

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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559192 (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-SA6C-940-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

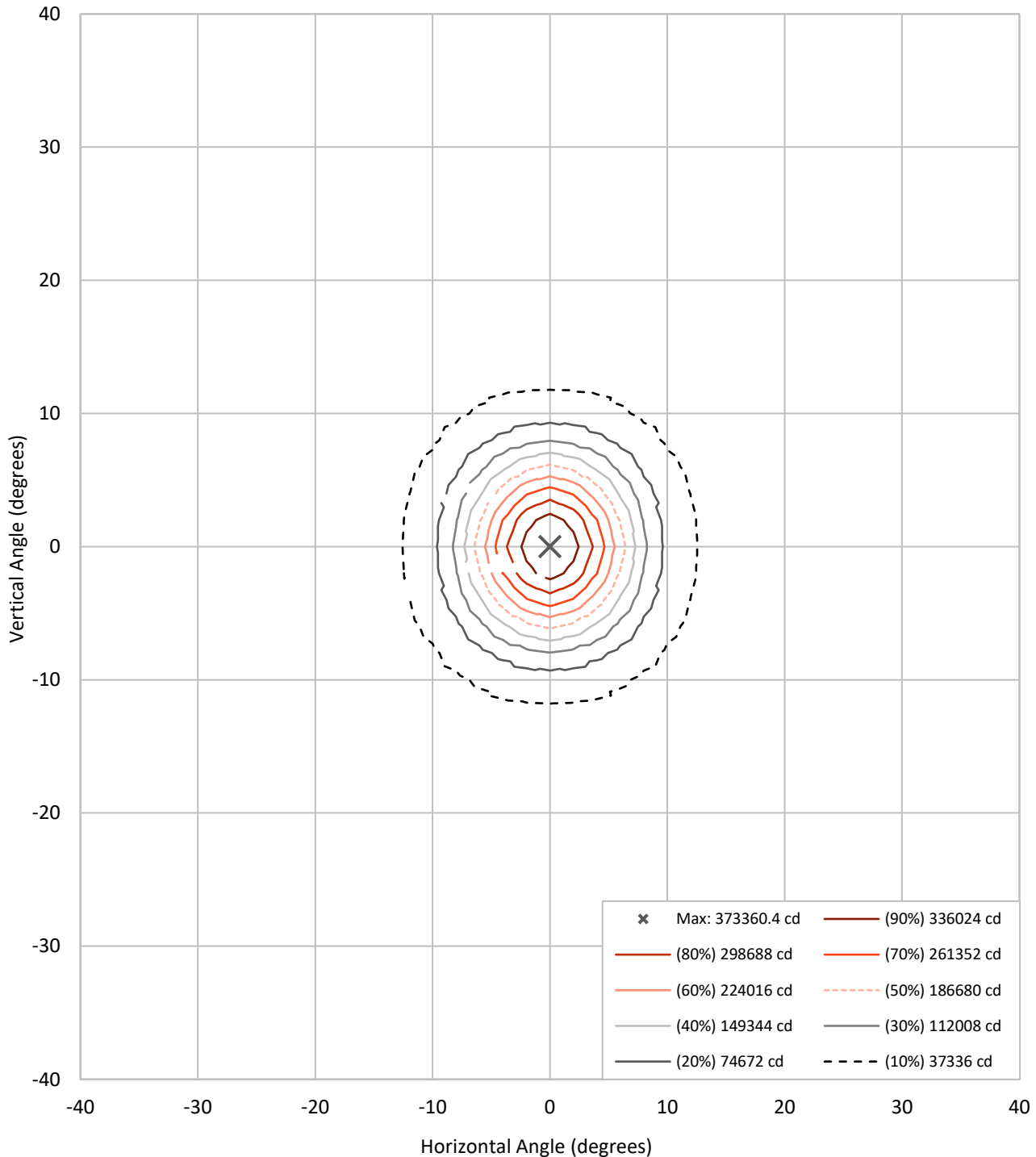
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	27063.7 lumens	Max Intensity:	373360.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	8551.7 lumens	Field Lumens:	18944.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 241
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6C-940-U-TS-XX

Iso-Candela Plot





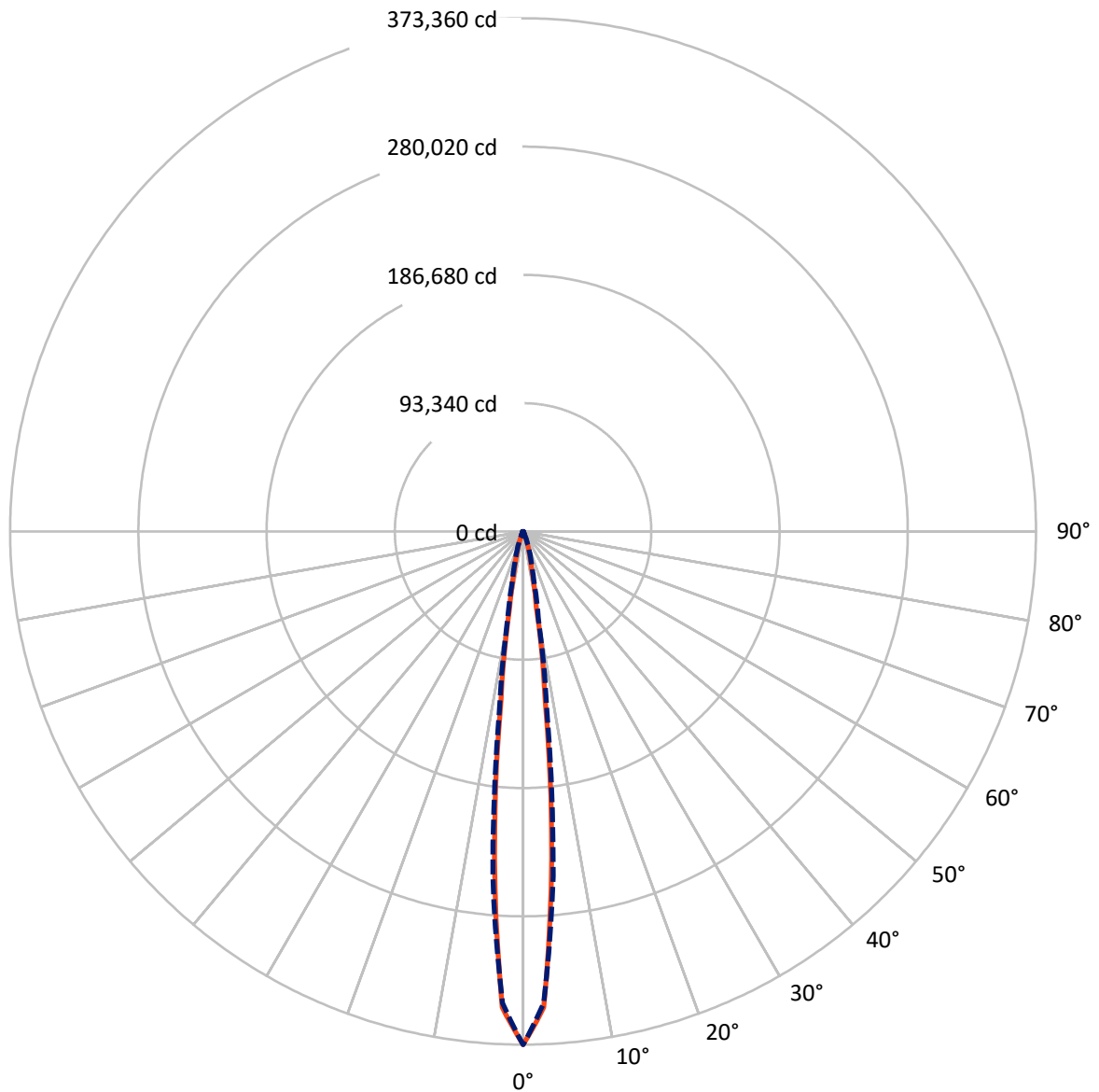
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 CATALOG NUMBER: GFLD-SA6C-940-U-TS-XX

