

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: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-935-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558510 (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-935-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

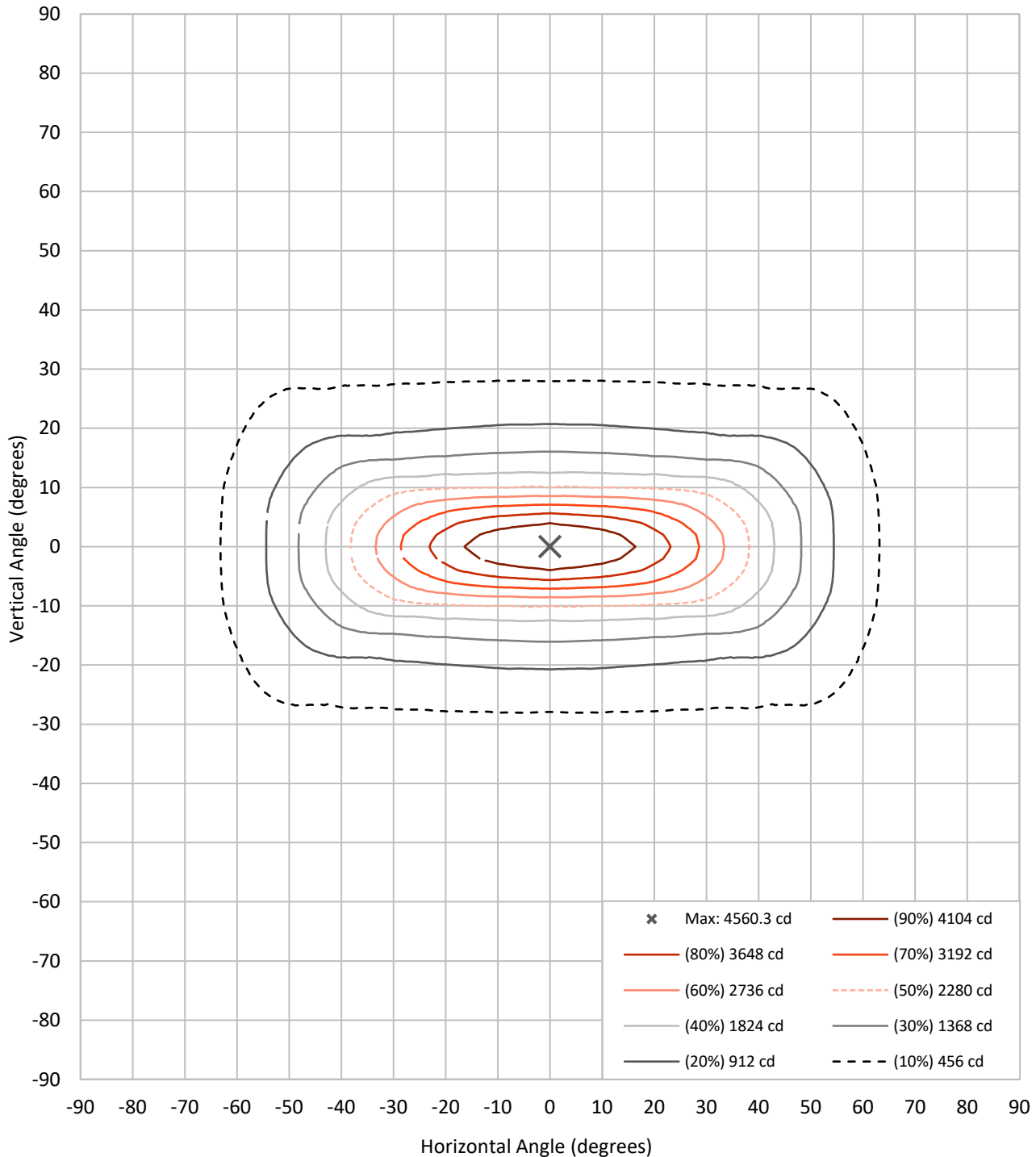
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	3266 lumens	Max Intensity:	4560.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1306.7 lumens	Field Lumens:	2676.8 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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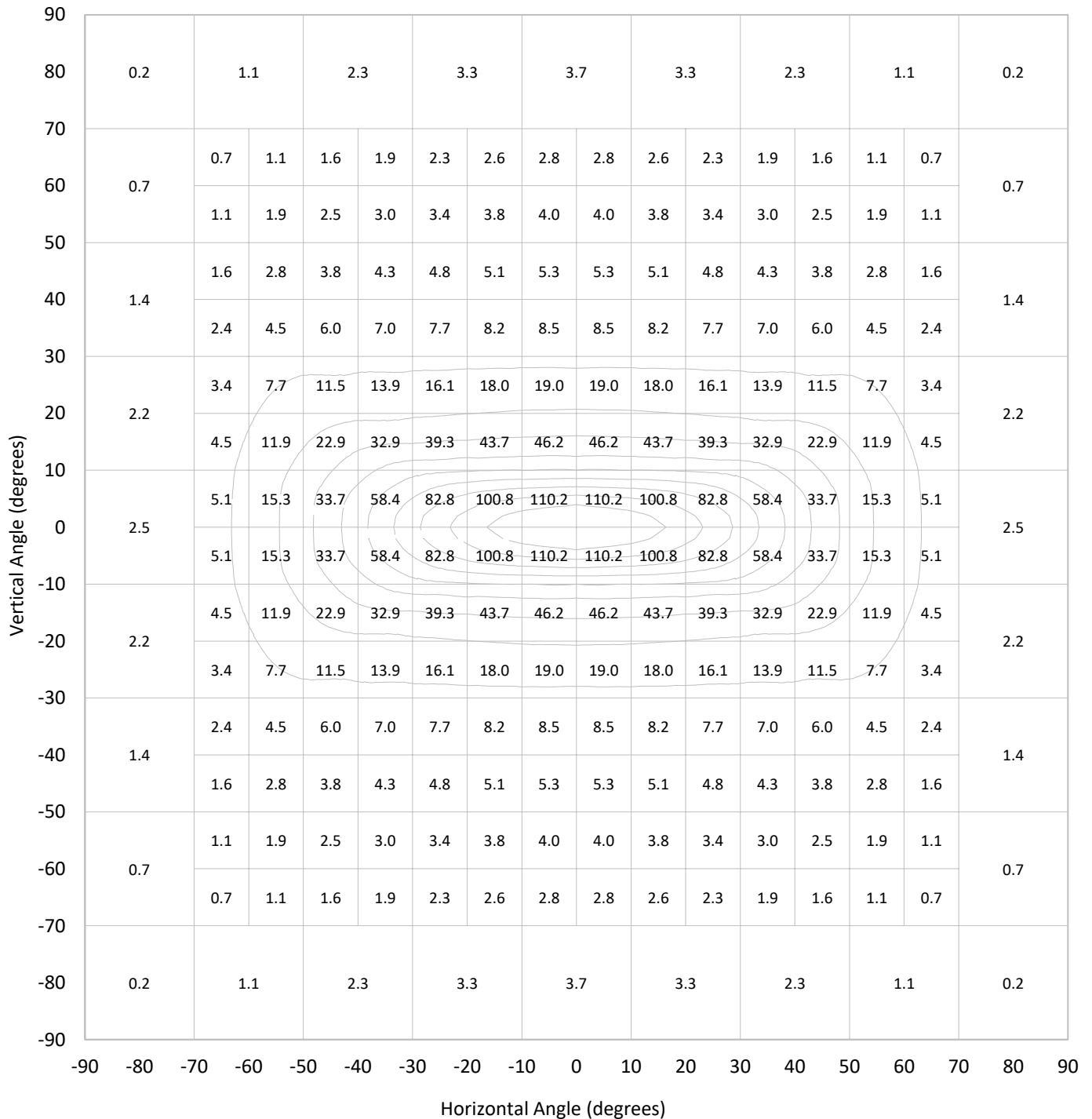
### Iso-Candela Plot





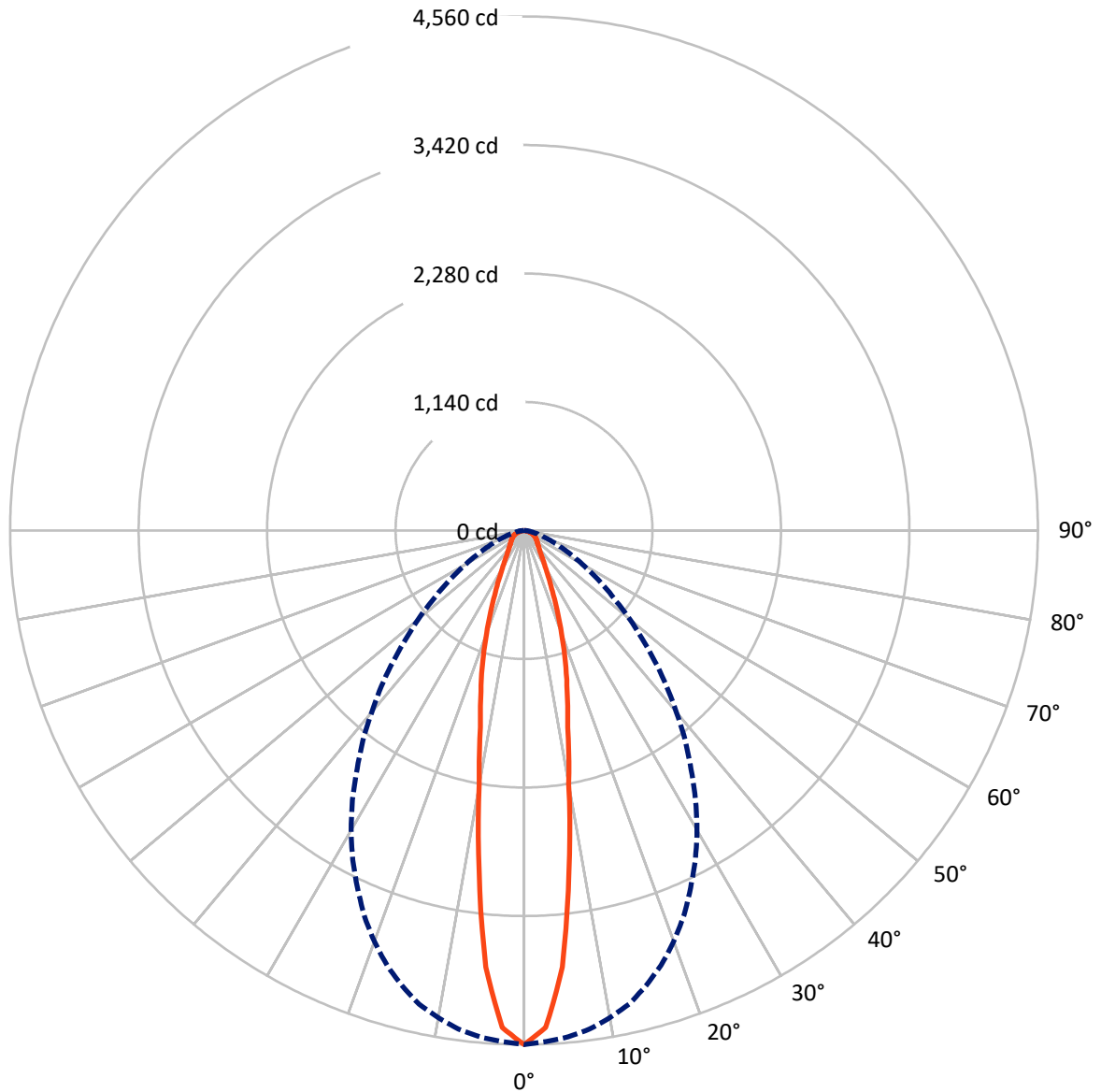
REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
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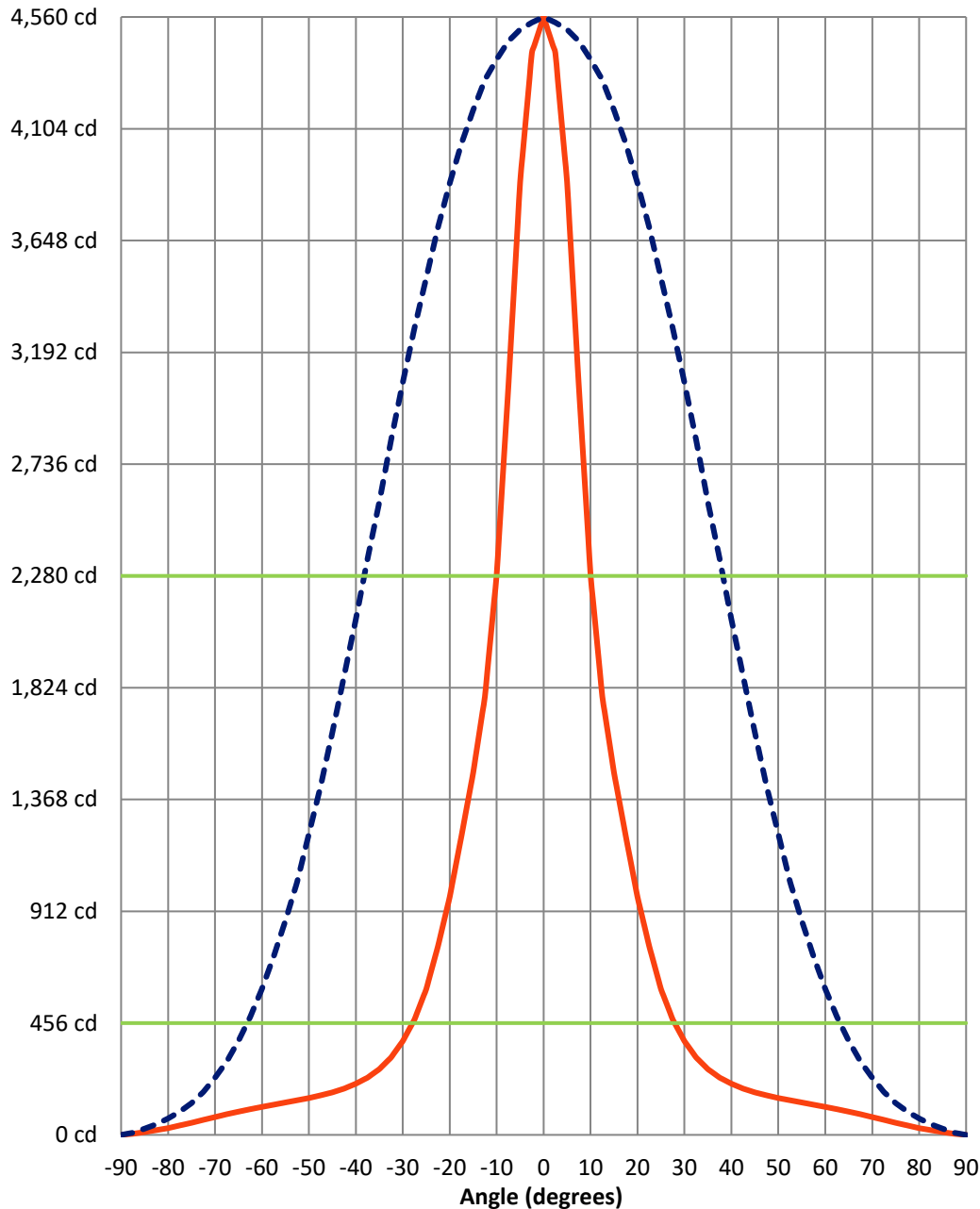
### Luminous Intensity Polar Plot



— 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: 1306.7  
Efficiency: 40.0%

**Field:**  
H Angle: 126.3°  
V Angle: 55.8°  
Lumens: 2676.8  
Efficiency: 82.0%

**Spill:**  
Lumens: 589.2  
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	0.4	0.8	1.1	1.4	1.6	1.8	2.1	2.3	2.5	2.7
85°	0.0	0.8	1.5	2.2	2.7	3.2	3.6	4.1	4.6	5.0	5.4
82.5°	0.0	1.1	2.3	3.2	4.1	4.8	5.4	6.2	7.0	8.4	9.6
80°	0.0	1.5	3.0	4.3	5.4	6.4	7.5	9.5	11.4	13.1	14.7
77.5°	0.0	1.9	3.8	5.4	6.8	8.5	11.0	13.4	15.7	17.8	19.8
75°	0.0	2.3	4.5	6.4	8.4	11.6	14.5	17.4	20.2	23.0	25.4
72.5°	0.0	2.6	5.2	7.5	10.8	14.6	18.0	21.5	25.1	28.3	31.0
70°	0.0	3.0	5.9	8.7	13.3	17.6	21.5	26.0	30.1	33.6	37.1
67.5°	0.0	3.3	6.7	10.6	15.8	20.5	25.6	30.5	35.0	39.6	43.3
65°	0.0	3.7	7.3	12.5	18.2	23.8	29.7	35.0	40.8	45.7	50.1
62.5°	0.0	4.0	8.0	14.3	20.6	27.2	33.7	40.1	46.5	52.1	57.8
60°	0.0	4.3	8.7	16.1	22.9	30.7	37.7	45.4	52.3	59.3	65.5
57.5°	0.0	4.7	9.9	17.9	25.7	34.1	42.3	50.6	58.7	66.6	73.9
55°	0.0	5.0	11.0	19.6	28.5	37.5	46.9	55.9	65.4	74.1	82.8
52.5°	0.0	5.3	12.1	21.3	31.2	40.9	51.4	61.7	71.9	82.6	91.8
50°	0.0	5.6	13.2	23.0	33.8	44.6	55.8	67.7	78.9	91.2	102.6
47.5°	0.0	5.9	14.3	24.7	36.4	48.3	60.3	73.7	86.9	100.0	114.0
45°	0.0	6.2	15.3	26.6	39.0	51.9	65.5	79.7	95.0	110.8	125.8
42.5°	0.0	6.4	16.3	28.4	41.5	55.4	70.6	86.4	103.2	121.8	139.2
40°	0.0	6.7	17.2	30.1	44.0	58.8	75.7	93.5	111.9	133.0	153.3
37.5°	0.0	6.9	18.1	31.8	46.6	62.0	80.8	100.4	121.8	144.7	167.9
35°	0.0	7.1	19.0	33.3	49.1	65.8	85.7	107.3	131.7	157.7	183.7
32.5°	0.0	7.3	19.8	34.7	51.5	69.7	90.8	114.1	141.4	170.9	201.0
30°	0.0	7.5	20.5	36.0	53.8	73.4	96.3	121.0	151.1	184.2	218.8
27.5°	0.0	7.7	21.3	37.2	55.7	77.1	101.5	128.9	161.2	197.5	236.9
25°	0.0	7.9	21.9	38.3	57.4	80.6	106.6	136.6	172.1	212.0	255.2
22.5°	0.0	8.0	22.5	39.2	59.1	83.7	111.4	143.9	182.8	227.1	275.3
20°	0.0	8.2	23.1	40.1	60.6	86.0	116.0	151.0	193.2	241.9	295.2
17.5°	0.0	8.3	23.6	40.9	61.9	88.1	119.5	157.7	203.3	256.3	314.8
15°	0.0	8.4	24.0	41.5	63.1	89.9	122.1	163.0	213.0	270.4	333.8
12.5°	0.0	8.5	24.4	42.1	64.1	91.4	124.3	166.5	219.9	283.8	352.2
10°	0.0	8.6	24.7	42.5	65.0	92.6	126.1	169.3	224.3	290.1	366.6
7.5°	0.0	8.6	25.0	42.9	65.8	93.6	127.6	171.6	227.8	294.3	373.1
5°	0.0	8.7	25.2	43.1	66.3	94.2	128.6	173.2	230.5	297.2	378.1
2.5°	0.0	8.7	25.3	43.2	66.7	94.6	129.3	174.3	232.3	298.8	381.6
0°	0.0	8.7	25.4	43.2	66.9	94.7	129.5	174.7	233.2	299.2	383.5
-2.5°	0.0	8.7	25.3	43.2	66.7	94.6	129.3	174.3	232.3	298.8	381.6
-5°	0.0	8.7	25.2	43.1	66.3	94.2	128.6	173.2	230.5	297.2	378.1
-7.5°	0.0	8.6	25.0	42.9	65.8	93.6	127.6	171.6	227.8	294.3	373.1
-10°	0.0	8.6	24.7	42.5	65.0	92.6	126.1	169.3	224.3	290.1	366.6
-12.5°	0.0	8.5	24.4	42.1	64.1	91.4	124.3	166.5	219.9	283.8	352.2
-15°	0.0	8.4	24.0	41.5	63.1	89.9	122.1	163.0	213.0	270.4	333.8
-17.5°	0.0	8.3	23.6	40.9	61.9	88.1	119.5	157.7	203.3	256.3	314.8
-20°	0.0	8.2	23.1	40.1	60.6	86.0	116.0	151.0	193.2	241.9	295.2



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 CATALOG NUMBER: GFLD-SA1B-935-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	8.0	22.5	39.2	59.1	83.7	111.4	143.9	182.8	227.1	275.3
-25°	0.0	7.9	21.9	38.3	57.4	80.6	106.6	136.6	172.1	212.0	255.2
-27.5°	0.0	7.7	21.3	37.2	55.7	77.1	101.5	128.9	161.2	197.5	236.9
-30°	0.0	7.5	20.5	36.0	53.8	73.4	96.3	121.0	151.1	184.2	218.8
