2245.9	2191.0	2122.6	2043.4	1953.7
27.5°	2457.5	2502.1	2526.9	2532.8	2526.9	2502.1	2457.5	2392.2	2314.5	2224.4	2124.3
25°	2664.4	2713.9	2742.4	2753.3	2742.4	2713.9	2664.4	2592.4	2508.0	2408.9	2294.4
22.5°	2863.9	2918.2	2955.3	2964.7	2955.3	2918.2	2863.9	2789.2	2699.2	2595.4	2473.1
20°	3064.0	3128.1	3175.5	3180.2	3175.5	3128.1	3064.0	2979.7	2878.2	2765.1	2635.9
17.5°	3256.7	3326.0	3376.8	3389.2	3376.8	3326.0	3256.7	3165.0	3050.6	2925.2	2784.1
15°	3429.2	3502.0	3551.0	3561.8	3551.0	3502.0	3429.2	3333.9	3218.5	3081.9	2923.2
12.5°	3578.1	3645.1	3690.9	3708.4	3690.9	3645.1	3578.1	3482.8	3364.3	3217.4	3048.7
10°	3698.0	3749.8	3790.7	3809.2	3790.7	3749.8	3698.0	3603.1	3481.4	3329.2	3147.9
7.5°	3764.9	3807.6	3835.9	3846.1	3835.9	3807.6	3764.9	3689.5	3564.4	3403.9	3225.3
5°	3791.4	3832.2	3847.6	3856.6	3847.6	3832.2	3791.4	3713.0	3610.9	3465.4	3288.6
2.5°	3795.0	3827.7	3859.3	3880.0	3859.3	3827.7	3795.0	3736.2	3647.8	3510.2	3329.2
0°	3816.2	3848.1	3865.5	3875.5	3865.5	3848.1	3816.2	3763.3	3672.0	3537.3	3355.8
-2.5°	3795.0	3827.7	3859.3	3880.0	3859.3	3827.7	3795.0	3736.2	3647.8	3510.2	3329.2
-5°	3791.4	3832.2	3847.6	3856.6	3847.6	3832.2	3791.4	3713.0	3610.9	3465.4	3288.6
-7.5°	3764.9	3807.6	3835.9	3846.1	3835.9	3807.6	3764.9	3689.5	3564.4	3403.9	3225.3
-10°	3698.0	3749.8	3790.7	3809.2	3790.7	3749.8	3698.0	3603.1	3481.4	3329.2	3147.9
-12.5°	3578.1	3645.1	3690.9	3708.4	3690.9	3645.1	3578.1	3482.8	3364.3	3217.4	3048.7
-15°	3429.2	3502.0	3551.0	3561.8	3551.0	3502.0	3429.2	3333.9	3218.5	3081.9	2923.2
-17.5°	3256.7	3326.0	3376.8	3389.2	3376.8	3326.0	3256.7	3165.0	3050.6	2925.2	2784.1
-20°	3064.0	3128.1	3175.5	3180.2	3175.5	3128.1	3064.0	2979.7	2878.2	2765.1	2635.9



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2863.9	2918.2	2955.3	2964.7	2955.3	2918.2	2863.9	2789.2	2699.2	2595.4	2473.1
-25°	2664.4	2713.9	2742.4	2753.3	2742.4	2713.9	2664.4	2592.4	2508.0	2408.9	2294.4
-27.5°	2457.5	2502.1	2526.9	2532.8	2526.9	2502.1	2457.5	2392.2	2314.5	2224.4	2124.3
-30°	2245.9	2285.8	2309.5	2311.8	2309.5	2285.8	2245.9	2191.0	2122.6	2043.4	1953.7
-32.5°	2042.4	2079.3	2103.1	2106.8	2103.1	2079.3	2042.4	1994.3	1934.0	1861.3	1778.6