Lumen Table

90	0.4	3.1	8.7	14.0	16.2	14.0	8.7	3.1	0.4							
80	0.4	3.1	8.7	14.0	16.2	14.0	8.7	3.1	0.4							
70	1.4	1.6	3.5	5.8	7.9	9.7	11.1	11.8	11.8	11.1	9.7	7.9	5.8	3.5	1.6	1.4
60		2.6	5.2	7.9	10.2	12.1	13.3	13.7	13.7	13.3	12.1	10.2	7.9	5.2	2.6	
50	2.6	3.4	6.4	9.2	11.5	13.5	15.1	15.8	15.8	15.1	13.5	11.5	9.2	6.4	3.4	2.6
40		4.1	7.2	10.0	12.8	16.5	20.7	23.3	23.3	20.7	16.5	12.8	10.0	7.2	4.1	
30	3.5	4.5	7.6	10.6	15.1	23.4	51.9	94.4	94.4	51.9	23.4	15.1	10.6	7.6	4.5	3.5
20		4.7	7.8	11.2	17.8	50.3	283.8	624.3	624.3	283.8	50.3	17.8	11.2	7.8	4.7	
10	3.8	4.8	7.9	11.5	19.8	96.4	681.2	4407.0	4407.0	681.2	96.4	19.8	11.5	7.9	4.8	3.8
0		4.8	7.9	11.5	19.8	96.4	681.2	4407.0	4407.0	681.2	96.4	19.8	11.5	7.9	4.8	
-10	3.5	4.7	7.8	11.2	17.8	50.3	283.8	624.3	624.3	283.8	50.3	17.8	11.2	7.8	4.7	3.5
-20		4.5	7.6	10.6	15.1	23.4	51.9	94.4	94.4	51.9	23.4	15.1	10.6	7.6	4.5	
-30	2.6	4.1	7.2	10.0	12.8	16.5	20.7	23.3	23.3	20.7	16.5	12.8	10.0	7.2	4.1	2.6
-40		3.4	6.4	9.2	11.5	13.5	15.1	15.8	15.8	15.1	13.5	11.5	9.2	6.4	3.4	
-50	1.4	2.6	5.2	7.9	10.2	12.1	13.3	13.7	13.7	13.3	12.1	10.2	7.9	5.2	2.6	1.4
-60		1.6	3.5	5.8	7.9	9.7	11.1	11.8	11.8	11.1	9.7	7.9	5.8	3.5	1.6	
-70	0.4	3.1	8.7	14.0	16.2	14.0	8.7	3.1	0.4							
-80		0.4	3.1	8.7	14.0	16.2	14.0	8.7	3.1	0.4						
-90	0.4	3.1	8.7	14.0	16.2	14.0	8.7	3.1	0.4							

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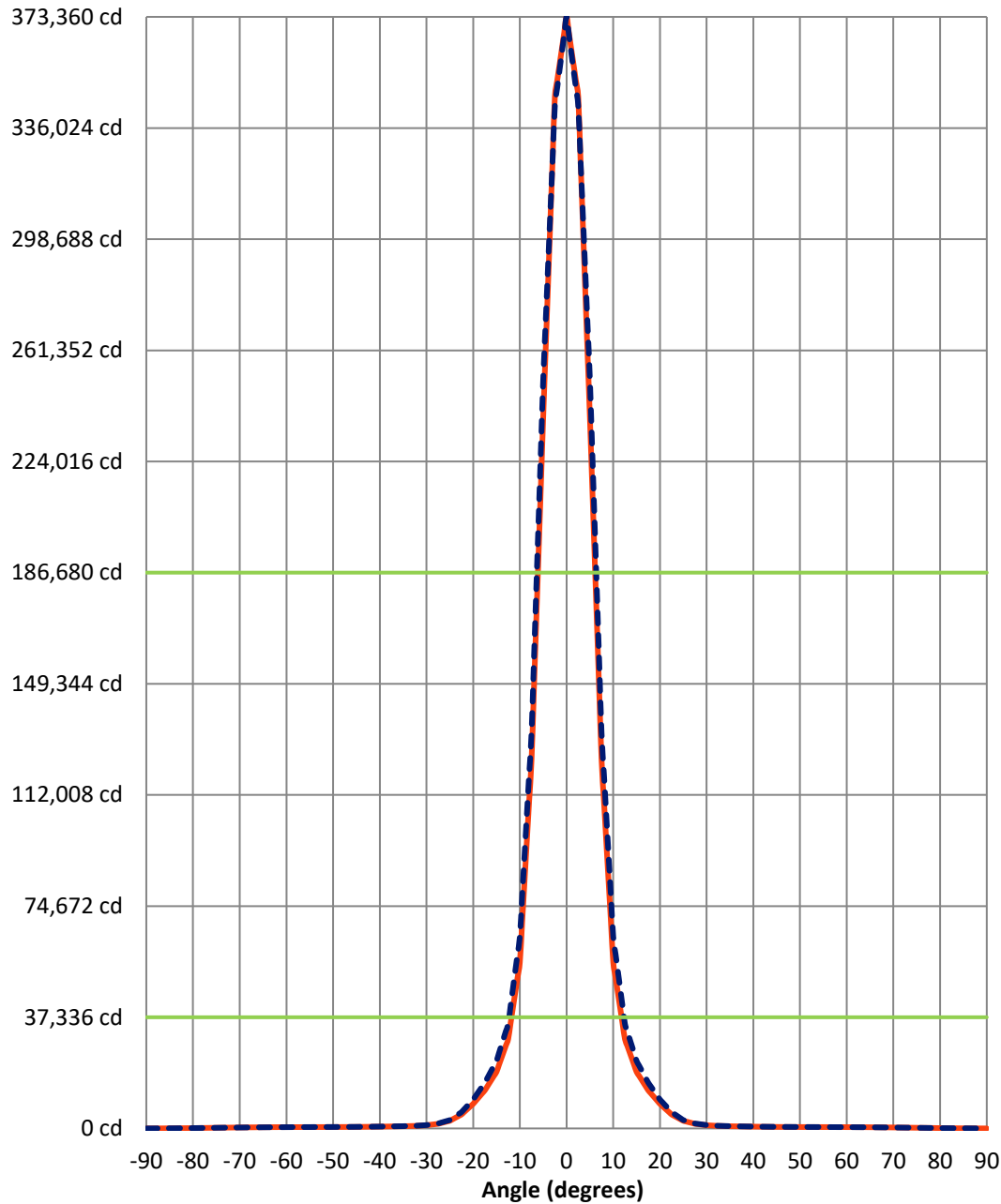
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 8551.7
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 18944.9
 Efficiency: 70.0%

Spill:
 Lumens: 8118.7
 Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.8	2.5	3.3	3.9	4.6	5.3	6.0	6.7	7.4
85°	0.0	1.8	3.5	5.1	6.5	7.9	9.1	10.6	12.0	13.5	14.9
82.5°	0.0	2.6	5.2	7.6	9.8	11.8	13.7	15.8	18.2	21.5	24.9
80°	0.0	3.5	7.0	10.1	13.1	15.7	18.4	22.7	27.1	31.7	36.4
77.5°	0.0	4.3	8.7	12.6	16.3	20.2	24.8	30.2	35.9	41.8	48.1
75°	0.0	5.2	10.4	15.1	19.7	25.5	31.2	37.7	44.8	52.9	60.6
72.5°	0.0	6.0	12.1	17.6	23.9	30.7	37.5	45.6	55.2	64.3	73.0
70°	0.0	6.9	13.7	20.2	28.1	35.9	43.9	54.8	65.5	75.8	89.8
67.5°	0.0	7.7	15.4	23.3	32.2	41.1	51.8	63.8	75.7	91.3	107.5
65°	0.0	8.5	17.0	26.3	36.2	46.8	59.6	72.8	89.0	106.5	125.1
62.5°	0.0	9.3	18.5	29.3	40.2	53.0	67.2	83.2	101.8	121.6	143.3
60°	0.0	10.0	20.1	32.2	44.1	59.1	74.6	93.9	114.3	137.7	161.1
57.5°	0.0	10.8	21.9	35.0	48.7	65.0	83.3	104.3	127.9	153.4	179.2
55°	0.0	11.5	23.8	37.8	53.3	70.8	92.1	114.5	141.5	168.9	197.1
52.5°	0.0	12.2	25.5	40.5	57.7	76.5	100.6	126.0	154.7	184.5	214.5
50°	0.0	12.9	27.2	43.1	61.9	83.4	108.8	137.3	167.7	199.7	231.7
47.5°	0.0	13.6	28.9	45.8	66.0	90.0	116.9	148.2	180.7	214.3	248.5
45°	0.0	14.2	30.5	48.7	69.9	96.4	125.8	158.6	193.3	229.0	264.9
42.5°	0.0	14.8	32.0	51.5	73.6	102.5	134.3	168.9	205.4	243.2	278.9
40°	0.0	15.4	33.4	54.1	77.7	108.3	142.3	178.9	217.1	256.8	292.0
37.5°	0.0	15.9	34.8	56.5	82.1	113.8	149.9	188.5	228.5	269.1	304.5
35°	0.0	16.5	36.1	58.8	86.3	119.5	157.0	197.6	239.2	279.5	315.8
32.5°	0.0	17.0	37.3	60.9	90.2	125.1	163.9	206.1	249.2	289.2	325.4
30°	0.0	17.4	38.5	62.8	93.9	130.3	170.6	214.0	258.5	298.3	334.4
27.5°	0.0	17.8	39.5	64.6	97.2	135.1	176.9	221.5	266.6	306.7	342.7
25°	0.0	18.2	40.5	66.2	100.3	139.4	182.7	228.4	273.4	313.8	350.3
22.5°	0.0	18.6	41.4	67.7	103.1	143.4	187.9	234.5	279.5	320.0	356.0
20°	0.0	18.9	42.2	68.9	105.6	147.0	192.6	240.0	285.0	325.5	361.2
17.5°	0.0	19.2	42.9	70.0	107.9	150.3	196.9	244.8	289.8	330.3	365.9
15°	0.0	19.4	43.5	70.9	109.9	153.1	200.6	248.9	294.0	334.5	369.9
12.5°	0.0	19.6	44.0	71.7	111.6	155.4	203.8	252.3	297.4	337.9	373.4
10°	0.0	19.8	44.4	72.3	113.0	157.4	206.4	255.1	300.2	340.6	376.1
7.5°	0.0	19.9	44.8	72.7	114.1	158.9	208.5	257.1	302.2	342.6	378.0
5°	0.0	20.0	45.0	72.9	115.0	160.0	209.9	258.4	303.6	343.9	379.2
2.5°	0.0	20.1	45.2	73.0	115.4	160.7	210.8	259.0	304.2	344.5	379.7
0°	0.0	20.1	45.2	72.9	115.6	160.9	211.1	258.9	304.1	344.3	379.5
-2.5°	0.0	20.1	45.2	73.0	115.4	160.7	210.8	259.0	304.2	344.5	379.7
-5°	0.0	20.0	45.0	72.9	115.0	160.0	209.9	258.4	303.6	343.9	379.2
-7.5°	0.0	19.9	44.8	72.7	114.1	158.9	208.5	257.1	302.2	342.6	378.0
-10°	0.0	19.8	44.4	72.3	113.0	157.4	206.4	255.1	300.2	340.6	376.1
-12.5°	0.0	19.6	44.0	71.7	111.6	155.4	203.8	252.3	297.4	337.9	373.4
-15°	0.0	19.4	43.5	70.9	109.9	153.1	200.6	248.9	294.0	334.5	369.9
-17.5°	0.0	19.2	42.9	70.0	107.9	150.3	196.9	244.8	289.8	330.3	365.9
-20°	0.0	18.9	42.2	68.9	105.6	147.0	192.6	240.0	285.0	325.5	361.2