-32.5°	0.0	7.3	19.8	34.7	51.5	69.7	90.8	114.1	141.4	170.9	201.0
-35°	0.0	7.1	19.0	33.3	49.1	65.8	85.7	107.3	131.7	157.7	183.7
-37.5°	0.0	6.9	18.1	31.8	46.6	62.0	80.8	100.4	121.8	144.7	167.9
-40°	0.0	6.7	17.2	30.1	44.0	58.8	75.7	93.5	111.9	133.0	153.3
-42.5°	0.0	6.4	16.3	28.4	41.5	55.4	70.6	86.4	103.2	121.8	139.2
-45°	0.0	6.2	15.3	26.6	39.0	51.9	65.5	79.7	95.0	110.8	125.8
-47.5°	0.0	5.9	14.3	24.7	36.4	48.3	60.3	73.7	86.9	100.0	114.0
-50°	0.0	5.6	13.2	23.0	33.8	44.6	55.8	67.7	78.9	91.2	102.6
-52.5°	0.0	5.3	12.1	21.3	31.2	40.9	51.4	61.7	71.9	82.6	91.8
-55°	0.0	5.0	11.0	19.6	28.5	37.5	46.9	55.9	65.4	74.1	82.8
-57.5°	0.0	4.7	9.9	17.9	25.7	34.1	42.3	50.6	58.7	66.6	73.9
-60°	0.0	4.3	8.7	16.1	22.9	30.7	37.7	45.4	52.3	59.3	65.5
-62.5°	0.0	4.0	8.0	14.3	20.6	27.2	33.7	40.1	46.5	52.1	57.8
-65°	0.0	3.7	7.3	12.5	18.2	23.8	29.7	35.0	40.8	45.7	50.1
-67.5°	0.0	3.3	6.7	10.6	15.8	20.5	25.6	30.5	35.0	39.6	43.3
-70°	0.0	3.0	5.9	8.7	13.3	17.6	21.5	26.0	30.1	33.6	37.1
-72.5°	0.0	2.6	5.2	7.5	10.8	14.6	18.0	21.5	25.1	28.3	31.0
-75°	0.0	2.3	4.5	6.4	8.4	11.6	14.5	17.4	20.2	23.0	25.4
-77.5°	0.0	1.9	3.8	5.4	6.8	8.5	11.0	13.4	15.7	17.8	19.8
-80°	0.0	1.5	3.0	4.3	5.4	6.4	7.5	9.5	11.4	13.1	14.7
-82.5°	0.0	1.1	2.3	3.2	4.1	4.8	5.4	6.2	7.0	8.4	9.6
-85°	0.0	0.8	1.5	2.2	2.7	3.2	3.6	4.1	4.6	5.0	5.4
-87.5°	0.0	0.4	0.8	1.1	1.4	1.6	1.8	2.1	2.3	2.5	2.7
-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: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.0	4.2	4.4	4.5
85°	5.8	6.2	6.8	7.4	7.9	8.3	8.7	9.0	9.3	9.6	9.8
82.5°	10.7	11.6	12.3	12.8	13.4	13.9	14.4	14.8	15.2	15.6	15.9
80°	15.9	16.9	18.0	18.9	19.8	20.4	20.9	21.0	21.6	22.2	22.9
77.5°	21.6	23.1	24.5	25.6	26.6	27.4	28.0	28.4	29.2	30.2	31.1
75°	27.5	29.4	31.2	32.8	34.1	35.1	35.8	36.4	37.4	38.7	39.8
72.5°	33.6	36.1	38.3	40.2	41.9	43.3	44.3	44.9	45.9	47.4	48.7
70°	40.0	42.9	45.9	48.3	50.2	51.8	53.1	54.0	54.9	56.4	57.6
67.5°	46.6	50.8	54.1	56.7	58.8	60.7	62.2	63.2	63.6	65.1	66.4
65°	54.5	58.9	62.6	65.6	67.6	70.0	71.7	72.5	72.7	74.4	76.0
62.5°	62.5	67.4	71.5	74.8	77.5	79.8	81.7	82.7	82.8	84.1	85.9
60°	71.1	76.1	80.9	85.0	87.9	90.2	92.2	93.3	93.5	94.0	96.1
57.5°	80.0	85.4	91.0	95.6	99.0	100.9	103.1	104.3	104.8	104.4	106.6
55°	89.7	95.3	101.6	107.0	110.6	112.3	114.4	116.1	116.7	116.3	117.6
52.5°	100.6	106.2	113.0	118.9	122.9	125.0	126.4	128.5	129.5	129.0	128.8
50°	112.1	119.2	124.8	131.5	136.3	139.1	139.2	141.8	143.0	142.6	140.9
47.5°	125.2	133.1	137.4	145.0	151.3	154.6	154.8	155.9	157.4	157.8	156.3
45°	139.3	149.0	153.6	160.4	167.4	171.4	172.6	170.8	173.5	174.4	173.5
42.5°	154.2	166.5	173.7	176.5	184.7	190.3	192.4	191.0	190.9	192.9	192.9
40°	171.3	185.5	196.3	199.2	203.4	211.0	215.5	215.2	210.2	213.9	214.8
37.5°	189.7	208.1	221.5	227.5	224.4	234.5	241.1	243.8	240.7	237.1	241.2
35°	208.9	232.2	250.3	260.5	261.0	260.7	271.1	276.7	277.0	270.5	272.0
32.5°	230.5	257.8	281.8	298.3	305.8	301.1	303.9	315.6	321.3	318.8	309.4
30°	253.7	287.2	316.7	339.9	356.6	361.5	350.4	359.5	372.2	377.2	373.2
27.5°	277.2	318.4	355.7	387.9	413.8	430.2	430.6	416.6	430.9	443.1	447.8
25°	301.0	349.7	397.1	440.8	480.0	508.2	521.2	522.7	502.5	520.8	537.9
22.5°	326.4	381.8	438.1	497.1	551.7	593.1	624.6	643.5	642.9	623.7	638.7
20°	353.3	416.7	482.3	552.3	626.8	683.7	736.4	776.8	801.0	809.1	793.4
17.5°	380.1	452.0	528.7	612.1	698.3	777.1	856.2	920.6	971.5	1013.4	1028.4
15°	406.6	487.1	575.3	672.3	771.8	870.6	972.2	1070.8	1157.6	1234.2	1279.6
12.5°	432.5	521.8	621.6	732.2	846.5	965.4	1086.6	1206.7	1331.7	1455.8	1550.1
10°	457.4	555.6	666.9	791.1	921.0	1060.1	1200.8	1343.3	1495.2	1641.5	1782.4
7.5°	468.1	577.7	705.9	848.1	994.3	1153.3	1313.3	1478.7	1656.1	1826.9	1998.9
5°	474.7	586.4	716.8	865.0	1027.7	1214.2	1405.0	1610.0	1812.4	2009.0	2211.7
2.5°	479.0	592.4	724.1	871.7	1032.6	1224.2	1417.4	1630.2	1857.4	2084.7	2326.0
0°	481.2	595.6	727.8	873.7	1032.0	1227.4	1422.2	1641.7	1871.9	2103.1	2350.1
-2.5°	479.0	592.4	724.1	871.7	1032.6	1224.2	1417.4	1630.2	1857.4	2084.7	2326.0
-5°	474.7	586.4	716.8	865.0	1027.7	1214.2	1405.0	1610.0	1812.4	2009.0	2211.7
-7.5°	468.1	577.7	705.9	848.1	994.3	1153.3	1313.3	1478.7	1656.1	1826.9	1998.9
-10°	457.4	555.6	666.9	791.1	921.0	1060.1	1200.8	1343.3	1495.2	1641.5	1782.4
-12.5°	432.5	521.8	621.6	732.2	846.5	965.4	1086.6	1206.7	1331.7	1455.8	1550.1
