

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: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1B-930-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

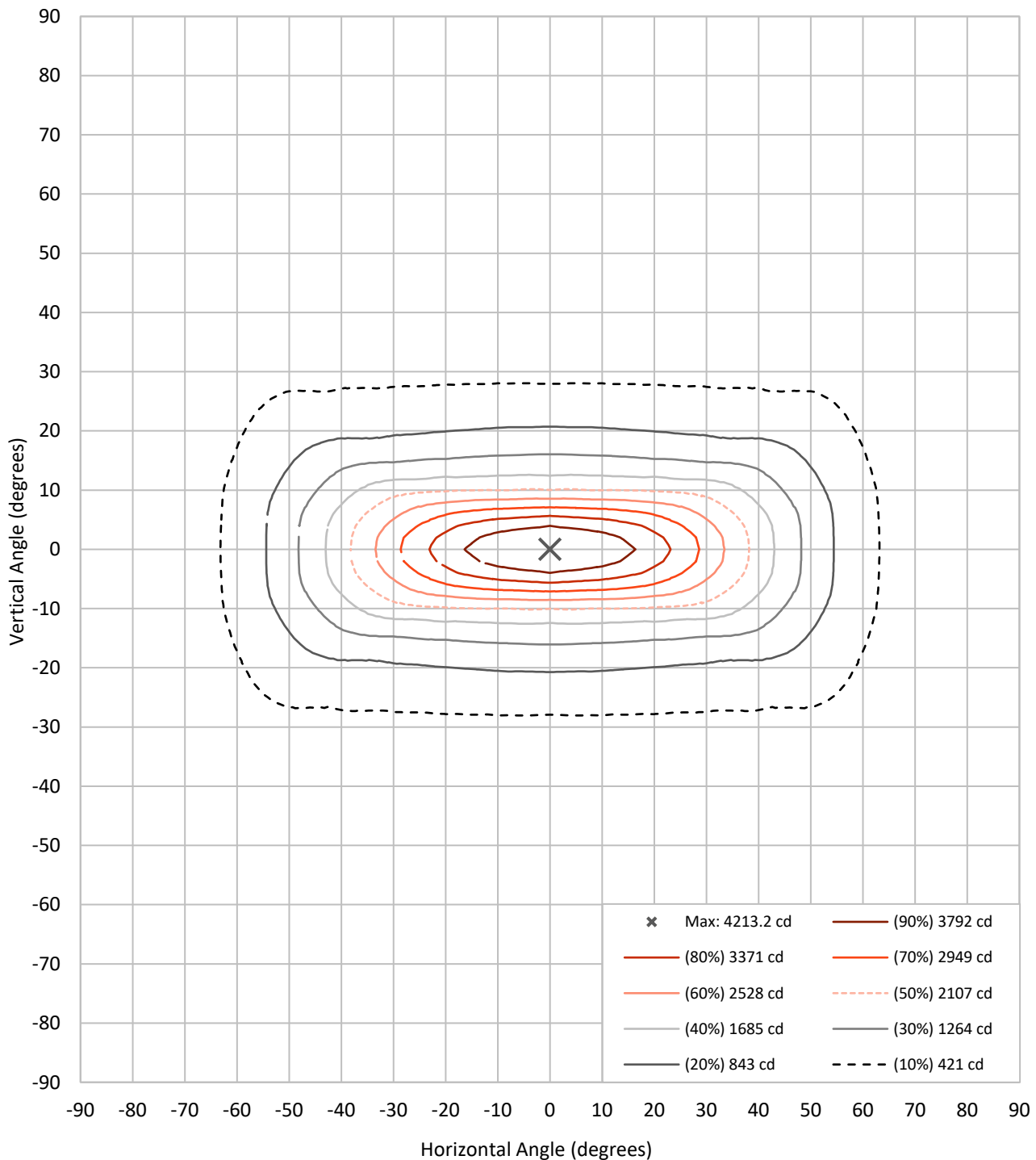
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	3017.4 lumens	Max Intensity:	4213.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1207.2 lumens	Field Lumens:	2473.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 33  
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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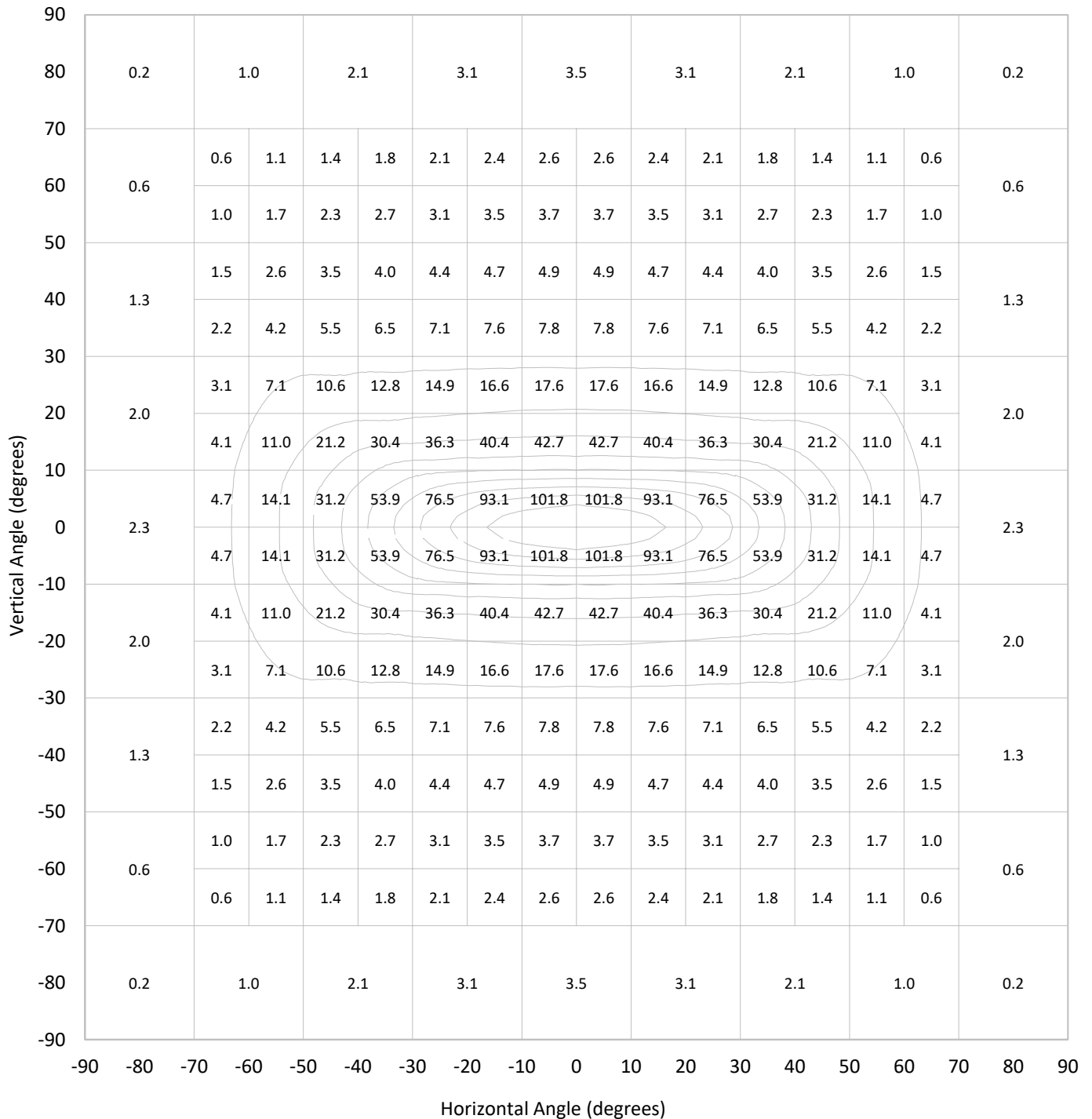
### Iso-Candela Plot





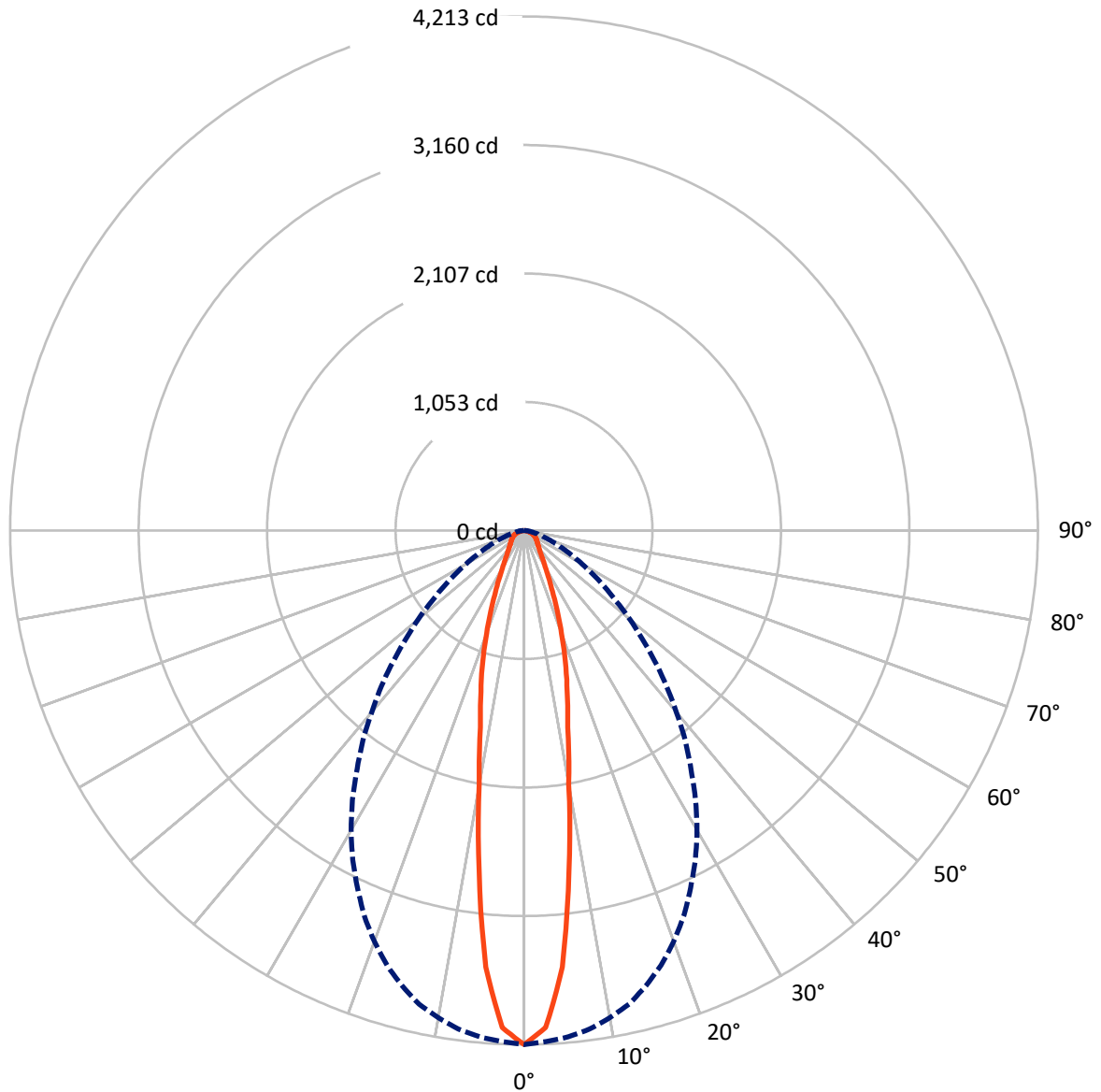
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### Lumen Table



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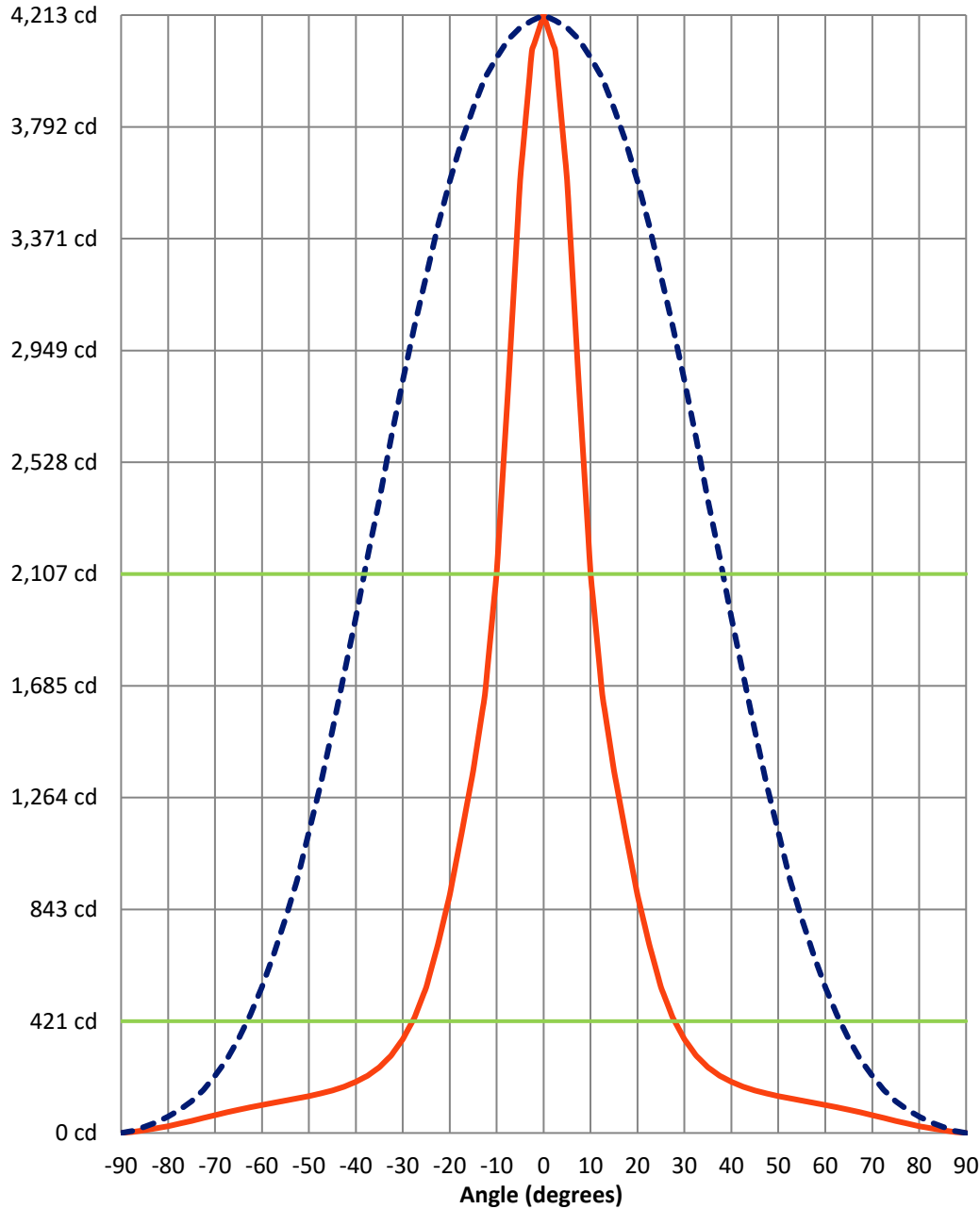
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 1207.2  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 2473.1  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 544.3  
 Efficiency: 18.0%

— 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	0.3	0.7	1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5
85°	0.0	0.7	1.4	2.0	2.5	3.0	3.4	3.8	4.2	4.6	5.0
82.5°	0.0	1.0	2.1	3.0	3.8	4.5	5.0	5.7	6.5	7.7	8.9
80°	0.0	1.4	2.8	4.0	5.0	5.9	6.9	8.8	10.5	12.1	13.5
77.5°	0.0	1.7	3.5	5.0	6.3	7.9	10.2	12.5	14.6	16.5	18.3
75°	0.0	2.1	4.1	5.9	7.7	10.7	13.4	16.1	18.7	21.3	23.5
72.5°	0.0	2.4	4.8	6.9	10.0	13.5	16.7	19.9	23.2	26.1	28.6
70°	0.0	2.7	5.5	8.0	12.3	16.3	20.0	24.1	27.8	31.1	34.3
67.5°	0.0	3.1	6.1	9.8	14.6	19.0	23.7	28.2	32.4	36.6	40.1
65°	0.0	3.4	6.8	11.5	16.8	22.0	27.4	32.4	37.7	42.3	46.3
62.5°	0.0	3.7	7.4	13.2	19.1	25.2	31.2	37.0	43.0	48.1	53.4
60°	0.0	4.0	8.0	14.9	21.2	28.4	34.9	41.9	48.3	54.8	60.5
57.5°	0.0	4.3	9.1	16.5	23.8	31.6	39.1	46.7	54.3	61.5	68.3
55°	0.0	4.6	10.2	18.1	26.3	34.7	43.3	51.6	60.4	68.4	76.4
52.5°	0.0	4.9	11.2	19.7	28.8	37.8	47.4	57.0	66.5	76.3	84.9
50°	0.0	5.1	12.2	21.3	31.3	41.3	51.5	62.5	72.9	84.3	94.8
47.5°	0.0	5.4	13.2	22.8	33.7	44.6	55.7	68.1	80.3	92.5	105.3
45°	0.0	5.7	14.1	24.6	36.0	47.9	60.5	73.7	87.8	102.4	116.2
42.5°	0.0	5.9	15.1	26.3	38.3	51.1	65.3	79.8	95.4	112.5	128.6
40°	0.0	6.1	15.9	27.9	40.7	54.3	70.0	86.4	103.4	122.9	141.6
37.5°	0.0	6.3	16.8	29.4	43.1	57.3	74.6	92.8	112.6	133.7	155.1
35°	0.0	6.6	17.6	30.8	45.4	60.8	79.2	99.2	121.7	145.7	169.7
32.5°	0.0	6.7	18.3	32.1	47.6	64.4	83.9	105.4	130.7	157.9	185.7
30°	0.0	6.9	19.0	33.3	49.7	67.8	89.0	111.8	139.6	170.2	202.2
27.5°	0.0	7.1	19.7	34.4	51.5	71.2	93.8	119.1	149.0	182.5	218.9
25°	0.0	7.3	20.3	35.4	53.1	74.4	98.5	126.2	159.0	195.9	235.8
22.5°	0.0	7.4	20.8	36.3	54.6	77.3	102.9	133.0	168.9	209.8	254.3
20°	0.0	7.5	21.4	37.1	55.9	79.5	107.2	139.5	178.5	223.4	272.7
17.5°	0.0	7.6	21.8	37.8	57.2	81.4	110.4	145.7	187.8	236.8	290.8
15°	0.0	7.7	22.2	38.4	58.3	83.1	112.8	150.6	196.7	249.7	308.4
12.5°	0.0	7.8	22.6	38.9	59.3	84.5	114.8	153.8	203.1	262.1	325.4
10°	0.0	7.9	22.9	39.3	60.1	85.6	116.5	156.5	207.2	268.0	338.7
7.5°	0.0	7.9	23.1	39.6	60.7	86.5	117.8	158.5	210.5	271.9	344.7
5°	0.0	8.0	23.3	39.8	61.3	87.1	118.8	160.1	213.0	274.5	349.4
2.5°	0.0	8.0	23.4	39.9	61.6	87.4	119.4	161.0	214.7	276.0	352.6
0°	0.0	8.0	23.5	39.9	61.8	87.5	119.6	161.4	215.5	276.4	354.3
-2.5°	0.0	8.0	23.4	39.9	61.6	87.4	119.4	161.0	214.7	276.0	352.6
-5°	0.0	8.0	23.3	39.8	61.3	87.1	118.8	160.1	213.0	274.5	349.4
-7.5°	0.0	7.9	23.1	39.6	60.7	86.5	117.8	158.5	210.5	271.9	344.7
-10°	0.0	7.9	22.9	39.3	60.1	85.6	116.5	156.5	207.2	268.0	338.7
-12.5°	0.0	7.8	22.6	38.9	59.3	84.5	114.8	153.8	203.1	262.1	325.4
-15°	0.0	7.7	22.2	38.4	58.3	83.1	112.8	150.6	196.7	249.7	308.4
-17.5°	0.0	7.6	21.8	37.8	57.2	81.4	110.4	145.7	187.8	236.8	290.8
-20°	0.0	7.5	21.4	37.1	55.9	79.5	107.2	139.5	178.5	223.4	272.7



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 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.4	20.8	36.3	54.6	77.3	102.9	133.0	168.9	209.8	254.3
-25°	0.0	7.3	20.3	35.4	53.1	74.4	98.5	126.2	159.0	195.9	235.8
-27.5°	0.0	7.1	19.7	34.4	51.5	71.2	93.8	119.1	149.0	182.5	218.9
-30°	0.0	6.9	19.0	33.3	49.7	67.8	89.0	111.8	139.6	170.2	202.2
-32.5°	0.0	6.7	18.3	32.1	47.6	64.4	83.9	105.4	130.7	157.9	185.7
-35°	0.0	6.6	17.6	30.8	45.4	60.8	79.2	99.2	121.7	145.7	169.7