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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	18.6	41.4	67.7	103.1	143.4	187.9	234.5	279.5	320.0	356.0
-25°	0.0	18.2	40.5	66.2	100.3	139.4	182.7	228.4	273.4	313.8	350.3
-27.5°	0.0	17.8	39.5	64.6	97.2	135.1	176.9	221.5	266.6	306.7	342.7
-30°	0.0	17.4	38.5	62.8	93.9	130.3	170.6	214.0	258.5	298.3	334.4
-32.5°	0.0	17.0	37.3	60.9	90.2	125.1	163.9	206.1	249.2	289.2	325.4
-35°	0.0	16.5	36.1	58.8	86.3	119.5	157.0	197.6	239.2	279.5	315.8
-37.5°	0.0	15.9	34.8	56.5	82.1	113.8	149.9	188.5	228.5	269.1	304.5
-40°	0.0	15.4	33.4	54.1	77.7	108.3	142.3	178.9	217.1	256.8	292.0
-42.5°	0.0	14.8	32.0	51.5	73.6	102.5	134.3	168.9	205.4	243.2	278.9
-45°	0.0	14.2	30.5	48.7	69.9	96.4	125.8	158.6	193.3	229.0	264.9
-47.5°	0.0	13.6	28.9	45.8	66.0	90.0	116.9	148.2	180.7	214.3	248.5
-50°	0.0	12.9	27.2	43.1	61.9	83.4	108.8	137.3	167.7	199.7	231.7
-52.5°	0.0	12.2	25.5	40.5	57.7	76.5	100.6	126.0	154.7	184.5	214.5
-55°	0.0	11.5	23.8	37.8	53.3	70.8	92.1	114.5	141.5	168.9	197.1
-57.5°	0.0	10.8	21.9	35.0	48.7	65.0	83.3	104.3	127.9	153.4	179.2
-60°	0.0	10.0	20.1	32.2	44.1	59.1	74.6	93.9	114.3	137.7	161.1
-62.5°	0.0	9.3	18.5	29.3	40.2	53.0	67.2	83.2	101.8	121.6	143.3
-65°	0.0	8.5	17.0	26.3	36.2	46.8	59.6	72.8	89.0	106.5	125.1
-67.5°	0.0	7.7	15.4	23.3	32.2	41.1	51.8	63.8	75.7	91.3	107.5
-70°	0.0	6.9	13.7	20.2	28.1	35.9	43.9	54.8	65.5	75.8	89.8
-72.5°	0.0	6.0	12.1	17.6	23.9	30.7	37.5	45.6	55.2	64.3	73.0
-75°	0.0	5.2	10.4	15.1	19.7	25.5	31.2	37.7	44.8	52.9	60.6
-77.5°	0.0	4.3	8.7	12.6	16.3	20.2	24.8	30.2	35.9	41.8	48.1
-80°	0.0	3.5	7.0	10.1	13.1	15.7	18.4	22.7	27.1	31.7	36.4
-82.5°	0.0	2.6	5.2	7.6	9.8	11.8	13.7	15.8	18.2	21.5	24.9
-85°	0.0	1.8	3.5	5.1	6.5	7.9	9.1	10.6	12.0	13.5	14.9
-87.5°	0.0	0.9	1.8	2.5	3.3	3.9	4.6	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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
85°	16.2	17.6	19.4	20.9	22.4	23.7	24.9	25.9	27.4	28.9	30.5
82.5°	27.7	30.1	32.2	33.9	35.7	37.4	39.3	42.2	46.0	49.7	53.1
80°	39.9	42.7	46.7	51.1	55.8	60.3	64.6	68.8	73.3	78.2	83.2
77.5°	53.5	59.2	65.5	72.3	78.8	86.3	93.9	101.6	108.6	114.7	120.1
75°	67.8	75.6	86.0	96.5	106.4	116.2	126.2	135.9	144.3	152.2	160.1
72.5°	84.5	97.1	109.5	121.6	134.4	146.7	158.2	169.1	179.9	190.7	200.9
70°	104.4	118.7	133.7	148.9	163.7	177.4	190.8	204.5	217.9	229.9	240.7
67.5°	124.2	141.4	158.7	175.8	192.0	207.6	223.5	239.1	254.1	266.8	278.1
65°	144.7	163.9	183.2	201.7	219.4	237.7	255.5	272.8	286.9	298.6	309.9
62.5°	164.7	186.4	207.3	227.6	247.7	267.6	284.8	300.4	314.9	327.6	339.8
60°	185.1	208.7	231.4	253.7	274.9	293.2	310.8	326.3	340.9	354.9	365.2
57.5°	205.3	230.7	255.3	278.2	298.5	317.4	334.2	350.6	363.2	374.4	385.7
55°	225.0	252.2	277.6	300.2	320.8	338.9	355.9	369.6	382.2	392.7	403.8
52.5°	244.4	272.8	297.9	320.8	340.6	358.4	373.5	387.0	398.8	409.6	418.6
50°	263.3	291.2	317.3	338.9	358.6	375.3	389.4	402.5	413.9	423.8	432.0
47.5°	280.2	309.1	333.6	355.7	374.4	390.3	404.0	416.4	427.8	436.4	444.6
45°	295.9	324.3	349.3	370.4	388.7	403.6	416.9	429.7	439.1	447.8	454.0
42.5°	311.0	338.5	362.8	384.7	400.7	415.3	428.7	439.8	449.6	457.1	463.8
40°	323.8	352.2	375.5	395.3	411.8	425.6	438.0	449.2	458.8	466.2	473.4
37.5°	335.9	363.3	386.9	405.4	420.8	434.5	446.8	457.2	466.6	474.4	484.2
35°	347.5	373.9	395.8	413.8	428.8	442.3	454.1	464.7	473.9	484.7	496.1
32.5°	357.4	383.8	404.1	420.6	435.4	449.2	460.9	471.7	482.4	494.6	508.7
30°	365.7	391.2	411.4	426.8	441.6	454.6	467.2	478.8	490.6	505.2	523.6
27.5°	373.3	397.9	416.6	432.1	447.0	459.2	472.4	485.6	499.4	516.5	539.6
25°	380.4	404.1	421.3	437.0	450.9	463.6	477.2	490.7	508.0	530.5	560.8
22.5°	386.3	409.8	425.3	441.4	454.2	467.5	481.5	496.6	516.2	543.4	583.1
20°	390.9	413.2	428.8	444.7	456.8	471.0	485.2	501.8	525.1	560.6	606.5
17.5°	395.1	416.1	431.7	446.7	459.4	473.9	488.6	505.8	532.4	576.6	628.1
15°	398.8	418.5	434.1	448.3	461.7	476.2	491.7	511.3	542.3	592.1	647.6
12.5°	402.0	420.4	435.9	449.5	463.5	477.8	494.2	516.0	552.7	606.6	666.9
10°	404.7	421.9	437.1	450.3	464.8	478.7	496.2	519.0	560.1	614.7	678.3
7.5°	406.3	423.1	438.0	450.8	465.6	478.9	497.6	520.6	564.8	619.1	684.5
5°	407.2	424.0	439.1	451.6	466.5	479.6	498.8	520.8	566.7	619.9	686.9
2.5°	407.5	424.6	439.7	452.2	467.2	481.3	501.2	523.6	568.3	622.9	688.4
0°	407.2	424.8	439.9	452.4	467.5	482.6	502.7	525.3	568.0	625.9	688.7
-2.5°	407.5	424.6	439.7	452.2	467.2	481.3	501.2	523.6	568.3	622.9	688.4
-5°	407.2	424.0	439.1	451.6	466.5	479.6	498.8	520.8	566.7	619.9	686.9
-7.5°	406.3	423.1	438.0	450.8	465.6	478.9	497.6	520.6	564.8	619.1	684.5
-10°	404.7	421.9	437.1	450.3	464.8	478.7	496.2	519.0	560.1	614.7	678.3
-12.5°	402.0	420.4	435.9	449.5	463.5	477.8	494.2	516.0	552.7	606.6	666.9
-15°	398.8	418.5	434.1	448.3	461.7	476.2	491.7	511.3	542.3	592.1	647.6
-17.5°	395.1	416.1	431.7	446.7	459.4	473.9	488.6	505.8	532.4	576.6	628.1
-20°	390.9	413.2	428.8	444.7	456.8	471.0	485.2	501.8	525.1	560.6	606.5



