

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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559088 (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-SA5D-935-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

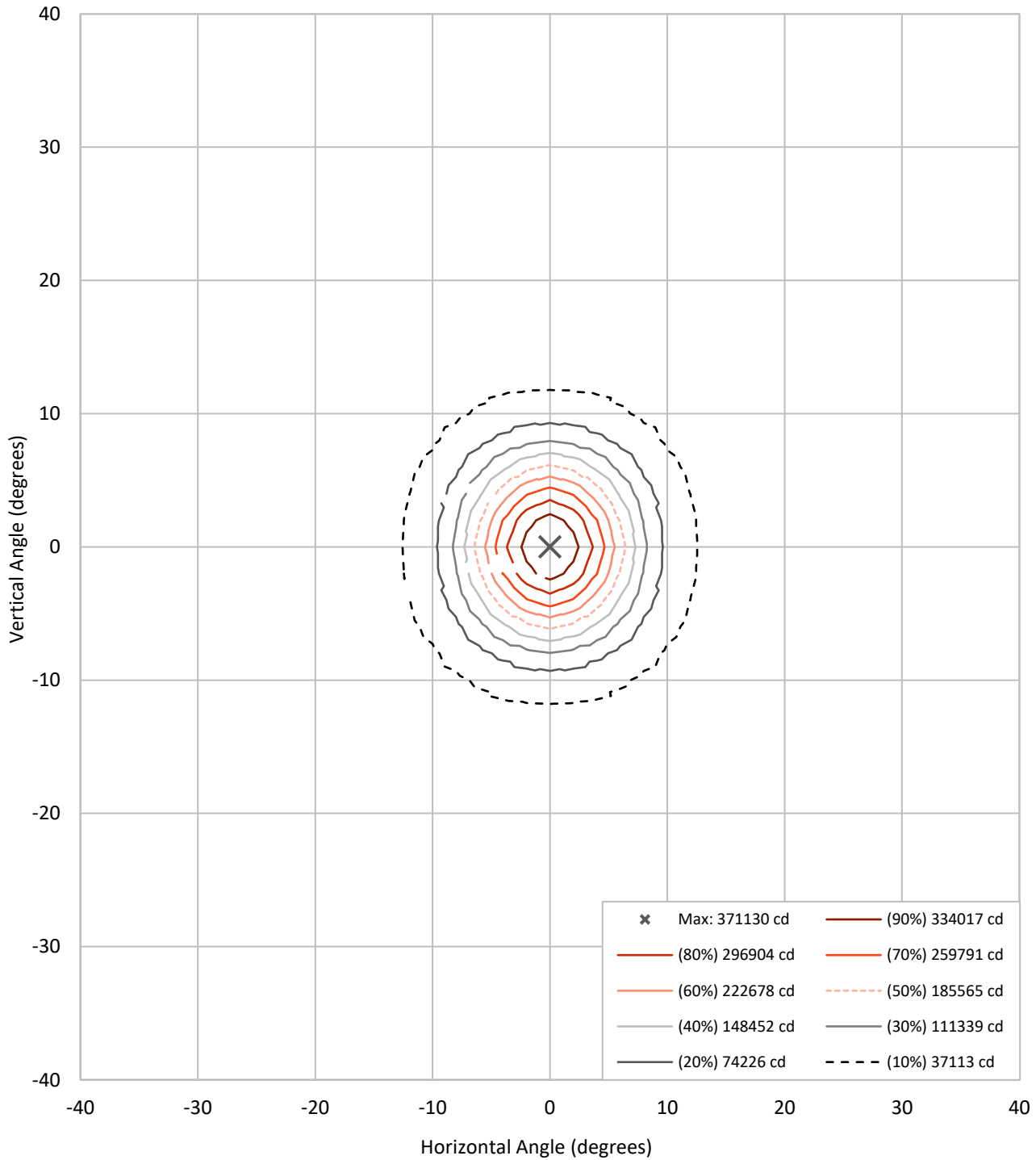
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	26902 lumens	Max Intensity:	371130 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	8500.6 lumens	Field Lumens:	18831.8 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 266
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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

Iso-Candela Plot





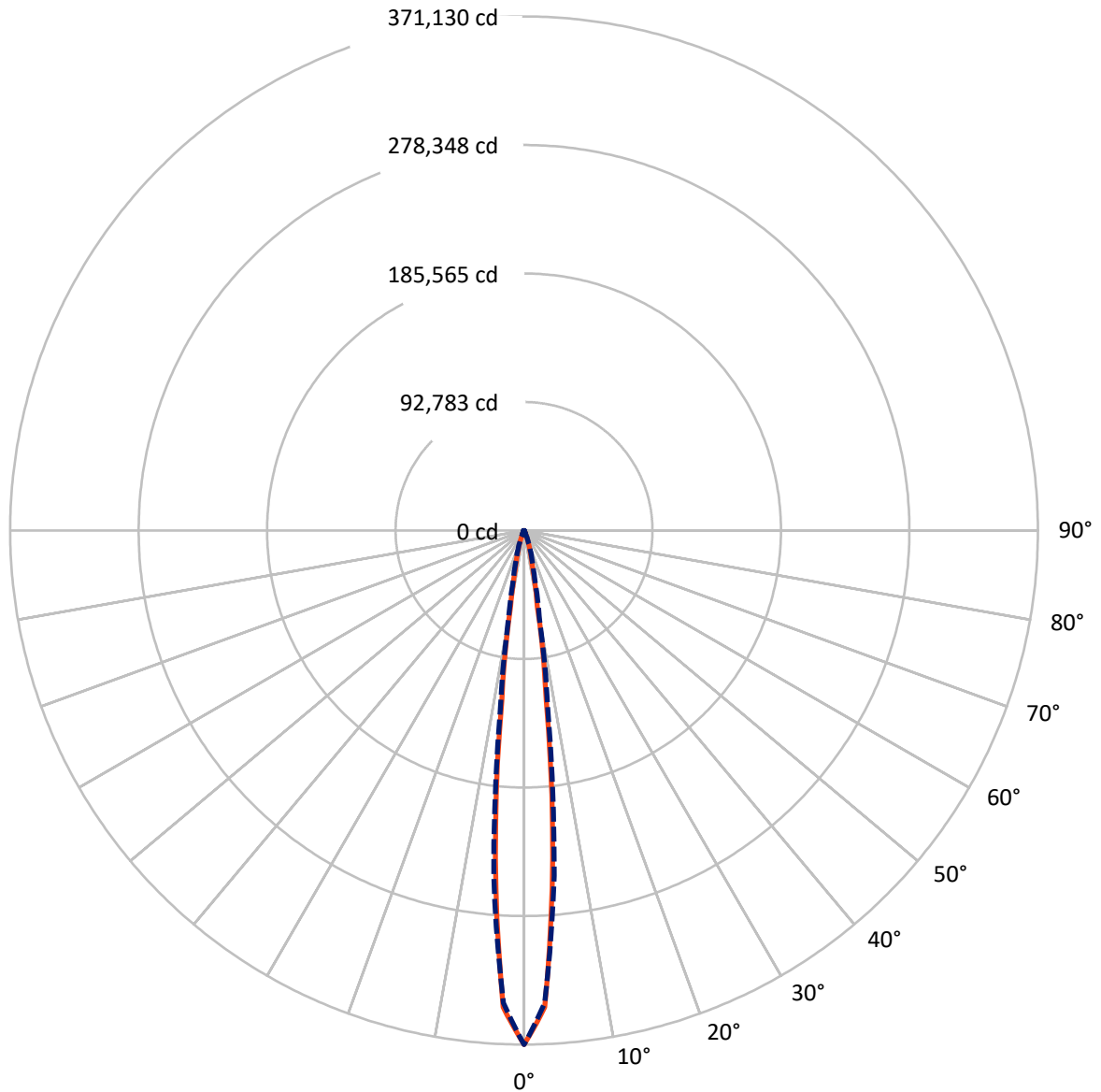
REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