-37.5°	0.0	6.3	16.8	29.4	43.1	57.3	74.6	92.8	112.6	133.7	155.1
-40°	0.0	6.1	15.9	27.9	40.7	54.3	70.0	86.4	103.4	122.9	141.6
-42.5°	0.0	5.9	15.1	26.3	38.3	51.1	65.3	79.8	95.4	112.5	128.6
-45°	0.0	5.7	14.1	24.6	36.0	47.9	60.5	73.7	87.8	102.4	116.2
-47.5°	0.0	5.4	13.2	22.8	33.7	44.6	55.7	68.1	80.3	92.5	105.3
-50°	0.0	5.1	12.2	21.3	31.3	41.3	51.5	62.5	72.9	84.3	94.8
-52.5°	0.0	4.9	11.2	19.7	28.8	37.8	47.4	57.0	66.5	76.3	84.9
-55°	0.0	4.6	10.2	18.1	26.3	34.7	43.3	51.6	60.4	68.4	76.4
-57.5°	0.0	4.3	9.1	16.5	23.8	31.6	39.1	46.7	54.3	61.5	68.3
-60°	0.0	4.0	8.0	14.9	21.2	28.4	34.9	41.9	48.3	54.8	60.5
-62.5°	0.0	3.7	7.4	13.2	19.1	25.2	31.2	37.0	43.0	48.1	53.4
-65°	0.0	3.4	6.8	11.5	16.8	22.0	27.4	32.4	37.7	42.3	46.3
-67.5°	0.0	3.1	6.1	9.8	14.6	19.0	23.7	28.2	32.4	36.6	40.1
-70°	0.0	2.7	5.5	8.0	12.3	16.3	20.0	24.1	27.8	31.1	34.3
-72.5°	0.0	2.4	4.8	6.9	10.0	13.5	16.7	19.9	23.2	26.1	28.6
-75°	0.0	2.1	4.1	5.9	7.7	10.7	13.4	16.1	18.7	21.3	23.5
-77.5°	0.0	1.7	3.5	5.0	6.3	7.9	10.2	12.5	14.6	16.5	18.3
-80°	0.0	1.4	2.8	4.0	5.0	5.9	6.9	8.8	10.5	12.1	13.5
-82.5°	0.0	1.0	2.1	3.0	3.8	4.5	5.0	5.7	6.5	7.7	8.9
-85°	0.0	0.7	1.4	2.0	2.5	3.0	3.4	3.8	4.2	4.6	5.0
-87.5°	0.0	0.3	0.7	1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.9	3.0	3.2	3.4	3.5	3.6	3.7	3.9	4.1	4.2
85°	5.4	5.7	6.4	6.9	7.3	7.7	8.1	8.4	8.7	8.9	9.1
82.5°	9.9	10.7	11.3	11.8	12.4	12.9	13.3	13.7	14.1	14.4	14.7
80°	14.7	15.6	16.6	17.4	18.3	18.9	19.3	19.4	19.9	20.6	21.2
77.5°	19.9	21.4	22.6	23.7	24.5	25.3	25.9	26.2	27.0	27.9	28.7
75°	25.4	27.1	28.8	30.3	31.5	32.4	33.1	33.6	34.5	35.7	36.7
72.5°	31.0	33.4	35.4	37.2	38.8	40.0	40.9	41.5	42.4	43.8	45.0
70°	37.0	39.7	42.4	44.7	46.4	47.9	49.1	49.9	50.8	52.2	53.2
67.5°	43.2	46.9	50.0	52.4	54.4	56.2	57.5	58.4	58.8	60.2	61.4
65°	50.4	54.4	57.9	60.6	62.5	64.7	66.3	67.0	67.2	68.8	70.2
62.5°	57.7	62.3	66.0	69.2	71.7	73.7	75.4	76.4	76.5	77.7	79.4
60°	65.6	70.2	74.7	78.5	81.2	83.3	85.1	86.2	86.4	86.8	88.8
57.5°	73.9	78.8	84.1	88.3	91.4	93.1	95.2	96.3	96.8	96.5	98.5
55°	82.8	88.0	93.9	98.8	102.1	103.7	105.6	107.3	107.8	107.5	108.6
52.5°	93.0	98.1	104.4	109.8	113.5	115.5	116.8	118.8	119.6	119.2	119.0
50°	103.6	110.1	115.3	121.5	125.9	128.5	128.6	131.0	132.1	131.7	130.1
47.5°	115.7	123.0	126.9	134.0	139.8	142.8	143.0	144.0	145.4	145.8	144.4
45°	128.7	137.6	141.9	148.2	154.7	158.4	159.5	157.7	160.3	161.1	160.2
42.5°	142.4	153.8	160.5	163.1	170.6	175.7	177.7	176.5	176.4	178.2	178.1
40°	158.3	171.4	181.4	184.0	187.8	194.9	199.1	198.9	194.2	197.5	198.4
37.5°	175.2	192.2	204.6	210.1	207.2	216.6	222.8	225.3	222.3	219.1	222.8
35°	193.1	214.5	231.2	240.6	241.0	240.9	250.5	255.6	256.0	249.9	251.3
32.5°	213.0	238.2	260.3	275.6	282.5	278.2	280.7	291.5	296.8	294.5	285.9
30°	234.4	265.4	292.5	314.0	329.4	334.0	323.7	332.1	343.8	348.5	344.8
27.5°	256.1	294.2	328.6	358.4	382.3	397.5	397.8	384.8	398.1	409.4	413.7
25°	278.1	323.0	366.9	407.2	443.4	469.5	481.5	482.9	464.3	481.2	496.9
22.5°	301.6	352.7	404.8	459.3	509.7	548.0	577.0	594.6	594.0	576.2	590.1
20°	326.4	385.0	445.6	510.3	579.1	631.6	680.4	717.6	740.1	747.5	733.0
17.5°	351.2	417.6	488.5	565.5	645.1	718.0	791.0	850.5	897.6	936.3	950.1
15°	375.7	450.1	531.6	621.1	713.1	804.3	898.2	989.3	1069.5	1140.3	1182.2
12.5°	399.6	482.1	574.3	676.5	782.0	891.9	1003.9	1114.8	1230.4	1345.0	1432.1
10°	422.6	513.3	616.1	730.8	850.9	979.4	1109.4	1241.0	1381.4	1516.6	1646.7
7.5°	432.5	533.7	652.2	783.5	918.6	1065.5	1213.3	1366.1	1530.1	1687.8	1846.7
5°	438.6	541.8	662.3	799.1	949.4	1121.8	1298.1	1487.3	1674.5	1856.1	2043.4
2.5°	442.6	547.4	669.0	805.3	954.0	1131.0	1309.5	1506.1	1716.0	1926.0	2148.9
0°	444.6	550.3	672.4	807.2	953.4	1134.0	1313.9	1516.7	1729.4	1943.0	2171.2
-2.5°	442.6	547.4	669.0	805.3	954.0	1131.0	1309.5	1506.1	1716.0	1926.0	2148.9
-5°	438.6	541.8	662.3	799.1	949.4	1121.8	1298.1	1487.3	1674.5	1856.1	2043.4
-7.5°	432.5	533.7	652.2	783.5	918.6	1065.5	1213.3	1366.1	1530.1	1687.8	1846.7
-10°	422.6	513.3	616.1	730.8	850.9	979.4	1109.4	1241.0	1381.4	1516.6	1646.7
-12.5°	399.6	482.1	574.3	676.5	782.0	891.9	1003.9	1114.8	1230.4	1345.0	1432.1
-15°	375.7	450.1	531.6	621.1	713.1	804.3	898.2	989.3	1069.5	1140.3	1182.2
-17.5°	351.2	417.6	488.5	565.5	645.1	718.0	791.0	850.5	897.6	936.3	950.1