-15°	406.6	487.1	575.3	672.3	771.8	870.6	972.2	1070.8	1157.6	1234.2	1279.6
-17.5°	380.1	452.0	528.7	612.1	698.3	777.1	856.2	920.6	971.5	1013.4	1028.4
-20°	353.3	416.7	482.3	552.3	626.8	683.7	736.4	776.8	801.0	809.1	793.4



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	326.4	381.8	438.1	497.1	551.7	593.1	624.6	643.5	642.9	623.7	638.7
-25°	301.0	349.7	397.1	440.8	480.0	508.2	521.2	522.7	502.5	520.8	537.9
-27.5°	277.2	318.4	355.7	387.9	413.8	430.2	430.6	416.6	430.9	443.1	447.8
-30°	253.7	287.2	316.7	339.9	356.6	361.5	350.4	359.5	372.2	377.2	373.2
-32.5°	230.5	257.8	281.8	298.3	305.8	301.1	303.9	315.6	321.3	318.8	309.4
-35°	208.9	232.2	250.3	260.5	261.0	260.7	271.1	276.7	277.0	270.5	272.0
-37.5°	189.7	208.1	221.5	227.5	224.4	234.5	241.1	243.8	240.7	237.1	241.2
-40°	171.3	185.5	196.3	199.2	203.4	211.0	215.5	215.2	210.2	213.9	214.8
-42.5°	154.2	166.5	173.7	176.5	184.7	190.3	192.4	191.0	190.9	192.9	192.9
-45°	139.3	149.0	153.6	160.4	167.4	171.4	172.6	170.8	173.5	174.4	173.5
-47.5°	125.2	133.1	137.4	145.0	151.3	154.6	154.8	155.9	157.4	157.8	156.3
-50°	112.1	119.2	124.8	131.5	136.3	139.1	139.2	141.8	143.0	142.6	140.9
-52.5°	100.6	106.2	113.0	118.9	122.9	125.0	126.4	128.5	129.5	129.0	128.8
-55°	89.7	95.3	101.6	107.0	110.6	112.3	114.4	116.1	116.7	116.3	117.6
-57.5°	80.0	85.4	91.0	95.6	99.0	100.9	103.1	104.3	104.8	104.4	106.6
-60°	71.1	76.1	80.9	85.0	87.9	90.2	92.2	93.3	93.5	94.0	96.1
-62.5°	62.5	67.4	71.5	74.8	77.5	79.8	81.7	82.7	82.8	84.1	85.9
-65°	54.5	58.9	62.6	65.6	67.6	70.0	71.7	72.5	72.7	74.4	76.0
-67.5°	46.6	50.8	54.1	56.7	58.8	60.7	62.2	63.2	63.6	65.1	66.4
-70°	40.0	42.9	45.9	48.3	50.2	51.8	53.1	54.0	54.9	56.4	57.6
-72.5°	33.6	36.1	38.3	40.2	41.9	43.3	44.3	44.9	45.9	47.4	48.7
-75°	27.5	29.4	31.2	32.8	34.1	35.1	35.8	36.4	37.4	38.7	39.8
-77.5°	21.6	23.1	24.5	25.6	26.6	27.4	28.0	28.4	29.2	30.2	31.1
-80°	15.9	16.9	18.0	18.9	19.8	20.4	20.9	21.0	21.6	22.2	22.9
-82.5°	10.7	11.6	12.3	12.8	13.4	13.9	14.4	14.8	15.2	15.6	15.9
-85°	5.8	6.2	6.8	7.4	7.9	8.3	8.7	9.0	9.3	9.6	9.8
-87.5°	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.0	4.2	4.4	4.5
-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: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.1
85°	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.1	11.2	11.2	11.1
82.5°	16.2	16.7	17.3	17.8	18.2	18.5	18.7	18.8	18.9	19.0	19.2
80°	23.5	24.3	25.0	25.7	26.1	26.5	26.8	27.0	27.2	27.4	27.6
77.5°	31.9	32.7	33.6	34.3	34.9	35.5	36.1	36.5	36.8	37.3	37.7
75°	40.7	41.7	42.7	43.7	44.5	45.4	46.3	47.1	47.8	48.4	48.8
72.5°	49.6	50.7	52.0	53.2	54.3	55.5	56.6	57.7	58.5	59.4	60.1
70°	58.4	59.4	61.1	62.7	64.2	65.6	67.0	68.3	69.4	70.5	71.4
67.5°	67.6	68.6	70.7	72.5	74.2	75.7	77.4	78.8	80.1	81.3	82.3
65°	77.3	78.2	80.4	82.5	84.2	85.7	87.4	89.0	90.5	91.7	92.8
62.5°	87.3	88.2	90.1	92.1	93.7	95.1	97.2	99.0	100.5	101.8	102.9
60°	97.5	98.3	99.7	101.9	103.8	105.4	107.2	108.9	110.4	111.6	112.8
57.5°	108.1	108.9	109.6	111.8	113.6	115.0	116.6	118.3	119.7	120.9	122.0
55°	119.1	119.6	119.4	121.5	123.2	124.3	125.5	127.3	128.7	129.8	130.8
52.5°	130.2	130.9	130.4	131.3	133.2	134.2	134.7	136.7	138.1	139.1	140.0
50°	142.7	143.3	142.8	142.3	144.1	145.2	145.5	147.1	148.4	149.1	149.8
47.5°	156.2	156.9	156.5	154.6	156.2	157.5	157.6	158.2	159.6	160.2	160.6
45°	170.9	172.3	172.0	170.6	170.4	171.7	171.6	171.0	172.6	173.3	173.6
42.5°	190.2	189.7	190.1	189.3	186.9	188.4	188.6	186.6	188.6	189.5	189.0
40°	213.7	209.4	211.8	211.4	209.1	208.8	210.0	208.4	208.7	210.0	209.0
37.5°	241.8	238.7	237.4	238.5	237.8	234.9	237.2	236.7	234.8	236.9	236.0
35°	276.3	275.4	268.5	272.7	273.6	270.8	271.6	272.8	268.9	272.0	271.6
32.5°	316.7	318.8	317.3	314.7	318.6	319.1	314.5	320.1	317.9	318.6	320.8
30°	362.5	373.0	378.1	373.5	376.0	380.9	378.6	382.4	384.3	381.4	386.8
27.5°	442.4	438.7	451.0	456.3	450.6	459.5	465.9	463.1	472.6	467.0	475.0
25°	544.0	538.6	541.8	559.4	563.3	558.8	577.0	579.2	586.7	587.6	593.2
22.5°	663.4	676.6	675.0	680.3	702.5	709.9	716.6	734.2	730.2	746.1	748.8
20°	796.8	829.9	852.8	857.6	867.1	892.5	904.2	918.0	927.3	942.4	955.1
17.5°	1022.5	1005.5	1050.4	1078.5	1093.3	1098.6	1129.3	1139.2	1162.3	1175.4	1188.5
15°	1312.3	1322.2	1302.0	1328.8	1374.2	1389.6	1371.9	1413.1	1424.6	1446.8	1450.7
