

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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5E-930-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

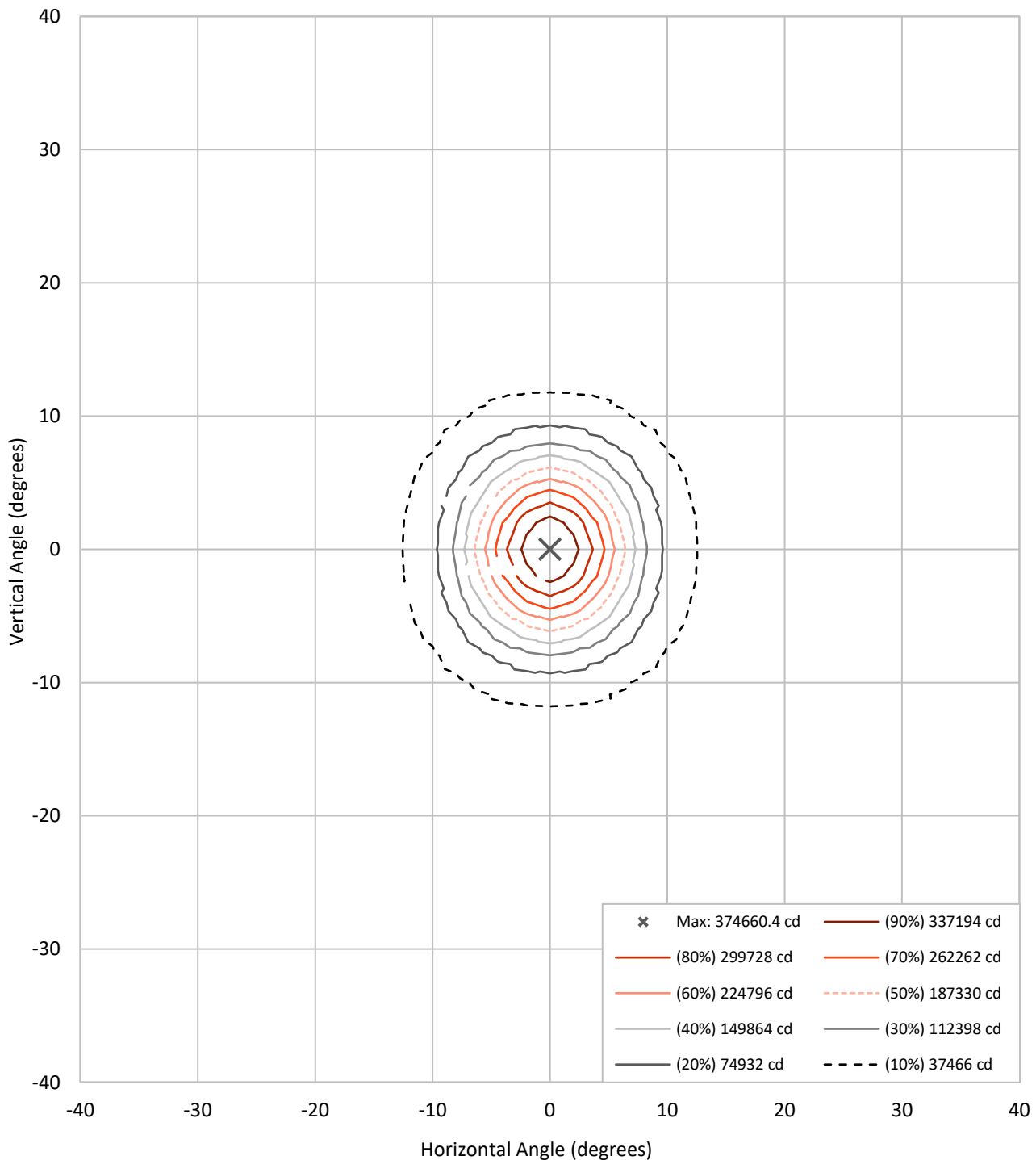
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	27157.9 lumens	Max Intensity:	374660.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	8581.5 lumens	Field Lumens:	19010.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 307
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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

Iso-Candela Plot





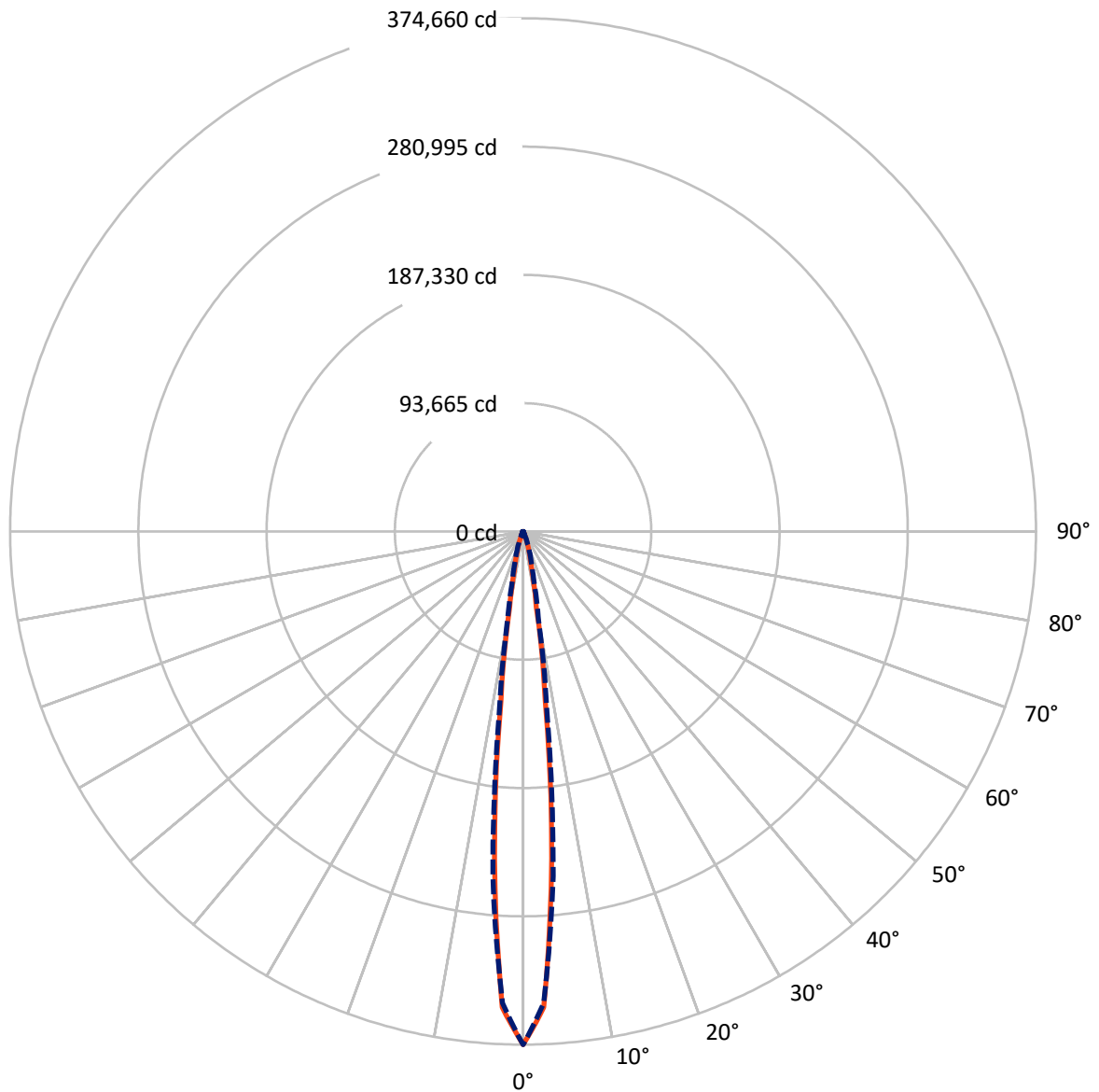
REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