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	386.3	409.8	425.3	441.4	454.2	467.5	481.5	496.6	516.2	543.4	583.1
-25°	380.4	404.1	421.3	437.0	450.9	463.6	477.2	490.7	508.0	530.5	560.8
-27.5°	373.3	397.9	416.6	432.1	447.0	459.2	472.4	485.6	499.4	516.5	539.6
-30°	365.7	391.2	411.4	426.8	441.6	454.6	467.2	478.8	490.6	505.2	523.6
-32.5°	357.4	383.8	404.1	420.6	435.4	449.2	460.9	471.7	482.4	494.6	508.7
-35°	347.5	373.9	395.8	413.8	428.8	442.3	454.1	464.7	473.9	484.7	496.1
-37.5°	335.9	363.3	386.9	405.4	420.8	434.5	446.8	457.2	466.6	474.4	484.2
-40°	323.8	352.2	375.5	395.3	411.8	425.6	438.0	449.2	458.8	466.2	473.4
-42.5°	311.0	338.5	362.8	384.7	400.7	415.3	428.7	439.8	449.6	457.1	463.8
-45°	295.9	324.3	349.3	370.4	388.7	403.6	416.9	429.7	439.1	447.8	454.0
-47.5°	280.2	309.1	333.6	355.7	374.4	390.3	404.0	416.4	427.8	436.4	444.6
-50°	263.3	291.2	317.3	338.9	358.6	375.3	389.4	402.5	413.9	423.8	432.0
-52.5°	244.4	272.8	297.9	320.8	340.6	358.4	373.5	387.0	398.8	409.6	418.6
-55°	225.0	252.2	277.6	300.2	320.8	338.9	355.9	369.6	382.2	392.7	403.8
-57.5°	205.3	230.7	255.3	278.2	298.5	317.4	334.2	350.6	363.2	374.4	385.7
-60°	185.1	208.7	231.4	253.7	274.9	293.2	310.8	326.3	340.9	354.9	365.2
-62.5°	164.7	186.4	207.3	227.6	247.7	267.6	284.8	300.4	314.9	327.6	339.8
-65°	144.7	163.9	183.2	201.7	219.4	237.7	255.5	272.8	286.9	298.6	309.9
-67.5°	124.2	141.4	158.7	175.8	192.0	207.6	223.5	239.1	254.1	266.8	278.1
-70°	104.4	118.7	133.7	148.9	163.7	177.4	190.8	204.5	217.9	229.9	240.7
-72.5°	84.5	97.1	109.5	121.6	134.4	146.7	158.2	169.1	179.9	190.7	200.9
-75°	67.8	75.6	86.0	96.5	106.4	116.2	126.2	135.9	144.3	152.2	160.1
-77.5°	53.5	59.2	65.5	72.3	78.8	86.3	93.9	101.6	108.6	114.7	120.1
-80°	39.9	42.7	46.7	51.1	55.8	60.3	64.6	68.8	73.3	78.2	83.2
-82.5°	27.7	30.1	32.2	33.9	35.7	37.4	39.3	42.2	46.0	49.7	53.1
-85°	16.2	17.6	19.4	20.9	22.4	23.7	24.9	25.9	27.4	28.9	30.5
-87.5°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	14.4	14.3	14.2	14.0	13.7	13.9	14.2	14.4	14.6	14.7	14.9
85°	32.0	33.3	34.7	36.1	37.5	38.5	39.4	40.1	40.8	41.4	41.9
82.5°	56.2	59.1	61.7	64.0	66.1	67.9	69.5	70.8	72.0	73.1	73.9
80°	87.7	92.1	96.2	100.0	103.5	106.3	108.7	110.7	112.3	114.0	115.5
77.5°	125.4	131.4	137.2	142.4	147.1	151.0	154.4	157.3	159.8	162.8	165.6
75°	168.0	175.3	181.9	188.0	193.6	198.6	203.1	207.0	210.3	213.6	216.4
72.5°	210.6	219.4	227.1	233.6	239.5	245.3	250.9	256.1	260.9	264.6	267.2
70°	250.7	259.7	268.0	275.4	282.3	289.5	296.7	303.4	309.6	313.5	315.8
67.5°	287.5	296.7	306.0	315.2	323.5	331.0	338.3	344.9	350.9	355.0	357.5
65°	320.7	330.9	340.9	350.4	359.1	365.5	372.1	378.4	384.3	389.0	392.5
62.5°	351.7	361.8	370.3	378.3	385.8	392.1	398.6	404.4	409.5	414.0	418.2
60°	375.5	385.7	394.0	401.4	408.3	414.7	419.8	424.1	427.6	430.4	433.0
57.5°	395.9	405.6	414.0	420.1	426.3	432.3	436.7	439.4	441.5	443.0	444.2
55°	413.4	421.2	428.2	435.0	441.1	446.3	450.2	452.0	453.2	453.7	454.3
52.5°	427.5	435.1	442.3	448.8	453.5	457.9	461.8	462.8	463.4	463.7	463.8
50°	440.4	447.9	453.6	459.0	463.8	467.9	471.1	472.7	473.6	473.8	473.3
47.5°	450.8	457.2	463.5	469.1	474.0	478.6	482.4	484.5	486.1	486.7	486.7
45°	459.9	467.4	474.1	480.6	486.4	492.4	497.6	501.1	504.6	507.0	508.2
42.5°	470.7	478.2	485.7	494.6	502.9	510.8	519.3	526.8	534.6	542.9	548.6
40°	481.7	489.8	501.2	512.1	524.2	535.2	553.2	571.1	584.7	596.3	606.9
37.5°	494.2	506.1	519.8	533.7	553.6	574.1	596.8	619.0	638.4	655.9	670.0
35°	508.7	524.6	541.4	566.2	591.4	616.8	643.9	673.5	698.6	716.9	730.1
32.5°	526.3	546.3	573.2	605.0	636.0	668.8	701.6	734.6	759.3	784.8	810.6
30°	545.8	574.7	609.6	648.2	686.8	726.1	767.2	813.0	856.5	903.2	970.1
27.5°	570.8	606.0	646.9	692.6	739.2	785.9	857.7	936.2	1052.8	1145.9	1303.9
25°	597.4	638.7	687.4	740.3	797.2	881.0	1012.2	1167.3	1442.0	1655.0	1978.3
22.5°	627.1	675.7	729.6	790.3	882.1	1040.1	1264.5	1662.7	2216.6	2763.7	3372.2
20°	656.4	710.1	769.1	861.0	1017.0	1267.0	1752.9	2613.7	3575.1	4943.9	6092.8
17.5°	684.2	741.3	816.1	940.4	1173.9	1676.7	2617.9	4092.3	6100.2	8306.7	10146.7
15°	708.5	766.9	867.7	1064.6	1459.0	2242.2	3663.3	6172.6	9546.4	12567.4	15261.9
12.5°	729.1	798.3	923.6	1164.8	1706.7	2866.0	5145.5	8708.7	12828.6	17065.4	20475.4
10°	744.2	831.6	998.3	1350.2	2100.0	3608.3	6380.8	10875.5	15836.2	20985.6	27149.9
7.5°	753.2	855.4	1054.9	1487.9	2450.9	4434.8	7930.5	12810.2	18506.7	25536.3	34954.6
5°	759.7	871.4	1096.9	1591.6	2685.4	4981.1	8909.0	14276.0	20811.0	30975.3	50358.6
2.5°	762.8	878.5	1120.8	1648.5	2792.3	5262.0	9597.6	15115.3	22213.0	34812.2	61029.7
0°	761.6	874.7	1123.5	1661.4	2807.6	5476.9	9712.1	15354.9	22686.7	35156.1	64450.7
-2.5°	762.8	878.5	1120.8	1648.5	2792.3	5262.0	9597.6	15115.3	22213.0	34812.2	61029.7
-5°	759.7	871.4	1096.9	1591.6	2685.4	4981.1	8909.0	14276.0	20811.0	30975.3	50358.6
-7.5°	753.2	855.4	1054.9	1487.9	2450.9	4434.8	7930.5	12810.2	18506.7	25536.3	34954.6
-10°	744.2	831.6	998.3	1350.2	2100.0	3608.3	6380.8	10875.5	15836.2	20985.6	27149.9
-12.5°	729.1	798.3	923.6	1164.8	1706.7	2866.0	5145.5	8708.7	12828.6	17065.4	20475.4
-15°	708.5	766.9	867.7	1064.6	1459.0	2242.2	3663.3	6172.6	9546.4	12567.4	15261.9
-17.5°	684.2	741.3	816.1	940.4	1173.9	1676.7	2617.9	4092.3	6100.2	8306.7	10146.7
-20°	656.4	710.1	769.1	861.0	1017.0	1267.0	1752.9	2613.7	3575.1	4943.9	6092.8



