

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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5E-935-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

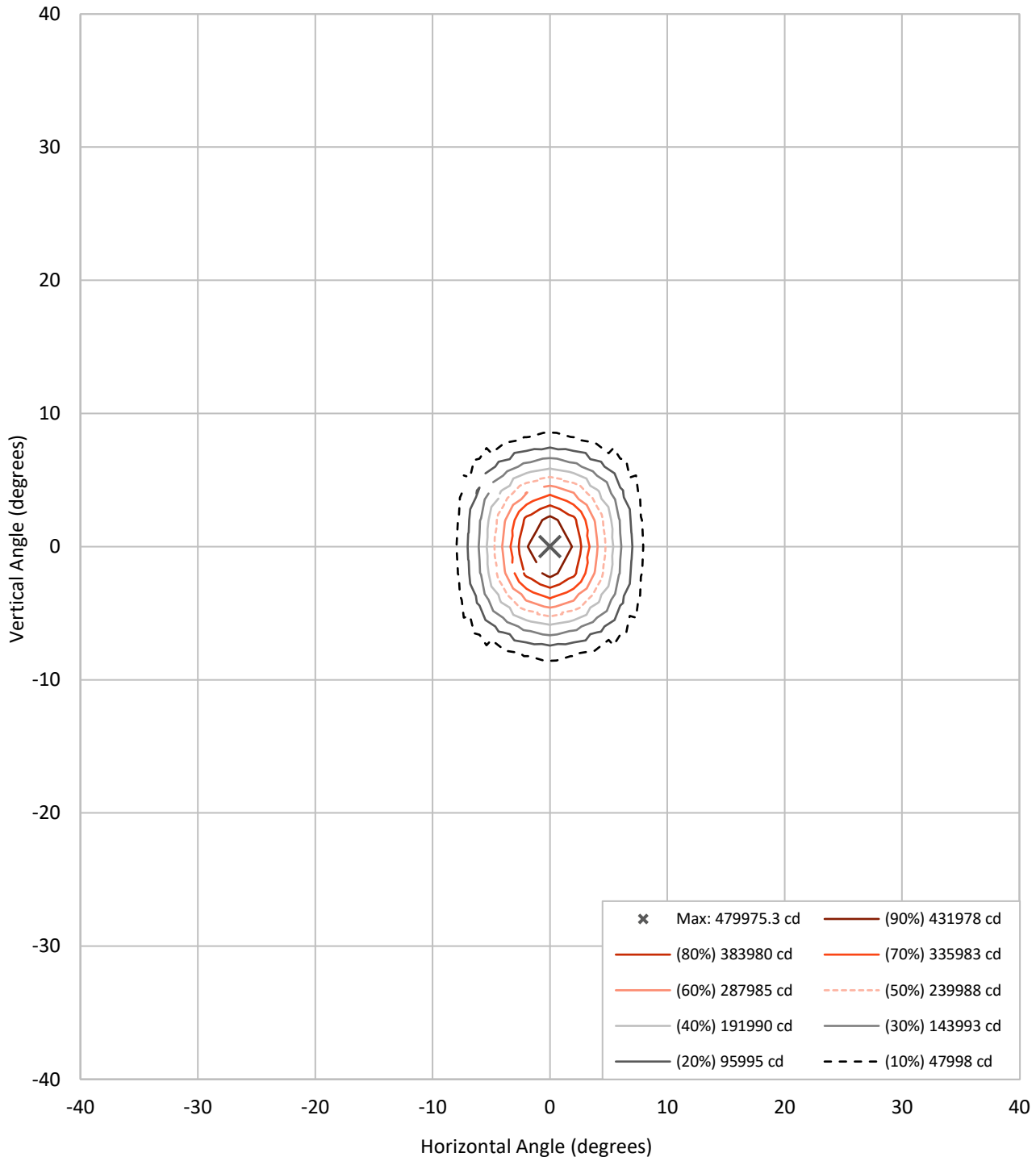
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18691.2 lumens	Max Intensity:	479975.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	8011.4 lumens	Field Lumens:	13807.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

Iso-Candela Plot





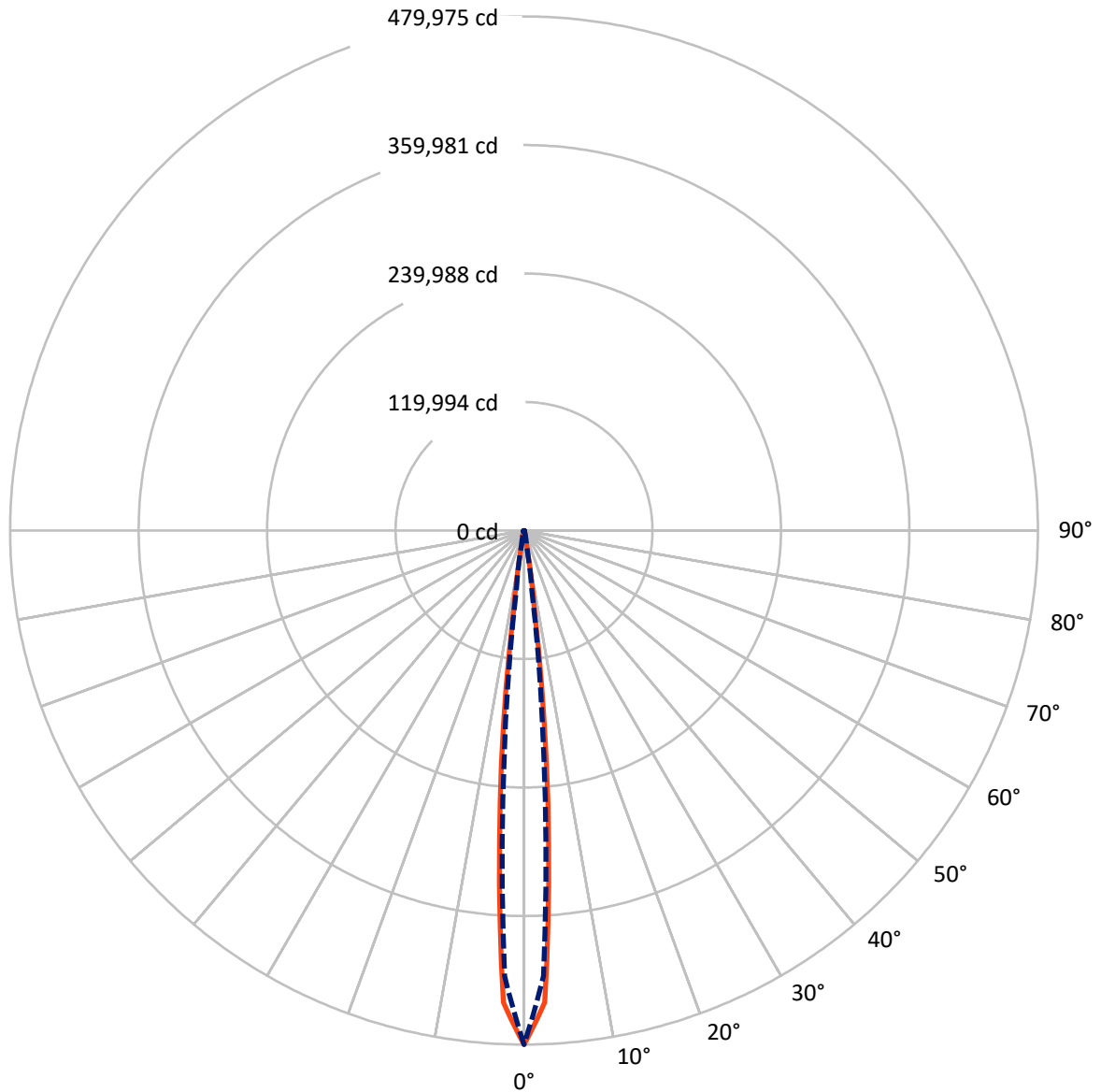
REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

