

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: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559168 (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-927-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

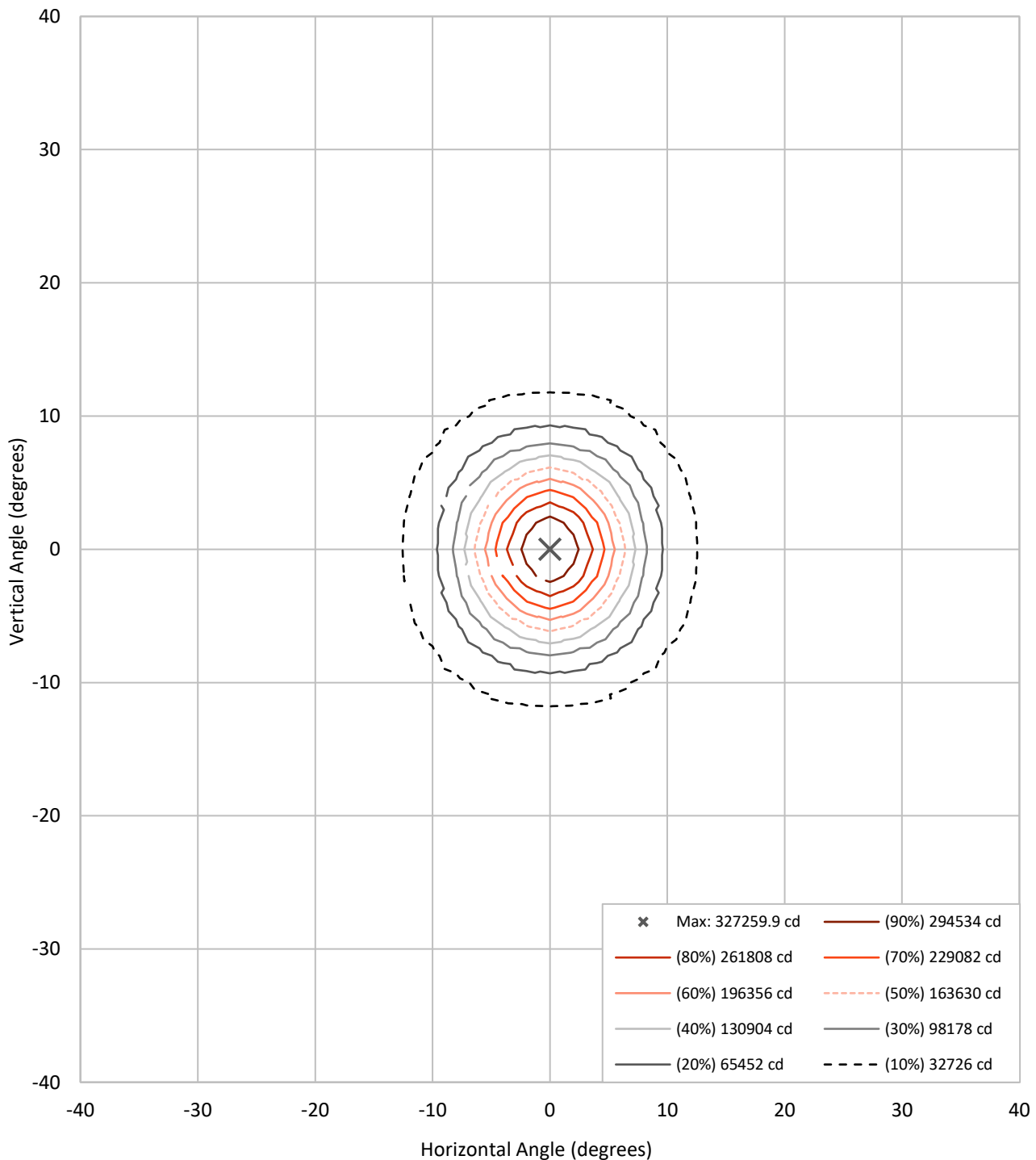
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23722 lumens	Max Intensity:	327259.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	7495.8 lumens	Field Lumens:	16605.7 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-927-U-TS-XX

Iso-Candela Plot





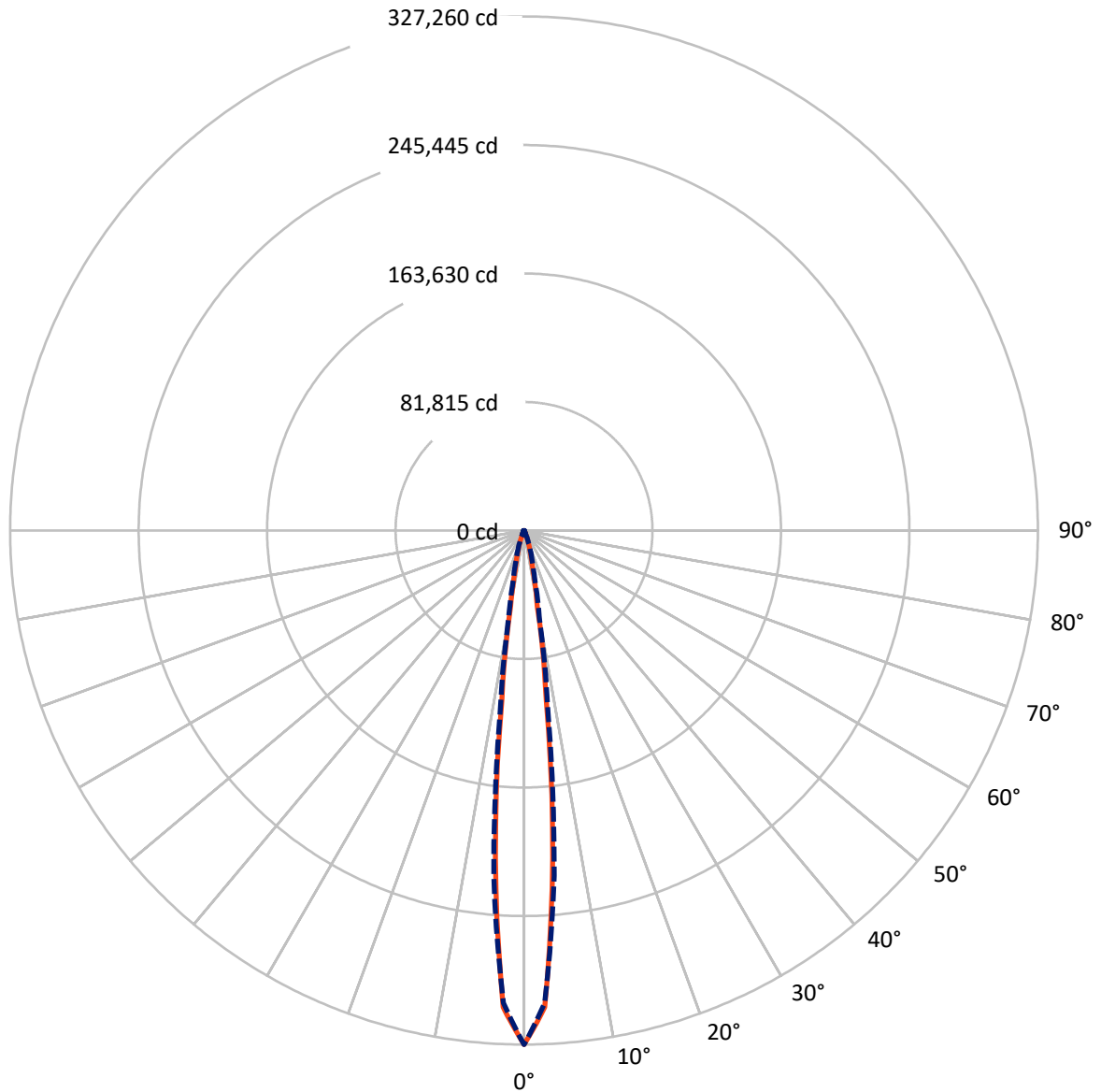
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 CATALOG NUMBER: GFLD-SA6C-927-U-TS-XX