-20°	326.4	385.0	445.6	510.3	579.1	631.6	680.4	717.6	740.1	747.5	733.0



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 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	301.6	352.7	404.8	459.3	509.7	548.0	577.0	594.6	594.0	576.2	590.1
-25°	278.1	323.0	366.9	407.2	443.4	469.5	481.5	482.9	464.3	481.2	496.9
-27.5°	256.1	294.2	328.6	358.4	382.3	397.5	397.8	384.8	398.1	409.4	413.7
-30°	234.4	265.4	292.5	314.0	329.4	334.0	323.7	332.1	343.8	348.5	344.8
-32.5°	213.0	238.2	260.3	275.6	282.5	278.2	280.7	291.5	296.8	294.5	285.9
-35°	193.1	214.5	231.2	240.6	241.0	240.9	250.5	255.6	256.0	249.9	251.3
-37.5°	175.2	192.2	204.6	210.1	207.2	216.6	222.8	225.3	222.3	219.1	222.8
-40°	158.3	171.4	181.4	184.0	187.8	194.9	199.1	198.9	194.2	197.5	198.4
-42.5°	142.4	153.8	160.5	163.1	170.6	175.7	177.7	176.5	176.4	178.2	178.1
-45°	128.7	137.6	141.9	148.2	154.7	158.4	159.5	157.7	160.3	161.1	160.2
-47.5°	115.7	123.0	126.9	134.0	139.8	142.8	143.0	144.0	145.4	145.8	144.4
-50°	103.6	110.1	115.3	121.5	125.9	128.5	128.6	131.0	132.1	131.7	130.1
-52.5°	93.0	98.1	104.4	109.8	113.5	115.5	116.8	118.8	119.6	119.2	119.0
-55°	82.8	88.0	93.9	98.8	102.1	103.7	105.6	107.3	107.8	107.5	108.6
-57.5°	73.9	78.8	84.1	88.3	91.4	93.1	95.2	96.3	96.8	96.5	98.5
-60°	65.6	70.2	74.7	78.5	81.2	83.3	85.1	86.2	86.4	86.8	88.8
-62.5°	57.7	62.3	66.0	69.2	71.7	73.7	75.4	76.4	76.5	77.7	79.4
-65°	50.4	54.4	57.9	60.6	62.5	64.7	66.3	67.0	67.2	68.8	70.2
-67.5°	43.2	46.9	50.0	52.4	54.4	56.2	57.5	58.4	58.8	60.2	61.4
-70°	37.0	39.7	42.4	44.7	46.4	47.9	49.1	49.9	50.8	52.2	53.2
-72.5°	31.0	33.4	35.4	37.2	38.8	40.0	40.9	41.5	42.4	43.8	45.0
-75°	25.4	27.1	28.8	30.3	31.5	32.4	33.1	33.6	34.5	35.7	36.7
-77.5°	19.9	21.4	22.6	23.7	24.5	25.3	25.9	26.2	27.0	27.9	28.7
-80°	14.7	15.6	16.6	17.4	18.3	18.9	19.3	19.4	19.9	20.6	21.2
-82.5°	9.9	10.7	11.3	11.8	12.4	12.9	13.3	13.7	14.1	14.4	14.7
-85°	5.4	5.7	6.4	6.9	7.3	7.7	8.1	8.4	8.7	8.9	9.1
-87.5°	2.7	2.9	3.0	3.2	3.4	3.5	3.6	3.7	3.9	4.1	4.2
-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: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-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°	4.3	4.3	4.2	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8
85°	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.3	10.3
82.5°	15.0	15.5	16.0	16.5	16.9	17.1	17.3	17.4	17.5	17.6	17.7
80°	21.8	22.5	23.2	23.7	24.2	24.5	24.8	25.0	25.2	25.4	25.5
77.5°	29.4	30.2	31.0	31.7	32.3	32.9	33.4	33.7	34.0	34.5	34.9
75°	37.6	38.5	39.5	40.4	41.1	42.0	42.8	43.5	44.2	44.7	45.1
72.5°	45.8	46.8	48.0	49.1	50.2	51.3	52.3	53.3	54.1	54.9	55.6
70°	54.0	54.9	56.4	57.9	59.3	60.6	61.9	63.1	64.1	65.1	66.0
67.5°	62.4	63.3	65.3	67.0	68.5	70.0	71.5	72.8	74.0	75.1	76.0
65°	71.3	72.2	74.3	76.1	77.8	79.2	80.8	82.3	83.6	84.7	85.7
62.5°	80.6	81.5	83.2	85.1	86.6	87.9	89.9	91.5	92.9	94.1	95.1
60°	90.1	90.9	92.2	94.2	95.9	97.3	99.0	100.6	102.0	103.1	104.2
57.5°	99.9	100.6	101.3	103.3	105.0	106.3	107.7	109.3	110.6	111.7	112.8
55°	110.0	110.6	110.4	112.2	113.8	114.8	115.9	117.6	118.9	119.9	120.9
52.5°	120.3	121.0	120.5	121.3	123.0	124.0	124.4	126.2	127.6	128.4	129.3
50°	131.8	132.4	131.9	131.4	133.1	134.1	134.4	135.8	137.1	137.7	138.4
47.5°	144.3	144.9	144.6	142.8	144.3	145.5	145.5	146.2	147.4	148.0	148.4
45°	157.8	159.1	158.9	157.6	157.4	158.7	158.5	158.0	159.5	160.2	160.4
42.5°	175.7	175.2	175.7	174.9	172.6	174.1	174.3	172.5	174.3	175.1	174.6
40°	197.5	193.5	195.7	195.3	193.3	193.0	194.1	192.6	192.8	194.0	193.1
37.5°	223.4	220.6	219.4	220.3	219.7	217.0	219.2	218.7	217.0	218.9	218.0
35°	255.3	254.5	248.0	252.0	252.8	250.2	251.0	252.1	248.4	251.2	251.0
32.5°	292.6	294.5	293.2	290.8	294.4	294.9	290.7	295.7	293.7	294.4	296.4
30°	334.9	344.6	349.3	345.1	347.4	351.9	349.8	353.3	355.0	352.4	357.4
27.5°	408.7	405.3	416.6	421.5	416.3	424.5	430.5	427.8	436.6	431.4	438.8
25°	502.6	497.5	500.6	516.8	520.4	516.3	533.1	535.1	542.0	542.9	548.0
22.5°	612.8	625.0	623.6	628.5	649.0	655.8	662.0	678.3	674.6	689.3	691.8
20°	736.1	766.8	787.9	792.4	801.1	824.6	835.4	848.2	856.8	870.6	882.4
17.5°	944.7	929.0	970.4	996.5	1010.1	1015.0	1043.3	1052.5	1073.8	1085.9	1098.0
15°	1212.4	1221.6	1202.9	1227.7	1269.6	1283.8	1267.5	1305.5	1316.2	1336.7	1340.3
12.5°	1498.6	1545.0	1567.7	1573.8	1551.9	1611.6	1635.5	1605.5	1639.5	1633.4	1661.3
