

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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559232 (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-SA6E-927-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

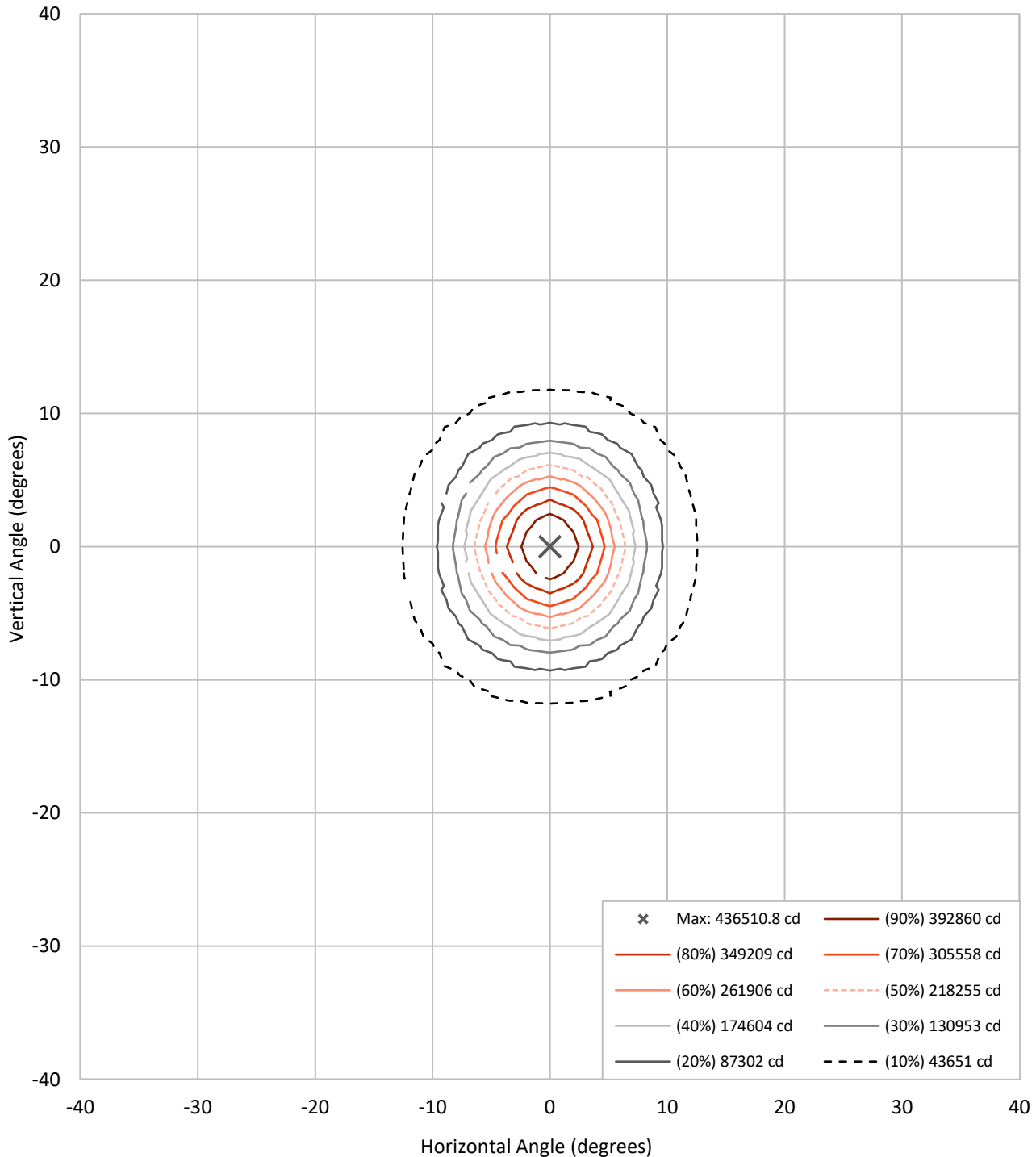
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	31641.3 lumens	Max Intensity:	436510.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	9998.1 lumens	Field Lumens:	22149.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 368
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-SA6E-927-U-TS-XX

Iso-Candela Plot





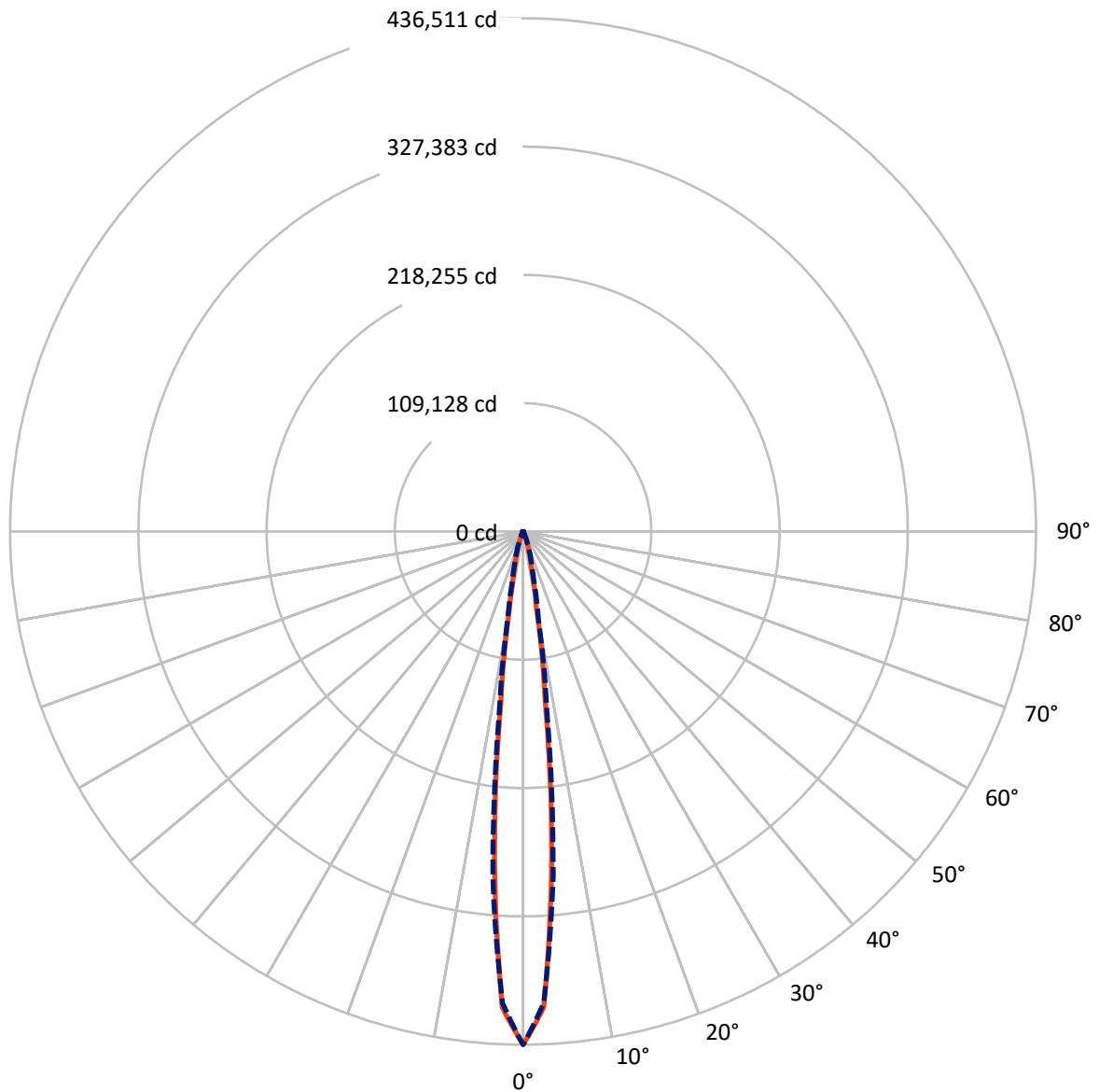
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 CATALOG NUMBER: GFLD-SA6E-927-U-TS-XX