Lumen Table

90	0.1	0.5		2.0		4.5		7.7		4.5		2.0		0.5		0.1			
80	0.1	0.5		2.0		4.5		7.7		4.5		2.0		0.5		0.1			
70	0.3	0.3	1.0	2.1	3.2	4.1	6.6	11.6	11.6	6.6	4.1	3.2	2.1	1.0	0.3	0.3			
60		0.7	1.9	3.8	6.1	8.3	11.1	15.1	15.1	11.1	8.3	6.1	3.8	1.9	0.7				
50	0.9	1.3	2.9	6.0	10.6	15.9	20.3	24.3	24.3	20.3	15.9	10.6	6.0	2.9	1.3	0.9			
40		2.1	4.2	9.1	16.4	22.1	25.0	26.5	26.5	25.0	22.1	16.4	9.1	4.2	2.1				
30	1.9	3.0	5.8	12.8	20.1	24.1	32.8	43.1	43.1	32.8	24.1	20.1	12.8	5.8	3.0	1.9			
20		4.1	8.0	16.3	22.3	31.7	64.2	128.4	128.4	64.2	31.7	22.3	16.3	8.0	4.1				
10	2.2	4.6	9.6	18.1	23.2	40.6	127.0	375.4	375.4	127.0	40.6	23.2	18.1	9.6	4.6	2.2			
0		4.6	9.6	18.1	23.2	40.6	127.0	375.4	375.4	127.0	40.6	23.2	18.1	9.6	4.6				
-10	1.9	4.1	8.0	16.3	22.3	31.7	64.2	128.4	128.4	64.2	31.7	22.3	16.3	8.0	4.1	1.9			
-20		3.0	5.8	12.8	20.1	24.1	32.8	43.1	43.1	32.8	24.1	20.1	12.8	5.8	3.0				
-30	0.9	2.1	4.2	9.1	16.4	22.1	25.0	26.5	26.5	25.0	22.1	16.4	9.1	4.2	2.1	0.9			
-40		1.3	2.9	6.0	10.6	15.9	20.3	24.3	24.3	20.3	15.9	10.6	6.0	2.9	1.3				
-50	0.3	0.7	1.9	3.8	6.1	8.3	11.1	15.1	15.1	11.1	8.3	6.1	3.8	1.9	0.7	0.3			
-60		0.3	1.0	2.1	3.2	4.1	6.6	11.6	11.6	6.6	4.1	3.2	2.1	1.0	0.3				
-70	0.1	0.5		2.0		4.5		7.7		4.5		2.0		0.5		0.1			
-80		0.5		2.0		4.5		7.7		4.5		2.0		0.5					
-90	0.1	0.5		2.0		4.5		7.7		4.5		2.0		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

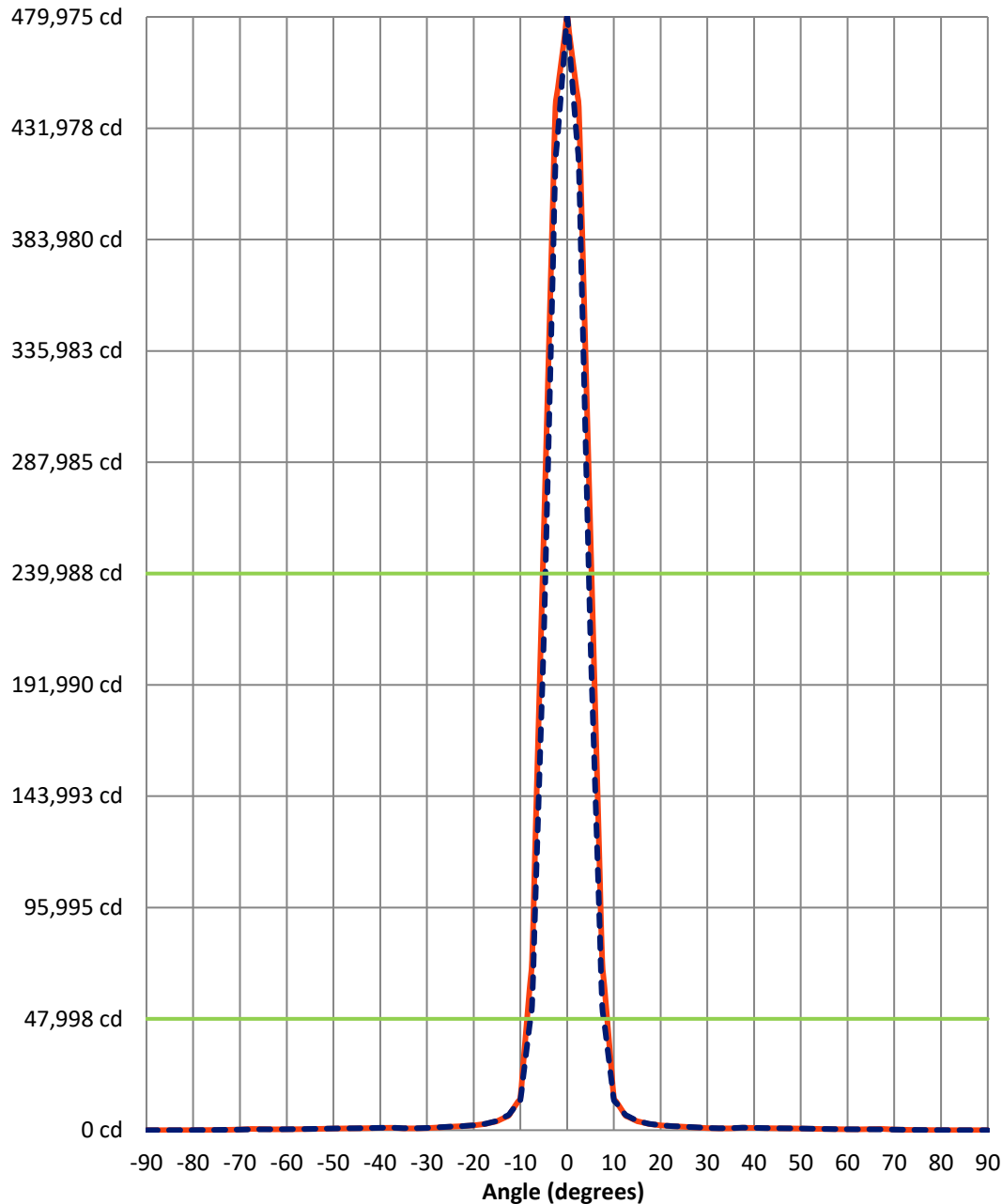
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 8011.4
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 13807.5
 Efficiency: 73.9%

Spill:
 Lumens: 4883.7
 Efficiency: 26.1%

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



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.5	5.5	5.5
80°	0.0	1.0	1.9	2.9	3.8	4.7	5.5	5.5	5.5	5.5	5.5
77.5°	0.0	1.2	2.4	3.6	4.7	5.5	5.5	5.5	5.5	5.5	6.1
75°	0.0	1.4	2.8	4.3	5.5	5.5	5.5	5.5	5.7	7.2	8.4
72.5°	0.0	1.7	3.3	4.9	5.5	5.5	5.5	6.1	8.0	9.6	10.7
70°	0.0	1.9	3.8	5.5	5.5	5.5	5.8	8.3	10.4	12.0	14.9
67.5°	0.0	2.1	4.2	5.5	5.5	5.5	7.8	10.6	12.8	16.5	19.6
65°	0.0	2.3	4.6	5.5	5.5	6.4	9.9	12.8	16.9	20.9	25.0
62.5°	0.0	2.5	5.1	5.5	5.5	8.2	11.9	16.1	21.0	25.8	32.1
60°	0.0	2.7	5.5	5.5	5.5	10.0	14.0	19.8	25.1	32.6	39.3
57.5°	0.0	3.0	5.5	5.5	6.9	11.8	17.5	23.6	31.0	39.5	47.6
55°	0.0	3.2	5.6	5.5	8.4	13.6	21.2	27.6	37.4	46.8	56.4
52.5°	0.0	3.3	5.6	5.5	9.8	15.6	25.1	33.7	43.8	55.2	65.5
50°	0.0	3.5	5.7	5.5	11.2	19.0	29.0	40.3	50.6	63.8	76.4
47.5°	0.0	3.7	5.7	5.8	12.6	22.5	33.3	47.1	58.5	72.5	88.0
45°	0.0	3.9	5.8	6.8	14.0	25.9	39.4	54.1	67.8	83.4	99.9
42.5°	0.0	4.1	5.9	7.8	15.3	29.4	45.6	62.1	77.6	94.5	114.0
40°	0.0	4.2	6.0	8.8	17.3	32.9	51.9	70.9	88.4	106.1	128.9
37.5°	0.0	4.4	6.1	9.7	20.0	36.3	58.2	79.9	100.6	120.7	144.3
35°	0.0	4.5	6.2	10.5	22.6	40.9	64.6	89.0	112.9	137.6	159.2
32.5°	0.0	4.6	6.4	11.2	25.2	45.8	71.3	98.3	125.4	155.1	178.0
30°	0.0	4.8	6.5	11.9	27.7	50.8	78.8	107.9	138.0	173.3	199.1
27.5°	0.0	4.9	6.6	12.4	29.3	55.6	86.1	118.2	151.6	192.0	222.4
25°	0.0	5.0	6.8	12.9	30.5	60.3	93.4	128.4	166.9	211.3	247.5
22.5°	0.0	5.1	6.9	13.3	31.5	64.0	100.5	138.4	182.2	231.8	268.9
20°	0.0	5.2	7.1	13.6	32.2	65.3	107.5	148.2	197.4	253.1	289.8
17.5°	0.0	5.2	7.2	13.8	32.7	66.1	111.1	157.7	212.4	275.0	310.4
15°	0.0	5.3	7.4	14.0	32.9	66.5	112.4	164.5	227.0	297.2	330.6
12.5°	0.0	5.4	7.5	14.1	32.9	66.4	113.2	168.0	236.4	319.3	350.3
10°	0.0	5.4	7.7	14.1	32.7	65.9	113.5	171.1	241.2	327.8	364.3
7.5°	0.0	5.5	7.8	14.1	32.3	65.0	113.2	173.8	244.8	333.0	366.8
5°	0.0	5.5	7.9	14.0	31.7	63.7	112.5	175.8	247.2	336.5	368.8
2.5°	0.0	5.5	8.1	13.9	30.9	62.1	111.1	177.0	248.4	338.3	370.4
0°	0.0	5.5	8.2	13.7	30.0	60.1	109.2	177.5	248.5	338.6	371.3
-2.5°	0.0	5.5	8.1	13.9	30.9	62.1	111.1	177.0	248.4	338.3	370.4
-5°	0.0	5.5	7.9	14.0	31.7	63.7	112.5	175.8	247.2	336.5	368.8
-7.5°	0.0	5.5	7.8	14.1	32.3	65.0	113.2	173.8	244.8	333.0	366.8
-10°	0.0	5.4	7.7	14.1	32.7	65.9	113.5	171.1	241.2	327.8	364.3
-12.5°	0.0	5.4	7.5	14.1	32.9	66.4	113.2	168.0	236.4	319.3	350.3
-15°	0.0	5.3	7.4	14.0	32.9	66.5	112.4	164.5	227.0	297.2	330.6
-17.5°	0.0	5.2	7.2	13.8	32.7	66.1	111.1	157.7	212.4	275.0	310.4
-20°	0.0	5.2	7.1	13.6	32.2	65.3	107.5	148.2	197.4	253.1	289.8