12.5°	1622.1	1672.2	1696.8	1703.5	1679.8	1744.4	1770.2	1737.8	1774.6	1768.0	1798.2
10°	1917.7	2039.5	2112.4	2163.8	2195.0	2213.8	2232.4	2266.0	2266.5	2291.4	2276.9
7.5°	2160.4	2314.8	2462.4	2605.6	2720.1	2784.3	2834.7	2883.1	2947.6	2978.5	2998.5
5°	2397.8	2576.0	2752.6	2926.1	3083.3	3234.5	3382.7	3511.2	3579.3	3658.9	3729.9
2.5°	2551.3	2776.8	3002.4	3225.6	3407.3	3573.9	3728.1	3871.4	3997.0	4113.3	4211.4
0°	2581.3	2833.6	3068.9	3291.7	3496.2	3702.0	3881.7	4043.7	4180.5	4304.0	4387.3
-2.5°	2551.3	2776.8	3002.4	3225.6	3407.3	3573.9	3728.1	3871.4	3997.0	4113.3	4211.4
-5°	2397.8	2576.0	2752.6	2926.1	3083.3	3234.5	3382.7	3511.2	3579.3	3658.9	3729.9
-7.5°	2160.4	2314.8	2462.4	2605.6	2720.1	2784.3	2834.7	2883.1	2947.6	2978.5	2998.5
-10°	1917.7	2039.5	2112.4	2163.8	2195.0	2213.8	2232.4	2266.0	2266.5	2291.4	2276.9
-12.5°	1622.1	1672.2	1696.8	1703.5	1679.8	1744.4	1770.2	1737.8	1774.6	1768.0	1798.2
-15°	1312.3	1322.2	1302.0	1328.8	1374.2	1389.6	1371.9	1413.1	1424.6	1446.8	1450.7
-17.5°	1022.5	1005.5	1050.4	1078.5	1093.3	1098.6	1129.3	1139.2	1162.3	1175.4	1188.5
-20°	796.8	829.9	852.8	857.6	867.1	892.5	904.2	918.0	927.3	942.4	955.1



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	663.4	676.6	675.0	680.3	702.5	709.9	716.6	734.2	730.2	746.1	748.8
-25°	544.0	538.6	541.8	559.4	563.3	558.8	577.0	579.2	586.7	587.6	593.2
-27.5°	442.4	438.7	451.0	456.3	450.6	459.5	465.9	463.1	472.6	467.0	475.0
-30°	362.5	373.0	378.1	373.5	376.0	380.9	378.6	382.4	384.3	381.4	386.8
-32.5°	316.7	318.8	317.3	314.7	318.6	319.1	314.5	320.1	317.9	318.6	320.8
-35°	276.3	275.4	268.5	272.7	273.6	270.8	271.6	272.8	268.9	272.0	271.6
-37.5°	241.8	238.7	237.4	238.5	237.8	234.9	237.2	236.7	234.8	236.9	236.0
-40°	213.7	209.4	211.8	211.4	209.1	208.8	210.0	208.4	208.7	210.0	209.0
-42.5°	190.2	189.7	190.1	189.3	186.9	188.4	188.6	186.6	188.6	189.5	189.0
-45°	170.9	172.3	172.0	170.6	170.4	171.7	171.6	171.0	172.6	173.3	173.6
-47.5°	156.2	156.9	156.5	154.6	156.2	157.5	157.6	158.2	159.6	160.2	160.6
-50°	142.7	143.3	142.8	142.3	144.1	145.2	145.5	147.1	148.4	149.1	149.8
-52.5°	130.2	130.9	130.4	131.3	133.2	134.2	134.7	136.7	138.1	139.1	140.0
-55°	119.1	119.6	119.4	121.5	123.2	124.3	125.5	127.3	128.7	129.8	130.8
-57.5°	108.1	108.9	109.6	111.8	113.6	115.0	116.6	118.3	119.7	120.9	122.0
-60°	97.5	98.3	99.7	101.9	103.8	105.4	107.2	108.9	110.4	111.6	112.8
-62.5°	87.3	88.2	90.1	92.1	93.7	95.1	97.2	99.0	100.5	101.8	102.9
-65°	77.3	78.2	80.4	82.5	84.2	85.7	87.4	89.0	90.5	91.7	92.8
-67.5°	67.6	68.6	70.7	72.5	74.2	75.7	77.4	78.8	80.1	81.3	82.3
-70°	58.4	59.4	61.1	62.7	64.2	65.6	67.0	68.3	69.4	70.5	71.4
-72.5°	49.6	50.7	52.0	53.2	54.3	55.5	56.6	57.7	58.5	59.4	60.1
-75°	40.7	41.7	42.7	43.7	44.5	45.4	46.3	47.1	47.8	48.4	48.8
-77.5°	31.9	32.7	33.6	34.3	34.9	35.5	36.1	36.5	36.8	37.3	37.7
-80°	23.5	24.3	25.0	25.7	26.1	26.5	26.8	27.0	27.2	27.4	27.6
-82.5°	16.2	16.7	17.3	17.8	18.2	18.5	18.7	18.8	18.9	19.0	19.2
-85°	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.1	11.2	11.2	11.1
-87.5°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.1
-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: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	4.1	4.0	4.2	4.4	4.2	4.0	4.1	4.1	4.2	4.3	4.3
85°	11.1	10.9	11.2	11.4	11.2	10.9	11.1	11.1	11.2	11.2	11.1
82.5°	19.3	19.3	19.4	19.4	19.4	19.3	19.3	19.2	19.0	18.9	18.8
80°	27.7	27.7	27.6	27.4	27.6	27.7	27.7	27.6	27.4	27.2	27.0
77.5°	38.0	38.3	38.4	38.5	38.4	38.3	38.0	37.7	37.3	36.8	36.5
75°	49.1	49.3	49.3	49.2	49.3	49.3	49.1	48.8	48.4	47.8	47.1
72.5°	60.8	61.3	61.3	61.2	61.3	61.3	60.8	60.1	59.4	58.5	57.7
70°	72.3	72.9	72.9	72.6	72.9	72.9	72.3	71.4	70.5	69.4	68.3
67.5°	83.0	83.6	84.0	84.3	84.0	83.6	83.0	82.3	81.3	80.1	78.8
65°	93.6	94.2	94.6	94.7	94.6	94.2	93.6	92.8	91.7	90.5	89.0
62.5°	103.7	104.2	104.6	104.7	104.6	104.2	103.7	102.9	101.8	100.5	99.0
60°	113.7	114.3	114.4	114.1	114.4	114.3	113.7	112.8	111.6	110.4	108.9
57.5°	122.9	123.6	123.6	123.1	123.6	123.6	122.9	122.0	120.9	119.7	118.3
55°	131.6	132.1	132.3	132.2	132.3	132.1	131.6	130.8	129.8	128.7	127.3
52.5°	140.7	141.1	141.2	141.2	141.2	141.1	140.7	140.0	139.1	138.1	136.7
50°	150.3	150.3	150.3	150.2	150.3	150.3	150.3	149.8	149.1	148.4	147.1
