

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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558462 (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-SA1A-927-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

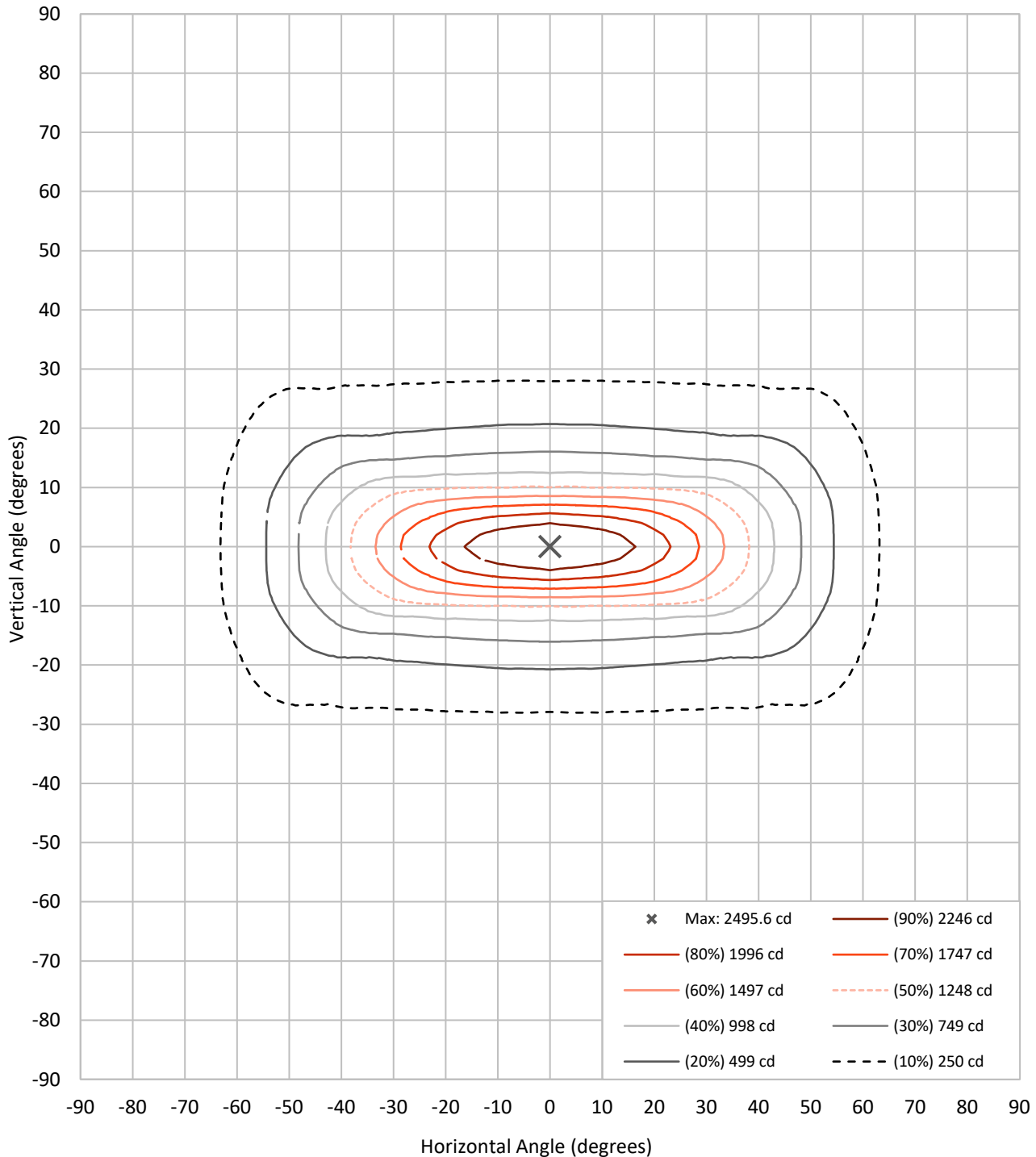
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	1787.3 lumens	Max Intensity:	2495.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	715.1 lumens	Field Lumens:	1464.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 18  
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-SA1A-927-U-NAT-XX