Lumen Table

90	0.3	2.7		7.6		12.3		14.2		12.3		7.6		2.7		0.3			
80	0.3	2.7		7.6		12.3		14.2		12.3		7.6		2.7		0.3			
70	1.2	1.4	3.1	5.1	6.9	8.5	9.7	10.3	10.3	9.7	8.5	6.9	5.1	3.1	1.4	1.2			
60		2.3	4.6	6.9	9.0	10.6	11.6	12.1	12.1	11.6	10.6	9.0	6.9	4.6	2.3				
50	2.3	3.0	5.6	8.1	10.1	11.8	13.2	13.8	13.8	13.2	11.8	10.1	8.1	5.6	3.0	2.3			
40		3.6	6.3	8.8	11.2	14.5	18.1	20.4	20.4	18.1	14.5	11.2	8.8	6.3	3.6				
30	3.1	3.9	6.7	9.3	13.2	20.5	45.5	82.8	82.8	45.5	20.5	13.2	9.3	6.7	3.9	3.1			
20		4.1	6.9	9.8	15.6	44.1	248.7	547.2	547.2	248.7	44.1	15.6	9.8	6.9	4.1				
10	3.3	4.2	6.9	10.1	17.3	84.5	597.1	3862.9	3862.9	597.1	84.5	17.3	10.1	6.9	4.2	3.3			
0		4.2	6.9	10.1	17.3	84.5	597.1	3862.9	3862.9	597.1	84.5	17.3	10.1	6.9	4.2				
-10	3.1	4.1	6.9	9.8	15.6	44.1	248.7	547.2	547.2	248.7	44.1	15.6	9.8	6.9	4.1	3.1			
-20		3.9	6.7	9.3	13.2	20.5	45.5	82.8	82.8	45.5	20.5	13.2	9.3	6.7	3.9				
-30	2.3	3.6	6.3	8.8	11.2	14.5	18.1	20.4	20.4	18.1	14.5	11.2	8.8	6.3	3.6	2.3			
-40		3.0	5.6	8.1	10.1	11.8	13.2	13.8	13.8	13.2	11.8	10.1	8.1	5.6	3.0				
-50	1.2	2.3	4.6	6.9	9.0	10.6	11.6	12.1	12.1	11.6	10.6	9.0	6.9	4.6	2.3	1.2			
-60		1.4	3.1	5.1	6.9	8.5	9.7	10.3	10.3	9.7	8.5	6.9	5.1	3.1	1.4				
-70	0.3	2.7		7.6		12.3		14.2		12.3		7.6		2.7		0.3			
-80		2.7		7.6		12.3		14.2		12.3		7.6		2.7					
-90	0.3	2.7		7.6		12.3		14.2		12.3		7.6		2.7		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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CATALOG NUMBER: GFLD-SA6C-927-U-TS-XX

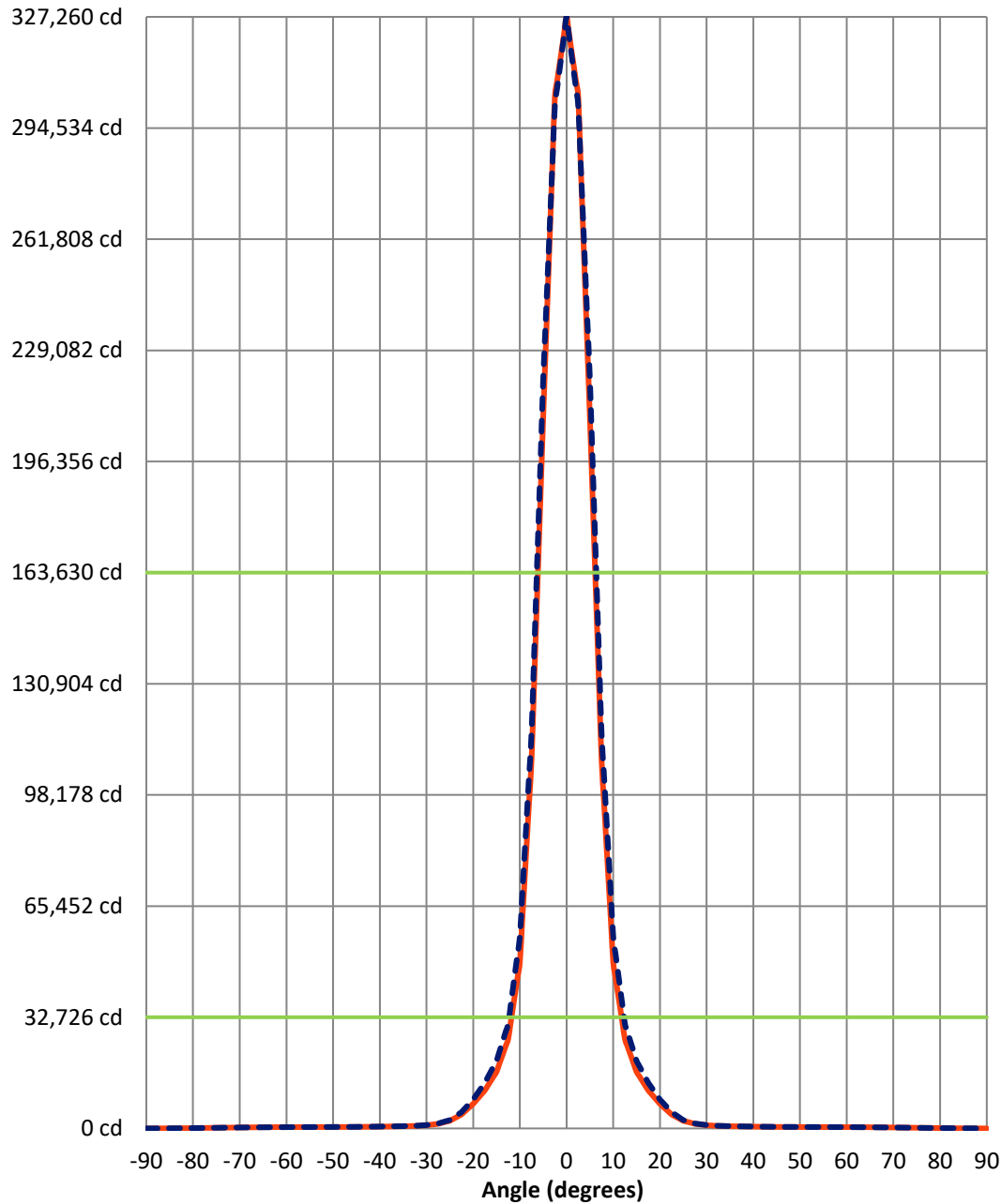
Luminous Intensity Polar Plot



— 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: 7495.8
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 16605.7
 Efficiency: 70.0%

Spill:
 Lumens: 7116.3
 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	0.8	1.5	2.2	2.9	3.5	4.0	4.6	5.3	5.9	6.5
85°	0.0	1.5	3.1	4.4	5.7	6.9	8.0	9.3	10.5	11.8	13.0
82.5°	0.0	2.3	4.6	6.7	8.6	10.3	11.9	13.9	15.9	18.8	21.8
80°	0.0	3.1	6.1	8.9	11.4	13.8	16.1	19.9	23.8	27.8	32.0
77.5°	0.0	3.8	7.6	11.1	14.3	17.6	21.8	26.5	31.5	36.7	42.2
75°	0.0	4.6	9.1	13.2	17.2	22.3	27.4	33.1	39.3	46.4	53.1
72.5°	0.0	5.3	10.6	15.4	21.0	27.0	32.9	40.0	48.4	56.4	64.0
70°	0.0	6.0	12.0	17.7	24.6	31.5	38.6	48.0	57.4	66.4	78.8
67.5°	0.0	6.7	13.5	20.4	28.2	36.1	45.5	56.0	66.4	80.1	94.2
65°	0.0	7.4	14.9	23.1	31.8	41.1	52.3	63.8	78.0	93.4	109.7
62.5°	0.0	8.1	16.2	25.7	35.3	46.5	58.9	72.9	89.3	106.6	125.6
60°	0.0	8.8	17.6	28.2	38.7	51.8	65.4	82.3	100.2	120.7	141.2
57.5°	0.0	9.5	19.2	30.8	42.8	57.0	73.1	91.4	112.1	134.5	157.1
55°	0.0	10.1	20.8	33.2	46.8	62.0	80.7	100.3	124.0	148.0	172.8
52.5°	0.0	10.7	22.4	35.6	50.6	67.1	88.1	110.4	135.6	161.7	188.0
50°	0.0	11.3	23.9	37.9	54.3	73.1	95.3	120.3	147.0	175.0	203.1
47.5°	0.0	11.9	25.3	40.2	57.9	78.9	102.5	129.9	158.4	187.9	217.9
45°	0.0	12.4	26.7	42.8	61.3	84.5	110.2	139.0	169.5	200.7	232.2
42.5°	0.0	13.0	28.1	45.2	64.6	89.8	117.7	148.0	180.1	213.2	244.4
40°	0.0	13.5	29.3	47.5	68.1	94.9	124.7	156.8	190.4	225.1	255.9
37.5°	0.0	14.0	30.5	49.6	72.0	99.7	131.4	165.3	200.3	235.9	266.9
35°	0.0	14.4	31.7	51.6	75.6	104.7	137.6	173.2	209.7	245.0	276.8
32.5°	0.0	14.8	32.8	53.4	79.1	109.6	143.6	180.7	218.5	253.5	285.2
30°	0.0	15.2	33.8	55.1	82.3	114.2	149.6	187.7	226.5	261.5	293.1
27.5°	0.0	15.6	34.7	56.7	85.2	118.3	155.1	194.2	233.6	268.9	300.3
25°	0.0	16.0	35.5	58.1	87.9	122.2	160.1	200.2	239.6	275.1	307.0
22.5°	0.0	16.3	36.3	59.3	90.3	125.7	164.7	205.6	245.0	280.5	312.0
20°	0.0	16.5	37.0	60.4	92.6	128.9	168.9	210.4	249.8	285.3	316.6
17.5°	0.0	16.8	37.6	61.4	94.6	131.7	172.6	214.6	254.1	289.5	320.7
15°	0.0	17.0	38.2	62.2	96.3	134.1	175.9	218.2	257.7	293.1	324.3
12.5°	0.0	17.2	38.6	62.8	97.8	136.2	178.7	221.2	260.7	296.1	327.3
10°	0.0	17.3	39.0	63.3	99.1	137.9	181.0	223.5	263.2	298.5	329.7
7.5°	0.0	17.4	39.3	63.7	100.0	139.3	182.8	225.3	265.0	300.3	331.4
5°	0.0	17.5	39.5	63.9	100.7	140.2	184.1	226.4	266.1	301.4	332.5
2.5°	0.0	17.6	39.7	64.0	101.2	140.8	184.8	227.0	266.7	301.9	332.9
0°	0.0	17.6	39.7	63.9	101.3	141.0	185.1	226.9	266.6	301.8	332.7
-2.5°	0.0	17.6	39.7	64.0	101.2	140.8	184.8	227.0	266.7	301.9	332.9
-5°	0.0	17.5	39.5	63.9	100.7	140.2	184.1	226.4	266.1	301.4	332.5
-7.5°	0.0	17.4	39.3	63.7	100.0	139.3	182.8	225.3	265.0	300.3	331.4
-10°	0.0	17.3	39.0	63.3	99.1	137.9	181.0	223.5	263.2	298.5	329.7
-12.5°	0.0	17.2	38.6	62.8	97.8	136.2	178.7	221.2	260.7	296.1	327.3
-15°	0.0	17.0	38.2	62.2	96.3	134.1	175.9	218.2	257.7	293.1	324.3
-17.5°	0.0	16.8	37.6	61.4	94.6	131.7	172.6	214.6	254.1	289.5	320.7
-20°	0.0	16.5	37.0	60.4	92.6	128.9	168.9	210.4	249.8	285.3	316.6