47.5°	161.1	161.2	161.3	161.3	161.3	161.2	161.1	160.6	160.2	159.6	158.2
45°	174.0	173.7	173.3	173.3	173.3	173.7	174.0	173.6	173.3	172.6	171.0
42.5°	189.5	189.1	188.6	188.7	188.6	189.1	189.5	189.0	189.5	188.6	186.6
40°	209.8	209.7	209.0	208.8	209.0	209.7	209.8	209.0	210.0	208.7	208.4
37.5°	236.1	235.7	234.2	233.6	234.2	235.7	236.1	236.0	236.9	234.8	236.7
35°	270.7	270.2	267.8	268.0	267.8	270.2	270.7	271.6	272.0	268.9	272.8
32.5°	319.7	319.9	316.3	315.6	316.3	319.9	319.7	320.8	318.6	317.9	320.1
30°	383.4	384.9	380.7	382.5	380.7	384.9	383.4	386.8	381.4	384.3	382.4
27.5°	474.8	477.5	473.8	470.8	473.8	477.5	474.8	475.0	467.0	472.6	463.1
25°	600.5	602.5	598.4	594.6	598.4	602.5	600.5	593.2	587.6	586.7	579.2
22.5°	764.2	764.1	763.8	769.6	763.8	764.1	764.2	748.8	746.1	730.2	734.2
20°	963.3	958.5	965.8	970.4	965.8	958.5	963.3	955.1	942.4	927.3	918.0
17.5°	1191.5	1200.6	1207.5	1219.1	1207.5	1200.6	1191.5	1188.5	1175.4	1162.3	1139.2
15°	1460.5	1474.2	1481.1	1477.4	1481.1	1474.2	1460.5	1450.7	1446.8	1424.6	1413.1
12.5°	1799.3	1815.6	1803.5	1788.6	1803.5	1815.6	1799.3	1798.2	1768.0	1774.6	1737.8
10°	2277.1	2312.2	2314.2	2284.8	2314.2	2312.2	2277.1	2276.9	2291.4	2266.5	2266.0
7.5°	3010.3	3027.3	3053.2	3054.5	3053.2	3027.3	3010.3	2998.5	2978.5	2947.6	2883.1
5°	3762.1	3807.5	3836.7	3887.4	3836.7	3807.5	3762.1	3729.9	3658.9	3579.3	3511.2
2.5°	4274.8	4333.5	4356.1	4413.4	4356.1	4333.5	4274.8	4211.4	4113.3	3997.0	3871.4
0°	4461.6	4509.1	4537.6	4560.3	4537.6	4509.1	4461.6	4387.3	4304.0	4180.5	4043.7
-2.5°	4274.8	4333.5	4356.1	4413.4	4356.1	4333.5	4274.8	4211.4	4113.3	3997.0	3871.4
-5°	3762.1	3807.5	3836.7	3887.4	3836.7	3807.5	3762.1	3729.9	3658.9	3579.3	3511.2
-7.5°	3010.3	3027.3	3053.2	3054.5	3053.2	3027.3	3010.3	2998.5	2978.5	2947.6	2883.1
-10°	2277.1	2312.2	2314.2	2284.8	2314.2	2312.2	2277.1	2276.9	2291.4	2266.5	2266.0
-12.5°	1799.3	1815.6	1803.5	1788.6	1803.5	1815.6	1799.3	1798.2	1768.0	1774.6	1737.8
-15°	1460.5	1474.2	1481.1	1477.4	1481.1	1474.2	1460.5	1450.7	1446.8	1424.6	1413.1
-17.5°	1191.5	1200.6	1207.5	1219.1	1207.5	1200.6	1191.5	1188.5	1175.4	1162.3	1139.2
-20°	963.3	958.5	965.8	970.4	965.8	958.5	963.3	955.1	942.4	927.3	918.0



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	764.2	764.1	763.8	769.6	763.8	764.1	764.2	748.8	746.1	730.2	734.2
-25°	600.5	602.5	598.4	594.6	598.4	602.5	600.5	593.2	587.6	586.7	579.2
-27.5°	474.8	477.5	473.8	470.8	473.8	477.5	474.8	475.0	467.0	472.6	463.1
-30°	383.4	384.9	380.7	382.5	380.7	384.9	383.4	386.8	381.4	384.3	382.4
-32.5°	319.7	319.9	316.3	315.6	316.3	319.9	319.7	320.8	318.6	317.9	320.1
-35°	270.7	270.2	267.8	268.0	267.8	270.2	270.7	271.6	272.0	268.9	272.8
-37.5°	236.1	235.7	234.2	233.6	234.2	235.7	236.1	236.0	236.9	234.8	236.7
-40°	209.8	209.7	209.0	208.8	209.0	209.7	209.8	209.0	210.0	208.7	208.4
-42.5°	189.5	189.1	188.6	188.7	188.6	189.1	189.5	189.0	189.5	188.6	186.6
-45°	174.0	173.7	173.3	173.3	173.3	173.7	174.0	173.6	173.3	172.6	171.0
-47.5°	161.1	161.2	161.3	161.3	161.3	161.2	161.1	160.6	160.2	159.6	158.2
-50°	150.3	150.3	150.3	150.2	150.3	150.3	150.3	149.8	149.1	148.4	147.1
-52.5°	140.7	141.1	141.2	141.2	141.2	141.1	140.7	140.0	139.1	138.1	136.7
-55°	131.6	132.1	132.3	132.2	132.3	132.1	131.6	130.8	129.8	128.7	127.3
-57.5°	122.9	123.6	123.6	123.1	123.6	123.6	122.9	122.0	120.9	119.7	118.3
-60°	113.7	114.3	114.4	114.1	114.4	114.3	113.7	112.8	111.6	110.4	108.9
-62.5°	103.7	104.2	104.6	104.7	104.6	104.2	103.7	102.9	101.8	100.5	99.0
-65°	93.6	94.2	94.6	94.7	94.6	94.2	93.6	92.8	91.7	90.5	89.0
-67.5°	83.0	83.6	84.0	84.3	84.0	83.6	83.0	82.3	81.3	80.1	78.8
-70°	72.3	72.9	72.9	72.6	72.9	72.9	72.3	71.4	70.5	69.4	68.3
-72.5°	60.8	61.3	61.3	61.2	61.3	61.3	60.8	60.1	59.4	58.5	57.7
-75°	49.1	49.3	49.3	49.2	49.3	49.3	49.1	48.8	48.4	47.8	47.1
-77.5°	38.0	38.3	38.4	38.5	38.4	38.3	38.0	37.7	37.3	36.8	36.5
-80°	27.7	27.7	27.6	27.4	27.6	27.7	27.7	27.6	27.4	27.2	27.0
-82.5°	19.3	19.3	19.4	19.4	19.4	19.3	19.3	19.2	19.0	18.9	18.8
-85°	11.1	10.9	11.2	11.4	11.2	10.9	11.1	11.1	11.2	11.2	11.1
-87.5°	4.1	4.0	4.2	4.4	4.2	4.0	4.1	4.1	4.2	4.3	4.3
-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: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	4.3	4.3	4.3	4.4	4.5	4.6	4.7	4.5	4.4	4.2	4.0
85°	11.0	10.8	10.6	10.5	10.3	10.2	10.0	9.8	9.6	9.3	9.0