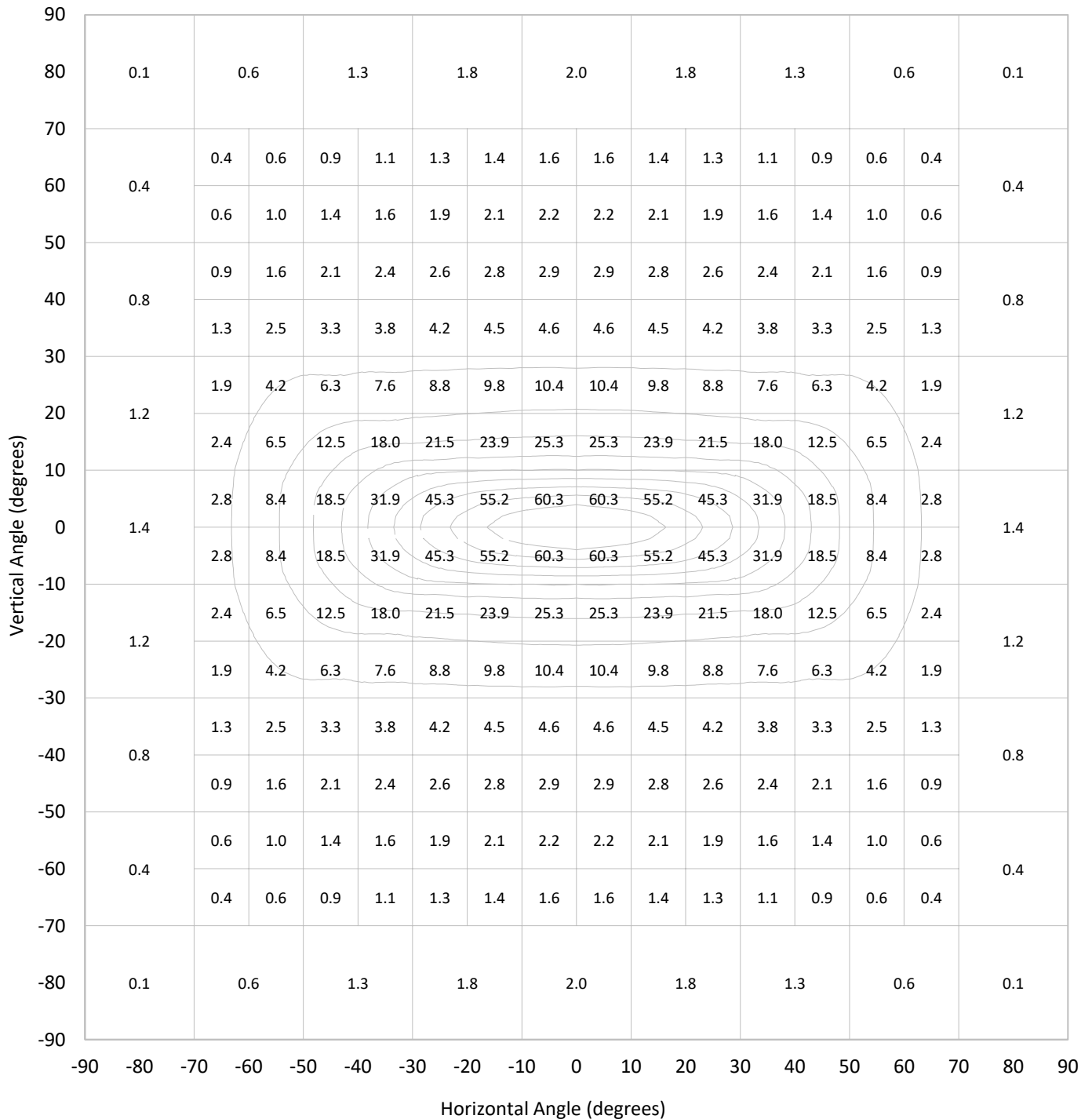
### Iso-Candela Plot





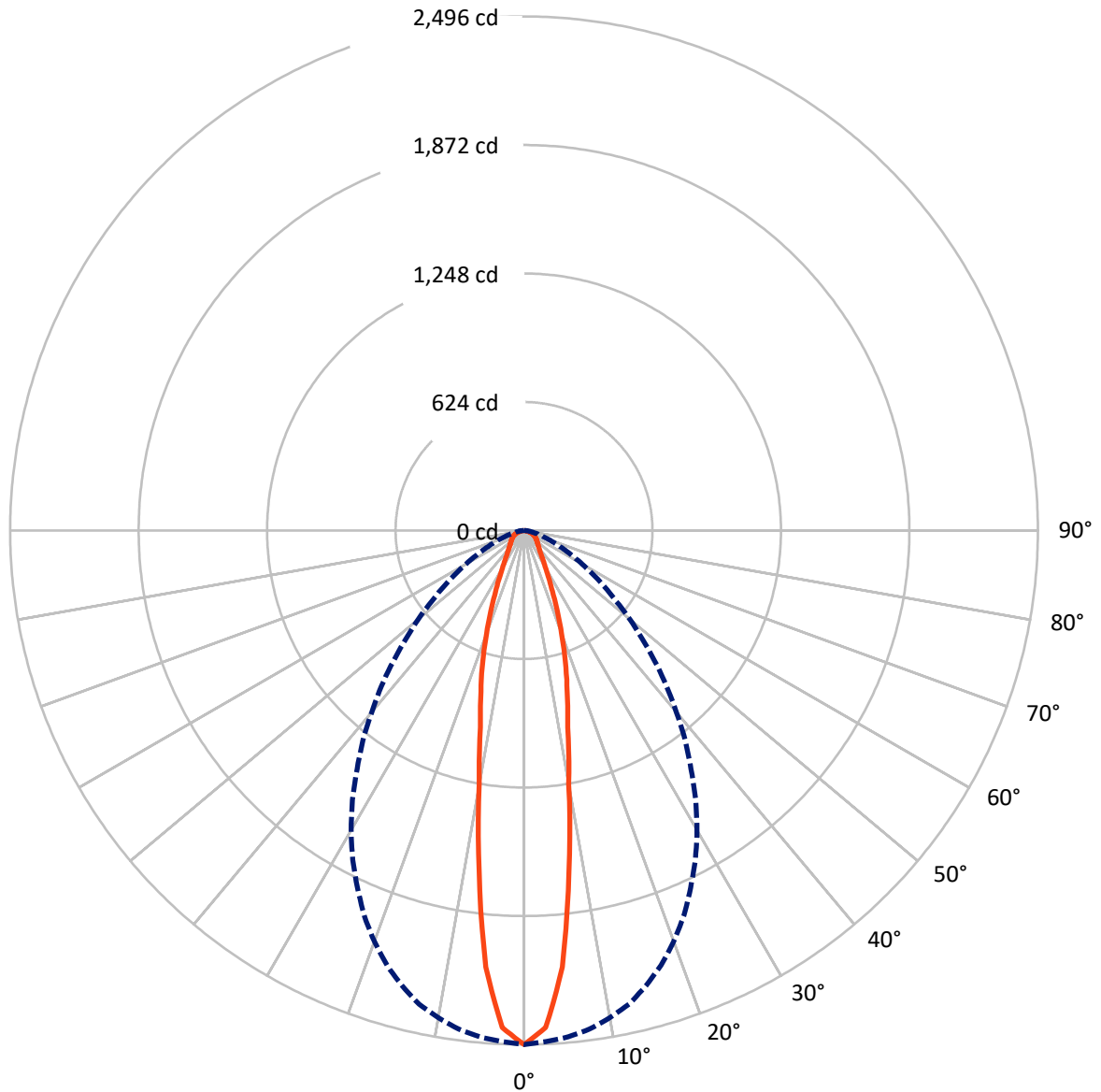
REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-NAT-XX

### Lumen Table



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-927-U-NAT-XX

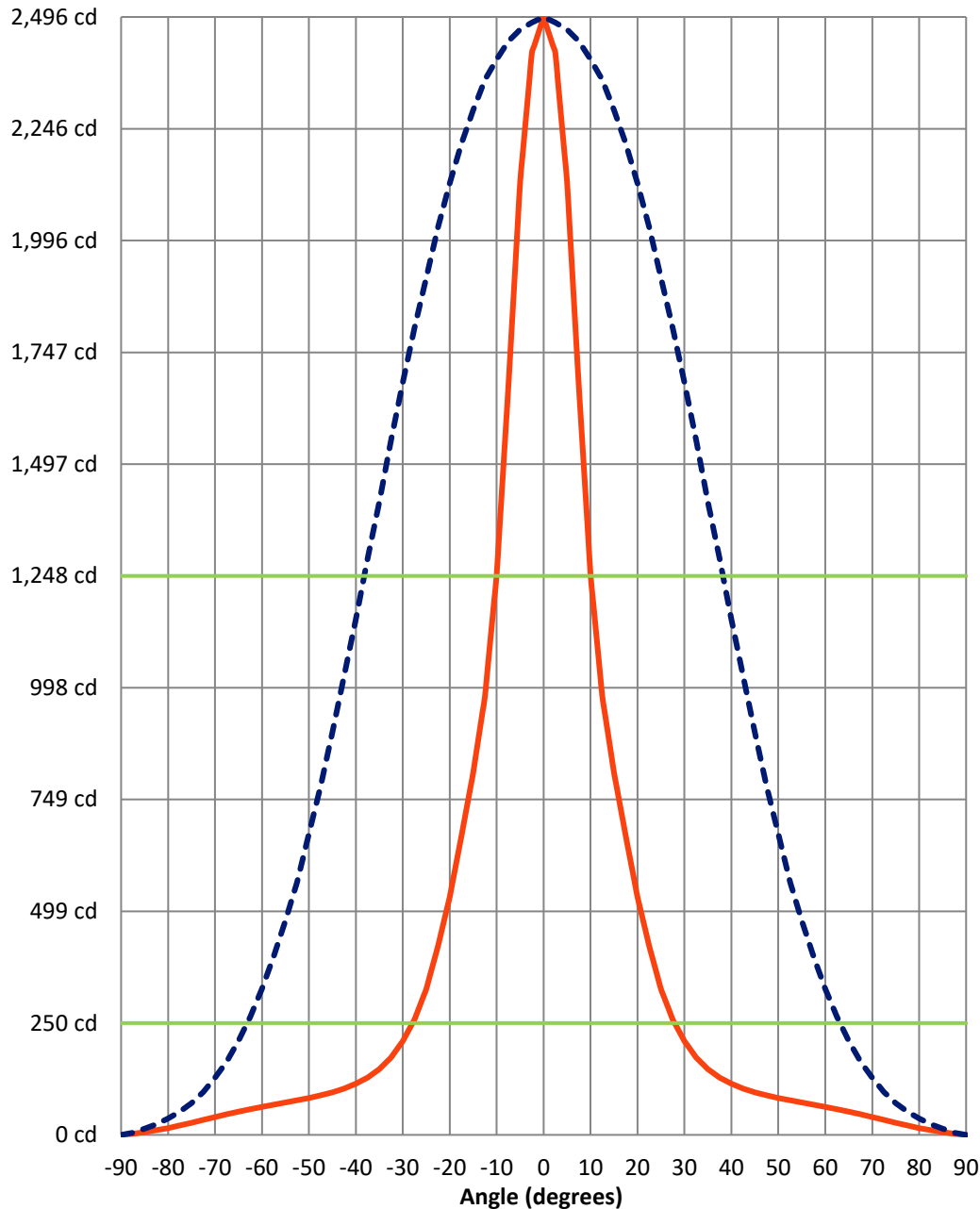
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 76.4°  
V Angle: 20°  
Lumens: 715.1  
Efficiency: 40.0%