Lumen Table

90	0.4	3.1	8.6	13.9	16.1	13.9	8.6	3.1	0.4							
80	0.4	3.1	8.6	13.9	16.1	13.9	8.6	3.1	0.4							
70	1.4	1.6	3.5	5.8	7.9	9.7	11.0	11.7	11.7	11.0	9.7	7.9	5.8	3.5	1.6	1.4
60		2.6	5.2	7.9	10.2	12.0	13.2	13.7	13.7	13.2	12.0	10.2	7.9	5.2	2.6	
50	2.6	3.4	6.4	9.1	11.4	13.4	15.0	15.7	15.7	15.0	13.4	11.4	9.1	6.4	3.4	2.6
40		4.0	7.1	9.9	12.7	16.4	20.5	23.1	23.1	20.5	16.4	12.7	9.9	7.1	4.0	
30	3.5	4.5	7.6	10.6	15.0	23.2	51.6	93.9	93.9	51.6	23.2	15.0	10.6	7.6	4.5	3.5
20		4.7	7.8	11.1	17.7	50.0	282.1	620.6	620.6	282.1	50.0	17.7	11.1	7.8	4.7	
10	3.8	4.8	7.9	11.5	19.7	95.9	677.2	4380.7	4380.7	677.2	95.9	19.7	11.5	7.9	4.8	3.8
0		4.8	7.9	11.5	19.7	95.9	677.2	4380.7	4380.7	677.2	95.9	19.7	11.5	7.9	4.8	
-10	3.5	4.7	7.8	11.1	17.7	50.0	282.1	620.6	620.6	282.1	50.0	17.7	11.1	7.8	4.7	3.5
-20		4.5	7.6	10.6	15.0	23.2	51.6	93.9	93.9	51.6	23.2	15.0	10.6	7.6	4.5	
-30	2.6	4.0	7.1	9.9	12.7	16.4	20.5	23.1	23.1	20.5	16.4	12.7	9.9	7.1	4.0	2.6
-40		3.4	6.4	9.1	11.4	13.4	15.0	15.7	15.7	15.0	13.4	11.4	9.1	6.4	3.4	
-50	1.4	2.6	5.2	7.9	10.2	12.0	13.2	13.7	13.7	13.2	12.0	10.2	7.9	5.2	2.6	1.4
-60		1.6	3.5	5.8	7.9	9.7	11.0	11.7	11.7	11.0	9.7	7.9	5.8	3.5	1.6	
-70	0.4	3.1	8.6	13.9	16.1	13.9	8.6	3.1	0.4							
-80		0.4	3.1	8.6	13.9	16.1	13.9	8.6	3.1	0.4						
-90	0.4	3.1	8.6	13.9	16.1	13.9	8.6	3.1	0.4							

REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

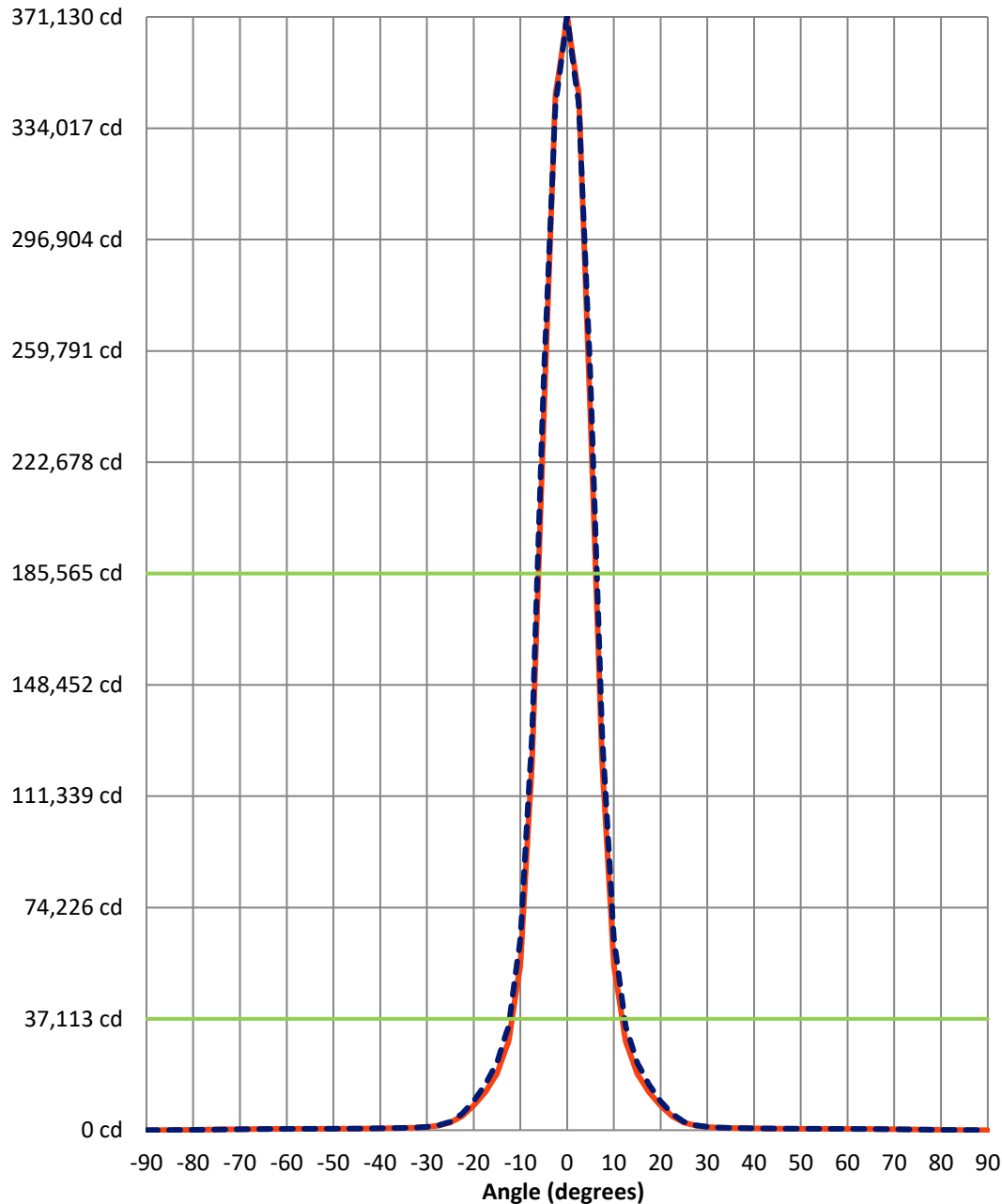
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 8500.6
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 18831.8
Efficiency: 70.0%

Spill:
Lumens: 8070.3
Efficiency: 30.0%

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



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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	1.7	2.5	3.3	3.9	4.5	5.3	6.0	6.7	7.4
85°	0.0	1.7	3.5	5.1	6.5	7.8	9.1	10.5	12.0	13.4	14.8
82.5°	0.0	2.6	5.2	7.6	9.8	11.8	13.6	15.7	18.1	21.4	24.8
80°	0.0	3.5	6.9	10.1	13.0	15.7	18.3	22.5	27.0	31.5	36.2
77.5°	0.0	4.3	8.6	12.6	16.2	20.0	24.7	30.1	35.7	41.6	47.9
75°	0.0	5.2	10.3	15.1	19.6	25.3	31.0	37.5	44.6	52.6	60.3
72.5°	0.0	6.0	12.0	17.5	23.8	30.6	37.3	45.3	54.9	64.0	72.6
70°	0.0	6.8	13.7	20.1	27.9	35.8	43.7	54.5	65.1	75.4	89.3
67.5°	0.0	7.7	15.3	23.1	32.0	40.9	51.6	63.5	75.3	90.8	106.8
65°	0.0	8.5	16.9	26.2	36.1	46.5	59.3	72.4	88.5	105.9	124.3
62.5°	0.0	9.2	18.5	29.1	40.0	52.7	66.8	82.7	101.2	120.9	142.4
60°	0.0	10.0	20.0	32.0	43.9	58.8	74.2	93.4	113.6	136.9	160.2
57.5°	0.0	10.7	21.8	34.9	48.5	64.7	82.9	103.7	127.1	152.5	178.1
55°	0.0	11.5	23.7	37.6	53.0	70.4	91.6	113.8	140.7	167.9	195.9
52.5°	0.0	12.2	25.4	40.3	57.4	76.1	100.0	125.3	153.8	183.4	213.2
50°	0.0	12.9	27.1	42.9	61.6	82.9	108.1	136.5	166.7	198.5	230.4
47.5°	0.0	13.5	28.8	45.6	65.7	89.5	116.2	147.3	179.6	213.1	247.1
45°	0.0	14.1	30.3	48.5	69.5	95.8	125.0	157.6	192.2	227.6	263.3
42.5°	0.0	14.7	31.8	51.3	73.2	101.8	133.4	167.8	204.2	241.7	277.2
40°	0.0	15.3	33.3	53.8	77.3	107.6	141.4	177.9	215.9	255.3	290.2
37.5°	0.0	15.9	34.6	56.2	81.7	113.1	149.0	187.4	227.2	267.5	302.6
35°	0.0	16.4	35.9	58.5	85.8	118.8	156.1	196.4	237.8	277.8	313.9
32.5°	0.0	16.9	37.2	60.6	89.7	124.3	162.9	204.9	247.7	287.5	323.4
30°	0.0	17.3	38.3	62.5	93.3	129.5	169.6	212.8	256.9	296.5	332.4
27.5°	0.0	17.7	39.3	64.3	96.6	134.2	175.9	220.3	265.0	304.9	340.6
25°	0.0	18.1	40.3	65.9	99.7	138.6	181.6	227.0	271.7	312.0	348.2
22.5°	0.0	18.5	41.2	67.3	102.5	142.5	186.8	233.1	277.8	318.1	353.9
20°	0.0	18.8	42.0	68.6	105.0	146.1	191.5	238.6	283.3	323.5	359.1
17.5°	0.0	19.1	42.7	69.6	107.3	149.3	195.7	243.3	288.1	328.3	363.7
15°	0.0	19.3	43.3	70.5	109.2	152.1	199.5	247.4	292.2	332.5	367.7
12.5°	0.0	19.5	43.8	71.3	110.9	154.5	202.6	250.8	295.7	335.9	371.2
10°	0.0	19.7	44.2	71.9	112.4	156.4	205.2	253.5	298.4	338.6	373.9
7.5°	0.0	19.8	44.6	72.3	113.5	157.9	207.3	255.5	300.5	340.6	375.8
5°	0.0	19.9	44.8	72.5	114.3	159.0	208.7	256.8	301.8	341.9	377.0
2.5°	0.0	20.0	45.0	72.6	114.7	159.7	209.6	257.4	302.4	342.5	377.5
0°	0.0	20.0	45.0	72.5	114.9	159.9	209.9	257.3	302.3	342.3	377.3
-2.5°	0.0	20.0	45.0	72.6	114.7	159.7	209.6	257.4	302.4	342.5	377.5
-5°	0.0	19.9	44.8	72.5	114.3	159.0	208.7	256.8	301.8	341.9	377.0
-7.5°	0.0	19.8	44.6	72.3	113.5	157.9	207.3	255.5	300.5	340.6	375.8
-10°	0.0	19.7	44.2	71.9	112.4	156.4	205.2	253.5	298.4	338.6	373.9
-12.5°	0.0	19.5	43.8	71.3	110.9	154.5	202.6	250.8	295.7	335.9	371.2
-15°	0.0	19.3	43.3	70.5	109.2	152.1	199.5	247.4	292.2	332.5	367.7
-17.5°	0.0	19.1	42.7	69.6	107.3	149.3	195.7	243.3	288.1	328.3	363.7
-20°	0.0	18.8	42.0	68.6	105.0	146.1	191.5	238.6	283.3	323.5	359.1



