

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: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-935-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

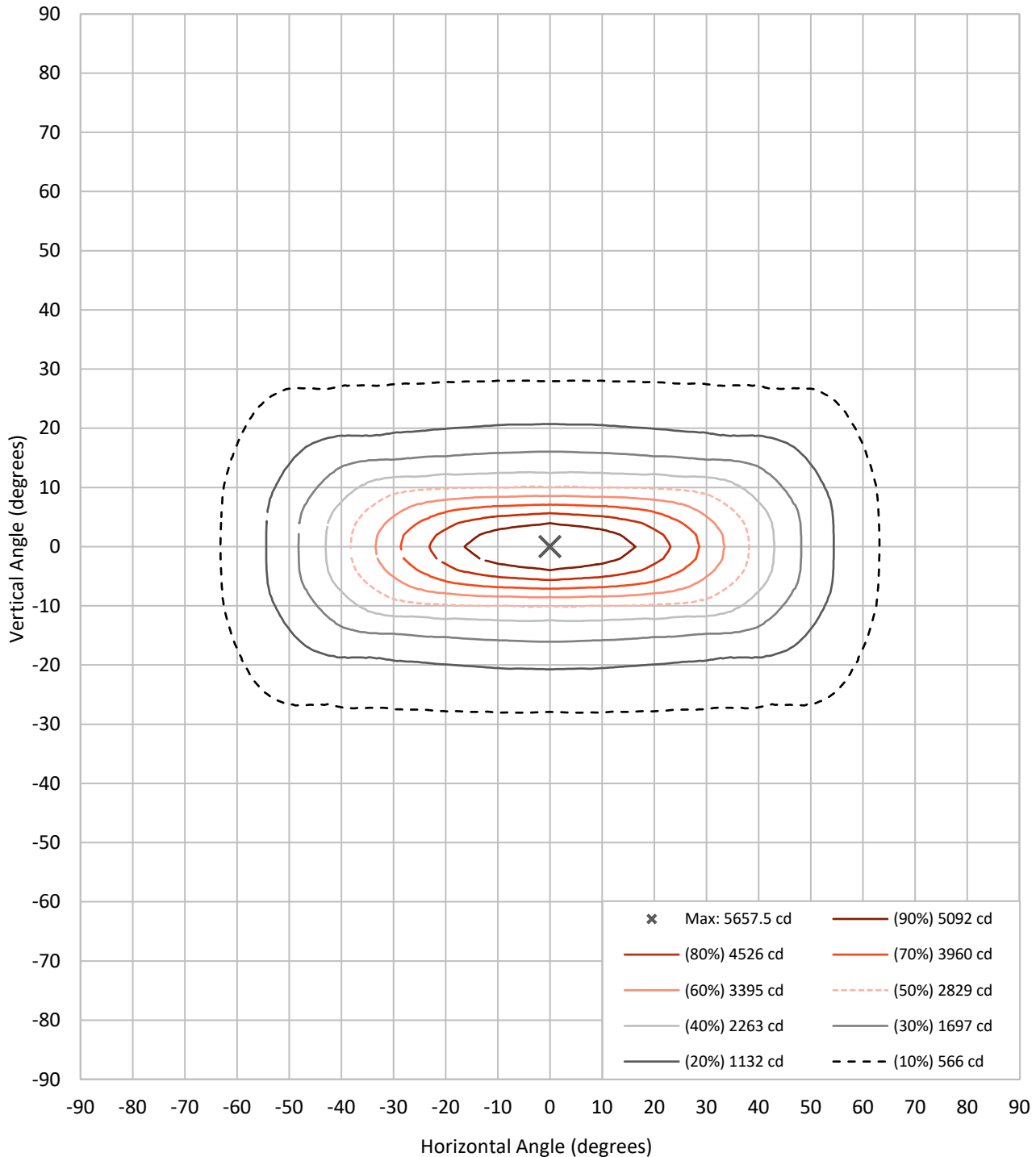
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4051.8 lumens	Max Intensity:	5657.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1621.1 lumens	Field Lumens:	3320.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