**Field:**  
H Angle: 126.3°  
V Angle: 55.8°  
Lumens: 1464.9  
Efficiency: 82.0%

**Spill:**  
Lumens: 322.4  
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	0.2	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.5
85°	0.0	0.4	0.8	1.2	1.5	1.8	2.0	2.2	2.5	2.7	3.0
82.5°	0.0	0.6	1.3	1.8	2.2	2.6	3.0	3.4	3.8	4.6	5.3
80°	0.0	0.8	1.7	2.4	3.0	3.5	4.1	5.2	6.2	7.2	8.0
77.5°	0.0	1.0	2.1	3.0	3.7	4.7	6.0	7.4	8.7	9.8	10.9
75°	0.0	1.2	2.5	3.5	4.6	6.3	8.0	9.6	11.1	12.6	13.9
72.5°	0.0	1.4	2.9	4.1	6.0	8.0	9.9	11.8	13.8	15.5	16.9
70°	0.0	1.6	3.3	4.8	7.3	9.7	11.9	14.3	16.4	18.4	20.3
67.5°	0.0	1.8	3.7	5.8	8.7	11.3	14.1	16.7	19.1	21.7	23.7
65°	0.0	2.0	4.1	6.8	10.0	13.1	16.3	19.1	22.3	25.0	27.4
62.5°	0.0	2.2	4.4	7.9	11.3	15.0	18.4	21.9	25.4	28.5	31.6
60°	0.0	2.4	4.8	8.8	12.6	16.8	20.6	24.8	28.6	32.5	35.9
57.5°	0.0	2.6	5.4	9.8	14.1	18.7	23.1	27.7	32.2	36.4	40.5
55°	0.0	2.8	6.1	10.8	15.6	20.5	25.6	30.6	35.8	40.6	45.3
52.5°	0.0	2.9	6.7	11.7	17.1	22.4	28.1	33.8	39.4	45.2	50.3
50°	0.0	3.1	7.3	12.6	18.5	24.4	30.5	37.1	43.2	49.9	56.2
47.5°	0.0	3.2	7.9	13.5	20.0	26.4	33.0	40.4	47.6	54.7	62.4
45°	0.0	3.4	8.4	14.6	21.4	28.4	35.9	43.7	52.0	60.6	68.8
42.5°	0.0	3.5	9.0	15.6	22.7	30.3	38.7	47.3	56.5	66.6	76.2
40°	0.0	3.7	9.5	16.5	24.1	32.2	41.5	51.2	61.2	72.8	83.9
37.5°	0.0	3.8	10.0	17.4	25.5	34.0	44.2	55.0	66.7	79.2	91.9
35°	0.0	3.9	10.4	18.2	26.9	36.0	46.9	58.7	72.0	86.3	100.5
32.5°	0.0	4.0	10.9	19.0	28.2	38.1	49.7	62.4	77.4	93.5	110.0
30°	0.0	4.2	11.3	19.7	29.5	40.2	52.7	66.2	82.7	100.8	119.8
27.5°	0.0	4.3	11.7	20.4	30.5	42.2	55.6	70.5	88.2	108.1	129.6
25°	0.0	4.4	12.0	21.0	31.4	44.1	58.3	74.7	94.2	116.1	139.7
22.5°	0.0	4.4	12.3	21.5	32.3	45.8	61.0	78.8	100.0	124.3	150.7
20°	0.0	4.5	12.6	22.0	33.1	47.1	63.5	82.6	105.8	132.4	161.6
17.5°	0.0	4.6	12.9	22.4	33.9	48.2	65.4	86.3	111.3	140.3	172.3
15°	0.0	4.6	13.2	22.7	34.5	49.2	66.8	89.2	116.6	148.0	182.7
12.5°	0.0	4.7	13.4	23.0	35.1	50.0	68.0	91.1	120.3	155.3	192.8
10°	0.0	4.7	13.5	23.2	35.6	50.7	69.0	92.7	122.8	158.8	200.6
7.5°	0.0	4.8	13.7	23.4	36.0	51.2	69.8	93.9	124.7	161.1	204.2
5°	0.0	4.8	13.8	23.5	36.3	51.5	70.4	94.8	126.2	162.6	207.0
2.5°	0.0	4.8	13.9	23.6	36.5	51.7	70.8	95.4	127.1	163.5	208.9
0°	0.0	4.8	13.9	23.6	36.6	51.8	70.9	95.6	127.6	163.7	209.9
-2.5°	0.0	4.8	13.9	23.6	36.5	51.7	70.8	95.4	127.1	163.5	208.9
-5°	0.0	4.8	13.8	23.5	36.3	51.5	70.4	94.8	126.2	162.6	207.0
-7.5°	0.0	4.8	13.7	23.4	36.0	51.2	69.8	93.9	124.7	161.1	204.2
-10°	0.0	4.7	13.5	23.2	35.6	50.7	69.0	92.7	122.8	158.8	200.6
-12.5°	0.0	4.7	13.4	23.0	35.1	50.0	68.0	91.1	120.3	155.3	192.8
-15°	0.0	4.6	13.2	22.7	34.5	49.2	66.8	89.2	116.6	148.0	182.7
-17.5°	0.0	4.6	12.9	22.4	33.9	48.2	65.4	86.3	111.3	140.3	172.3
-20°	0.0	4.5	12.6	22.0	33.1	47.1	63.5	82.6	105.8	132.4	161.6



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 CATALOG NUMBER: GFLD-SA1A-927-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	4.4	12.3	21.5	32.3	45.8	61.0	78.8	100.0	124.3	150.7
-25°	0.0	4.4	12.0	21.0	31.4	44.1	58.3	74.7	94.2	116.1	139.7
-27.5°	0.0	4.3	11.7	20.4	30.5	42.2	55.6	70.5	88.2	108.1	129.6
-30°	0.0	4.2	11.3	19.7	29.5	40.2	52.7	66.2	82.7	100.8	119.8
-32.5°	0.0	4.0	10.9	19.0	28.2	38.1	49.7	62.4	77.4	93.5	110.0
-35°	0.0	3.9	10.4	18.2	26.9	36.0	46.9	58.7	72.0	86.3	100.5
-37.5°	0.0	3.8	10.0	17.4	25.5	34.0	44.2	55.0	66.7	79.2	91.9
-40°	0.0	3.7	9.5	16.5	24.1	32.2	41.5	51.2	61.2	72.8	83.9
-42.5°	0.0	3.5	9.0	15.6	22.7	30.3	38.7	47.3	56.5	66.6	76.2
-45°	0.0	3.4	8.4	14.6	21.4	28.4	35.9	43.7	52.0	60.6	68.8
-47.5°	0.0	3.2	7.9	13.5	20.0	26.4	33.0	40.4	47.6	54.7	62.4
-50°	0.0	3.1	7.3	12.6	18.5	24.4	30.5	37.1	43.2	49.9	56.2
-52.5°	0.0	2.9	6.7	11.7	17.1	22.4	28.1	33.8	39.4	45.2	50.3
-55°	0.0	2.8	6.1	10.8	15.6	20.5	25.6	30.6	35.8	40.6	45.3
-57.5°	0.0	2.6	5.4	9.8	14.1	18.7	23.1	27.7	32.2	36.4	40.5
-60°	0.0	2.4	4.8	8.8	12.6	16.8	20.6	24.8	28.6	32.5	35.9
-62.5°	0.0	2.2	4.4	7.9	11.3	15.0	18.4	21.9	25.4	28.5	31.6
-65°	0.0	2.0	4.1	6.8	10.0	13.1	16.3	19.1	22.3	25.0	27.4
-67.5°	0.0	1.8	3.7	5.8	8.7	11.3	14.1	16.7	19.1	21.7	23.7
-70°	0.0	1.6	3.3	4.8	7.3	9.7	11.9	14.3	16.4	18.4	20.3
-72.5°	0.0	1.4	2.9	4.1	6.0	8.0	9.9	11.8	13.8	15.5	16.9
-75°	0.0	1.2	2.5	3.5	4.6	6.3	8.0	9.6	11.1	12.6	13.9
-77.5°	0.0	1.0	2.1	3.0	3.7	4.7	6.0	7.4	8.7	9.8	10.9
-80°	0.0	0.8	1.7	2.4	3.0	3.5	4.1	5.2	6.2	7.2	8.0
-82.5°	0.0	0.6	1.3	1.8	2.2	2.6	3.0	3.4	3.8	4.6	5.3
-85°	0.0	0.4	0.8	1.2	1.5	1.8	2.0	2.2	2.5	2.7	3.0
-87.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.5
-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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.5
85°	3.2	3.4	3.8	4.0	4.3	4.6	4.8	4.9	5.1	5.3	5.4
82.5°	5.8	6.3	6.7	7.0	7.3	7.6	7.9	8.1	8.3	8.6	8.7
80°	8.7	9.3	9.8	10.3	10.8	11.2	11.4	11.5	11.8	12.2	12.6
77.5°	11.8	12.6	13.4	14.0	14.5	15.0	15.3	15.5	16.0	16.5	17.0
75°	15.0	16.0	17.1	18.0	18.7	19.2	19.6	19.9	20.4	21.1	21.7
72.5°	18.4	19.7	21.0	22.0	23.0	23.7	24.2	24.6	25.1	26.0	26.6
70°	21.9	23.5	25.1	26.5	27.5	28.3	29.0	29.5	30.0	30.9	31.5
67.5°	25.6	27.8	29.6	31.1	32.2	33.2	34.1	34.6	34.8	35.6	36.3
65°	29.8	32.3	34.3	35.9	37.1	38.3	39.2	39.7	39.8	40.7	41.6
62.5°	34.2	36.9	39.1	41.0	42.5	43.7	44.7	45.3	45.4	46.0	47.0
60°	38.9	41.7	44.3	46.5	48.1	49.4	50.5	51.1	51.2	51.4	52.6
57.5°	43.8	46.7	49.8	52.3	54.2	55.2	56.4	57.0	57.3	57.1	58.3
55°	49.1	52.1	55.6	58.5	60.5	61.5	62.5	63.5	63.8	63.6	64.3
52.5°	55.1	58.1	61.9	65.1	67.2	68.4	69.1	70.3	70.8	70.6	70.5
50°	61.4	65.2	68.3	72.0	74.6	76.1	76.1	77.5	78.2	78.0	77.1
47.5°	68.5	72.9	75.2	79.4	82.8	84.5	84.7	85.2	86.1	86.3	85.5
45°	76.2	81.6	84.1	87.8	91.6	93.8	94.4	93.4	94.9	95.4	94.9
42.5°	84.4	91.1	95.1	96.5	101.1	104.1	105.2	104.5	104.5	105.5	105.5
40°	93.8	101.5	107.4	109.0	111.3	115.4	117.9	117.8	115.0	117.0	117.5
37.5°	103.8	113.9	121.2	124.5	122.7	128.3	132.0	133.4	131.7	129.7	132.0
35°	114.4	127.1	137.0	142.6	142.8	142.7	148.3	151.4	151.6	148.0	148.9
32.5°	126.2	141.1	154.2	163.2	167.3	164.8	166.3	172.6	175.8	174.4	169.4
30°	138.9	157.2	173.3	186.0	195.1	197.8	191.7	196.7	203.6	206.4	204.2
27.5°	151.7	174.3	194.7	212.3	226.4	235.4	235.6	227.9	235.8	242.5	245.1
25°	164.8	191.3	217.3	241.2	262.6	278.1	285.2	286.0	275.0	285.0	294.4
22.5°	178.7	208.9	239.8	272.0	301.9	324.5	341.8	352.2	351.8	341.4	349.5
20°	193.3	228.0	264.0	302.2	343.0	374.1	403.0	425.1	438.4	442.8	434.2
17.5°	208.0	247.3	289.4	335.0	382.1	425.3	468.6	503.8	531.7	554.6	562.8
15°	222.5	266.6	314.9	367.9	422.4	476.4	532.1	586.0	633.5	675.4	700.3
12.5°	236.6	285.6	340.2	400.7	463.2	528.3	594.7	660.4	728.8	796.7	848.3
10°	250.3	304.1	365.0	432.9	504.0	580.1	657.2	735.1	818.2	898.3	975.4
7.5°	256.1	316.2	386.3	464.1	544.1	631.2	718.7	809.2	906.3	999.7	1093.9
5°	259.7	321.0	392.3	473.4	562.4	664.5	768.9	881.0	991.8	1099.4	1210.3
2.5°	262.1	324.3	396.3	477.0	565.1	669.9	775.7	892.1	1016.4	1140.8	1272.9
0°	263.3	326.0	398.3	478.1	564.7	671.7	778.3	898.4	1024.4	1150.9	1286.1
-2.5°	262.1	324.3	396.3	477.0	565.1	669.9	775.7	892.1	1016.4	1140.8	1272.9
-5°	259.7	321.0	392.3	473.4	562.4	664.5	768.9	881.0	991.8	1099.4	1210.3
-7.5°	256.1	316.2	386.3	464.1	544.1	631.2	718.7	809.2	906.3	999.7	1093.9
-10°	250.3	304.1	365.0	432.9	504.0	580.1	657.2	735.1	818.2	898.3	975.4
-12.5°	236.6	285.6	340.2	400.7	463.2	528.3	594.7	660.4	728.8	796.7	848.3
-15°	222.5	266.6	314.9	367.9	422.4	476.4	532.1	586.0	633.5	675.4	700.3
-17.5°	208.0	247.3	289.4	335.0	382.1	425.3	468.6	503.8	531.7	554.6	562.8
-20°	193.3	228.0	264.0	302.2	343.0	374.1	403.0	425.1	438.4	442.8	434.2