Lumen Table

90	0.4		3.7		10.1		16.4		18.9		16.4		10.1		3.7		0.4		
80	0.4		3.7		10.1		16.4		18.9		16.4		10.1		3.7		0.4		
70	1.7	1.9	4.1	6.8	9.3	11.4	13.0	13.8	13.8	13.0	11.4	9.3	6.8	4.1	1.9	1.7			
60		3.0	6.1	9.2	12.0	14.1	15.5	16.1	16.1	15.5	14.1	12.0	9.2	6.1	3.0				
50	3.1	4.0	7.5	10.7	13.4	15.8	17.6	18.5	18.5	17.6	15.8	13.4	10.7	7.5	4.0	3.1			
40		4.7	8.4	11.7	15.0	19.3	24.2	27.2	27.2	24.2	19.3	15.0	11.7	8.4	4.7				
30	4.1	5.2	8.9	12.4	17.6	27.3	60.7	110.4	110.4	60.7	27.3	17.6	12.4	8.9	5.2	4.1			
20		5.5	9.2	13.1	20.9	58.8	331.8	729.9	729.9	331.8	58.8	20.9	13.1	9.2	5.5				
10	4.4	5.7	9.2	13.5	23.1	112.7	796.5	5152.4	5152.4	796.5	112.7	23.1	13.5	9.2	5.7	4.4			
0		5.7	9.2	13.5	23.1	112.7	796.5	5152.4	5152.4	796.5	112.7	23.1	13.5	9.2	5.7				
-10	4.1	5.5	9.2	13.1	20.9	58.8	331.8	729.9	729.9	331.8	58.8	20.9	13.1	9.2	5.5	4.1			
-20		5.2	8.9	12.4	17.6	27.3	60.7	110.4	110.4	60.7	27.3	17.6	12.4	8.9	5.2				
-30	3.1	4.7	8.4	11.7	15.0	19.3	24.2	27.2	27.2	24.2	19.3	15.0	11.7	8.4	4.7	3.1			
-40		4.0	7.5	10.7	13.4	15.8	17.6	18.5	18.5	17.6	15.8	13.4	10.7	7.5	4.0				
-50	1.7	3.0	6.1	9.2	12.0	14.1	15.5	16.1	16.1	15.5	14.1	12.0	9.2	6.1	3.0	1.7			
-60		1.9	4.1	6.8	9.3	11.4	13.0	13.8	13.8	13.0	11.4	9.3	6.8	4.1	1.9				
-70	0.4		3.7		10.1		16.4		18.9		16.4		10.1		3.7		0.4		
-80	0.4		3.7		10.1		16.4		18.9		16.4		10.1		3.7		0.4		
-90	0.4		3.7		10.1		16.4		18.9		16.4		10.1		3.7		0.4		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-927-U-TS-XX

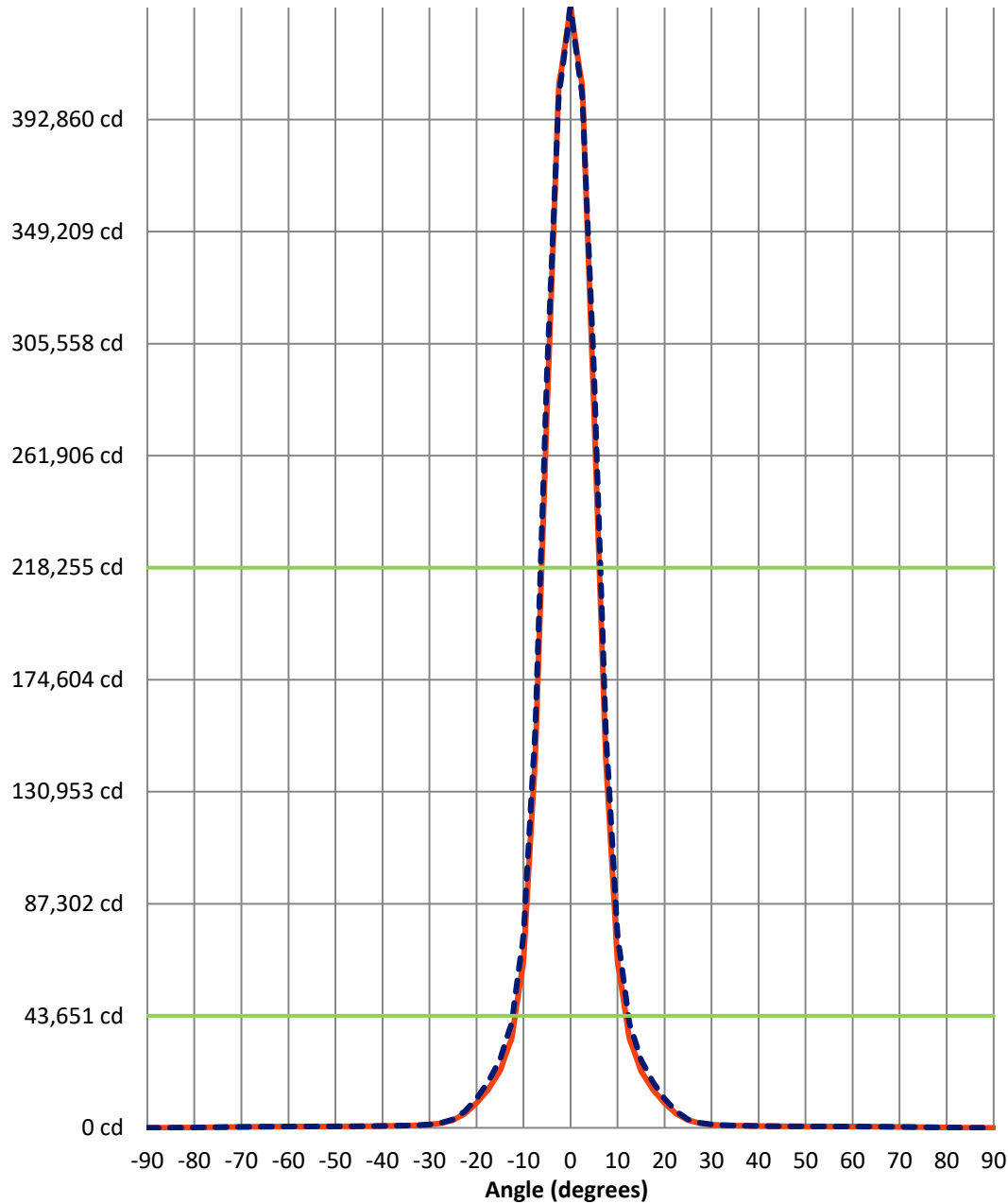
Luminous Intensity Polar Plot



— 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: 9998.1
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 22149.3
Efficiency: 70.0%

Spill:
Lumens: 9492
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	1.0	2.0	3.0	3.8	4.6	5.3	6.2	7.0	7.9	8.7
85°	0.0	2.0	4.1	5.9	7.7	9.2	10.7	12.4	14.1	15.7	17.4
82.5°	0.0	3.1	6.1	8.9	11.5	13.8	16.0	18.5	21.3	25.2	29.1
80°	0.0	4.1	8.2	11.8	15.3	18.4	21.6	26.5	31.7	37.1	42.6
77.5°	0.0	5.1	10.2	14.8	19.1	23.6	29.1	35.4	42.0	48.9	56.3
75°	0.0	6.1	12.2	17.7	23.0	29.8	36.5	44.1	52.4	61.9	70.9
72.5°	0.0	7.1	14.1	20.6	28.0	36.0	43.9	53.3	64.6	75.2	85.4
70°	0.0	8.0	16.1	23.6	32.9	42.1	51.4	64.1	76.6	88.6	105.1
67.5°	0.0	9.0	18.0	27.2	37.7	48.1	60.7	74.7	88.6	106.8	125.7
65°	0.0	9.9	19.8	30.8	42.4	54.7	69.7	85.2	104.1	124.6	146.3
62.5°	0.0	10.8	21.7	34.3	47.1	62.0	78.6	97.3	119.1	142.2	167.6
60°	0.0	11.7	23.5	37.7	51.6	69.1	87.2	109.8	133.7	161.0	188.4
57.5°	0.0	12.6	25.7	41.0	57.0	76.1	97.5	122.0	149.6	179.4	209.5
55°	0.0	13.5	27.8	44.3	62.3	82.8	107.7	133.9	165.5	197.4	230.4
52.5°	0.0	14.3	29.9	47.4	67.5	89.5	117.6	147.4	180.9	215.7	250.8
50°	0.0	15.1	31.9	50.5	72.4	97.5	127.2	160.6	196.0	233.5	270.9
47.5°	0.0	15.9	33.8	53.6	77.2	105.3	136.7	173.2	211.2	250.6	290.6
45°	0.0	16.6	35.7	57.0	81.8	112.7	147.1	185.4	226.0	267.7	309.7
42.5°	0.0	17.3	37.4	60.3	86.1	119.8	157.0	197.4	240.2	284.3	326.1
40°	0.0	18.0	39.1	63.3	90.9	126.6	166.4	209.2	253.9	300.3	341.4
37.5°	0.0	18.6	40.7	66.1	96.1	133.1	175.2	220.4	267.2	314.7	356.0
35°	0.0	19.2	42.2	68.8	100.9	139.7	183.6	231.0	279.7	326.8	369.2
32.5°	0.0	19.8	43.7	71.2	105.5	146.3	191.6	240.9	291.4	338.2	380.4
30°	0.0	20.3	45.0	73.5	109.8	152.3	199.5	250.3	302.2	348.8	390.9
27.5°	0.0	20.8	46.2	75.6	113.7	157.9	206.8	259.0	311.7	358.6	400.6
25°	0.0	21.3	47.4	77.4	117.3	163.0	213.6	267.0	319.6	366.9	409.5
22.5°	0.0	21.7	48.4	79.1	120.5	167.7	219.7	274.2	326.8	374.1	416.2
20°	0.0	22.1	49.3	80.6	123.5	171.9	225.2	280.6	333.2	380.5	422.3
17.5°	0.0	22.4	50.2	81.9	126.2	175.7	230.1	286.2	338.9	386.2	427.7
15°	0.0	22.7	50.9	82.9	128.5	178.9	234.5	291.0	343.7	391.0	432.5
12.5°	0.0	22.9	51.5	83.8	130.5	181.7	238.3	295.0	347.8	395.0	436.6
10°	0.0	23.1	52.0	84.5	132.2	184.0	241.3	298.2	351.0	398.2	439.8
7.5°	0.0	23.3	52.4	84.9	133.5	185.8	243.7	300.5	353.4	400.6	442.0
5°	0.0	23.4	52.7	85.2	134.4	187.1	245.4	302.1	355.0	402.1	443.4
2.5°	0.0	23.5	52.8	85.3	135.0	187.8	246.5	302.8	355.7	402.8	444.0
0°	0.0	23.5	52.9	85.2	135.2	188.1	246.8	302.7	355.6	402.6	443.7
-2.5°	0.0	23.5	52.8	85.3	135.0	187.8	246.5	302.8	355.7	402.8	444.0
-5°	0.0	23.4	52.7	85.2	134.4	187.1	245.4	302.1	355.0	402.1	443.4
-7.5°	0.0	23.3	52.4	84.9	133.5	185.8	243.7	300.5	353.4	400.6	442.0
-10°	0.0	23.1	52.0	84.5	132.2	184.0	241.3	298.2	351.0	398.2	439.8
-12.5°	0.0	22.9	51.5	83.8	130.5	181.7	238.3	295.0	347.8	395.0	436.6
-15°	0.0	22.7	50.9	82.9	128.5	178.9	234.5	291.0	343.7	391.0	432.5
-17.5°	0.0	22.4	50.2	81.9	126.2	175.7	230.1	286.2	338.9	386.2	427.7
-20°	0.0	22.1	49.3	80.6	123.5	171.9	225.2	280.6	333.2	380.5	422.3