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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	18.5	41.2	67.3	102.5	142.5	186.8	233.1	277.8	318.1	353.9
-25°	0.0	18.1	40.3	65.9	99.7	138.6	181.6	227.0	271.7	312.0	348.2
-27.5°	0.0	17.7	39.3	64.3	96.6	134.2	175.9	220.3	265.0	304.9	340.6
-30°	0.0	17.3	38.3	62.5	93.3	129.5	169.6	212.8	256.9	296.5	332.4
-32.5°	0.0	16.9	37.2	60.6	89.7	124.3	162.9	204.9	247.7	287.5	323.4
-35°	0.0	16.4	35.9	58.5	85.8	118.8	156.1	196.4	237.8	277.8	313.9
-37.5°	0.0	15.9	34.6	56.2	81.7	113.1	149.0	187.4	227.2	267.5	302.6
-40°	0.0	15.3	33.3	53.8	77.3	107.6	141.4	177.9	215.9	255.3	290.2
-42.5°	0.0	14.7	31.8	51.3	73.2	101.8	133.4	167.8	204.2	241.7	277.2
-45°	0.0	14.1	30.3	48.5	69.5	95.8	125.0	157.6	192.2	227.6	263.3
-47.5°	0.0	13.5	28.8	45.6	65.7	89.5	116.2	147.3	179.6	213.1	247.1
-50°	0.0	12.9	27.1	42.9	61.6	82.9	108.1	136.5	166.7	198.5	230.4
-52.5°	0.0	12.2	25.4	40.3	57.4	76.1	100.0	125.3	153.8	183.4	213.2
-55°	0.0	11.5	23.7	37.6	53.0	70.4	91.6	113.8	140.7	167.9	195.9
-57.5°	0.0	10.7	21.8	34.9	48.5	64.7	82.9	103.7	127.1	152.5	178.1
-60°	0.0	10.0	20.0	32.0	43.9	58.8	74.2	93.4	113.6	136.9	160.2
-62.5°	0.0	9.2	18.5	29.1	40.0	52.7	66.8	82.7	101.2	120.9	142.4
-65°	0.0	8.5	16.9	26.2	36.1	46.5	59.3	72.4	88.5	105.9	124.3
-67.5°	0.0	7.7	15.3	23.1	32.0	40.9	51.6	63.5	75.3	90.8	106.8
-70°	0.0	6.8	13.7	20.1	27.9	35.8	43.7	54.5	65.1	75.4	89.3
-72.5°	0.0	6.0	12.0	17.5	23.8	30.6	37.3	45.3	54.9	64.0	72.6
-75°	0.0	5.2	10.3	15.1	19.6	25.3	31.0	37.5	44.6	52.6	60.3
-77.5°	0.0	4.3	8.6	12.6	16.2	20.0	24.7	30.1	35.7	41.6	47.9
-80°	0.0	3.5	6.9	10.1	13.0	15.7	18.3	22.5	27.0	31.5	36.2
-82.5°	0.0	2.6	5.2	7.6	9.8	11.8	13.6	15.7	18.1	21.4	24.8
-85°	0.0	1.7	3.5	5.1	6.5	7.8	9.1	10.5	12.0	13.4	14.8
-87.5°	0.0	0.9	1.7	2.5	3.3	3.9	4.5	5.3	6.0	6.7	7.4
-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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	8.1	8.7	9.4	10.0	10.7	11.2	11.8	12.4	12.9	13.4	13.9
85°	16.1	17.5	19.3	20.8	22.2	23.6	24.7	25.8	27.3	28.8	30.3
82.5°	27.6	30.0	32.0	33.7	35.6	37.2	39.1	42.0	45.8	49.4	52.8
80°	39.7	42.5	46.4	50.9	55.5	60.0	64.3	68.4	72.9	77.7	82.8
77.5°	53.3	59.0	65.2	71.9	78.3	85.8	93.3	101.0	108.0	114.0	119.4
75°	67.5	75.2	85.5	95.9	105.7	115.5	125.4	135.1	143.5	151.3	159.2
72.5°	84.0	96.6	108.9	120.9	133.6	145.8	157.3	168.1	178.9	189.6	199.7
70°	103.8	118.0	132.9	148.0	162.8	176.3	189.7	203.3	216.6	228.6	239.3
67.5°	123.5	140.6	157.7	174.8	190.9	206.4	222.2	237.7	252.6	265.2	276.4
65°	143.8	162.9	182.1	200.5	218.1	236.2	254.0	271.2	285.1	296.8	308.0
62.5°	163.7	185.3	206.1	226.3	246.2	266.0	283.1	298.5	313.0	325.6	337.8
60°	184.0	207.4	230.0	252.2	273.2	291.4	308.9	324.3	338.9	352.8	363.0
57.5°	204.1	229.3	253.7	276.5	296.7	315.4	332.2	348.5	361.1	372.2	383.5
55°	223.7	250.7	275.9	298.4	318.8	336.8	353.8	367.4	380.0	390.4	401.4
52.5°	242.9	271.2	296.1	318.8	338.6	356.3	371.3	384.8	396.5	407.2	416.1
50°	261.7	289.5	315.4	336.8	356.5	373.1	387.2	400.1	411.5	421.2	429.3
47.5°	278.5	307.2	331.6	353.6	372.2	388.0	401.6	413.9	425.2	433.8	441.9
45°	294.1	322.4	347.2	368.2	386.4	401.2	414.4	427.1	436.5	445.1	451.3
42.5°	309.2	336.5	360.7	382.4	398.4	412.8	426.1	437.2	446.9	454.3	461.0
40°	321.9	350.1	373.3	392.9	409.4	423.0	435.4	446.5	456.0	463.4	470.6
37.5°	333.9	361.1	384.6	403.0	418.3	431.8	444.1	454.4	463.8	471.6	481.4
35°	345.4	371.6	393.4	411.3	426.2	439.6	451.3	461.9	471.1	481.8	493.2
32.5°	355.3	381.5	401.8	418.1	432.8	446.5	458.1	468.8	479.6	491.7	505.7
30°	363.6	388.9	409.0	424.2	438.9	451.8	464.4	475.9	487.7	502.2	520.5
27.5°	371.1	395.6	414.1	429.5	444.3	456.4	469.6	482.7	496.4	513.3	536.4
25°	378.2	401.7	418.7	434.3	448.2	460.7	474.3	487.8	505.0	527.3	557.4
22.5°	384.0	407.4	422.8	438.7	451.4	464.7	478.6	493.7	513.1	540.2	579.5
20°	388.6	410.7	426.2	442.0	454.0	468.2	482.4	498.8	521.9	557.2	602.8
17.5°	392.7	413.6	429.1	444.0	456.6	471.1	485.7	502.8	529.3	573.2	624.3
15°	396.4	416.0	431.4	445.6	458.9	473.4	488.7	508.3	539.0	588.6	643.7
12.5°	399.6	417.9	433.2	446.8	460.7	474.9	491.2	512.9	549.4	602.9	662.9
10°	402.3	419.4	434.5	447.6	462.0	475.8	493.2	515.9	556.8	611.1	674.3
7.5°	403.9	420.5	435.3	448.1	462.8	476.0	494.6	517.5	561.4	615.4	680.4
5°	404.9	421.4	436.4	448.9	463.7	476.7	495.8	517.8	563.3	616.2	682.8
2.5°	405.1	422.0	437.0	449.5	464.4	478.4	498.2	520.5	565.0	619.2	684.4
0°	404.8	422.2	437.2	449.7	464.7	479.7	499.7	522.2	564.7	622.1	684.6
-2.5°	405.1	422.0	437.0	449.5	464.4	478.4	498.2	520.5	565.0	619.2	684.4
-5°	404.9	421.4	436.4	448.9	463.7	476.7	495.8	517.8	563.3	616.2	682.8
-7.5°	403.9	420.5	435.3	448.1	462.8	476.0	494.6	517.5	561.4	615.4	680.4
-10°	402.3	419.4	434.5	447.6	462.0	475.8	493.2	515.9	556.8	611.1	674.3
-12.5°	399.6	417.9	433.2	446.8	460.7	474.9	491.2	512.9	549.4	602.9	662.9
-15°	396.4	416.0	431.4	445.6	458.9	473.4	488.7	508.3	539.0	588.6	643.7
-17.5°	392.7	413.6	429.1	444.0	456.6	471.1	485.7	502.8	529.3	573.2	624.3
-20°	388.6	410.7	426.2	442.0	454.0	468.2	482.4	498.8	521.9	557.2	602.8