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 CATALOG NUMBER: GFLD-SA1A-927-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°	178.7	208.9	239.8	272.0	301.9	324.5	341.8	352.2	351.8	341.4	349.5
-25°	164.8	191.3	217.3	241.2	262.6	278.1	285.2	286.0	275.0	285.0	294.4
-27.5°	151.7	174.3	194.7	212.3	226.4	235.4	235.6	227.9	235.8	242.5	245.1
-30°	138.9	157.2	173.3	186.0	195.1	197.8	191.7	196.7	203.6	206.4	204.2
-32.5°	126.2	141.1	154.2	163.2	167.3	164.8	166.3	172.6	175.8	174.4	169.4
-35°	114.4	127.1	137.0	142.6	142.8	142.7	148.3	151.4	151.6	148.0	148.9
-37.5°	103.8	113.9	121.2	124.5	122.7	128.3	132.0	133.4	131.7	129.7	132.0
-40°	93.8	101.5	107.4	109.0	111.3	115.4	117.9	117.8	115.0	117.0	117.5
-42.5°	84.4	91.1	95.1	96.5	101.1	104.1	105.2	104.5	104.5	105.5	105.5
-45°	76.2	81.6	84.1	87.8	91.6	93.8	94.4	93.4	94.9	95.4	94.9
-47.5°	68.5	72.9	75.2	79.4	82.8	84.5	84.7	85.2	86.1	86.3	85.5
-50°	61.4	65.2	68.3	72.0	74.6	76.1	76.1	77.5	78.2	78.0	77.1
-52.5°	55.1	58.1	61.9	65.1	67.2	68.4	69.1	70.3	70.8	70.6	70.5
-55°	49.1	52.1	55.6	58.5	60.5	61.5	62.5	63.5	63.8	63.6	64.3
-57.5°	43.8	46.7	49.8	52.3	54.2	55.2	56.4	57.0	57.3	57.1	58.3
-60°	38.9	41.7	44.3	46.5	48.1	49.4	50.5	51.1	51.2	51.4	52.6
-62.5°	34.2	36.9	39.1	41.0	42.5	43.7	44.7	45.3	45.4	46.0	47.0
-65°	29.8	32.3	34.3	35.9	37.1	38.3	39.2	39.7	39.8	40.7	41.6
-67.5°	25.6	27.8	29.6	31.1	32.2	33.2	34.1	34.6	34.8	35.6	36.3
-70°	21.9	23.5	25.1	26.5	27.5	28.3	29.0	29.5	30.0	30.9	31.5
-72.5°	18.4	19.7	21.0	22.0	23.0	23.7	24.2	24.6	25.1	26.0	26.6
-75°	15.0	16.0	17.1	18.0	18.7	19.2	19.6	19.9	20.4	21.1	21.7
-77.5°	11.8	12.6	13.4	14.0	14.5	15.0	15.3	15.5	16.0	16.5	17.0
-80°	8.7	9.3	9.8	10.3	10.8	11.2	11.4	11.5	11.8	12.2	12.6
-82.5°	5.8	6.3	6.7	7.0	7.3	7.6	7.9	8.1	8.3	8.6	8.7
-85°	3.2	3.4	3.8	4.0	4.3	4.6	4.8	4.9	5.1	5.3	5.4
-87.5°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	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



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
85°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1	6.1
82.5°	8.9	9.2	9.5	9.8	10.0	10.2	10.3	10.3	10.4	10.4	10.5
80°	12.9	13.3	13.7	14.1	14.3	14.5	14.7	14.8	15.0	15.1	15.1
77.5°	17.4	17.9	18.4	18.8	19.1	19.5	19.8	20.0	20.2	20.4	20.7
75°	22.3	22.8	23.4	23.9	24.4	24.9	25.4	25.8	26.2	26.5	26.7
72.5°	27.2	27.8	28.5	29.1	29.7	30.4	31.0	31.6	32.0	32.5	32.9
70°	32.0	32.5	33.4	34.3	35.1	35.9	36.7	37.3	37.9	38.5	39.1
67.5°	36.9	37.5	38.7	39.7	40.6	41.4	42.3	43.1	43.8	44.5	45.0
65°	42.3	42.8	44.0	45.1	46.1	46.9	47.9	48.7	49.5	50.2	50.7
62.5°	47.8	48.3	49.3	50.4	51.3	52.1	53.2	54.2	55.0	55.7	56.3
60°	53.3	53.8	54.6	55.8	56.8	57.6	58.6	59.6	60.4	61.1	61.7
57.5°	59.1	59.6	59.9	61.2	62.2	62.9	63.8	64.7	65.5	66.1	66.8
55°	65.1	65.4	65.3	66.5	67.4	68.0	68.7	69.7	70.4	71.0	71.6
52.5°	71.2	71.6	71.4	71.9	72.9	73.4	73.7	74.8	75.6	76.1	76.6
50°	78.1	78.4	78.1	77.9	78.8	79.4	79.6	80.5	81.2	81.6	82.0
47.5°	85.5	85.9	85.6	84.6	85.4	86.2	86.2	86.6	87.4	87.7	87.9
45°	93.5	94.3	94.1	93.3	93.2	94.0	93.9	93.6	94.5	94.9	95.0
42.5°	104.1	103.8	104.0	103.6	102.2	103.1	103.2	102.2	103.3	103.7	103.4
40°	117.0	114.6	115.9	115.7	114.4	114.3	114.9	114.1	114.2	114.9	114.4
37.5°	132.3	130.6	129.9	130.5	130.1	128.5	129.8	129.5	128.5	129.6	129.1
35°	151.2	150.7	146.9	149.2	149.7	148.2	148.7	149.3	147.1	148.8	148.7
32.5°	173.4	174.5	173.6	172.2	174.4	174.7	172.1	175.1	173.9	174.4	175.5
30°	198.4	204.1	206.9	204.4	205.8	208.4	207.2	209.3	210.3	208.7	211.7
27.5°	242.1	240.1	246.8	249.7	246.6	251.4	255.0	253.4	258.6	255.6	259.9
25°	297.7	294.7	296.5	306.1	308.3	305.8	315.8	316.9	321.0	321.6	324.7
22.5°	363.0	370.3	369.4	372.3	384.4	388.5	392.1	401.7	399.5	408.3	409.8
20°	436.1	454.2	466.7	469.3	474.5	488.4	494.8	502.4	507.5	515.7	522.7
17.5°	559.6	550.2	574.8	590.2	598.3	601.2	618.0	623.4	636.1	643.2	650.4
15°	718.1	723.5	712.5	727.2	752.0	760.4	750.8	773.3	779.6	791.7	793.9
12.5°	887.6	915.1	928.6	932.2	919.3	954.6	968.7	951.0	971.1	967.4	984.1
10°	1049.4	1116.1	1156.0	1184.1	1201.2	1211.4	1221.6	1240.0	1240.4	1253.9	1246.0
7.5°	1182.2	1266.8	1347.6	1425.9	1488.6	1523.7	1551.2	1577.7	1613.0	1629.9	1640.9
5°	1312.1	1409.7	1506.4	1601.3	1687.3	1770.0	1851.1	1921.4	1958.7	2002.3	2041.1
2.5°	1396.2	1519.6	1643.0	1765.2	1864.6	1955.7	2040.1	2118.6	2187.3	2250.9	2304.6
0°	1412.6	1550.7	1679.4	1801.4	1913.2	2025.9	2124.2	2212.8	2287.7	2355.3	2400.9
-2.5°	1396.2	1519.6	1643.0	1765.2	1864.6	1955.7	2040.1	2118.6	2187.3	2250.9	2304.6
-5°	1312.1	1409.7	1506.4	1601.3	1687.3	1770.0	1851.1	1921.4	1958.7	2002.3	2041.1
-7.5°	1182.2	1266.8	1347.6	1425.9	1488.6	1523.7	1551.2	1577.7	1613.0	1629.9	1640.9
-10°	1049.4	1116.1	1156.0	1184.1	1201.2	1211.4	1221.6	1240.0	1240.4	1253.9	1246.0
-12.5°	887.6	915.1	928.6	932.2	919.3	954.6	968.7	951.0	971.1	967.4	984.1
-15°	718.1	723.5	712.5	727.2	752.0	760.4	750.8	773.3	779.6	791.7	793.9
-17.5°	559.6	550.2	574.8	590.2	598.3	601.2	618.0	623.4	636.1	643.2	650.4
-20°	436.1	454.2	466.7	469.3	474.5	488.4	494.8	502.4	507.5	515.7	522.7