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 CATALOG NUMBER: GFLD-SA6E-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	21.7	48.4	79.1	120.5	167.7	219.7	274.2	326.8	374.1	416.2
-25°	0.0	21.3	47.4	77.4	117.3	163.0	213.6	267.0	319.6	366.9	409.5
-27.5°	0.0	20.8	46.2	75.6	113.7	157.9	206.8	259.0	311.7	358.6	400.6
-30°	0.0	20.3	45.0	73.5	109.8	152.3	199.5	250.3	302.2	348.8	390.9
-32.5°	0.0	19.8	43.7	71.2	105.5	146.3	191.6	240.9	291.4	338.2	380.4
-35°	0.0	19.2	42.2	68.8	100.9	139.7	183.6	231.0	279.7	326.8	369.2
-37.5°	0.0	18.6	40.7	66.1	96.1	133.1	175.2	220.4	267.2	314.7	356.0
-40°	0.0	18.0	39.1	63.3	90.9	126.6	166.4	209.2	253.9	300.3	341.4
-42.5°	0.0	17.3	37.4	60.3	86.1	119.8	157.0	197.4	240.2	284.3	326.1
-45°	0.0	16.6	35.7	57.0	81.8	112.7	147.1	185.4	226.0	267.7	309.7
-47.5°	0.0	15.9	33.8	53.6	77.2	105.3	136.7	173.2	211.2	250.6	290.6
-50°	0.0	15.1	31.9	50.5	72.4	97.5	127.2	160.6	196.0	233.5	270.9
-52.5°	0.0	14.3	29.9	47.4	67.5	89.5	117.6	147.4	180.9	215.7	250.8
-55°	0.0	13.5	27.8	44.3	62.3	82.8	107.7	133.9	165.5	197.4	230.4
-57.5°	0.0	12.6	25.7	41.0	57.0	76.1	97.5	122.0	149.6	179.4	209.5
-60°	0.0	11.7	23.5	37.7	51.6	69.1	87.2	109.8	133.7	161.0	188.4
-62.5°	0.0	10.8	21.7	34.3	47.1	62.0	78.6	97.3	119.1	142.2	167.6
-65°	0.0	9.9	19.8	30.8	42.4	54.7	69.7	85.2	104.1	124.6	146.3
-67.5°	0.0	9.0	18.0	27.2	37.7	48.1	60.7	74.7	88.6	106.8	125.7
-70°	0.0	8.0	16.1	23.6	32.9	42.1	51.4	64.1	76.6	88.6	105.1
-72.5°	0.0	7.1	14.1	20.6	28.0	36.0	43.9	53.3	64.6	75.2	85.4
-75°	0.0	6.1	12.2	17.7	23.0	29.8	36.5	44.1	52.4	61.9	70.9
-77.5°	0.0	5.1	10.2	14.8	19.1	23.6	29.1	35.4	42.0	48.9	56.3
-80°	0.0	4.1	8.2	11.8	15.3	18.4	21.6	26.5	31.7	37.1	42.6
-82.5°	0.0	3.1	6.1	8.9	11.5	13.8	16.0	18.5	21.3	25.2	29.1
-85°	0.0	2.0	4.1	5.9	7.7	9.2	10.7	12.4	14.1	15.7	17.4
-87.5°	0.0	1.0	2.0	3.0	3.8	4.6	5.3	6.2	7.0	7.9	8.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
85°	19.0	20.6	22.7	24.5	26.2	27.7	29.1	30.3	32.1	33.8	35.6
82.5°	32.4	35.2	37.6	39.6	41.8	43.7	45.9	49.4	53.8	58.1	62.1
80°	46.7	49.9	54.6	59.8	65.2	70.5	75.6	80.4	85.7	91.4	97.3
77.5°	62.6	69.3	76.6	84.5	92.1	100.9	109.8	118.8	127.0	134.1	140.5
75°	79.3	88.4	100.6	112.8	124.3	135.8	147.5	158.9	168.8	178.0	187.3
72.5°	98.8	113.6	128.1	142.2	157.2	171.5	185.0	197.8	210.4	223.0	234.9
70°	122.1	138.9	156.4	174.1	191.5	207.4	223.2	239.1	254.8	268.9	281.5
67.5°	145.3	165.4	185.6	205.6	224.6	242.8	261.3	279.6	297.1	311.9	325.1
65°	169.2	191.6	214.2	235.9	256.5	277.9	298.7	318.9	335.4	349.1	362.3
62.5°	192.5	217.9	242.4	266.1	289.6	312.9	333.0	351.1	368.2	383.0	397.3
60°	216.4	244.0	270.5	296.7	321.4	342.7	363.3	381.5	398.5	414.8	427.0
57.5°	240.0	269.7	298.5	325.3	349.0	371.0	390.7	409.9	424.7	437.8	451.0
55°	263.1	294.9	324.5	351.0	375.0	396.1	416.1	432.1	446.9	459.2	472.1
52.5°	285.7	319.0	348.3	375.0	398.2	419.0	436.7	452.5	466.3	478.9	489.5
50°	307.9	340.5	370.9	396.1	419.2	438.8	455.4	470.6	484.0	495.5	505.0
47.5°	327.6	361.3	390.0	415.9	437.7	456.3	472.3	486.9	500.1	510.3	519.7
45°	346.0	379.2	408.4	433.0	454.4	471.9	487.4	502.4	513.4	523.5	530.8
42.5°	363.6	395.7	424.2	449.7	468.5	485.5	501.2	514.2	525.6	534.4	542.2
40°	378.6	411.7	439.0	462.1	481.5	497.6	512.1	525.2	536.4	545.0	553.5
37.5°	392.7	424.7	452.3	473.9	492.0	507.9	522.4	534.5	545.5	554.7	566.2
35°	406.3	437.0	462.7	483.7	501.3	517.1	530.9	543.3	554.1	566.7	580.1
32.5°	417.8	448.7	472.5	491.7	509.1	525.2	538.8	551.4	564.0	578.3	594.8
30°	427.6	457.3	481.0	499.0	516.3	531.4	546.2	559.7	573.6	590.7	612.1
27.5°	436.5	465.2	487.1	505.2	522.6	536.9	552.3	567.7	583.9	603.8	630.8
25°	444.8	472.4	492.5	510.9	527.1	541.9	557.9	573.7	593.9	620.2	655.6
22.5°	451.6	479.1	497.3	516.0	530.9	546.6	562.9	580.7	603.4	635.3	681.7
20°	457.0	483.1	501.3	519.9	534.0	550.7	567.3	586.7	613.9	655.4	709.1
17.5°	461.9	486.5	504.7	522.2	537.1	554.2	571.3	591.4	622.5	674.2	734.3
15°	466.2	489.3	507.5	524.1	539.8	556.8	574.8	597.8	634.0	692.3	757.1
12.5°	470.0	491.5	509.6	525.5	541.9	558.6	577.8	603.2	646.2	709.2	779.6
10°	473.2	493.2	511.1	526.6	543.4	559.6	580.1	606.8	654.9	718.7	793.1
7.5°	475.1	494.6	512.1	527.1	544.4	559.9	581.8	608.6	660.3	723.8	800.3
5°	476.1	495.7	513.3	528.1	545.4	560.7	583.2	608.9	662.5	724.8	803.0
2.5°	476.5	496.4	514.1	528.8	546.3	562.7	585.9	612.1	664.5	728.3	804.9
0°	476.1	496.6	514.3	529.0	546.6	564.2	587.7	614.2	664.1	731.7	805.2
-2.5°	476.5	496.4	514.1	528.8	546.3	562.7	585.9	612.1	664.5	728.3	804.9
-5°	476.1	495.7	513.3	528.1	545.4	560.7	583.2	608.9	662.5	724.8	803.0
-7.5°	475.1	494.6	512.1	527.1	544.4	559.9	581.8	608.6	660.3	723.8	800.3
-10°	473.2	493.2	511.1	526.6	543.4	559.6	580.1	606.8	654.9	718.7	793.1
-12.5°	470.0	491.5	509.6	525.5	541.9	558.6	577.8	603.2	646.2	709.2	779.6
-15°	466.2	489.3	507.5	524.1	539.8	556.8	574.8	597.8	634.0	692.3	757.1
-17.5°	461.9	486.5	504.7	522.2	537.1	554.2	571.3	591.4	622.5	674.2	734.3
-20°	457.0	483.1	501.3	519.9	534.0	550.7	567.3	586.7	613.9	655.4	709.1