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 CATALOG NUMBER: GFLD-SA6C-927-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	16.3	36.3	59.3	90.3	125.7	164.7	205.6	245.0	280.5	312.0
-25°	0.0	16.0	35.5	58.1	87.9	122.2	160.1	200.2	239.6	275.1	307.0
-27.5°	0.0	15.6	34.7	56.7	85.2	118.3	155.1	194.2	233.6	268.9	300.3
-30°	0.0	15.2	33.8	55.1	82.3	114.2	149.6	187.7	226.5	261.5	293.1
-32.5°	0.0	14.8	32.8	53.4	79.1	109.6	143.6	180.7	218.5	253.5	285.2
-35°	0.0	14.4	31.7	51.6	75.6	104.7	137.6	173.2	209.7	245.0	276.8
-37.5°	0.0	14.0	30.5	49.6	72.0	99.7	131.4	165.3	200.3	235.9	266.9
-40°	0.0	13.5	29.3	47.5	68.1	94.9	124.7	156.8	190.4	225.1	255.9
-42.5°	0.0	13.0	28.1	45.2	64.6	89.8	117.7	148.0	180.1	213.2	244.4
-45°	0.0	12.4	26.7	42.8	61.3	84.5	110.2	139.0	169.5	200.7	232.2
-47.5°	0.0	11.9	25.3	40.2	57.9	78.9	102.5	129.9	158.4	187.9	217.9
-50°	0.0	11.3	23.9	37.9	54.3	73.1	95.3	120.3	147.0	175.0	203.1
-52.5°	0.0	10.7	22.4	35.6	50.6	67.1	88.1	110.4	135.6	161.7	188.0
-55°	0.0	10.1	20.8	33.2	46.8	62.0	80.7	100.3	124.0	148.0	172.8
-57.5°	0.0	9.5	19.2	30.8	42.8	57.0	73.1	91.4	112.1	134.5	157.1
-60°	0.0	8.8	17.6	28.2	38.7	51.8	65.4	82.3	100.2	120.7	141.2
-62.5°	0.0	8.1	16.2	25.7	35.3	46.5	58.9	72.9	89.3	106.6	125.6
-65°	0.0	7.4	14.9	23.1	31.8	41.1	52.3	63.8	78.0	93.4	109.7
-67.5°	0.0	6.7	13.5	20.4	28.2	36.1	45.5	56.0	66.4	80.1	94.2
-70°	0.0	6.0	12.0	17.7	24.6	31.5	38.6	48.0	57.4	66.4	78.8
-72.5°	0.0	5.3	10.6	15.4	21.0	27.0	32.9	40.0	48.4	56.4	64.0
-75°	0.0	4.6	9.1	13.2	17.2	22.3	27.4	33.1	39.3	46.4	53.1
-77.5°	0.0	3.8	7.6	11.1	14.3	17.6	21.8	26.5	31.5	36.7	42.2
-80°	0.0	3.1	6.1	8.9	11.4	13.8	16.1	19.9	23.8	27.8	32.0
-82.5°	0.0	2.3	4.6	6.7	8.6	10.3	11.9	13.9	15.9	18.8	21.8
-85°	0.0	1.5	3.1	4.4	5.7	6.9	8.0	9.3	10.5	11.8	13.0
-87.5°	0.0	0.8	1.5	2.2	2.9	3.5	4.0	4.6	5.3	5.9	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
85°	14.2	15.4	16.9	18.3	19.6	20.7	21.8	22.7	24.0	25.3	26.7
82.5°	24.3	26.4	28.2	29.7	31.3	32.8	34.4	37.0	40.3	43.5	46.5
80°	35.0	37.5	41.0	44.9	48.9	52.9	56.7	60.3	64.2	68.5	73.0
77.5°	47.0	52.0	57.4	63.4	69.1	75.6	82.3	89.1	95.2	100.6	105.3
75°	59.5	66.3	75.4	84.6	93.2	101.9	110.6	119.1	126.5	133.5	140.4
72.5°	74.1	85.2	96.0	106.6	117.8	128.6	138.7	148.2	157.7	167.1	176.1
70°	91.5	104.1	117.3	130.6	143.5	155.5	167.3	179.2	191.0	201.6	211.0
67.5°	108.9	124.0	139.1	154.1	168.3	182.0	195.9	209.6	222.7	233.8	243.7
65°	126.8	143.7	160.5	176.8	192.3	208.3	224.0	239.1	251.4	261.7	271.6
62.5°	144.3	163.3	181.7	199.5	217.1	234.5	249.6	263.2	276.0	287.1	297.8
60°	162.2	182.9	202.8	222.4	240.9	256.9	272.4	286.0	298.8	311.0	320.1
57.5°	179.9	202.2	223.7	243.8	261.6	278.2	292.9	307.3	318.4	328.2	338.1
55°	197.2	221.1	243.3	263.2	281.2	297.0	311.9	323.9	335.0	344.3	353.9
52.5°	214.2	239.1	261.1	281.2	298.5	314.1	327.4	339.3	349.6	359.0	366.9
50°	230.8	255.3	278.1	297.0	314.3	329.0	341.4	352.8	362.8	371.4	378.6
47.5°	245.6	270.9	292.4	311.8	328.2	342.1	354.1	365.0	374.9	382.5	389.7
45°	259.4	284.3	306.1	324.6	340.7	353.7	365.4	376.6	384.9	392.5	398.0
42.5°	272.6	296.7	318.0	337.2	351.3	364.0	375.7	385.5	394.1	400.7	406.6
40°	283.8	308.6	329.1	346.5	360.9	373.0	383.9	393.8	402.1	408.6	415.0
37.5°	294.4	318.4	339.1	355.3	368.8	380.8	391.6	400.8	409.0	415.9	424.5
35°	304.6	327.7	346.9	362.6	375.8	387.7	398.0	407.3	415.4	424.9	434.8
32.5°	313.2	336.4	354.2	368.6	381.7	393.8	404.0	413.4	422.9	433.5	445.9
30°	320.6	342.9	360.6	374.0	387.1	398.4	409.5	419.7	430.0	442.8	458.9
27.5°	327.2	348.8	365.1	378.7	391.9	402.5	414.1	425.6	437.7	452.6	473.0
25°	333.5	354.2	369.2	383.0	395.2	406.3	418.3	430.1	445.2	465.0	491.5
22.5°	338.6	359.2	372.8	386.9	398.1	409.8	422.0	435.3	452.4	476.3	511.0
20°	342.6	362.2	375.8	389.8	400.4	412.8	425.3	439.8	460.2	491.4	531.6
17.5°	346.3	364.7	378.4	391.5	402.7	415.4	428.3	443.4	466.7	505.4	550.5
15°	349.5	366.8	380.4	392.9	404.7	417.4	430.9	448.2	475.3	519.0	567.6
12.5°	352.4	368.5	382.0	394.0	406.3	418.8	433.1	452.3	484.5	531.7	584.5
10°	354.7	369.8	383.1	394.8	407.4	419.6	434.9	455.0	491.0	538.8	594.6
7.5°	356.1	370.8	383.9	395.2	408.1	419.8	436.1	456.3	495.0	542.7	600.0
5°	356.9	371.6	384.8	395.9	408.9	420.3	437.2	456.6	496.7	543.4	602.1
2.5°	357.2	372.1	385.3	396.4	409.6	421.9	439.2	459.0	498.2	546.0	603.5
0°	356.9	372.3	385.5	396.6	409.8	423.0	440.6	460.5	497.9	548.6	603.7
-2.5°	357.2	372.1	385.3	396.4	409.6	421.9	439.2	459.0	498.2	546.0	603.5
-5°	356.9	371.6	384.8	395.9	408.9	420.3	437.2	456.6	496.7	543.4	602.1
-7.5°	356.1	370.8	383.9	395.2	408.1	419.8	436.1	456.3	495.0	542.7	600.0
-10°	354.7	369.8	383.1	394.8	407.4	419.6	434.9	455.0	491.0	538.8	594.6
-12.5°	352.4	368.5	382.0	394.0	406.3	418.8	433.1	452.3	484.5	531.7	584.5
-15°	349.5	366.8	380.4	392.9	404.7	417.4	430.9	448.2	475.3	519.0	567.6
-17.5°	346.3	364.7	378.4	391.5	402.7	415.4	428.3	443.4	466.7	505.4	550.5
-20°	342.6	362.2	375.8	389.8	400.4	412.8	425.3	439.8	460.2	491.4	531.6