Lumen Table

90	0.4	3.1	8.7	14.1	16.2	14.1	8.7	3.1	0.4							
80	0.4	3.1	8.7	14.1	16.2	14.1	8.7	3.1	0.4							
70	1.4	1.7	3.5	5.8	8.0	9.8	11.1	11.8	11.8	11.1	9.8	8.0	5.8	3.5	1.7	1.4
60		2.6	5.2	7.9	10.3	12.1	13.3	13.8	13.8	13.3	12.1	10.3	7.9	5.2	2.6	
50	2.6	3.4	6.5	9.2	11.5	13.5	15.1	15.9	15.9	15.1	13.5	11.5	9.2	6.5	3.4	2.6
40		4.1	7.2	10.0	12.8	16.5	20.7	23.4	23.4	20.7	16.5	12.8	10.0	7.2	4.1	
30	3.5	4.5	7.6	10.7	15.1	23.5	52.1	94.8	94.8	52.1	23.5	15.1	10.7	7.6	4.5	3.5
20		4.7	7.9	11.2	17.9	50.4	284.8	626.5	626.5	284.8	50.4	17.9	11.2	7.9	4.7	
10	3.8	4.9	7.9	11.6	19.9	96.8	683.6	4422.4	4422.4	683.6	96.8	19.9	11.6	7.9	4.9	3.8
0		4.9	7.9	11.6	19.9	96.8	683.6	4422.4	4422.4	683.6	96.8	19.9	11.6	7.9	4.9	
-10	3.5	4.7	7.9	11.2	17.9	50.4	284.8	626.5	626.5	284.8	50.4	17.9	11.2	7.9	4.7	3.5
-20		4.5	7.6	10.7	15.1	23.5	52.1	94.8	94.8	52.1	23.5	15.1	10.7	7.6	4.5	
-30	2.6	4.1	7.2	10.0	12.8	16.5	20.7	23.4	23.4	20.7	16.5	12.8	10.0	7.2	4.1	2.6
-40		3.4	6.5	9.2	11.5	13.5	15.1	15.9	15.9	15.1	13.5	11.5	9.2	6.5	3.4	
-50	1.4	2.6	5.2	7.9	10.3	12.1	13.3	13.8	13.8	13.3	12.1	10.3	7.9	5.2	2.6	1.4
-60		1.7	3.5	5.8	8.0	9.8	11.1	11.8	11.8	11.1	9.8	8.0	5.8	3.5	1.7	
-70	0.4	3.1	8.7	14.1	16.2	14.1	8.7	3.1	0.4							
-80		0.4	3.1	8.7	14.1	16.2	14.1	8.7	3.1	0.4						
-90	0.4	3.1	8.7	14.1	16.2	14.1	8.7	3.1	0.4							

REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

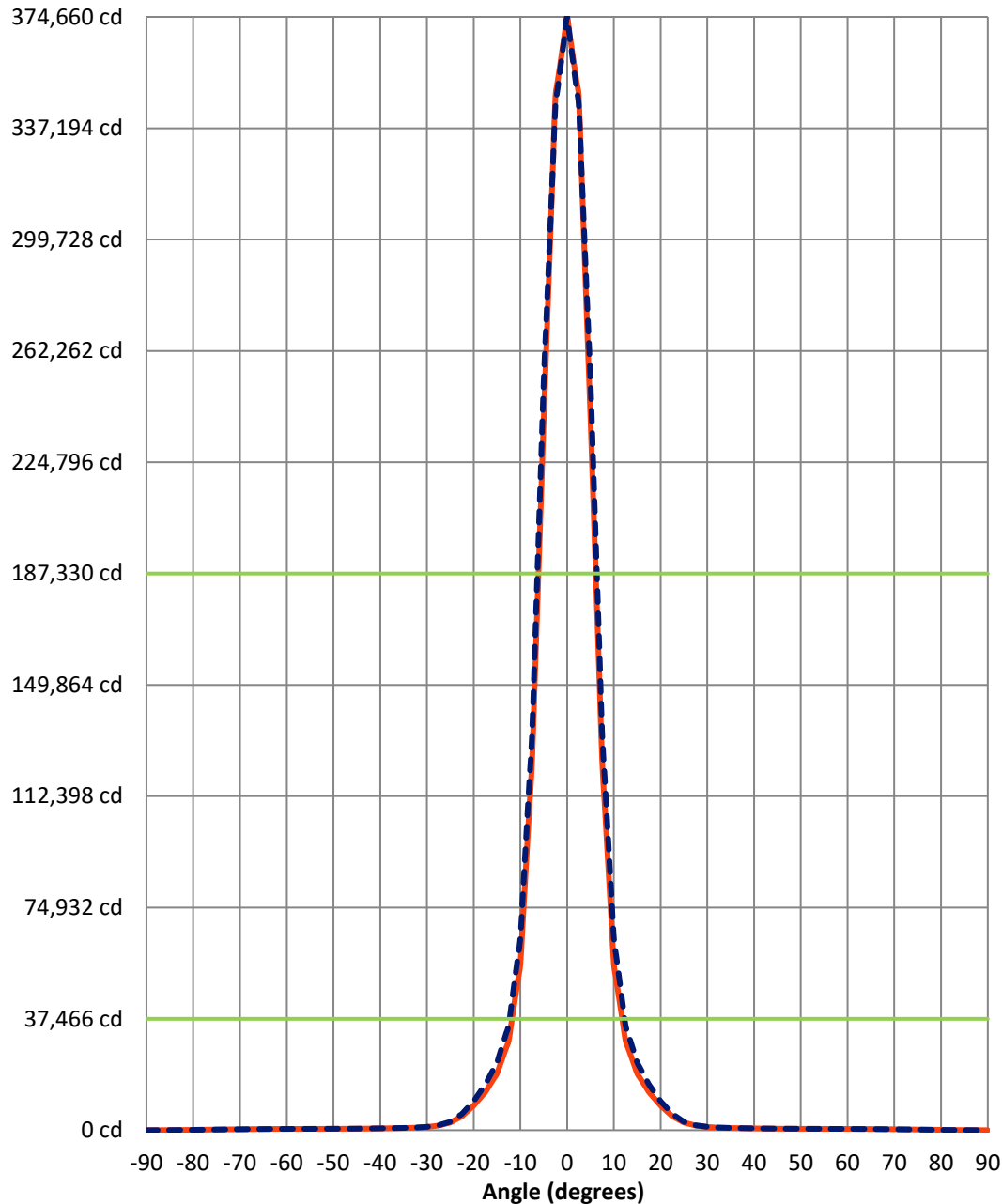
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 8581.5
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 19010.9
 Efficiency: 70.0%

Spill:
 Lumens: 8147
 Efficiency: 30.0%

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



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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	0.9	1.8	2.6	3.3	4.0	4.6	5.3	6.1	6.8	7.5
85°	0.0	1.8	3.5	5.1	6.6	7.9	9.2	10.6	12.1	13.5	14.9
82.5°	0.0	2.6	5.3	7.6	9.9	11.9	13.7	15.9	18.3	21.6	25.0
80°	0.0	3.5	7.0	10.2	13.1	15.8	18.5	22.8	27.2	31.8	36.6
77.5°	0.0	4.4	8.7	12.7	16.4	20.3	25.0	30.4	36.1	42.0	48.3
75°	0.0	5.2	10.4	15.2	19.8	25.6	31.3	37.9	45.0	53.1	60.8
72.5°	0.0	6.1	12.1	17.7	24.0	30.9	37.7	45.8	55.4	64.6	73.3
70°	0.0	6.9	13.8	20.3	28.2	36.1	44.1	55.0	65.7	76.1	90.2
67.5°	0.0	7.7	15.4	23.4	32.3	41.2	52.1	64.1	76.0	91.7	107.9
65°	0.0	8.5	17.1	26.4	36.4	47.0	59.9	73.1	89.3	106.9	125.6
62.5°	0.0	9.3	18.6	29.4	40.4	53.2	67.5	83.5	102.2	122.0	143.8
60°	0.0	10.1	20.2	32.3	44.3	59.3	74.9	94.3	114.7	138.2	161.7
57.5°	0.0	10.9	22.1	35.2	48.9	65.3	83.7	104.7	128.3	153.9	179.8
55°	0.0	11.6	23.9	38.0	53.5	71.0	92.4	114.9	142.0	169.4	197.8
52.5°	0.0	12.3	25.7	40.7	57.9	76.8	100.9	126.4	155.2	185.1	215.2
50°	0.0	13.0	27.4	43.3	62.2	83.7	109.2	137.8	168.2	200.4	232.5
47.5°	0.0	13.6	29.0	46.0	66.3	90.3	117.3	148.7	181.3	215.1	249.5
45°	0.0	14.3	30.6	48.9	70.2	96.7	126.2	159.1	194.0	229.8	265.9
42.5°	0.0	14.9	32.1	51.7	73.9	102.8	134.7	169.4	206.1	244.1	279.9
40°	0.0	15.5	33.6	54.3	78.0	108.6	142.8	179.5	217.9	257.7	293.1
37.5°	0.0	16.0	35.0	56.8	82.4	114.2	150.4	189.2	229.4	270.1	305.6
35°	0.0	16.5	36.3	59.0	86.6	119.9	157.5	198.3	240.1	280.5	316.9
32.5°	0.0	17.0	37.5	61.1	90.6	125.5	164.4	206.8	250.1	290.3	326.5
30°	0.0	17.5	38.6	63.1	94.2	130.7	171.2	214.8	259.4	299.4	335.5
27.5°	0.0	17.9	39.7	64.9	97.5	135.5	177.5	222.4	267.5	307.8	343.9
25°	0.0	18.3	40.7	66.5	100.6	139.9	183.3	229.2	274.3	315.0	351.5
22.5°	0.0	18.7	41.6	67.9	103.4	143.9	188.6	235.4	280.5	321.1	357.2
20°	0.0	19.0	42.4	69.2	106.0	147.5	193.3	240.9	286.0	326.6	362.5
17.5°	0.0	19.3	43.1	70.2	108.3	150.7	197.6	245.7	290.9	331.5	367.1
15°	0.0	19.5	43.7	71.2	110.3	153.5	201.3	249.8	295.0	335.6	371.2
12.5°	0.0	19.7	44.2	71.9	112.0	155.9	204.6	253.2	298.5	339.1	374.7
10°	0.0	19.9	44.6	72.5	113.4	157.9	207.2	255.9	301.3	341.8	377.5
7.5°	0.0	20.0	45.0	72.9	114.5	159.4	209.2	257.9	303.3	343.8	379.4
5°	0.0	20.1	45.2	73.1	115.3	160.5	210.7	259.2	304.7	345.1	380.6
2.5°	0.0	20.2	45.4	73.2	115.8	161.2	211.6	259.9	305.3	345.7	381.1
0°	0.0	20.2	45.4	73.1	116.0	161.4	211.9	259.8	305.2	345.5	380.9
-2.5°	0.0	20.2	45.4	73.2	115.8	161.2	211.6	259.9	305.3	345.7	381.1
-5°	0.0	20.1	45.2	73.1	115.3	160.5	210.7	259.2	304.7	345.1	380.6
-7.5°	0.0	20.0	45.0	72.9	114.5	159.4	209.2	257.9	303.3	343.8	379.4
-10°	0.0	19.9	44.6	72.5	113.4	157.9	207.2	255.9	301.3	341.8	377.5
-12.5°	0.0	19.7	44.2	71.9	112.0	155.9	204.6	253.2	298.5	339.1	374.7
-15°	0.0	19.5	43.7	71.2	110.3	153.5	201.3	249.8	295.0	335.6	371.2
-17.5°	0.0	19.3	43.1	70.2	108.3	150.7	197.6	245.7	290.9	331.5	367.1
-20°	0.0	19.0	42.4	69.2	106.0	147.5	193.3	240.9	286.0	326.6	362.5