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.1	6.9	13.3	31.5	64.0	100.5	138.4	182.2	231.8	268.9
-25°	0.0	5.0	6.8	12.9	30.5	60.3	93.4	128.4	166.9	211.3	247.5
-27.5°	0.0	4.9	6.6	12.4	29.3	55.6	86.1	118.2	151.6	192.0	222.4
-30°	0.0	4.8	6.5	11.9	27.7	50.8	78.8	107.9	138.0	173.3	199.1
-32.5°	0.0	4.6	6.4	11.2	25.2	45.8	71.3	98.3	125.4	155.1	178.0
-35°	0.0	4.5	6.2	10.5	22.6	40.9	64.6	89.0	112.9	137.6	159.2
-37.5°	0.0	4.4	6.1	9.7	20.0	36.3	58.2	79.9	100.6	120.7	144.3
-40°	0.0	4.2	6.0	8.8	17.3	32.9	51.9	70.9	88.4	106.1	128.9
-42.5°	0.0	4.1	5.9	7.8	15.3	29.4	45.6	62.1	77.6	94.5	114.0
-45°	0.0	3.9	5.8	6.8	14.0	25.9	39.4	54.1	67.8	83.4	99.9
-47.5°	0.0	3.7	5.7	5.8	12.6	22.5	33.3	47.1	58.5	72.5	88.0
-50°	0.0	3.5	5.7	5.5	11.2	19.0	29.0	40.3	50.6	63.8	76.4
-52.5°	0.0	3.3	5.6	5.5	9.8	15.6	25.1	33.7	43.8	55.2	65.5
-55°	0.0	3.2	5.6	5.5	8.4	13.6	21.2	27.6	37.4	46.8	56.4
-57.5°	0.0	3.0	5.5	5.5	6.9	11.8	17.5	23.6	31.0	39.5	47.6
-60°	0.0	2.7	5.5	5.5	5.5	10.0	14.0	19.8	25.1	32.6	39.3
-62.5°	0.0	2.5	5.1	5.5	5.5	8.2	11.9	16.1	21.0	25.8	32.1
-65°	0.0	2.3	4.6	5.5	5.5	6.4	9.9	12.8	16.9	20.9	25.0
-67.5°	0.0	2.1	4.2	5.5	5.5	5.5	7.8	10.6	12.8	16.5	19.6
-70°	0.0	1.9	3.8	5.5	5.5	5.5	5.8	8.3	10.4	12.0	14.9
-72.5°	0.0	1.7	3.3	4.9	5.5	5.5	5.5	6.1	8.0	9.6	10.7
-75°	0.0	1.4	2.8	4.3	5.5	5.5	5.5	5.5	5.7	7.2	8.4
-77.5°	0.0	1.2	2.4	3.6	4.7	5.5	5.5	5.5	5.5	5.5	6.1
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.5	5.5	5.5	5.5	5.5
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.5	5.5	5.5
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-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°	2.2	2.1	1.8	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	4.5	4.1	3.6	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.3
82.5°	5.1	4.8	4.7	4.7	5.0	5.3	5.6	6.1	6.6	7.1	7.5
80°	5.4	5.5	6.3	7.0	7.8	8.5	9.3	9.9	10.6	11.6	13.1
77.5°	7.1	8.1	9.1	10.1	11.3	13.4	15.2	16.7	18.6	20.8	23.1
75°	9.5	10.8	13.4	16.5	19.2	21.3	23.3	26.3	29.9	33.9	37.8
72.5°	13.1	16.4	20.0	23.9	28.5	32.3	36.1	39.7	45.5	52.0	56.7
70°	18.0	22.0	27.7	33.9	39.8	44.9	52.4	61.3	70.3	74.8	77.5
67.5°	23.2	29.8	36.7	44.1	52.3	60.8	71.1	80.7	89.8	93.6	97.0
65°	30.1	37.6	46.1	55.2	64.6	74.8	85.4	96.1	105.7	110.5	116.1
62.5°	37.2	46.0	55.8	66.0	76.5	87.6	100.3	111.1	119.3	129.2	140.7
60°	45.7	54.5	65.6	77.0	89.0	104.4	117.2	129.2	140.3	151.6	168.9
57.5°	54.7	63.2	75.6	89.0	105.4	123.0	137.6	150.6	165.9	181.9	199.4
55°	64.5	72.1	86.1	102.6	121.5	142.4	159.5	177.3	195.0	209.3	224.8
52.5°	75.7	82.7	97.3	116.3	138.3	161.7	184.5	203.1	219.4	235.1	252.7
50°	87.4	96.3	108.1	131.0	155.4	182.0	207.9	226.5	245.1	263.5	283.3
47.5°	101.0	110.9	120.9	145.6	173.3	200.5	227.2	251.0	271.6	296.2	319.0
45°	115.9	127.5	138.2	161.1	189.6	217.3	247.0	275.7	304.6	333.6	369.9
42.5°	131.6	144.3	157.9	175.7	204.1	234.8	266.6	304.8	341.5	381.9	429.1
40°	146.8	160.9	177.2	193.3	218.4	252.6	291.4	334.2	386.0	438.3	495.4
37.5°	161.7	178.0	195.5	212.1	234.4	272.8	315.6	370.3	432.6	498.7	571.4
35°	176.4	194.4	212.2	231.8	256.8	294.1	347.0	408.9	483.7	567.2	633.7
32.5°	190.7	210.0	228.1	251.8	282.6	320.9	377.1	455.0	541.4	626.1	670.6
30°	208.6	224.1	243.9	270.6	307.8	356.6	417.6	501.6	599.8	657.6	698.9
27.5°	232.6	238.1	260.5	291.8	333.7	391.7	467.5	554.8	636.0	686.8	723.8
25°	256.1	261.9	276.0	313.0	364.8	433.2	518.3	617.9	666.1	708.9	751.8
22.5°	278.6	284.7	302.5	333.1	394.9	475.4	574.4	661.5	707.5	734.7	781.2
20°	299.8	309.2	331.1	366.5	425.8	515.4	628.8	702.0	745.7	778.5	821.4
17.5°	320.2	333.2	360.0	403.1	469.2	560.3	678.3	742.4	785.0	816.7	869.8
15°	339.9	356.5	387.8	437.3	509.6	608.3	711.3	775.4	821.3	852.5	914.6
12.5°	359.1	379.3	414.4	469.1	546.1	650.3	739.3	796.8	842.6	890.2	954.3
10°	377.6	401.3	439.7	498.5	578.7	686.5	762.7	813.9	859.7	920.3	987.1
7.5°	380.4	412.4	460.5	525.7	607.6	717.1	781.9	827.3	877.0	947.9	1016.9
5°	380.5	411.5	462.1	532.7	621.3	735.1	795.4	837.4	893.7	972.4	1043.4
2.5°	380.1	409.6	462.5	535.0	624.8	737.0	797.4	840.1	903.3	996.5	1067.8
0°	379.5	406.8	461.5	535.2	625.3	734.5	797.3	841.0	909.3	1018.5	1089.5
-2.5°	380.1	409.6	462.5	535.0	624.8	737.0	797.4	840.1	903.3	996.5	1067.8
-5°	380.5	411.5	462.1	532.7	621.3	735.1	795.4	837.4	893.7	972.4	1043.4
-7.5°	380.4	412.4	460.5	525.7	607.6	717.1	781.9	827.3	877.0	947.9	1016.9
-10°	377.6	401.3	439.7	498.5	578.7	686.5	762.7	813.9	859.7	920.3	987.1
-12.5°	359.1	379.3	414.4	469.1	546.1	650.3	739.3	796.8	842.6	890.2	954.3
-15°	339.9	356.5	387.8	437.3	509.6	608.3	711.3	775.4	821.3	852.5	914.6
-17.5°	320.2	333.2	360.0	403.1	469.2	560.3	678.3	742.4	785.0	816.7	869.8
-20°	299.8	309.2	331.1	366.5	425.8	515.4	628.8	702.0	745.7	778.5	821.4