10°	1771.7	1884.3	1951.7	1999.1	2027.9	2045.3	2062.5	2093.5	2094.0	2117.0	2103.6
7.5°	1995.9	2138.7	2275.0	2407.3	2513.1	2572.4	2618.9	2663.6	2723.2	2751.7	2770.3
5°	2215.2	2379.9	2543.1	2703.4	2848.6	2988.3	3125.2	3244.0	3306.9	3380.4	3446.0
2.5°	2357.1	2565.4	2773.7	2980.2	3147.9	3301.8	3444.3	3576.7	3692.7	3800.2	3890.8
0°	2384.8	2617.9	2835.3	3041.2	3230.1	3420.2	3586.2	3735.8	3862.3	3976.4	4053.3
-2.5°	2357.1	2565.4	2773.7	2980.2	3147.9	3301.8	3444.3	3576.7	3692.7	3800.2	3890.8
-5°	2215.2	2379.9	2543.1	2703.4	2848.6	2988.3	3125.2	3244.0	3306.9	3380.4	3446.0
-7.5°	1995.9	2138.7	2275.0	2407.3	2513.1	2572.4	2618.9	2663.6	2723.2	2751.7	2770.3
-10°	1771.7	1884.3	1951.7	1999.1	2027.9	2045.3	2062.5	2093.5	2094.0	2117.0	2103.6
-12.5°	1498.6	1545.0	1567.7	1573.8	1551.9	1611.6	1635.5	1605.5	1639.5	1633.4	1661.3
-15°	1212.4	1221.6	1202.9	1227.7	1269.6	1283.8	1267.5	1305.5	1316.2	1336.7	1340.3
-17.5°	944.7	929.0	970.4	996.5	1010.1	1015.0	1043.3	1052.5	1073.8	1085.9	1098.0
-20°	736.1	766.8	787.9	792.4	801.1	824.6	835.4	848.2	856.8	870.6	882.4



REPORT NUMBER: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	612.8	625.0	623.6	628.5	649.0	655.8	662.0	678.3	674.6	689.3	691.8
-25°	502.6	497.5	500.6	516.8	520.4	516.3	533.1	535.1	542.0	542.9	548.0
-27.5°	408.7	405.3	416.6	421.5	416.3	424.5	430.5	427.8	436.6	431.4	438.8
-30°	334.9	344.6	349.3	345.1	347.4	351.9	349.8	353.3	355.0	352.4	357.4
-32.5°	292.6	294.5	293.2	290.8	294.4	294.9	290.7	295.7	293.7	294.4	296.4
-35°	255.3	254.5	248.0	252.0	252.8	250.2	251.0	252.1	248.4	251.2	251.0
-37.5°	223.4	220.6	219.4	220.3	219.7	217.0	219.2	218.7	217.0	218.9	218.0
-40°	197.5	193.5	195.7	195.3	193.3	193.0	194.1	192.6	192.8	194.0	193.1
-42.5°	175.7	175.2	175.7	174.9	172.6	174.1	174.3	172.5	174.3	175.1	174.6
-45°	157.8	159.1	158.9	157.6	157.4	158.7	158.5	158.0	159.5	160.2	160.4
-47.5°	144.3	144.9	144.6	142.8	144.3	145.5	145.5	146.2	147.4	148.0	148.4
-50°	131.8	132.4	131.9	131.4	133.1	134.1	134.4	135.8	137.1	137.7	138.4
-52.5°	120.3	121.0	120.5	121.3	123.0	124.0	124.4	126.2	127.6	128.4	129.3
-55°	110.0	110.6	110.4	112.2	113.8	114.8	115.9	117.6	118.9	119.9	120.9
-57.5°	99.9	100.6	101.3	103.3	105.0	106.3	107.7	109.3	110.6	111.7	112.8
-60°	90.1	90.9	92.2	94.2	95.9	97.3	99.0	100.6	102.0	103.1	104.2
-62.5°	80.6	81.5	83.2	85.1	86.6	87.9	89.9	91.5	92.9	94.1	95.1
-65°	71.3	72.2	74.3	76.1	77.8	79.2	80.8	82.3	83.6	84.7	85.7
-67.5°	62.4	63.3	65.3	67.0	68.5	70.0	71.5	72.8	74.0	75.1	76.0
-70°	54.0	54.9	56.4	57.9	59.3	60.6	61.9	63.1	64.1	65.1	66.0
-72.5°	45.8	46.8	48.0	49.1	50.2	51.3	52.3	53.3	54.1	54.9	55.6
-75°	37.6	38.5	39.5	40.4	41.1	42.0	42.8	43.5	44.2	44.7	45.1
-77.5°	29.4	30.2	31.0	31.7	32.3	32.9	33.4	33.7	34.0	34.5	34.9
-80°	21.8	22.5	23.2	23.7	24.2	24.5	24.8	25.0	25.2	25.4	25.5
-82.5°	15.0	15.5	16.0	16.5	16.9	17.1	17.3	17.4	17.5	17.6	17.7
-85°	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.3	10.3
-87.5°	4.3	4.3	4.2	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8
-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: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-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°	3.7	3.7	3.8	4.0	3.8	3.7	3.7	3.8	3.8	3.9	3.9
85°	10.2	10.2	10.3	10.5	10.3	10.2	10.2	10.3	10.3	10.3	10.2
82.5°	17.8	17.8	17.9	17.9	17.9	17.8	17.8	17.7	17.6	17.5	17.4
80°	25.6	25.6	25.5	25.4	25.5	25.6	25.6	25.5	25.4	25.2	25.0
77.5°	35.2	35.4	35.6	35.6	35.6	35.4	35.2	34.9	34.5	34.0	33.7
75°	45.4	45.6	45.5	45.4	45.5	45.6	45.4	45.1	44.7	44.2	43.5
72.5°	56.1	56.6	56.7	56.6	56.7	56.6	56.1	55.6	54.9	54.1	53.3
70°	66.8	67.3	67.3	67.1	67.3	67.3	66.8	66.0	65.1	64.1	63.1
67.5°	76.7	77.2	77.6	77.9	77.6	77.2	76.7	76.0	75.1	74.0	72.8
65°	86.5	87.1	87.4	87.5	87.4	87.1	86.5	85.7	84.7	83.6	82.3
62.5°	95.8	96.4	96.7	96.8	96.7	96.4	95.8	95.1	94.1	92.9	91.5
60°	105.0	105.5	105.6	105.4	105.6	105.5	105.0	104.2	103.1	102.0	100.6
57.5°	113.6	114.2	114.2	113.8	114.2	114.2	113.6	112.8	111.7	110.6	109.3
55°	121.6	122.0	122.2	122.1	122.2	122.0	121.6	120.9	119.9	118.9	117.6
52.5°	130.0	130.4	130.5	130.5	130.5	130.4	130.0	129.3	128.4	127.6	126.2
50°	138.8	138.9	138.8	138.8	138.8	138.9	138.8	138.4	137.7	137.1	135.8
47.5°	148.9	149.0	149.0	149.0	149.0	149.0	148.9	148.4	148.0	147.4	146.2