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	363.0	370.3	369.4	372.3	384.4	388.5	392.1	401.7	399.5	408.3	409.8
-25°	297.7	294.7	296.5	306.1	308.3	305.8	315.8	316.9	321.0	321.6	324.7
-27.5°	242.1	240.1	246.8	249.7	246.6	251.4	255.0	253.4	258.6	255.6	259.9
-30°	198.4	204.1	206.9	204.4	205.8	208.4	207.2	209.3	210.3	208.7	211.7
-32.5°	173.4	174.5	173.6	172.2	174.4	174.7	172.1	175.1	173.9	174.4	175.5
-35°	151.2	150.7	146.9	149.2	149.7	148.2	148.7	149.3	147.1	148.8	148.7
-37.5°	132.3	130.6	129.9	130.5	130.1	128.5	129.8	129.5	128.5	129.6	129.1
-40°	117.0	114.6	115.9	115.7	114.4	114.3	114.9	114.1	114.2	114.9	114.4
-42.5°	104.1	103.8	104.0	103.6	102.2	103.1	103.2	102.2	103.3	103.7	103.4
-45°	93.5	94.3	94.1	93.3	93.2	94.0	93.9	93.6	94.5	94.9	95.0
-47.5°	85.5	85.9	85.6	84.6	85.4	86.2	86.2	86.6	87.4	87.7	87.9
-50°	78.1	78.4	78.1	77.9	78.8	79.4	79.6	80.5	81.2	81.6	82.0
-52.5°	71.2	71.6	71.4	71.9	72.9	73.4	73.7	74.8	75.6	76.1	76.6
-55°	65.1	65.4	65.3	66.5	67.4	68.0	68.7	69.7	70.4	71.0	71.6
-57.5°	59.1	59.6	59.9	61.2	62.2	62.9	63.8	64.7	65.5	66.1	66.8
-60°	53.3	53.8	54.6	55.8	56.8	57.6	58.6	59.6	60.4	61.1	61.7
-62.5°	47.8	48.3	49.3	50.4	51.3	52.1	53.2	54.2	55.0	55.7	56.3
-65°	42.3	42.8	44.0	45.1	46.1	46.9	47.9	48.7	49.5	50.2	50.7
-67.5°	36.9	37.5	38.7	39.7	40.6	41.4	42.3	43.1	43.8	44.5	45.0
-70°	32.0	32.5	33.4	34.3	35.1	35.9	36.7	37.3	37.9	38.5	39.1
-72.5°	27.2	27.8	28.5	29.1	29.7	30.4	31.0	31.6	32.0	32.5	32.9
-75°	22.3	22.8	23.4	23.9	24.4	24.9	25.4	25.8	26.2	26.5	26.7
-77.5°	17.4	17.9	18.4	18.8	19.1	19.5	19.8	20.0	20.2	20.4	20.7
-80°	12.9	13.3	13.7	14.1	14.3	14.5	14.7	14.8	15.0	15.1	15.1
-82.5°	8.9	9.2	9.5	9.8	10.0	10.2	10.3	10.3	10.4	10.4	10.5
-85°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1	6.1
-87.5°	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
-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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3
85°	6.0	6.0	6.1	6.2	6.1	6.0	6.0	6.1	6.1	6.1	6.1
82.5°	10.5	10.5	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3
80°	15.1	15.1	15.1	15.0	15.1	15.1	15.1	15.1	15.1	15.0	14.8
77.5°	20.8	21.0	21.1	21.1	21.1	21.0	20.8	20.7	20.4	20.2	20.0
75°	26.9	27.0	27.0	26.9	27.0	27.0	26.9	26.7	26.5	26.2	25.8
72.5°	33.2	33.5	33.6	33.5	33.6	33.5	33.2	32.9	32.5	32.0	31.6
70°	39.5	39.9	39.9	39.7	39.9	39.9	39.5	39.1	38.5	37.9	37.3
67.5°	45.5	45.8	46.0	46.1	46.0	45.8	45.5	45.0	44.5	43.8	43.1
65°	51.2	51.6	51.7	51.8	51.7	51.6	51.2	50.7	50.2	49.5	48.7
62.5°	56.7	57.0	57.2	57.3	57.2	57.0	56.7	56.3	55.7	55.0	54.2
60°	62.2	62.5	62.6	62.4	62.6	62.5	62.2	61.7	61.1	60.4	59.6
57.5°	67.3	67.6	67.6	67.4	67.6	67.6	67.3	66.8	66.1	65.5	64.7
55°	72.0	72.3	72.4	72.3	72.4	72.3	72.0	71.6	71.0	70.4	69.7
52.5°	77.0	77.3	77.3	77.3	77.3	77.3	77.0	76.6	76.1	75.6	74.8
50°	82.2	82.3	82.2	82.2	82.2	82.3	82.2	82.0	81.6	81.2	80.5
47.5°	88.2	88.2	88.2	88.3	88.2	88.2	88.2	87.9	87.7	87.4	86.6
45°	95.2	95.0	94.8	94.9	94.8	95.0	95.2	95.0	94.9	94.5	93.6
42.5°	103.7	103.5	103.2	103.3	103.2	103.5	103.7	103.4	103.7	103.3	102.2
40°	114.8	114.8	114.4	114.3	114.4	114.8	114.8	114.4	114.9	114.2	114.1
37.5°	129.2	129.0	128.1	127.8	128.1	129.0	129.2	129.1	129.6	128.5	129.5
35°	148.2	147.9	146.6	146.7	146.6	147.9	148.2	148.7	148.8	147.1	149.3
32.5°	175.0	175.0	173.1	172.7	173.1	175.0	175.0	175.5	174.4	173.9	175.1
30°	209.8	210.6	208.4	209.3	208.4	210.6	209.8	211.7	208.7	210.3	209.3
27.5°	259.9	261.3	259.3	257.6	259.3	261.3	259.9	259.9	255.6	258.6	253.4
25°	328.6	329.7	327.4	325.4	327.4	329.7	328.6	324.7	321.6	321.0	316.9
22.5°	418.2	418.1	418.0	421.2	418.0	418.1	418.2	409.8	408.3	399.5	401.7
20°	527.2	524.5	528.5	531.0	528.5	524.5	527.2	522.7	515.7	507.5	502.4
17.5°	652.0	657.0	660.7	667.1	660.7	657.0	652.0	650.4	643.2	636.1	623.4
15°	799.2	806.7	810.5	808.5	810.5	806.7	799.2	793.9	791.7	779.6	773.3
12.5°	984.7	993.5	986.9	978.8	986.9	993.5	984.7	984.1	967.4	971.1	951.0
10°	1246.1	1265.3	1266.4	1250.3	1266.4	1265.3	1246.1	1246.0	1253.9	1240.4	1240.0
7.5°	1647.3	1656.6	1670.8	1671.5	1670.8	1656.6	1647.3	1640.9	1629.9	1613.0	1577.7
5°	2058.7	2083.6	2099.6	2127.3	2099.6	2083.6	2058.7	2041.1	2002.3	1958.7	1921.4
2.5°	2339.3	2371.4	2383.8	2415.2	2383.8	2371.4	2339.3	2304.6	2250.9	2187.3	2118.6
0°	2441.5	2467.5	2483.1	2495.6	2483.1	2467.5	2441.5	2400.9	2355.3	2287.7	2212.8
-2.5°	2339.3	2371.4	2383.8	2415.2	2383.8	2371.4	2339.3	2304.6	2250.9	2187.3	2118.6
-5°	2058.7	2083.6	2099.6	2127.3	2099.6	2083.6	2058.7	2041.1	2002.3	1958.7	1921.4
-7.5°	1647.3	1656.6	1670.8	1671.5	1670.8	1656.6	1647.3	1640.9	1629.9	1613.0	1577.7
-10°	1246.1	1265.3	1266.4	1250.3	1266.4	1265.3	1246.1	1246.0	1253.9	1240.4	1240.0
-12.5°	984.7	993.5	986.9	978.8	986.9	993.5	984.7	984.1	967.4	971.1	951.0
-15°	799.2	806.7	810.5	808.5	810.5	806.7	799.2	793.9	791.7	779.6	773.3
-17.5°	652.0	657.0	660.7	667.1	660.7	657.0	652.0	650.4	643.2	636.1	623.4
-20°	527.2	524.5	528.5	531.0	528.5	524.5	527.2	522.7	515.7	507.5	502.4