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	451.6	479.1	497.3	516.0	530.9	546.6	562.9	580.7	603.4	635.3	681.7
-25°	444.8	472.4	492.5	510.9	527.1	541.9	557.9	573.7	593.9	620.2	655.6
-27.5°	436.5	465.2	487.1	505.2	522.6	536.9	552.3	567.7	583.9	603.8	630.8
-30°	427.6	457.3	481.0	499.0	516.3	531.4	546.2	559.7	573.6	590.7	612.1
-32.5°	417.8	448.7	472.5	491.7	509.1	525.2	538.8	551.4	564.0	578.3	594.8
-35°	406.3	437.0	462.7	483.7	501.3	517.1	530.9	543.3	554.1	566.7	580.1
-37.5°	392.7	424.7	452.3	473.9	492.0	507.9	522.4	534.5	545.5	554.7	566.2
-40°	378.6	411.7	439.0	462.1	481.5	497.6	512.1	525.2	536.4	545.0	553.5
-42.5°	363.6	395.7	424.2	449.7	468.5	485.5	501.2	514.2	525.6	534.4	542.2
-45°	346.0	379.2	408.4	433.0	454.4	471.9	487.4	502.4	513.4	523.5	530.8
-47.5°	327.6	361.3	390.0	415.9	437.7	456.3	472.3	486.9	500.1	510.3	519.7
-50°	307.9	340.5	370.9	396.1	419.2	438.8	455.4	470.6	484.0	495.5	505.0
-52.5°	285.7	319.0	348.3	375.0	398.2	419.0	436.7	452.5	466.3	478.9	489.5
-55°	263.1	294.9	324.5	351.0	375.0	396.1	416.1	432.1	446.9	459.2	472.1
-57.5°	240.0	269.7	298.5	325.3	349.0	371.0	390.7	409.9	424.7	437.8	451.0
-60°	216.4	244.0	270.5	296.7	321.4	342.7	363.3	381.5	398.5	414.8	427.0
-62.5°	192.5	217.9	242.4	266.1	289.6	312.9	333.0	351.1	368.2	383.0	397.3
-65°	169.2	191.6	214.2	235.9	256.5	277.9	298.7	318.9	335.4	349.1	362.3
-67.5°	145.3	165.4	185.6	205.6	224.6	242.8	261.3	279.6	297.1	311.9	325.1
-70°	122.1	138.9	156.4	174.1	191.5	207.4	223.2	239.1	254.8	268.9	281.5
-72.5°	98.8	113.6	128.1	142.2	157.2	171.5	185.0	197.8	210.4	223.0	234.9
-75°	79.3	88.4	100.6	112.8	124.3	135.8	147.5	158.9	168.8	178.0	187.3
-77.5°	62.6	69.3	76.6	84.5	92.1	100.9	109.8	118.8	127.0	134.1	140.5
-80°	46.7	49.9	54.6	59.8	65.2	70.5	75.6	80.4	85.7	91.4	97.3
-82.5°	32.4	35.2	37.6	39.6	41.8	43.7	45.9	49.4	53.8	58.1	62.1
-85°	19.0	20.6	22.7	24.5	26.2	27.7	29.1	30.3	32.1	33.8	35.6
-87.5°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
-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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	16.9	16.7	16.5	16.3	16.0	16.3	16.5	16.8	17.0	17.2	17.3
85°	37.4	39.0	40.6	42.2	43.9	45.1	46.1	47.0	47.8	48.5	49.0
82.5°	65.7	69.1	72.1	74.9	77.4	79.4	81.3	82.9	84.3	85.5	86.4
80°	102.6	107.7	112.5	117.0	121.1	124.4	127.1	129.4	131.3	133.3	135.0
77.5°	146.7	153.8	160.5	166.6	172.0	176.5	180.5	183.9	186.8	190.4	193.6
75°	196.4	205.0	212.7	219.9	226.3	232.2	237.4	242.0	245.9	249.7	253.0
72.5°	246.2	256.5	265.5	273.1	280.0	286.7	293.3	299.4	305.0	309.3	312.4
70°	293.1	303.7	313.3	322.0	330.1	338.4	346.9	354.8	362.0	366.6	369.2
67.5°	336.1	346.9	357.8	368.6	378.2	387.0	395.5	403.3	410.2	415.0	417.9
65°	375.0	386.9	398.6	409.7	419.9	427.3	435.1	442.4	449.3	454.8	458.9
62.5°	411.2	423.0	433.0	442.3	451.0	458.5	466.0	472.8	478.7	484.0	488.9
60°	439.0	450.9	460.6	469.3	477.4	484.8	490.8	495.9	499.9	503.2	506.3
57.5°	462.9	474.2	484.0	491.2	498.4	505.5	510.6	513.8	516.2	518.0	519.3
55°	483.4	492.5	500.7	508.6	515.7	521.8	526.4	528.4	529.8	530.4	531.1
52.5°	499.8	508.7	517.2	524.7	530.2	535.4	539.9	541.1	541.8	542.1	542.2
50°	514.9	523.6	530.3	536.6	542.3	547.0	550.9	552.7	553.7	553.9	553.3
47.5°	527.0	534.5	541.9	548.5	554.2	559.7	564.0	566.5	568.3	569.1	569.0
45°	537.7	546.5	554.3	562.0	568.6	575.7	581.7	585.8	589.9	592.8	594.2
42.5°	550.4	559.2	567.8	578.3	588.0	597.1	607.1	615.9	625.1	634.8	641.4
40°	563.2	572.7	586.0	598.7	612.9	625.7	646.7	667.7	683.7	697.2	709.5
37.5°	577.8	591.7	607.7	624.0	647.2	671.2	697.7	723.7	746.4	766.8	783.3
35°	594.7	613.3	633.0	662.0	691.4	721.1	752.7	787.4	816.7	838.2	853.6
32.5°	615.3	638.8	670.3	707.3	743.5	781.9	820.3	858.8	887.7	917.6	947.6
30°	638.1	672.0	712.7	757.8	803.0	848.9	897.0	950.5	1001.3	1056.1	1134.3
27.5°	667.3	708.6	756.4	809.7	864.2	918.8	1002.7	1094.5	1230.9	1339.8	1524.5
25°	698.5	746.7	803.7	865.5	932.0	1030.1	1183.4	1364.6	1685.8	1935.0	2312.9
22.5°	733.2	790.0	853.0	923.9	1031.3	1216.1	1478.4	1943.8	2591.5	3231.2	3942.5
20°	767.5	830.3	899.3	1006.7	1189.0	1481.4	2049.4	3055.8	4179.8	5780.1	7123.3
17.5°	800.0	866.7	954.2	1099.5	1372.5	1960.4	3060.6	4784.5	7132.1	9711.7	11862.9
15°	828.4	896.6	1014.5	1244.6	1705.8	2621.5	4282.9	7216.7	11161.1	14693.1	17843.3
12.5°	852.5	933.3	1079.8	1361.8	1995.3	3350.7	6015.8	10181.7	14998.5	19951.8	23938.5
10°	870.0	972.2	1167.1	1578.6	2455.3	4218.6	7460.1	12715.1	18514.7	24535.1	31742.0
7.5°	880.6	1000.0	1233.4	1739.6	2865.5	5184.9	9271.9	14976.9	21636.9	29855.5	40866.7
5°	888.2	1018.8	1282.5	1860.8	3139.6	5823.6	10415.9	16690.6	24330.9	36214.4	58876.3
2.5°	891.9	1027.2	1310.3	1927.3	3264.5	6152.1	11220.9	17671.9	25970.1	40700.3	71352.3
0°	890.4	1022.6	1313.6	1942.4	3282.4	6403.2	11354.8	17952.0	26523.9	41102.4	75352.0
-2.5°	891.9	1027.2	1310.3	1927.3	3264.5	6152.1	11220.9	17671.9	25970.1	40700.3	71352.3
-5°	888.2	1018.8	1282.5	1860.8	3139.6	5823.6	10415.9	16690.6	24330.9	36214.4	58876.3
-7.5°	880.6	1000.0	1233.4	1739.6	2865.5	5184.9	9271.9	14976.9	21636.9	29855.5	40866.7
-10°	870.0	972.2	1167.1	1578.6	2455.3	4218.6	7460.1	12715.1	18514.7	24535.1	31742.0
-12.5°	852.5	933.3	1079.8	1361.8	1995.3	3350.7	6015.8	10181.7	14998.5	19951.8	23938.5
-15°	828.4	896.6	1014.5	1244.6	1705.8	2621.5	4282.9	7216.7	11161.1	14693.1	17843.3
-17.5°	800.0	866.7	954.2	1099.5	1372.5	1960.4	3060.6	4784.5	7132.1	9711.7	11862.9
-20°	767.5	830.3	899.3	1006.7	1189.0	1481.4	2049.4	3055.8	4179.8	5780.1	7123.3