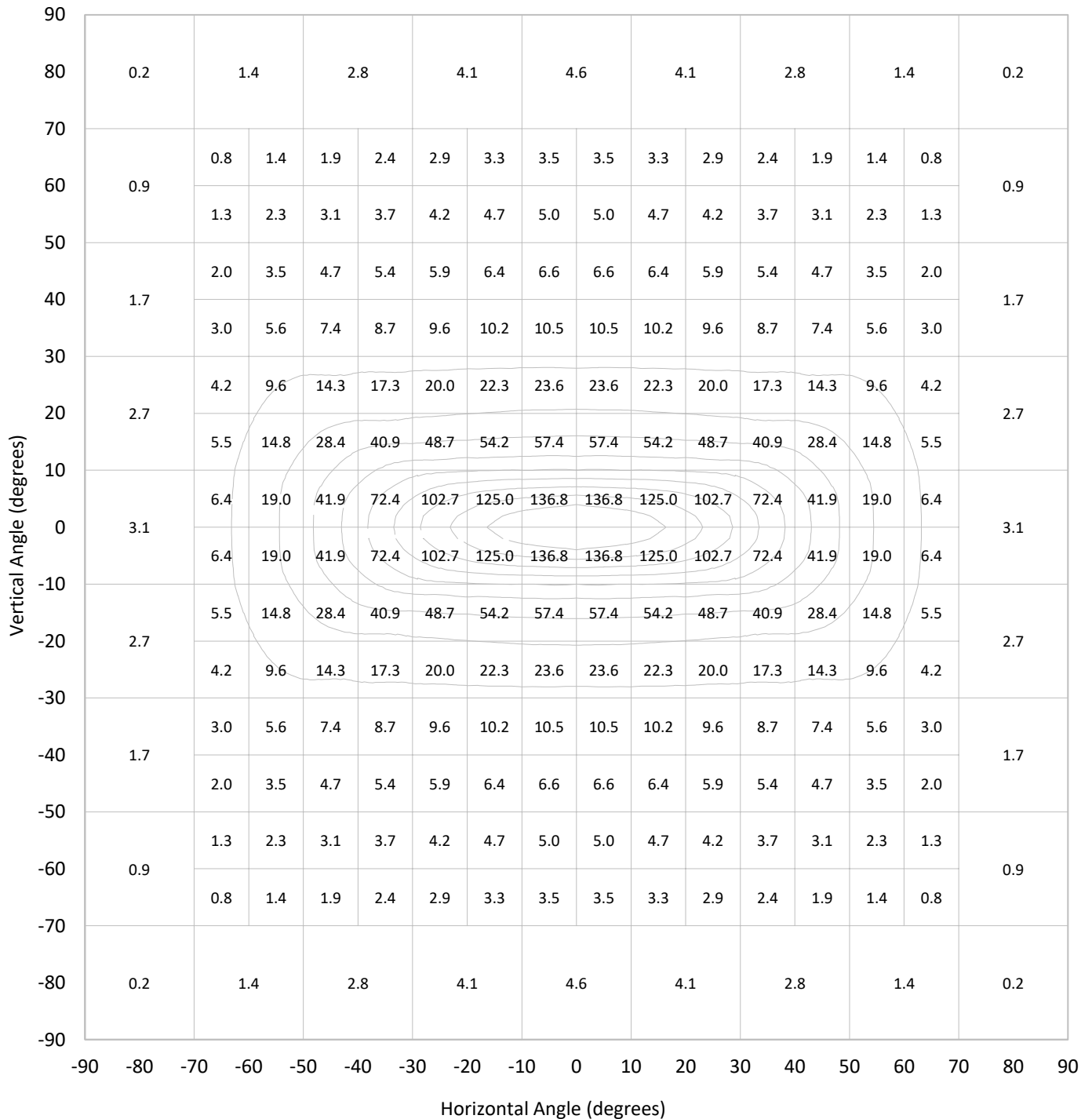
Iso-Candela Plot





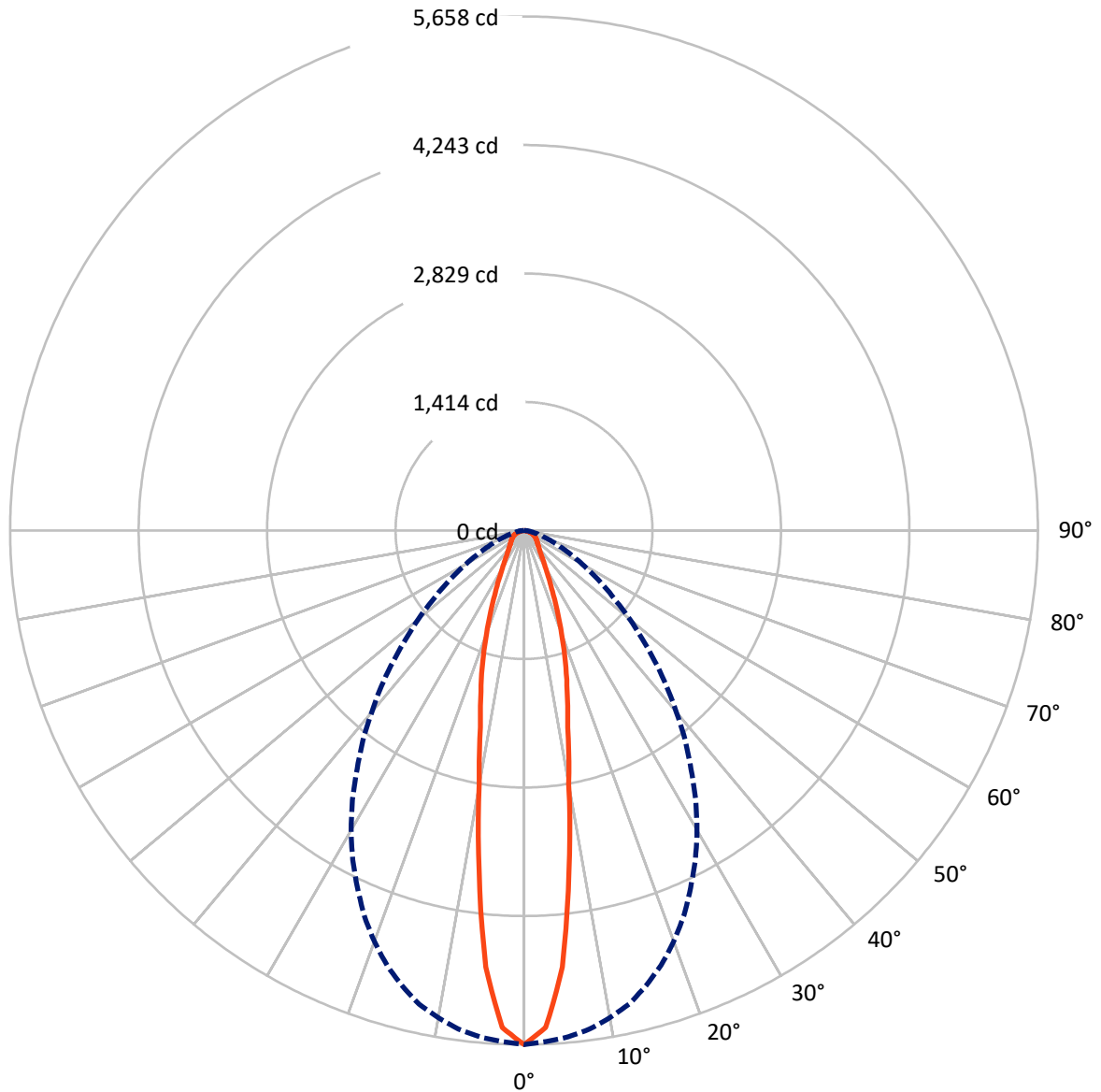
REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

Lumen Table



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

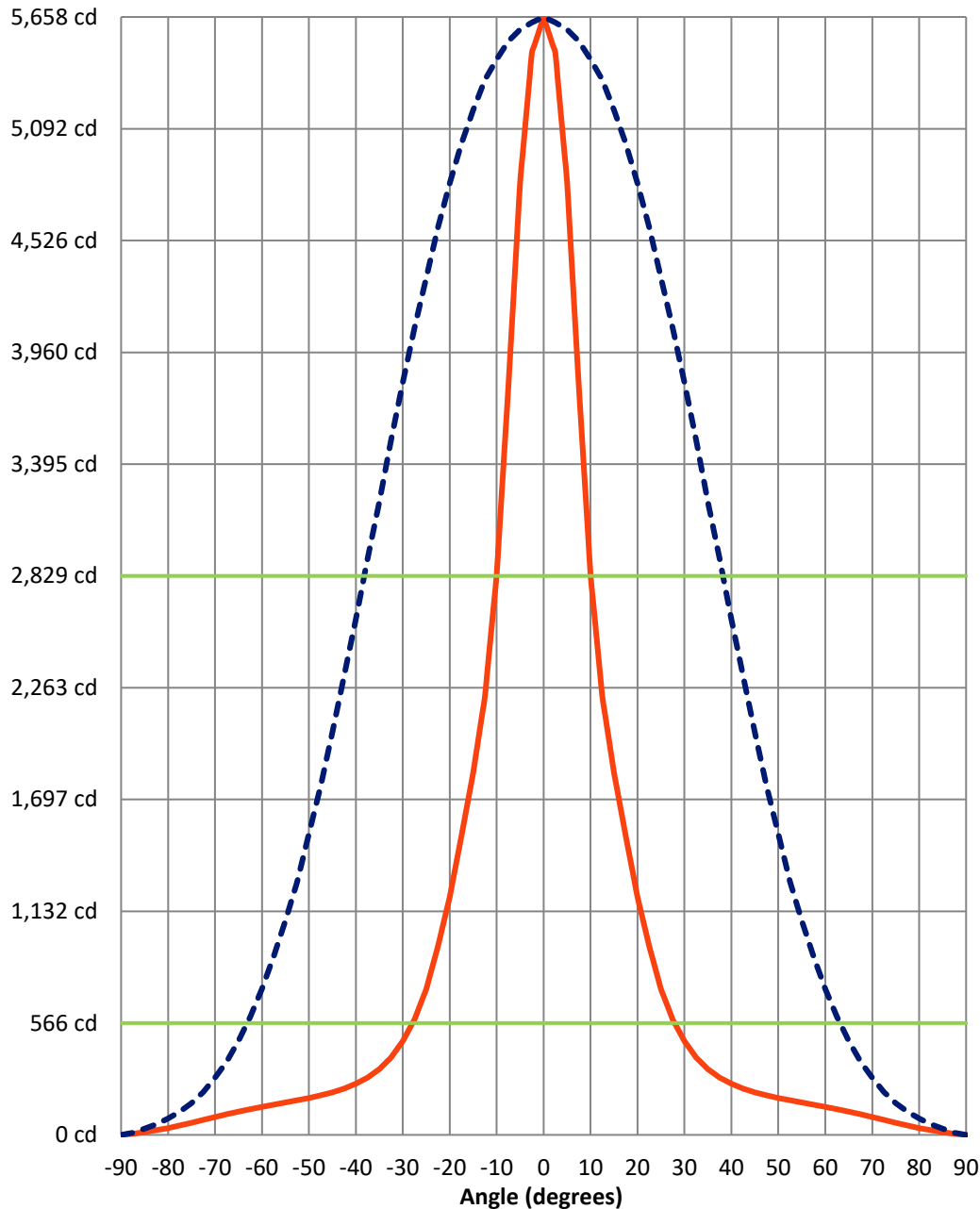
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 1621.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 3320.9
 Efficiency: 82.0%