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	384.0	407.4	422.8	438.7	451.4	464.7	478.6	493.7	513.1	540.2	579.5
-25°	378.2	401.7	418.7	434.3	448.2	460.7	474.3	487.8	505.0	527.3	557.4
-27.5°	371.1	395.6	414.1	429.5	444.3	456.4	469.6	482.7	496.4	513.3	536.4
-30°	363.6	388.9	409.0	424.2	438.9	451.8	464.4	475.9	487.7	502.2	520.5
-32.5°	355.3	381.5	401.8	418.1	432.8	446.5	458.1	468.8	479.6	491.7	505.7
-35°	345.4	371.6	393.4	411.3	426.2	439.6	451.3	461.9	471.1	481.8	493.2
-37.5°	333.9	361.1	384.6	403.0	418.3	431.8	444.1	454.4	463.8	471.6	481.4
-40°	321.9	350.1	373.3	392.9	409.4	423.0	435.4	446.5	456.0	463.4	470.6
-42.5°	309.2	336.5	360.7	382.4	398.4	412.8	426.1	437.2	446.9	454.3	461.0
-45°	294.1	322.4	347.2	368.2	386.4	401.2	414.4	427.1	436.5	445.1	451.3
-47.5°	278.5	307.2	331.6	353.6	372.2	388.0	401.6	413.9	425.2	433.8	441.9
-50°	261.7	289.5	315.4	336.8	356.5	373.1	387.2	400.1	411.5	421.2	429.3
-52.5°	242.9	271.2	296.1	318.8	338.6	356.3	371.3	384.8	396.5	407.2	416.1
-55°	223.7	250.7	275.9	298.4	318.8	336.8	353.8	367.4	380.0	390.4	401.4
-57.5°	204.1	229.3	253.7	276.5	296.7	315.4	332.2	348.5	361.1	372.2	383.5
-60°	184.0	207.4	230.0	252.2	273.2	291.4	308.9	324.3	338.9	352.8	363.0
-62.5°	163.7	185.3	206.1	226.3	246.2	266.0	283.1	298.5	313.0	325.6	337.8
-65°	143.8	162.9	182.1	200.5	218.1	236.2	254.0	271.2	285.1	296.8	308.0
-67.5°	123.5	140.6	157.7	174.8	190.9	206.4	222.2	237.7	252.6	265.2	276.4
-70°	103.8	118.0	132.9	148.0	162.8	176.3	189.7	203.3	216.6	228.6	239.3
-72.5°	84.0	96.6	108.9	120.9	133.6	145.8	157.3	168.1	178.9	189.6	199.7
-75°	67.5	75.2	85.5	95.9	105.7	115.5	125.4	135.1	143.5	151.3	159.2
-77.5°	53.3	59.0	65.2	71.9	78.3	85.8	93.3	101.0	108.0	114.0	119.4
-80°	39.7	42.5	46.4	50.9	55.5	60.0	64.3	68.4	72.9	77.7	82.8
-82.5°	27.6	30.0	32.0	33.7	35.6	37.2	39.1	42.0	45.8	49.4	52.8
-85°	16.1	17.5	19.3	20.8	22.2	23.6	24.7	25.8	27.3	28.8	30.3
-87.5°	8.1	8.7	9.4	10.0	10.7	11.2	11.8	12.4	12.9	13.4	13.9
-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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	14.3	14.2	14.1	13.9	13.6	13.9	14.1	14.3	14.5	14.6	14.8
85°	31.8	33.2	34.5	35.9	37.3	38.3	39.2	39.9	40.6	41.2	41.7
82.5°	55.9	58.8	61.4	63.7	65.8	67.5	69.1	70.5	71.7	72.7	73.5
80°	87.2	91.5	95.6	99.4	102.9	105.7	108.1	110.0	111.6	113.3	114.8
77.5°	124.7	130.7	136.4	141.6	146.2	150.1	153.5	156.4	158.8	161.9	164.6
75°	167.0	174.3	180.9	186.9	192.5	197.5	201.9	205.8	209.1	212.3	215.1
72.5°	209.4	218.1	225.7	232.2	238.1	243.8	249.3	254.5	259.3	262.9	265.5
70°	249.2	258.2	266.3	273.7	280.6	287.7	294.9	301.6	307.7	311.7	313.9
67.5°	285.7	294.9	304.2	313.4	321.6	329.0	336.3	342.9	348.8	352.9	355.3
65°	318.8	328.9	338.9	348.3	357.0	363.3	369.9	376.2	382.0	386.7	390.2
62.5°	349.7	359.6	368.1	376.1	383.5	389.8	396.3	402.0	407.0	411.5	415.6
60°	373.3	383.4	391.7	399.0	405.9	412.2	417.3	421.6	425.0	427.8	430.4
57.5°	393.5	403.2	411.5	417.6	423.7	429.7	434.1	436.8	438.9	440.4	441.5
55°	410.9	418.7	425.6	432.4	438.4	443.7	447.5	449.3	450.4	451.0	451.6
52.5°	424.9	432.5	439.7	446.0	450.8	455.2	459.0	460.0	460.6	460.9	461.0
50°	437.7	445.2	450.8	456.2	461.0	465.1	468.3	469.9	470.7	470.9	470.4
47.5°	448.1	454.4	460.7	466.3	471.2	475.8	479.5	481.6	483.2	483.8	483.8
45°	457.1	464.6	471.3	477.8	483.5	489.5	494.6	498.1	501.6	504.0	505.1
42.5°	467.9	475.4	482.8	491.7	500.0	507.7	516.2	523.7	531.5	539.7	545.4
40°	478.8	486.9	498.3	509.0	521.1	532.0	549.9	567.7	581.3	592.8	603.3
37.5°	491.3	503.1	516.7	530.6	550.3	570.7	593.2	615.3	634.6	652.0	666.1
35°	505.6	521.5	538.1	562.8	587.8	613.1	640.0	669.5	694.4	712.7	725.7
32.5°	523.2	543.1	569.8	601.3	632.2	664.8	697.4	730.2	754.8	780.1	805.7
30°	542.6	571.3	605.9	644.3	682.7	721.8	762.6	808.1	851.4	897.9	964.4
27.5°	567.4	602.4	643.1	688.4	734.8	781.2	852.5	930.6	1046.5	1139.1	1296.2
25°	593.8	634.9	683.4	735.9	792.4	875.7	1006.2	1160.3	1433.3	1645.2	1966.5
22.5°	623.4	671.7	725.2	785.5	876.8	1033.9	1257.0	1652.7	2203.4	2747.2	3352.1
20°	652.5	705.9	764.5	855.8	1010.9	1259.5	1742.4	2598.1	3553.7	4914.4	6056.4
17.5°	680.1	736.8	811.2	934.8	1166.9	1666.8	2602.2	4067.9	6063.8	8257.1	10086.1
15°	704.3	762.3	862.5	1058.2	1450.4	2228.9	3641.4	6135.8	9489.4	12492.3	15170.7
12.5°	724.8	793.5	918.1	1157.8	1696.5	2848.8	5114.7	8656.7	12752.0	16963.4	20353.0
10°	739.7	826.6	992.4	1342.2	2087.5	3586.7	6342.8	10810.6	15741.5	20860.2	26987.7
7.5°	748.7	850.3	1048.7	1479.1	2436.3	4408.3	7883.2	12733.7	18396.2	25383.7	34745.7
5°	755.1	866.3	1090.4	1582.1	2669.3	4951.4	8855.8	14190.7	20686.6	30790.2	50057.8
2.5°	758.3	873.4	1114.0	1638.6	2775.6	5230.6	9540.2	15024.9	22080.3	34604.2	60665.1
0°	757.0	869.5	1116.8	1651.5	2790.8	5444.2	9654.1	15263.1	22551.2	34946.1	64065.7
-2.5°	758.3	873.4	1114.0	1638.6	2775.6	5230.6	9540.2	15024.9	22080.3	34604.2	60665.1
-5°	755.1	866.3	1090.4	1582.1	2669.3	4951.4	8855.8	14190.7	20686.6	30790.2	50057.8
-7.5°	748.7	850.3	1048.7	1479.1	2436.3	4408.3	7883.2	12733.7	18396.2	25383.7	34745.7
-10°	739.7	826.6	992.4	1342.2	2087.5	3586.7	6342.8	10810.6	15741.5	20860.2	26987.7
-12.5°	724.8	793.5	918.1	1157.8	1696.5	2848.8	5114.7	8656.7	12752.0	16963.4	20353.0
-15°	704.3	762.3	862.5	1058.2	1450.4	2228.9	3641.4	6135.8	9489.4	12492.3	15170.7
-17.5°	680.1	736.8	811.2	934.8	1166.9	1666.8	2602.2	4067.9	6063.8	8257.1	10086.1
-20°	652.5	705.9	764.5	855.8	1010.9	1259.5	1742.4	2598.1	3553.7	4914.4	6056.4