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	627.1	675.7	729.6	790.3	882.1	1040.1	1264.5	1662.7	2216.6	2763.7	3372.2
-25°	597.4	638.7	687.4	740.3	797.2	881.0	1012.2	1167.3	1442.0	1655.0	1978.3
-27.5°	570.8	606.0	646.9	692.6	739.2	785.9	857.7	936.2	1052.8	1145.9	1303.9
-30°	545.8	574.7	609.6	648.2	686.8	726.1	767.2	813.0	856.5	903.2	970.1
-32.5°	526.3	546.3	573.2	605.0	636.0	668.8	701.6	734.6	759.3	784.8	810.6
-35°	508.7	524.6	541.4	566.2	591.4	616.8	643.9	673.5	698.6	716.9	730.1
-37.5°	494.2	506.1	519.8	533.7	553.6	574.1	596.8	619.0	638.4	655.9	670.0
-40°	481.7	489.8	501.2	512.1	524.2	535.2	553.2	571.1	584.7	596.3	606.9
-42.5°	470.7	478.2	485.7	494.6	502.9	510.8	519.3	526.8	534.6	542.9	548.6
-45°	459.9	467.4	474.1	480.6	486.4	492.4	497.6	501.1	504.6	507.0	508.2
-47.5°	450.8	457.2	463.5	469.1	474.0	478.6	482.4	484.5	486.1	486.7	486.7
-50°	440.4	447.9	453.6	459.0	463.8	467.9	471.1	472.7	473.6	473.8	473.3
-52.5°	427.5	435.1	442.3	448.8	453.5	457.9	461.8	462.8	463.4	463.7	463.8
-55°	413.4	421.2	428.2	435.0	441.1	446.3	450.2	452.0	453.2	453.7	454.3
-57.5°	395.9	405.6	414.0	420.1	426.3	432.3	436.7	439.4	441.5	443.0	444.2
-60°	375.5	385.7	394.0	401.4	408.3	414.7	419.8	424.1	427.6	430.4	433.0
-62.5°	351.7	361.8	370.3	378.3	385.8	392.1	398.6	404.4	409.5	414.0	418.2
-65°	320.7	330.9	340.9	350.4	359.1	365.5	372.1	378.4	384.3	389.0	392.5
-67.5°	287.5	296.7	306.0	315.2	323.5	331.0	338.3	344.9	350.9	355.0	357.5
-70°	250.7	259.7	268.0	275.4	282.3	289.5	296.7	303.4	309.6	313.5	315.8
-72.5°	210.6	219.4	227.1	233.6	239.5	245.3	250.9	256.1	260.9	264.6	267.2
-75°	168.0	175.3	181.9	188.0	193.6	198.6	203.1	207.0	210.3	213.6	216.4
-77.5°	125.4	131.4	137.2	142.4	147.1	151.0	154.4	157.3	159.8	162.8	165.6
-80°	87.7	92.1	96.2	100.0	103.5	106.3	108.7	110.7	112.3	114.0	115.5
-82.5°	56.2	59.1	61.7	64.0	66.1	67.9	69.5	70.8	72.0	73.1	73.9
-85°	32.0	33.3	34.7	36.1	37.5	38.5	39.4	40.1	40.8	41.4	41.9
-87.5°	14.4	14.3	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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	42.2	42.5	42.6	42.7	42.6	42.5	42.2	41.9	41.4	40.8	40.1
82.5°	74.6	75.0	75.3	75.4	75.3	75.0	74.6	73.9	73.1	72.0	70.8
80°	116.6	117.4	117.9	118.1	117.9	117.4	116.6	115.5	114.0	112.3	110.7
77.5°	168.0	169.8	170.6	170.9	170.6	169.8	168.0	165.6	162.8	159.8	157.3
75°	218.5	220.0	220.9	221.2	220.9	220.0	218.5	216.4	213.6	210.3	207.0
72.5°	269.1	270.2	272.3	274.0	272.3	270.2	269.1	267.2	264.6	260.9	256.1
70°	317.2	317.8	320.0	321.7	320.0	317.8	317.2	315.8	313.5	309.6	303.4
67.5°	359.3	360.5	360.4	359.4	360.4	360.5	359.3	357.5	355.0	350.9	344.9
65°	395.5	397.9	398.1	397.1	398.1	397.9	395.5	392.5	389.0	384.3	378.4
62.5°	422.1	425.6	427.0	427.3	427.0	425.6	422.1	418.2	414.0	409.5	404.4
60°	435.1	436.6	437.2	437.3	437.2	436.6	435.1	433.0	430.4	427.6	424.1
57.5°	444.7	444.7	444.8	444.9	444.8	444.7	444.7	444.2	443.0	441.5	439.4
55°	454.6	454.6	453.8	452.4	453.8	454.6	454.6	454.3	453.7	453.2	452.0
52.5°	463.4	462.6	461.4	460.0	461.4	462.6	463.4	463.8	463.7	463.4	462.8
50°	472.2	470.6	469.8	470.0	469.8	470.6	472.2	473.3	473.8	473.6	472.7
47.5°	486.2	485.2	484.8	485.1	484.8	485.2	486.2	486.7	486.7	486.1	484.5
45°	508.6	507.8	507.2	507.7	507.2	507.8	508.6	508.2	507.0	504.6	501.1
42.5°	551.8	552.2	551.9	553.0	551.9	552.2	551.8	548.6	542.9	534.6	526.8
40°	611.1	610.8	608.8	608.3	608.8	610.8	611.1	606.9	596.3	584.7	571.1
37.5°	675.8	675.9	673.8	673.6	673.8	675.9	675.8	670.0	655.9	638.4	619.0
35°	737.0	739.3	738.8	736.5	738.8	739.3	737.0	730.1	716.9	698.6	673.5
32.5°	828.8	842.8	850.2	847.0	850.2	842.8	828.8	810.6	784.8	759.3	734.6
30°	1012.2	1048.4	1067.5	1075.8	1067.5	1048.4	1012.2	970.1	903.2	856.5	813.0
27.5°	1417.1	1497.0	1532.9	1545.8	1532.9	1497.0	1417.1	1303.9	1145.9	1052.8	936.2
25°	2260.6	2441.1	2530.1	2558.7	2530.1	2441.1	2260.6	1978.3	1655.0	1442.0	1167.3
22.5°	4042.3	4389.8	4627.4	4680.1	4627.4	4389.8	4042.3	3372.2	2763.7	2216.6	1662.7
20°	7247.8	7919.9	8284.5	8251.8	8284.5	7919.9	7247.8	6092.8	4943.9	3575.1	2613.7
17.5°	11710.8	12572.6	12982.9	12791.1	12982.9	12572.6	11710.8	10146.7	8306.7	6100.2	4092.3
15°	17167.6	18331.9	18839.8	18996.9	18839.8	18331.9	17167.6	15261.9	12567.4	9546.4	6172.6
12.5°	23879.3	27696.5	29521.9	30011.0	29521.9	27696.5	23879.3	20475.4	17065.4	12828.6	8708.7
10°	33455.1	46286.1	53918.2	55781.7	53918.2	46286.1	33455.1	27149.9	20985.6	15836.2	10875.5
7.5°	54635.0	80708.7	109917.4	123748.9	109917.4	80708.7	54635.0	34954.6	25536.3	18506.7	12810.2
5°	83318.2	144605.5	212232.3	238743.2	212232.3	144605.5	83318.2	50358.6	30975.3	20811.0	14276.0
2.5°	118187.6	218343.2	311786.9	346620.7	311786.9	218343.2	118187.6	61029.7	34812.2	22213.0	15115.3
0°	132919.3	251725.4	343521.6	373360.4	343521.6	251725.4	132919.3	64450.7	35156.1	22686.7	15354.9
-2.5°	118187.6	218343.2	311786.9	346620.7	311786.9	218343.2	118187.6	61029.7	34812.2	22213.0	15115.3
-5°	83318.2	144605.5	212232.3	238743.2	212232.3	144605.5	83318.2	50358.6	30975.3	20811.0	14276.0
-7.5°	54635.0	80708.7	109917.4	123748.9	109917.4	80708.7	54635.0	34954.6	25536.3	18506.7	12810.2
-10°	33455.1	46286.1	53918.2	55781.7	53918.2	46286.1	33455.1	27149.9	20985.6	15836.2	10875.5
-12.5°	23879.3	27696.5	29521.9	30011.0	29521.9	27696.5	23879.3	20475.4	17065.4	12828.6	8708.7
-15°	17167.6	18331.9	18839.8	18996.9	18839.8	18331.9	17167.6	15261.9	12567.4	9546.4	6172.6
-17.5°	11710.8	12572.6	12982.9	12791.1	12982.9	12572.6	11710.8	10146.7	8306.7	6100.2	4092.3
-20°	7247.8	7919.9	8284.5	8251.8	8284.5	7919.9	7247.8	6092.8	4943.9	3575.1	2613.7