Spill:
 Lumens: 730.9
 Efficiency: 18.0%

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



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

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	0.5	0.9	1.3	1.7	2.0	2.3	2.6	2.8	3.1	3.3
85°	0.0	0.9	1.9	2.7	3.4	4.0	4.5	5.1	5.7	6.2	6.7
82.5°	0.0	1.4	2.8	4.0	5.1	6.0	6.8	7.7	8.7	10.4	11.9
80°	0.0	1.9	3.7	5.4	6.8	8.0	9.3	11.8	14.1	16.2	18.2
77.5°	0.0	2.3	4.7	6.7	8.4	10.6	13.6	16.7	19.5	22.1	24.6
75°	0.0	2.8	5.6	8.0	10.4	14.4	18.0	21.6	25.0	28.5	31.5
72.5°	0.0	3.2	6.5	9.3	13.5	18.1	22.3	26.7	31.2	35.1	38.4
70°	0.0	3.7	7.4	10.8	16.5	21.8	26.7	32.3	37.3	41.7	45.9
67.5°	0.0	4.1	8.3	13.2	19.6	25.5	31.8	37.9	43.5	49.2	53.8
65°	0.0	4.6	9.1	15.5	22.6	29.5	36.8	43.5	50.6	56.7	62.2
62.5°	0.0	5.0	10.0	17.7	25.5	33.8	41.9	49.8	57.7	64.6	71.7
60°	0.0	5.4	10.8	20.0	28.5	38.1	46.8	56.3	64.8	73.6	81.3
57.5°	0.0	5.8	12.3	22.2	31.9	42.4	52.5	62.8	72.9	82.6	91.7
55°	0.0	6.2	13.7	24.3	35.3	46.6	58.1	69.3	81.1	91.9	102.7
52.5°	0.0	6.6	15.1	26.4	38.7	50.8	63.7	76.6	89.3	102.5	113.9
50°	0.0	6.9	16.4	28.5	42.0	55.4	69.2	84.0	97.9	113.2	127.3
47.5°	0.0	7.3	17.7	30.6	45.3	60.0	74.8	91.5	107.8	124.1	141.4
45°	0.0	7.6	19.0	33.0	48.4	64.4	81.2	98.9	117.9	137.4	156.1
42.5°	0.0	8.0	20.2	35.3	51.5	68.7	87.6	107.2	128.0	151.1	172.7
40°	0.0	8.3	21.4	37.4	54.7	72.9	94.0	116.0	138.8	165.0	190.2
37.5°	0.0	8.6	22.5	39.4	57.9	77.0	100.2	124.6	151.1	179.6	208.3
35°	0.0	8.8	23.6	41.3	61.0	81.6	106.4	133.1	163.3	195.7	227.9
32.5°	0.0	9.1	24.6	43.1	63.9	86.4	112.7	141.5	175.5	212.0	249.4
30°	0.0	9.4	25.5	44.7	66.8	91.1	119.5	150.1	187.5	228.5	271.4
27.5°	0.0	9.6	26.4	46.2	69.1	95.6	126.0	159.9	200.0	245.0	293.9
25°	0.0	9.8	27.2	47.5	71.3	100.0	132.2	169.4	213.5	263.0	316.6
22.5°	0.0	10.0	28.0	48.7	73.3	103.8	138.2	178.5	226.8	281.7	341.5
20°	0.0	10.1	28.7	49.8	75.1	106.8	143.9	187.3	239.7	300.0	366.2
17.5°	0.0	10.3	29.3	50.8	76.8	109.3	148.2	195.7	252.2	318.0	390.5
15°	0.0	10.4	29.9	51.6	78.3	111.6	151.4	202.3	264.2	335.4	414.2
12.5°	0.0	10.5	30.3	52.2	79.6	113.4	154.2	206.5	272.7	352.0	437.0
10°	0.0	10.6	30.7	52.8	80.7	114.9	156.5	210.1	278.2	359.9	454.8
7.5°	0.0	10.7	31.1	53.2	81.6	116.1	158.2	212.9	282.7	365.1	462.9
5°	0.0	10.8	31.3	53.4	82.3	116.9	159.6	214.9	286.0	368.6	469.2
2.5°	0.0	10.8	31.5	53.6	82.7	117.4	160.4	216.2	288.3	370.6	473.5
0°	0.0	10.8	31.6	53.6	83.0	117.5	160.7	216.7	289.4	371.1	475.8
-2.5°	0.0	10.8	31.5	53.6	82.7	117.4	160.4	216.2	288.3	370.6	473.5
-5°	0.0	10.8	31.3	53.4	82.3	116.9	159.6	214.9	286.0	368.6	469.2
-7.5°	0.0	10.7	31.1	53.2	81.6	116.1	158.2	212.9	282.7	365.1	462.9
-10°	0.0	10.6	30.7	52.8	80.7	114.9	156.5	210.1	278.2	359.9	454.8
-12.5°	0.0	10.5	30.3	52.2	79.6	113.4	154.2	206.5	272.7	352.0	437.0
-15°	0.0	10.4	29.9	51.6	78.3	111.6	151.4	202.3	264.2	335.4	414.2
-17.5°	0.0	10.3	29.3	50.8	76.8	109.3	148.2	195.7	252.2	318.0	390.5
-20°	0.0	10.1	28.7	49.8	75.1	106.8	143.9	187.3	239.7	300.0	366.2



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.0	28.0	48.7	73.3	103.8	138.2	178.5	226.8	281.7	341.5
-25°	0.0	9.8	27.2	47.5	71.3	100.0	132.2	169.4	213.5	263.0	316.6
-27.5°	0.0	9.6	26.4	46.2	69.1	95.6	126.0	159.9	200.0	245.0	293.9
-30°	0.0	9.4	25.5	44.7	66.8	91.1	119.5	150.1	187.5	228.5	271.4
-32.5°	0.0	9.1	24.6	43.1	63.9	86.4	112.7	141.5	175.5	212.0	249.4
-35°	0.0	8.8	23.6	41.3	61.0	81.6	106.4	133.1	163.3	195.7	227.9
-37.5°	0.0	8.6	22.5	39.4	57.9	77.0	100.2	124.6	151.1	179.6	208.3
-40°	0.0	8.3	21.4	37.4	54.7	72.9	94.0	116.0	138.8	165.0	190.2
-42.5°	0.0	8.0	20.2	35.3	51.5	68.7	87.6	107.2	128.0	151.1	172.7
-45°	0.0	7.6	19.0	33.0	48.4	64.4	81.2	98.9	117.9	137.4	156.1
-47.5°	0.0	7.3	17.7	30.6	45.3	60.0	74.8	91.5	107.8	124.1	141.4
-50°	0.0	6.9	16.4	28.5	42.0	55.4	69.2	84.0	97.9	113.2	127.3
-52.5°	0.0	6.6	15.1	26.4	38.7	50.8	63.7	76.6	89.3	102.5	113.9
-55°	0.0	6.2	13.7	24.3	35.3	46.6	58.1	69.3	81.1	91.9	102.7
-57.5°	0.0	5.8	12.3	22.2	31.9	42.4	52.5	62.8	72.9	82.6	91.7
-60°	0.0	5.4	10.8	20.0	28.5	38.1	46.8	56.3	64.8	73.6	81.3
-62.5°	0.0	5.0	10.0	17.7	25.5	33.8	41.9	49.8	57.7	64.6	71.7
-65°	0.0	4.6	9.1	15.5	22.6	29.5	36.8	43.5	50.6	56.7	62.2
-67.5°	0.0	4.1	8.3	13.2	19.6	25.5	31.8	37.9	43.5	49.2	53.8
-70°	0.0	3.7	7.4	10.8	16.5	21.8	26.7	32.3	37.3	41.7	45.9
-72.5°	0.0	3.2	6.5	9.3	13.5	18.1	22.3	26.7	31.2	35.1	38.4
-75°	0.0	2.8	5.6	8.0	10.4	14.4	18.0	21.6	25.0	28.5	31.5
-77.5°	0.0	2.3	4.7	6.7	8.4	10.6	13.6	16.7	19.5	22.1	24.6
-80°	0.0	1.9	3.7	5.4	6.8	8.0	9.3	11.8	14.1	16.2	18.2
-82.5°	0.0	1.4	2.8	4.0	5.1	6.0	6.8	7.7	8.7	10.4	11.9
-85°	0.0	0.9	1.9	2.7	3.4	4.0	4.5	5.1	5.7	6.2	6.7
-87.5°	0.0	0.5	0.9	1.3	1.7	2.0	2.3	2.6	2.8	3.1	3.3
-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: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.6
85°	7.2	7.7	8.5	9.2	9.8	10.4	10.8	11.2	11.6	11.9	12.2
82.5°	13.2	14.3	15.2	15.9	16.6	17.3	17.9	18.3	18.9	19.4	19.8
80°	19.7	21.0	22.3	23.4	24.5	25.4	25.9	26.1	26.7	27.6	28.4
77.5°	26.8	28.7	30.3	31.8	33.0	34.0	34.8	35.2	36.3	37.5	38.5
75°	34.0	36.4	38.7	40.7	42.4	43.6	44.4	45.1	46.4	48.0	49.3
72.5°	41.6	44.8	47.5	49.9	52.1	53.7	54.9	55.7	57.0	58.9	60.4
70°	49.6	53.2	57.0	60.0	62.3	64.3	65.9	67.0	68.1	70.0	71.4
67.5°	57.9	63.0	67.2	70.4	73.0	75.4	77.2	78.4	78.9	80.8	82.4
65°	67.7	73.1	77.7	81.4	84.0	86.9	88.9	89.9	90.3	92.3	94.3
62.5°	77.6	83.6	88.7	92.9	96.2	99.0	101.3	102.6	102.8	104.3	106.6
60°	88.2	94.4	100.4	105.4	109.0	111.9	114.3	115.7	116.0	116.6	119.2
57.5°	99.2	105.9	112.9	118.6	122.7	125.1	127.8	129.4	130.0	129.6	132.2
55°	111.2	118.2	126.1	132.7	137.1	139.3	141.9	144.0	144.8	144.2	145.8
52.5°	124.8	131.7	140.2	147.4	152.4	155.1	156.8	159.4	160.6	160.0	159.8
50°	139.1	147.8	154.9	163.1	169.1	172.6	172.6	175.8	177.4	176.9	174.8
47.5°	155.3	165.2	170.5	179.9	187.7	191.8	192.0	193.3	195.3	195.8	193.9
45°	172.8	184.8	190.5	198.9	207.7	212.6	214.1	211.8	215.3	216.3	215.2
42.5°	191.3	206.6	215.5	218.9	229.1	236.0	238.7	237.0	236.8	239.2	239.2
40°	212.5	230.1	243.6	247.1	252.3	261.8	267.4	267.1	260.8	265.3	266.4
37.5°	235.3	258.1	274.8	282.2	278.3	290.9	299.2	302.5	298.6	294.1	299.2
35°	259.2	288.1	310.5	323.2	323.7	323.5	336.3	343.2	343.7	335.6	337.5
32.5°	286.0	319.9	349.6	370.1	379.3	373.7	377.0	391.4	398.6	395.5	383.9
30°	314.8	356.4	392.8	421.6	442.4	448.5	434.7	446.0	461.7	468.0	462.9
27.5°	343.9	395.1	441.3	481.3	513.4	533.7	534.2	516.7	534.6	549.7	555.6
25°	373.5	433.8	492.7	546.8	595.4	630.4	646.5	648.4	623.5	646.2	667.3
22.5°	405.0	473.6	543.5	616.7	684.4	735.8	774.8	798.4	797.6	773.8	792.4
20°	438.3	517.0	598.4	685.2	777.5	848.1	913.6	963.7	993.8	1003.8	984.3
17.5°	471.6	560.7	656.0	759.4	866.2	964.1	1062.2	1142.1	1205.3	1257.2	1275.8
15°	504.4	604.4	713.8	834.0	957.5	1080.1	1206.2	1328.5	1436.1	1531.1	1587.5
12.5°	536.5	647.4	771.2	908.4	1050.1	1197.6	1348.1	1497.0	1652.1	1806.0	1923.0
10°	567.5	689.3	827.4	981.4	1142.6	1315.1	1489.7	1666.5	1854.9	2036.4	2211.2
7.5°	580.7	716.7	875.7	1052.2	1233.6	1430.8	1629.3	1834.5	2054.6	2266.4	2479.8
5°	588.9	727.6	889.3	1073.1	1274.9	1506.3	1743.1	1997.3	2248.4	2492.4	2743.8
2.5°	594.3	735.0	898.4	1081.4	1281.1	1518.7	1758.4	2022.4	2304.2	2586.2	2885.6
0°	597.0	738.9	902.9	1083.9	1280.3	1522.7	1764.3	2036.7	2322.3	2609.2	2915.5
-2.5°	594.3	735.0	898.4	1081.4	1281.1	1518.7	1758.4	2022.4	2304.2	2586.2	2885.6
-5°	588.9	727.6	889.3	1073.1	1274.9	1506.3	1743.1	1997.3	2248.4	2492.4	2743.8
-7.5°	580.7	716.7	875.7	1052.2	1233.6	1430.8	1629.3	1834.5	2054.6	2266.4	2479.8
-10°	567.5	689.3	827.4	981.4	1142.6	1315.1	1489.7	1666.5	1854.9	2036.4	2211.2
-12.5°	536.5	647.4	771.2	908.4	1050.1	1197.6	1348.1	1497.0	1652.1	1806.0	1923.0
-15°	504.4	604.4	713.8	834.0	957.5	1080.1	1206.2	1328.5	1436.1	1531.1	1587.5
-17.5°	471.6	560.7	656.0	759.4	866.2	964.1	1062.2	1142.1	1205.3	1257.2	1275.8
-20°	438.3	517.0	598.4	685.2	777.5	848.1	913.6	963.7	993.8	1003.8	984.3