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	278.6	284.7	302.5	333.1	394.9	475.4	574.4	661.5	707.5	734.7	781.2
-25°	256.1	261.9	276.0	313.0	364.8	433.2	518.3	617.9	666.1	708.9	751.8
-27.5°	232.6	238.1	260.5	291.8	333.7	391.7	467.5	554.8	636.0	686.8	723.8
-30°	208.6	224.1	243.9	270.6	307.8	356.6	417.6	501.6	599.8	657.6	698.9
-32.5°	190.7	210.0	228.1	251.8	282.6	320.9	377.1	455.0	541.4	626.1	670.6
-35°	176.4	194.4	212.2	231.8	256.8	294.1	347.0	408.9	483.7	567.2	633.7
-37.5°	161.7	178.0	195.5	212.1	234.4	272.8	315.6	370.3	432.6	498.7	571.4
-40°	146.8	160.9	177.2	193.3	218.4	252.6	291.4	334.2	386.0	438.3	495.4
-42.5°	131.6	144.3	157.9	175.7	204.1	234.8	266.6	304.8	341.5	381.9	429.1
-45°	115.9	127.5	138.2	161.1	189.6	217.3	247.0	275.7	304.6	333.6	369.9
-47.5°	101.0	110.9	120.9	145.6	173.3	200.5	227.2	251.0	271.6	296.2	319.0
-50°	87.4	96.3	108.1	131.0	155.4	182.0	207.9	226.5	245.1	263.5	283.3
-52.5°	75.7	82.7	97.3	116.3	138.3	161.7	184.5	203.1	219.4	235.1	252.7
-55°	64.5	72.1	86.1	102.6	121.5	142.4	159.5	177.3	195.0	209.3	224.8
-57.5°	54.7	63.2	75.6	89.0	105.4	123.0	137.6	150.6	165.9	181.9	199.4
-60°	45.7	54.5	65.6	77.0	89.0	104.4	117.2	129.2	140.3	151.6	168.9
-62.5°	37.2	46.0	55.8	66.0	76.5	87.6	100.3	111.1	119.3	129.2	140.7
-65°	30.1	37.6	46.1	55.2	64.6	74.8	85.4	96.1	105.7	110.5	116.1
-67.5°	23.2	29.8	36.7	44.1	52.3	60.8	71.1	80.7	89.8	93.6	97.0
-70°	18.0	22.0	27.7	33.9	39.8	44.9	52.4	61.3	70.3	74.8	77.5
-72.5°	13.1	16.4	20.0	23.9	28.5	32.3	36.1	39.7	45.5	52.0	56.7
-75°	9.5	10.8	13.4	16.5	19.2	21.3	23.3	26.3	29.9	33.9	37.8
-77.5°	7.1	8.1	9.1	10.1	11.3	13.4	15.2	16.7	18.6	20.8	23.1
-80°	5.4	5.5	6.3	7.0	7.8	8.5	9.3	9.9	10.6	11.6	13.1
-82.5°	5.1	4.8	4.7	4.7	5.0	5.3	5.6	6.1	6.6	7.1	7.5
-85°	4.5	4.1	3.6	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.3
-87.5°	2.2	2.1	1.8	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.1
-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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-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°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
85°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
82.5°	8.0	8.4	8.7	9.1	9.4	9.7	9.9	10.1	10.3	10.5	10.7
80°	14.6	15.7	16.6	17.3	17.7	19.7	22.1	24.6	27.2	28.2	28.8
77.5°	26.0	27.9	29.1	30.0	30.6	34.9	40.4	46.1	52.0	55.1	57.6
75°	41.5	43.7	45.2	46.2	46.9	53.4	63.1	73.2	83.8	89.3	93.2
72.5°	59.9	61.8	63.3	64.6	65.4	75.1	92.5	111.6	131.8	144.1	153.1
70°	79.9	82.0	83.8	85.3	86.4	98.0	123.3	149.9	177.3	204.7	233.9
67.5°	101.0	105.5	107.9	109.3	110.7	120.6	147.6	172.5	195.6	245.2	323.4
65°	124.0	134.5	138.9	141.4	142.3	146.8	170.0	190.8	209.6	248.2	307.8
62.5°	153.4	167.3	173.7	176.5	178.2	178.5	197.3	214.8	230.8	255.0	292.9
60°	185.0	200.0	207.9	210.0	211.4	211.9	227.0	244.3	260.4	280.0	315.4
57.5°	214.0	228.0	239.7	244.3	247.9	250.5	263.7	284.0	303.0	322.7	360.7
55°	241.6	258.6	274.8	283.7	292.1	299.5	312.5	338.2	362.6	385.6	425.0
52.5°	271.8	293.6	315.2	331.3	347.2	361.1	375.1	408.3	440.9	471.6	510.0
50°	307.8	334.7	366.2	392.6	415.4	437.8	457.8	497.1	541.3	583.3	623.6
47.5°	353.4	388.9	429.1	466.9	497.7	532.4	563.9	604.3	643.3	682.3	715.7
45°	409.4	458.6	504.9	555.0	599.0	622.0	640.3	665.5	705.5	743.8	775.0
42.5°	481.1	538.3	595.4	632.6	660.9	679.6	692.8	706.1	748.1	785.1	815.2
40°	560.7	618.3	653.4	684.0	703.6	720.2	741.0	761.5	794.5	832.4	866.0
37.5°	629.8	666.8	697.7	721.6	745.3	767.4	797.4	826.9	858.3	900.8	932.0
35°	672.4	704.8	736.2	766.3	796.6	830.6	868.0	911.5	950.0	915.0	864.4
32.5°	704.8	738.1	776.0	822.4	864.2	910.6	957.6	882.1	804.8	774.5	780.7
30°	733.1	771.7	824.0	884.6	942.6	921.9	818.8	782.7	793.4	814.6	855.4
27.5°	763.4	811.5	875.1	949.6	903.9	789.8	795.8	816.6	887.4	947.4	1038.4
25°	799.2	857.3	936.2	901.7	797.1	808.0	860.9	940.7	1075.4	1201.0	1310.9
22.5°	842.3	916.4	926.8	797.2	811.4	880.6	988.0	1160.9	1324.5	1476.4	1589.7
20°	886.2	971.6	840.2	812.8	873.6	997.2	1196.6	1395.1	1577.7	1713.5	1826.9
17.5°	938.7	908.5	815.5	844.7	967.6	1181.0	1405.4	1615.9	1788.1	2022.9	2222.7
15°	984.6	847.8	830.5	926.6	1111.5	1351.6	1595.5	1784.6	2095.8	2432.2	2772.4
12.5°	958.2	826.2	857.2	999.6	1242.7	1502.2	1717.8	2017.0	2428.8	2920.2	3658.6
10°	919.2	838.3	914.2	1100.5	1355.0	1607.8	1831.8	2223.9	2767.3	3669.9	4832.7
7.5°	889.0	843.5	951.8	1178.0	1438.4	1671.5	1970.1	2445.7	3203.2	4441.3	6916.9
5°	866.1	843.4	969.0	1222.9	1488.0	1715.5	2055.4	2606.9	3630.1	5394.2	9624.6
2.5°	856.0	839.0	973.8	1247.0	1512.1	1740.0	2108.5	2722.8	3899.7	6279.5	12655.9
0°	862.8	830.1	972.1	1256.0	1526.3	1736.6	2116.1	2757.8	3981.0	6606.4	13062.6
-2.5°	856.0	839.0	973.8	1247.0	1512.1	1740.0	2108.5	2722.8	3899.7	6279.5	12655.9
-5°	866.1	843.4	969.0	1222.9	1488.0	1715.5	2055.4	2606.9	3630.1	5394.2	9624.6
-7.5°	889.0	843.5	951.8	1178.0	1438.4	1671.5	1970.1	2445.7	3203.2	4441.3	6916.9
-10°	919.2	838.3	914.2	1100.5	1355.0	1607.8	1831.8	2223.9	2767.3	3669.9	4832.7
-12.5°	958.2	826.2	857.2	999.6	1242.7	1502.2	1717.8	2017.0	2428.8	2920.2	3658.6
-15°	984.6	847.8	830.5	926.6	1111.5	1351.6	1595.5	1784.6	2095.8	2432.2	2772.4
-17.5°	938.7	908.5	815.5	844.7	967.6	1181.0	1405.4	1615.9	1788.1	2022.9	2222.7
-20°	886.2	971.6	840.2	812.8	873.6	997.2	1196.6	1395.1	1577.7	1713.5	1826.9