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	733.2	790.0	853.0	923.9	1031.3	1216.1	1478.4	1943.8	2591.5	3231.2	3942.5
-25°	698.5	746.7	803.7	865.5	932.0	1030.1	1183.4	1364.6	1685.8	1935.0	2312.9
-27.5°	667.3	708.6	756.4	809.7	864.2	918.8	1002.7	1094.5	1230.9	1339.8	1524.5
-30°	638.1	672.0	712.7	757.8	803.0	848.9	897.0	950.5	1001.3	1056.1	1134.3
-32.5°	615.3	638.8	670.3	707.3	743.5	781.9	820.3	858.8	887.7	917.6	947.6
-35°	594.7	613.3	633.0	662.0	691.4	721.1	752.7	787.4	816.7	838.2	853.6
-37.5°	577.8	591.7	607.7	624.0	647.2	671.2	697.7	723.7	746.4	766.8	783.3
-40°	563.2	572.7	586.0	598.7	612.9	625.7	646.7	667.7	683.7	697.2	709.5
-42.5°	550.4	559.2	567.8	578.3	588.0	597.1	607.1	615.9	625.1	634.8	641.4
-45°	537.7	546.5	554.3	562.0	568.6	575.7	581.7	585.8	589.9	592.8	594.2
-47.5°	527.0	534.5	541.9	548.5	554.2	559.7	564.0	566.5	568.3	569.1	569.0
-50°	514.9	523.6	530.3	536.6	542.3	547.0	550.9	552.7	553.7	553.9	553.3
-52.5°	499.8	508.7	517.2	524.7	530.2	535.4	539.9	541.1	541.8	542.1	542.2
-55°	483.4	492.5	500.7	508.6	515.7	521.8	526.4	528.4	529.8	530.4	531.1
-57.5°	462.9	474.2	484.0	491.2	498.4	505.5	510.6	513.8	516.2	518.0	519.3
-60°	439.0	450.9	460.6	469.3	477.4	484.8	490.8	495.9	499.9	503.2	506.3
-62.5°	411.2	423.0	433.0	442.3	451.0	458.5	466.0	472.8	478.7	484.0	488.9
-65°	375.0	386.9	398.6	409.7	419.9	427.3	435.1	442.4	449.3	454.8	458.9
-67.5°	336.1	346.9	357.8	368.6	378.2	387.0	395.5	403.3	410.2	415.0	417.9
-70°	293.1	303.7	313.3	322.0	330.1	338.4	346.9	354.8	362.0	366.6	369.2
-72.5°	246.2	256.5	265.5	273.1	280.0	286.7	293.3	299.4	305.0	309.3	312.4
-75°	196.4	205.0	212.7	219.9	226.3	232.2	237.4	242.0	245.9	249.7	253.0
-77.5°	146.7	153.8	160.5	166.6	172.0	176.5	180.5	183.9	186.8	190.4	193.6
-80°	102.6	107.7	112.5	117.0	121.1	124.4	127.1	129.4	131.3	133.3	135.0
-82.5°	65.7	69.1	72.1	74.9	77.4	79.4	81.3	82.9	84.3	85.5	86.4
-85°	37.4	39.0	40.6	42.2	43.9	45.1	46.1	47.0	47.8	48.5	49.0
-87.5°	16.9	16.7	16.5	16.3	16.0	16.3	16.5	16.8	17.0	17.2	17.3
-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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.8
85°	49.4	49.8	49.9	50.0	49.9	49.8	49.4	49.0	48.5	47.8	47.0
82.5°	87.2	87.8	88.1	88.2	88.1	87.8	87.2	86.4	85.5	84.3	82.9
80°	136.4	137.3	137.9	138.1	137.9	137.3	136.4	135.0	133.3	131.3	129.4
77.5°	196.4	198.6	199.5	199.8	199.5	198.6	196.4	193.6	190.4	186.8	183.9
75°	255.5	257.2	258.3	258.6	258.3	257.2	255.5	253.0	249.7	245.9	242.0
72.5°	314.5	315.9	318.4	320.3	318.4	315.9	314.5	312.4	309.3	305.0	299.4
70°	370.9	371.6	374.1	376.1	374.1	371.6	370.9	369.2	366.6	362.0	354.8
67.5°	420.1	421.5	421.4	420.2	421.4	421.5	420.1	417.9	415.0	410.2	403.3
65°	462.4	465.3	465.5	464.3	465.5	465.3	462.4	458.9	454.8	449.3	442.4
62.5°	493.4	497.6	499.2	499.6	499.2	497.6	493.4	488.9	484.0	478.7	472.8
60°	508.7	510.5	511.2	511.3	511.2	510.5	508.7	506.3	503.2	499.9	495.9
57.5°	519.9	519.9	520.0	520.1	520.0	519.9	519.9	519.3	518.0	516.2	513.8
55°	531.5	531.5	530.6	529.0	530.6	531.5	531.5	531.1	530.4	529.8	528.4
52.5°	541.8	540.8	539.5	537.8	539.5	540.8	541.8	542.2	542.1	541.8	541.1
50°	552.0	550.2	549.3	549.5	549.3	550.2	552.0	553.3	553.9	553.7	552.7
47.5°	568.5	567.3	566.8	567.2	566.8	567.3	568.5	569.0	569.1	568.3	566.5
45°	594.7	593.7	593.0	593.6	593.0	593.7	594.7	594.2	592.8	589.9	585.8
42.5°	645.1	645.5	645.2	646.5	645.2	645.5	645.1	641.4	634.8	625.1	615.9
40°	714.4	714.1	711.7	711.1	711.7	714.1	714.4	709.5	697.2	683.7	667.7
37.5°	790.1	790.2	787.8	787.5	787.8	790.2	790.1	783.3	766.8	746.4	723.7
35°	861.6	864.3	863.8	861.0	863.8	864.3	861.6	853.6	838.2	816.7	787.4
32.5°	968.9	985.3	994.0	990.3	994.0	985.3	968.9	947.6	917.6	887.7	858.8
30°	1183.4	1225.7	1247.9	1257.7	1247.9	1225.7	1183.4	1134.3	1056.1	1001.3	950.5
27.5°	1656.8	1750.2	1792.2	1807.2	1792.2	1750.2	1656.8	1524.5	1339.8	1230.9	1094.5
25°	2643.0	2854.0	2958.1	2991.5	2958.1	2854.0	2643.0	2312.9	1935.0	1685.8	1364.6
22.5°	4726.0	5132.2	5410.1	5471.7	5410.1	5132.2	4726.0	3942.5	3231.2	2591.5	1943.8
20°	8473.7	9259.6	9685.8	9647.5	9685.8	9259.6	8473.7	7123.3	5780.1	4179.8	3055.8
17.5°	13691.5	14699.1	15178.8	14954.6	15178.8	14699.1	13691.5	11862.9	9711.7	7132.1	4784.5
15°	20071.3	21432.6	22026.4	22210.1	22026.4	21432.6	20071.3	17843.3	14693.1	11161.1	7216.7
12.5°	27918.3	32381.1	34515.2	35087.1	34515.2	32381.1	27918.3	23938.5	19951.8	14998.5	10181.7
10°	39113.7	54115.0	63037.9	65216.7	63037.9	54115.0	39113.7	31742.0	24535.1	18514.7	12715.1
7.5°	63876.0	94359.9	128508.9	144679.8	128508.9	94359.9	63876.0	40866.7	29855.5	21636.9	14976.9
5°	97410.6	169064.1	248129.4	279124.4	248129.4	169064.1	97410.6	58876.3	36214.4	24330.9	16690.6
2.5°	138177.8	255273.9	364522.7	405248.3	364522.7	255273.9	138177.8	71352.3	40700.3	25970.1	17671.9
0°	155401.3	294302.4	401625.0	436510.8	401625.0	294302.4	155401.3	75352.0	41102.4	26523.9	17952.0
-2.5°	138177.8	255273.9	364522.7	405248.3	364522.7	255273.9	138177.8	71352.3	40700.3	25970.1	17671.9
-5°	97410.6	169064.1	248129.4	279124.4	248129.4	169064.1	97410.6	58876.3	36214.4	24330.9	16690.6
-7.5°	63876.0	94359.9	128508.9	144679.8	128508.9	94359.9	63876.0	40866.7	29855.5	21636.9	14976.9
-10°	39113.7	54115.0	63037.9	65216.7	63037.9	54115.0	39113.7	31742.0	24535.1	18514.7	12715.1
-12.5°	27918.3	32381.1	34515.2	35087.1	34515.2	32381.1	27918.3	23938.5	19951.8	14998.5	10181.7
-15°	20071.3	21432.6	22026.4	22210.1	22026.4	21432.6	20071.3	17843.3	14693.1	11161.1	7216.7
-17.5°	13691.5	14699.1	15178.8	14954.6	15178.8	14699.1	13691.5	11862.9	9711.7	7132.1	4784.5
-20°	8473.7	9259.6	9685.8	9647.5	9685.8	9259.6	8473.7	7123.3	5780.1	4179.8	3055.8