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.7	41.6	67.9	103.4	143.9	188.6	235.4	280.5	321.1	357.2
-25°	0.0	18.3	40.7	66.5	100.6	139.9	183.3	229.2	274.3	315.0	351.5
-27.5°	0.0	17.9	39.7	64.9	97.5	135.5	177.5	222.4	267.5	307.8	343.9
-30°	0.0	17.5	38.6	63.1	94.2	130.7	171.2	214.8	259.4	299.4	335.5
-32.5°	0.0	17.0	37.5	61.1	90.6	125.5	164.4	206.8	250.1	290.3	326.5
-35°	0.0	16.5	36.3	59.0	86.6	119.9	157.5	198.3	240.1	280.5	316.9
-37.5°	0.0	16.0	35.0	56.8	82.4	114.2	150.4	189.2	229.4	270.1	305.6
-40°	0.0	15.5	33.6	54.3	78.0	108.6	142.8	179.5	217.9	257.7	293.1
-42.5°	0.0	14.9	32.1	51.7	73.9	102.8	134.7	169.4	206.1	244.1	279.9
-45°	0.0	14.3	30.6	48.9	70.2	96.7	126.2	159.1	194.0	229.8	265.9
-47.5°	0.0	13.6	29.0	46.0	66.3	90.3	117.3	148.7	181.3	215.1	249.5
-50°	0.0	13.0	27.4	43.3	62.2	83.7	109.2	137.8	168.2	200.4	232.5
-52.5°	0.0	12.3	25.7	40.7	57.9	76.8	100.9	126.4	155.2	185.1	215.2
-55°	0.0	11.6	23.9	38.0	53.5	71.0	92.4	114.9	142.0	169.4	197.8
-57.5°	0.0	10.9	22.1	35.2	48.9	65.3	83.7	104.7	128.3	153.9	179.8
-60°	0.0	10.1	20.2	32.3	44.3	59.3	74.9	94.3	114.7	138.2	161.7
-62.5°	0.0	9.3	18.6	29.4	40.4	53.2	67.5	83.5	102.2	122.0	143.8
-65°	0.0	8.5	17.1	26.4	36.4	47.0	59.9	73.1	89.3	106.9	125.6
-67.5°	0.0	7.7	15.4	23.4	32.3	41.2	52.1	64.1	76.0	91.7	107.9
-70°	0.0	6.9	13.8	20.3	28.2	36.1	44.1	55.0	65.7	76.1	90.2
-72.5°	0.0	6.1	12.1	17.7	24.0	30.9	37.7	45.8	55.4	64.6	73.3
-75°	0.0	5.2	10.4	15.2	19.8	25.6	31.3	37.9	45.0	53.1	60.8
-77.5°	0.0	4.4	8.7	12.7	16.4	20.3	25.0	30.4	36.1	42.0	48.3
-80°	0.0	3.5	7.0	10.2	13.1	15.8	18.5	22.8	27.2	31.8	36.6
-82.5°	0.0	2.6	5.3	7.6	9.9	11.9	13.7	15.9	18.3	21.6	25.0
-85°	0.0	1.8	3.5	5.1	6.6	7.9	9.2	10.6	12.1	13.5	14.9
-87.5°	0.0	0.9	1.8	2.6	3.3	4.0	4.6	5.3	6.1	6.8	7.5
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
85°	16.3	17.7	19.5	21.0	22.5	23.8	25.0	26.0	27.5	29.1	30.6
82.5°	27.8	30.3	32.3	34.1	35.9	37.6	39.4	42.3	46.2	49.9	53.3
80°	40.1	42.9	46.9	51.3	56.0	60.5	64.9	69.0	73.5	78.5	83.5
77.5°	53.8	59.5	65.8	72.5	79.1	86.6	94.2	102.0	109.0	115.1	120.6
75°	68.1	75.9	86.3	96.8	106.7	116.6	126.6	136.4	144.8	152.8	160.7
72.5°	84.8	97.5	109.9	122.0	134.9	147.2	158.8	169.7	180.6	191.3	201.6
70°	104.8	119.2	134.2	149.4	164.3	178.0	191.5	205.2	218.6	230.7	241.6
67.5°	124.7	141.9	159.2	176.4	192.7	208.4	224.3	240.0	255.0	267.7	279.0
65°	145.2	164.5	183.8	202.4	220.2	238.5	256.4	273.7	287.8	299.6	311.0
62.5°	165.3	187.0	208.0	228.4	248.5	268.5	285.8	301.4	316.0	328.7	341.0
60°	185.7	209.4	232.2	254.6	275.9	294.2	311.8	327.4	342.1	356.1	366.5
57.5°	205.9	231.4	256.2	279.2	299.5	318.5	335.4	351.8	364.5	375.7	387.1
55°	225.7	253.1	278.6	301.3	321.9	340.0	357.1	370.9	383.6	394.1	405.2
52.5°	245.2	273.8	299.0	321.9	341.8	359.7	374.8	388.4	400.2	411.0	420.1
50°	264.3	292.3	318.4	340.0	359.8	376.6	390.8	403.9	415.4	425.3	433.5
47.5°	281.2	310.1	334.7	357.0	375.7	391.7	405.4	417.9	429.3	438.0	446.1
45°	297.0	325.5	350.5	371.6	390.0	405.0	418.3	431.2	440.7	449.3	455.6
42.5°	312.1	339.7	364.1	386.0	402.1	416.7	430.2	441.4	451.2	458.7	465.4
40°	325.0	353.4	376.8	396.6	413.2	427.1	439.6	450.8	460.4	467.8	475.1
37.5°	337.1	364.5	388.2	406.7	422.2	436.0	448.4	458.8	468.2	476.1	486.0
35°	348.7	375.1	397.1	415.2	430.3	443.8	455.7	466.3	475.6	486.4	497.9
32.5°	358.6	385.1	405.5	422.0	437.0	450.8	462.5	473.3	484.1	496.4	510.5
30°	367.0	392.5	412.8	428.3	443.1	456.1	468.8	480.4	492.3	506.9	525.4
27.5°	374.6	399.3	418.1	433.6	448.6	460.8	474.0	487.3	501.2	518.2	541.5
25°	381.8	405.4	422.7	438.5	452.4	465.1	478.8	492.5	509.7	532.3	562.7
22.5°	387.6	411.2	426.8	442.9	455.7	469.1	483.2	498.4	517.9	545.3	585.1
20°	392.2	414.6	430.3	446.2	458.3	472.6	486.9	503.5	526.9	562.5	608.6
17.5°	396.4	417.5	433.2	448.2	461.0	475.6	490.3	507.6	534.3	578.6	630.2
15°	400.2	420.0	435.6	449.8	463.3	477.9	493.4	513.1	544.1	594.2	649.8
12.5°	403.4	421.9	437.4	451.0	465.1	479.4	495.9	517.8	554.6	608.7	669.1
10°	406.1	423.4	438.6	451.9	466.4	480.3	497.9	520.8	562.1	616.9	680.7
7.5°	407.7	424.5	439.5	452.4	467.2	480.5	499.3	522.4	566.7	621.2	686.9
5°	408.6	425.5	440.6	453.2	468.1	481.2	500.5	522.6	568.6	622.0	689.2
2.5°	408.9	426.1	441.2	453.8	468.8	483.0	502.9	525.4	570.3	625.1	690.8
0°	408.6	426.3	441.4	454.0	469.1	484.3	504.4	527.1	570.0	628.0	691.1
-2.5°	408.9	426.1	441.2	453.8	468.8	483.0	502.9	525.4	570.3	625.1	690.8
-5°	408.6	425.5	440.6	453.2	468.1	481.2	500.5	522.6	568.6	622.0	689.2
-7.5°	407.7	424.5	439.5	452.4	467.2	480.5	499.3	522.4	566.7	621.2	686.9
-10°	406.1	423.4	438.6	451.9	466.4	480.3	497.9	520.8	562.1	616.9	680.7
-12.5°	403.4	421.9	437.4	451.0	465.1	479.4	495.9	517.8	554.6	608.7	669.1
-15°	400.2	420.0	435.6	449.8	463.3	477.9	493.4	513.1	544.1	594.2	649.8
-17.5°	396.4	417.5	433.2	448.2	461.0	475.6	490.3	507.6	534.3	578.6	630.2
-20°	392.2	414.6	430.3	446.2	458.3	472.6	486.9	503.5	526.9	562.5	608.6