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	418.2	418.1	418.0	421.2	418.0	418.1	418.2	409.8	408.3	399.5	401.7
-25°	328.6	329.7	327.4	325.4	327.4	329.7	328.6	324.7	321.6	321.0	316.9
-27.5°	259.9	261.3	259.3	257.6	259.3	261.3	259.9	259.9	255.6	258.6	253.4
-30°	209.8	210.6	208.4	209.3	208.4	210.6	209.8	211.7	208.7	210.3	209.3
-32.5°	175.0	175.0	173.1	172.7	173.1	175.0	175.0	175.5	174.4	173.9	175.1
-35°	148.2	147.9	146.6	146.7	146.6	147.9	148.2	148.7	148.8	147.1	149.3
-37.5°	129.2	129.0	128.1	127.8	128.1	129.0	129.2	129.1	129.6	128.5	129.5
-40°	114.8	114.8	114.4	114.3	114.4	114.8	114.8	114.4	114.9	114.2	114.1
-42.5°	103.7	103.5	103.2	103.3	103.2	103.5	103.7	103.4	103.7	103.3	102.2
-45°	95.2	95.0	94.8	94.9	94.8	95.0	95.2	95.0	94.9	94.5	93.6
-47.5°	88.2	88.2	88.2	88.3	88.2	88.2	88.2	87.9	87.7	87.4	86.6
-50°	82.2	82.3	82.2	82.2	82.2	82.3	82.2	82.0	81.6	81.2	80.5
-52.5°	77.0	77.3	77.3	77.3	77.3	77.3	77.0	76.6	76.1	75.6	74.8
-55°	72.0	72.3	72.4	72.3	72.4	72.3	72.0	71.6	71.0	70.4	69.7
-57.5°	67.3	67.6	67.6	67.4	67.6	67.6	67.3	66.8	66.1	65.5	64.7
-60°	62.2	62.5	62.6	62.4	62.6	62.5	62.2	61.7	61.1	60.4	59.6
-62.5°	56.7	57.0	57.2	57.3	57.2	57.0	56.7	56.3	55.7	55.0	54.2
-65°	51.2	51.6	51.7	51.8	51.7	51.6	51.2	50.7	50.2	49.5	48.7
-67.5°	45.5	45.8	46.0	46.1	46.0	45.8	45.5	45.0	44.5	43.8	43.1
-70°	39.5	39.9	39.9	39.7	39.9	39.9	39.5	39.1	38.5	37.9	37.3
-72.5°	33.2	33.5	33.6	33.5	33.6	33.5	33.2	32.9	32.5	32.0	31.6
-75°	26.9	27.0	27.0	26.9	27.0	27.0	26.9	26.7	26.5	26.2	25.8
-77.5°	20.8	21.0	21.1	21.1	21.1	21.0	20.8	20.7	20.4	20.2	20.0
-80°	15.1	15.1	15.1	15.0	15.1	15.1	15.1	15.1	15.1	15.0	14.8
-82.5°	10.5	10.5	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3
-85°	6.0	6.0	6.1	6.2	6.1	6.0	6.0	6.1	6.1	6.1	6.1
-87.5°	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3
-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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
85°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.1	4.9
82.5°	10.3	10.2	10.0	9.8	9.5	9.2	8.9	8.7	8.6	8.3	8.1
80°	14.7	14.5	14.3	14.1	13.7	13.3	12.9	12.6	12.2	11.8	11.5
77.5°	19.8	19.5	19.1	18.8	18.4	17.9	17.4	17.0	16.5	16.0	15.5
75°	25.4	24.9	24.4	23.9	23.4	22.8	22.3	21.7	21.1	20.4	19.9
72.5°	31.0	30.4	29.7	29.1	28.5	27.8	27.2	26.6	26.0	25.1	24.6
70°	36.7	35.9	35.1	34.3	33.4	32.5	32.0	31.5	30.9	30.0	29.5
67.5°	42.3	41.4	40.6	39.7	38.7	37.5	36.9	36.3	35.6	34.8	34.6
65°	47.9	46.9	46.1	45.1	44.0	42.8	42.3	41.6	40.7	39.8	39.7
62.5°	53.2	52.1	51.3	50.4	49.3	48.3	47.8	47.0	46.0	45.4	45.3
60°	58.6	57.6	56.8	55.8	54.6	53.8	53.3	52.6	51.4	51.2	51.1
57.5°	63.8	62.9	62.2	61.2	59.9	59.6	59.1	58.3	57.1	57.3	57.0
55°	68.7	68.0	67.4	66.5	65.3	65.4	65.1	64.3	63.6	63.8	63.5
52.5°	73.7	73.4	72.9	71.9	71.4	71.6	71.2	70.5	70.6	70.8	70.3
50°	79.6	79.4	78.8	77.9	78.1	78.4	78.1	77.1	78.0	78.2	77.5
47.5°	86.2	86.2	85.4	84.6	85.6	85.9	85.5	85.5	86.3	86.1	85.2
45°	93.9	94.0	93.2	93.3	94.1	94.3	93.5	94.9	95.4	94.9	93.4
42.5°	103.2	103.1	102.2	103.6	104.0	103.8	104.1	105.5	105.5	104.5	104.5
40°	114.9	114.3	114.4	115.7	115.9	114.6	117.0	117.5	117.0	115.0	117.8
37.5°	129.8	128.5	130.1	130.5	129.9	130.6	132.3	132.0	129.7	131.7	133.4
35°	148.7	148.2	149.7	149.2	146.9	150.7	151.2	148.9	148.0	151.6	151.4
32.5°	172.1	174.7	174.4	172.2	173.6	174.5	173.4	169.4	174.4	175.8	172.6
30°	207.2	208.4	205.8	204.4	206.9	204.1	198.4	204.2	206.4	203.6	196.7
27.5°	255.0	251.4	246.6	249.7	246.8	240.1	242.1	245.1	242.5	235.8	227.9
25°	315.8	305.8	308.3	306.1	296.5	294.7	297.7	294.4	285.0	275.0	286.0
22.5°	392.1	388.5	384.4	372.3	369.4	370.3	363.0	349.5	341.4	351.8	352.2
20°	494.8	488.4	474.5	469.3	466.7	454.2	436.1	434.2	442.8	438.4	425.1
17.5°	618.0	601.2	598.3	590.2	574.8	550.2	559.6	562.8	554.6	531.7	503.8
15°	750.8	760.4	752.0	727.2	712.5	723.5	718.1	700.3	675.4	633.5	586.0
12.5°	968.7	954.6	919.3	932.2	928.6	915.1	887.6	848.3	796.7	728.8	660.4
10°	1221.6	1211.4	1201.2	1184.1	1156.0	1116.1	1049.4	975.4	898.3	818.2	735.1
7.5°	1551.2	1523.7	1488.6	1425.9	1347.6	1266.8	1182.2	1093.9	999.7	906.3	809.2
5°	1851.1	1770.0	1687.3	1601.3	1506.4	1409.7	1312.1	1210.3	1099.4	991.8	881.0
2.5°	2040.1	1955.7	1864.6	1765.2	1643.0	1519.6	1396.2	1272.9	1140.8	1016.4	892.1
0°	2124.2	2025.9	1913.2	1801.4	1679.4	1550.7	1412.6	1286.1	1150.9	1024.4	898.4
-2.5°	2040.1	1955.7	1864.6	1765.2	1643.0	1519.6	1396.2	1272.9	1140.8	1016.4	892.1
-5°	1851.1	1770.0	1687.3	1601.3	1506.4	1409.7	1312.1	1210.3	1099.4	991.8	881.0
-7.5°	1551.2	1523.7	1488.6	1425.9	1347.6	1266.8	1182.2	1093.9	999.7	906.3	809.2
-10°	1221.6	1211.4	1201.2	1184.1	1156.0	1116.1	1049.4	975.4	898.3	818.2	735.1
-12.5°	968.7	954.6	919.3	932.2	928.6	915.1	887.6	848.3	796.7	728.8	660.4
-15°	750.8	760.4	752.0	727.2	712.5	723.5	718.1	700.3	675.4	633.5	586.0
-17.5°	618.0	601.2	598.3	590.2	574.8	550.2	559.6	562.8	554.6	531.7	503.8
-20°	494.8	488.4	474.5	469.3	466.7	454.2	436.1	434.2	442.8	438.4	425.1