45°	160.8	160.5	160.1	160.1	160.1	160.5	160.8	160.4	160.2	159.5	158.0
42.5°	175.1	174.7	174.3	174.4	174.3	174.7	175.1	174.6	175.1	174.3	172.5
40°	193.9	193.8	193.1	192.9	193.1	193.8	193.9	193.1	194.0	192.8	192.6
37.5°	218.1	217.8	216.4	215.8	216.4	217.8	218.1	218.0	218.9	217.0	218.7
35°	250.1	249.7	247.5	247.6	247.5	249.7	250.1	251.0	251.2	248.4	252.1
32.5°	295.4	295.6	292.3	291.5	292.3	295.6	295.4	296.4	294.4	293.7	295.7
30°	354.3	355.6	351.7	353.4	351.7	355.6	354.3	357.4	352.4	355.0	353.3
27.5°	438.7	441.1	437.7	435.0	437.7	441.1	438.7	438.8	431.4	436.6	427.8
25°	554.8	556.6	552.7	549.4	552.7	556.6	554.8	548.0	542.9	542.0	535.1
22.5°	706.0	705.9	705.7	711.1	705.7	705.9	706.0	691.8	689.3	674.6	678.3
20°	890.0	885.6	892.2	896.6	892.2	885.6	890.0	882.4	870.6	856.8	848.2
17.5°	1100.8	1109.2	1115.6	1126.3	1115.6	1109.2	1100.8	1098.0	1085.9	1073.8	1052.5
15°	1349.4	1362.0	1368.4	1364.9	1368.4	1362.0	1349.4	1340.3	1336.7	1316.2	1305.5
12.5°	1662.3	1677.4	1666.3	1652.4	1666.3	1677.4	1662.3	1661.3	1633.4	1639.5	1605.5
10°	2103.8	2136.2	2138.0	2110.9	2138.0	2136.2	2103.8	2103.6	2117.0	2094.0	2093.5
7.5°	2781.1	2796.8	2820.8	2822.0	2820.8	2796.8	2781.1	2770.3	2751.7	2723.2	2663.6
5°	3475.7	3517.6	3544.7	3591.5	3544.7	3517.6	3475.7	3446.0	3380.4	3306.9	3244.0
2.5°	3949.4	4003.6	4024.5	4077.5	4024.5	4003.6	3949.4	3890.8	3800.2	3692.7	3576.7
0°	4122.0	4165.9	4192.2	4213.2	4192.2	4165.9	4122.0	4053.3	3976.4	3862.3	3735.8
-2.5°	3949.4	4003.6	4024.5	4077.5	4024.5	4003.6	3949.4	3890.8	3800.2	3692.7	3576.7
-5°	3475.7	3517.6	3544.7	3591.5	3544.7	3517.6	3475.7	3446.0	3380.4	3306.9	3244.0
-7.5°	2781.1	2796.8	2820.8	2822.0	2820.8	2796.8	2781.1	2770.3	2751.7	2723.2	2663.6
-10°	2103.8	2136.2	2138.0	2110.9	2138.0	2136.2	2103.8	2103.6	2117.0	2094.0	2093.5
-12.5°	1662.3	1677.4	1666.3	1652.4	1666.3	1677.4	1662.3	1661.3	1633.4	1639.5	1605.5
-15°	1349.4	1362.0	1368.4	1364.9	1368.4	1362.0	1349.4	1340.3	1336.7	1316.2	1305.5
-17.5°	1100.8	1109.2	1115.6	1126.3	1115.6	1109.2	1100.8	1098.0	1085.9	1073.8	1052.5
-20°	890.0	885.6	892.2	896.6	892.2	885.6	890.0	882.4	870.6	856.8	848.2



REPORT NUMBER: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	706.0	705.9	705.7	711.1	705.7	705.9	706.0	691.8	689.3	674.6	678.3
-25°	554.8	556.6	552.7	549.4	552.7	556.6	554.8	548.0	542.9	542.0	535.1
-27.5°	438.7	441.1	437.7	435.0	437.7	441.1	438.7	438.8	431.4	436.6	427.8
-30°	354.3	355.6	351.7	353.4	351.7	355.6	354.3	357.4	352.4	355.0	353.3
-32.5°	295.4	295.6	292.3	291.5	292.3	295.6	295.4	296.4	294.4	293.7	295.7
-35°	250.1	249.7	247.5	247.6	247.5	249.7	250.1	251.0	251.2	248.4	252.1
-37.5°	218.1	217.8	216.4	215.8	216.4	217.8	218.1	218.0	218.9	217.0	218.7
-40°	193.9	193.8	193.1	192.9	193.1	193.8	193.9	193.1	194.0	192.8	192.6
-42.5°	175.1	174.7	174.3	174.4	174.3	174.7	175.1	174.6	175.1	174.3	172.5
-45°	160.8	160.5	160.1	160.1	160.1	160.5	160.8	160.4	160.2	159.5	158.0
-47.5°	148.9	149.0	149.0	149.0	149.0	149.0	148.9	148.4	148.0	147.4	146.2
-50°	138.8	138.9	138.8	138.8	138.8	138.9	138.8	138.4	137.7	137.1	135.8
-52.5°	130.0	130.4	130.5	130.5	130.5	130.4	130.0	129.3	128.4	127.6	126.2
-55°	121.6	122.0	122.2	122.1	122.2	122.0	121.6	120.9	119.9	118.9	117.6
-57.5°	113.6	114.2	114.2	113.8	114.2	114.2	113.6	112.8	111.7	110.6	109.3
-60°	105.0	105.5	105.6	105.4	105.6	105.5	105.0	104.2	103.1	102.0	100.6
-62.5°	95.8	96.4	96.7	96.8	96.7	96.4	95.8	95.1	94.1	92.9	91.5
-65°	86.5	87.1	87.4	87.5	87.4	87.1	86.5	85.7	84.7	83.6	82.3
-67.5°	76.7	77.2	77.6	77.9	77.6	77.2	76.7	76.0	75.1	74.0	72.8
-70°	66.8	67.3	67.3	67.1	67.3	67.3	66.8	66.0	65.1	64.1	63.1
-72.5°	56.1	56.6	56.7	56.6	56.7	56.6	56.1	55.6	54.9	54.1	53.3
-75°	45.4	45.6	45.5	45.4	45.5	45.6	45.4	45.1	44.7	44.2	43.5
-77.5°	35.2	35.4	35.6	35.6	35.6	35.4	35.2	34.9	34.5	34.0	33.7
-80°	25.6	25.6	25.5	25.4	25.5	25.6	25.6	25.5	25.4	25.2	25.0
-82.5°	17.8	17.8	17.9	17.9	17.9	17.8	17.8	17.7	17.6	17.5	17.4
-85°	10.2	10.2	10.3	10.5	10.3	10.2	10.2	10.3	10.3	10.3	10.2
-87.5°	3.7	3.7	3.8	4.0	3.8	3.7	3.7	3.8	3.8	3.9	3.9
-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: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-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°	3.9	3.9	3.9	4.0	4.2	4.3	4.3	4.2	4.1	3.9	3.7
85°	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.7	8.4