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	4042.3	4389.8	4627.4	4680.1	4627.4	4389.8	4042.3	3372.2	2763.7	2216.6	1662.7
-25°	2260.6	2441.1	2530.1	2558.7	2530.1	2441.1	2260.6	1978.3	1655.0	1442.0	1167.3
-27.5°	1417.1	1497.0	1532.9	1545.8	1532.9	1497.0	1417.1	1303.9	1145.9	1052.8	936.2
-30°	1012.2	1048.4	1067.5	1075.8	1067.5	1048.4	1012.2	970.1	903.2	856.5	813.0
-32.5°	828.8	842.8	850.2	847.0	850.2	842.8	828.8	810.6	784.8	759.3	734.6
-35°	737.0	739.3	738.8	736.5	738.8	739.3	737.0	730.1	716.9	698.6	673.5
-37.5°	675.8	675.9	673.8	673.6	673.8	675.9	675.8	670.0	655.9	638.4	619.0
-40°	611.1	610.8	608.8	608.3	608.8	610.8	611.1	606.9	596.3	584.7	571.1
-42.5°	551.8	552.2	551.9	553.0	551.9	552.2	551.8	548.6	542.9	534.6	526.8
-45°	508.6	507.8	507.2	507.7	507.2	507.8	508.6	508.2	507.0	504.6	501.1
-47.5°	486.2	485.2	484.8	485.1	484.8	485.2	486.2	486.7	486.7	486.1	484.5
-50°	472.2	470.6	469.8	470.0	469.8	470.6	472.2	473.3	473.8	473.6	472.7
-52.5°	463.4	462.6	461.4	460.0	461.4	462.6	463.4	463.8	463.7	463.4	462.8
-55°	454.6	454.6	453.8	452.4	453.8	454.6	454.6	454.3	453.7	453.2	452.0
-57.5°	444.7	444.7	444.8	444.9	444.8	444.7	444.7	444.2	443.0	441.5	439.4
-60°	435.1	436.6	437.2	437.3	437.2	436.6	435.1	433.0	430.4	427.6	424.1
-62.5°	422.1	425.6	427.0	427.3	427.0	425.6	422.1	418.2	414.0	409.5	404.4
-65°	395.5	397.9	398.1	397.1	398.1	397.9	395.5	392.5	389.0	384.3	378.4
-67.5°	359.3	360.5	360.4	359.4	360.4	360.5	359.3	357.5	355.0	350.9	344.9
-70°	317.2	317.8	320.0	321.7	320.0	317.8	317.2	315.8	313.5	309.6	303.4
-72.5°	269.1	270.2	272.3	274.0	272.3	270.2	269.1	267.2	264.6	260.9	256.1
-75°	218.5	220.0	220.9	221.2	220.9	220.0	218.5	216.4	213.6	210.3	207.0
-77.5°	168.0	169.8	170.6	170.9	170.6	169.8	168.0	165.6	162.8	159.8	157.3
-80°	116.6	117.4	117.9	118.1	117.9	117.4	116.6	115.5	114.0	112.3	110.7
-82.5°	74.6	75.0	75.3	75.4	75.3	75.0	74.6	73.9	73.1	72.0	70.8
-85°	42.2	42.5	42.6	42.7	42.6	42.5	42.2	41.9	41.4	40.8	40.1
-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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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	14.3	14.4	14.0	13.5	13.0	12.4
85°	39.4	38.5	37.5	36.1	34.7	33.3	32.0	30.5	28.9	27.4	25.9
82.5°	69.5	67.9	66.1	64.0	61.7	59.1	56.2	53.1	49.7	46.0	42.2
80°	108.7	106.3	103.5	100.0	96.2	92.1	87.7	83.2	78.2	73.3	68.8
77.5°	154.4	151.0	147.1	142.4	137.2	131.4	125.4	120.1	114.7	108.6	101.6
75°	203.1	198.6	193.6	188.0	181.9	175.3	168.0	160.1	152.2	144.3	135.9
72.5°	250.9	245.3	239.5	233.6	227.1	219.4	210.6	200.9	190.7	179.9	169.1
70°	296.7	289.5	282.3	275.4	268.0	259.7	250.7	240.7	229.9	217.9	204.5
67.5°	338.3	331.0	323.5	315.2	306.0	296.7	287.5	278.1	266.8	254.1	239.1
65°	372.1	365.5	359.1	350.4	340.9	330.9	320.7	309.9	298.6	286.9	272.8
62.5°	398.6	392.1	385.8	378.3	370.3	361.8	351.7	339.8	327.6	314.9	300.4
60°	419.8	414.7	408.3	401.4	394.0	385.7	375.5	365.2	354.9	340.9	326.3
57.5°	436.7	432.3	426.3	420.1	414.0	405.6	395.9	385.7	374.4	363.2	350.6
55°	450.2	446.3	441.1	435.0	428.2	421.2	413.4	403.8	392.7	382.2	369.6
52.5°	461.8	457.9	453.5	448.8	442.3	435.1	427.5	418.6	409.6	398.8	387.0
50°	471.1	467.9	463.8	459.0	453.6	447.9	440.4	432.0	423.8	413.9	402.5
47.5°	482.4	478.6	474.0	469.1	463.5	457.2	450.8	444.6	436.4	427.8	416.4
45°	497.6	492.4	486.4	480.6	474.1	467.4	459.9	454.0	447.8	439.1	429.7
42.5°	519.3	510.8	502.9	494.6	485.7	478.2	470.7	463.8	457.1	449.6	439.8
40°	553.2	535.2	524.2	512.1	501.2	489.8	481.7	473.4	466.2	458.8	449.2
37.5°	596.8	574.1	553.6	533.7	519.8	506.1	494.2	484.2	474.4	466.6	457.2
35°	643.9	616.8	591.4	566.2	541.4	524.6	508.7	496.1	484.7	473.9	464.7
32.5°	701.6	668.8	636.0	605.0	573.2	546.3	526.3	508.7	494.6	482.4	471.7
30°	767.2	726.1	686.8	648.2	609.6	574.7	545.8	523.6	505.2	490.6	478.8
27.5°	857.7	785.9	739.2	692.6	646.9	606.0	570.8	539.6	516.5	499.4	485.6
25°	1012.2	881.0	797.2	740.3	687.4	638.7	597.4	560.8	530.5	508.0	490.7
22.5°	1264.5	1040.1	882.1	790.3	729.6	675.7	627.1	583.1	543.4	516.2	496.6
20°	1752.9	1267.0	1017.0	861.0	769.1	710.1	656.4	606.5	560.6	525.1	501.8
17.5°	2617.9	1676.7	1173.9	940.4	816.1	741.3	684.2	628.1	576.6	532.4	505.8
15°	3663.3	2242.2	1459.0	1064.6	867.7	766.9	708.5	647.6	592.1	542.3	511.3
12.5°	5145.5	2866.0	1706.7	1164.8	923.6	798.3	729.1	666.9	606.6	552.7	516.0
10°	6380.8	3608.3	2100.0	1350.2	998.3	831.6	744.2	678.3	614.7	560.1	519.0
7.5°	7930.5	4434.8	2450.9	1487.9	1054.9	855.4	753.2	684.5	619.1	564.8	520.6
5°	8909.0	4981.1	2685.4	1591.6	1096.9	871.4	759.7	686.9	619.9	566.7	520.8
2.5°	9597.6	5262.0	2792.3	1648.5	1120.8	878.5	762.8	688.4	622.9	568.3	523.6
0°	9712.1	5476.9	2807.6	1661.4	1123.5	874.7	761.6	688.7	625.9	568.0	525.3
-2.5°	9597.6	5262.0	2792.3	1648.5	1120.8	878.5	762.8	688.4	622.9	568.3	523.6
-5°	8909.0	4981.1	2685.4	1591.6	1096.9	871.4	759.7	686.9	619.9	566.7	520.8
-7.5°	7930.5	4434.8	2450.9	1487.9	1054.9	855.4	753.2	684.5	619.1	564.8	520.6
-10°	6380.8	3608.3	2100.0	1350.2	998.3	831.6	744.2	678.3	614.7	560.1	519.0
-12.5°	5145.5	2866.0	1706.7	1164.8	923.6	798.3	729.1	666.9	606.6	552.7	516.0
-15°	3663.3	2242.2	1459.0	1064.6	867.7	766.9	708.5	647.6	592.1	542.3	511.3
-17.5°	2617.9	1676.7	1173.9	940.4	816.1	741.3	684.2	628.1	576.6	532.4	505.8
-20°	1752.9	1267.0	1017.0	861.0	769.1	710.1	656.4	606.5	560.6	525.1	501.8



