

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: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-927-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

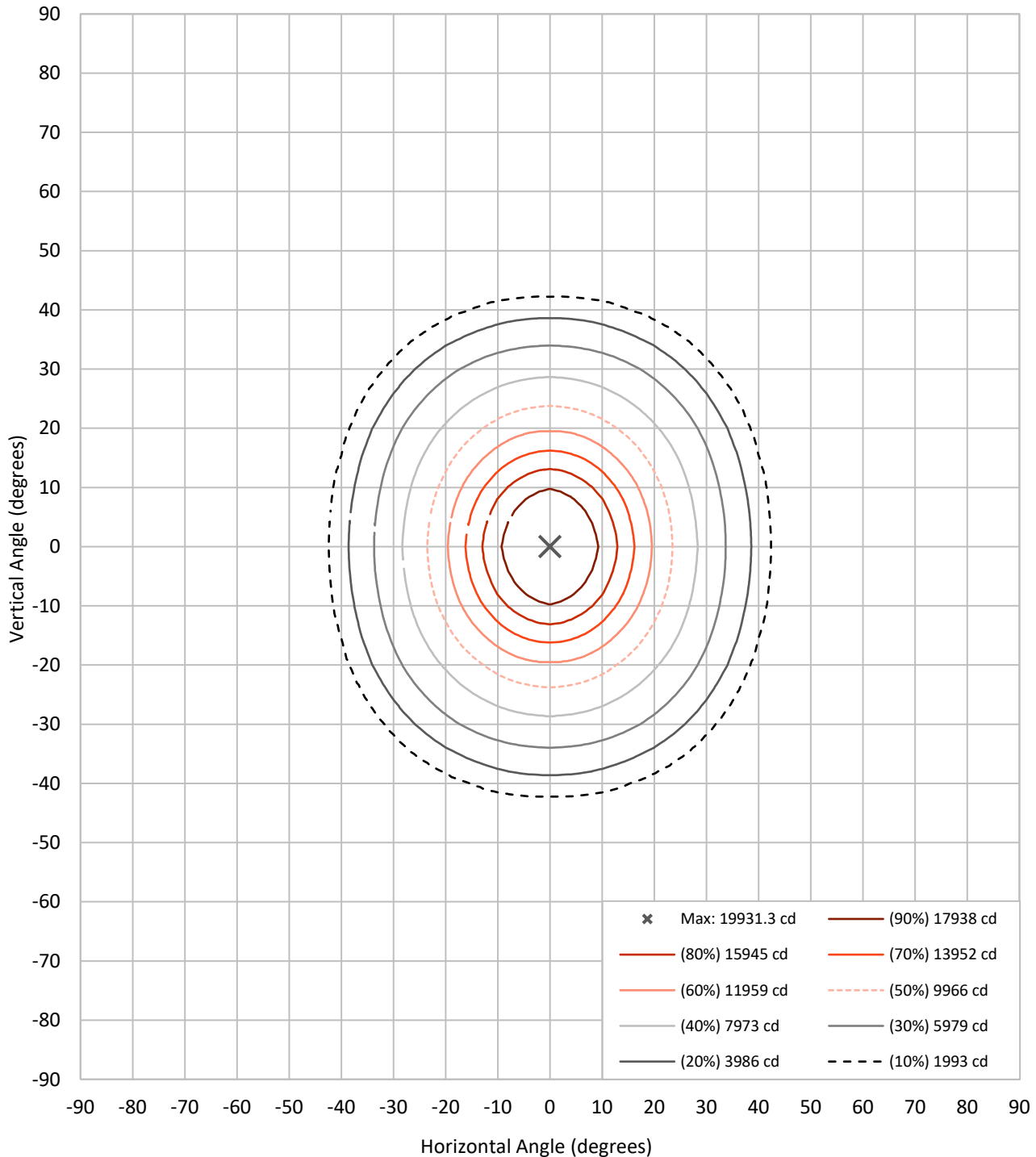
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15515.4 lumens	Max Intensity:	19931.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7321.2 lumens	Field Lumens:	14088 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 154  
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