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	392.1	388.5	384.4	372.3	369.4	370.3	363.0	349.5	341.4	351.8	352.2
-25°	315.8	305.8	308.3	306.1	296.5	294.7	297.7	294.4	285.0	275.0	286.0
-27.5°	255.0	251.4	246.6	249.7	246.8	240.1	242.1	245.1	242.5	235.8	227.9
-30°	207.2	208.4	205.8	204.4	206.9	204.1	198.4	204.2	206.4	203.6	196.7
-32.5°	172.1	174.7	174.4	172.2	173.6	174.5	173.4	169.4	174.4	175.8	172.6
-35°	148.7	148.2	149.7	149.2	146.9	150.7	151.2	148.9	148.0	151.6	151.4
-37.5°	129.8	128.5	130.1	130.5	129.9	130.6	132.3	132.0	129.7	131.7	133.4
-40°	114.9	114.3	114.4	115.7	115.9	114.6	117.0	117.5	117.0	115.0	117.8
-42.5°	103.2	103.1	102.2	103.6	104.0	103.8	104.1	105.5	105.5	104.5	104.5
-45°	93.9	94.0	93.2	93.3	94.1	94.3	93.5	94.9	95.4	94.9	93.4
-47.5°	86.2	86.2	85.4	84.6	85.6	85.9	85.5	85.5	86.3	86.1	85.2
-50°	79.6	79.4	78.8	77.9	78.1	78.4	78.1	77.1	78.0	78.2	77.5
-52.5°	73.7	73.4	72.9	71.9	71.4	71.6	71.2	70.5	70.6	70.8	70.3
-55°	68.7	68.0	67.4	66.5	65.3	65.4	65.1	64.3	63.6	63.8	63.5
-57.5°	63.8	62.9	62.2	61.2	59.9	59.6	59.1	58.3	57.1	57.3	57.0
-60°	58.6	57.6	56.8	55.8	54.6	53.8	53.3	52.6	51.4	51.2	51.1
-62.5°	53.2	52.1	51.3	50.4	49.3	48.3	47.8	47.0	46.0	45.4	45.3
-65°	47.9	46.9	46.1	45.1	44.0	42.8	42.3	41.6	40.7	39.8	39.7
-67.5°	42.3	41.4	40.6	39.7	38.7	37.5	36.9	36.3	35.6	34.8	34.6
-70°	36.7	35.9	35.1	34.3	33.4	32.5	32.0	31.5	30.9	30.0	29.5
-72.5°	31.0	30.4	29.7	29.1	28.5	27.8	27.2	26.6	26.0	25.1	24.6
-75°	25.4	24.9	24.4	23.9	23.4	22.8	22.3	21.7	21.1	20.4	19.9
-77.5°	19.8	19.5	19.1	18.8	18.4	17.9	17.4	17.0	16.5	16.0	15.5
-80°	14.7	14.5	14.3	14.1	13.7	13.3	12.9	12.6	12.2	11.8	11.5
-82.5°	10.3	10.2	10.0	9.8	9.5	9.2	8.9	8.7	8.6	8.3	8.1
-85°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.1	4.9
-87.5°	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
-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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1
85°	4.8	4.6	4.3	4.0	3.8	3.4	3.2	3.0	2.7	2.5	2.2
82.5°	7.9	7.6	7.3	7.0	6.7	6.3	5.8	5.3	4.6	3.8	3.4
80°	11.4	11.2	10.8	10.3	9.8	9.3	8.7	8.0	7.2	6.2	5.2
77.5°	15.3	15.0	14.5	14.0	13.4	12.6	11.8	10.9	9.8	8.7	7.4
75°	19.6	19.2	18.7	18.0	17.1	16.0	15.0	13.9	12.6	11.1	9.6
72.5°	24.2	23.7	23.0	22.0	21.0	19.7	18.4	16.9	15.5	13.8	11.8
70°	29.0	28.3	27.5	26.5	25.1	23.5	21.9	20.3	18.4	16.4	14.3
67.5°	34.1	33.2	32.2	31.1	29.6	27.8	25.6	23.7	21.7	19.1	16.7
65°	39.2	38.3	37.1	35.9	34.3	32.3	29.8	27.4	25.0	22.3	19.1
62.5°	44.7	43.7	42.5	41.0	39.1	36.9	34.2	31.6	28.5	25.4	21.9
60°	50.5	49.4	48.1	46.5	44.3	41.7	38.9	35.9	32.5	28.6	24.8
57.5°	56.4	55.2	54.2	52.3	49.8	46.7	43.8	40.5	36.4	32.2	27.7
55°	62.5	61.5	60.5	58.5	55.6	52.1	49.1	45.3	40.6	35.8	30.6
52.5°	69.1	68.4	67.2	65.1	61.9	58.1	55.1	50.3	45.2	39.4	33.8
50°	76.1	76.1	74.6	72.0	68.3	65.2	61.4	56.2	49.9	43.2	37.1
47.5°	84.7	84.5	82.8	79.4	75.2	72.9	68.5	62.4	54.7	47.6	40.4
45°	94.4	93.8	91.6	87.8	84.1	81.6	76.2	68.8	60.6	52.0	43.7
42.5°	105.2	104.1	101.1	96.5	95.1	91.1	84.4	76.2	66.6	56.5	47.3
40°	117.9	115.4	111.3	109.0	107.4	101.5	93.8	83.9	72.8	61.2	51.2
37.5°	132.0	128.3	122.7	124.5	121.2	113.9	103.8	91.9	79.2	66.7	55.0
35°	148.3	142.7	142.8	142.6	137.0	127.1	114.4	100.5	86.3	72.0	58.7
32.5°	166.3	164.8	167.3	163.2	154.2	141.1	126.2	110.0	93.5	77.4	62.4
30°	191.7	197.8	195.1	186.0	173.3	157.2	138.9	119.8	100.8	82.7	66.2
27.5°	235.6	235.4	226.4	212.3	194.7	174.3	151.7	129.6	108.1	88.2	70.5
25°	285.2	278.1	262.6	241.2	217.3	191.3	164.8	139.7	116.1	94.2	74.7
22.5°	341.8	324.5	301.9	272.0	239.8	208.9	178.7	150.7	124.3	100.0	78.8
20°	403.0	374.1	343.0	302.2	264.0	228.0	193.3	161.6	132.4	105.8	82.6
17.5°	468.6	425.3	382.1	335.0	289.4	247.3	208.0	172.3	140.3	111.3	86.3
15°	532.1	476.4	422.4	367.9	314.9	266.6	222.5	182.7	148.0	116.6	89.2
12.5°	594.7	528.3	463.2	400.7	340.2	285.6	236.6	192.8	155.3	120.3	91.1
10°	657.2	580.1	504.0	432.9	365.0	304.1	250.3	200.6	158.8	122.8	92.7
7.5°	718.7	631.2	544.1	464.1	386.3	316.2	256.1	204.2	161.1	124.7	93.9
5°	768.9	664.5	562.4	473.4	392.3	321.0	259.7	207.0	162.6	126.2	94.8
2.5°	775.7	669.9	565.1	477.0	396.3	324.3	262.1	208.9	163.5	127.1	95.4
0°	778.3	671.7	564.7	478.1	398.3	326.0	263.3	209.9	163.7	127.6	95.6
-2.5°	775.7	669.9	565.1	477.0	396.3	324.3	262.1	208.9	163.5	127.1	95.4
-5°	768.9	664.5	562.4	473.4	392.3	321.0	259.7	207.0	162.6	126.2	94.8
-7.5°	718.7	631.2	544.1	464.1	386.3	316.2	256.1	204.2	161.1	124.7	93.9
-10°	657.2	580.1	504.0	432.9	365.0	304.1	250.3	200.6	158.8	122.8	92.7
-12.5°	594.7	528.3	463.2	400.7	340.2	285.6	236.6	192.8	155.3	120.3	91.1
-15°	532.1	476.4	422.4	367.9	314.9	266.6	222.5	182.7	148.0	116.6	89.2
-17.5°	468.6	425.3	382.1	335.0	289.4	247.3	208.0	172.3	140.3	111.3	86.3
-20°	403.0	374.1	343.0	302.2	264.0	228.0	193.3	161.6	132.4	105.8	82.6