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	623.4	671.7	725.2	785.5	876.8	1033.9	1257.0	1652.7	2203.4	2747.2	3352.1
-25°	593.8	634.9	683.4	735.9	792.4	875.7	1006.2	1160.3	1433.3	1645.2	1966.5
-27.5°	567.4	602.4	643.1	688.4	734.8	781.2	852.5	930.6	1046.5	1139.1	1296.2
-30°	542.6	571.3	605.9	644.3	682.7	721.8	762.6	808.1	851.4	897.9	964.4
-32.5°	523.2	543.1	569.8	601.3	632.2	664.8	697.4	730.2	754.8	780.1	805.7
-35°	505.6	521.5	538.1	562.8	587.8	613.1	640.0	669.5	694.4	712.7	725.7
-37.5°	491.3	503.1	516.7	530.6	550.3	570.7	593.2	615.3	634.6	652.0	666.1
-40°	478.8	486.9	498.3	509.0	521.1	532.0	549.9	567.7	581.3	592.8	603.3
-42.5°	467.9	475.4	482.8	491.7	500.0	507.7	516.2	523.7	531.5	539.7	545.4
-45°	457.1	464.6	471.3	477.8	483.5	489.5	494.6	498.1	501.6	504.0	505.1
-47.5°	448.1	454.4	460.7	466.3	471.2	475.8	479.5	481.6	483.2	483.8	483.8
-50°	437.7	445.2	450.8	456.2	461.0	465.1	468.3	469.9	470.7	470.9	470.4
-52.5°	424.9	432.5	439.7	446.0	450.8	455.2	459.0	460.0	460.6	460.9	461.0
-55°	410.9	418.7	425.6	432.4	438.4	443.7	447.5	449.3	450.4	451.0	451.6
-57.5°	393.5	403.2	411.5	417.6	423.7	429.7	434.1	436.8	438.9	440.4	441.5
-60°	373.3	383.4	391.7	399.0	405.9	412.2	417.3	421.6	425.0	427.8	430.4
-62.5°	349.7	359.6	368.1	376.1	383.5	389.8	396.3	402.0	407.0	411.5	415.6
-65°	318.8	328.9	338.9	348.3	357.0	363.3	369.9	376.2	382.0	386.7	390.2
-67.5°	285.7	294.9	304.2	313.4	321.6	329.0	336.3	342.9	348.8	352.9	355.3
-70°	249.2	258.2	266.3	273.7	280.6	287.7	294.9	301.6	307.7	311.7	313.9
-72.5°	209.4	218.1	225.7	232.2	238.1	243.8	249.3	254.5	259.3	262.9	265.5
-75°	167.0	174.3	180.9	186.9	192.5	197.5	201.9	205.8	209.1	212.3	215.1
-77.5°	124.7	130.7	136.4	141.6	146.2	150.1	153.5	156.4	158.8	161.9	164.6
-80°	87.2	91.5	95.6	99.4	102.9	105.7	108.1	110.0	111.6	113.3	114.8
-82.5°	55.9	58.8	61.4	63.7	65.8	67.5	69.1	70.5	71.7	72.7	73.5
-85°	31.8	33.2	34.5	35.9	37.3	38.3	39.2	39.9	40.6	41.2	41.7
-87.5°	14.3	14.2	14.1	13.9	13.6	13.9	14.1	14.3	14.5	14.6	14.8
-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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	14.3
85°	42.0	42.3	42.4	42.5	42.4	42.3	42.0	41.7	41.2	40.6	39.9
82.5°	74.2	74.6	74.9	75.0	74.9	74.6	74.2	73.5	72.7	71.7	70.5
80°	115.9	116.7	117.2	117.4	117.2	116.7	115.9	114.8	113.3	111.6	110.0
77.5°	167.0	168.9	169.6	169.9	169.6	168.9	167.0	164.6	161.9	158.8	156.4
75°	217.2	218.7	219.6	219.9	219.6	218.7	217.2	215.1	212.3	209.1	205.8
72.5°	267.4	268.5	270.6	272.3	270.6	268.5	267.4	265.5	262.9	259.3	254.5
70°	315.3	315.9	318.1	319.8	318.1	315.9	315.3	313.9	311.7	307.7	301.6
67.5°	357.2	358.4	358.3	357.3	358.3	358.4	357.2	355.3	352.9	348.8	342.9
65°	393.2	395.7	395.8	394.8	395.8	395.7	393.2	390.2	386.7	382.0	376.2
62.5°	419.5	423.0	424.4	424.7	424.4	423.0	419.5	415.6	411.5	407.0	402.0
60°	432.5	434.0	434.6	434.7	434.6	434.0	432.5	430.4	427.8	425.0	421.6
57.5°	442.0	442.0	442.1	442.2	442.1	442.0	442.0	441.5	440.4	438.9	436.8
55°	451.9	451.9	451.1	449.7	451.1	451.9	451.9	451.6	451.0	450.4	449.3
52.5°	460.6	459.8	458.6	457.2	458.6	459.8	460.6	461.0	460.9	460.6	460.0
50°	469.3	467.8	467.0	467.2	467.0	467.8	469.3	470.4	470.9	470.7	469.9
47.5°	483.4	482.3	481.9	482.2	481.9	482.3	483.4	483.8	483.8	483.2	481.6
45°	505.6	504.8	504.2	504.7	504.2	504.8	505.6	505.1	504.0	501.6	498.1
42.5°	548.5	548.9	548.6	549.7	548.6	548.9	548.5	545.4	539.7	531.5	523.7
40°	607.4	607.1	605.1	604.6	605.1	607.1	607.4	603.3	592.8	581.3	567.7
37.5°	671.8	671.9	669.8	669.6	669.8	671.9	671.8	666.1	652.0	634.6	615.3
35°	732.5	734.8	734.4	732.1	734.4	734.8	732.5	725.7	712.7	694.4	669.5
32.5°	823.8	837.8	845.1	842.0	845.1	837.8	823.8	805.7	780.1	754.8	730.2
30°	1006.1	1042.1	1061.0	1069.3	1061.0	1042.1	1006.1	964.4	897.9	851.4	808.1
27.5°	1408.6	1488.0	1523.8	1536.6	1523.8	1488.0	1408.6	1296.2	1139.1	1046.5	930.6
25°	2247.1	2426.5	2514.9	2543.4	2514.9	2426.5	2247.1	1966.5	1645.2	1433.3	1160.3
22.5°	4018.1	4363.5	4599.8	4652.1	4599.8	4363.5	4018.1	3352.1	2747.2	2203.4	1652.7
20°	7204.5	7872.6	8235.1	8202.5	8235.1	7872.6	7204.5	6056.4	4914.4	3553.7	2598.1
17.5°	11640.8	12497.5	12905.3	12714.7	12905.3	12497.5	11640.8	10086.1	8257.1	6063.8	4067.9
15°	17065.0	18222.4	18727.3	18883.4	18727.3	18222.4	17065.0	15170.7	12492.3	9489.4	6135.8
12.5°	23736.6	27531.0	29345.5	29831.7	29345.5	27531.0	23736.6	20353.0	16963.4	12752.0	8656.7
10°	33255.2	46009.6	53596.1	55448.5	53596.1	46009.6	33255.2	26987.7	20860.2	15741.5	10810.6
7.5°	54308.6	80226.6	109260.7	123009.6	109260.7	80226.6	54308.6	34745.7	25383.7	18396.2	12733.7
5°	82820.5	143741.6	210964.4	237317.0	210964.4	143741.6	82820.5	50057.8	30790.2	20686.6	14190.7
2.5°	117481.5	217038.8	309924.3	344550.0	309924.3	217038.8	117481.5	60665.1	34604.2	22080.3	15024.9
0°	132125.3	250221.6	341469.4	371130.0	341469.4	250221.6	132125.3	64065.7	34946.1	22551.2	15263.1
-2.5°	117481.5	217038.8	309924.3	344550.0	309924.3	217038.8	117481.5	60665.1	34604.2	22080.3	15024.9
-5°	82820.5	143741.6	210964.4	237317.0	210964.4	143741.6	82820.5	50057.8	30790.2	20686.6	14190.7
-7.5°	54308.6	80226.6	109260.7	123009.6	109260.7	80226.6	54308.6	34745.7	25383.7	18396.2	12733.7
-10°	33255.2	46009.6	53596.1	55448.5	53596.1	46009.6	33255.2	26987.7	20860.2	15741.5	10810.6
-12.5°	23736.6	27531.0	29345.5	29831.7	29345.5	27531.0	23736.6	20353.0	16963.4	12752.0	8656.7
-15°	17065.0	18222.4	18727.3	18883.4	18727.3	18222.4	17065.0	15170.7	12492.3	9489.4	6135.8
-17.5°	11640.8	12497.5	12905.3	12714.7	12905.3	12497.5	11640.8	10086.1	8257.1	6063.8	4067.9
-20°	7204.5	7872.6	8235.1	8202.5	8235.1	7872.6	7204.5	6056.4	4914.4	3553.7	2598.1