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	4726.0	5132.2	5410.1	5471.7	5410.1	5132.2	4726.0	3942.5	3231.2	2591.5	1943.8
-25°	2643.0	2854.0	2958.1	2991.5	2958.1	2854.0	2643.0	2312.9	1935.0	1685.8	1364.6
-27.5°	1656.8	1750.2	1792.2	1807.2	1792.2	1750.2	1656.8	1524.5	1339.8	1230.9	1094.5
-30°	1183.4	1225.7	1247.9	1257.7	1247.9	1225.7	1183.4	1134.3	1056.1	1001.3	950.5
-32.5°	968.9	985.3	994.0	990.3	994.0	985.3	968.9	947.6	917.6	887.7	858.8
-35°	861.6	864.3	863.8	861.0	863.8	864.3	861.6	853.6	838.2	816.7	787.4
-37.5°	790.1	790.2	787.8	787.5	787.8	790.2	790.1	783.3	766.8	746.4	723.7
-40°	714.4	714.1	711.7	711.1	711.7	714.1	714.4	709.5	697.2	683.7	667.7
-42.5°	645.1	645.5	645.2	646.5	645.2	645.5	645.1	641.4	634.8	625.1	615.9
-45°	594.7	593.7	593.0	593.6	593.0	593.7	594.7	594.2	592.8	589.9	585.8
-47.5°	568.5	567.3	566.8	567.2	566.8	567.3	568.5	569.0	569.1	568.3	566.5
-50°	552.0	550.2	549.3	549.5	549.3	550.2	552.0	553.3	553.9	553.7	552.7
-52.5°	541.8	540.8	539.5	537.8	539.5	540.8	541.8	542.2	542.1	541.8	541.1
-55°	531.5	531.5	530.6	529.0	530.6	531.5	531.5	531.1	530.4	529.8	528.4
-57.5°	519.9	519.9	520.0	520.1	520.0	519.9	519.9	519.3	518.0	516.2	513.8
-60°	508.7	510.5	511.2	511.3	511.2	510.5	508.7	506.3	503.2	499.9	495.9
-62.5°	493.4	497.6	499.2	499.6	499.2	497.6	493.4	488.9	484.0	478.7	472.8
-65°	462.4	465.3	465.5	464.3	465.5	465.3	462.4	458.9	454.8	449.3	442.4
-67.5°	420.1	421.5	421.4	420.2	421.4	421.5	420.1	417.9	415.0	410.2	403.3
-70°	370.9	371.6	374.1	376.1	374.1	371.6	370.9	369.2	366.6	362.0	354.8
-72.5°	314.5	315.9	318.4	320.3	318.4	315.9	314.5	312.4	309.3	305.0	299.4
-75°	255.5	257.2	258.3	258.6	258.3	257.2	255.5	253.0	249.7	245.9	242.0
-77.5°	196.4	198.6	199.5	199.8	199.5	198.6	196.4	193.6	190.4	186.8	183.9
-80°	136.4	137.3	137.9	138.1	137.9	137.3	136.4	135.0	133.3	131.3	129.4
-82.5°	87.2	87.8	88.1	88.2	88.1	87.8	87.2	86.4	85.5	84.3	82.9
-85°	49.4	49.8	49.9	50.0	49.9	49.8	49.4	49.0	48.5	47.8	47.0
-87.5°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.8
-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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	16.5	16.3	16.0	16.3	16.5	16.7	16.9	16.3	15.8	15.2	14.6
85°	46.1	45.1	43.9	42.2	40.6	39.0	37.4	35.6	33.8	32.1	30.3
82.5°	81.3	79.4	77.4	74.9	72.1	69.1	65.7	62.1	58.1	53.8	49.4
80°	127.1	124.4	121.1	117.0	112.5	107.7	102.6	97.3	91.4	85.7	80.4
77.5°	180.5	176.5	172.0	166.6	160.5	153.8	146.7	140.5	134.1	127.0	118.8
75°	237.4	232.2	226.3	219.9	212.7	205.0	196.4	187.3	178.0	168.8	158.9
72.5°	293.3	286.7	280.0	273.1	265.5	256.5	246.2	234.9	223.0	210.4	197.8
70°	346.9	338.4	330.1	322.0	313.3	303.7	293.1	281.5	268.9	254.8	239.1
67.5°	395.5	387.0	378.2	368.6	357.8	346.9	336.1	325.1	311.9	297.1	279.6
65°	435.1	427.3	419.9	409.7	398.6	386.9	375.0	362.3	349.1	335.4	318.9
62.5°	466.0	458.5	451.0	442.3	433.0	423.0	411.2	397.3	383.0	368.2	351.1
60°	490.8	484.8	477.4	469.3	460.6	450.9	439.0	427.0	414.8	398.5	381.5
57.5°	510.6	505.5	498.4	491.2	484.0	474.2	462.9	451.0	437.8	424.7	409.9
55°	526.4	521.8	515.7	508.6	500.7	492.5	483.4	472.1	459.2	446.9	432.1
52.5°	539.9	535.4	530.2	524.7	517.2	508.7	499.8	489.5	478.9	466.3	452.5
50°	550.9	547.0	542.3	536.6	530.3	523.6	514.9	505.0	495.5	484.0	470.6
47.5°	564.0	559.7	554.2	548.5	541.9	534.5	527.0	519.7	510.3	500.1	486.9
45°	581.7	575.7	568.6	562.0	554.3	546.5	537.7	530.8	523.5	513.4	502.4
42.5°	607.1	597.1	588.0	578.3	567.8	559.2	550.4	542.2	534.4	525.6	514.2
40°	646.7	625.7	612.9	598.7	586.0	572.7	563.2	553.5	545.0	536.4	525.2
37.5°	697.7	671.2	647.2	624.0	607.7	591.7	577.8	566.2	554.7	545.5	534.5
35°	752.7	721.1	691.4	662.0	633.0	613.3	594.7	580.1	566.7	554.1	543.3
32.5°	820.3	781.9	743.5	707.3	670.3	638.8	615.3	594.8	578.3	564.0	551.4
30°	897.0	848.9	803.0	757.8	712.7	672.0	638.1	612.1	590.7	573.6	559.7
27.5°	1002.7	918.8	864.2	809.7	756.4	708.6	667.3	630.8	603.8	583.9	567.7
25°	1183.4	1030.1	932.0	865.5	803.7	746.7	698.5	655.6	620.2	593.9	573.7
22.5°	1478.4	1216.1	1031.3	923.9	853.0	790.0	733.2	681.7	635.3	603.4	580.7
20°	2049.4	1481.4	1189.0	1006.7	899.3	830.3	767.5	709.1	655.4	613.9	586.7
17.5°	3060.6	1960.4	1372.5	1099.5	954.2	866.7	800.0	734.3	674.2	622.5	591.4
15°	4282.9	2621.5	1705.8	1244.6	1014.5	896.6	828.4	757.1	692.3	634.0	597.8
12.5°	6015.8	3350.7	1995.3	1361.8	1079.8	933.3	852.5	779.6	709.2	646.2	603.2
10°	7460.1	4218.6	2455.3	1578.6	1167.1	972.2	870.0	793.1	718.7	654.9	606.8
7.5°	9271.9	5184.9	2865.5	1739.6	1233.4	1000.0	880.6	800.3	723.8	660.3	608.6
5°	10415.9	5823.6	3139.6	1860.8	1282.5	1018.8	888.2	803.0	724.8	662.5	608.9
2.5°	11220.9	6152.1	3264.5	1927.3	1310.3	1027.2	891.9	804.9	728.3	664.5	612.1
0°	11354.8	6403.2	3282.4	1942.4	1313.6	1022.6	890.4	805.2	731.7	664.1	614.2
-2.5°	11220.9	6152.1	3264.5	1927.3	1310.3	1027.2	891.9	804.9	728.3	664.5	612.1
-5°	10415.9	5823.6	3139.6	1860.8	1282.5	1018.8	888.2	803.0	724.8	662.5	608.9
-7.5°	9271.9	5184.9	2865.5	1739.6	1233.4	1000.0	880.6	800.3	723.8	660.3	608.6
-10°	7460.1	4218.6	2455.3	1578.6	1167.1	972.2	870.0	793.1	718.7	654.9	606.8
-12.5°	6015.8	3350.7	1995.3	1361.8	1079.8	933.3	852.5	779.6	709.2	646.2	603.2
-15°	4282.9	2621.5	1705.8	1244.6	1014.5	896.6	828.4	757.1	692.3	634.0	597.8
-17.5°	3060.6	1960.4	1372.5	1099.5	954.2	866.7	800.0	734.3	674.2	622.5	591.4
-20°	2049.4	1481.4	1189.0	1006.7	899.3	830.3	767.5	709.1	655.4	613.9	586.7