-35°	1839.5	1870.0	1886.6	1882.4	1886.6	1870.0	1839.5	1795.6	1739.2	1673.5	1603.5
-37.5°	1634.7	1659.3	1672.0	1671.4	1672.0	1659.3	1634.7	1598.6	1551.8	1496.0	1432.8
-40°	1441.5	1465.5	1476.4	1469.4	1476.4	1465.5	1441.5	1407.9	1367.6	1319.9	1266.0
-42.5°	1252.9	1271.9	1284.8	1294.3	1284.8	1271.9	1252.9	1224.9	1192.5	1152.3	1104.9
-45°	1086.2	1106.1	1118.2	1120.3	1118.2	1106.1	1086.2	1061.3	1032.1	995.3	950.7
-47.5°	920.3	931.9	940.4	946.2	940.4	931.9	920.3	902.1	876.3	845.2	811.5
-50°	754.0	763.5	771.5	777.6	771.5	763.5	754.0	738.3	717.5	693.9	666.6
-52.5°	598.5	607.0	615.0	622.0	615.0	607.0	598.5	584.6	566.3	547.0	521.3
-55°	461.8	474.6	481.9	483.8	481.9	474.6	461.8	444.4	422.5	398.9	368.6
-57.5°	312.4	324.4	335.2	343.2	335.2	324.4	312.4	296.3	276.2	253.3	227.2
-60°	175.7	181.3	183.8	184.0	183.8	181.3	175.7	169.0	161.2	153.2	143.8
-62.5°	117.4	119.1	120.9	122.2	120.9	119.1	117.4	114.8	111.4	107.6	104.2
-65°	82.3	82.8	83.2	83.3	83.2	82.8	82.3	81.5	80.3	79.8	79.2
-67.5°	68.1	68.8	68.9	68.8	68.9	68.8	68.1	67.2	66.1	64.7	63.2
-70°	54.3	55.0	54.7	53.9	54.7	55.0	54.3	53.7	53.5	53.3	52.3
-72.5°	30.9	26.1	22.8	19.5	22.8	26.1	30.9	35.6	40.2	43.5	43.0
-75°	20.9	15.3	15.0	15.0	15.0	15.3	20.9	26.4	31.7	35.8	35.4
-77.5°	16.0	11.6	11.2	11.0	11.2	11.6	16.0	20.2	24.0	27.1	27.0
-80°	9.5	7.5	7.7	8.0	7.7	7.5	9.5	11.3	13.1	14.8	15.9
-82.5°	5.7	4.5	4.7	5.0	4.7	4.5	5.7	6.8	7.9	8.9	9.4
-85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
85°	2.7	2.6	2.5	2.7	2.9	3.0	3.0	2.7	2.3	2.1	1.8
82.5°	9.8	10.1	10.2	9.6	9.0	8.4	7.8	6.6	5.4	4.3	3.5
80°	16.8	17.7	18.2	17.7	16.9	16.0	14.7	12.0	9.7	7.8	6.5
77.5°	26.9	26.8	26.6	25.7	24.8	24.1	22.7	18.7	14.9	11.4	9.7
75°	35.0	34.7	34.1	32.9	31.6	30.1	28.2	25.5	22.1	17.9	15.0
72.5°	42.4	41.6	40.7	39.4	37.9	36.5	34.7	32.4	29.8	26.7	24.4
70°	51.2	50.0	48.7	47.2	45.7	44.1	42.3	40.1	37.3	34.3	32.6
67.5°	61.5	59.6	58.0	55.8	53.9	51.9	50.9	49.0	46.5	43.4	41.3
65°	77.1	73.4	71.0	70.9	69.0	65.3	61.5	59.6	57.6	54.1	50.5
62.5°	101.5	99.6	94.6	90.0	86.7	84.1	79.2	74.0	70.0	66.5	61.8
60°	132.9	120.6	115.5	109.9	103.7	97.5	93.4	88.3	82.4	77.6	72.8
57.5°	197.8	173.8	159.7	144.1	127.1	117.7	110.9	103.0	96.3	89.7	83.6
55°	331.5	296.7	259.6	216.7	176.6	158.7	138.8	123.2	113.5	102.4	95.1