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	4018.1	4363.5	4599.8	4652.1	4599.8	4363.5	4018.1	3352.1	2747.2	2203.4	1652.7
-25°	2247.1	2426.5	2514.9	2543.4	2514.9	2426.5	2247.1	1966.5	1645.2	1433.3	1160.3
-27.5°	1408.6	1488.0	1523.8	1536.6	1523.8	1488.0	1408.6	1296.2	1139.1	1046.5	930.6
-30°	1006.1	1042.1	1061.0	1069.3	1061.0	1042.1	1006.1	964.4	897.9	851.4	808.1
-32.5°	823.8	837.8	845.1	842.0	845.1	837.8	823.8	805.7	780.1	754.8	730.2
-35°	732.5	734.8	734.4	732.1	734.4	734.8	732.5	725.7	712.7	694.4	669.5
-37.5°	671.8	671.9	669.8	669.6	669.8	671.9	671.8	666.1	652.0	634.6	615.3
-40°	607.4	607.1	605.1	604.6	605.1	607.1	607.4	603.3	592.8	581.3	567.7
-42.5°	548.5	548.9	548.6	549.7	548.6	548.9	548.5	545.4	539.7	531.5	523.7
-45°	505.6	504.8	504.2	504.7	504.2	504.8	505.6	505.1	504.0	501.6	498.1
-47.5°	483.4	482.3	481.9	482.2	481.9	482.3	483.4	483.8	483.8	483.2	481.6
-50°	469.3	467.8	467.0	467.2	467.0	467.8	469.3	470.4	470.9	470.7	469.9
-52.5°	460.6	459.8	458.6	457.2	458.6	459.8	460.6	461.0	460.9	460.6	460.0
-55°	451.9	451.9	451.1	449.7	451.1	451.9	451.9	451.6	451.0	450.4	449.3
-57.5°	442.0	442.0	442.1	442.2	442.1	442.0	442.0	441.5	440.4	438.9	436.8
-60°	432.5	434.0	434.6	434.7	434.6	434.0	432.5	430.4	427.8	425.0	421.6
-62.5°	419.5	423.0	424.4	424.7	424.4	423.0	419.5	415.6	411.5	407.0	402.0
-65°	393.2	395.7	395.8	394.8	395.8	395.7	393.2	390.2	386.7	382.0	376.2
-67.5°	357.2	358.4	358.3	357.3	358.3	358.4	357.2	355.3	352.9	348.8	342.9
-70°	315.3	315.9	318.1	319.8	318.1	315.9	315.3	313.9	311.7	307.7	301.6
-72.5°	267.4	268.5	270.6	272.3	270.6	268.5	267.4	265.5	262.9	259.3	254.5
-75°	217.2	218.7	219.6	219.9	219.6	218.7	217.2	215.1	212.3	209.1	205.8
-77.5°	167.0	168.9	169.6	169.9	169.6	168.9	167.0	164.6	161.9	158.8	156.4
-80°	115.9	116.7	117.2	117.4	117.2	116.7	115.9	114.8	113.3	111.6	110.0
-82.5°	74.2	74.6	74.9	75.0	74.9	74.6	74.2	73.5	72.7	71.7	70.5
-85°	42.0	42.3	42.4	42.5	42.4	42.3	42.0	41.7	41.2	40.6	39.9
-87.5°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	14.3
-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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	14.1	13.9	13.6	13.9	14.1	14.2	14.3	13.9	13.4	12.9	12.4
85°	39.2	38.3	37.3	35.9	34.5	33.2	31.8	30.3	28.8	27.3	25.8
82.5°	69.1	67.5	65.8	63.7	61.4	58.8	55.9	52.8	49.4	45.8	42.0
80°	108.1	105.7	102.9	99.4	95.6	91.5	87.2	82.8	77.7	72.9	68.4
77.5°	153.5	150.1	146.2	141.6	136.4	130.7	124.7	119.4	114.0	108.0	101.0
75°	201.9	197.5	192.5	186.9	180.9	174.3	167.0	159.2	151.3	143.5	135.1
72.5°	249.3	243.8	238.1	232.2	225.7	218.1	209.4	199.7	189.6	178.9	168.1
70°	294.9	287.7	280.6	273.7	266.3	258.2	249.2	239.3	228.6	216.6	203.3
67.5°	336.3	329.0	321.6	313.4	304.2	294.9	285.7	276.4	265.2	252.6	237.7
65°	369.9	363.3	357.0	348.3	338.9	328.9	318.8	308.0	296.8	285.1	271.2
62.5°	396.3	389.8	383.5	376.1	368.1	359.6	349.7	337.8	325.6	313.0	298.5
60°	417.3	412.2	405.9	399.0	391.7	383.4	373.3	363.0	352.8	338.9	324.3
57.5°	434.1	429.7	423.7	417.6	411.5	403.2	393.5	383.5	372.2	361.1	348.5
55°	447.5	443.7	438.4	432.4	425.6	418.7	410.9	401.4	390.4	380.0	367.4
52.5°	459.0	455.2	450.8	446.0	439.7	432.5	424.9	416.1	407.2	396.5	384.8
50°	468.3	465.1	461.0	456.2	450.8	445.2	437.7	429.3	421.2	411.5	400.1
47.5°	479.5	475.8	471.2	466.3	460.7	454.4	448.1	441.9	433.8	425.2	413.9
45°	494.6	489.5	483.5	477.8	471.3	464.6	457.1	451.3	445.1	436.5	427.1
42.5°	516.2	507.7	500.0	491.7	482.8	475.4	467.9	461.0	454.3	446.9	437.2
40°	549.9	532.0	521.1	509.0	498.3	486.9	478.8	470.6	463.4	456.0	446.5
37.5°	593.2	570.7	550.3	530.6	516.7	503.1	491.3	481.4	471.6	463.8	454.4
35°	640.0	613.1	587.8	562.8	538.1	521.5	505.6	493.2	481.8	471.1	461.9
32.5°	697.4	664.8	632.2	601.3	569.8	543.1	523.2	505.7	491.7	479.6	468.8
30°	762.6	721.8	682.7	644.3	605.9	571.3	542.6	520.5	502.2	487.7	475.9
27.5°	852.5	781.2	734.8	688.4	643.1	602.4	567.4	536.4	513.3	496.4	482.7
25°	1006.2	875.7	792.4	735.9	683.4	634.9	593.8	557.4	527.3	505.0	487.8
22.5°	1257.0	1033.9	876.8	785.5	725.2	671.7	623.4	579.5	540.2	513.1	493.7
20°	1742.4	1259.5	1010.9	855.8	764.5	705.9	652.5	602.8	557.2	521.9	498.8
17.5°	2602.2	1666.8	1166.9	934.8	811.2	736.8	680.1	624.3	573.2	529.3	502.8
15°	3641.4	2228.9	1450.4	1058.2	862.5	762.3	704.3	643.7	588.6	539.0	508.3
12.5°	5114.7	2848.8	1696.5	1157.8	918.1	793.5	724.8	662.9	602.9	549.4	512.9
10°	6342.8	3586.7	2087.5	1342.2	992.4	826.6	739.7	674.3	611.1	556.8	515.9
7.5°	7883.2	4408.3	2436.3	1479.1	1048.7	850.3	748.7	680.4	615.4	561.4	517.5
5°	8855.8	4951.4	2669.3	1582.1	1090.4	866.3	755.1	682.8	616.2	563.3	517.8
2.5°	9540.2	5230.6	2775.6	1638.6	1114.0	873.4	758.3	684.4	619.2	565.0	520.5
0°	9654.1	5444.2	2790.8	1651.5	1116.8	869.5	757.0	684.6	622.1	564.7	522.2
-2.5°	9540.2	5230.6	2775.6	1638.6	1114.0	873.4	758.3	684.4	619.2	565.0	520.5
-5°	8855.8	4951.4	2669.3	1582.1	1090.4	866.3	755.1	682.8	616.2	563.3	517.8
-7.5°	7883.2	4408.3	2436.3	1479.1	1048.7	850.3	748.7	680.4	615.4	561.4	517.5
-10°	6342.8	3586.7	2087.5	1342.2	992.4	826.6	739.7	674.3	611.1	556.8	515.9
-12.5°	5114.7	2848.8	1696.5	1157.8	918.1	793.5	724.8	662.9	602.9	549.4	512.9
-15°	3641.4	2228.9	1450.4	1058.2	862.5	762.3	704.3	643.7	588.6	539.0	508.3
-17.5°	2602.2	1666.8	1166.9	934.8	811.2	736.8	680.1	624.3	573.2	529.3	502.8
-20°	1742.4	1259.5	1010.9	855.8	764.5	705.9	652.5	602.8	557.2	521.9	498.8