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	387.6	411.2	426.8	442.9	455.7	469.1	483.2	498.4	517.9	545.3	585.1
-25°	381.8	405.4	422.7	438.5	452.4	465.1	478.8	492.5	509.7	532.3	562.7
-27.5°	374.6	399.3	418.1	433.6	448.6	460.8	474.0	487.3	501.2	518.2	541.5
-30°	367.0	392.5	412.8	428.3	443.1	456.1	468.8	480.4	492.3	506.9	525.4
-32.5°	358.6	385.1	405.5	422.0	437.0	450.8	462.5	473.3	484.1	496.4	510.5
-35°	348.7	375.1	397.1	415.2	430.3	443.8	455.7	466.3	475.6	486.4	497.9
-37.5°	337.1	364.5	388.2	406.7	422.2	436.0	448.4	458.8	468.2	476.1	486.0
-40°	325.0	353.4	376.8	396.6	413.2	427.1	439.6	450.8	460.4	467.8	475.1
-42.5°	312.1	339.7	364.1	386.0	402.1	416.7	430.2	441.4	451.2	458.7	465.4
-45°	297.0	325.5	350.5	371.6	390.0	405.0	418.3	431.2	440.7	449.3	455.6
-47.5°	281.2	310.1	334.7	357.0	375.7	391.7	405.4	417.9	429.3	438.0	446.1
-50°	264.3	292.3	318.4	340.0	359.8	376.6	390.8	403.9	415.4	425.3	433.5
-52.5°	245.2	273.8	299.0	321.9	341.8	359.7	374.8	388.4	400.2	411.0	420.1
-55°	225.7	253.1	278.6	301.3	321.9	340.0	357.1	370.9	383.6	394.1	405.2
-57.5°	205.9	231.4	256.2	279.2	299.5	318.5	335.4	351.8	364.5	375.7	387.1
-60°	185.7	209.4	232.2	254.6	275.9	294.2	311.8	327.4	342.1	356.1	366.5
-62.5°	165.3	187.0	208.0	228.4	248.5	268.5	285.8	301.4	316.0	328.7	341.0
-65°	145.2	164.5	183.8	202.4	220.2	238.5	256.4	273.7	287.8	299.6	311.0
-67.5°	124.7	141.9	159.2	176.4	192.7	208.4	224.3	240.0	255.0	267.7	279.0
-70°	104.8	119.2	134.2	149.4	164.3	178.0	191.5	205.2	218.6	230.7	241.6
-72.5°	84.8	97.5	109.9	122.0	134.9	147.2	158.8	169.7	180.6	191.3	201.6
-75°	68.1	75.9	86.3	96.8	106.7	116.6	126.6	136.4	144.8	152.8	160.7
-77.5°	53.8	59.5	65.8	72.5	79.1	86.6	94.2	102.0	109.0	115.1	120.6
-80°	40.1	42.9	46.9	51.3	56.0	60.5	64.9	69.0	73.5	78.5	83.5
-82.5°	27.8	30.3	32.3	34.1	35.9	37.6	39.4	42.3	46.2	49.9	53.3
-85°	16.3	17.7	19.5	21.0	22.5	23.8	25.0	26.0	27.5	29.1	30.6
-87.5°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	14.5	14.4	14.2	14.0	13.7	13.9	14.2	14.4	14.6	14.7	14.9
85°	32.2	33.5	34.9	36.3	37.7	38.7	39.5	40.3	41.0	41.6	42.1
82.5°	56.4	59.3	61.9	64.3	66.4	68.2	69.7	71.1	72.3	73.4	74.2
80°	88.1	92.4	96.6	100.4	103.9	106.8	109.1	111.1	112.7	114.4	115.9
77.5°	125.9	132.0	137.7	143.0	147.6	151.5	154.9	157.9	160.4	163.4	166.2
75°	168.6	175.9	182.6	188.7	194.3	199.3	203.8	207.7	211.0	214.4	217.2
72.5°	211.3	220.1	227.9	234.4	240.4	246.1	251.7	257.0	261.8	265.5	268.1
70°	251.6	260.6	268.9	276.3	283.3	290.5	297.8	304.5	310.7	314.6	316.9
67.5°	288.5	297.7	307.1	316.3	324.6	332.1	339.5	346.1	352.1	356.2	358.7
65°	321.8	332.0	342.2	351.7	360.4	366.8	373.4	379.7	385.6	390.4	393.9
62.5°	353.0	363.1	371.6	379.6	387.1	393.4	400.0	405.8	410.9	415.4	419.6
60°	376.8	387.0	395.4	402.8	409.7	416.2	421.3	425.6	429.0	431.8	434.5
57.5°	397.3	407.0	415.4	421.6	427.7	433.8	438.2	440.9	443.1	444.6	445.7
55°	414.8	422.7	429.7	436.6	442.6	447.9	451.8	453.6	454.7	455.3	455.9
52.5°	429.0	436.7	443.9	450.4	455.1	459.5	463.4	464.4	465.0	465.2	465.3
50°	441.9	449.4	455.2	460.6	465.5	469.5	472.8	474.3	475.2	475.4	474.9
47.5°	452.3	458.8	465.1	470.7	475.7	480.3	484.1	486.2	487.8	488.4	488.4
45°	461.5	469.1	475.8	482.3	488.1	494.1	499.3	502.8	506.3	508.8	510.0
42.5°	472.4	479.9	487.4	496.3	504.7	512.5	521.1	528.7	536.5	544.9	550.5
40°	483.4	491.5	503.0	513.9	526.0	537.1	555.1	573.1	586.8	598.4	609.0
37.5°	496.0	507.8	521.6	535.6	555.5	576.1	598.8	621.2	640.6	658.2	672.4
35°	510.4	526.4	543.3	568.2	593.5	618.9	646.1	675.8	701.0	719.4	732.6
32.5°	528.1	548.3	575.3	607.1	638.2	671.1	704.0	737.1	761.9	787.6	813.4
30°	547.7	576.8	611.7	650.4	689.2	728.6	769.9	815.8	859.4	906.4	973.5
27.5°	572.8	608.2	649.2	695.0	741.7	788.6	860.6	939.4	1056.4	1149.9	1308.5
25°	599.5	641.0	689.9	742.9	800.0	884.1	1015.7	1171.3	1447.0	1660.8	1985.1
22.5°	629.3	678.1	732.1	793.0	885.2	1043.8	1268.9	1668.4	2224.3	2773.3	3383.9
20°	658.7	712.6	771.8	864.0	1020.5	1271.4	1759.0	2622.8	3587.5	4961.1	6114.0
17.5°	686.6	743.8	818.9	943.7	1178.0	1682.6	2627.0	4106.5	6121.5	8335.6	10182.0
15°	711.0	769.6	870.7	1068.3	1464.1	2250.1	3676.1	6194.2	9579.7	12611.2	15315.1
12.5°	731.7	801.0	926.8	1168.9	1712.6	2876.0	5163.4	8739.1	12873.3	17124.8	20546.6
10°	746.7	834.4	1001.8	1354.9	2107.4	3620.9	6403.1	10913.4	15891.3	21058.6	27244.4
7.5°	755.8	858.3	1058.6	1493.1	2459.5	4450.2	7958.2	12854.8	18571.2	25625.2	35076.2
5°	762.4	874.5	1100.7	1597.1	2694.7	4998.4	8940.0	14325.7	20883.5	31083.1	50533.9
2.5°	765.5	881.6	1124.6	1654.2	2801.9	5280.3	9631.0	15167.9	22290.3	34933.4	61242.2
0°	764.2	877.7	1127.4	1667.2	2817.3	5496.0	9745.9	15408.3	22765.7	35278.5	64675.2
-2.5°	765.5	881.6	1124.6	1654.2	2801.9	5280.3	9631.0	15167.9	22290.3	34933.4	61242.2
-5°	762.4	874.5	1100.7	1597.1	2694.7	4998.4	8940.0	14325.7	20883.5	31083.1	50533.9
-7.5°	755.8	858.3	1058.6	1493.1	2459.5	4450.2	7958.2	12854.8	18571.2	25625.2	35076.2
-10°	746.7	834.4	1001.8	1354.9	2107.4	3620.9	6403.1	10913.4	15891.3	21058.6	27244.4
-12.5°	731.7	801.0	926.8	1168.9	1712.6	2876.0	5163.4	8739.1	12873.3	17124.8	20546.6
-15°	711.0	769.6	870.7	1068.3	1464.1	2250.1	3676.1	6194.2	9579.7	12611.2	15315.1
-17.5°	686.6	743.8	818.9	943.7	1178.0	1682.6	2627.0	4106.5	6121.5	8335.6	10182.0
-20°	658.7	712.6	771.8	864.0	1020.5	1271.4	1759.0	2622.8	3587.5	4961.1	6114.0