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	338.6	359.2	372.8	386.9	398.1	409.8	422.0	435.3	452.4	476.3	511.0
-25°	333.5	354.2	369.2	383.0	395.2	406.3	418.3	430.1	445.2	465.0	491.5
-27.5°	327.2	348.8	365.1	378.7	391.9	402.5	414.1	425.6	437.7	452.6	473.0
-30°	320.6	342.9	360.6	374.0	387.1	398.4	409.5	419.7	430.0	442.8	458.9
-32.5°	313.2	336.4	354.2	368.6	381.7	393.8	404.0	413.4	422.9	433.5	445.9
-35°	304.6	327.7	346.9	362.6	375.8	387.7	398.0	407.3	415.4	424.9	434.8
-37.5°	294.4	318.4	339.1	355.3	368.8	380.8	391.6	400.8	409.0	415.9	424.5
-40°	283.8	308.6	329.1	346.5	360.9	373.0	383.9	393.8	402.1	408.6	415.0
-42.5°	272.6	296.7	318.0	337.2	351.3	364.0	375.7	385.5	394.1	400.7	406.6
-45°	259.4	284.3	306.1	324.6	340.7	353.7	365.4	376.6	384.9	392.5	398.0
-47.5°	245.6	270.9	292.4	311.8	328.2	342.1	354.1	365.0	374.9	382.5	389.7
-50°	230.8	255.3	278.1	297.0	314.3	329.0	341.4	352.8	362.8	371.4	378.6
-52.5°	214.2	239.1	261.1	281.2	298.5	314.1	327.4	339.3	349.6	359.0	366.9
-55°	197.2	221.1	243.3	263.2	281.2	297.0	311.9	323.9	335.0	344.3	353.9
-57.5°	179.9	202.2	223.7	243.8	261.6	278.2	292.9	307.3	318.4	328.2	338.1
-60°	162.2	182.9	202.8	222.4	240.9	256.9	272.4	286.0	298.8	311.0	320.1
-62.5°	144.3	163.3	181.7	199.5	217.1	234.5	249.6	263.2	276.0	287.1	297.8
-65°	126.8	143.7	160.5	176.8	192.3	208.3	224.0	239.1	251.4	261.7	271.6
-67.5°	108.9	124.0	139.1	154.1	168.3	182.0	195.9	209.6	222.7	233.8	243.7
-70°	91.5	104.1	117.3	130.6	143.5	155.5	167.3	179.2	191.0	201.6	211.0
-72.5°	74.1	85.2	96.0	106.6	117.8	128.6	138.7	148.2	157.7	167.1	176.1
-75°	59.5	66.3	75.4	84.6	93.2	101.9	110.6	119.1	126.5	133.5	140.4
-77.5°	47.0	52.0	57.4	63.4	69.1	75.6	82.3	89.1	95.2	100.6	105.3
-80°	35.0	37.5	41.0	44.9	48.9	52.9	56.7	60.3	64.2	68.5	73.0
-82.5°	24.3	26.4	28.2	29.7	31.3	32.8	34.4	37.0	40.3	43.5	46.5
-85°	14.2	15.4	16.9	18.3	19.6	20.7	21.8	22.7	24.0	25.3	26.7
-87.5°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	12.6	12.5	12.4	12.2	12.0	12.2	12.4	12.6	12.7	12.9	13.0
85°	28.1	29.3	30.5	31.7	32.9	33.8	34.6	35.2	35.8	36.3	36.8
82.5°	49.3	51.8	54.1	56.2	58.0	59.5	60.9	62.1	63.2	64.1	64.8
80°	76.9	80.7	84.3	87.7	90.8	93.3	95.3	97.0	98.4	99.9	101.2
77.5°	110.0	115.3	120.3	124.9	129.0	132.4	135.3	137.9	140.0	142.7	145.2
75°	147.2	153.7	159.5	164.8	169.7	174.1	178.0	181.4	184.3	187.2	189.7
72.5°	184.6	192.3	199.0	204.8	210.0	215.0	219.9	224.4	228.7	231.8	234.1
70°	219.7	227.6	234.8	241.4	247.4	253.7	260.1	266.0	271.3	274.8	276.8
67.5°	252.0	260.0	268.2	276.3	283.5	290.1	296.5	302.3	307.6	311.2	313.4
65°	281.1	290.0	298.8	307.1	314.7	320.3	326.2	331.7	336.9	341.0	344.1
62.5°	308.3	317.1	324.6	331.6	338.1	343.7	349.4	354.5	358.9	362.8	366.5
60°	329.1	338.1	345.4	351.9	357.9	363.5	368.0	371.7	374.7	377.2	379.5
57.5°	347.0	355.5	362.9	368.2	373.6	378.9	382.8	385.2	387.0	388.4	389.4
55°	362.4	369.2	375.3	381.3	386.6	391.3	394.7	396.2	397.2	397.7	398.2
52.5°	374.7	381.4	387.7	393.4	397.5	401.4	404.8	405.7	406.2	406.4	406.5
50°	386.1	392.6	397.6	402.3	406.6	410.1	413.0	414.3	415.1	415.3	414.8
47.5°	395.2	400.8	406.3	411.2	415.5	419.6	422.8	424.7	426.1	426.6	426.6
45°	403.1	409.7	415.6	421.3	426.3	431.6	436.1	439.2	442.3	444.4	445.4
42.5°	412.6	419.2	425.7	433.5	440.8	447.7	455.2	461.8	468.6	475.9	480.9
40°	422.2	429.3	439.3	448.8	459.5	469.2	484.9	500.6	512.6	522.7	531.9
37.5°	433.2	443.6	455.6	467.9	485.3	503.2	523.1	542.6	559.6	574.9	587.3
35°	445.8	459.8	474.5	496.3	518.4	540.6	564.4	590.3	612.4	628.4	639.9
32.5°	461.3	478.9	502.5	530.3	557.4	586.3	615.0	643.9	665.6	688.0	710.5
30°	478.5	503.8	534.3	568.1	602.0	636.5	672.5	712.6	750.7	791.7	850.4
27.5°	500.3	531.2	567.1	607.1	647.9	688.9	751.7	820.6	922.8	1004.4	1143.0
25°	523.6	559.8	602.6	648.9	698.8	772.2	887.2	1023.1	1263.9	1450.7	1734.0
22.5°	549.7	592.3	639.5	692.7	773.1	911.7	1108.4	1457.4	1942.9	2422.5	2955.8
20°	575.3	622.5	674.2	754.7	891.4	1110.6	1536.5	2291.0	3133.7	4333.4	5340.4
17.5°	599.7	649.8	715.3	824.3	1029.0	1469.7	2294.6	3587.0	5347.0	7281.1	8893.9
15°	621.1	672.2	760.5	933.1	1278.9	1965.4	3211.0	5410.5	8367.7	11015.7	13377.4
12.5°	639.1	699.7	809.5	1021.0	1495.9	2512.1	4510.2	7633.4	11244.6	14958.2	17947.2
10°	652.3	728.9	875.0	1183.5	1840.7	3162.8	5593.0	9532.7	13880.8	18394.4	23797.6
7.5°	660.2	749.8	924.7	1304.2	2148.3	3887.2	6951.3	11228.5	16221.6	22383.2	30638.5
5°	665.9	763.9	961.5	1395.0	2353.8	4366.1	7809.0	12513.3	18241.4	27150.6	44140.6
2.5°	668.7	770.1	982.3	1444.9	2447.4	4612.3	8412.5	13248.9	19470.2	30513.8	53494.1
0°	667.5	766.7	984.8	1456.3	2460.9	4800.6	8512.9	13458.9	19885.5	30815.2	56492.7
-2.5°	668.7	770.1	982.3	1444.9	2447.4	4612.3	8412.5	13248.9	19470.2	30513.8	53494.1
-5°	665.9	763.9	961.5	1395.0	2353.8	4366.1	7809.0	12513.3	18241.4	27150.6	44140.6
-7.5°	660.2	749.8	924.7	1304.2	2148.3	3887.2	6951.3	11228.5	16221.6	22383.2	30638.5
-10°	652.3	728.9	875.0	1183.5	1840.7	3162.8	5593.0	9532.7	13880.8	18394.4	23797.6
-12.5°	639.1	699.7	809.5	1021.0	1495.9	2512.1	4510.2	7633.4	11244.6	14958.2	17947.2
-15°	621.1	672.2	760.5	933.1	1278.9	1965.4	3211.0	5410.5	8367.7	11015.7	13377.4
-17.5°	599.7	649.8	715.3	824.3	1029.0	1469.7	2294.6	3587.0	5347.0	7281.1	8893.9
-20°	575.3	622.5	674.2	754.7	891.4	1110.6	1536.5	2291.0	3133.7	4333.4	5340.4