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1257.0	1033.9	876.8	785.5	725.2	671.7	623.4	579.5	540.2	513.1	493.7
-25°	1006.2	875.7	792.4	735.9	683.4	634.9	593.8	557.4	527.3	505.0	487.8
-27.5°	852.5	781.2	734.8	688.4	643.1	602.4	567.4	536.4	513.3	496.4	482.7
-30°	762.6	721.8	682.7	644.3	605.9	571.3	542.6	520.5	502.2	487.7	475.9
-32.5°	697.4	664.8	632.2	601.3	569.8	543.1	523.2	505.7	491.7	479.6	468.8
-35°	640.0	613.1	587.8	562.8	538.1	521.5	505.6	493.2	481.8	471.1	461.9
-37.5°	593.2	570.7	550.3	530.6	516.7	503.1	491.3	481.4	471.6	463.8	454.4
-40°	549.9	532.0	521.1	509.0	498.3	486.9	478.8	470.6	463.4	456.0	446.5
-42.5°	516.2	507.7	500.0	491.7	482.8	475.4	467.9	461.0	454.3	446.9	437.2
-45°	494.6	489.5	483.5	477.8	471.3	464.6	457.1	451.3	445.1	436.5	427.1
-47.5°	479.5	475.8	471.2	466.3	460.7	454.4	448.1	441.9	433.8	425.2	413.9
-50°	468.3	465.1	461.0	456.2	450.8	445.2	437.7	429.3	421.2	411.5	400.1
-52.5°	459.0	455.2	450.8	446.0	439.7	432.5	424.9	416.1	407.2	396.5	384.8
-55°	447.5	443.7	438.4	432.4	425.6	418.7	410.9	401.4	390.4	380.0	367.4
-57.5°	434.1	429.7	423.7	417.6	411.5	403.2	393.5	383.5	372.2	361.1	348.5
-60°	417.3	412.2	405.9	399.0	391.7	383.4	373.3	363.0	352.8	338.9	324.3
-62.5°	396.3	389.8	383.5	376.1	368.1	359.6	349.7	337.8	325.6	313.0	298.5
-65°	369.9	363.3	357.0	348.3	338.9	328.9	318.8	308.0	296.8	285.1	271.2
-67.5°	336.3	329.0	321.6	313.4	304.2	294.9	285.7	276.4	265.2	252.6	237.7
-70°	294.9	287.7	280.6	273.7	266.3	258.2	249.2	239.3	228.6	216.6	203.3
-72.5°	249.3	243.8	238.1	232.2	225.7	218.1	209.4	199.7	189.6	178.9	168.1
-75°	201.9	197.5	192.5	186.9	180.9	174.3	167.0	159.2	151.3	143.5	135.1
-77.5°	153.5	150.1	146.2	141.6	136.4	130.7	124.7	119.4	114.0	108.0	101.0
-80°	108.1	105.7	102.9	99.4	95.6	91.5	87.2	82.8	77.7	72.9	68.4
-82.5°	69.1	67.5	65.8	63.7	61.4	58.8	55.9	52.8	49.4	45.8	42.0
-85°	39.2	38.3	37.3	35.9	34.5	33.2	31.8	30.3	28.8	27.3	25.8
-87.5°	14.1	13.9	13.6	13.9	14.1	14.2	14.3	13.9	13.4	12.9	12.4
-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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	11.8	11.2	10.7	10.0	9.4	8.7	8.1	7.4	6.7	6.0	5.3
85°	24.7	23.6	22.2	20.8	19.3	17.5	16.1	14.8	13.4	12.0	10.5
82.5°	39.1	37.2	35.6	33.7	32.0	30.0	27.6	24.8	21.4	18.1	15.7
80°	64.3	60.0	55.5	50.9	46.4	42.5	39.7	36.2	31.5	27.0	22.5
77.5°	93.3	85.8	78.3	71.9	65.2	59.0	53.3	47.9	41.6	35.7	30.1
75°	125.4	115.5	105.7	95.9	85.5	75.2	67.5	60.3	52.6	44.6	37.5
72.5°	157.3	145.8	133.6	120.9	108.9	96.6	84.0	72.6	64.0	54.9	45.3
70°	189.7	176.3	162.8	148.0	132.9	118.0	103.8	89.3	75.4	65.1	54.5
67.5°	222.2	206.4	190.9	174.8	157.7	140.6	123.5	106.8	90.8	75.3	63.5
65°	254.0	236.2	218.1	200.5	182.1	162.9	143.8	124.3	105.9	88.5	72.4
62.5°	283.1	266.0	246.2	226.3	206.1	185.3	163.7	142.4	120.9	101.2	82.7
60°	308.9	291.4	273.2	252.2	230.0	207.4	184.0	160.2	136.9	113.6	93.4
57.5°	332.2	315.4	296.7	276.5	253.7	229.3	204.1	178.1	152.5	127.1	103.7
55°	353.8	336.8	318.8	298.4	275.9	250.7	223.7	195.9	167.9	140.7	113.8
52.5°	371.3	356.3	338.6	318.8	296.1	271.2	242.9	213.2	183.4	153.8	125.3
50°	387.2	373.1	356.5	336.8	315.4	289.5	261.7	230.4	198.5	166.7	136.5
47.5°	401.6	388.0	372.2	353.6	331.6	307.2	278.5	247.1	213.1	179.6	147.3
45°	414.4	401.2	386.4	368.2	347.2	322.4	294.1	263.3	227.6	192.2	157.6
42.5°	426.1	412.8	398.4	382.4	360.7	336.5	309.2	277.2	241.7	204.2	167.8
40°	435.4	423.0	409.4	392.9	373.3	350.1	321.9	290.2	255.3	215.9	177.9
37.5°	444.1	431.8	418.3	403.0	384.6	361.1	333.9	302.6	267.5	227.2	187.4
35°	451.3	439.6	426.2	411.3	393.4	371.6	345.4	313.9	277.8	237.8	196.4
32.5°	458.1	446.5	432.8	418.1	401.8	381.5	355.3	323.4	287.5	247.7	204.9
30°	464.4	451.8	438.9	424.2	409.0	388.9	363.6	332.4	296.5	256.9	212.8
27.5°	469.6	456.4	444.3	429.5	414.1	395.6	371.1	340.6	304.9	265.0	220.3
25°	474.3	460.7	448.2	434.3	418.7	401.7	378.2	348.2	312.0	271.7	227.0
22.5°	478.6	464.7	451.4	438.7	422.8	407.4	384.0	353.9	318.1	277.8	233.1
20°	482.4	468.2	454.0	442.0	426.2	410.7	388.6	359.1	323.5	283.3	238.6
17.5°	485.7	471.1	456.6	444.0	429.1	413.6	392.7	363.7	328.3	288.1	243.3
15°	488.7	473.4	458.9	445.6	431.4	416.0	396.4	367.7	332.5	292.2	247.4
12.5°	491.2	474.9	460.7	446.8	433.2	417.9	399.6	371.2	335.9	295.7	250.8
10°	493.2	475.8	462.0	447.6	434.5	419.4	402.3	373.9	338.6	298.4	253.5
7.5°	494.6	476.0	462.8	448.1	435.3	420.5	403.9	375.8	340.6	300.5	255.5
5°	495.8	476.7	463.7	448.9	436.4	421.4	404.9	377.0	341.9	301.8	256.8
2.5°	498.2	478.4	464.4	449.5	437.0	422.0	405.1	377.5	342.5	302.4	257.4
0°	499.7	479.7	464.7	449.7	437.2	422.2	404.8	377.3	342.3	302.3	257.3
-2.5°	498.2	478.4	464.4	449.5	437.0	422.0	405.1	377.5	342.5	302.4	257.4
-5°	495.8	476.7	463.7	448.9	436.4	421.4	404.9	377.0	341.9	301.8	256.8
-7.5°	494.6	476.0	462.8	448.1	435.3	420.5	403.9	375.8	340.6	300.5	255.5
-10°	493.2	475.8	462.0	447.6	434.5	419.4	402.3	373.9	338.6	298.4	253.5
-12.5°	491.2	474.9	460.7	446.8	433.2	417.9	399.6	371.2	335.9	295.7	250.8
-15°	488.7	473.4	458.9	445.6	431.4	416.0	396.4	367.7	332.5	292.2	247.4
-17.5°	485.7	471.1	456.6	444.0	429.1	413.6	392.7	363.7	328.3	288.1	243.3
-20°	482.4	468.2	454.0	442.0	426.2	410.7	388.6	359.1	323.5	283.3	238.6