82.5°	17.3	17.1	16.9	16.5	16.0	15.5	15.0	14.7	14.4	14.1	13.7
80°	24.8	24.5	24.2	23.7	23.2	22.5	21.8	21.2	20.6	19.9	19.4
77.5°	33.4	32.9	32.3	31.7	31.0	30.2	29.4	28.7	27.9	27.0	26.2
75°	42.8	42.0	41.1	40.4	39.5	38.5	37.6	36.7	35.7	34.5	33.6
72.5°	52.3	51.3	50.2	49.1	48.0	46.8	45.8	45.0	43.8	42.4	41.5
70°	61.9	60.6	59.3	57.9	56.4	54.9	54.0	53.2	52.2	50.8	49.9
67.5°	71.5	70.0	68.5	67.0	65.3	63.3	62.4	61.4	60.2	58.8	58.4
65°	80.8	79.2	77.8	76.1	74.3	72.2	71.3	70.2	68.8	67.2	67.0
62.5°	89.9	87.9	86.6	85.1	83.2	81.5	80.6	79.4	77.7	76.5	76.4
60°	99.0	97.3	95.9	94.2	92.2	90.9	90.1	88.8	86.8	86.4	86.2
57.5°	107.7	106.3	105.0	103.3	101.3	100.6	99.9	98.5	96.5	96.8	96.3
55°	115.9	114.8	113.8	112.2	110.4	110.6	110.0	108.6	107.5	107.8	107.3
52.5°	124.4	124.0	123.0	121.3	120.5	121.0	120.3	119.0	119.2	119.6	118.8
50°	134.4	134.1	133.1	131.4	131.9	132.4	131.8	130.1	131.7	132.1	131.0
47.5°	145.5	145.5	144.3	142.8	144.6	144.9	144.3	144.4	145.8	145.4	144.0
45°	158.5	158.7	157.4	157.6	158.9	159.1	157.8	160.2	161.1	160.3	157.7
42.5°	174.3	174.1	172.6	174.9	175.7	175.2	175.7	178.1	178.2	176.4	176.5
40°	194.1	193.0	193.3	195.3	195.7	193.5	197.5	198.4	197.5	194.2	198.9
37.5°	219.2	217.0	219.7	220.3	219.4	220.6	223.4	222.8	219.1	222.3	225.3
35°	251.0	250.2	252.8	252.0	248.0	254.5	255.3	251.3	249.9	256.0	255.6
32.5°	290.7	294.9	294.4	290.8	293.2	294.5	292.6	285.9	294.5	296.8	291.5
30°	349.8	351.9	347.4	345.1	349.3	344.6	334.9	344.8	348.5	343.8	332.1
27.5°	430.5	424.5	416.3	421.5	416.6	405.3	408.7	413.7	409.4	398.1	384.8
25°	533.1	516.3	520.4	516.8	500.6	497.5	502.6	496.9	481.2	464.3	482.9
22.5°	662.0	655.8	649.0	628.5	623.6	625.0	612.8	590.1	576.2	594.0	594.6
20°	835.4	824.6	801.1	792.4	787.9	766.8	736.1	733.0	747.5	740.1	717.6
17.5°	1043.3	1015.0	1010.1	996.5	970.4	929.0	944.7	950.1	936.3	897.6	850.5
15°	1267.5	1283.8	1269.6	1227.7	1202.9	1221.6	1212.4	1182.2	1140.3	1069.5	989.3
12.5°	1635.5	1611.6	1551.9	1573.8	1567.7	1545.0	1498.6	1432.1	1345.0	1230.4	1114.8
10°	2062.5	2045.3	2027.9	1999.1	1951.7	1884.3	1771.7	1646.7	1516.6	1381.4	1241.0
7.5°	2618.9	2572.4	2513.1	2407.3	2275.0	2138.7	1995.9	1846.7	1687.8	1530.1	1366.1
5°	3125.2	2988.3	2848.6	2703.4	2543.1	2379.9	2215.2	2043.4	1856.1	1674.5	1487.3
2.5°	3444.3	3301.8	3147.9	2980.2	2773.7	2565.4	2357.1	2148.9	1926.0	1716.0	1506.1
0°	3586.2	3420.2	3230.1	3041.2	2835.3	2617.9	2384.8	2171.2	1943.0	1729.4	1516.7
-2.5°	3444.3	3301.8	3147.9	2980.2	2773.7	2565.4	2357.1	2148.9	1926.0	1716.0	1506.1
-5°	3125.2	2988.3	2848.6	2703.4	2543.1	2379.9	2215.2	2043.4	1856.1	1674.5	1487.3
-7.5°	2618.9	2572.4	2513.1	2407.3	2275.0	2138.7	1995.9	1846.7	1687.8	1530.1	1366.1
-10°	2062.5	2045.3	2027.9	1999.1	1951.7	1884.3	1771.7	1646.7	1516.6	1381.4	1241.0
-12.5°	1635.5	1611.6	1551.9	1573.8	1567.7	1545.0	1498.6	1432.1	1345.0	1230.4	1114.8
-15°	1267.5	1283.8	1269.6	1227.7	1202.9	1221.6	1212.4	1182.2	1140.3	1069.5	989.3
-17.5°	1043.3	1015.0	1010.1	996.5	970.4	929.0	944.7	950.1	936.3	897.6	850.5
-20°	835.4	824.6	801.1	792.4	787.9	766.8	736.1	733.0	747.5	740.1	717.6



REPORT NUMBER: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	662.0	655.8	649.0	628.5	623.6	625.0	612.8	590.1	576.2	594.0	594.6
-25°	533.1	516.3	520.4	516.8	500.6	497.5	502.6	496.9	481.2	464.3	482.9
-27.5°	430.5	424.5	416.3	421.5	416.6	405.3	408.7	413.7	409.4	398.1	384.8
-30°	349.8	351.9	347.4	345.1	349.3	344.6	334.9	344.8	348.5	343.8	332.1
-32.5°	290.7	294.9	294.4	290.8	293.2	294.5	292.6	285.9	294.5	296.8	291.5
-35°	251.0	250.2	252.8	252.0	248.0	254.5	255.3	251.3	249.9	256.0	255.6
-37.5°	219.2	217.0	219.7	220.3	219.4	220.6	223.4	222.8	219.1	222.3	225.3
-40°	194.1	193.0	193.3	195.3	195.7	193.5	197.5	198.4	197.5	194.2	198.9
-42.5°	174.3	174.1	172.6	174.9	175.7	175.2	175.7	178.1	178.2	176.4	176.5
-45°	158.5	158.7	157.4	157.6	158.9	159.1	157.8	160.2	161.1	160.3	157.7
-47.5°	145.5	145.5	144.3	142.8	144.6	144.9	144.3	144.4	145.8	145.4	144.0
-50°	134.4	134.1	133.1	131.4	131.9	132.4	131.8	130.1	131.7	132.1	131.0
-52.5°	124.4	124.0	123.0	121.3	120.5	121.0	120.3	119.0	119.2	119.6	118.8
-55°	115.9	114.8	113.8	112.2	110.4	110.6	110.0	108.6	107.5	107.8	107.3
-57.5°	107.7	106.3	105.0	103.3	101.3	100.6	99.9	98.5	96.5	96.8	96.3