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	842.3	916.4	926.8	797.2	811.4	880.6	988.0	1160.9	1324.5	1476.4	1589.7
-25°	799.2	857.3	936.2	901.7	797.1	808.0	860.9	940.7	1075.4	1201.0	1310.9
-27.5°	763.4	811.5	875.1	949.6	903.9	789.8	795.8	816.6	887.4	947.4	1038.4
-30°	733.1	771.7	824.0	884.6	942.6	921.9	818.8	782.7	793.4	814.6	855.4
-32.5°	704.8	738.1	776.0	822.4	864.2	910.6	957.6	882.1	804.8	774.5	780.7
-35°	672.4	704.8	736.2	766.3	796.6	830.6	868.0	911.5	950.0	915.0	864.4
-37.5°	629.8	666.8	697.7	721.6	745.3	767.4	797.4	826.9	858.3	900.8	932.0
-40°	560.7	618.3	653.4	684.0	703.6	720.2	741.0	761.5	794.5	832.4	866.0
-42.5°	481.1	538.3	595.4	632.6	660.9	679.6	692.8	706.1	748.1	785.1	815.2
-45°	409.4	458.6	504.9	555.0	599.0	622.0	640.3	665.5	705.5	743.8	775.0
-47.5°	353.4	388.9	429.1	466.9	497.7	532.4	563.9	604.3	643.3	682.3	715.7
-50°	307.8	334.7	366.2	392.6	415.4	437.8	457.8	497.1	541.3	583.3	623.6
-52.5°	271.8	293.6	315.2	331.3	347.2	361.1	375.1	408.3	440.9	471.6	510.0
-55°	241.6	258.6	274.8	283.7	292.1	299.5	312.5	338.2	362.6	385.6	425.0
-57.5°	214.0	228.0	239.7	244.3	247.9	250.5	263.7	284.0	303.0	322.7	360.7
-60°	185.0	200.0	207.9	210.0	211.4	211.9	227.0	244.3	260.4	280.0	315.4
-62.5°	153.4	167.3	173.7	176.5	178.2	178.5	197.3	214.8	230.8	255.0	292.9
-65°	124.0	134.5	138.9	141.4	142.3	146.8	170.0	190.8	209.6	248.2	307.8
-67.5°	101.0	105.5	107.9	109.3	110.7	120.6	147.6	172.5	195.6	245.2	323.4
-70°	79.9	82.0	83.8	85.3	86.4	98.0	123.3	149.9	177.3	204.7	233.9
-72.5°	59.9	61.8	63.3	64.6	65.4	75.1	92.5	111.6	131.8	144.1	153.1
-75°	41.5	43.7	45.2	46.2	46.9	53.4	63.1	73.2	83.8	89.3	93.2
-77.5°	26.0	27.9	29.1	30.0	30.6	34.9	40.4	46.1	52.0	55.1	57.6
-80°	14.6	15.7	16.6	17.3	17.7	19.7	22.1	24.6	27.2	28.2	28.8
-82.5°	8.0	8.4	8.7	9.1	9.4	9.7	9.9	10.1	10.3	10.5	10.7
-85°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
-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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.3	10.1
80°	29.3	29.7	28.6	27.3	28.6	29.7	29.3	28.8	28.2	27.2	24.6
77.5°	60.0	62.1	60.0	57.3	60.0	62.1	60.0	57.6	55.1	52.0	46.1
75°	96.8	100.0	98.2	95.6	98.2	100.0	96.8	93.2	89.3	83.8	73.2
72.5°	161.6	169.5	167.6	163.8	167.6	169.5	161.6	153.1	144.1	131.8	111.6
70°	264.6	295.7	294.4	286.7	294.4	295.7	264.6	233.9	204.7	177.3	149.9
67.5°	408.0	496.1	524.0	537.9	524.0	496.1	408.0	323.4	245.2	195.6	172.5
65°	363.4	416.5	437.6	453.3	437.6	416.5	363.4	307.8	248.2	209.6	190.8
62.5°	326.9	358.4	365.2	365.9	365.2	358.4	326.9	292.9	255.0	230.8	214.8
60°	349.8	383.3	388.3	382.3	388.3	383.3	349.8	315.4	280.0	260.4	244.3
57.5°	397.3	432.4	438.8	431.4	438.8	432.4	397.3	360.7	322.7	303.0	284.0
55°	462.9	498.3	510.1	507.9	510.1	498.3	462.9	425.0	385.6	362.6	338.2
52.5°	546.7	579.3	592.8	592.5	592.8	579.3	546.7	510.0	471.6	440.9	408.3
50°	658.7	688.0	702.5	704.5	702.5	688.0	658.7	623.6	583.3	541.3	497.1
47.5°	739.5	758.7	768.7	770.0	768.7	758.7	739.5	715.7	682.3	643.3	604.3
45°	788.9	799.3	807.1	813.7	807.1	799.3	788.9	775.0	743.8	705.5	665.5
42.5°	835.4	857.0	872.9	876.5	872.9	857.0	835.4	815.2	785.1	748.1	706.1
40°	897.8	927.5	955.9	985.7	955.9	927.5	897.8	866.0	832.4	794.5	761.5
37.5°	964.4	997.4	1024.8	1040.3	1024.8	997.4	964.4	932.0	900.8	858.3	826.9
35°	828.8	807.1	794.2	789.1	794.2	807.1	828.8	864.4	915.0	950.0	911.5
32.5°	784.4	785.9	783.3	778.2	783.3	785.9	784.4	780.7	774.5	804.8	882.1
30°	885.7	900.1	901.9	901.1	901.9	900.1	885.7	855.4	814.6	793.4	782.7
27.5°	1105.7	1142.6	1154.1	1176.8	1154.1	1142.6	1105.7	1038.4	947.4	887.4	816.6
25°	1395.9	1451.6	1478.3	1488.1	1478.3	1451.6	1395.9	1310.9	1201.0	1075.4	940.7
22.5°	1653.7	1696.2	1721.1	1742.0	1721.1	1696.2	1653.7	1589.7	1476.4	1324.5	1160.9
20°	1959.3	2036.9	2072.5	2075.2	2072.5	2036.9	1959.3	1826.9	1713.5	1577.7	1395.1
17.5°	2436.4	2587.4	2662.9	2684.1	2662.9	2587.4	2436.4	2222.7	2022.9	1788.1	1615.9
15°	3189.0	3574.4	3772.7	3866.4	3772.7	3574.4	3189.0	2772.4	2432.2	2095.8	1784.6
12.5°	4416.8	5285.7	5988.3	6252.8	5988.3	5285.7	4416.8	3658.6	2920.2	2428.8	2017.0
10°	6849.4	9444.3	12475.8	13890.0	12475.8	9444.3	6849.4	4832.7	3669.9	2767.3	2223.9
7.5°	13250.8	30765.9	59629.5	73398.1	59629.5	30765.9	13250.8	6916.9	4441.3	3203.2	2445.7
5°	28244.4	121894.2	218297.3	256408.8	218297.3	121894.2	28244.4	9624.6	5394.2	3630.1	2606.9
2.5°	44987.3	199922.4	377221.4	441082.3	377221.4	199922.4	44987.3	12655.9	6279.5	3899.7	2722.8
0°	53750.9	210681.4	416255.4	479975.3	416255.4	210681.4	53750.9	13062.6	6606.4	3981.0	2757.8
-2.5°	44987.3	199922.4	377221.4	441082.3	377221.4	199922.4	44987.3	12655.9	6279.5	3899.7	2722.8
-5°	28244.4	121894.2	218297.3	256408.8	218297.3	121894.2	28244.4	9624.6	5394.2	3630.1	2606.9
-7.5°	13250.8	30765.9	59629.5	73398.1	59629.5	30765.9	13250.8	6916.9	4441.3	3203.2	2445.7
-10°	6849.4	9444.3	12475.8	13890.0	12475.8	9444.3	6849.4	4832.7	3669.9	2767.3	2223.9
-12.5°	4416.8	5285.7	5988.3	6252.8	5988.3	5285.7	4416.8	3658.6	2920.2	2428.8	2017.0
-15°	3189.0	3574.4	3772.7	3866.4	3772.7	3574.4	3189.0	2772.4	2432.2	2095.8	1784.6
-17.5°	2436.4	2587.4	2662.9	2684.1	2662.9	2587.4	2436.4	2222.7	2022.9	1788.1	1615.9
-20°	1959.3	2036.9	2072.5	2075.2	2072.5	2036.9	1959.3	1826.9	1713.5	1577.7	1395.1