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	629.3	678.1	732.1	793.0	885.2	1043.8	1268.9	1668.4	2224.3	2773.3	3383.9
-25°	599.5	641.0	689.9	742.9	800.0	884.1	1015.7	1171.3	1447.0	1660.8	1985.1
-27.5°	572.8	608.2	649.2	695.0	741.7	788.6	860.6	939.4	1056.4	1149.9	1308.5
-30°	547.7	576.8	611.7	650.4	689.2	728.6	769.9	815.8	859.4	906.4	973.5
-32.5°	528.1	548.3	575.3	607.1	638.2	671.1	704.0	737.1	761.9	787.6	813.4
-35°	510.4	526.4	543.3	568.2	593.5	618.9	646.1	675.8	701.0	719.4	732.6
-37.5°	496.0	507.8	521.6	535.6	555.5	576.1	598.8	621.2	640.6	658.2	672.4
-40°	483.4	491.5	503.0	513.9	526.0	537.1	555.1	573.1	586.8	598.4	609.0
-42.5°	472.4	479.9	487.4	496.3	504.7	512.5	521.1	528.7	536.5	544.9	550.5
-45°	461.5	469.1	475.8	482.3	488.1	494.1	499.3	502.8	506.3	508.8	510.0
-47.5°	452.3	458.8	465.1	470.7	475.7	480.3	484.1	486.2	487.8	488.4	488.4
-50°	441.9	449.4	455.2	460.6	465.5	469.5	472.8	474.3	475.2	475.4	474.9
-52.5°	429.0	436.7	443.9	450.4	455.1	459.5	463.4	464.4	465.0	465.2	465.3
-55°	414.8	422.7	429.7	436.6	442.6	447.9	451.8	453.6	454.7	455.3	455.9
-57.5°	397.3	407.0	415.4	421.6	427.7	433.8	438.2	440.9	443.1	444.6	445.7
-60°	376.8	387.0	395.4	402.8	409.7	416.2	421.3	425.6	429.0	431.8	434.5
-62.5°	353.0	363.1	371.6	379.6	387.1	393.4	400.0	405.8	410.9	415.4	419.6
-65°	321.8	332.0	342.2	351.7	360.4	366.8	373.4	379.7	385.6	390.4	393.9
-67.5°	288.5	297.7	307.1	316.3	324.6	332.1	339.5	346.1	352.1	356.2	358.7
-70°	251.6	260.6	268.9	276.3	283.3	290.5	297.8	304.5	310.7	314.6	316.9
-72.5°	211.3	220.1	227.9	234.4	240.4	246.1	251.7	257.0	261.8	265.5	268.1
-75°	168.6	175.9	182.6	188.7	194.3	199.3	203.8	207.7	211.0	214.4	217.2
-77.5°	125.9	132.0	137.7	143.0	147.6	151.5	154.9	157.9	160.4	163.4	166.2
-80°	88.1	92.4	96.6	100.4	103.9	106.8	109.1	111.1	112.7	114.4	115.9
-82.5°	56.4	59.3	61.9	64.3	66.4	68.2	69.7	71.1	72.3	73.4	74.2
-85°	32.2	33.5	34.9	36.3	37.7	38.7	39.5	40.3	41.0	41.6	42.1
-87.5°	14.5	14.4	14.2	14.0	13.7	13.9	14.2	14.4	14.6	14.7	14.9
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	15.0	15.0	15.1	15.1	15.1	15.0	15.0	14.9	14.7	14.6	14.4
85°	42.4	42.7	42.8	42.9	42.8	42.7	42.4	42.1	41.6	41.0	40.3
82.5°	74.9	75.3	75.6	75.7	75.6	75.3	74.9	74.2	73.4	72.3	71.1
80°	117.0	117.8	118.3	118.5	118.3	117.8	117.0	115.9	114.4	112.7	111.1
77.5°	168.6	170.4	171.2	171.5	171.2	170.4	168.6	166.2	163.4	160.4	157.9
75°	219.3	220.8	221.7	222.0	221.7	220.8	219.3	217.2	214.4	211.0	207.7
72.5°	270.0	271.1	273.2	274.9	273.2	271.1	270.0	268.1	265.5	261.8	257.0
70°	318.3	318.9	321.1	322.8	321.1	318.9	318.3	316.9	314.6	310.7	304.5
67.5°	360.6	361.8	361.7	360.7	361.7	361.8	360.6	358.7	356.2	352.1	346.1
65°	396.9	399.3	399.5	398.5	399.5	399.3	396.9	393.9	390.4	385.6	379.7
62.5°	423.5	427.1	428.5	428.8	428.5	427.1	423.5	419.6	415.4	410.9	405.8
60°	436.6	438.2	438.8	438.9	438.8	438.2	436.6	434.5	431.8	429.0	425.6
57.5°	446.2	446.2	446.3	446.4	446.3	446.2	446.2	445.7	444.6	443.1	440.9
55°	456.2	456.2	455.4	454.0	455.4	456.2	456.2	455.9	455.3	454.7	453.6
52.5°	465.0	464.2	463.0	461.6	463.0	464.2	465.0	465.3	465.2	465.0	464.4
50°	473.8	472.3	471.5	471.7	471.5	472.3	473.8	474.9	475.4	475.2	474.3
47.5°	488.0	486.9	486.5	486.8	486.5	486.9	488.0	488.4	488.4	487.8	486.2
45°	510.4	509.6	509.0	509.5	509.0	509.6	510.4	510.0	508.8	506.3	502.8
42.5°	553.7	554.1	553.8	554.9	553.8	554.1	553.7	550.5	544.9	536.5	528.7
40°	613.2	612.9	610.9	610.4	610.9	612.9	613.2	609.0	598.4	586.8	573.1
37.5°	678.2	678.3	676.2	676.0	676.2	678.3	678.2	672.4	658.2	640.6	621.2
35°	739.5	741.9	741.4	739.0	741.4	741.9	739.5	732.6	719.4	701.0	675.8
32.5°	831.6	845.8	853.2	850.0	853.2	845.8	831.6	813.4	787.6	761.9	737.1
30°	1015.7	1052.0	1071.1	1079.5	1071.1	1052.0	1015.7	973.5	906.4	859.4	815.8
27.5°	1422.1	1502.2	1538.2	1551.2	1538.2	1502.2	1422.1	1308.5	1149.9	1056.4	939.4
25°	2268.5	2449.6	2538.9	2567.6	2538.9	2449.6	2268.5	1985.1	1660.8	1447.0	1171.3
22.5°	4056.3	4405.1	4643.5	4696.4	4643.5	4405.1	4056.3	3383.9	2773.3	2224.3	1668.4
20°	7273.1	7947.5	8313.4	8280.5	8313.4	7947.5	7273.1	6114.0	4961.1	3587.5	2622.8
17.5°	11751.5	12616.4	13028.1	12835.7	13028.1	12616.4	11751.5	10182.0	8335.6	6121.5	4106.5
15°	17227.3	18395.7	18905.4	19063.1	18905.4	18395.7	17227.3	15315.1	12611.2	9579.7	6194.2
12.5°	23962.4	27792.9	29624.7	30115.5	29624.7	27792.9	23962.4	20546.6	17124.8	12873.3	8739.1
10°	33571.5	46447.3	54105.9	55976.0	54105.9	46447.3	33571.5	27244.4	21058.6	15891.3	10913.4
7.5°	54825.2	80989.8	110300.1	124179.7	110300.1	80989.8	54825.2	35076.2	25625.2	18571.2	12854.8
5°	83608.3	145108.9	212971.2	239574.5	212971.2	145108.9	83608.3	50533.9	31083.1	20883.5	14325.7
2.5°	118599.1	219103.4	312872.5	347827.6	312872.5	219103.4	118599.1	61242.2	34933.4	22290.3	15167.9
0°	133382.1	252601.8	344717.7	374660.4	344717.7	252601.8	133382.1	64675.2	35278.5	22765.7	15408.3
-2.5°	118599.1	219103.4	312872.5	347827.5	312872.5	219103.4	118599.1	61242.2	34933.4	22290.3	15167.9
-5°	83608.3	145108.9	212971.2	239574.5	212971.2	145108.9	83608.3	50533.9	31083.1	20883.5	14325.7
-7.5°	54825.2	80989.8	110300.1	124179.7	110300.1	80989.8	54825.2	35076.2	25625.2	18571.2	12854.8
-10°	33571.5	46447.3	54105.9	55976.0	54105.9	46447.3	33571.5	27244.4	21058.6	15891.3	10913.4
-12.5°	23962.4	27792.9	29624.7	30115.5	29624.7	27792.9	23962.4	20546.6	17124.8	12873.3	8739.1
-15°	17227.3	18395.7	18905.4	19063.1	18905.4	18395.7	17227.3	15315.1	12611.2	9579.7	6194.2
-17.5°	11751.5	12616.4	13028.1	12835.7	13028.1	12616.4	11751.5	10182.0	8335.6	6121.5	4106.5
-20°	7273.1	7947.5	8313.4	8280.5	8313.4	7947.5	7273.1	6114.0	4961.1	3587.5	2622.8