-60°	99.0	97.3	95.9	94.2	92.2	90.9	90.1	88.8	86.8	86.4	86.2
-62.5°	89.9	87.9	86.6	85.1	83.2	81.5	80.6	79.4	77.7	76.5	76.4
-65°	80.8	79.2	77.8	76.1	74.3	72.2	71.3	70.2	68.8	67.2	67.0
-67.5°	71.5	70.0	68.5	67.0	65.3	63.3	62.4	61.4	60.2	58.8	58.4
-70°	61.9	60.6	59.3	57.9	56.4	54.9	54.0	53.2	52.2	50.8	49.9
-72.5°	52.3	51.3	50.2	49.1	48.0	46.8	45.8	45.0	43.8	42.4	41.5
-75°	42.8	42.0	41.1	40.4	39.5	38.5	37.6	36.7	35.7	34.5	33.6
-77.5°	33.4	32.9	32.3	31.7	31.0	30.2	29.4	28.7	27.9	27.0	26.2
-80°	24.8	24.5	24.2	23.7	23.2	22.5	21.8	21.2	20.6	19.9	19.4
-82.5°	17.3	17.1	16.9	16.5	16.0	15.5	15.0	14.7	14.4	14.1	13.7
-85°	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.7	8.4
-87.5°	3.9	3.9	3.9	4.0	4.2	4.3	4.3	4.2	4.1	3.9	3.7
-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: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-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°	3.6	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9
85°	8.1	7.7	7.3	6.9	6.4	5.7	5.4	5.0	4.6	4.2	3.8
82.5°	13.3	12.9	12.4	11.8	11.3	10.7	9.9	8.9	7.7	6.5	5.7
80°	19.3	18.9	18.3	17.4	16.6	15.6	14.7	13.5	12.1	10.5	8.8
77.5°	25.9	25.3	24.5	23.7	22.6	21.4	19.9	18.3	16.5	14.6	12.5
75°	33.1	32.4	31.5	30.3	28.8	27.1	25.4	23.5	21.3	18.7	16.1
72.5°	40.9	40.0	38.8	37.2	35.4	33.4	31.0	28.6	26.1	23.2	19.9
70°	49.1	47.9	46.4	44.7	42.4	39.7	37.0	34.3	31.1	27.8	24.1
67.5°	57.5	56.2	54.4	52.4	50.0	46.9	43.2	40.1	36.6	32.4	28.2
65°	66.3	64.7	62.5	60.6	57.9	54.4	50.4	46.3	42.3	37.7	32.4
62.5°	75.4	73.7	71.7	69.2	66.0	62.3	57.7	53.4	48.1	43.0	37.0
60°	85.1	83.3	81.2	78.5	74.7	70.2	65.6	60.5	54.8	48.3	41.9
57.5°	95.2	93.1	91.4	88.3	84.1	78.8	73.9	68.3	61.5	54.3	46.7
55°	105.6	103.7	102.1	98.8	93.9	88.0	82.8	76.4	68.4	60.4	51.6
52.5°	116.8	115.5	113.5	109.8	104.4	98.1	93.0	84.9	76.3	66.5	57.0
50°	128.6	128.5	125.9	121.5	115.3	110.1	103.6	94.8	84.3	72.9	62.5
47.5°	143.0	142.8	139.8	134.0	126.9	123.0	115.7	105.3	92.5	80.3	68.1
45°	159.5	158.4	154.7	148.2	141.9	137.6	128.7	116.2	102.4	87.8	73.7
42.5°	177.7	175.7	170.6	163.1	160.5	153.8	142.4	128.6	112.5	95.4	79.8
40°	199.1	194.9	187.8	184.0	181.4	171.4	158.3	141.6	122.9	103.4	86.4
37.5°	222.8	216.6	207.2	210.1	204.6	192.2	175.2	155.1	133.7	112.6	92.8
35°	250.5	240.9	241.0	240.6	231.2	214.5	193.1	169.7	145.7	121.7	99.2
32.5°	280.7	278.2	282.5	275.6	260.3	238.2	213.0	185.7	157.9	130.7	105.4
30°	323.7	334.0	329.4	314.0	292.5	265.4	234.4	202.2	170.2	139.6	111.8
27.5°	397.8	397.5	382.3	358.4	328.6	294.2	256.1	218.9	182.5	149.0	119.1
25°	481.5	469.5	443.4	407.2	366.9	323.0	278.1	235.8	195.9	159.0	126.2
22.5°	577.0	548.0	509.7	459.3	404.8	352.7	301.6	254.3	209.8	168.9	133.0
20°	680.4	631.6	579.1	510.3	445.6	385.0	326.4	272.7	223.4	178.5	139.5
17.5°	791.0	718.0	645.1	565.5	488.5	417.6	351.2	290.8	236.8	187.8	145.7
15°	898.2	804.3	713.1	621.1	531.6	450.1	375.7	308.4	249.7	196.7	150.6
12.5°	1003.9	891.9	782.0	676.5	574.3	482.1	399.6	325.4	262.1	203.1	153.8
10°	1109.4	979.4	850.9	730.8	616.1	513.3	422.6	338.7	268.0	207.2	156.5
7.5°	1213.3	1065.5	918.6	783.5	652.2	533.7	432.5	344.7	271.9	210.5	158.5
5°	1298.1	1121.8	949.4	799.1	662.3	541.8	438.6	349.4	274.5	213.0	160.1
2.5°	1309.5	1131.0	954.0	805.3	669.0	547.4	442.6	352.6	276.0	214.7	161.0
0°	1313.9	1134.0	953.4	807.2	672.4	550.3	444.6	354.3	276.4	215.5	161.4
-2.5°	1309.5	1131.0	954.0	805.3	669.0	547.4	442.6	352.6	276.0	214.7	161.0
-5°	1298.1	1121.8	949.4	799.1	662.3	541.8	438.6	349.4	274.5	213.0	160.1
-7.5°	1213.3	1065.5	918.6	783.5	652.2	533.7	432.5	344.7	271.9	210.5	158.5
-10°	1109.4	979.4	850.9	730.8	616.1	513.3	422.6	338.7	268.0	207.2	156.5
-12.5°	1003.9	891.9	782.0	676.5	574.3	482.1	399.6	325.4	262.1	203.1	153.8
-15°	898.2	804.3	713.1	621.1	531.6	450.1	375.7	308.4	249.7	196.7	150.6
-17.5°	791.0	718.0	645.1	565.5	488.5	417.6	351.2	290.8	236.8	187.8	145.7
-20°	680.4	631.6	579.1	510.3	445.6	385.0	326.4	272.7	223.4	178.5	139.5



REPORT NUMBER: P558502 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	577.0	548.0	509.7	459.3	404.8	352.7	301.6	254.3	209.8	168.9	133.0
-25°	481.5	469.5	443.4	407.2	366.9	323.0	278.1	235.8	195.9	159.0	126.2
-27.5°	397.8	397.5	382.3	358.4	328.6	294.2	256.1	218.9	182.5	149.0	119.1
-30°	323.7	334.0	329.4	314.0	292.5	265.4	234.4	202.2	170.2	139.6	111.8