52.5°	488.4	446.5	399.9	348.6	296.5	241.1	186.4	163.2	136.6	120.1	107.9
50°	633.9	590.3	544.3	494.0	431.8	364.4	298.5	232.7	179.1	148.4	124.0
47.5°	771.7	724.1	673.1	618.8	561.5	497.7	420.6	339.7	263.6	187.2	153.9
45°	905.5	854.2	797.0	738.0	676.5	611.1	542.1	459.1	367.6	279.8	189.1
42.5°	1049.9	988.0	923.9	857.8	787.5	717.9	644.9	567.0	479.2	378.3	280.2
40°	1203.2	1134.6	1061.4	983.0	904.9	822.2	743.5	661.7	576.2	480.9	370.2
37.5°	1360.4	1281.6	1202.0	1115.6	1026.6	935.8	843.9	753.7	662.5	569.4	462.2
35°	1523.7	1436.7	1344.6	1250.3	1149.9	1051.1	949.8	847.4	747.6	648.2	545.7
32.5°	1688.6	1593.2	1490.0	1385.6	1277.0	1165.8	1056.0	944.8	830.7	724.8	617.5
30°	1854.9	1749.1	1636.7	1517.5	1399.2	1280.2	1159.3	1037.4	915.2	797.5	686.4
27.5°	2018.1	1903.2	1780.9	1651.3	1516.1	1388.4	1258.5	1126.3	994.8	869.5	750.1
25°	2179.1	2053.2	1917.6	1778.9	1637.0	1488.3	1350.3	1211.3	1072.9	936.7	807.8
22.5°	2339.4	2198.5	2049.4	1896.4	1747.6	1590.9	1436.9	1289.4	1145.0	1000.6	864.2
20°	2493.0	2337.8	2176.9	2011.3	1846.6	1685.1	1519.4	1362.5	1210.0	1060.5	916.6
17.5°	2628.6	2464.2	2295.1	2116.2	1940.3	1768.8	1597.3	1429.4	1268.9	1112.5	964.1
15°	2753.9	2579.4	2399.6	2212.5	2025.5	1841.8	1664.6	1488.4	1321.6	1158.7	1006.2
12.5°	2867.6	2682.7	2494.1	2296.9	2100.7	1906.4	1721.8	1541.5	1367.7	1200.0	1041.8
10°	2960.5	2768.2	2572.3	2370.0	2165.7	1962.7	1769.3	1584.4	1404.9	1232.8	1071.4
7.5°	3036.0	2835.4	2632.0	2427.9	2217.4	2009.7	1808.8	1616.7	1433.9	1256.8	1094.7
5°	3094.9	2888.3	2677.7	2470.4	2254.7	2042.6	1838.4	1638.5	1454.2	1272.2	1111.4
2.5°	3135.3	2924.3	2706.1	2496.1	2278.9	2063.1	1860.4	1655.4	1468.7	1288.4	1126.1
0°	3159.8	2951.3	2727.3	2513.8	2300.9	2074.4	1875.4	1666.9	1474.9	1298.8	1133.7
-2.5°	3135.3	2924.3	2706.1	2496.1	2278.9	2063.1	1860.4	1655.4	1468.7	1288.4	1126.1
-5°	3094.9	2888.3	2677.7	2470.4	2254.7	2042.6	1838.4	1638.5	1454.2	1272.2	1111.4
-7.5°	3036.0	2835.4	2632.0	2427.9	2217.4	2009.7	1808.8	1616.7	1433.9	1256.8	1094.7
-10°	2960.5	2768.2	2572.3	2370.0	2165.7	1962.7	1769.3	1584.4	1404.9	1232.8	1071.4
-12.5°	2867.6	2682.7	2494.1	2296.9	2100.7	1906.4	1721.8	1541.5	1367.7	1200.0	1041.8
-15°	2753.9	2579.4	2399.6	2212.5	2025.5	1841.8	1664.6	1488.4	1321.6	1158.7	1006.2