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1264.5	1040.1	882.1	790.3	729.6	675.7	627.1	583.1	543.4	516.2	496.6
-25°	1012.2	881.0	797.2	740.3	687.4	638.7	597.4	560.8	530.5	508.0	490.7
-27.5°	857.7	785.9	739.2	692.6	646.9	606.0	570.8	539.6	516.5	499.4	485.6
-30°	767.2	726.1	686.8	648.2	609.6	574.7	545.8	523.6	505.2	490.6	478.8
-32.5°	701.6	668.8	636.0	605.0	573.2	546.3	526.3	508.7	494.6	482.4	471.7
-35°	643.9	616.8	591.4	566.2	541.4	524.6	508.7	496.1	484.7	473.9	464.7
-37.5°	596.8	574.1	553.6	533.7	519.8	506.1	494.2	484.2	474.4	466.6	457.2
-40°	553.2	535.2	524.2	512.1	501.2	489.8	481.7	473.4	466.2	458.8	449.2
-42.5°	519.3	510.8	502.9	494.6	485.7	478.2	470.7	463.8	457.1	449.6	439.8
-45°	497.6	492.4	486.4	480.6	474.1	467.4	459.9	454.0	447.8	439.1	429.7
-47.5°	482.4	478.6	474.0	469.1	463.5	457.2	450.8	444.6	436.4	427.8	416.4
-50°	471.1	467.9	463.8	459.0	453.6	447.9	440.4	432.0	423.8	413.9	402.5
-52.5°	461.8	457.9	453.5	448.8	442.3	435.1	427.5	418.6	409.6	398.8	387.0
-55°	450.2	446.3	441.1	435.0	428.2	421.2	413.4	403.8	392.7	382.2	369.6
-57.5°	436.7	432.3	426.3	420.1	414.0	405.6	395.9	385.7	374.4	363.2	350.6
-60°	419.8	414.7	408.3	401.4	394.0	385.7	375.5	365.2	354.9	340.9	326.3
-62.5°	398.6	392.1	385.8	378.3	370.3	361.8	351.7	339.8	327.6	314.9	300.4
-65°	372.1	365.5	359.1	350.4	340.9	330.9	320.7	309.9	298.6	286.9	272.8
-67.5°	338.3	331.0	323.5	315.2	306.0	296.7	287.5	278.1	266.8	254.1	239.1
-70°	296.7	289.5	282.3	275.4	268.0	259.7	250.7	240.7	229.9	217.9	204.5
-72.5°	250.9	245.3	239.5	233.6	227.1	219.4	210.6	200.9	190.7	179.9	169.1
-75°	203.1	198.6	193.6	188.0	181.9	175.3	168.0	160.1	152.2	144.3	135.9
-77.5°	154.4	151.0	147.1	142.4	137.2	131.4	125.4	120.1	114.7	108.6	101.6
-80°	108.7	106.3	103.5	100.0	96.2	92.1	87.7	83.2	78.2	73.3	68.8
-82.5°	69.5	67.9	66.1	64.0	61.7	59.1	56.2	53.1	49.7	46.0	42.2
-85°	39.4	38.5	37.5	36.1	34.7	33.3	32.0	30.5	28.9	27.4	25.9
-87.5°	14.2	13.9	13.7	14.0	14.2	14.3	14.4	14.0	13.5	13.0	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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
85°	24.9	23.7	22.4	20.9	19.4	17.6	16.2	14.9	13.5	12.0	10.6
82.5°	39.3	37.4	35.7	33.9	32.2	30.1	27.7	24.9	21.5	18.2	15.8
80°	64.6	60.3	55.8	51.1	46.7	42.7	39.9	36.4	31.7	27.1	22.7
77.5°	93.9	86.3	78.8	72.3	65.5	59.2	53.5	48.1	41.8	35.9	30.2
75°	126.2	116.2	106.4	96.5	86.0	75.6	67.8	60.6	52.9	44.8	37.7
72.5°	158.2	146.7	134.4	121.6	109.5	97.1	84.5	73.0	64.3	55.2	45.6
70°	190.8	177.4	163.7	148.9	133.7	118.7	104.4	89.8	75.8	65.5	54.8
67.5°	223.5	207.6	192.0	175.8	158.7	141.4	124.2	107.5	91.3	75.7	63.8
65°	255.5	237.7	219.4	201.7	183.2	163.9	144.7	125.1	106.5	89.0	72.8
62.5°	284.8	267.6	247.7	227.6	207.3	186.4	164.7	143.3	121.6	101.8	83.2
60°	310.8	293.2	274.9	253.7	231.4	208.7	185.1	161.1	137.7	114.3	93.9
57.5°	334.2	317.4	298.5	278.2	255.3	230.7	205.3	179.2	153.4	127.9	104.3
55°	355.9	338.9	320.8	300.2	277.6	252.2	225.0	197.1	168.9	141.5	114.5
52.5°	373.5	358.4	340.6	320.8	297.9	272.8	244.4	214.5	184.5	154.7	126.0
50°	389.4	375.3	358.6	338.9	317.3	291.2	263.3	231.7	199.7	167.7	137.3
47.5°	404.0	390.3	374.4	355.7	333.6	309.1	280.2	248.5	214.3	180.7	148.2
45°	416.9	403.6	388.7	370.4	349.3	324.3	295.9	264.9	229.0	193.3	158.6
42.5°	428.7	415.3	400.7	384.7	362.8	338.5	311.0	278.9	243.2	205.4	168.9
40°	438.0	425.6	411.8	395.3	375.5	352.2	323.8	292.0	256.8	217.1	178.9
37.5°	446.8	434.5	420.8	405.4	386.9	363.3	335.9	304.5	269.1	228.5	188.5
35°	454.1	442.3	428.8	413.8	395.8	373.9	347.5	315.8	279.5	239.2	197.6
32.5°	460.9	449.2	435.4	420.6	404.1	383.8	357.4	325.4	289.2	249.2	206.1
30°	467.2	454.6	441.6	426.8	411.4	391.2	365.7	334.4	298.3	258.5	214.0
27.5°	472.4	459.2	447.0	432.1	416.6	397.9	373.3	342.7	306.7	266.6	221.5
25°	477.2	463.6	450.9	437.0	421.3	404.1	380.4	350.3	313.8	273.4	228.4
22.5°	481.5	467.5	454.2	441.4	425.3	409.8	386.3	356.0	320.0	279.5	234.5
20°	485.2	471.0	456.8	444.7	428.8	413.2	390.9	361.2	325.5	285.0	240.0
17.5°	488.6	473.9	459.4	446.7	431.7	416.1	395.1	365.9	330.3	289.8	244.8
15°	491.7	476.2	461.7	448.3	434.1	418.5	398.8	369.9	334.5	294.0	248.9
12.5°	494.2	477.8	463.5	449.5	435.9	420.4	402.0	373.4	337.9	297.4	252.3
10°	496.2	478.7	464.8	450.3	437.1	421.9	404.7	376.1	340.6	300.2	255.1
7.5°	497.6	478.9	465.6	450.8	438.0	423.1	406.3	378.0	342.6	302.2	257.1
5°	498.8	479.6	466.5	451.6	439.1	424.0	407.2	379.2	343.9	303.6	258.4
2.5°	501.2	481.3	467.2	452.2	439.7	424.6	407.5	379.7	344.5	304.2	259.0
0°	502.7	482.6	467.5	452.4	439.9	424.8	407.2	379.5	344.3	304.1	258.9
-2.5°	501.2	481.3	467.2	452.2	439.7	424.6	407.5	379.7	344.5	304.2	259.0
-5°	498.8	479.6	466.5	451.6	439.1	424.0	407.2	379.2	343.9	303.6	258.4
-7.5°	497.6	478.9	465.6	450.8	438.0	423.1	406.3	378.0	342.6	302.2	257.1
-10°	496.2	478.7	464.8	450.3	437.1	421.9	404.7	376.1	340.6	300.2	255.1
-12.5°	494.2	477.8	463.5	449.5	435.9	420.4	402.0	373.4	337.9	297.4	252.3
-15°	491.7	476.2	461.7	448.3	434.1	418.5	398.8	369.9	334.5	294.0	248.9
-17.5°	488.6	473.9	459.4	446.7	431.7	416.1	395.1	365.9	330.3	289.8	244.8
-20°	485.2	471.0	456.8	444.7	428.8	413.2	390.9	361.2	325.5	285.0	240.0