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	549.7	592.3	639.5	692.7	773.1	911.7	1108.4	1457.4	1942.9	2422.5	2955.8
-25°	523.6	559.8	602.6	648.9	698.8	772.2	887.2	1023.1	1263.9	1450.7	1734.0
-27.5°	500.3	531.2	567.1	607.1	647.9	688.9	751.7	820.6	922.8	1004.4	1143.0
-30°	478.5	503.8	534.3	568.1	602.0	636.5	672.5	712.6	750.7	791.7	850.4
-32.5°	461.3	478.9	502.5	530.3	557.4	586.3	615.0	643.9	665.6	688.0	710.5
-35°	445.8	459.8	474.5	496.3	518.4	540.6	564.4	590.3	612.4	628.4	639.9
-37.5°	433.2	443.6	455.6	467.9	485.3	503.2	523.1	542.6	559.6	574.9	587.3
-40°	422.2	429.3	439.3	448.8	459.5	469.2	484.9	500.6	512.6	522.7	531.9
-42.5°	412.6	419.2	425.7	433.5	440.8	447.7	455.2	461.8	468.6	475.9	480.9
-45°	403.1	409.7	415.6	421.3	426.3	431.6	436.1	439.2	442.3	444.4	445.4
-47.5°	395.2	400.8	406.3	411.2	415.5	419.6	422.8	424.7	426.1	426.6	426.6
-50°	386.1	392.6	397.6	402.3	406.6	410.1	413.0	414.3	415.1	415.3	414.8
-52.5°	374.7	381.4	387.7	393.4	397.5	401.4	404.8	405.7	406.2	406.4	406.5
-55°	362.4	369.2	375.3	381.3	386.6	391.3	394.7	396.2	397.2	397.7	398.2
-57.5°	347.0	355.5	362.9	368.2	373.6	378.9	382.8	385.2	387.0	388.4	389.4
-60°	329.1	338.1	345.4	351.9	357.9	363.5	368.0	371.7	374.7	377.2	379.5
-62.5°	308.3	317.1	324.6	331.6	338.1	343.7	349.4	354.5	358.9	362.8	366.5
-65°	281.1	290.0	298.8	307.1	314.7	320.3	326.2	331.7	336.9	341.0	344.1
-67.5°	252.0	260.0	268.2	276.3	283.5	290.1	296.5	302.3	307.6	311.2	313.4
-70°	219.7	227.6	234.8	241.4	247.4	253.7	260.1	266.0	271.3	274.8	276.8
-72.5°	184.6	192.3	199.0	204.8	210.0	215.0	219.9	224.4	228.7	231.8	234.1
-75°	147.2	153.7	159.5	164.8	169.7	174.1	178.0	181.4	184.3	187.2	189.7
-77.5°	110.0	115.3	120.3	124.9	129.0	132.4	135.3	137.9	140.0	142.7	145.2
-80°	76.9	80.7	84.3	87.7	90.8	93.3	95.3	97.0	98.4	99.9	101.2
-82.5°	49.3	51.8	54.1	56.2	58.0	59.5	60.9	62.1	63.2	64.1	64.8
-85°	28.1	29.3	30.5	31.7	32.9	33.8	34.6	35.2	35.8	36.3	36.8
-87.5°	12.6	12.5	12.4	12.2	12.0	12.2	12.4	12.6	12.7	12.9	13.0
-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: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	13.1	13.1	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.7	12.6
85°	37.1	37.3	37.5	37.5	37.5	37.3	37.1	36.8	36.3	35.8	35.2
82.5°	65.4	65.8	66.0	66.1	66.0	65.8	65.4	64.8	64.1	63.2	62.1
80°	102.2	102.9	103.4	103.5	103.4	102.9	102.2	101.2	99.9	98.4	97.0
77.5°	147.2	148.9	149.6	149.8	149.6	148.9	147.2	145.2	142.7	140.0	137.9
75°	191.6	192.9	193.6	193.9	193.6	192.9	191.6	189.7	187.2	184.3	181.4
72.5°	235.8	236.7	238.6	240.1	238.6	236.7	235.8	234.1	231.8	228.7	224.4
70°	278.1	278.6	280.5	282.0	280.5	278.6	278.1	276.8	274.8	271.3	266.0
67.5°	315.0	316.0	315.9	315.0	315.9	316.0	315.0	313.4	311.2	307.6	302.3
65°	346.7	348.9	349.0	348.1	349.0	348.9	346.7	344.1	341.0	336.9	331.7
62.5°	369.9	373.0	374.2	374.5	374.2	373.0	369.9	366.5	362.8	358.9	354.5
60°	381.3	382.7	383.2	383.3	383.2	382.7	381.3	379.5	377.2	374.7	371.7
57.5°	389.8	389.8	389.9	390.0	389.9	389.8	389.8	389.4	388.4	387.0	385.2
55°	398.5	398.5	397.8	396.6	397.8	398.5	398.5	398.2	397.7	397.2	396.2
52.5°	406.2	405.5	404.5	403.2	404.5	405.5	406.2	406.5	406.4	406.2	405.7
50°	413.9	412.5	411.9	412.0	411.9	412.5	413.9	414.8	415.3	415.1	414.3
47.5°	426.2	425.3	424.9	425.2	424.9	425.3	426.2	426.6	426.6	426.1	424.7
45°	445.8	445.0	444.6	445.0	444.6	445.0	445.8	445.4	444.4	442.3	439.2
42.5°	483.6	484.0	483.8	484.7	483.8	484.0	483.6	480.9	475.9	468.6	461.8
40°	535.6	535.4	533.6	533.2	533.6	535.4	535.6	531.9	522.7	512.6	500.6
37.5°	592.4	592.4	590.6	590.4	590.6	592.4	592.4	587.3	574.9	559.6	542.6
35°	645.9	647.9	647.6	645.5	647.6	647.9	645.9	639.9	628.4	612.4	590.3
32.5°	726.4	738.8	745.2	742.5	745.2	738.8	726.4	710.5	688.0	665.6	643.9
30°	887.3	918.9	935.6	942.9	935.6	918.9	887.3	850.4	791.7	750.7	712.6
27.5°	1242.2	1312.1	1343.6	1354.9	1343.6	1312.1	1242.2	1143.0	1004.4	922.8	820.6
25°	1981.5	2139.7	2217.7	2242.8	2217.7	2139.7	1981.5	1734.0	1450.7	1263.9	1023.1
22.5°	3543.2	3847.8	4056.1	4102.2	4056.1	3847.8	3543.2	2955.8	2422.5	1942.9	1457.4
20°	6352.9	6942.0	7261.7	7232.9	7261.7	6942.0	6352.9	5340.4	4333.4	3133.7	2291.0
17.5°	10264.8	11020.2	11379.8	11211.7	11379.8	11020.2	10264.8	8893.9	7281.1	5347.0	3587.0
15°	15047.8	16068.4	16513.6	16651.3	16513.6	16068.4	15047.8	13377.4	11015.7	8367.7	5410.5
12.5°	20930.8	24276.7	25876.7	26305.4	25876.7	24276.7	20930.8	17947.2	14958.2	11244.6	7633.4
10°	29324.2	40571.0	47260.6	48894.1	47260.6	40571.0	29324.2	23797.6	18394.4	13880.8	9532.7
7.5°	47888.9	70743.3	96345.4	108469.0	96345.4	70743.3	47888.9	30638.5	22383.2	16221.6	11228.5
5°	73030.5	126750.5	186027.0	209264.6	186027.0	126750.5	73030.5	44140.6	27150.6	18241.4	12513.3
2.5°	103594.4	191383.4	273289.2	303822.0	273289.2	191383.4	103594.4	53494.1	30513.8	19470.2	13248.9
0°	116507.2	220643.7	301105.5	327259.9	301105.5	220643.7	116507.2	56492.7	30815.2	19885.5	13458.9
-2.5°	103594.4	191383.4	273289.2	303821.9	273289.2	191383.4	103594.4	53494.1	30513.8	19470.2	13248.9
-5°	73030.5	126750.5	186027.0	209264.6	186027.0	126750.5	73030.5	44140.6	27150.6	18241.4	12513.3
-7.5°	47888.9	70743.3	96345.4	108469.0	96345.4	70743.3	47888.9	30638.5	22383.2	16221.6	11228.5
-10°	29324.2	40571.0	47260.6	48894.1	47260.6	40571.0	29324.2	23797.6	18394.4	13880.8	9532.7
-12.5°	20930.8	24276.7	25876.7	26305.4	25876.7	24276.7	20930.8	17947.2	14958.2	11244.6	7633.4
-15°	15047.8	16068.4	16513.6	16651.3	16513.6	16068.4	15047.8	13377.4	11015.7	8367.7	5410.5
-17.5°	10264.8	11020.2	11379.8	11211.7	11379.8	11020.2	10264.8	8893.9	7281.1	5347.0	3587.0
-20°	6352.9	6942.0	7261.7	7232.9	7261.7	6942.0	6352.9	5340.4	4333.4	3133.7	2291.0