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	405.0	473.6	543.5	616.7	684.4	735.8	774.8	798.4	797.6	773.8	792.4
-25°	373.5	433.8	492.7	546.8	595.4	630.4	646.5	648.4	623.5	646.2	667.3
-27.5°	343.9	395.1	441.3	481.3	513.4	533.7	534.2	516.7	534.6	549.7	555.6
-30°	314.8	356.4	392.8	421.6	442.4	448.5	434.7	446.0	461.7	468.0	462.9
-32.5°	286.0	319.9	349.6	370.1	379.3	373.7	377.0	391.4	398.6	395.5	383.9
-35°	259.2	288.1	310.5	323.2	323.7	323.5	336.3	343.2	343.7	335.6	337.5
-37.5°	235.3	258.1	274.8	282.2	278.3	290.9	299.2	302.5	298.6	294.1	299.2
-40°	212.5	230.1	243.6	247.1	252.3	261.8	267.4	267.1	260.8	265.3	266.4
-42.5°	191.3	206.6	215.5	218.9	229.1	236.0	238.7	237.0	236.8	239.2	239.2
-45°	172.8	184.8	190.5	198.9	207.7	212.6	214.1	211.8	215.3	216.3	215.2
-47.5°	155.3	165.2	170.5	179.9	187.7	191.8	192.0	193.3	195.3	195.8	193.9
-50°	139.1	147.8	154.9	163.1	169.1	172.6	172.6	175.8	177.4	176.9	174.8
-52.5°	124.8	131.7	140.2	147.4	152.4	155.1	156.8	159.4	160.6	160.0	159.8
-55°	111.2	118.2	126.1	132.7	137.1	139.3	141.9	144.0	144.8	144.2	145.8
-57.5°	99.2	105.9	112.9	118.6	122.7	125.1	127.8	129.4	130.0	129.6	132.2
-60°	88.2	94.4	100.4	105.4	109.0	111.9	114.3	115.7	116.0	116.6	119.2
-62.5°	77.6	83.6	88.7	92.9	96.2	99.0	101.3	102.6	102.8	104.3	106.6
-65°	67.7	73.1	77.7	81.4	84.0	86.9	88.9	89.9	90.3	92.3	94.3
-67.5°	57.9	63.0	67.2	70.4	73.0	75.4	77.2	78.4	78.9	80.8	82.4
-70°	49.6	53.2	57.0	60.0	62.3	64.3	65.9	67.0	68.1	70.0	71.4
-72.5°	41.6	44.8	47.5	49.9	52.1	53.7	54.9	55.7	57.0	58.9	60.4
-75°	34.0	36.4	38.7	40.7	42.4	43.6	44.4	45.1	46.4	48.0	49.3
-77.5°	26.8	28.7	30.3	31.8	33.0	34.0	34.8	35.2	36.3	37.5	38.5
-80°	19.7	21.0	22.3	23.4	24.5	25.4	25.9	26.1	26.7	27.6	28.4
-82.5°	13.2	14.3	15.2	15.9	16.6	17.3	17.9	18.3	18.9	19.4	19.8
-85°	7.2	7.7	8.5	9.2	9.8	10.4	10.8	11.2	11.6	11.9	12.2
-87.5°	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	5.8	5.7	5.6	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.1
85°	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8	13.9	13.9	13.8
82.5°	20.1	20.8	21.4	22.1	22.7	23.0	23.2	23.4	23.5	23.7	23.8
80°	29.2	30.2	31.1	31.8	32.5	32.9	33.3	33.6	33.8	34.1	34.3
77.5°	39.5	40.6	41.7	42.6	43.4	44.1	44.7	45.2	45.6	46.2	46.7
75°	50.5	51.7	53.0	54.2	55.2	56.3	57.4	58.4	59.3	60.0	60.6
72.5°	61.6	62.9	64.5	66.0	67.4	68.8	70.3	71.6	72.7	73.7	74.6
70°	72.5	73.7	75.8	77.8	79.6	81.4	83.2	84.7	86.1	87.4	88.6
67.5°	83.8	85.0	87.6	89.9	92.0	94.0	96.0	97.8	99.4	100.8	102.0
65°	95.8	97.0	99.7	102.3	104.5	106.3	108.5	110.5	112.2	113.8	115.1
62.5°	108.3	109.5	111.8	114.2	116.3	118.1	120.7	122.9	124.7	126.3	127.6
60°	121.0	122.0	123.7	126.5	128.8	130.7	133.0	135.1	136.9	138.5	139.9
57.5°	134.1	135.1	135.9	138.7	140.9	142.6	144.6	146.8	148.5	150.0	151.4
55°	147.6	148.4	148.1	150.7	152.8	154.2	155.7	158.0	159.7	161.0	162.3
52.5°	161.5	162.5	161.9	162.9	165.2	166.5	167.1	169.5	171.3	172.5	173.7
50°	177.0	177.8	177.2	176.5	178.7	180.1	180.4	182.4	184.1	185.0	185.8
47.5°	193.7	194.6	194.2	191.7	193.7	195.4	195.5	196.3	198.0	198.7	199.2
45°	212.0	213.7	213.3	211.7	211.4	213.1	212.9	212.2	214.2	215.1	215.4
42.5°	235.9	235.3	235.9	234.9	231.9	233.8	234.0	231.6	234.0	235.1	234.5
40°	265.2	259.8	262.8	262.3	259.5	259.1	260.6	258.6	259.0	260.5	259.3
37.5°	300.0	296.2	294.6	295.9	295.1	291.4	294.3	293.6	291.3	293.9	292.7
35°	342.9	341.7	333.1	338.3	339.4	336.0	337.0	338.5	333.5	337.4	337.0
32.5°	392.9	395.5	393.6	390.4	395.3	395.9	390.3	397.1	394.3	395.3	398.0
30°	449.7	462.7	469.1	463.4	466.5	472.5	469.7	474.5	476.7	473.2	479.8
27.5°	548.8	544.2	559.4	566.1	559.0	570.0	578.1	574.5	586.2	579.3	589.2
25°	674.9	668.1	672.2	694.0	698.8	693.3	715.9	718.6	727.9	729.0	735.9
22.5°	822.9	839.3	837.4	844.1	871.5	880.7	889.0	910.8	905.8	925.6	929.0
20°	988.5	1029.7	1058.1	1064.0	1075.7	1107.3	1121.8	1139.0	1150.5	1169.1	1184.9
17.5°	1268.5	1247.4	1303.1	1338.1	1356.4	1363.0	1401.0	1413.4	1441.9	1458.2	1474.4
15°	1628.1	1640.4	1615.3	1648.6	1704.9	1723.9	1702.0	1753.1	1767.4	1794.9	1799.8
12.5°	2012.4	2074.6	2105.2	2113.4	2084.0	2164.1	2196.1	2155.9	2201.6	2193.3	2230.9
10°	2379.1	2530.3	2620.8	2684.4	2723.1	2746.4	2769.5	2811.2	2811.9	2842.7	2824.8
7.5°	2680.2	2871.8	3054.9	3232.5	3374.6	3454.2	3516.7	3576.7	3656.7	3695.1	3720.0
5°	2974.7	3195.8	3414.9	3630.2	3825.2	4012.7	4196.5	4356.0	4440.5	4539.3	4627.3
2.5°	3165.2	3444.9	3724.7	4001.8	4227.1	4433.7	4625.1	4802.8	4958.7	5102.9	5224.7
0°	3202.4	3515.4	3807.3	4083.7	4337.4	4592.7	4815.6	5016.6	5186.3	5339.5	5442.9
-2.5°	3165.2	3444.9	3724.7	4001.8	4227.1	4433.7	4625.1	4802.8	4958.7	5102.9	5224.7
-5°	2974.7	3195.8	3414.9	3630.2	3825.2	4012.7	4196.5	4356.0	4440.5	4539.3	4627.3
-7.5°	2680.2	2871.8	3054.9	3232.5	3374.6	3454.2	3516.7	3576.7	3656.7	3695.1	3720.0
-10°	2379.1	2530.3	2620.8	2684.4	2723.1	2746.4	2769.5	2811.2	2811.9	2842.7	2824.8
-12.5°	2012.4	2074.6	2105.2	2113.4	2084.0	2164.1	2196.1	2155.9	2201.6	2193.3	2230.9
-15°	1628.1	1640.4	1615.3	1648.6	1704.9	1723.9	1702.0	1753.1	1767.4	1794.9	1799.8
-17.5°	1268.5	1247.4	1303.1	1338.1	1356.4	1363.0	1401.0	1413.4	1441.9	1458.2	1474.4
-20°	988.5	1029.7	1058.1	1064.0	1075.7	1107.3	1121.8	1139.0	1150.5	1169.1	1184.9