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-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°	341.8	324.5	301.9	272.0	239.8	208.9	178.7	150.7	124.3	100.0	78.8
-25°	285.2	278.1	262.6	241.2	217.3	191.3	164.8	139.7	116.1	94.2	74.7
-27.5°	235.6	235.4	226.4	212.3	194.7	174.3	151.7	129.6	108.1	88.2	70.5
-30°	191.7	197.8	195.1	186.0	173.3	157.2	138.9	119.8	100.8	82.7	66.2
-32.5°	166.3	164.8	167.3	163.2	154.2	141.1	126.2	110.0	93.5	77.4	62.4
-35°	148.3	142.7	142.8	142.6	137.0	127.1	114.4	100.5	86.3	72.0	58.7
-37.5°	132.0	128.3	122.7	124.5	121.2	113.9	103.8	91.9	79.2	66.7	55.0
-40°	117.9	115.4	111.3	109.0	107.4	101.5	93.8	83.9	72.8	61.2	51.2
-42.5°	105.2	104.1	101.1	96.5	95.1	91.1	84.4	76.2	66.6	56.5	47.3
-45°	94.4	93.8	91.6	87.8	84.1	81.6	76.2	68.8	60.6	52.0	43.7
-47.5°	84.7	84.5	82.8	79.4	75.2	72.9	68.5	62.4	54.7	47.6	40.4
-50°	76.1	76.1	74.6	72.0	68.3	65.2	61.4	56.2	49.9	43.2	37.1
-52.5°	69.1	68.4	67.2	65.1	61.9	58.1	55.1	50.3	45.2	39.4	33.8
-55°	62.5	61.5	60.5	58.5	55.6	52.1	49.1	45.3	40.6	35.8	30.6
-57.5°	56.4	55.2	54.2	52.3	49.8	46.7	43.8	40.5	36.4	32.2	27.7
-60°	50.5	49.4	48.1	46.5	44.3	41.7	38.9	35.9	32.5	28.6	24.8
-62.5°	44.7	43.7	42.5	41.0	39.1	36.9	34.2	31.6	28.5	25.4	21.9
-65°	39.2	38.3	37.1	35.9	34.3	32.3	29.8	27.4	25.0	22.3	19.1
-67.5°	34.1	33.2	32.2	31.1	29.6	27.8	25.6	23.7	21.7	19.1	16.7
-70°	29.0	28.3	27.5	26.5	25.1	23.5	21.9	20.3	18.4	16.4	14.3
-72.5°	24.2	23.7	23.0	22.0	21.0	19.7	18.4	16.9	15.5	13.8	11.8
-75°	19.6	19.2	18.7	18.0	17.1	16.0	15.0	13.9	12.6	11.1	9.6
-77.5°	15.3	15.0	14.5	14.0	13.4	12.6	11.8	10.9	9.8	8.7	7.4
-80°	11.4	11.2	10.8	10.3	9.8	9.3	8.7	8.0	7.2	6.2	5.2
-82.5°	7.9	7.6	7.3	7.0	6.7	6.3	5.8	5.3	4.6	3.8	3.4
-85°	4.8	4.6	4.3	4.0	3.8	3.4	3.2	3.0	2.7	2.5	2.2
-87.5°	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1
-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: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-NAT-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°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
85°	2.0	1.8	1.5	1.2	0.8	0.4	0.0
82.5°	3.0	2.6	2.2	1.8	1.3	0.6	0.0
80°	4.1	3.5	3.0	2.4	1.7	0.8	0.0
77.5°	6.0	4.7	3.7	3.0	2.1	1.0	0.0
75°	8.0	6.3	4.6	3.5	2.5	1.2	0.0
72.5°	9.9	8.0	6.0	4.1	2.9	1.4	0.0
70°	11.9	9.7	7.3	4.8	3.3	1.6	0.0
67.5°	14.1	11.3	8.7	5.8	3.7	1.8	0.0
65°	16.3	13.1	10.0	6.8	4.1	2.0	0.0
62.5°	18.4	15.0	11.3	7.9	4.4	2.2	0.0
60°	20.6	16.8	12.6	8.8	4.8	2.4	0.0
57.5°	23.1	18.7	14.1	9.8	5.4	2.6	0.0
55°	25.6	20.5	15.6	10.8	6.1	2.8	0.0
52.5°	28.1	22.4	17.1	11.7	6.7	2.9	0.0
50°	30.5	24.4	18.5	12.6	7.3	3.1	0.0
47.5°	33.0	26.4	20.0	13.5	7.9	3.2	0.0
45°	35.9	28.4	21.4	14.6	8.4	3.4	0.0
42.5°	38.7	30.3	22.7	15.6	9.0	3.5	0.0
40°	41.5	32.2	24.1	16.5	9.5	3.7	0.0
37.5°	44.2	34.0	25.5	17.4	10.0	3.8	0.0
35°	46.9	36.0	26.9	18.2	10.4	3.9	0.0
32.5°	49.7	38.1	28.2	19.0	10.9	4.0	0.0
30°	52.7	40.2	29.5	19.7	11.3	4.2	0.0
27.5°	55.6	42.2	30.5	20.4	11.7	4.3	0.0
25°	58.3	44.1	31.4	21.0	12.0	4.4	0.0
22.5°	61.0	45.8	32.3	21.5	12.3	4.4	0.0
20°	63.5	47.1	33.1	22.0	12.6	4.5	0.0
17.5°	65.4	48.2	33.9	22.4	12.9	4.6	0.0
15°	66.8	49.2	34.5	22.7	13.2	4.6	0.0
12.5°	68.0	50.0	35.1	23.0	13.4	4.7	0.0
10°	69.0	50.7	35.6	23.2	13.5	4.7	0.0
7.5°	69.8	51.2	36.0	23.4	13.7	4.8	0.0
5°	70.4	51.5	36.3	23.5	13.8	4.8	0.0
2.5°	70.8	51.7	36.5	23.6	13.9	4.8	0.0
0°	70.9	51.8	36.6	23.6	13.9	4.8	0.0
-2.5°	70.8	51.7	36.5	23.6	13.9	4.8	0.0
-5°	70.4	51.5	36.3	23.5	13.8	4.8	0.0
-7.5°	69.8	51.2	36.0	23.4	13.7	4.8	0.0
-10°	69.0	50.7	35.6	23.2	13.5	4.7	0.0
-12.5°	68.0	50.0	35.1	23.0	13.4	4.7	0.0
-15°	66.8	49.2	34.5	22.7	13.2	4.6	0.0
-17.5°	65.4	48.2	33.9	22.4	12.9	4.6	0.0
-20°	63.5	47.1	33.1	22.0	12.6	4.5	0.0



REPORT NUMBER: P558462 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.0	45.8	32.3	21.5	12.3	4.4	0.0
-25°	58.3	44.1	31.4	21.0	12.0	4.4	0.0
-27.5°	55.6	42.2	30.5	20.4	11.7	4.3	0.0
-30°	52.7	40.2	29.5	19.7	11.3	4.2	0.0
-32.5°	49.7	38.1	28.2	19.0	10.9	4.0	0.0
-35°	46.9	36.0	26.9	18.2	10.4	3.9	0.0
-37.5°	44.2	34.0	25.5	17.4	10.0	3.8	0.0
-40°	41.5	32.2	24.1	16.5	9.5	3.7	0.0
-42.5°	38.7	30.3	22.7	15.6	9.0	3.5	0.0
-45°	35.9	28.4	21.4	14.6	8.4	3.4	0.0
-47.5°	33.0	26.4	20.0	13.5	7.9	3.2	0.0
-50°	30.5	24.4	18.5	12.6	7.3	3.1	0.0
-52.5°	28.1	22.4	17.1	11.7	6.7	2.9	0.0
-55°	25.6	20.5	15.6	10.8	6.1	2.8	0.0
-57.5°	23.1	18.7	14.1	9.8	5.4	2.6	0.0
-60°	20.6	16.8	12.6	8.8	4.8	2.4	0.0
-62.5°	18.4	15.0	11.3	7.9	4.4	2.2	0.0
-65°	16.3	13.1	10.0	6.8	4.1	2.0	0.0
-67.5°	14.1	11.3	8.7	5.8	3.7	1.8	0.0
-70°	11.9	9.7	7.3	4.8	3.3	1.6	0.0
-72.5°	9.9	8.0	6.0	4.1	2.9	1.4	0.0
-75°	8.0	6.3	4.6	3.5	2.5	1.2	0.0
-77.5°	6.0	4.7	3.7	3.0	2.1	1.0	0.0
-80°	4.1	3.5	3.0	2.4	1.7	0.8	0.0
-82.5°	3.0	2.6	2.2	1.8	1.3	0.6	0.0
-85°	2.0	1.8	1.5	1.2	0.8	0.4	0.0
-87.5°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)