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	3543.2	3847.8	4056.1	4102.2	4056.1	3847.8	3543.2	2955.8	2422.5	1942.9	1457.4
-25°	1981.5	2139.7	2217.7	2242.8	2217.7	2139.7	1981.5	1734.0	1450.7	1263.9	1023.1
-27.5°	1242.2	1312.1	1343.6	1354.9	1343.6	1312.1	1242.2	1143.0	1004.4	922.8	820.6
-30°	887.3	918.9	935.6	942.9	935.6	918.9	887.3	850.4	791.7	750.7	712.6
-32.5°	726.4	738.8	745.2	742.5	745.2	738.8	726.4	710.5	688.0	665.6	643.9
-35°	645.9	647.9	647.6	645.5	647.6	647.9	645.9	639.9	628.4	612.4	590.3
-37.5°	592.4	592.4	590.6	590.4	590.6	592.4	592.4	587.3	574.9	559.6	542.6
-40°	535.6	535.4	533.6	533.2	533.6	535.4	535.6	531.9	522.7	512.6	500.6
-42.5°	483.6	484.0	483.8	484.7	483.8	484.0	483.6	480.9	475.9	468.6	461.8
-45°	445.8	445.0	444.6	445.0	444.6	445.0	445.8	445.4	444.4	442.3	439.2
-47.5°	426.2	425.3	424.9	425.2	424.9	425.3	426.2	426.6	426.6	426.1	424.7
-50°	413.9	412.5	411.9	412.0	411.9	412.5	413.9	414.8	415.3	415.1	414.3
-52.5°	406.2	405.5	404.5	403.2	404.5	405.5	406.2	406.5	406.4	406.2	405.7
-55°	398.5	398.5	397.8	396.6	397.8	398.5	398.5	398.2	397.7	397.2	396.2
-57.5°	389.8	389.8	389.9	390.0	389.9	389.8	389.8	389.4	388.4	387.0	385.2
-60°	381.3	382.7	383.2	383.3	383.2	382.7	381.3	379.5	377.2	374.7	371.7
-62.5°	369.9	373.0	374.2	374.5	374.2	373.0	369.9	366.5	362.8	358.9	354.5
-65°	346.7	348.9	349.0	348.1	349.0	348.9	346.7	344.1	341.0	336.9	331.7
-67.5°	315.0	316.0	315.9	315.0	315.9	316.0	315.0	313.4	311.2	307.6	302.3
-70°	278.1	278.6	280.5	282.0	280.5	278.6	278.1	276.8	274.8	271.3	266.0
-72.5°	235.8	236.7	238.6	240.1	238.6	236.7	235.8	234.1	231.8	228.7	224.4
-75°	191.6	192.9	193.6	193.9	193.6	192.9	191.6	189.7	187.2	184.3	181.4
-77.5°	147.2	148.9	149.6	149.8	149.6	148.9	147.2	145.2	142.7	140.0	137.9
-80°	102.2	102.9	103.4	103.5	103.4	102.9	102.2	101.2	99.9	98.4	97.0
-82.5°	65.4	65.8	66.0	66.1	66.0	65.8	65.4	64.8	64.1	63.2	62.1
-85°	37.1	37.3	37.5	37.5	37.5	37.3	37.1	36.8	36.3	35.8	35.2
-87.5°	13.1	13.1	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.7	12.6
-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: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	12.4	12.2	12.0	12.2	12.4	12.5	12.6	12.2	11.8	11.4	10.9
85°	34.6	33.8	32.9	31.7	30.5	29.3	28.1	26.7	25.3	24.0	22.7
82.5°	60.9	59.5	58.0	56.2	54.1	51.8	49.3	46.5	43.5	40.3	37.0
80°	95.3	93.3	90.8	87.7	84.3	80.7	76.9	73.0	68.5	64.2	60.3
77.5°	135.3	132.4	129.0	124.9	120.3	115.3	110.0	105.3	100.6	95.2	89.1
75°	178.0	174.1	169.7	164.8	159.5	153.7	147.2	140.4	133.5	126.5	119.1
72.5°	219.9	215.0	210.0	204.8	199.0	192.3	184.6	176.1	167.1	157.7	148.2
70°	260.1	253.7	247.4	241.4	234.8	227.6	219.7	211.0	201.6	191.0	179.2
67.5°	296.5	290.1	283.5	276.3	268.2	260.0	252.0	243.7	233.8	222.7	209.6
65°	326.2	320.3	314.7	307.1	298.8	290.0	281.1	271.6	261.7	251.4	239.1
62.5°	349.4	343.7	338.1	331.6	324.6	317.1	308.3	297.8	287.1	276.0	263.2
60°	368.0	363.5	357.9	351.9	345.4	338.1	329.1	320.1	311.0	298.8	286.0
57.5°	382.8	378.9	373.6	368.2	362.9	355.5	347.0	338.1	328.2	318.4	307.3
55°	394.7	391.3	386.6	381.3	375.3	369.2	362.4	353.9	344.3	335.0	323.9
52.5°	404.8	401.4	397.5	393.4	387.7	381.4	374.7	366.9	359.0	349.6	339.3
50°	413.0	410.1	406.6	402.3	397.6	392.6	386.1	378.6	371.4	362.8	352.8
47.5°	422.8	419.6	415.5	411.2	406.3	400.8	395.2	389.7	382.5	374.9	365.0
45°	436.1	431.6	426.3	421.3	415.6	409.7	403.1	398.0	392.5	384.9	376.6
42.5°	455.2	447.7	440.8	433.5	425.7	419.2	412.6	406.6	400.7	394.1	385.5
40°	484.9	469.2	459.5	448.8	439.3	429.3	422.2	415.0	408.6	402.1	393.8
37.5°	523.1	503.2	485.3	467.9	455.6	443.6	433.2	424.5	415.9	409.0	400.8
35°	564.4	540.6	518.4	496.3	474.5	459.8	445.8	434.8	424.9	415.4	407.3
32.5°	615.0	586.3	557.4	530.3	502.5	478.9	461.3	445.9	433.5	422.9	413.4
30°	672.5	636.5	602.0	568.1	534.3	503.8	478.5	458.9	442.8	430.0	419.7
27.5°	751.7	688.9	647.9	607.1	567.1	531.2	500.3	473.0	452.6	437.7	425.6
25°	887.2	772.2	698.8	648.9	602.6	559.8	523.6	491.5	465.0	445.2	430.1
22.5°	1108.4	911.7	773.1	692.7	639.5	592.3	549.7	511.0	476.3	452.4	435.3
20°	1536.5	1110.6	891.4	754.7	674.2	622.5	575.3	531.6	491.4	460.2	439.8
17.5°	2294.6	1469.7	1029.0	824.3	715.3	649.8	599.7	550.5	505.4	466.7	443.4
15°	3211.0	1965.4	1278.9	933.1	760.5	672.2	621.1	567.6	519.0	475.3	448.2
12.5°	4510.2	2512.1	1495.9	1021.0	809.5	699.7	639.1	584.5	531.7	484.5	452.3
10°	5593.0	3162.8	1840.7	1183.5	875.0	728.9	652.3	594.6	538.8	491.0	455.0
7.5°	6951.3	3887.2	2148.3	1304.2	924.7	749.8	660.2	600.0	542.7	495.0	456.3
5°	7809.0	4366.1	2353.8	1395.0	961.5	763.9	665.9	602.1	543.4	496.7	456.6
2.5°	8412.5	4612.3	2447.4	1444.9	982.3	770.1	668.7	603.5	546.0	498.2	459.0
0°	8512.9	4800.6	2460.9	1456.3	984.8	766.7	667.5	603.7	548.6	497.9	460.5
-2.5°	8412.5	4612.3	2447.4	1444.9	982.3	770.1	668.7	603.5	546.0	498.2	459.0
-5°	7809.0	4366.1	2353.8	1395.0	961.5	763.9	665.9	602.1	543.4	496.7	456.6
-7.5°	6951.3	3887.2	2148.3	1304.2	924.7	749.8	660.2	600.0	542.7	495.0	456.3
-10°	5593.0	3162.8	1840.7	1183.5	875.0	728.9	652.3	594.6	538.8	491.0	455.0
-12.5°	4510.2	2512.1	1495.9	1021.0	809.5	699.7	639.1	584.5	531.7	484.5	452.3
-15°	3211.0	1965.4	1278.9	933.1	760.5	672.2	621.1	567.6	519.0	475.3	448.2
-17.5°	2294.6	1469.7	1029.0	824.3	715.3	649.8	599.7	550.5	505.4	466.7	443.4
-20°	1536.5	1110.6	891.4	754.7	674.2	622.5	575.3	531.6	491.4	460.2	439.8