-17.5°	2628.6	2464.2	2295.1	2116.2	1940.3	1768.8	1597.3	1429.4	1268.9	1112.5	964.1
-20°	2493.0	2337.8	2176.9	2011.3	1846.6	1685.1	1519.4	1362.5	1210.0	1060.5	916.6



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2339.4	2198.5	2049.4	1896.4	1747.6	1590.9	1436.9	1289.4	1145.0	1000.6	864.2
-25°	2179.1	2053.2	1917.6	1778.9	1637.0	1488.3	1350.3	1211.3	1072.9	936.7	807.8
-27.5°	2018.1	1903.2	1780.9	1651.3	1516.1	1388.4	1258.5	1126.3	994.8	869.5	750.1
-30°	1854.9	1749.1	1636.7	1517.5	1399.2	1280.2	1159.3	1037.4	915.2	797.5	686.4
-32.5°	1688.6	1593.2	1490.0	1385.6	1277.0	1165.8	1056.0	944.8	830.7	724.8	617.5
-35°	1523.7	1436.7	1344.6	1250.3	1149.9	1051.1	949.8	847.4	747.6	648.2	545.7
-37.5°	1360.4	1281.6	1202.0	1115.6	1026.6	935.8	843.9	753.7	662.5	569.4	462.2
-40°	1203.2	1134.6	1061.4	983.0	904.9	822.2	743.5	661.7	576.2	480.9	370.2
-42.5°	1049.9	988.0	923.9	857.8	787.5	717.9	644.9	567.0	479.2	378.3	280.2
-45°	905.5	854.2	797.0	738.0	676.5	611.1	542.1	459.1	367.6	279.8	189.1
-47.5°	771.7	724.1	673.1	618.8	561.5	497.7	420.6	339.7	263.6	187.2	153.9
-50°	633.9	590.3	544.3	494.0	431.8	364.4	298.5	232.7	179.1	148.4	124.0
-52.5°	488.4	446.5	399.9	348.6	296.5	241.1	186.4	163.2	136.6	120.1	107.9
-55°	331.5	296.7	259.6	216.7	176.6	158.7	138.8	123.2	113.5	102.4	95.1
-57.5°	197.8	173.8	159.7	144.1	127.1	117.7	110.9	103.0	96.3	89.7	83.6
-60°	132.9	120.6	115.5	109.9	103.7	97.5	93.4	88.3	82.4	77.6	72.8
-62.5°	101.5	99.6	94.6	90.0	86.7	84.1	79.2	74.0	70.0	66.5	61.8
-65°	77.1	73.4	71.0	70.9	69.0	65.3	61.5	59.6	57.6	54.1	50.5
-67.5°	61.5	59.6	58.0	55.8	53.9	51.9	50.9	49.0	46.5	43.4	41.3
-70°	51.2	50.0	48.7	47.2	45.7	44.1	42.3	40.1	37.3	34.3	32.6
-72.5°	42.4	41.6	40.7	39.4	37.9	36.5	34.7	32.4	29.8	26.7	24.4
-75°	35.0	34.7	34.1	32.9	31.6	30.1	28.2	25.5	22.1	17.9	15.0
-77.5°	26.9	26.8	26.6	25.7	24.8	24.1	22.7	18.7	14.9	11.4	9.7
-80°	16.8	17.7	18.2	17.7	16.9	16.0	14.7	12.0	9.7	7.8	6.5
-82.5°	9.8	10.1	10.2	9.6	9.0	8.4	7.8	6.6	5.4	4.3	3.5
-85°	2.7	2.6	2.5	2.7	2.9	3.0	3.0	2.7	2.3	2.1	1.8
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
82.5°	3.5	3.6	3.6	3.5	3.5	3.4	3.2	2.8	2.2	1.6	1.3
80°	7.3	7.8	7.8	7.3	6.4	5.5	5.3	4.9	4.0	3.2	2.4