82.5°	18.7	18.5	18.2	17.8	17.3	16.7	16.2	15.9	15.6	15.2	14.8
80°	26.8	26.5	26.1	25.7	25.0	24.3	23.5	22.9	22.2	21.6	21.0
77.5°	36.1	35.5	34.9	34.3	33.6	32.7	31.9	31.1	30.2	29.2	28.4
75°	46.3	45.4	44.5	43.7	42.7	41.7	40.7	39.8	38.7	37.4	36.4
72.5°	56.6	55.5	54.3	53.2	52.0	50.7	49.6	48.7	47.4	45.9	44.9
70°	67.0	65.6	64.2	62.7	61.1	59.4	58.4	57.6	56.4	54.9	54.0
67.5°	77.4	75.7	74.2	72.5	70.7	68.6	67.6	66.4	65.1	63.6	63.2
65°	87.4	85.7	84.2	82.5	80.4	78.2	77.3	76.0	74.4	72.7	72.5
62.5°	97.2	95.1	93.7	92.1	90.1	88.2	87.3	85.9	84.1	82.8	82.7
60°	107.2	105.4	103.8	101.9	99.7	98.3	97.5	96.1	94.0	93.5	93.3
57.5°	116.6	115.0	113.6	111.8	109.6	108.9	108.1	106.6	104.4	104.8	104.3
55°	125.5	124.3	123.2	121.5	119.4	119.6	119.1	117.6	116.3	116.7	116.1
52.5°	134.7	134.2	133.2	131.3	130.4	130.9	130.2	128.8	129.0	129.5	128.5
50°	145.5	145.2	144.1	142.3	142.8	143.3	142.7	140.9	142.6	143.0	141.8
47.5°	157.6	157.5	156.2	154.6	156.5	156.9	156.2	156.3	157.8	157.4	155.9
45°	171.6	171.7	170.4	170.6	172.0	172.3	170.9	173.5	174.4	173.5	170.8
42.5°	188.6	188.4	186.9	189.3	190.1	189.7	190.2	192.9	192.9	190.9	191.0
40°	210.0	208.8	209.1	211.4	211.8	209.4	213.7	214.8	213.9	210.2	215.2
37.5°	237.2	234.9	237.8	238.5	237.4	238.7	241.8	241.2	237.1	240.7	243.8
35°	271.6	270.8	273.6	272.7	268.5	275.4	276.3	272.0	270.5	277.0	276.7
32.5°	314.5	319.1	318.6	314.7	317.3	318.8	316.7	309.4	318.8	321.3	315.6
30°	378.6	380.9	376.0	373.5	378.1	373.0	362.5	373.2	377.2	372.2	359.5
27.5°	465.9	459.5	450.6	456.3	451.0	438.7	442.4	447.8	443.1	430.9	416.6
25°	577.0	558.8	563.3	559.4	541.8	538.6	544.0	537.9	520.8	502.5	522.7
22.5°	716.6	709.9	702.5	680.3	675.0	676.6	663.4	638.7	623.7	642.9	643.5
20°	904.2	892.5	867.1	857.6	852.8	829.9	796.8	793.4	809.1	801.0	776.8
17.5°	1129.3	1098.6	1093.3	1078.5	1050.4	1005.5	1022.5	1028.4	1013.4	971.5	920.6
15°	1371.9	1389.6	1374.2	1328.8	1302.0	1322.2	1312.3	1279.6	1234.2	1157.6	1070.8
12.5°	1770.2	1744.4	1679.8	1703.5	1696.8	1672.2	1622.1	1550.1	1455.8	1331.7	1206.7
10°	2232.4	2213.8	2195.0	2163.8	2112.4	2039.5	1917.7	1782.4	1641.5	1495.2	1343.3
7.5°	2834.7	2784.3	2720.1	2605.6	2462.4	2314.8	2160.4	1998.9	1826.9	1656.1	1478.7
5°	3382.7	3234.5	3083.3	2926.1	2752.6	2576.0	2397.8	2211.7	2009.0	1812.4	1610.0
2.5°	3728.1	3573.9	3407.3	3225.6	3002.4	2776.8	2551.3	2326.0	2084.7	1857.4	1630.2
0°	3881.7	3702.0	3496.2	3291.7	3068.9	2833.6	2581.3	2350.1	2103.1	1871.9	1641.7
-2.5°	3728.1	3573.9	3407.3	3225.6	3002.4	2776.8	2551.3	2326.0	2084.7	1857.4	1630.2
-5°	3382.7	3234.5	3083.3	2926.1	2752.6	2576.0	2397.8	2211.7	2009.0	1812.4	1610.0
-7.5°	2834.7	2784.3	2720.1	2605.6	2462.4	2314.8	2160.4	1998.9	1826.9	1656.1	1478.7
-10°	2232.4	2213.8	2195.0	2163.8	2112.4	2039.5	1917.7	1782.4	1641.5	1495.2	1343.3
-12.5°	1770.2	1744.4	1679.8	1703.5	1696.8	1672.2	1622.1	1550.1	1455.8	1331.7	1206.7
-15°	1371.9	1389.6	1374.2	1328.8	1302.0	1322.2	1312.3	1279.6	1234.2	1157.6	1070.8
-17.5°	1129.3	1098.6	1093.3	1078.5	1050.4	1005.5	1022.5	1028.4	1013.4	971.5	920.6
-20°	904.2	892.5	867.1	857.6	852.8	829.9	796.8	793.4	809.1	801.0	776.8



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	716.6	709.9	702.5	680.3	675.0	676.6	663.4	638.7	623.7	642.9	643.5
-25°	577.0	558.8	563.3	559.4	541.8	538.6	544.0	537.9	520.8	502.5	522.7
-27.5°	465.9	459.5	450.6	456.3	451.0	438.7	442.4	447.8	443.1	430.9	416.6
-30°	378.6	380.9	376.0	373.5	378.1	373.0	362.5	373.2	377.2	372.2	359.5
-32.5°	314.5	319.1	318.6	314.7	317.3	318.8	316.7	309.4	318.8	321.3	315.6
-35°	271.6	270.8	273.6	272.7	268.5	275.4	276.3	272.0	270.5	277.0	276.7
-37.5°	237.2	234.9	237.8	238.5	237.4	238.7	241.8	241.2	237.1	240.7	243.8
-40°	210.0	208.8	209.1	211.4	211.8	209.4	213.7	214.8	213.9	210.2	215.2
-42.5°	188.6	188.4	186.9	189.3	190.1	189.7	190.2	192.9	192.9	190.9	191.0
-45°	171.6	171.7	170.4	170.6	172.0	172.3	170.9	173.5	174.4	173.5	170.8
-47.5°	157.6	157.5	156.2	154.6	156.5	156.9	156.2	156.3	157.8	157.4	155.9
-50°	145.5	145.2	144.1	142.3	142.8	143.3	142.7	140.9	142.6	143.0	141.8
-52.5°	134.7	134.2	133.2	131.3	130.4	130.9	130.2	128.8	129.0	129.5	128.5
-55°	125.5	124.3	123.2	121.5	119.4	119.6	119.1	117.6	116.3	116.7	116.1
-57.5°	116.6	115.0	113.6	111.8	109.6	108.9	108.1	106.6	104.4	104.8	104.3