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1653.7	1696.2	1721.1	1742.0	1721.1	1696.2	1653.7	1589.7	1476.4	1324.5	1160.9
-25°	1395.9	1451.6	1478.3	1488.1	1478.3	1451.6	1395.9	1310.9	1201.0	1075.4	940.7
-27.5°	1105.7	1142.6	1154.1	1176.8	1154.1	1142.6	1105.7	1038.4	947.4	887.4	816.6
-30°	885.7	900.1	901.9	901.1	901.9	900.1	885.7	855.4	814.6	793.4	782.7
-32.5°	784.4	785.9	783.3	778.2	783.3	785.9	784.4	780.7	774.5	804.8	882.1
-35°	828.8	807.1	794.2	789.1	794.2	807.1	828.8	864.4	915.0	950.0	911.5
-37.5°	964.4	997.4	1024.8	1040.3	1024.8	997.4	964.4	932.0	900.8	858.3	826.9
-40°	897.8	927.5	955.9	985.7	955.9	927.5	897.8	866.0	832.4	794.5	761.5
-42.5°	835.4	857.0	872.9	876.5	872.9	857.0	835.4	815.2	785.1	748.1	706.1
-45°	788.9	799.3	807.1	813.7	807.1	799.3	788.9	775.0	743.8	705.5	665.5
-47.5°	739.5	758.7	768.7	770.0	768.7	758.7	739.5	715.7	682.3	643.3	604.3
-50°	658.7	688.0	702.5	704.5	702.5	688.0	658.7	623.6	583.3	541.3	497.1
-52.5°	546.7	579.3	592.8	592.5	592.8	579.3	546.7	510.0	471.6	440.9	408.3
-55°	462.9	498.3	510.1	507.9	510.1	498.3	462.9	425.0	385.6	362.6	338.2
-57.5°	397.3	432.4	438.8	431.4	438.8	432.4	397.3	360.7	322.7	303.0	284.0
-60°	349.8	383.3	388.3	382.3	388.3	383.3	349.8	315.4	280.0	260.4	244.3
-62.5°	326.9	358.4	365.2	365.9	365.2	358.4	326.9	292.9	255.0	230.8	214.8
-65°	363.4	416.5	437.6	453.3	437.6	416.5	363.4	307.8	248.2	209.6	190.8
-67.5°	408.0	496.1	524.0	537.9	524.0	496.1	408.0	323.4	245.2	195.6	172.5
-70°	264.6	295.7	294.4	286.7	294.4	295.7	264.6	233.9	204.7	177.3	149.9
-72.5°	161.6	169.5	167.6	163.8	167.6	169.5	161.6	153.1	144.1	131.8	111.6
-75°	96.8	100.0	98.2	95.6	98.2	100.0	96.8	93.2	89.3	83.8	73.2
-77.5°	60.0	62.1	60.0	57.3	60.0	62.1	60.0	57.6	55.1	52.0	46.1
-80°	29.3	29.7	28.6	27.3	28.6	29.7	29.3	28.8	28.2	27.2	24.6
-82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.3	10.1
-85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
-87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-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°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
82.5°	9.9	9.7	9.4	9.1	8.7	8.4	8.0	7.5	7.1	6.6	6.1
80°	22.1	19.7	17.7	17.3	16.6	15.7	14.6	13.1	11.6	10.6	9.9
77.5°	40.4	34.9	30.6	30.0	29.1	27.9	26.0	23.1	20.8	18.6	16.7
75°	63.1	53.4	46.9	46.2	45.2	43.7	41.5	37.8	33.9	29.9	26.3
72.5°	92.5	75.1	65.4	64.6	63.3	61.8	59.9	56.7	52.0	45.5	39.7
70°	123.3	98.0	86.4	85.3	83.8	82.0	79.9	77.5	74.8	70.3	61.3
67.5°	147.6	120.6	110.7	109.3	107.9	105.5	101.0	97.0	93.6	89.8	80.7
65°	170.0	146.8	142.3	141.4	138.9	134.5	124.0	116.1	110.5	105.7	96.1
62.5°	197.3	178.5	178.2	176.5	173.7	167.3	153.4	140.7	129.2	119.3	111.1
60°	227.0	211.9	211.4	210.0	207.9	200.0	185.0	168.9	151.6	140.3	129.2
57.5°	263.7	250.5	247.9	244.3	239.7	228.0	214.0	199.4	181.9	165.9	150.6
55°	312.5	299.5	292.1	283.7	274.8	258.6	241.6	224.8	209.3	195.0	177.3
52.5°	375.1	361.1	347.2	331.3	315.2	293.6	271.8	252.7	235.1	219.4	203.1
50°	457.8	437.8	415.4	392.6	366.2	334.7	307.8	283.3	263.5	245.1	226.5
47.5°	563.9	532.4	497.7	466.9	429.1	388.9	353.4	319.0	296.2	271.6	251.0
45°	640.3	622.0	599.0	555.0	504.9	458.6	409.4	369.9	333.6	304.6	275.7
42.5°	692.8	679.6	660.9	632.6	595.4	538.3	481.1	429.1	381.9	341.5	304.8
40°	741.0	720.2	703.6	684.0	653.4	618.3	560.7	495.4	438.3	386.0	334.2
37.5°	797.4	767.4	745.3	721.6	697.7	666.8	629.8	571.4	498.7	432.6	370.3
35°	868.0	830.6	796.6	766.3	736.2	704.8	672.4	633.7	567.2	483.7	408.9
32.5°	957.6	910.6	864.2	822.4	776.0	738.1	704.8	670.6	626.1	541.4	455.0
30°	818.8	921.9	942.6	884.6	824.0	771.7	733.1	698.9	657.6	599.8	501.6
27.5°	795.8	789.8	903.9	949.6	875.1	811.5	763.4	723.8	686.8	636.0	554.8
25°	860.9	808.0	797.1	901.7	936.2	857.3	799.2	751.8	708.9	666.1	617.9
22.5°	988.0	880.6	811.4	797.2	926.8	916.4	842.3	781.2	734.7	707.5	661.5
20°	1196.6	997.2	873.6	812.8	840.2	971.6	886.2	821.4	778.5	745.7	702.0
17.5°	1405.4	1181.0	967.6	844.7	815.5	908.5	938.7	869.8	816.7	785.0	742.4
15°	1595.5	1351.6	1111.5	926.6	830.5	847.8	984.6	914.6	852.5	821.3	775.4
12.5°	1717.8	1502.2	1242.7	999.6	857.2	826.2	958.2	954.3	890.2	842.6	796.8
10°	1831.8	1607.8	1355.0	1100.5	914.2	838.3	919.2	987.1	920.3	859.7	813.9
7.5°	1970.1	1671.5	1438.4	1178.0	951.8	843.5	889.0	1016.9	947.9	877.0	827.3
5°	2055.4	1715.5	1488.0	1222.9	969.0	843.4	866.1	1043.4	972.4	893.7	837.4
2.5°	2108.5	1740.0	1512.1	1247.0	973.8	839.0	856.0	1067.8	996.5	903.3	840.1
0°	2116.1	1736.6	1526.3	1256.0	972.1	830.1	862.8	1089.5	1018.5	909.3	841.0
-2.5°	2108.5	1740.0	1512.1	1247.0	973.8	839.0	856.0	1067.8	996.5	903.3	840.1
-5°	2055.4	1715.5	1488.0	1222.9	969.0	843.4	866.1	1043.4	972.4	893.7	837.4
-7.5°	1970.1	1671.5	1438.4	1178.0	951.8	843.5	889.0	1016.9	947.9	877.0	827.3
-10°	1831.8	1607.8	1355.0	1100.5	914.2	838.3	919.2	987.1	920.3	859.7	813.9
-12.5°	1717.8	1502.2	1242.7	999.6	857.2	826.2	958.2	954.3	890.2	842.6	796.8
-15°	1595.5	1351.6	1111.5	926.6	830.5	847.8	984.6	914.6	852.5	821.3	775.4
-17.5°	1405.4	1181.0	967.6	844.7	815.5	908.5	938.7	869.8	816.7	785.0	742.4
-20°	1196.6	997.2	873.6	812.8	840.2	971.6	886.2	821.4	778.5	745.7	702.0