77.5°	11.2	12.3	12.9	12.7	11.3	10.0	8.7	7.3	5.9	4.8	3.8
75°	15.3	16.7	17.8	17.8	16.3	14.4	12.6	10.8	8.7	6.5	5.1
72.5°	23.1	22.6	22.8	22.9	21.6	19.7	17.2	14.3	11.8	9.3	6.7
70°	31.0	29.0	27.6	27.3	26.7	25.3	22.8	19.0	14.9	12.0	9.1
67.5°	39.4	37.3	34.7	32.3	31.5	30.2	28.3	23.8	19.0	14.8	11.5
65°	47.9	45.5	43.0	39.6	37.0	35.2	33.2	28.4	23.0	18.1	13.9
62.5°	57.3	53.3	50.0	46.4	42.8	40.2	38.1	32.8	26.9	21.3	16.4
60°	67.5	62.4	57.2	52.8	48.6	44.8	41.8	37.3	31.1	24.3	18.9
57.5°	77.9	71.6	65.1	59.3	54.4	49.7	45.4	41.0	35.3	28.0	21.1
55°	88.3	81.3	73.1	66.0	60.1	54.9	49.3	44.4	39.3	31.9	22.9
52.5°	98.4	90.5	81.6	72.8	65.7	59.8	53.5	47.8	42.4	35.7	25.5
50°	110.7	99.2	89.9	80.4	71.1	64.3	57.6	51.3	45.5	39.3	27.9
47.5°	125.0	110.4	98.1	87.8	77.8	68.7	61.6	54.7	48.5	42.0	30.0
45°	153.5	123.2	107.7	95.4	84.1	74.0	65.5	57.8	51.3	43.2	31.8
42.5°	185.9	147.0	119.1	102.9	90.8	79.3	69.4	61.2	53.9	44.0	32.8
40°	264.1	176.6	134.3	112.9	97.6	84.3	73.8	64.6	56.1	44.4	33.2
37.5°	344.5	231.8	161.1	122.7	104.8	90.3	77.9	67.9	57.0	44.9	33.3
35°	426.0	303.8	187.3	140.3	113.5	96.2	81.7	71.1	59.1	45.4	33.1
32.5°	503.4	373.4	247.5	163.5	121.8	101.9	86.2	74.4	61.7	45.8	32.7
30°	569.8	441.0	307.1	185.8	133.4	108.9	91.1	77.5	64.9	46.3	32.2
27.5°	630.3	504.1	363.1	228.8	152.6	115.7	95.8	80.4	68.5	47.4	32.3
25°	685.8	557.9	417.2	276.1	170.5	122.2	100.0	83.2	71.4	49.9	32.3
22.5°	734.9	605.9	466.7	319.1	186.8	128.5	104.5	86.7	73.5	52.5	32.2
20°	778.9	649.5	511.7	358.8	213.4	142.0	109.5	89.8	75.5	55.1	32.0
17.5°	818.5	687.3	549.6	396.5	245.3	153.8	114.0	92.5	77.3	57.8	31.7
15°	857.2	719.5	581.7	429.8	273.4	164.1	118.0	94.8	78.9	60.4	31.6
12.5°	889.7	747.0	608.8	458.6	297.6	172.8	121.5	96.8	80.3	62.7	31.4
10°	915.8	769.7	630.8	482.7	317.7	179.9	124.5	98.3	81.3	64.7	30.7
7.5°	935.4	787.4	647.8	502.0	333.6	185.7	126.5	99.1	82.1	66.2	29.8
5°	949.6	800.8	660.2	516.2	345.1	190.5	127.7	99.5	82.8	67.3	28.5
2.5°	961.3	810.2	667.9	525.3	352.1	193.8	128.3	99.6	83.2	67.8	27.0
0°	967.1	814.5	670.9	529.2	354.6	195.5	128.2	99.3	83.3	67.8	25.4
-2.5°	961.3	810.2	667.9	525.3	352.1	193.8	128.3	99.6	83.2	67.8	27.0
-5°	949.6	800.8	660.2	516.2	345.1	190.5	127.7	99.5	82.8	67.3	28.5