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	478.6	464.7	451.4	438.7	422.8	407.4	384.0	353.9	318.1	277.8	233.1
-25°	474.3	460.7	448.2	434.3	418.7	401.7	378.2	348.2	312.0	271.7	227.0
-27.5°	469.6	456.4	444.3	429.5	414.1	395.6	371.1	340.6	304.9	265.0	220.3
-30°	464.4	451.8	438.9	424.2	409.0	388.9	363.6	332.4	296.5	256.9	212.8
-32.5°	458.1	446.5	432.8	418.1	401.8	381.5	355.3	323.4	287.5	247.7	204.9
-35°	451.3	439.6	426.2	411.3	393.4	371.6	345.4	313.9	277.8	237.8	196.4
-37.5°	444.1	431.8	418.3	403.0	384.6	361.1	333.9	302.6	267.5	227.2	187.4
-40°	435.4	423.0	409.4	392.9	373.3	350.1	321.9	290.2	255.3	215.9	177.9
-42.5°	426.1	412.8	398.4	382.4	360.7	336.5	309.2	277.2	241.7	204.2	167.8
-45°	414.4	401.2	386.4	368.2	347.2	322.4	294.1	263.3	227.6	192.2	157.6
-47.5°	401.6	388.0	372.2	353.6	331.6	307.2	278.5	247.1	213.1	179.6	147.3
-50°	387.2	373.1	356.5	336.8	315.4	289.5	261.7	230.4	198.5	166.7	136.5
-52.5°	371.3	356.3	338.6	318.8	296.1	271.2	242.9	213.2	183.4	153.8	125.3
-55°	353.8	336.8	318.8	298.4	275.9	250.7	223.7	195.9	167.9	140.7	113.8
-57.5°	332.2	315.4	296.7	276.5	253.7	229.3	204.1	178.1	152.5	127.1	103.7
-60°	308.9	291.4	273.2	252.2	230.0	207.4	184.0	160.2	136.9	113.6	93.4
-62.5°	283.1	266.0	246.2	226.3	206.1	185.3	163.7	142.4	120.9	101.2	82.7
-65°	254.0	236.2	218.1	200.5	182.1	162.9	143.8	124.3	105.9	88.5	72.4
-67.5°	222.2	206.4	190.9	174.8	157.7	140.6	123.5	106.8	90.8	75.3	63.5
-70°	189.7	176.3	162.8	148.0	132.9	118.0	103.8	89.3	75.4	65.1	54.5
-72.5°	157.3	145.8	133.6	120.9	108.9	96.6	84.0	72.6	64.0	54.9	45.3
-75°	125.4	115.5	105.7	95.9	85.5	75.2	67.5	60.3	52.6	44.6	37.5
-77.5°	93.3	85.8	78.3	71.9	65.2	59.0	53.3	47.9	41.6	35.7	30.1
-80°	64.3	60.0	55.5	50.9	46.4	42.5	39.7	36.2	31.5	27.0	22.5
-82.5°	39.1	37.2	35.6	33.7	32.0	30.0	27.6	24.8	21.4	18.1	15.7
-85°	24.7	23.6	22.2	20.8	19.3	17.5	16.1	14.8	13.4	12.0	10.5
-87.5°	11.8	11.2	10.7	10.0	9.4	8.7	8.1	7.4	6.7	6.0	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: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-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°	4.5	3.9	3.3	2.5	1.7	0.9	0.0
85°	9.1	7.8	6.5	5.1	3.5	1.7	0.0
82.5°	13.6	11.8	9.8	7.6	5.2	2.6	0.0
80°	18.3	15.7	13.0	10.1	6.9	3.5	0.0
77.5°	24.7	20.0	16.2	12.6	8.6	4.3	0.0
75°	31.0	25.3	19.6	15.1	10.3	5.2	0.0
72.5°	37.3	30.6	23.8	17.5	12.0	6.0	0.0
70°	43.7	35.8	27.9	20.1	13.7	6.8	0.0
67.5°	51.6	40.9	32.0	23.1	15.3	7.7	0.0
65°	59.3	46.5	36.1	26.2	16.9	8.5	0.0
62.5°	66.8	52.7	40.0	29.1	18.5	9.2	0.0
60°	74.2	58.8	43.9	32.0	20.0	10.0	0.0
57.5°	82.9	64.7	48.5	34.9	21.8	10.7	0.0
55°	91.6	70.4	53.0	37.6	23.7	11.5	0.0
52.5°	100.0	76.1	57.4	40.3	25.4	12.2	0.0
50°	108.1	82.9	61.6	42.9	27.1	12.9	0.0
47.5°	116.2	89.5	65.7	45.6	28.8	13.5	0.0
45°	125.0	95.8	69.5	48.5	30.3	14.1	0.0
42.5°	133.4	101.8	73.2	51.3	31.8	14.7	0.0
40°	141.4	107.6	77.3	53.8	33.3	15.3	0.0
37.5°	149.0	113.1	81.7	56.2	34.6	15.9	0.0
35°	156.1	118.8	85.8	58.5	35.9	16.4	0.0
32.5°	162.9	124.3	89.7	60.6	37.2	16.9	0.0
30°	169.6	129.5	93.3	62.5	38.3	17.3	0.0
27.5°	175.9	134.2	96.6	64.3	39.3	17.7	0.0
25°	181.6	138.6	99.7	65.9	40.3	18.1	0.0
22.5°	186.8	142.5	102.5	67.3	41.2	18.5	0.0
20°	191.5	146.1	105.0	68.6	42.0	18.8	0.0
17.5°	195.7	149.3	107.3	69.6	42.7	19.1	0.0
15°	199.5	152.1	109.2	70.5	43.3	19.3	0.0
12.5°	202.6	154.5	110.9	71.3	43.8	19.5	0.0
10°	205.2	156.4	112.4	71.9	44.2	19.7	0.0
7.5°	207.3	157.9	113.5	72.3	44.6	19.8	0.0
5°	208.7	159.0	114.3	72.5	44.8	19.9	0.0
2.5°	209.6	159.7	114.7	72.6	45.0	20.0	0.0
0°	209.9	159.9	114.9	72.5	45.0	20.0	0.0
-2.5°	209.6	159.7	114.7	72.6	45.0	20.0	0.0
-5°	208.7	159.0	114.3	72.5	44.8	19.9	0.0
-7.5°	207.3	157.9	113.5	72.3	44.6	19.8	0.0
-10°	205.2	156.4	112.4	71.9	44.2	19.7	0.0
-12.5°	202.6	154.5	110.9	71.3	43.8	19.5	0.0
-15°	199.5	152.1	109.2	70.5	43.3	19.3	0.0
-17.5°	195.7	149.3	107.3	69.6	42.7	19.1	0.0
-20°	191.5	146.1	105.0	68.6	42.0	18.8	0.0



REPORT NUMBER: P559088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	186.8	142.5	102.5	67.3	41.2	18.5	0.0
-25°	181.6	138.6	99.7	65.9	40.3	18.1	0.0
-27.5°	175.9	134.2	96.6	64.3	39.3	17.7	0.0
-30°	169.6	129.5	93.3	62.5	38.3	17.3	0.0
-32.5°	162.9	124.3	89.7	60.6	37.2	16.9	0.0
-35°	156.1	118.8	85.8	58.5	35.9	16.4	0.0
-37.5°	149.0	113.1	81.7	56.2	34.6	15.9	0.0
-40°	141.4	107.6	77.3	53.8	33.3	15.3	0.0
-42.5°	133.4	101.8	73.2	51.3	31.8	14.7	0.0
-45°	125.0	95.8	69.5	48.5	30.3	14.1	0.0
-47.5°	116.2	89.5	65.7	45.6	28.8	13.5	0.0
-50°	108.1	82.9	61.6	42.9	27.1	12.9	0.0
-52.5°	100.0	76.1	57.4	40.3	25.4	12.2	0.0
-55°	91.6	70.4	53.0	37.6	23.7	11.5	0.0
-57.5°	82.9	64.7	48.5	34.9	21.8	10.7	0.0
-60°	74.2	58.8	43.9	32.0	20.0	10.0	0.0
-62.5°	66.8	52.7	40.0	29.1	18.5	9.2	0.0
-65°	59.3	46.5	36.1	26.2	16.9	8.5	0.0
-67.5°	51.6	40.9	32.0	23.1	15.3	7.7	0.0
-70°	43.7	35.8	27.9	20.1	13.7	6.8	0.0
-72.5°	37.3	30.6	23.8	17.5	12.0	6.0	0.0
-75°	31.0	25.3	19.6	15.1	10.3	5.2	0.0
-77.5°	24.7	20.0	16.2	12.6	8.6	4.3	0.0
-80°	18.3	15.7	13.0	10.1	6.9	3.5	0.0
-82.5°	13.6	11.8	9.8	7.6	5.2	2.6	0.0
-85°	9.1	7.8	6.5	5.1	3.5	1.7	0.0
-87.5°	4.5	3.9	3.3	2.5	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)