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	822.9	839.3	837.4	844.1	871.5	880.7	889.0	910.8	905.8	925.6	929.0
-25°	674.9	668.1	672.2	694.0	698.8	693.3	715.9	718.6	727.9	729.0	735.9
-27.5°	548.8	544.2	559.4	566.1	559.0	570.0	578.1	574.5	586.2	579.3	589.2
-30°	449.7	462.7	469.1	463.4	466.5	472.5	469.7	474.5	476.7	473.2	479.8
-32.5°	392.9	395.5	393.6	390.4	395.3	395.9	390.3	397.1	394.3	395.3	398.0
-35°	342.9	341.7	333.1	338.3	339.4	336.0	337.0	338.5	333.5	337.4	337.0
-37.5°	300.0	296.2	294.6	295.9	295.1	291.4	294.3	293.6	291.3	293.9	292.7
-40°	265.2	259.8	262.8	262.3	259.5	259.1	260.6	258.6	259.0	260.5	259.3
-42.5°	235.9	235.3	235.9	234.9	231.9	233.8	234.0	231.6	234.0	235.1	234.5
-45°	212.0	213.7	213.3	211.7	211.4	213.1	212.9	212.2	214.2	215.1	215.4
-47.5°	193.7	194.6	194.2	191.7	193.7	195.4	195.5	196.3	198.0	198.7	199.2
-50°	177.0	177.8	177.2	176.5	178.7	180.1	180.4	182.4	184.1	185.0	185.8
-52.5°	161.5	162.5	161.9	162.9	165.2	166.5	167.1	169.5	171.3	172.5	173.7
-55°	147.6	148.4	148.1	150.7	152.8	154.2	155.7	158.0	159.7	161.0	162.3
-57.5°	134.1	135.1	135.9	138.7	140.9	142.6	144.6	146.8	148.5	150.0	151.4
-60°	121.0	122.0	123.7	126.5	128.8	130.7	133.0	135.1	136.9	138.5	139.9
-62.5°	108.3	109.5	111.8	114.2	116.3	118.1	120.7	122.9	124.7	126.3	127.6
-65°	95.8	97.0	99.7	102.3	104.5	106.3	108.5	110.5	112.2	113.8	115.1
-67.5°	83.8	85.0	87.6	89.9	92.0	94.0	96.0	97.8	99.4	100.8	102.0
-70°	72.5	73.7	75.8	77.8	79.6	81.4	83.2	84.7	86.1	87.4	88.6
-72.5°	61.6	62.9	64.5	66.0	67.4	68.8	70.3	71.6	72.7	73.7	74.6
-75°	50.5	51.7	53.0	54.2	55.2	56.3	57.4	58.4	59.3	60.0	60.6
-77.5°	39.5	40.6	41.7	42.6	43.4	44.1	44.7	45.2	45.6	46.2	46.7
-80°	29.2	30.2	31.1	31.8	32.5	32.9	33.3	33.6	33.8	34.1	34.3
-82.5°	20.1	20.8	21.4	22.1	22.7	23.0	23.2	23.4	23.5	23.7	23.8
-85°	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8	13.9	13.9	13.8
-87.5°	5.8	5.7	5.6	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.1
-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: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	5.1	5.0	5.2	5.4	5.2	5.0	5.1	5.1	5.2	5.2	5.2
85°	13.8	13.6	13.9	14.1	13.9	13.6	13.8	13.8	13.9	13.9	13.8
82.5°	23.9	24.0	24.1	24.1	24.1	24.0	23.9	23.8	23.7	23.5	23.4
80°	34.3	34.3	34.2	34.0	34.2	34.3	34.3	34.3	34.1	33.8	33.6
77.5°	47.1	47.4	47.6	47.7	47.6	47.4	47.1	46.7	46.2	45.6	45.2
75°	60.9	61.1	61.1	61.0	61.1	61.1	60.9	60.6	60.0	59.3	58.4
72.5°	75.4	76.0	76.1	76.0	76.1	76.0	75.4	74.6	73.7	72.7	71.6
70°	89.6	90.4	90.4	90.1	90.4	90.4	89.6	88.6	87.4	86.1	84.7
67.5°	103.0	103.7	104.3	104.6	104.3	103.7	103.0	102.0	100.8	99.4	97.8
65°	116.2	116.9	117.4	117.5	117.4	116.9	116.2	115.1	113.8	112.2	110.5
62.5°	128.6	129.3	129.8	129.9	129.8	129.3	128.6	127.6	126.3	124.7	122.9
60°	141.0	141.8	141.9	141.6	141.9	141.8	141.0	139.9	138.5	136.9	135.1
57.5°	152.6	153.4	153.4	152.8	153.4	153.4	152.6	151.4	150.0	148.5	146.8
55°	163.3	163.8	164.1	164.0	164.1	163.8	163.3	162.3	161.0	159.7	158.0
52.5°	174.6	175.1	175.3	175.2	175.3	175.1	174.6	173.7	172.5	171.3	169.5
50°	186.4	186.5	186.5	186.4	186.5	186.5	186.4	185.8	185.0	184.1	182.4
47.5°	199.9	200.1	200.1	200.1	200.1	200.1	199.9	199.2	198.7	198.0	196.3
45°	215.9	215.5	215.0	215.0	215.0	215.5	215.9	215.4	215.1	214.2	212.2
42.5°	235.1	234.6	234.0	234.1	234.0	234.6	235.1	234.5	235.1	234.0	231.6
40°	260.3	260.2	259.3	259.0	259.3	260.2	260.3	259.3	260.5	259.0	258.6
37.5°	292.9	292.4	290.5	289.8	290.5	292.4	292.9	292.7	293.9	291.3	293.6
35°	335.9	335.2	332.3	332.5	332.3	335.2	335.9	337.0	337.4	333.5	338.5
32.5°	396.6	396.9	392.5	391.5	392.5	396.9	396.6	398.0	395.3	394.3	397.1
30°	475.7	477.4	472.3	474.5	472.3	477.4	475.7	479.8	473.2	476.7	474.5
27.5°	589.0	592.4	587.8	584.1	587.8	592.4	589.0	589.2	579.3	586.2	574.5
25°	745.0	747.5	742.3	737.7	742.3	747.5	745.0	735.9	729.0	727.9	718.6
22.5°	948.0	947.9	947.6	954.8	947.6	947.9	948.0	929.0	925.6	905.8	910.8
20°	1195.1	1189.1	1198.1	1203.9	1198.1	1189.1	1195.1	1184.9	1169.1	1150.5	1139.0
17.5°	1478.2	1489.4	1498.0	1512.4	1498.0	1489.4	1478.2	1474.4	1458.2	1441.9	1413.4
15°	1811.9	1828.9	1837.5	1832.8	1837.5	1828.9	1811.9	1799.8	1794.9	1767.4	1753.1
12.5°	2232.2	2252.4	2237.5	2218.9	2237.5	2252.4	2232.2	2230.9	2193.3	2201.6	2155.9
10°	2825.0	2868.5	2870.9	2834.6	2870.9	2868.5	2825.0	2824.8	2842.7	2811.9	2811.2
7.5°	3734.5	3755.6	3787.8	3789.4	3787.8	3755.6	3734.5	3720.0	3695.1	3656.7	3576.7
5°	4667.2	4723.5	4759.9	4822.7	4759.9	4723.5	4667.2	4627.3	4539.3	4440.5	4356.0
2.5°	5303.3	5376.2	5404.1	5475.3	5404.1	5376.2	5303.3	5224.7	5102.9	4958.7	4802.8
0°	5535.1	5594.0	5629.3	5657.5	5629.3	5594.0	5535.1	5442.9	5339.5	5186.3	5016.6
-2.5°	5303.3	5376.2	5404.1	5475.3	5404.1	5376.2	5303.3	5224.7	5102.9	4958.7	4802.8
-5°	4667.2	4723.5	4759.9	4822.7	4759.9	4723.5	4667.2	4627.3	4539.3	4440.5	4356.0
-7.5°	3734.5	3755.6	3787.8	3789.4	3787.8	3755.6	3734.5	3720.0	3695.1	3656.7	3576.7
-10°	2825.0	2868.5	2870.9	2834.6	2870.9	2868.5	2825.0	2824.8	2842.7	2811.9	2811.2
-12.5°	2232.2	2252.4	2237.5	2218.9	2237.5	2252.4	2232.2	2230.9	2193.3	2201.6	2155.9
-15°	1811.9	1828.9	1837.5	1832.8	1837.5	1828.9	1811.9	1799.8	1794.9	1767.4	1753.1
-17.5°	1478.2	1489.4	1498.0	1512.4	1498.0	1489.4	1478.2	1474.4	1458.2	1441.9	1413.4
-20°	1195.1	1189.1	1198.1	1203.9	1198.1	1189.1	1195.1	1184.9	1169.1	1150.5	1139.0