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	988.0	880.6	811.4	797.2	926.8	916.4	842.3	781.2	734.7	707.5	661.5
-25°	860.9	808.0	797.1	901.7	936.2	857.3	799.2	751.8	708.9	666.1	617.9
-27.5°	795.8	789.8	903.9	949.6	875.1	811.5	763.4	723.8	686.8	636.0	554.8
-30°	818.8	921.9	942.6	884.6	824.0	771.7	733.1	698.9	657.6	599.8	501.6
-32.5°	957.6	910.6	864.2	822.4	776.0	738.1	704.8	670.6	626.1	541.4	455.0
-35°	868.0	830.6	796.6	766.3	736.2	704.8	672.4	633.7	567.2	483.7	408.9
-37.5°	797.4	767.4	745.3	721.6	697.7	666.8	629.8	571.4	498.7	432.6	370.3
-40°	741.0	720.2	703.6	684.0	653.4	618.3	560.7	495.4	438.3	386.0	334.2
-42.5°	692.8	679.6	660.9	632.6	595.4	538.3	481.1	429.1	381.9	341.5	304.8
-45°	640.3	622.0	599.0	555.0	504.9	458.6	409.4	369.9	333.6	304.6	275.7
-47.5°	563.9	532.4	497.7	466.9	429.1	388.9	353.4	319.0	296.2	271.6	251.0
-50°	457.8	437.8	415.4	392.6	366.2	334.7	307.8	283.3	263.5	245.1	226.5
-52.5°	375.1	361.1	347.2	331.3	315.2	293.6	271.8	252.7	235.1	219.4	203.1
-55°	312.5	299.5	292.1	283.7	274.8	258.6	241.6	224.8	209.3	195.0	177.3
-57.5°	263.7	250.5	247.9	244.3	239.7	228.0	214.0	199.4	181.9	165.9	150.6
-60°	227.0	211.9	211.4	210.0	207.9	200.0	185.0	168.9	151.6	140.3	129.2
-62.5°	197.3	178.5	178.2	176.5	173.7	167.3	153.4	140.7	129.2	119.3	111.1
-65°	170.0	146.8	142.3	141.4	138.9	134.5	124.0	116.1	110.5	105.7	96.1
-67.5°	147.6	120.6	110.7	109.3	107.9	105.5	101.0	97.0	93.6	89.8	80.7
-70°	123.3	98.0	86.4	85.3	83.8	82.0	79.9	77.5	74.8	70.3	61.3
-72.5°	92.5	75.1	65.4	64.6	63.3	61.8	59.9	56.7	52.0	45.5	39.7
-75°	63.1	53.4	46.9	46.2	45.2	43.7	41.5	37.8	33.9	29.9	26.3
-77.5°	40.4	34.9	30.6	30.0	29.1	27.9	26.0	23.1	20.8	18.6	16.7
-80°	22.1	19.7	17.7	17.3	16.6	15.7	14.6	13.1	11.6	10.6	9.9
-82.5°	9.9	9.7	9.4	9.1	8.7	8.4	8.0	7.5	7.1	6.6	6.1
-85°	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-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: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.7	1.6	1.6	1.8	2.1	2.2	2.3	2.1	1.9	1.7
85°	3.7	3.5	3.3	3.1	3.6	4.1	4.5	4.6	4.2	3.8	3.3
82.5°	5.6	5.3	5.0	4.7	4.7	4.8	5.1	5.5	5.5	5.5	4.9
80°	9.3	8.5	7.8	7.0	6.3	5.5	5.4	5.5	5.5	5.5	5.5
77.5°	15.2	13.4	11.3	10.1	9.1	8.1	7.1	6.1	5.5	5.5	5.5
75°	23.3	21.3	19.2	16.5	13.4	10.8	9.5	8.4	7.2	5.7	5.5
72.5°	36.1	32.3	28.5	23.9	20.0	16.4	13.1	10.7	9.6	8.0	6.1
70°	52.4	44.9	39.8	33.9	27.7	22.0	18.0	14.9	12.0	10.4	8.3
67.5°	71.1	60.8	52.3	44.1	36.7	29.8	23.2	19.6	16.5	12.8	10.6
65°	85.4	74.8	64.6	55.2	46.1	37.6	30.1	25.0	20.9	16.9	12.8
62.5°	100.3	87.6	76.5	66.0	55.8	46.0	37.2	32.1	25.8	21.0	16.1
60°	117.2	104.4	89.0	77.0	65.6	54.5	45.7	39.3	32.6	25.1	19.8
57.5°	137.6	123.0	105.4	89.0	75.6	63.2	54.7	47.6	39.5	31.0	23.6
55°	159.5	142.4	121.5	102.6	86.1	72.1	64.5	56.4	46.8	37.4	27.6
52.5°	184.5	161.7	138.3	116.3	97.3	82.7	75.7	65.5	55.2	43.8	33.7
50°	207.9	182.0	155.4	131.0	108.1	96.3	87.4	76.4	63.8	50.6	40.3
47.5°	227.2	200.5	173.3	145.6	120.9	110.9	101.0	88.0	72.5	58.5	47.1
45°	247.0	217.3	189.6	161.1	138.2	127.5	115.9	99.9	83.4	67.8	54.1
42.5°	266.6	234.8	204.1	175.7	157.9	144.3	131.6	114.0	94.5	77.6	62.1
40°	291.4	252.6	218.4	193.3	177.2	160.9	146.8	128.9	106.1	88.4	70.9
37.5°	315.6	272.8	234.4	212.1	195.5	178.0	161.7	144.3	120.7	100.6	79.9
35°	347.0	294.1	256.8	231.8	212.2	194.4	176.4	159.2	137.6	112.9	89.0
32.5°	377.1	320.9	282.6	251.8	228.1	210.0	190.7	178.0	155.1	125.4	98.3
30°	417.6	356.6	307.8	270.6	243.9	224.1	208.6	199.1	173.3	138.0	107.9
27.5°	467.5	391.7	333.7	291.8	260.5	238.1	232.6	222.4	192.0	151.6	118.2
25°	518.3	433.2	364.8	313.0	276.0	261.9	256.1	247.5	211.3	166.9	128.4
22.5°	574.4	475.4	394.9	333.1	302.5	284.7	278.6	268.9	231.8	182.2	138.4
20°	628.8	515.4	425.8	366.5	331.1	309.2	299.8	289.8	253.1	197.4	148.2
17.5°	678.3	560.3	469.2	403.1	360.0	333.2	320.2	310.4	275.0	212.4	157.7
15°	711.3	608.3	509.6	437.3	387.8	356.5	339.9	330.6	297.2	227.0	164.5
12.5°	739.3	650.3	546.1	469.1	414.4	379.3	359.1	350.3	319.3	236.4	168.0
10°	762.7	686.5	578.7	498.5	439.7	401.3	377.6	364.3	327.8	241.2	171.1
7.5°	781.9	717.1	607.6	525.7	460.5	412.4	380.4	366.8	333.0	244.8	173.8
5°	795.4	735.1	621.3	532.7	462.1	411.5	380.5	368.8	336.5	247.2	175.8
2.5°	797.4	737.0	624.8	535.0	462.5	409.6	380.1	370.4	338.3	248.4	177.0
0°	797.3	734.5	625.3	535.2	461.5	406.8	379.5	371.3	338.6	248.5	177.5
-2.5°	797.4	737.0	624.8	535.0	462.5	409.6	380.1	370.4	338.3	248.4	177.0
-5°	795.4	735.1	621.3	532.7	462.1	411.5	380.5	368.8	336.5	247.2	175.8
-7.5°	781.9	717.1	607.6	525.7	460.5	412.4	380.4	366.8	333.0	244.8	173.8
-10°	762.7	686.5	578.7	498.5	439.7	401.3	377.6	364.3	327.8	241.2	171.1
-12.5°	739.3	650.3	546.1	469.1	414.4	379.3	359.1	350.3	319.3	236.4	168.0
-15°	711.3	608.3	509.6	437.3	387.8	356.5	339.9	330.6	297.2	227.0	164.5
-17.5°	678.3	560.3	469.2	403.1	360.0	333.2	320.2	310.4	275.0	212.4	157.7
-20°	628.8	515.4	425.8	366.5	331.1	309.2	299.8	289.8	253.1	197.4	148.2