-7.5°	935.4	787.4	647.8	502.0	333.6	185.7	126.5	99.1	82.1	66.2	29.8
-10°	915.8	769.7	630.8	482.7	317.7	179.9	124.5	98.3	81.3	64.7	30.7
-12.5°	889.7	747.0	608.8	458.6	297.6	172.8	121.5	96.8	80.3	62.7	31.4
-15°	857.2	719.5	581.7	429.8	273.4	164.1	118.0	94.8	78.9	60.4	31.6
-17.5°	818.5	687.3	549.6	396.5	245.3	153.8	114.0	92.5	77.3	57.8	31.7
-20°	778.9	649.5	511.7	358.8	213.4	142.0	109.5	89.8	75.5	55.1	32.0



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	734.9	605.9	466.7	319.1	186.8	128.5	104.5	86.7	73.5	52.5	32.2
-25°	685.8	557.9	417.2	276.1	170.5	122.2	100.0	83.2	71.4	49.9	32.3
-27.5°	630.3	504.1	363.1	228.8	152.6	115.7	95.8	80.4	68.5	47.4	32.3
-30°	569.8	441.0	307.1	185.8	133.4	108.9	91.1	77.5	64.9	46.3	32.2
-32.5°	503.4	373.4	247.5	163.5	121.8	101.9	86.2	74.4	61.7	45.8	32.7
-35°	426.0	303.8	187.3	140.3	113.5	96.2	81.7	71.1	59.1	45.4	33.1
-37.5°	344.5	231.8	161.1	122.7	104.8	90.3	77.9	67.9	57.0	44.9	33.3
-40°	264.1	176.6	134.3	112.9	97.6	84.3	73.8	64.6	56.1	44.4	33.2
-42.5°	185.9	147.0	119.1	102.9	90.8	79.3	69.4	61.2	53.9	44.0	32.8
-45°	153.5	123.2	107.7	95.4	84.1	74.0	65.5	57.8	51.3	43.2	31.8
-47.5°	125.0	110.4	98.1	87.8	77.8	68.7	61.6	54.7	48.5	42.0	30.0
-50°	110.7	99.2	89.9	80.4	71.1	64.3	57.6	51.3	45.5	39.3	27.9
-52.5°	98.4	90.5	81.6	72.8	65.7	59.8	53.5	47.8	42.4	35.7	25.5
-55°	88.3	81.3	73.1	66.0	60.1	54.9	49.3	44.4	39.3	31.9	22.9
-57.5°	77.9	71.6	65.1	59.3	54.4	49.7	45.4	41.0	35.3	28.0	21.1
-60°	67.5	62.4	57.2	52.8	48.6	44.8	41.8	37.3	31.1	24.3	18.9
-62.5°	57.3	53.3	50.0	46.4	42.8	40.2	38.1	32.8	26.9	21.3	16.4
-65°	47.9	45.5	43.0	39.6	37.0	35.2	33.2	28.4	23.0	18.1	13.9
-67.5°	39.4	37.3	34.7	32.3	31.5	30.2	28.3	23.8	19.0	14.8	11.5
-70°	31.0	29.0	27.6	27.3	26.7	25.3	22.8	19.0	14.9	12.0	9.1
-72.5°	23.1	22.6	22.8	22.9	21.6	19.7	17.2	14.3	11.8	9.3	6.7
-75°	15.3	16.7	17.8	17.8	16.3	14.4	12.6	10.8	8.7	6.5	5.1
-77.5°	11.2	12.3	12.9	12.7	11.3	10.0	8.7	7.3	5.9	4.8	3.8
-80°	7.3	7.8	7.8	7.3	6.4	5.5	5.3	4.9	4.0	3.2	2.4
-82.5°	3.5	3.6	3.6	3.5	3.5	3.4	3.2	2.8	2.2	1.6	1.3
-85°	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
75°	3.8	2.6	1.6	1.2	0.8	0.4	0.0
72.5°	4.9	3.3	2.1	1.3	0.9	0.5	0.0
70°	6.0	4.1	2.6	1.6	1.0	0.5	0.0
67.5°	7.9	4.8	3.1	1.9	1.1	0.6	0.0