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	948.0	947.9	947.6	954.8	947.6	947.9	948.0	929.0	925.6	905.8	910.8
-25°	745.0	747.5	742.3	737.7	742.3	747.5	745.0	735.9	729.0	727.9	718.6
-27.5°	589.0	592.4	587.8	584.1	587.8	592.4	589.0	589.2	579.3	586.2	574.5
-30°	475.7	477.4	472.3	474.5	472.3	477.4	475.7	479.8	473.2	476.7	474.5
-32.5°	396.6	396.9	392.5	391.5	392.5	396.9	396.6	398.0	395.3	394.3	397.1
-35°	335.9	335.2	332.3	332.5	332.3	335.2	335.9	337.0	337.4	333.5	338.5
-37.5°	292.9	292.4	290.5	289.8	290.5	292.4	292.9	292.7	293.9	291.3	293.6
-40°	260.3	260.2	259.3	259.0	259.3	260.2	260.3	259.3	260.5	259.0	258.6
-42.5°	235.1	234.6	234.0	234.1	234.0	234.6	235.1	234.5	235.1	234.0	231.6
-45°	215.9	215.5	215.0	215.0	215.0	215.5	215.9	215.4	215.1	214.2	212.2
-47.5°	199.9	200.1	200.1	200.1	200.1	200.1	199.9	199.2	198.7	198.0	196.3
-50°	186.4	186.5	186.5	186.4	186.5	186.5	186.4	185.8	185.0	184.1	182.4
-52.5°	174.6	175.1	175.3	175.2	175.3	175.1	174.6	173.7	172.5	171.3	169.5
-55°	163.3	163.8	164.1	164.0	164.1	163.8	163.3	162.3	161.0	159.7	158.0
-57.5°	152.6	153.4	153.4	152.8	153.4	153.4	152.6	151.4	150.0	148.5	146.8
-60°	141.0	141.8	141.9	141.6	141.9	141.8	141.0	139.9	138.5	136.9	135.1
-62.5°	128.6	129.3	129.8	129.9	129.8	129.3	128.6	127.6	126.3	124.7	122.9
-65°	116.2	116.9	117.4	117.5	117.4	116.9	116.2	115.1	113.8	112.2	110.5
-67.5°	103.0	103.7	104.3	104.6	104.3	103.7	103.0	102.0	100.8	99.4	97.8
-70°	89.6	90.4	90.4	90.1	90.4	90.4	89.6	88.6	87.4	86.1	84.7
-72.5°	75.4	76.0	76.1	76.0	76.1	76.0	75.4	74.6	73.7	72.7	71.6
-75°	60.9	61.1	61.1	61.0	61.1	61.1	60.9	60.6	60.0	59.3	58.4
-77.5°	47.1	47.4	47.6	47.7	47.6	47.4	47.1	46.7	46.2	45.6	45.2
-80°	34.3	34.3	34.2	34.0	34.2	34.3	34.3	34.3	34.1	33.8	33.6
-82.5°	23.9	24.0	24.1	24.1	24.1	24.0	23.9	23.8	23.7	23.5	23.4
-85°	13.8	13.6	13.9	14.1	13.9	13.6	13.8	13.8	13.9	13.9	13.8
-87.5°	5.1	5.0	5.2	5.4	5.2	5.0	5.1	5.1	5.2	5.2	5.2
-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: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.6	5.4	5.2	5.0
85°	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	11.9	11.6	11.2
82.5°	23.2	23.0	22.7	22.1	21.4	20.8	20.1	19.8	19.4	18.9	18.3
80°	33.3	32.9	32.5	31.8	31.1	30.2	29.2	28.4	27.6	26.7	26.1
77.5°	44.7	44.1	43.4	42.6	41.7	40.6	39.5	38.5	37.5	36.3	35.2
75°	57.4	56.3	55.2	54.2	53.0	51.7	50.5	49.3	48.0	46.4	45.1
72.5°	70.3	68.8	67.4	66.0	64.5	62.9	61.6	60.4	58.9	57.0	55.7
70°	83.2	81.4	79.6	77.8	75.8	73.7	72.5	71.4	70.0	68.1	67.0
67.5°	96.0	94.0	92.0	89.9	87.6	85.0	83.8	82.4	80.8	78.9	78.4
65°	108.5	106.3	104.5	102.3	99.7	97.0	95.8	94.3	92.3	90.3	89.9
62.5°	120.7	118.1	116.3	114.2	111.8	109.5	108.3	106.6	104.3	102.8	102.6
60°	133.0	130.7	128.8	126.5	123.7	122.0	121.0	119.2	116.6	116.0	115.7
57.5°	144.6	142.6	140.9	138.7	135.9	135.1	134.1	132.2	129.6	130.0	129.4
55°	155.7	154.2	152.8	150.7	148.1	148.4	147.6	145.8	144.2	144.8	144.0
52.5°	167.1	166.5	165.2	162.9	161.9	162.5	161.5	159.8	160.0	160.6	159.4
50°	180.4	180.1	178.7	176.5	177.2	177.8	177.0	174.8	176.9	177.4	175.8
47.5°	195.5	195.4	193.7	191.7	194.2	194.6	193.7	193.9	195.8	195.3	193.3
45°	212.9	213.1	211.4	211.7	213.3	213.7	212.0	215.2	216.3	215.3	211.8
42.5°	234.0	233.8	231.9	234.9	235.9	235.3	235.9	239.2	239.2	236.8	237.0
40°	260.6	259.1	259.5	262.3	262.8	259.8	265.2	266.4	265.3	260.8	267.1
37.5°	294.3	291.4	295.1	295.9	294.6	296.2	300.0	299.2	294.1	298.6	302.5
35°	337.0	336.0	339.4	338.3	333.1	341.7	342.9	337.5	335.6	343.7	343.2
32.5°	390.3	395.9	395.3	390.4	393.6	395.5	392.9	383.9	395.5	398.6	391.4
30°	469.7	472.5	466.5	463.4	469.1	462.7	449.7	462.9	468.0	461.7	446.0
27.5°	578.1	570.0	559.0	566.1	559.4	544.2	548.8	555.6	549.7	534.6	516.7
25°	715.9	693.3	698.8	694.0	672.2	668.1	674.9	667.3	646.2	623.5	648.4
22.5°	889.0	880.7	871.5	844.1	837.4	839.3	822.9	792.4	773.8	797.6	798.4
20°	1121.8	1107.3	1075.7	1064.0	1058.1	1029.7	988.5	984.3	1003.8	993.8	963.7
17.5°	1401.0	1363.0	1356.4	1338.1	1303.1	1247.4	1268.5	1275.8	1257.2	1205.3	1142.1
15°	1702.0	1723.9	1704.9	1648.6	1615.3	1640.4	1628.1	1587.5	1531.1	1436.1	1328.5
12.5°	2196.1	2164.1	2084.0	2113.4	2105.2	2074.6	2012.4	1923.0	1806.0	1652.1	1497.0
10°	2769.5	2746.4	2723.1	2684.4	2620.8	2530.3	2379.1	2211.2	2036.4	1854.9	1666.5
7.5°	3516.7	3454.2	3374.6	3232.5	3054.9	2871.8	2680.2	2479.8	2266.4	2054.6	1834.5
5°	4196.5	4012.7	3825.2	3630.2	3414.9	3195.8	2974.7	2743.8	2492.4	2248.4	1997.3
2.5°	4625.1	4433.7	4227.1	4001.8	3724.7	3444.9	3165.2	2885.6	2586.2	2304.2	2022.4
0°	4815.6	4592.7	4337.4	4083.7	3807.3	3515.4	3202.4	2915.5	2609.2	2322.3	2036.7
-2.5°	4625.1	4433.7	4227.1	4001.8	3724.7	3444.9	3165.2	2885.6	2586.2	2304.2	2022.4
-5°	4196.5	4012.7	3825.2	3630.2	3414.9	3195.8	2974.7	2743.8	2492.4	2248.4	1997.3
-7.5°	3516.7	3454.2	3374.6	3232.5	3054.9	2871.8	2680.2	2479.8	2266.4	2054.6	1834.5
-10°	2769.5	2746.4	2723.1	2684.4	2620.8	2530.3	2379.1	2211.2	2036.4	1854.9	1666.5
-12.5°	2196.1	2164.1	2084.0	2113.4	2105.2	2074.6	2012.4	1923.0	1806.0	1652.1	1497.0
-15°	1702.0	1723.9	1704.9	1648.6	1615.3	1640.4	1628.1	1587.5	1531.1	1436.1	1328.5
-17.5°	1401.0	1363.0	1356.4	1338.1	1303.1	1247.4	1268.5	1275.8	1257.2	1205.3	1142.1
-20°	1121.8	1107.3	1075.7	1064.0	1058.1	1029.7	988.5	984.3	1003.8	993.8	963.7