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	574.4	475.4	394.9	333.1	302.5	284.7	278.6	268.9	231.8	182.2	138.4
-25°	518.3	433.2	364.8	313.0	276.0	261.9	256.1	247.5	211.3	166.9	128.4
-27.5°	467.5	391.7	333.7	291.8	260.5	238.1	232.6	222.4	192.0	151.6	118.2
-30°	417.6	356.6	307.8	270.6	243.9	224.1	208.6	199.1	173.3	138.0	107.9
-32.5°	377.1	320.9	282.6	251.8	228.1	210.0	190.7	178.0	155.1	125.4	98.3
-35°	347.0	294.1	256.8	231.8	212.2	194.4	176.4	159.2	137.6	112.9	89.0
-37.5°	315.6	272.8	234.4	212.1	195.5	178.0	161.7	144.3	120.7	100.6	79.9
-40°	291.4	252.6	218.4	193.3	177.2	160.9	146.8	128.9	106.1	88.4	70.9
-42.5°	266.6	234.8	204.1	175.7	157.9	144.3	131.6	114.0	94.5	77.6	62.1
-45°	247.0	217.3	189.6	161.1	138.2	127.5	115.9	99.9	83.4	67.8	54.1
-47.5°	227.2	200.5	173.3	145.6	120.9	110.9	101.0	88.0	72.5	58.5	47.1
-50°	207.9	182.0	155.4	131.0	108.1	96.3	87.4	76.4	63.8	50.6	40.3
-52.5°	184.5	161.7	138.3	116.3	97.3	82.7	75.7	65.5	55.2	43.8	33.7
-55°	159.5	142.4	121.5	102.6	86.1	72.1	64.5	56.4	46.8	37.4	27.6
-57.5°	137.6	123.0	105.4	89.0	75.6	63.2	54.7	47.6	39.5	31.0	23.6
-60°	117.2	104.4	89.0	77.0	65.6	54.5	45.7	39.3	32.6	25.1	19.8
-62.5°	100.3	87.6	76.5	66.0	55.8	46.0	37.2	32.1	25.8	21.0	16.1
-65°	85.4	74.8	64.6	55.2	46.1	37.6	30.1	25.0	20.9	16.9	12.8
-67.5°	71.1	60.8	52.3	44.1	36.7	29.8	23.2	19.6	16.5	12.8	10.6
-70°	52.4	44.9	39.8	33.9	27.7	22.0	18.0	14.9	12.0	10.4	8.3
-72.5°	36.1	32.3	28.5	23.9	20.0	16.4	13.1	10.7	9.6	8.0	6.1
-75°	23.3	21.3	19.2	16.5	13.4	10.8	9.5	8.4	7.2	5.7	5.5
-77.5°	15.2	13.4	11.3	10.1	9.1	8.1	7.1	6.1	5.5	5.5	5.5
-80°	9.3	8.5	7.8	7.0	6.3	5.5	5.4	5.5	5.5	5.5	5.5
-82.5°	5.6	5.3	5.0	4.7	4.7	4.8	5.1	5.5	5.5	5.5	4.9
-85°	3.7	3.5	3.3	3.1	3.6	4.1	4.5	4.6	4.2	3.8	3.3
-87.5°	1.8	1.7	1.6	1.6	1.8	2.1	2.2	2.3	2.1	1.9	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	5.5	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	5.5	5.5	4.7	3.6	2.4	1.2	0.0
75°	5.5	5.5	5.5	4.3	2.8	1.4	0.0
72.5°	5.5	5.5	5.5	4.9	3.3	1.7	0.0
70°	5.8	5.5	5.5	5.5	3.8	1.9	0.0
67.5°	7.8	5.5	5.5	5.5	4.2	2.1	0.0
65°	9.9	6.4	5.5	5.5	4.6	2.3	0.0
62.5°	11.9	8.2	5.5	5.5	5.1	2.5	0.0
60°	14.0	10.0	5.5	5.5	5.5	2.7	0.0
57.5°	17.5	11.8	6.9	5.5	5.5	3.0	0.0
55°	21.2	13.6	8.4	5.5	5.6	3.2	0.0
52.5°	25.1	15.6	9.8	5.5	5.6	3.3	0.0
50°	29.0	19.0	11.2	5.5	5.7	3.5	0.0
47.5°	33.3	22.5	12.6	5.8	5.7	3.7	0.0
45°	39.4	25.9	14.0	6.8	5.8	3.9	0.0
42.5°	45.6	29.4	15.3	7.8	5.9	4.1	0.0
40°	51.9	32.9	17.3	8.8	6.0	4.2	0.0
37.5°	58.2	36.3	20.0	9.7	6.1	4.4	0.0
35°	64.6	40.9	22.6	10.5	6.2	4.5	0.0
32.5°	71.3	45.8	25.2	11.2	6.4	4.6	0.0
30°	78.8	50.8	27.7	11.9	6.5	4.8	0.0
27.5°	86.1	55.6	29.3	12.4	6.6	4.9	0.0
25°	93.4	60.3	30.5	12.9	6.8	5.0	0.0
22.5°	100.5	64.0	31.5	13.3	6.9	5.1	0.0
20°	107.5	65.3	32.2	13.6	7.1	5.2	0.0
17.5°	111.1	66.1	32.7	13.8	7.2	5.2	0.0
15°	112.4	66.5	32.9	14.0	7.4	5.3	0.0
12.5°	113.2	66.4	32.9	14.1	7.5	5.4	0.0
10°	113.5	65.9	32.7	14.1	7.7	5.4	0.0
7.5°	113.2	65.0	32.3	14.1	7.8	5.5	0.0
5°	112.5	63.7	31.7	14.0	7.9	5.5	0.0
2.5°	111.1	62.1	30.9	13.9	8.1	5.5	0.0
0°	109.2	60.1	30.0	13.7	8.2	5.5	0.0
-2.5°	111.1	62.1	30.9	13.9	8.1	5.5	0.0
-5°	112.5	63.7	31.7	14.0	7.9	5.5	0.0
-7.5°	113.2	65.0	32.3	14.1	7.8	5.5	0.0
-10°	113.5	65.9	32.7	14.1	7.7	5.4	0.0
-12.5°	113.2	66.4	32.9	14.1	7.5	5.4	0.0
-15°	112.4	66.5	32.9	14.0	7.4	5.3	0.0
-17.5°	111.1	66.1	32.7	13.8	7.2	5.2	0.0
-20°	107.5	65.3	32.2	13.6	7.1	5.2	0.0



REPORT NUMBER: P559121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.5	64.0	31.5	13.3	6.9	5.1	0.0
-25°	93.4	60.3	30.5	12.9	6.8	5.0	0.0
-27.5°	86.1	55.6	29.3	12.4	6.6	4.9	0.0
-30°	78.8	50.8	27.7	11.9	6.5	4.8	0.0
-32.5°	71.3	45.8	25.2	11.2	6.4	4.6	0.0
-35°	64.6	40.9	22.6	10.5	6.2	4.5	0.0
-37.5°	58.2	36.3	20.0	9.7	6.1	4.4	0.0
-40°	51.9	32.9	17.3	8.8	6.0	4.2	0.0
-42.5°	45.6	29.4	15.3	7.8	5.9	4.1	0.0
-45°	39.4	25.9	14.0	6.8	5.8	3.9	0.0
-47.5°	33.3	22.5	12.6	5.8	5.7	3.7	0.0
-50°	29.0	19.0	11.2	5.5	5.7	3.5	0.0
-52.5°	25.1	15.6	9.8	5.5	5.6	3.3	0.0
-55°	21.2	13.6	8.4	5.5	5.6	3.2	0.0
-57.5°	17.5	11.8	6.9	5.5	5.5	3.0	0.0
-60°	14.0	10.0	5.5	5.5	5.5	2.7	0.0
-62.5°	11.9	8.2	5.5	5.5	5.1	2.5	0.0
-65°	9.9	6.4	5.5	5.5	4.6	2.3	0.0
-67.5°	7.8	5.5	5.5	5.5	4.2	2.1	0.0
-70°	5.8	5.5	5.5	5.5	3.8	1.9	0.0
-72.5°	5.5	5.5	5.5	4.9	3.3	1.7	0.0
-75°	5.5	5.5	5.5	4.3	2.8	1.4	0.0
-77.5°	5.5	5.5	4.7	3.6	2.4	1.2	0.0
-80°	5.5	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)