65°	9.6	5.7	3.6	2.1	1.3	0.6	0.0
62.5°	11.2	6.8	4.0	2.4	1.4	0.7	0.0
60°	12.7	7.9	4.4	2.7	1.5	0.7	0.0
57.5°	14.1	8.8	5.0	2.9	1.6	0.8	0.0
55°	15.4	9.7	5.6	3.1	1.8	0.9	0.0
52.5°	16.5	10.4	6.1	3.3	1.9	0.9	0.0
50°	17.5	11.1	6.5	3.5	2.1	1.0	0.0
47.5°	18.3	11.6	6.8	3.7	2.2	1.0	0.0
45°	19.8	12.0	7.1	3.9	2.3	1.1	0.0
42.5°	21.1	12.3	7.3	4.1	2.4	1.1	0.0
40°	22.1	12.4	7.4	4.2	2.6	1.1	0.0
37.5°	22.8	12.4	7.5	4.4	2.7	1.2	0.0
35°	23.3	12.7	7.5	4.6	2.8	1.2	0.0
32.5°	23.4	13.1	7.4	4.8	2.9	1.3	0.0
30°	23.0	13.2	7.2	5.0	3.0	1.3	0.0
27.5°	22.3	13.3	7.4	5.1	3.0	1.3	0.0
25°	21.5	13.1	7.6	5.3	3.1	1.4	0.0
22.5°	20.5	13.1	7.8	5.4	3.2	1.4	0.0
20°	19.4	13.7	8.0	5.5	3.3	1.4	0.0
17.5°	19.2	14.3	8.2	5.7	3.3	1.4	0.0
15°	19.6	14.7	8.4	5.7	3.4	1.4	0.0
12.5°	19.9	15.1	8.5	5.8	3.4	1.5	0.0
10°	20.2	15.4	8.7	5.9	3.4	1.5	0.0
7.5°	20.5	15.7	8.8	5.9	3.5	1.5	0.0
5°	20.7	15.9	8.9	6.0	3.5	1.5	0.0
2.5°	20.8	16.0	8.9	6.0	3.5	1.5	0.0
0°	20.9	16.0	9.0	6.0	3.5	1.5	0.0
-2.5°	20.8	16.0	8.9	6.0	3.5	1.5	0.0
-5°	20.7	15.9	8.9	6.0	3.5	1.5	0.0
-7.5°	20.5	15.7	8.8	5.9	3.5	1.5	0.0
-10°	20.2	15.4	8.7	5.9	3.4	1.5	0.0
-12.5°	19.9	15.1	8.5	5.8	3.4	1.5	0.0
-15°	19.6	14.7	8.4	5.7	3.4	1.4	0.0
-17.5°	19.2	14.3	8.2	5.7	3.3	1.4	0.0
-20°	19.4	13.7	8.0	5.5	3.3	1.4	0.0



REPORT NUMBER: P558579 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.5	13.1	7.8	5.4	3.2	1.4	0.0
-25°	21.5	13.1	7.6	5.3	3.1	1.4	0.0
-27.5°	22.3	13.3	7.4	5.1	3.0	1.3	0.0
-30°	23.0	13.2	7.2	5.0	3.0	1.3	0.0
-32.5°	23.4	13.1	7.4	4.8	2.9	1.3	0.0
-35°	23.3	12.7	7.5	4.6	2.8	1.2	0.0
-37.5°	22.8	12.4	7.5	4.4	2.7	1.2	0.0
-40°	22.1	12.4	7.4	4.2	2.6	1.1	0.0
-42.5°	21.1	12.3	7.3	4.1	2.4	1.1	0.0
-45°	19.8	12.0	7.1	3.9	2.3	1.1	0.0
-47.5°	18.3	11.6	6.8	3.7	2.2	1.0	0.0
-50°	17.5	11.1	6.5	3.5	2.1	1.0	0.0
-52.5°	16.5	10.4	6.1	3.3	1.9	0.9	0.0
-55°	15.4	9.7	5.6	3.1	1.8	0.9	0.0
-57.5°	14.1	8.8	5.0	2.9	1.6	0.8	0.0
-60°	12.7	7.9	4.4	2.7	1.5	0.7	0.0
-62.5°	11.2	6.8	4.0	2.4	1.4	0.7	0.0
-65°	9.6	5.7	3.6	2.1	1.3	0.6	0.0
-67.5°	7.9	4.8	3.1	1.9	1.1	0.6	0.0
-70°	6.0	4.1	2.6	1.6	1.0	0.5	0.0
-72.5°	4.9	3.3	2.1	1.3	0.9	0.5	0.0
-75°	3.8	2.6	1.6	1.2	0.8	0.4	0.0
-77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
-80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)