-60°	107.2	105.4	103.8	101.9	99.7	98.3	97.5	96.1	94.0	93.5	93.3
-62.5°	97.2	95.1	93.7	92.1	90.1	88.2	87.3	85.9	84.1	82.8	82.7
-65°	87.4	85.7	84.2	82.5	80.4	78.2	77.3	76.0	74.4	72.7	72.5
-67.5°	77.4	75.7	74.2	72.5	70.7	68.6	67.6	66.4	65.1	63.6	63.2
-70°	67.0	65.6	64.2	62.7	61.1	59.4	58.4	57.6	56.4	54.9	54.0
-72.5°	56.6	55.5	54.3	53.2	52.0	50.7	49.6	48.7	47.4	45.9	44.9
-75°	46.3	45.4	44.5	43.7	42.7	41.7	40.7	39.8	38.7	37.4	36.4
-77.5°	36.1	35.5	34.9	34.3	33.6	32.7	31.9	31.1	30.2	29.2	28.4
-80°	26.8	26.5	26.1	25.7	25.0	24.3	23.5	22.9	22.2	21.6	21.0
-82.5°	18.7	18.5	18.2	17.8	17.3	16.7	16.2	15.9	15.6	15.2	14.8
-85°	11.0	10.8	10.6	10.5	10.3	10.2	10.0	9.8	9.6	9.3	9.0
-87.5°	4.3	4.3	4.3	4.4	4.5	4.6	4.7	4.5	4.4	4.2	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1
85°	8.7	8.3	7.9	7.4	6.8	6.2	5.8	5.4	5.0	4.6	4.1
82.5°	14.4	13.9	13.4	12.8	12.3	11.6	10.7	9.6	8.4	7.0	6.2
80°	20.9	20.4	19.8	18.9	18.0	16.9	15.9	14.7	13.1	11.4	9.5
77.5°	28.0	27.4	26.6	25.6	24.5	23.1	21.6	19.8	17.8	15.7	13.4
75°	35.8	35.1	34.1	32.8	31.2	29.4	27.5	25.4	23.0	20.2	17.4
72.5°	44.3	43.3	41.9	40.2	38.3	36.1	33.6	31.0	28.3	25.1	21.5
70°	53.1	51.8	50.2	48.3	45.9	42.9	40.0	37.1	33.6	30.1	26.0
67.5°	62.2	60.7	58.8	56.7	54.1	50.8	46.6	43.3	39.6	35.0	30.5
65°	71.7	70.0	67.6	65.6	62.6	58.9	54.5	50.1	45.7	40.8	35.0
62.5°	81.7	79.8	77.5	74.8	71.5	67.4	62.5	57.8	52.1	46.5	40.1
60°	92.2	90.2	87.9	85.0	80.9	76.1	71.1	65.5	59.3	52.3	45.4
57.5°	103.1	100.9	99.0	95.6	91.0	85.4	80.0	73.9	66.6	58.7	50.6
55°	114.4	112.3	110.6	107.0	101.6	95.3	89.7	82.8	74.1	65.4	55.9
52.5°	126.4	125.0	122.9	118.9	113.0	106.2	100.6	91.8	82.6	71.9	61.7
50°	139.2	139.1	136.3	131.5	124.8	119.2	112.1	102.6	91.2	78.9	67.7
47.5°	154.8	154.6	151.3	145.0	137.4	133.1	125.2	114.0	100.0	86.9	73.7
45°	172.6	171.4	167.4	160.4	153.6	149.0	139.3	125.8	110.8	95.0	79.7
42.5°	192.4	190.3	184.7	176.5	173.7	166.5	154.2	139.2	121.8	103.2	86.4
40°	215.5	211.0	203.4	199.2	196.3	185.5	171.3	153.3	133.0	111.9	93.5
37.5°	241.1	234.5	224.4	227.5	221.5	208.1	189.7	167.9	144.7	121.8	100.4
35°	271.1	260.7	261.0	260.5	250.3	232.2	208.9	183.7	157.7	131.7	107.3
32.5°	303.9	301.1	305.8	298.3	281.8	257.8	230.5	201.0	170.9	141.4	114.1
30°	350.4	361.5	356.6	339.9	316.7	287.2	253.7	218.8	184.2	151.1	121.0
27.5°	430.6	430.2	413.8	387.9	355.7	318.4	277.2	236.9	197.5	161.2	128.9
25°	521.2	508.2	480.0	440.8	397.1	349.7	301.0	255.2	212.0	172.1	136.6
22.5°	624.6	593.1	551.7	497.1	438.1	381.8	326.4	275.3	227.1	182.8	143.9
20°	736.4	683.7	626.8	552.3	482.3	416.7	353.3	295.2	241.9	193.2	151.0
17.5°	856.2	777.1	698.3	612.1	528.7	452.0	380.1	314.8	256.3	203.3	157.7
15°	972.2	870.6	771.8	672.3	575.3	487.1	406.6	333.8	270.4	213.0	163.0
12.5°	1086.6	965.4	846.5	732.2	621.6	521.8	432.5	352.2	283.8	219.9	166.5
10°	1200.8	1060.1	921.0	791.1	666.9	555.6	457.4	366.6	290.1	224.3	169.3
7.5°	1313.3	1153.3	994.3	848.1	705.9	577.7	468.1	373.1	294.3	227.8	171.6
5°	1405.0	1214.2	1027.7	865.0	716.8	586.4	474.7	378.1	297.2	230.5	173.2
2.5°	1417.4	1224.2	1032.6	871.7	724.1	592.4	479.0	381.6	298.8	232.3	174.3
0°	1422.2	1227.4	1032.0	873.7	727.8	595.6	481.2	383.5	299.2	233.2	174.7
-2.5°	1417.4	1224.2	1032.6	871.7	724.1	592.4	479.0	381.6	298.8	232.3	174.3
-5°	1405.0	1214.2	1027.7	865.0	716.8	586.4	474.7	378.1	297.2	230.5	173.2
-7.5°	1313.3	1153.3	994.3	848.1	705.9	577.7	468.1	373.1	294.3	227.8	171.6
-10°	1200.8	1060.1	921.0	791.1	666.9	555.6	457.4	366.6	290.1	224.3	169.3
-12.5°	1086.6	965.4	846.5	732.2	621.6	521.8	432.5	352.2	283.8	219.9	166.5
-15°	972.2	870.6	771.8	672.3	575.3	487.1	406.6	333.8	270.4	213.0	163.0
-17.5°	856.2	777.1	698.3	612.1	528.7	452.0	380.1	314.8	256.3	203.3	157.7
-20°	736.4	683.7	626.8	552.3	482.3	416.7	353.3	295.2	241.9	193.2	151.0



REPORT NUMBER: P558510 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	624.6	593.1	551.7	497.1	438.1	381.8	326.4	275.3	227.1	182.8	143.9
-25°	521.2	508.2	480.0	440.8	397.1	349.7	301.0	255.2	212.0	172.1	136.6
-27.5°	430.6	430.2	413.8	387.9	355.7	318.4	277.2	236.9	197.5	161.2	128.9
-30°	350.4	361.5	356.6	339.9	316.7	287.2	253.7	218.8	184.2	151.1	121.0
-32.5°	303.9	301.1	305.8	298.3	281.8	257.8	230.5	201.0	170.9	141.4	114.1
-35°	271.1	260.7	261.0	260.5	250.3	232.2	208.9	183.7	157.7	131.7	107.3