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4056.3	4405.1	4643.5	4696.4	4643.5	4405.1	4056.3	3383.9	2773.3	2224.3	1668.4
-25°	2268.5	2449.6	2538.9	2567.6	2538.9	2449.6	2268.5	1985.1	1660.8	1447.0	1171.3
-27.5°	1422.1	1502.2	1538.2	1551.2	1538.2	1502.2	1422.1	1308.5	1149.9	1056.4	939.4
-30°	1015.7	1052.0	1071.1	1079.5	1071.1	1052.0	1015.7	973.5	906.4	859.4	815.8
-32.5°	831.6	845.8	853.2	850.0	853.2	845.8	831.6	813.4	787.6	761.9	737.1
-35°	739.5	741.9	741.4	739.0	741.4	741.9	739.5	732.6	719.4	701.0	675.8
-37.5°	678.2	678.3	676.2	676.0	676.2	678.3	678.2	672.4	658.2	640.6	621.2
-40°	613.2	612.9	610.9	610.4	610.9	612.9	613.2	609.0	598.4	586.8	573.1
-42.5°	553.7	554.1	553.8	554.9	553.8	554.1	553.7	550.5	544.9	536.5	528.7
-45°	510.4	509.6	509.0	509.5	509.0	509.6	510.4	510.0	508.8	506.3	502.8
-47.5°	488.0	486.9	486.5	486.8	486.5	486.9	488.0	488.4	488.4	487.8	486.2
-50°	473.8	472.3	471.5	471.7	471.5	472.3	473.8	474.9	475.4	475.2	474.3
-52.5°	465.0	464.2	463.0	461.6	463.0	464.2	465.0	465.3	465.2	465.0	464.4
-55°	456.2	456.2	455.4	454.0	455.4	456.2	456.2	455.9	455.3	454.7	453.6
-57.5°	446.2	446.2	446.3	446.4	446.3	446.2	446.2	445.7	444.6	443.1	440.9
-60°	436.6	438.2	438.8	438.9	438.8	438.2	436.6	434.5	431.8	429.0	425.6
-62.5°	423.5	427.1	428.5	428.8	428.5	427.1	423.5	419.6	415.4	410.9	405.8
-65°	396.9	399.3	399.5	398.5	399.5	399.3	396.9	393.9	390.4	385.6	379.7
-67.5°	360.6	361.8	361.7	360.7	361.7	361.8	360.6	358.7	356.2	352.1	346.1
-70°	318.3	318.9	321.1	322.8	321.1	318.9	318.3	316.9	314.6	310.7	304.5
-72.5°	270.0	271.1	273.2	274.9	273.2	271.1	270.0	268.1	265.5	261.8	257.0
-75°	219.3	220.8	221.7	222.0	221.7	220.8	219.3	217.2	214.4	211.0	207.7
-77.5°	168.6	170.4	171.2	171.5	171.2	170.4	168.6	166.2	163.4	160.4	157.9
-80°	117.0	117.8	118.3	118.5	118.3	117.8	117.0	115.9	114.4	112.7	111.1
-82.5°	74.9	75.3	75.6	75.7	75.6	75.3	74.9	74.2	73.4	72.3	71.1
-85°	42.4	42.7	42.8	42.9	42.8	42.7	42.4	42.1	41.6	41.0	40.3
-87.5°	15.0	15.0	15.1	15.1	15.1	15.0	15.0	14.9	14.7	14.6	14.4
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	14.2	13.9	13.7	14.0	14.2	14.4	14.5	14.0	13.6	13.0	12.5
85°	39.5	38.7	37.7	36.3	34.9	33.5	32.2	30.6	29.1	27.5	26.0
82.5°	69.7	68.2	66.4	64.3	61.9	59.3	56.4	53.3	49.9	46.2	42.3
80°	109.1	106.8	103.9	100.4	96.6	92.4	88.1	83.5	78.5	73.5	69.0
77.5°	154.9	151.5	147.6	143.0	137.7	132.0	125.9	120.6	115.1	109.0	102.0
75°	203.8	199.3	194.3	188.7	182.6	175.9	168.6	160.7	152.8	144.8	136.4
72.5°	251.7	246.1	240.4	234.4	227.9	220.1	211.3	201.6	191.3	180.6	169.7
70°	297.8	290.5	283.3	276.3	268.9	260.6	251.6	241.6	230.7	218.6	205.2
67.5°	339.5	332.1	324.6	316.3	307.1	297.7	288.5	279.0	267.7	255.0	240.0
65°	373.4	366.8	360.4	351.7	342.2	332.0	321.8	311.0	299.6	287.8	273.7
62.5°	400.0	393.4	387.1	379.6	371.6	363.1	353.0	341.0	328.7	316.0	301.4
60°	421.3	416.2	409.7	402.8	395.4	387.0	376.8	366.5	356.1	342.1	327.4
57.5°	438.2	433.8	427.7	421.6	415.4	407.0	397.3	387.1	375.7	364.5	351.8
55°	451.8	447.9	442.6	436.6	429.7	422.7	414.8	405.2	394.1	383.6	370.9
52.5°	463.4	459.5	455.1	450.4	443.9	436.7	429.0	420.1	411.0	400.2	388.4
50°	472.8	469.5	465.5	460.6	455.2	449.4	441.9	433.5	425.3	415.4	403.9
47.5°	484.1	480.3	475.7	470.7	465.1	458.8	452.3	446.1	438.0	429.3	417.9
45°	499.3	494.1	488.1	482.3	475.8	469.1	461.5	455.6	449.3	440.7	431.2
42.5°	521.1	512.5	504.7	496.3	487.4	479.9	472.4	465.4	458.7	451.2	441.4
40°	555.1	537.1	526.0	513.9	503.0	491.5	483.4	475.1	467.8	460.4	450.8
37.5°	598.8	576.1	555.5	535.6	521.6	507.8	496.0	486.0	476.1	468.2	458.8
35°	646.1	618.9	593.5	568.2	543.3	526.4	510.4	497.9	486.4	475.6	466.3
32.5°	704.0	671.1	638.2	607.1	575.3	548.3	528.1	510.5	496.4	484.1	473.3
30°	769.9	728.6	689.2	650.4	611.7	576.8	547.7	525.4	506.9	492.3	480.4
27.5°	860.6	788.6	741.7	695.0	649.2	608.2	572.8	541.5	518.2	501.2	487.3
25°	1015.7	884.1	800.0	742.9	689.9	641.0	599.5	562.7	532.3	509.7	492.5
22.5°	1268.9	1043.8	885.2	793.0	732.1	678.1	629.3	585.1	545.3	517.9	498.4
20°	1759.0	1271.4	1020.5	864.0	771.8	712.6	658.7	608.6	562.5	526.9	503.5
17.5°	2627.0	1682.6	1178.0	943.7	818.9	743.8	686.6	630.2	578.6	534.3	507.6
15°	3676.1	2250.1	1464.1	1068.3	870.7	769.6	711.0	649.8	594.2	544.1	513.1
12.5°	5163.4	2876.0	1712.6	1168.9	926.8	801.0	731.7	669.1	608.7	554.6	517.8
10°	6403.1	3620.9	2107.4	1354.9	1001.8	834.4	746.7	680.7	616.9	562.1	520.8
7.5°	7958.2	4450.2	2459.5	1493.1	1058.6	858.3	755.8	686.9	621.2	566.7	522.4
5°	8940.0	4998.4	2694.7	1597.1	1100.7	874.5	762.4	689.2	622.0	568.6	522.6
2.5°	9631.0	5280.3	2801.9	1654.2	1124.6	881.6	765.5	690.8	625.1	570.3	525.4
0°	9745.9	5496.0	2817.3	1667.2	1127.4	877.7	764.2	691.1	628.0	570.0	527.1
-2.5°	9631.0	5280.3	2801.9	1654.2	1124.6	881.6	765.5	690.8	625.1	570.3	525.4
-5°	8940.0	4998.4	2694.7	1597.1	1100.7	874.5	762.4	689.2	622.0	568.6	522.6
-7.5°	7958.2	4450.2	2459.5	1493.1	1058.6	858.3	755.8	686.9	621.2	566.7	522.4
-10°	6403.1	3620.9	2107.4	1354.9	1001.8	834.4	746.7	680.7	616.9	562.1	520.8
-12.5°	5163.4	2876.0	1712.6	1168.9	926.8	801.0	731.7	669.1	608.7	554.6	517.8
-15°	3676.1	2250.1	1464.1	1068.3	870.7	769.6	711.0	649.8	594.2	544.1	513.1
-17.5°	2627.0	1682.6	1178.0	943.7	818.9	743.8	686.6	630.2	578.6	534.3	507.6
-20°	1759.0	1271.4	1020.5	864.0	771.8	712.6	658.7	608.6	562.5	526.9	503.5