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	1478.4	1216.1	1031.3	923.9	853.0	790.0	733.2	681.7	635.3	603.4	580.7
-25°	1183.4	1030.1	932.0	865.5	803.7	746.7	698.5	655.6	620.2	593.9	573.7
-27.5°	1002.7	918.8	864.2	809.7	756.4	708.6	667.3	630.8	603.8	583.9	567.7
-30°	897.0	848.9	803.0	757.8	712.7	672.0	638.1	612.1	590.7	573.6	559.7
-32.5°	820.3	781.9	743.5	707.3	670.3	638.8	615.3	594.8	578.3	564.0	551.4
-35°	752.7	721.1	691.4	662.0	633.0	613.3	594.7	580.1	566.7	554.1	543.3
-37.5°	697.7	671.2	647.2	624.0	607.7	591.7	577.8	566.2	554.7	545.5	534.5
-40°	646.7	625.7	612.9	598.7	586.0	572.7	563.2	553.5	545.0	536.4	525.2
-42.5°	607.1	597.1	588.0	578.3	567.8	559.2	550.4	542.2	534.4	525.6	514.2
-45°	581.7	575.7	568.6	562.0	554.3	546.5	537.7	530.8	523.5	513.4	502.4
-47.5°	564.0	559.7	554.2	548.5	541.9	534.5	527.0	519.7	510.3	500.1	486.9
-50°	550.9	547.0	542.3	536.6	530.3	523.6	514.9	505.0	495.5	484.0	470.6
-52.5°	539.9	535.4	530.2	524.7	517.2	508.7	499.8	489.5	478.9	466.3	452.5
-55°	526.4	521.8	515.7	508.6	500.7	492.5	483.4	472.1	459.2	446.9	432.1
-57.5°	510.6	505.5	498.4	491.2	484.0	474.2	462.9	451.0	437.8	424.7	409.9
-60°	490.8	484.8	477.4	469.3	460.6	450.9	439.0	427.0	414.8	398.5	381.5
-62.5°	466.0	458.5	451.0	442.3	433.0	423.0	411.2	397.3	383.0	368.2	351.1
-65°	435.1	427.3	419.9	409.7	398.6	386.9	375.0	362.3	349.1	335.4	318.9
-67.5°	395.5	387.0	378.2	368.6	357.8	346.9	336.1	325.1	311.9	297.1	279.6
-70°	346.9	338.4	330.1	322.0	313.3	303.7	293.1	281.5	268.9	254.8	239.1
-72.5°	293.3	286.7	280.0	273.1	265.5	256.5	246.2	234.9	223.0	210.4	197.8
-75°	237.4	232.2	226.3	219.9	212.7	205.0	196.4	187.3	178.0	168.8	158.9
-77.5°	180.5	176.5	172.0	166.6	160.5	153.8	146.7	140.5	134.1	127.0	118.8
-80°	127.1	124.4	121.1	117.0	112.5	107.7	102.6	97.3	91.4	85.7	80.4
-82.5°	81.3	79.4	77.4	74.9	72.1	69.1	65.7	62.1	58.1	53.8	49.4
-85°	46.1	45.1	43.9	42.2	40.6	39.0	37.4	35.6	33.8	32.1	30.3
-87.5°	16.5	16.3	16.0	16.3	16.5	16.7	16.9	16.3	15.8	15.2	14.6
-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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
85°	29.1	27.7	26.2	24.5	22.7	20.6	19.0	17.4	15.7	14.1	12.4
82.5°	45.9	43.7	41.8	39.6	37.6	35.2	32.4	29.1	25.2	21.3	18.5
80°	75.6	70.5	65.2	59.8	54.6	49.9	46.7	42.6	37.1	31.7	26.5
77.5°	109.8	100.9	92.1	84.5	76.6	69.3	62.6	56.3	48.9	42.0	35.4
75°	147.5	135.8	124.3	112.8	100.6	88.4	79.3	70.9	61.9	52.4	44.1
72.5°	185.0	171.5	157.2	142.2	128.1	113.6	98.8	85.4	75.2	64.6	53.3
70°	223.2	207.4	191.5	174.1	156.4	138.9	122.1	105.1	88.6	76.6	64.1
67.5°	261.3	242.8	224.6	205.6	185.6	165.4	145.3	125.7	106.8	88.6	74.7
65°	298.7	277.9	256.5	235.9	214.2	191.6	169.2	146.3	124.6	104.1	85.2
62.5°	333.0	312.9	289.6	266.1	242.4	217.9	192.5	167.6	142.2	119.1	97.3
60°	363.3	342.7	321.4	296.7	270.5	244.0	216.4	188.4	161.0	133.7	109.8
57.5°	390.7	371.0	349.0	325.3	298.5	269.7	240.0	209.5	179.4	149.6	122.0
55°	416.1	396.1	375.0	351.0	324.5	294.9	263.1	230.4	197.4	165.5	133.9
52.5°	436.7	419.0	398.2	375.0	348.3	319.0	285.7	250.8	215.7	180.9	147.4
50°	455.4	438.8	419.2	396.1	370.9	340.5	307.9	270.9	233.5	196.0	160.6
47.5°	472.3	456.3	437.7	415.9	390.0	361.3	327.6	290.6	250.6	211.2	173.2
45°	487.4	471.9	454.4	433.0	408.4	379.2	346.0	309.7	267.7	226.0	185.4
42.5°	501.2	485.5	468.5	449.7	424.2	395.7	363.6	326.1	284.3	240.2	197.4
40°	512.1	497.6	481.5	462.1	439.0	411.7	378.6	341.4	300.3	253.9	209.2
37.5°	522.4	507.9	492.0	473.9	452.3	424.7	392.7	356.0	314.7	267.2	220.4
35°	530.9	517.1	501.3	483.7	462.7	437.0	406.3	369.2	326.8	279.7	231.0
32.5°	538.8	525.2	509.1	491.7	472.5	448.7	417.8	380.4	338.2	291.4	240.9
30°	546.2	531.4	516.3	499.0	481.0	457.3	427.6	390.9	348.8	302.2	250.3
27.5°	552.3	536.9	522.6	505.2	487.1	465.2	436.5	400.6	358.6	311.7	259.0
25°	557.9	541.9	527.1	510.9	492.5	472.4	444.8	409.5	366.9	319.6	267.0
22.5°	562.9	546.6	530.9	516.0	497.3	479.1	451.6	416.2	374.1	326.8	274.2
20°	567.3	550.7	534.0	519.9	501.3	483.1	457.0	422.3	380.5	333.2	280.6
17.5°	571.3	554.2	537.1	522.2	504.7	486.5	461.9	427.7	386.2	338.9	286.2
15°	574.8	556.8	539.8	524.1	507.5	489.3	466.2	432.5	391.0	343.7	291.0
12.5°	577.8	558.6	541.9	525.5	509.6	491.5	470.0	436.6	395.0	347.8	295.0
10°	580.1	559.6	543.4	526.6	511.1	493.2	473.2	439.8	398.2	351.0	298.2
7.5°	581.8	559.9	544.4	527.1	512.1	494.6	475.1	442.0	400.6	353.4	300.5
5°	583.2	560.7	545.4	528.1	513.3	495.7	476.1	443.4	402.1	355.0	302.1
2.5°	585.9	562.7	546.3	528.8	514.1	496.4	476.5	444.0	402.8	355.7	302.8
0°	587.7	564.2	546.6	529.0	514.3	496.6	476.1	443.7	402.6	355.6	302.7
-2.5°	585.9	562.7	546.3	528.8	514.1	496.4	476.5	444.0	402.8	355.7	302.8
-5°	583.2	560.7	545.4	528.1	513.3	495.7	476.1	443.4	402.1	355.0	302.1
-7.5°	581.8	559.9	544.4	527.1	512.1	494.6	475.1	442.0	400.6	353.4	300.5
-10°	580.1	559.6	543.4	526.6	511.1	493.2	473.2	439.8	398.2	351.0	298.2
-12.5°	577.8	558.6	541.9	525.5	509.6	491.5	470.0	436.6	395.0	347.8	295.0
-15°	574.8	556.8	539.8	524.1	507.5	489.3	466.2	432.5	391.0	343.7	291.0
-17.5°	571.3	554.2	537.1	522.2	504.7	486.5	461.9	427.7	386.2	338.9	286.2
-20°	567.3	550.7	534.0	519.9	501.3	483.1	457.0	422.3	380.5	333.2	280.6