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1108.4	911.7	773.1	692.7	639.5	592.3	549.7	511.0	476.3	452.4	435.3
-25°	887.2	772.2	698.8	648.9	602.6	559.8	523.6	491.5	465.0	445.2	430.1
-27.5°	751.7	688.9	647.9	607.1	567.1	531.2	500.3	473.0	452.6	437.7	425.6
-30°	672.5	636.5	602.0	568.1	534.3	503.8	478.5	458.9	442.8	430.0	419.7
-32.5°	615.0	586.3	557.4	530.3	502.5	478.9	461.3	445.9	433.5	422.9	413.4
-35°	564.4	540.6	518.4	496.3	474.5	459.8	445.8	434.8	424.9	415.4	407.3
-37.5°	523.1	503.2	485.3	467.9	455.6	443.6	433.2	424.5	415.9	409.0	400.8
-40°	484.9	469.2	459.5	448.8	439.3	429.3	422.2	415.0	408.6	402.1	393.8
-42.5°	455.2	447.7	440.8	433.5	425.7	419.2	412.6	406.6	400.7	394.1	385.5
-45°	436.1	431.6	426.3	421.3	415.6	409.7	403.1	398.0	392.5	384.9	376.6
-47.5°	422.8	419.6	415.5	411.2	406.3	400.8	395.2	389.7	382.5	374.9	365.0
-50°	413.0	410.1	406.6	402.3	397.6	392.6	386.1	378.6	371.4	362.8	352.8
-52.5°	404.8	401.4	397.5	393.4	387.7	381.4	374.7	366.9	359.0	349.6	339.3
-55°	394.7	391.3	386.6	381.3	375.3	369.2	362.4	353.9	344.3	335.0	323.9
-57.5°	382.8	378.9	373.6	368.2	362.9	355.5	347.0	338.1	328.2	318.4	307.3
-60°	368.0	363.5	357.9	351.9	345.4	338.1	329.1	320.1	311.0	298.8	286.0
-62.5°	349.4	343.7	338.1	331.6	324.6	317.1	308.3	297.8	287.1	276.0	263.2
-65°	326.2	320.3	314.7	307.1	298.8	290.0	281.1	271.6	261.7	251.4	239.1
-67.5°	296.5	290.1	283.5	276.3	268.2	260.0	252.0	243.7	233.8	222.7	209.6
-70°	260.1	253.7	247.4	241.4	234.8	227.6	219.7	211.0	201.6	191.0	179.2
-72.5°	219.9	215.0	210.0	204.8	199.0	192.3	184.6	176.1	167.1	157.7	148.2
-75°	178.0	174.1	169.7	164.8	159.5	153.7	147.2	140.4	133.5	126.5	119.1
-77.5°	135.3	132.4	129.0	124.9	120.3	115.3	110.0	105.3	100.6	95.2	89.1
-80°	95.3	93.3	90.8	87.7	84.3	80.7	76.9	73.0	68.5	64.2	60.3
-82.5°	60.9	59.5	58.0	56.2	54.1	51.8	49.3	46.5	43.5	40.3	37.0
-85°	34.6	33.8	32.9	31.7	30.5	29.3	28.1	26.7	25.3	24.0	22.7
-87.5°	12.4	12.2	12.0	12.2	12.4	12.5	12.6	12.2	11.8	11.4	10.9
-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: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
85°	21.8	20.7	19.6	18.3	16.9	15.4	14.2	13.0	11.8	10.5	9.3
82.5°	34.4	32.8	31.3	29.7	28.2	26.4	24.3	21.8	18.8	15.9	13.9
80°	56.7	52.9	48.9	44.9	41.0	37.5	35.0	32.0	27.8	23.8	19.9
77.5°	82.3	75.6	69.1	63.4	57.4	52.0	47.0	42.2	36.7	31.5	26.5
75°	110.6	101.9	93.2	84.6	75.4	66.3	59.5	53.1	46.4	39.3	33.1
72.5°	138.7	128.6	117.8	106.6	96.0	85.2	74.1	64.0	56.4	48.4	40.0
70°	167.3	155.5	143.5	130.6	117.3	104.1	91.5	78.8	66.4	57.4	48.0
67.5°	195.9	182.0	168.3	154.1	139.1	124.0	108.9	94.2	80.1	66.4	56.0
65°	224.0	208.3	192.3	176.8	160.5	143.7	126.8	109.7	93.4	78.0	63.8
62.5°	249.6	234.5	217.1	199.5	181.7	163.3	144.3	125.6	106.6	89.3	72.9
60°	272.4	256.9	240.9	222.4	202.8	182.9	162.2	141.2	120.7	100.2	82.3
57.5°	292.9	278.2	261.6	243.8	223.7	202.2	179.9	157.1	134.5	112.1	91.4
55°	311.9	297.0	281.2	263.2	243.3	221.1	197.2	172.8	148.0	124.0	100.3
52.5°	327.4	314.1	298.5	281.2	261.1	239.1	214.2	188.0	161.7	135.6	110.4
50°	341.4	329.0	314.3	297.0	278.1	255.3	230.8	203.1	175.0	147.0	120.3
47.5°	354.1	342.1	328.2	311.8	292.4	270.9	245.6	217.9	187.9	158.4	129.9
45°	365.4	353.7	340.7	324.6	306.1	284.3	259.4	232.2	200.7	169.5	139.0
42.5°	375.7	364.0	351.3	337.2	318.0	296.7	272.6	244.4	213.2	180.1	148.0
40°	383.9	373.0	360.9	346.5	329.1	308.6	283.8	255.9	225.1	190.4	156.8
37.5°	391.6	380.8	368.8	355.3	339.1	318.4	294.4	266.9	235.9	200.3	165.3
35°	398.0	387.7	375.8	362.6	346.9	327.7	304.6	276.8	245.0	209.7	173.2
32.5°	404.0	393.8	381.7	368.6	354.2	336.4	313.2	285.2	253.5	218.5	180.7
30°	409.5	398.4	387.1	374.0	360.6	342.9	320.6	293.1	261.5	226.5	187.7
27.5°	414.1	402.5	391.9	378.7	365.1	348.8	327.2	300.3	268.9	233.6	194.2
25°	418.3	406.3	395.2	383.0	369.2	354.2	333.5	307.0	275.1	239.6	200.2
22.5°	422.0	409.8	398.1	386.9	372.8	359.2	338.6	312.0	280.5	245.0	205.6
20°	425.3	412.8	400.4	389.8	375.8	362.2	342.6	316.6	285.3	249.8	210.4
17.5°	428.3	415.4	402.7	391.5	378.4	364.7	346.3	320.7	289.5	254.1	214.6
15°	430.9	417.4	404.7	392.9	380.4	366.8	349.5	324.3	293.1	257.7	218.2
12.5°	433.1	418.8	406.3	394.0	382.0	368.5	352.4	327.3	296.1	260.7	221.2
10°	434.9	419.6	407.4	394.8	383.1	369.8	354.7	329.7	298.5	263.2	223.5
7.5°	436.1	419.8	408.1	395.2	383.9	370.8	356.1	331.4	300.3	265.0	225.3
5°	437.2	420.3	408.9	395.9	384.8	371.6	356.9	332.5	301.4	266.1	226.4
2.5°	439.2	421.9	409.6	396.4	385.3	372.1	357.2	332.9	301.9	266.7	227.0
0°	440.6	423.0	409.8	396.6	385.5	372.3	356.9	332.7	301.8	266.6	226.9
-2.5°	439.2	421.9	409.6	396.4	385.3	372.1	357.2	332.9	301.9	266.7	227.0
-5°	437.2	420.3	408.9	395.9	384.8	371.6	356.9	332.5	301.4	266.1	226.4
-7.5°	436.1	419.8	408.1	395.2	383.9	370.8	356.1	331.4	300.3	265.0	225.3
-10°	434.9	419.6	407.4	394.8	383.1	369.8	354.7	329.7	298.5	263.2	223.5
-12.5°	433.1	418.8	406.3	394.0	382.0	368.5	352.4	327.3	296.1	260.7	221.2
-15°	430.9	417.4	404.7	392.9	380.4	366.8	349.5	324.3	293.1	257.7	218.2
-17.5°	428.3	415.4	402.7	391.5	378.4	364.7	346.3	320.7	289.5	254.1	214.6
-20°	425.3	412.8	400.4	389.8	375.8	362.2	342.6	316.6	285.3	249.8	210.4