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1268.9	1043.8	885.2	793.0	732.1	678.1	629.3	585.1	545.3	517.9	498.4
-25°	1015.7	884.1	800.0	742.9	689.9	641.0	599.5	562.7	532.3	509.7	492.5
-27.5°	860.6	788.6	741.7	695.0	649.2	608.2	572.8	541.5	518.2	501.2	487.3
-30°	769.9	728.6	689.2	650.4	611.7	576.8	547.7	525.4	506.9	492.3	480.4
-32.5°	704.0	671.1	638.2	607.1	575.3	548.3	528.1	510.5	496.4	484.1	473.3
-35°	646.1	618.9	593.5	568.2	543.3	526.4	510.4	497.9	486.4	475.6	466.3
-37.5°	598.8	576.1	555.5	535.6	521.6	507.8	496.0	486.0	476.1	468.2	458.8
-40°	555.1	537.1	526.0	513.9	503.0	491.5	483.4	475.1	467.8	460.4	450.8
-42.5°	521.1	512.5	504.7	496.3	487.4	479.9	472.4	465.4	458.7	451.2	441.4
-45°	499.3	494.1	488.1	482.3	475.8	469.1	461.5	455.6	449.3	440.7	431.2
-47.5°	484.1	480.3	475.7	470.7	465.1	458.8	452.3	446.1	438.0	429.3	417.9
-50°	472.8	469.5	465.5	460.6	455.2	449.4	441.9	433.5	425.3	415.4	403.9
-52.5°	463.4	459.5	455.1	450.4	443.9	436.7	429.0	420.1	411.0	400.2	388.4
-55°	451.8	447.9	442.6	436.6	429.7	422.7	414.8	405.2	394.1	383.6	370.9
-57.5°	438.2	433.8	427.7	421.6	415.4	407.0	397.3	387.1	375.7	364.5	351.8
-60°	421.3	416.2	409.7	402.8	395.4	387.0	376.8	366.5	356.1	342.1	327.4
-62.5°	400.0	393.4	387.1	379.6	371.6	363.1	353.0	341.0	328.7	316.0	301.4
-65°	373.4	366.8	360.4	351.7	342.2	332.0	321.8	311.0	299.6	287.8	273.7
-67.5°	339.5	332.1	324.6	316.3	307.1	297.7	288.5	279.0	267.7	255.0	240.0
-70°	297.8	290.5	283.3	276.3	268.9	260.6	251.6	241.6	230.7	218.6	205.2
-72.5°	251.7	246.1	240.4	234.4	227.9	220.1	211.3	201.6	191.3	180.6	169.7
-75°	203.8	199.3	194.3	188.7	182.6	175.9	168.6	160.7	152.8	144.8	136.4
-77.5°	154.9	151.5	147.6	143.0	137.7	132.0	125.9	120.6	115.1	109.0	102.0
-80°	109.1	106.8	103.9	100.4	96.6	92.4	88.1	83.5	78.5	73.5	69.0
-82.5°	69.7	68.2	66.4	64.3	61.9	59.3	56.4	53.3	49.9	46.2	42.3
-85°	39.5	38.7	37.7	36.3	34.9	33.5	32.2	30.6	29.1	27.5	26.0
-87.5°	14.2	13.9	13.7	14.0	14.2	14.4	14.5	14.0	13.6	13.0	12.5
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.3
85°	25.0	23.8	22.5	21.0	19.5	17.7	16.3	14.9	13.5	12.1	10.6
82.5°	39.4	37.6	35.9	34.1	32.3	30.3	27.8	25.0	21.6	18.3	15.9
80°	64.9	60.5	56.0	51.3	46.9	42.9	40.1	36.6	31.8	27.2	22.8
77.5°	94.2	86.6	79.1	72.5	65.8	59.5	53.8	48.3	42.0	36.1	30.4
75°	126.6	116.6	106.7	96.8	86.3	75.9	68.1	60.8	53.1	45.0	37.9
72.5°	158.8	147.2	134.9	122.0	109.9	97.5	84.8	73.3	64.6	55.4	45.8
70°	191.5	178.0	164.3	149.4	134.2	119.2	104.8	90.2	76.1	65.7	55.0
67.5°	224.3	208.4	192.7	176.4	159.2	141.9	124.7	107.9	91.7	76.0	64.1
65°	256.4	238.5	220.2	202.4	183.8	164.5	145.2	125.6	106.9	89.3	73.1
62.5°	285.8	268.5	248.5	228.4	208.0	187.0	165.3	143.8	122.0	102.2	83.5
60°	311.8	294.2	275.9	254.6	232.2	209.4	185.7	161.7	138.2	114.7	94.3
57.5°	335.4	318.5	299.5	279.2	256.2	231.4	205.9	179.8	153.9	128.3	104.7
55°	357.1	340.0	321.9	301.3	278.6	253.1	225.7	197.8	169.4	142.0	114.9
52.5°	374.8	359.7	341.8	321.9	299.0	273.8	245.2	215.2	185.1	155.2	126.4
50°	390.8	376.6	359.8	340.0	318.4	292.3	264.3	232.5	200.4	168.2	137.8
47.5°	405.4	391.7	375.7	357.0	334.7	310.1	281.2	249.5	215.1	181.3	148.7
45°	418.3	405.0	390.0	371.6	350.5	325.5	297.0	265.9	229.8	194.0	159.1
42.5°	430.2	416.7	402.1	386.0	364.1	339.7	312.1	279.9	244.1	206.1	169.4
40°	439.6	427.1	413.2	396.6	376.8	353.4	325.0	293.1	257.7	217.9	179.5
37.5°	448.4	436.0	422.2	406.7	388.2	364.5	337.1	305.6	270.1	229.4	189.2
35°	455.7	443.8	430.3	415.2	397.1	375.1	348.7	316.9	280.5	240.1	198.3
32.5°	462.5	450.8	437.0	422.0	405.5	385.1	358.6	326.5	290.3	250.1	206.8
30°	468.8	456.1	443.1	428.3	412.8	392.5	367.0	335.5	299.4	259.4	214.8
27.5°	474.0	460.8	448.6	433.6	418.1	399.3	374.6	343.9	307.8	267.5	222.4
25°	478.8	465.1	452.4	438.5	422.7	405.4	381.8	351.5	315.0	274.3	229.2
22.5°	483.2	469.1	455.7	442.9	426.8	411.2	387.6	357.2	321.1	280.5	235.4
20°	486.9	472.6	458.3	446.2	430.3	414.6	392.2	362.5	326.6	286.0	240.9
17.5°	490.3	475.6	461.0	448.2	433.2	417.5	396.4	367.1	331.5	290.9	245.7
15°	493.4	477.9	463.3	449.8	435.6	420.0	400.2	371.2	335.6	295.0	249.8
12.5°	495.9	479.4	465.1	451.0	437.4	421.9	403.4	374.7	339.1	298.5	253.2
10°	497.9	480.3	466.4	451.9	438.6	423.4	406.1	377.5	341.8	301.3	255.9
7.5°	499.3	480.5	467.2	452.4	439.5	424.5	407.7	379.4	343.8	303.3	257.9
5°	500.5	481.2	468.1	453.2	440.6	425.5	408.6	380.6	345.1	304.7	259.2
2.5°	502.9	483.0	468.8	453.8	441.2	426.1	408.9	381.1	345.7	305.3	259.9
0°	504.4	484.3	469.1	454.0	441.4	426.3	408.6	380.9	345.5	305.2	259.8
-2.5°	502.9	483.0	468.8	453.8	441.2	426.1	408.9	381.1	345.7	305.3	259.9
-5°	500.5	481.2	468.1	453.2	440.6	425.5	408.6	380.6	345.1	304.7	259.2
-7.5°	499.3	480.5	467.2	452.4	439.5	424.5	407.7	379.4	343.8	303.3	257.9
-10°	497.9	480.3	466.4	451.9	438.6	423.4	406.1	377.5	341.8	301.3	255.9
-12.5°	495.9	479.4	465.1	451.0	437.4	421.9	403.4	374.7	339.1	298.5	253.2
-15°	493.4	477.9	463.3	449.8	435.6	420.0	400.2	371.2	335.6	295.0	249.8
-17.5°	490.3	475.6	461.0	448.2	433.2	417.5	396.4	367.1	331.5	290.9	245.7
-20°	486.9	472.6	458.3	446.2	430.3	414.6	392.2	362.5	326.6	286.0	240.9