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	562.9	546.6	530.9	516.0	497.3	479.1	451.6	416.2	374.1	326.8	274.2
-25°	557.9	541.9	527.1	510.9	492.5	472.4	444.8	409.5	366.9	319.6	267.0
-27.5°	552.3	536.9	522.6	505.2	487.1	465.2	436.5	400.6	358.6	311.7	259.0
-30°	546.2	531.4	516.3	499.0	481.0	457.3	427.6	390.9	348.8	302.2	250.3
-32.5°	538.8	525.2	509.1	491.7	472.5	448.7	417.8	380.4	338.2	291.4	240.9
-35°	530.9	517.1	501.3	483.7	462.7	437.0	406.3	369.2	326.8	279.7	231.0
-37.5°	522.4	507.9	492.0	473.9	452.3	424.7	392.7	356.0	314.7	267.2	220.4
-40°	512.1	497.6	481.5	462.1	439.0	411.7	378.6	341.4	300.3	253.9	209.2
-42.5°	501.2	485.5	468.5	449.7	424.2	395.7	363.6	326.1	284.3	240.2	197.4
-45°	487.4	471.9	454.4	433.0	408.4	379.2	346.0	309.7	267.7	226.0	185.4
-47.5°	472.3	456.3	437.7	415.9	390.0	361.3	327.6	290.6	250.6	211.2	173.2
-50°	455.4	438.8	419.2	396.1	370.9	340.5	307.9	270.9	233.5	196.0	160.6
-52.5°	436.7	419.0	398.2	375.0	348.3	319.0	285.7	250.8	215.7	180.9	147.4
-55°	416.1	396.1	375.0	351.0	324.5	294.9	263.1	230.4	197.4	165.5	133.9
-57.5°	390.7	371.0	349.0	325.3	298.5	269.7	240.0	209.5	179.4	149.6	122.0
-60°	363.3	342.7	321.4	296.7	270.5	244.0	216.4	188.4	161.0	133.7	109.8
-62.5°	333.0	312.9	289.6	266.1	242.4	217.9	192.5	167.6	142.2	119.1	97.3
-65°	298.7	277.9	256.5	235.9	214.2	191.6	169.2	146.3	124.6	104.1	85.2
-67.5°	261.3	242.8	224.6	205.6	185.6	165.4	145.3	125.7	106.8	88.6	74.7
-70°	223.2	207.4	191.5	174.1	156.4	138.9	122.1	105.1	88.6	76.6	64.1
-72.5°	185.0	171.5	157.2	142.2	128.1	113.6	98.8	85.4	75.2	64.6	53.3
-75°	147.5	135.8	124.3	112.8	100.6	88.4	79.3	70.9	61.9	52.4	44.1
-77.5°	109.8	100.9	92.1	84.5	76.6	69.3	62.6	56.3	48.9	42.0	35.4
-80°	75.6	70.5	65.2	59.8	54.6	49.9	46.7	42.6	37.1	31.7	26.5
-82.5°	45.9	43.7	41.8	39.6	37.6	35.2	32.4	29.1	25.2	21.3	18.5
-85°	29.1	27.7	26.2	24.5	22.7	20.6	19.0	17.4	15.7	14.1	12.4
-87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
-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: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	5.3	4.6	3.8	3.0	2.0	1.0	0.0
85°	10.7	9.2	7.7	5.9	4.1	2.0	0.0
82.5°	16.0	13.8	11.5	8.9	6.1	3.1	0.0
80°	21.6	18.4	15.3	11.8	8.2	4.1	0.0
77.5°	29.1	23.6	19.1	14.8	10.2	5.1	0.0
75°	36.5	29.8	23.0	17.7	12.2	6.1	0.0
72.5°	43.9	36.0	28.0	20.6	14.1	7.1	0.0
70°	51.4	42.1	32.9	23.6	16.1	8.0	0.0
67.5°	60.7	48.1	37.7	27.2	18.0	9.0	0.0
65°	69.7	54.7	42.4	30.8	19.8	9.9	0.0
62.5°	78.6	62.0	47.1	34.3	21.7	10.8	0.0
60°	87.2	69.1	51.6	37.7	23.5	11.7	0.0
57.5°	97.5	76.1	57.0	41.0	25.7	12.6	0.0
55°	107.7	82.8	62.3	44.3	27.8	13.5	0.0
52.5°	117.6	89.5	67.5	47.4	29.9	14.3	0.0
50°	127.2	97.5	72.4	50.5	31.9	15.1	0.0
47.5°	136.7	105.3	77.2	53.6	33.8	15.9	0.0
45°	147.1	112.7	81.8	57.0	35.7	16.6	0.0
42.5°	157.0	119.8	86.1	60.3	37.4	17.3	0.0
40°	166.4	126.6	90.9	63.3	39.1	18.0	0.0
37.5°	175.2	133.1	96.1	66.1	40.7	18.6	0.0
35°	183.6	139.7	100.9	68.8	42.2	19.2	0.0
32.5°	191.6	146.3	105.5	71.2	43.7	19.8	0.0
30°	199.5	152.3	109.8	73.5	45.0	20.3	0.0
27.5°	206.8	157.9	113.7	75.6	46.2	20.8	0.0
25°	213.6	163.0	117.3	77.4	47.4	21.3	0.0
22.5°	219.7	167.7	120.5	79.1	48.4	21.7	0.0
20°	225.2	171.9	123.5	80.6	49.3	22.1	0.0
17.5°	230.1	175.7	126.2	81.9	50.2	22.4	0.0
15°	234.5	178.9	128.5	82.9	50.9	22.7	0.0
12.5°	238.3	181.7	130.5	83.8	51.5	22.9	0.0
10°	241.3	184.0	132.2	84.5	52.0	23.1	0.0
7.5°	243.7	185.8	133.5	84.9	52.4	23.3	0.0
5°	245.4	187.1	134.4	85.2	52.7	23.4	0.0
2.5°	246.5	187.8	135.0	85.3	52.8	23.5	0.0
0°	246.8	188.1	135.2	85.2	52.9	23.5	0.0
-2.5°	246.5	187.8	135.0	85.3	52.8	23.5	0.0
-5°	245.4	187.1	134.4	85.2	52.7	23.4	0.0
-7.5°	243.7	185.8	133.5	84.9	52.4	23.3	0.0
-10°	241.3	184.0	132.2	84.5	52.0	23.1	0.0
-12.5°	238.3	181.7	130.5	83.8	51.5	22.9	0.0
-15°	234.5	178.9	128.5	82.9	50.9	22.7	0.0
-17.5°	230.1	175.7	126.2	81.9	50.2	22.4	0.0
-20°	225.2	171.9	123.5	80.6	49.3	22.1	0.0



REPORT NUMBER: P559232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	219.7	167.7	120.5	79.1	48.4	21.7	0.0
-25°	213.6	163.0	117.3	77.4	47.4	21.3	0.0
-27.5°	206.8	157.9	113.7	75.6	46.2	20.8	0.0
-30°	199.5	152.3	109.8	73.5	45.0	20.3	0.0
-32.5°	191.6	146.3	105.5	71.2	43.7	19.8	0.0
-35°	183.6	139.7	100.9	68.8	42.2	19.2	0.0
-37.5°	175.2	133.1	96.1	66.1	40.7	18.6	0.0
-40°	166.4	126.6	90.9	63.3	39.1	18.0	0.0
-42.5°	157.0	119.8	86.1	60.3	37.4	17.3	0.0
-45°	147.1	112.7	81.8	57.0	35.7	16.6	0.0
-47.5°	136.7	105.3	77.2	53.6	33.8	15.9	0.0
-50°	127.2	97.5	72.4	50.5	31.9	15.1	0.0
-52.5°	117.6	89.5	67.5	47.4	29.9	14.3	0.0
-55°	107.7	82.8	62.3	44.3	27.8	13.5	0.0
-57.5°	97.5	76.1	57.0	41.0	25.7	12.6	0.0
-60°	87.2	69.1	51.6	37.7	23.5	11.7	0.0
-62.5°	78.6	62.0	47.1	34.3	21.7	10.8	0.0
-65°	69.7	54.7	42.4	30.8	19.8	9.9	0.0
-67.5°	60.7	48.1	37.7	27.2	18.0	9.0	0.0
-70°	51.4	42.1	32.9	23.6	16.1	8.0	0.0
-72.5°	43.9	36.0	28.0	20.6	14.1	7.1	0.0
-75°	36.5	29.8	23.0	17.7	12.2	6.1	0.0
-77.5°	29.1	23.6	19.1	14.8	10.2	5.1	0.0
-80°	21.6	18.4	15.3	11.8	8.2	4.1	0.0
-82.5°	16.0	13.8	11.5	8.9	6.1	3.1	0.0
-85°	10.7	9.2	7.7	5.9	4.1	2.0	0.0
-87.5°	5.3	4.6	3.8	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)