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	481.5	467.5	454.2	441.4	425.3	409.8	386.3	356.0	320.0	279.5	234.5
-25°	477.2	463.6	450.9	437.0	421.3	404.1	380.4	350.3	313.8	273.4	228.4
-27.5°	472.4	459.2	447.0	432.1	416.6	397.9	373.3	342.7	306.7	266.6	221.5
-30°	467.2	454.6	441.6	426.8	411.4	391.2	365.7	334.4	298.3	258.5	214.0
-32.5°	460.9	449.2	435.4	420.6	404.1	383.8	357.4	325.4	289.2	249.2	206.1
-35°	454.1	442.3	428.8	413.8	395.8	373.9	347.5	315.8	279.5	239.2	197.6
-37.5°	446.8	434.5	420.8	405.4	386.9	363.3	335.9	304.5	269.1	228.5	188.5
-40°	438.0	425.6	411.8	395.3	375.5	352.2	323.8	292.0	256.8	217.1	178.9
-42.5°	428.7	415.3	400.7	384.7	362.8	338.5	311.0	278.9	243.2	205.4	168.9
-45°	416.9	403.6	388.7	370.4	349.3	324.3	295.9	264.9	229.0	193.3	158.6
-47.5°	404.0	390.3	374.4	355.7	333.6	309.1	280.2	248.5	214.3	180.7	148.2
-50°	389.4	375.3	358.6	338.9	317.3	291.2	263.3	231.7	199.7	167.7	137.3
-52.5°	373.5	358.4	340.6	320.8	297.9	272.8	244.4	214.5	184.5	154.7	126.0
-55°	355.9	338.9	320.8	300.2	277.6	252.2	225.0	197.1	168.9	141.5	114.5
-57.5°	334.2	317.4	298.5	278.2	255.3	230.7	205.3	179.2	153.4	127.9	104.3
-60°	310.8	293.2	274.9	253.7	231.4	208.7	185.1	161.1	137.7	114.3	93.9
-62.5°	284.8	267.6	247.7	227.6	207.3	186.4	164.7	143.3	121.6	101.8	83.2
-65°	255.5	237.7	219.4	201.7	183.2	163.9	144.7	125.1	106.5	89.0	72.8
-67.5°	223.5	207.6	192.0	175.8	158.7	141.4	124.2	107.5	91.3	75.7	63.8
-70°	190.8	177.4	163.7	148.9	133.7	118.7	104.4	89.8	75.8	65.5	54.8
-72.5°	158.2	146.7	134.4	121.6	109.5	97.1	84.5	73.0	64.3	55.2	45.6
-75°	126.2	116.2	106.4	96.5	86.0	75.6	67.8	60.6	52.9	44.8	37.7
-77.5°	93.9	86.3	78.8	72.3	65.5	59.2	53.5	48.1	41.8	35.9	30.2
-80°	64.6	60.3	55.8	51.1	46.7	42.7	39.9	36.4	31.7	27.1	22.7
-82.5°	39.3	37.4	35.7	33.9	32.2	30.1	27.7	24.9	21.5	18.2	15.8
-85°	24.9	23.7	22.4	20.9	19.4	17.6	16.2	14.9	13.5	12.0	10.6
-87.5°	11.9	11.3	10.7	10.1	9.5	8.8	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: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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	3.9	3.3	2.5	1.8	0.9	0.0
85°	9.1	7.9	6.5	5.1	3.5	1.8	0.0
82.5°	13.7	11.8	9.8	7.6	5.2	2.6	0.0
80°	18.4	15.7	13.1	10.1	7.0	3.5	0.0
77.5°	24.8	20.2	16.3	12.6	8.7	4.3	0.0
75°	31.2	25.5	19.7	15.1	10.4	5.2	0.0
72.5°	37.5	30.7	23.9	17.6	12.1	6.0	0.0
70°	43.9	35.9	28.1	20.2	13.7	6.9	0.0
67.5°	51.8	41.1	32.2	23.3	15.4	7.7	0.0
65°	59.6	46.8	36.2	26.3	17.0	8.5	0.0
62.5°	67.2	53.0	40.2	29.3	18.5	9.3	0.0
60°	74.6	59.1	44.1	32.2	20.1	10.0	0.0
57.5°	83.3	65.0	48.7	35.0	21.9	10.8	0.0
55°	92.1	70.8	53.3	37.8	23.8	11.5	0.0
52.5°	100.6	76.5	57.7	40.5	25.5	12.2	0.0
50°	108.8	83.4	61.9	43.1	27.2	12.9	0.0
47.5°	116.9	90.0	66.0	45.8	28.9	13.6	0.0
45°	125.8	96.4	69.9	48.7	30.5	14.2	0.0
42.5°	134.3	102.5	73.6	51.5	32.0	14.8	0.0
40°	142.3	108.3	77.7	54.1	33.4	15.4	0.0
37.5°	149.9	113.8	82.1	56.5	34.8	15.9	0.0
35°	157.0	119.5	86.3	58.8	36.1	16.5	0.0
32.5°	163.9	125.1	90.2	60.9	37.3	17.0	0.0
30°	170.6	130.3	93.9	62.8	38.5	17.4	0.0
27.5°	176.9	135.1	97.2	64.6	39.5	17.8	0.0
25°	182.7	139.4	100.3	66.2	40.5	18.2	0.0
22.5°	187.9	143.4	103.1	67.7	41.4	18.6	0.0
20°	192.6	147.0	105.6	68.9	42.2	18.9	0.0
17.5°	196.9	150.3	107.9	70.0	42.9	19.2	0.0
15°	200.6	153.1	109.9	70.9	43.5	19.4	0.0
12.5°	203.8	155.4	111.6	71.7	44.0	19.6	0.0
10°	206.4	157.4	113.0	72.3	44.4	19.8	0.0
7.5°	208.5	158.9	114.1	72.7	44.8	19.9	0.0
5°	209.9	160.0	115.0	72.9	45.0	20.0	0.0
2.5°	210.8	160.7	115.4	73.0	45.2	20.1	0.0
0°	211.1	160.9	115.6	72.9	45.2	20.1	0.0
-2.5°	210.8	160.7	115.4	73.0	45.2	20.1	0.0
-5°	209.9	160.0	115.0	72.9	45.0	20.0	0.0
-7.5°	208.5	158.9	114.1	72.7	44.8	19.9	0.0
-10°	206.4	157.4	113.0	72.3	44.4	19.8	0.0
-12.5°	203.8	155.4	111.6	71.7	44.0	19.6	0.0
-15°	200.6	153.1	109.9	70.9	43.5	19.4	0.0
-17.5°	196.9	150.3	107.9	70.0	42.9	19.2	0.0
-20°	192.6	147.0	105.6	68.9	42.2	18.9	0.0



REPORT NUMBER: P559192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.9	143.4	103.1	67.7	41.4	18.6	0.0
-25°	182.7	139.4	100.3	66.2	40.5	18.2	0.0
-27.5°	176.9	135.1	97.2	64.6	39.5	17.8	0.0
-30°	170.6	130.3	93.9	62.8	38.5	17.4	0.0
-32.5°	163.9	125.1	90.2	60.9	37.3	17.0	0.0
-35°	157.0	119.5	86.3	58.8	36.1	16.5	0.0
-37.5°	149.9	113.8	82.1	56.5	34.8	15.9	0.0
-40°	142.3	108.3	77.7	54.1	33.4	15.4	0.0
-42.5°	134.3	102.5	73.6	51.5	32.0	14.8	0.0
-45°	125.8	96.4	69.9	48.7	30.5	14.2	0.0
-47.5°	116.9	90.0	66.0	45.8	28.9	13.6	0.0
-50°	108.8	83.4	61.9	43.1	27.2	12.9	0.0
-52.5°	100.6	76.5	57.7	40.5	25.5	12.2	0.0
-55°	92.1	70.8	53.3	37.8	23.8	11.5	0.0
-57.5°	83.3	65.0	48.7	35.0	21.9	10.8	0.0
-60°	74.6	59.1	44.1	32.2	20.1	10.0	0.0
-62.5°	67.2	53.0	40.2	29.3	18.5	9.3	0.0
-65°	59.6	46.8	36.2	26.3	17.0	8.5	0.0
-67.5°	51.8	41.1	32.2	23.3	15.4	7.7	0.0
-70°	43.9	35.9	28.1	20.2	13.7	6.9	0.0
-72.5°	37.5	30.7	23.9	17.6	12.1	6.0	0.0
-75°	31.2	25.5	19.7	15.1	10.4	5.2	0.0
-77.5°	24.8	20.2	16.3	12.6	8.7	4.3	0.0
-80°	18.4	15.7	13.1	10.1	7.0	3.5	0.0
-82.5°	13.7	11.8	9.8	7.6	5.2	2.6	0.0
-85°	9.1	7.9	6.5	5.1	3.5	1.8	0.0
-87.5°	4.6	3.9	3.3	2.5	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)