-32.5°	280.7	278.2	282.5	275.6	260.3	238.2	213.0	185.7	157.9	130.7	105.4
-35°	250.5	240.9	241.0	240.6	231.2	214.5	193.1	169.7	145.7	121.7	99.2
-37.5°	222.8	216.6	207.2	210.1	204.6	192.2	175.2	155.1	133.7	112.6	92.8
-40°	199.1	194.9	187.8	184.0	181.4	171.4	158.3	141.6	122.9	103.4	86.4
-42.5°	177.7	175.7	170.6	163.1	160.5	153.8	142.4	128.6	112.5	95.4	79.8
-45°	159.5	158.4	154.7	148.2	141.9	137.6	128.7	116.2	102.4	87.8	73.7
-47.5°	143.0	142.8	139.8	134.0	126.9	123.0	115.7	105.3	92.5	80.3	68.1
-50°	128.6	128.5	125.9	121.5	115.3	110.1	103.6	94.8	84.3	72.9	62.5
-52.5°	116.8	115.5	113.5	109.8	104.4	98.1	93.0	84.9	76.3	66.5	57.0
-55°	105.6	103.7	102.1	98.8	93.9	88.0	82.8	76.4	68.4	60.4	51.6
-57.5°	95.2	93.1	91.4	88.3	84.1	78.8	73.9	68.3	61.5	54.3	46.7
-60°	85.1	83.3	81.2	78.5	74.7	70.2	65.6	60.5	54.8	48.3	41.9
-62.5°	75.4	73.7	71.7	69.2	66.0	62.3	57.7	53.4	48.1	43.0	37.0
-65°	66.3	64.7	62.5	60.6	57.9	54.4	50.4	46.3	42.3	37.7	32.4
-67.5°	57.5	56.2	54.4	52.4	50.0	46.9	43.2	40.1	36.6	32.4	28.2
-70°	49.1	47.9	46.4	44.7	42.4	39.7	37.0	34.3	31.1	27.8	24.1
-72.5°	40.9	40.0	38.8	37.2	35.4	33.4	31.0	28.6	26.1	23.2	19.9
-75°	33.1	32.4	31.5	30.3	28.8	27.1	25.4	23.5	21.3	18.7	16.1
-77.5°	25.9	25.3	24.5	23.7	22.6	21.4	19.9	18.3	16.5	14.6	12.5
-80°	19.3	18.9	18.3	17.4	16.6	15.6	14.7	13.5	12.1	10.5	8.8
-82.5°	13.3	12.9	12.4	11.8	11.3	10.7	9.9	8.9	7.7	6.5	5.7
-85°	8.1	7.7	7.3	6.9	6.4	5.7	5.4	5.0	4.6	4.2	3.8
-87.5°	3.6	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.5	1.3	1.0	0.7	0.3	0.0
85°	3.4	3.0	2.5	2.0	1.4	0.7	0.0
82.5°	5.0	4.5	3.8	3.0	2.1	1.0	0.0
80°	6.9	5.9	5.0	4.0	2.8	1.4	0.0
77.5°	10.2	7.9	6.3	5.0	3.5	1.7	0.0
75°	13.4	10.7	7.7	5.9	4.1	2.1	0.0
72.5°	16.7	13.5	10.0	6.9	4.8	2.4	0.0
70°	20.0	16.3	12.3	8.0	5.5	2.7	0.0
67.5°	23.7	19.0	14.6	9.8	6.1	3.1	0.0
65°	27.4	22.0	16.8	11.5	6.8	3.4	0.0
62.5°	31.2	25.2	19.1	13.2	7.4	3.7	0.0
60°	34.9	28.4	21.2	14.9	8.0	4.0	0.0
57.5°	39.1	31.6	23.8	16.5	9.1	4.3	0.0
55°	43.3	34.7	26.3	18.1	10.2	4.6	0.0
52.5°	47.4	37.8	28.8	19.7	11.2	4.9	0.0
50°	51.5	41.3	31.3	21.3	12.2	5.1	0.0
47.5°	55.7	44.6	33.7	22.8	13.2	5.4	0.0
45°	60.5	47.9	36.0	24.6	14.1	5.7	0.0
42.5°	65.3	51.1	38.3	26.3	15.1	5.9	0.0
40°	70.0	54.3	40.7	27.9	15.9	6.1	0.0
37.5°	74.6	57.3	43.1	29.4	16.8	6.3	0.0
35°	79.2	60.8	45.4	30.8	17.6	6.6	0.0
32.5°	83.9	64.4	47.6	32.1	18.3	6.7	0.0
30°	89.0	67.8	49.7	33.3	19.0	6.9	0.0
27.5°	93.8	71.2	51.5	34.4	19.7	7.1	0.0
25°	98.5	74.4	53.1	35.4	20.3	7.3	0.0
22.5°	102.9	77.3	54.6	36.3	20.8	7.4	0.0
20°	107.2	79.5	55.9	37.1	21.4	7.5	0.0
17.5°	110.4	81.4	57.2	37.8	21.8	7.6	0.0
15°	112.8	83.1	58.3	38.4	22.2	7.7	0.0
12.5°	114.8	84.5	59.3	38.9	22.6	7.8	0.0
10°	116.5	85.6	60.1	39.3	22.9	7.9	0.0
7.5°	117.8	86.5	60.7	39.6	23.1	7.9	0.0
5°	118.8	87.1	61.3	39.8	23.3	8.0	0.0
2.5°	119.4	87.4	61.6	39.9	23.4	8.0	0.0
0°	119.6	87.5	61.8	39.9	23.5	8.0	0.0
-2.5°	119.4	87.4	61.6	39.9	23.4	8.0	0.0
-5°	118.8	87.1	61.3	39.8	23.3	8.0	0.0
-7.5°	117.8	86.5	60.7	39.6	23.1	7.9	0.0
-10°	116.5	85.6	60.1	39.3	22.9	7.9	0.0
-12.5°	114.8	84.5	59.3	38.9	22.6	7.8	0.0
-15°	112.8	83.1	58.3	38.4	22.2	7.7	0.0
-17.5°	110.4	81.4	57.2	37.8	21.8	7.6	0.0
-20°	107.2	79.5	55.9	37.1	21.4	7.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.9	77.3	54.6	36.3	20.8	7.4	0.0
-25°	98.5	74.4	53.1	35.4	20.3	7.3	0.0
-27.5°	93.8	71.2	51.5	34.4	19.7	7.1	0.0
-30°	89.0	67.8	49.7	33.3	19.0	6.9	0.0
-32.5°	83.9	64.4	47.6	32.1	18.3	6.7	0.0
-35°	79.2	60.8	45.4	30.8	17.6	6.6	0.0
-37.5°	74.6	57.3	43.1	29.4	16.8	6.3	0.0
-40°	70.0	54.3	40.7	27.9	15.9	6.1	0.0
-42.5°	65.3	51.1	38.3	26.3	15.1	5.9	0.0
-45°	60.5	47.9	36.0	24.6	14.1	5.7	0.0
-47.5°	55.7	44.6	33.7	22.8	13.2	5.4	0.0
-50°	51.5	41.3	31.3	21.3	12.2	5.1	0.0
-52.5°	47.4	37.8	28.8	19.7	11.2	4.9	0.0
-55°	43.3	34.7	26.3	18.1	10.2	4.6	0.0
-57.5°	39.1	31.6	23.8	16.5	9.1	4.3	0.0
-60°	34.9	28.4	21.2	14.9	8.0	4.0	0.0
-62.5°	31.2	25.2	19.1	13.2	7.4	3.7	0.0
-65°	27.4	22.0	16.8	11.5	6.8	3.4	0.0
-67.5°	23.7	19.0	14.6	9.8	6.1	3.1	0.0
-70°	20.0	16.3	12.3	8.0	5.5	2.7	0.0
-72.5°	16.7	13.5	10.0	6.9	4.8	2.4	0.0
-75°	13.4	10.7	7.7	5.9	4.1	2.1	0.0
-77.5°	10.2	7.9	6.3	5.0	3.5	1.7	0.0
-80°	6.9	5.9	5.0	4.0	2.8	1.4	0.0
-82.5°	5.0	4.5	3.8	3.0	2.1	1.0	0.0
-85°	3.4	3.0	2.5	2.0	1.4	0.7	0.0
-87.5°	1.7	1.5	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)