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	889.0	880.7	871.5	844.1	837.4	839.3	822.9	792.4	773.8	797.6	798.4
-25°	715.9	693.3	698.8	694.0	672.2	668.1	674.9	667.3	646.2	623.5	648.4
-27.5°	578.1	570.0	559.0	566.1	559.4	544.2	548.8	555.6	549.7	534.6	516.7
-30°	469.7	472.5	466.5	463.4	469.1	462.7	449.7	462.9	468.0	461.7	446.0
-32.5°	390.3	395.9	395.3	390.4	393.6	395.5	392.9	383.9	395.5	398.6	391.4
-35°	337.0	336.0	339.4	338.3	333.1	341.7	342.9	337.5	335.6	343.7	343.2
-37.5°	294.3	291.4	295.1	295.9	294.6	296.2	300.0	299.2	294.1	298.6	302.5
-40°	260.6	259.1	259.5	262.3	262.8	259.8	265.2	266.4	265.3	260.8	267.1
-42.5°	234.0	233.8	231.9	234.9	235.9	235.3	235.9	239.2	239.2	236.8	237.0
-45°	212.9	213.1	211.4	211.7	213.3	213.7	212.0	215.2	216.3	215.3	211.8
-47.5°	195.5	195.4	193.7	191.7	194.2	194.6	193.7	193.9	195.8	195.3	193.3
-50°	180.4	180.1	178.7	176.5	177.2	177.8	177.0	174.8	176.9	177.4	175.8
-52.5°	167.1	166.5	165.2	162.9	161.9	162.5	161.5	159.8	160.0	160.6	159.4
-55°	155.7	154.2	152.8	150.7	148.1	148.4	147.6	145.8	144.2	144.8	144.0
-57.5°	144.6	142.6	140.9	138.7	135.9	135.1	134.1	132.2	129.6	130.0	129.4
-60°	133.0	130.7	128.8	126.5	123.7	122.0	121.0	119.2	116.6	116.0	115.7
-62.5°	120.7	118.1	116.3	114.2	111.8	109.5	108.3	106.6	104.3	102.8	102.6
-65°	108.5	106.3	104.5	102.3	99.7	97.0	95.8	94.3	92.3	90.3	89.9
-67.5°	96.0	94.0	92.0	89.9	87.6	85.0	83.8	82.4	80.8	78.9	78.4
-70°	83.2	81.4	79.6	77.8	75.8	73.7	72.5	71.4	70.0	68.1	67.0
-72.5°	70.3	68.8	67.4	66.0	64.5	62.9	61.6	60.4	58.9	57.0	55.7
-75°	57.4	56.3	55.2	54.2	53.0	51.7	50.5	49.3	48.0	46.4	45.1
-77.5°	44.7	44.1	43.4	42.6	41.7	40.6	39.5	38.5	37.5	36.3	35.2
-80°	33.3	32.9	32.5	31.8	31.1	30.2	29.2	28.4	27.6	26.7	26.1
-82.5°	23.2	23.0	22.7	22.1	21.4	20.8	20.1	19.8	19.4	18.9	18.3
-85°	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.2	11.9	11.6	11.2
-87.5°	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.6	5.4	5.2	5.0
-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: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6
85°	10.8	10.4	9.8	9.2	8.5	7.7	7.2	6.7	6.2	5.7	5.1
82.5°	17.9	17.3	16.6	15.9	15.2	14.3	13.2	11.9	10.4	8.7	7.7
80°	25.9	25.4	24.5	23.4	22.3	21.0	19.7	18.2	16.2	14.1	11.8
77.5°	34.8	34.0	33.0	31.8	30.3	28.7	26.8	24.6	22.1	19.5	16.7
75°	44.4	43.6	42.4	40.7	38.7	36.4	34.0	31.5	28.5	25.0	21.6
72.5°	54.9	53.7	52.1	49.9	47.5	44.8	41.6	38.4	35.1	31.2	26.7
70°	65.9	64.3	62.3	60.0	57.0	53.2	49.6	45.9	41.7	37.3	32.3
67.5°	77.2	75.4	73.0	70.4	67.2	63.0	57.9	53.8	49.2	43.5	37.9
65°	88.9	86.9	84.0	81.4	77.7	73.1	67.7	62.2	56.7	50.6	43.5
62.5°	101.3	99.0	96.2	92.9	88.7	83.6	77.6	71.7	64.6	57.7	49.8
60°	114.3	111.9	109.0	105.4	100.4	94.4	88.2	81.3	73.6	64.8	56.3
57.5°	127.8	125.1	122.7	118.6	112.9	105.9	99.2	91.7	82.6	72.9	62.8
55°	141.9	139.3	137.1	132.7	126.1	118.2	111.2	102.7	91.9	81.1	69.3
52.5°	156.8	155.1	152.4	147.4	140.2	131.7	124.8	113.9	102.5	89.3	76.6
50°	172.6	172.6	169.1	163.1	154.9	147.8	139.1	127.3	113.2	97.9	84.0
47.5°	192.0	191.8	187.7	179.9	170.5	165.2	155.3	141.4	124.1	107.8	91.5
45°	214.1	212.6	207.7	198.9	190.5	184.8	172.8	156.1	137.4	117.9	98.9
42.5°	238.7	236.0	229.1	218.9	215.5	206.6	191.3	172.7	151.1	128.0	107.2
40°	267.4	261.8	252.3	247.1	243.6	230.1	212.5	190.2	165.0	138.8	116.0
37.5°	299.2	290.9	278.3	282.2	274.8	258.1	235.3	208.3	179.6	151.1	124.6
35°	336.3	323.5	323.7	323.2	310.5	288.1	259.2	227.9	195.7	163.3	133.1
32.5°	377.0	373.7	379.3	370.1	349.6	319.9	286.0	249.4	212.0	175.5	141.5
30°	434.7	448.5	442.4	421.6	392.8	356.4	314.8	271.4	228.5	187.5	150.1
27.5°	534.2	533.7	513.4	481.3	441.3	395.1	343.9	293.9	245.0	200.0	159.9
25°	646.5	630.4	595.4	546.8	492.7	433.8	373.5	316.6	263.0	213.5	169.4
22.5°	774.8	735.8	684.4	616.7	543.5	473.6	405.0	341.5	281.7	226.8	178.5
20°	913.6	848.1	777.5	685.2	598.4	517.0	438.3	366.2	300.0	239.7	187.3
17.5°	1062.2	964.1	866.2	759.4	656.0	560.7	471.6	390.5	318.0	252.2	195.7
15°	1206.2	1080.1	957.5	834.0	713.8	604.4	504.4	414.2	335.4	264.2	202.3
12.5°	1348.1	1197.6	1050.1	908.4	771.2	647.4	536.5	437.0	352.0	272.7	206.5
10°	1489.7	1315.1	1142.6	981.4	827.4	689.3	567.5	454.8	359.9	278.2	210.1
7.5°	1629.3	1430.8	1233.6	1052.2	875.7	716.7	580.7	462.9	365.1	282.7	212.9
5°	1743.1	1506.3	1274.9	1073.1	889.3	727.6	588.9	469.2	368.6	286.0	214.9
2.5°	1758.4	1518.7	1281.1	1081.4	898.4	735.0	594.3	473.5	370.6	288.3	216.2
0°	1764.3	1522.7	1280.3	1083.9	902.9	738.9	597.0	475.8	371.1	289.4	216.7
-2.5°	1758.4	1518.7	1281.1	1081.4	898.4	735.0	594.3	473.5	370.6	288.3	216.2
-5°	1743.1	1506.3	1274.9	1073.1	889.3	727.6	588.9	469.2	368.6	286.0	214.9
-7.5°	1629.3	1430.8	1233.6	1052.2	875.7	716.7	580.7	462.9	365.1	282.7	212.9
-10°	1489.7	1315.1	1142.6	981.4	827.4	689.3	567.5	454.8	359.9	278.2	210.1
-12.5°	1348.1	1197.6	1050.1	908.4	771.2	647.4	536.5	437.0	352.0	272.7	206.5
-15°	1206.2	1080.1	957.5	834.0	713.8	604.4	504.4	414.2	335.4	264.2	202.3
-17.5°	1062.2	964.1	866.2	759.4	656.0	560.7	471.6	390.5	318.0	252.2	195.7
-20°	913.6	848.1	777.5	685.2	598.4	517.0	438.3	366.2	300.0	239.7	187.3