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	483.2	469.1	455.7	442.9	426.8	411.2	387.6	357.2	321.1	280.5	235.4
-25°	478.8	465.1	452.4	438.5	422.7	405.4	381.8	351.5	315.0	274.3	229.2
-27.5°	474.0	460.8	448.6	433.6	418.1	399.3	374.6	343.9	307.8	267.5	222.4
-30°	468.8	456.1	443.1	428.3	412.8	392.5	367.0	335.5	299.4	259.4	214.8
-32.5°	462.5	450.8	437.0	422.0	405.5	385.1	358.6	326.5	290.3	250.1	206.8
-35°	455.7	443.8	430.3	415.2	397.1	375.1	348.7	316.9	280.5	240.1	198.3
-37.5°	448.4	436.0	422.2	406.7	388.2	364.5	337.1	305.6	270.1	229.4	189.2
-40°	439.6	427.1	413.2	396.6	376.8	353.4	325.0	293.1	257.7	217.9	179.5
-42.5°	430.2	416.7	402.1	386.0	364.1	339.7	312.1	279.9	244.1	206.1	169.4
-45°	418.3	405.0	390.0	371.6	350.5	325.5	297.0	265.9	229.8	194.0	159.1
-47.5°	405.4	391.7	375.7	357.0	334.7	310.1	281.2	249.5	215.1	181.3	148.7
-50°	390.8	376.6	359.8	340.0	318.4	292.3	264.3	232.5	200.4	168.2	137.8
-52.5°	374.8	359.7	341.8	321.9	299.0	273.8	245.2	215.2	185.1	155.2	126.4
-55°	357.1	340.0	321.9	301.3	278.6	253.1	225.7	197.8	169.4	142.0	114.9
-57.5°	335.4	318.5	299.5	279.2	256.2	231.4	205.9	179.8	153.9	128.3	104.7
-60°	311.8	294.2	275.9	254.6	232.2	209.4	185.7	161.7	138.2	114.7	94.3
-62.5°	285.8	268.5	248.5	228.4	208.0	187.0	165.3	143.8	122.0	102.2	83.5
-65°	256.4	238.5	220.2	202.4	183.8	164.5	145.2	125.6	106.9	89.3	73.1
-67.5°	224.3	208.4	192.7	176.4	159.2	141.9	124.7	107.9	91.7	76.0	64.1
-70°	191.5	178.0	164.3	149.4	134.2	119.2	104.8	90.2	76.1	65.7	55.0
-72.5°	158.8	147.2	134.9	122.0	109.9	97.5	84.8	73.3	64.6	55.4	45.8
-75°	126.6	116.6	106.7	96.8	86.3	75.9	68.1	60.8	53.1	45.0	37.9
-77.5°	94.2	86.6	79.1	72.5	65.8	59.5	53.8	48.3	42.0	36.1	30.4
-80°	64.9	60.5	56.0	51.3	46.9	42.9	40.1	36.6	31.8	27.2	22.8
-82.5°	39.4	37.6	35.9	34.1	32.3	30.3	27.8	25.0	21.6	18.3	15.9
-85°	25.0	23.8	22.5	21.0	19.5	17.7	16.3	14.9	13.5	12.1	10.6
-87.5°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.3
-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: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-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°	4.6	4.0	3.3	2.6	1.8	0.9	0.0
85°	9.2	7.9	6.6	5.1	3.5	1.8	0.0
82.5°	13.7	11.9	9.9	7.6	5.3	2.6	0.0
80°	18.5	15.8	13.1	10.2	7.0	3.5	0.0
77.5°	25.0	20.3	16.4	12.7	8.7	4.4	0.0
75°	31.3	25.6	19.8	15.2	10.4	5.2	0.0
72.5°	37.7	30.9	24.0	17.7	12.1	6.1	0.0
70°	44.1	36.1	28.2	20.3	13.8	6.9	0.0
67.5°	52.1	41.2	32.3	23.4	15.4	7.7	0.0
65°	59.9	47.0	36.4	26.4	17.1	8.5	0.0
62.5°	67.5	53.2	40.4	29.4	18.6	9.3	0.0
60°	74.9	59.3	44.3	32.3	20.2	10.1	0.0
57.5°	83.7	65.3	48.9	35.2	22.1	10.9	0.0
55°	92.4	71.0	53.5	38.0	23.9	11.6	0.0
52.5°	100.9	76.8	57.9	40.7	25.7	12.3	0.0
50°	109.2	83.7	62.2	43.3	27.4	13.0	0.0
47.5°	117.3	90.3	66.3	46.0	29.0	13.6	0.0
45°	126.2	96.7	70.2	48.9	30.6	14.3	0.0
42.5°	134.7	102.8	73.9	51.7	32.1	14.9	0.0
40°	142.8	108.6	78.0	54.3	33.6	15.5	0.0
37.5°	150.4	114.2	82.4	56.8	35.0	16.0	0.0
35°	157.5	119.9	86.6	59.0	36.3	16.5	0.0
32.5°	164.4	125.5	90.6	61.1	37.5	17.0	0.0
30°	171.2	130.7	94.2	63.1	38.6	17.5	0.0
27.5°	177.5	135.5	97.5	64.9	39.7	17.9	0.0
25°	183.3	139.9	100.6	66.5	40.7	18.3	0.0
22.5°	188.6	143.9	103.4	67.9	41.6	18.7	0.0
20°	193.3	147.5	106.0	69.2	42.4	19.0	0.0
17.5°	197.6	150.7	108.3	70.2	43.1	19.3	0.0
15°	201.3	153.5	110.3	71.2	43.7	19.5	0.0
12.5°	204.6	155.9	112.0	71.9	44.2	19.7	0.0
10°	207.2	157.9	113.4	72.5	44.6	19.9	0.0
7.5°	209.2	159.4	114.5	72.9	45.0	20.0	0.0
5°	210.7	160.5	115.3	73.1	45.2	20.1	0.0
2.5°	211.6	161.2	115.8	73.2	45.4	20.2	0.0
0°	211.9	161.4	116.0	73.1	45.4	20.2	0.0
-2.5°	211.6	161.2	115.8	73.2	45.4	20.2	0.0
-5°	210.7	160.5	115.3	73.1	45.2	20.1	0.0
-7.5°	209.2	159.4	114.5	72.9	45.0	20.0	0.0
-10°	207.2	157.9	113.4	72.5	44.6	19.9	0.0
-12.5°	204.6	155.9	112.0	71.9	44.2	19.7	0.0
-15°	201.3	153.5	110.3	71.2	43.7	19.5	0.0
-17.5°	197.6	150.7	108.3	70.2	43.1	19.3	0.0
-20°	193.3	147.5	106.0	69.2	42.4	19.0	0.0



REPORT NUMBER: P559112 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	188.6	143.9	103.4	67.9	41.6	18.7	0.0
-25°	183.3	139.9	100.6	66.5	40.7	18.3	0.0
-27.5°	177.5	135.5	97.5	64.9	39.7	17.9	0.0
-30°	171.2	130.7	94.2	63.1	38.6	17.5	0.0
-32.5°	164.4	125.5	90.6	61.1	37.5	17.0	0.0
-35°	157.5	119.9	86.6	59.0	36.3	16.5	0.0
-37.5°	150.4	114.2	82.4	56.8	35.0	16.0	0.0
-40°	142.8	108.6	78.0	54.3	33.6	15.5	0.0
-42.5°	134.7	102.8	73.9	51.7	32.1	14.9	0.0
-45°	126.2	96.7	70.2	48.9	30.6	14.3	0.0
-47.5°	117.3	90.3	66.3	46.0	29.0	13.6	0.0
-50°	109.2	83.7	62.2	43.3	27.4	13.0	0.0
-52.5°	100.9	76.8	57.9	40.7	25.7	12.3	0.0
-55°	92.4	71.0	53.5	38.0	23.9	11.6	0.0
-57.5°	83.7	65.3	48.9	35.2	22.1	10.9	0.0
-60°	74.9	59.3	44.3	32.3	20.2	10.1	0.0
-62.5°	67.5	53.2	40.4	29.4	18.6	9.3	0.0
-65°	59.9	47.0	36.4	26.4	17.1	8.5	0.0
-67.5°	52.1	41.2	32.3	23.4	15.4	7.7	0.0
-70°	44.1	36.1	28.2	20.3	13.8	6.9	0.0
-72.5°	37.7	30.9	24.0	17.7	12.1	6.1	0.0
-75°	31.3	25.6	19.8	15.2	10.4	5.2	0.0
-77.5°	25.0	20.3	16.4	12.7	8.7	4.4	0.0
-80°	18.5	15.8	13.1	10.2	7.0	3.5	0.0
-82.5°	13.7	11.9	9.9	7.6	5.3	2.6	0.0
-85°	9.2	7.9	6.6	5.1	3.5	1.8	0.0
-87.5°	4.6	4.0	3.3	2.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)