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	422.0	409.8	398.1	386.9	372.8	359.2	338.6	312.0	280.5	245.0	205.6
-25°	418.3	406.3	395.2	383.0	369.2	354.2	333.5	307.0	275.1	239.6	200.2
-27.5°	414.1	402.5	391.9	378.7	365.1	348.8	327.2	300.3	268.9	233.6	194.2
-30°	409.5	398.4	387.1	374.0	360.6	342.9	320.6	293.1	261.5	226.5	187.7
-32.5°	404.0	393.8	381.7	368.6	354.2	336.4	313.2	285.2	253.5	218.5	180.7
-35°	398.0	387.7	375.8	362.6	346.9	327.7	304.6	276.8	245.0	209.7	173.2
-37.5°	391.6	380.8	368.8	355.3	339.1	318.4	294.4	266.9	235.9	200.3	165.3
-40°	383.9	373.0	360.9	346.5	329.1	308.6	283.8	255.9	225.1	190.4	156.8
-42.5°	375.7	364.0	351.3	337.2	318.0	296.7	272.6	244.4	213.2	180.1	148.0
-45°	365.4	353.7	340.7	324.6	306.1	284.3	259.4	232.2	200.7	169.5	139.0
-47.5°	354.1	342.1	328.2	311.8	292.4	270.9	245.6	217.9	187.9	158.4	129.9
-50°	341.4	329.0	314.3	297.0	278.1	255.3	230.8	203.1	175.0	147.0	120.3
-52.5°	327.4	314.1	298.5	281.2	261.1	239.1	214.2	188.0	161.7	135.6	110.4
-55°	311.9	297.0	281.2	263.2	243.3	221.1	197.2	172.8	148.0	124.0	100.3
-57.5°	292.9	278.2	261.6	243.8	223.7	202.2	179.9	157.1	134.5	112.1	91.4
-60°	272.4	256.9	240.9	222.4	202.8	182.9	162.2	141.2	120.7	100.2	82.3
-62.5°	249.6	234.5	217.1	199.5	181.7	163.3	144.3	125.6	106.6	89.3	72.9
-65°	224.0	208.3	192.3	176.8	160.5	143.7	126.8	109.7	93.4	78.0	63.8
-67.5°	195.9	182.0	168.3	154.1	139.1	124.0	108.9	94.2	80.1	66.4	56.0
-70°	167.3	155.5	143.5	130.6	117.3	104.1	91.5	78.8	66.4	57.4	48.0
-72.5°	138.7	128.6	117.8	106.6	96.0	85.2	74.1	64.0	56.4	48.4	40.0
-75°	110.6	101.9	93.2	84.6	75.4	66.3	59.5	53.1	46.4	39.3	33.1
-77.5°	82.3	75.6	69.1	63.4	57.4	52.0	47.0	42.2	36.7	31.5	26.5
-80°	56.7	52.9	48.9	44.9	41.0	37.5	35.0	32.0	27.8	23.8	19.9
-82.5°	34.4	32.8	31.3	29.7	28.2	26.4	24.3	21.8	18.8	15.9	13.9
-85°	21.8	20.7	19.6	18.3	16.9	15.4	14.2	13.0	11.8	10.5	9.3
-87.5°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
-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: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	4.0	3.5	2.9	2.2	1.5	0.8	0.0
85°	8.0	6.9	5.7	4.4	3.1	1.5	0.0
82.5°	11.9	10.3	8.6	6.7	4.6	2.3	0.0
80°	16.1	13.8	11.4	8.9	6.1	3.1	0.0
77.5°	21.8	17.6	14.3	11.1	7.6	3.8	0.0
75°	27.4	22.3	17.2	13.2	9.1	4.6	0.0
72.5°	32.9	27.0	21.0	15.4	10.6	5.3	0.0
70°	38.6	31.5	24.6	17.7	12.0	6.0	0.0
67.5°	45.5	36.1	28.2	20.4	13.5	6.7	0.0
65°	52.3	41.1	31.8	23.1	14.9	7.4	0.0
62.5°	58.9	46.5	35.3	25.7	16.2	8.1	0.0
60°	65.4	51.8	38.7	28.2	17.6	8.8	0.0
57.5°	73.1	57.0	42.8	30.8	19.2	9.5	0.0
55°	80.7	62.0	46.8	33.2	20.8	10.1	0.0
52.5°	88.1	67.1	50.6	35.6	22.4	10.7	0.0
50°	95.3	73.1	54.3	37.9	23.9	11.3	0.0
47.5°	102.5	78.9	57.9	40.2	25.3	11.9	0.0
45°	110.2	84.5	61.3	42.8	26.7	12.4	0.0
42.5°	117.7	89.8	64.6	45.2	28.1	13.0	0.0
40°	124.7	94.9	68.1	47.5	29.3	13.5	0.0
37.5°	131.4	99.7	72.0	49.6	30.5	14.0	0.0
35°	137.6	104.7	75.6	51.6	31.7	14.4	0.0
32.5°	143.6	109.6	79.1	53.4	32.8	14.8	0.0
30°	149.6	114.2	82.3	55.1	33.8	15.2	0.0
27.5°	155.1	118.3	85.2	56.7	34.7	15.6	0.0
25°	160.1	122.2	87.9	58.1	35.5	16.0	0.0
22.5°	164.7	125.7	90.3	59.3	36.3	16.3	0.0
20°	168.9	128.9	92.6	60.4	37.0	16.5	0.0
17.5°	172.6	131.7	94.6	61.4	37.6	16.8	0.0
15°	175.9	134.1	96.3	62.2	38.2	17.0	0.0
12.5°	178.7	136.2	97.8	62.8	38.6	17.2	0.0
10°	181.0	137.9	99.1	63.3	39.0	17.3	0.0
7.5°	182.8	139.3	100.0	63.7	39.3	17.4	0.0
5°	184.1	140.2	100.7	63.9	39.5	17.5	0.0
2.5°	184.8	140.8	101.2	64.0	39.7	17.6	0.0
0°	185.1	141.0	101.3	63.9	39.7	17.6	0.0
-2.5°	184.8	140.8	101.2	64.0	39.7	17.6	0.0
-5°	184.1	140.2	100.7	63.9	39.5	17.5	0.0
-7.5°	182.8	139.3	100.0	63.7	39.3	17.4	0.0
-10°	181.0	137.9	99.1	63.3	39.0	17.3	0.0
-12.5°	178.7	136.2	97.8	62.8	38.6	17.2	0.0
-15°	175.9	134.1	96.3	62.2	38.2	17.0	0.0
-17.5°	172.6	131.7	94.6	61.4	37.6	16.8	0.0
-20°	168.9	128.9	92.6	60.4	37.0	16.5	0.0



REPORT NUMBER: P559168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.7	125.7	90.3	59.3	36.3	16.3	0.0
-25°	160.1	122.2	87.9	58.1	35.5	16.0	0.0
-27.5°	155.1	118.3	85.2	56.7	34.7	15.6	0.0
-30°	149.6	114.2	82.3	55.1	33.8	15.2	0.0
-32.5°	143.6	109.6	79.1	53.4	32.8	14.8	0.0
-35°	137.6	104.7	75.6	51.6	31.7	14.4	0.0
-37.5°	131.4	99.7	72.0	49.6	30.5	14.0	0.0
-40°	124.7	94.9	68.1	47.5	29.3	13.5	0.0
-42.5°	117.7	89.8	64.6	45.2	28.1	13.0	0.0
-45°	110.2	84.5	61.3	42.8	26.7	12.4	0.0
-47.5°	102.5	78.9	57.9	40.2	25.3	11.9	0.0
-50°	95.3	73.1	54.3	37.9	23.9	11.3	0.0
-52.5°	88.1	67.1	50.6	35.6	22.4	10.7	0.0
-55°	80.7	62.0	46.8	33.2	20.8	10.1	0.0
-57.5°	73.1	57.0	42.8	30.8	19.2	9.5	0.0
-60°	65.4	51.8	38.7	28.2	17.6	8.8	0.0
-62.5°	58.9	46.5	35.3	25.7	16.2	8.1	0.0
-65°	52.3	41.1	31.8	23.1	14.9	7.4	0.0
-67.5°	45.5	36.1	28.2	20.4	13.5	6.7	0.0
-70°	38.6	31.5	24.6	17.7	12.0	6.0	0.0
-72.5°	32.9	27.0	21.0	15.4	10.6	5.3	0.0
-75°	27.4	22.3	17.2	13.2	9.1	4.6	0.0
-77.5°	21.8	17.6	14.3	11.1	7.6	3.8	0.0
-80°	16.1	13.8	11.4	8.9	6.1	3.1	0.0
-82.5°	11.9	10.3	8.6	6.7	4.6	2.3	0.0
-85°	8.0	6.9	5.7	4.4	3.1	1.5	0.0
-87.5°	4.0	3.5	2.9	2.2	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)