-37.5°	241.1	234.5	224.4	227.5	221.5	208.1	189.7	167.9	144.7	121.8	100.4
-40°	215.5	211.0	203.4	199.2	196.3	185.5	171.3	153.3	133.0	111.9	93.5
-42.5°	192.4	190.3	184.7	176.5	173.7	166.5	154.2	139.2	121.8	103.2	86.4
-45°	172.6	171.4	167.4	160.4	153.6	149.0	139.3	125.8	110.8	95.0	79.7
-47.5°	154.8	154.6	151.3	145.0	137.4	133.1	125.2	114.0	100.0	86.9	73.7
-50°	139.2	139.1	136.3	131.5	124.8	119.2	112.1	102.6	91.2	78.9	67.7
-52.5°	126.4	125.0	122.9	118.9	113.0	106.2	100.6	91.8	82.6	71.9	61.7
-55°	114.4	112.3	110.6	107.0	101.6	95.3	89.7	82.8	74.1	65.4	55.9
-57.5°	103.1	100.9	99.0	95.6	91.0	85.4	80.0	73.9	66.6	58.7	50.6
-60°	92.2	90.2	87.9	85.0	80.9	76.1	71.1	65.5	59.3	52.3	45.4
-62.5°	81.7	79.8	77.5	74.8	71.5	67.4	62.5	57.8	52.1	46.5	40.1
-65°	71.7	70.0	67.6	65.6	62.6	58.9	54.5	50.1	45.7	40.8	35.0
-67.5°	62.2	60.7	58.8	56.7	54.1	50.8	46.6	43.3	39.6	35.0	30.5
-70°	53.1	51.8	50.2	48.3	45.9	42.9	40.0	37.1	33.6	30.1	26.0
-72.5°	44.3	43.3	41.9	40.2	38.3	36.1	33.6	31.0	28.3	25.1	21.5
-75°	35.8	35.1	34.1	32.8	31.2	29.4	27.5	25.4	23.0	20.2	17.4
-77.5°	28.0	27.4	26.6	25.6	24.5	23.1	21.6	19.8	17.8	15.7	13.4
-80°	20.9	20.4	19.8	18.9	18.0	16.9	15.9	14.7	13.1	11.4	9.5
-82.5°	14.4	13.9	13.4	12.8	12.3	11.6	10.7	9.6	8.4	7.0	6.2
-85°	8.7	8.3	7.9	7.4	6.8	6.2	5.8	5.4	5.0	4.6	4.1
-87.5°	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1
-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°	1.8	1.6	1.4	1.1	0.8	0.4	0.0
85°	3.6	3.2	2.7	2.2	1.5	0.8	0.0
82.5°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
80°	7.5	6.4	5.4	4.3	3.0	1.5	0.0
77.5°	11.0	8.5	6.8	5.4	3.8	1.9	0.0
75°	14.5	11.6	8.4	6.4	4.5	2.3	0.0
72.5°	18.0	14.6	10.8	7.5	5.2	2.6	0.0
70°	21.5	17.6	13.3	8.7	5.9	3.0	0.0
67.5°	25.6	20.5	15.8	10.6	6.7	3.3	0.0
65°	29.7	23.8	18.2	12.5	7.3	3.7	0.0
62.5°	33.7	27.2	20.6	14.3	8.0	4.0	0.0
60°	37.7	30.7	22.9	16.1	8.7	4.3	0.0
57.5°	42.3	34.1	25.7	17.9	9.9	4.7	0.0
55°	46.9	37.5	28.5	19.6	11.0	5.0	0.0
52.5°	51.4	40.9	31.2	21.3	12.1	5.3	0.0
50°	55.8	44.6	33.8	23.0	13.2	5.6	0.0
47.5°	60.3	48.3	36.4	24.7	14.3	5.9	0.0
45°	65.5	51.9	39.0	26.6	15.3	6.2	0.0
42.5°	70.6	55.4	41.5	28.4	16.3	6.4	0.0
40°	75.7	58.8	44.0	30.1	17.2	6.7	0.0
37.5°	80.8	62.0	46.6	31.8	18.1	6.9	0.0
35°	85.7	65.8	49.1	33.3	19.0	7.1	0.0
32.5°	90.8	69.7	51.5	34.7	19.8	7.3	0.0
30°	96.3	73.4	53.8	36.0	20.5	7.5	0.0
27.5°	101.5	77.1	55.7	37.2	21.3	7.7	0.0
25°	106.6	80.6	57.4	38.3	21.9	7.9	0.0
22.5°	111.4	83.7	59.1	39.2	22.5	8.0	0.0
20°	116.0	86.0	60.6	40.1	23.1	8.2	0.0
17.5°	119.5	88.1	61.9	40.9	23.6	8.3	0.0
15°	122.1	89.9	63.1	41.5	24.0	8.4	0.0
12.5°	124.3	91.4	64.1	42.1	24.4	8.5	0.0
10°	126.1	92.6	65.0	42.5	24.7	8.6	0.0
7.5°	127.6	93.6	65.8	42.9	25.0	8.6	0.0
5°	128.6	94.2	66.3	43.1	25.2	8.7	0.0
2.5°	129.3	94.6	66.7	43.2	25.3	8.7	0.0
0°	129.5	94.7	66.9	43.2	25.4	8.7	0.0
-2.5°	129.3	94.6	66.7	43.2	25.3	8.7	0.0
-5°	128.6	94.2	66.3	43.1	25.2	8.7	0.0
-7.5°	127.6	93.6	65.8	42.9	25.0	8.6	0.0
-10°	126.1	92.6	65.0	42.5	24.7	8.6	0.0
-12.5°	124.3	91.4	64.1	42.1	24.4	8.5	0.0
-15°	122.1	89.9	63.1	41.5	24.0	8.4	0.0
-17.5°	119.5	88.1	61.9	40.9	23.6	8.3	0.0
-20°	116.0	86.0	60.6	40.1	23.1	8.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.4	83.7	59.1	39.2	22.5	8.0	0.0
-25°	106.6	80.6	57.4	38.3	21.9	7.9	0.0
-27.5°	101.5	77.1	55.7	37.2	21.3	7.7	0.0
-30°	96.3	73.4	53.8	36.0	20.5	7.5	0.0
-32.5°	90.8	69.7	51.5	34.7	19.8	7.3	0.0
-35°	85.7	65.8	49.1	33.3	19.0	7.1	0.0
-37.5°	80.8	62.0	46.6	31.8	18.1	6.9	0.0
-40°	75.7	58.8	44.0	30.1	17.2	6.7	0.0
-42.5°	70.6	55.4	41.5	28.4	16.3	6.4	0.0
-45°	65.5	51.9	39.0	26.6	15.3	6.2	0.0
-47.5°	60.3	48.3	36.4	24.7	14.3	5.9	0.0
-50°	55.8	44.6	33.8	23.0	13.2	5.6	0.0
-52.5°	51.4	40.9	31.2	21.3	12.1	5.3	0.0
-55°	46.9	37.5	28.5	19.6	11.0	5.0	0.0
-57.5°	42.3	34.1	25.7	17.9	9.9	4.7	0.0
-60°	37.7	30.7	22.9	16.1	8.7	4.3	0.0
-62.5°	33.7	27.2	20.6	14.3	8.0	4.0	0.0
-65°	29.7	23.8	18.2	12.5	7.3	3.7	0.0
-67.5°	25.6	20.5	15.8	10.6	6.7	3.3	0.0
-70°	21.5	17.6	13.3	8.7	5.9	3.0	0.0
-72.5°	18.0	14.6	10.8	7.5	5.2	2.6	0.0
-75°	14.5	11.6	8.4	6.4	4.5	2.3	0.0
-77.5°	11.0	8.5	6.8	5.4	3.8	1.9	0.0
-80°	7.5	6.4	5.4	4.3	3.0	1.5	0.0
-82.5°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
-85°	3.6	3.2	2.7	2.2	1.5	0.8	0.0
-87.5°	1.8	1.6	1.4	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)