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	774.8	735.8	684.4	616.7	543.5	473.6	405.0	341.5	281.7	226.8	178.5
-25°	646.5	630.4	595.4	546.8	492.7	433.8	373.5	316.6	263.0	213.5	169.4
-27.5°	534.2	533.7	513.4	481.3	441.3	395.1	343.9	293.9	245.0	200.0	159.9
-30°	434.7	448.5	442.4	421.6	392.8	356.4	314.8	271.4	228.5	187.5	150.1
-32.5°	377.0	373.7	379.3	370.1	349.6	319.9	286.0	249.4	212.0	175.5	141.5
-35°	336.3	323.5	323.7	323.2	310.5	288.1	259.2	227.9	195.7	163.3	133.1
-37.5°	299.2	290.9	278.3	282.2	274.8	258.1	235.3	208.3	179.6	151.1	124.6
-40°	267.4	261.8	252.3	247.1	243.6	230.1	212.5	190.2	165.0	138.8	116.0
-42.5°	238.7	236.0	229.1	218.9	215.5	206.6	191.3	172.7	151.1	128.0	107.2
-45°	214.1	212.6	207.7	198.9	190.5	184.8	172.8	156.1	137.4	117.9	98.9
-47.5°	192.0	191.8	187.7	179.9	170.5	165.2	155.3	141.4	124.1	107.8	91.5
-50°	172.6	172.6	169.1	163.1	154.9	147.8	139.1	127.3	113.2	97.9	84.0
-52.5°	156.8	155.1	152.4	147.4	140.2	131.7	124.8	113.9	102.5	89.3	76.6
-55°	141.9	139.3	137.1	132.7	126.1	118.2	111.2	102.7	91.9	81.1	69.3
-57.5°	127.8	125.1	122.7	118.6	112.9	105.9	99.2	91.7	82.6	72.9	62.8
-60°	114.3	111.9	109.0	105.4	100.4	94.4	88.2	81.3	73.6	64.8	56.3
-62.5°	101.3	99.0	96.2	92.9	88.7	83.6	77.6	71.7	64.6	57.7	49.8
-65°	88.9	86.9	84.0	81.4	77.7	73.1	67.7	62.2	56.7	50.6	43.5
-67.5°	77.2	75.4	73.0	70.4	67.2	63.0	57.9	53.8	49.2	43.5	37.9
-70°	65.9	64.3	62.3	60.0	57.0	53.2	49.6	45.9	41.7	37.3	32.3
-72.5°	54.9	53.7	52.1	49.9	47.5	44.8	41.6	38.4	35.1	31.2	26.7
-75°	44.4	43.6	42.4	40.7	38.7	36.4	34.0	31.5	28.5	25.0	21.6
-77.5°	34.8	34.0	33.0	31.8	30.3	28.7	26.8	24.6	22.1	19.5	16.7
-80°	25.9	25.4	24.5	23.4	22.3	21.0	19.7	18.2	16.2	14.1	11.8
-82.5°	17.9	17.3	16.6	15.9	15.2	14.3	13.2	11.9	10.4	8.7	7.7
-85°	10.8	10.4	9.8	9.2	8.5	7.7	7.2	6.7	6.2	5.7	5.1
-87.5°	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-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°	2.3	2.0	1.7	1.3	0.9	0.5	0.0
85°	4.5	4.0	3.4	2.7	1.9	0.9	0.0
82.5°	6.8	6.0	5.1	4.0	2.8	1.4	0.0
80°	9.3	8.0	6.8	5.4	3.7	1.9	0.0
77.5°	13.6	10.6	8.4	6.7	4.7	2.3	0.0
75°	18.0	14.4	10.4	8.0	5.6	2.8	0.0
72.5°	22.3	18.1	13.5	9.3	6.5	3.2	0.0
70°	26.7	21.8	16.5	10.8	7.4	3.7	0.0
67.5°	31.8	25.5	19.6	13.2	8.3	4.1	0.0
65°	36.8	29.5	22.6	15.5	9.1	4.6	0.0
62.5°	41.9	33.8	25.5	17.7	10.0	5.0	0.0
60°	46.8	38.1	28.5	20.0	10.8	5.4	0.0
57.5°	52.5	42.4	31.9	22.2	12.3	5.8	0.0
55°	58.1	46.6	35.3	24.3	13.7	6.2	0.0
52.5°	63.7	50.8	38.7	26.4	15.1	6.6	0.0
50°	69.2	55.4	42.0	28.5	16.4	6.9	0.0
47.5°	74.8	60.0	45.3	30.6	17.7	7.3	0.0
45°	81.2	64.4	48.4	33.0	19.0	7.6	0.0
42.5°	87.6	68.7	51.5	35.3	20.2	8.0	0.0
40°	94.0	72.9	54.7	37.4	21.4	8.3	0.0
37.5°	100.2	77.0	57.9	39.4	22.5	8.6	0.0
35°	106.4	81.6	61.0	41.3	23.6	8.8	0.0
32.5°	112.7	86.4	63.9	43.1	24.6	9.1	0.0
30°	119.5	91.1	66.8	44.7	25.5	9.4	0.0
27.5°	126.0	95.6	69.1	46.2	26.4	9.6	0.0
25°	132.2	100.0	71.3	47.5	27.2	9.8	0.0
22.5°	138.2	103.8	73.3	48.7	28.0	10.0	0.0
20°	143.9	106.8	75.1	49.8	28.7	10.1	0.0
17.5°	148.2	109.3	76.8	50.8	29.3	10.3	0.0
15°	151.4	111.6	78.3	51.6	29.9	10.4	0.0
12.5°	154.2	113.4	79.6	52.2	30.3	10.5	0.0
10°	156.5	114.9	80.7	52.8	30.7	10.6	0.0
7.5°	158.2	116.1	81.6	53.2	31.1	10.7	0.0
5°	159.6	116.9	82.3	53.4	31.3	10.8	0.0
2.5°	160.4	117.4	82.7	53.6	31.5	10.8	0.0
0°	160.7	117.5	83.0	53.6	31.6	10.8	0.0
-2.5°	160.4	117.4	82.7	53.6	31.5	10.8	0.0
-5°	159.6	116.9	82.3	53.4	31.3	10.8	0.0
-7.5°	158.2	116.1	81.6	53.2	31.1	10.7	0.0
-10°	156.5	114.9	80.7	52.8	30.7	10.6	0.0
-12.5°	154.2	113.4	79.6	52.2	30.3	10.5	0.0
-15°	151.4	111.6	78.3	51.6	29.9	10.4	0.0
-17.5°	148.2	109.3	76.8	50.8	29.3	10.3	0.0
-20°	143.9	106.8	75.1	49.8	28.7	10.1	0.0



REPORT NUMBER: P558542 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	138.2	103.8	73.3	48.7	28.0	10.0	0.0
-25°	132.2	100.0	71.3	47.5	27.2	9.8	0.0
-27.5°	126.0	95.6	69.1	46.2	26.4	9.6	0.0
-30°	119.5	91.1	66.8	44.7	25.5	9.4	0.0
-32.5°	112.7	86.4	63.9	43.1	24.6	9.1	0.0
-35°	106.4	81.6	61.0	41.3	23.6	8.8	0.0
-37.5°	100.2	77.0	57.9	39.4	22.5	8.6	0.0
-40°	94.0	72.9	54.7	37.4	21.4	8.3	0.0
-42.5°	87.6	68.7	51.5	35.3	20.2	8.0	0.0
-45°	81.2	64.4	48.4	33.0	19.0	7.6	0.0
-47.5°	74.8	60.0	45.3	30.6	17.7	7.3	0.0
-50°	69.2	55.4	42.0	28.5	16.4	6.9	0.0
-52.5°	63.7	50.8	38.7	26.4	15.1	6.6	0.0
-55°	58.1	46.6	35.3	24.3	13.7	6.2	0.0
-57.5°	52.5	42.4	31.9	22.2	12.3	5.8	0.0
-60°	46.8	38.1	28.5	20.0	10.8	5.4	0.0
-62.5°	41.9	33.8	25.5	17.7	10.0	5.0	0.0
-65°	36.8	29.5	22.6	15.5	9.1	4.6	0.0
-67.5°	31.8	25.5	19.6	13.2	8.3	4.1	0.0
-70°	26.7	21.8	16.5	10.8	7.4	3.7	0.0
-72.5°	22.3	18.1	13.5	9.3	6.5	3.2	0.0
-75°	18.0	14.4	10.4	8.0	5.6	2.8	0.0
-77.5°	13.6	10.6	8.4	6.7	4.7	2.3	0.0
-80°	9.3	8.0	6.8	5.4	3.7	1.9	0.0
-82.5°	6.8	6.0	5.1	4.0	2.8	1.4	0.0
-85°	4.5	4.0	3.4	2.7	1.9	0.9	0.0
-87.5°	2.3	2.0	1.7	1.3	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)