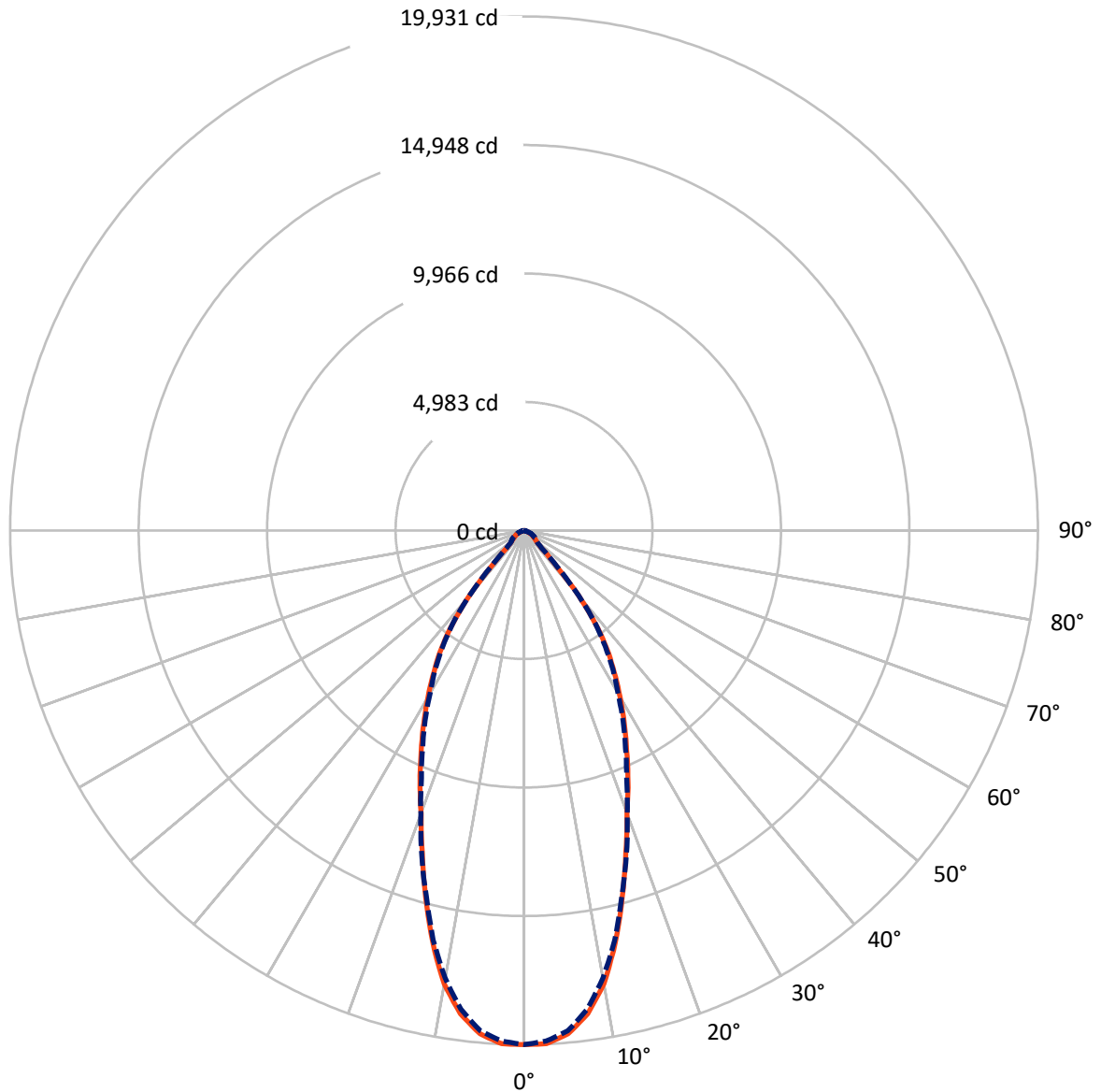
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### Lumen Table

90																
80	0.3	1.9		4.3		7.0		5.4		7.0		4.3		1.9		0.3
70																
60	1.1	1.2	2.3	3.5	4.9	6.2	7.1	7.7	7.7	7.1	6.2	4.9	3.5	2.3	1.2	1.1
50		1.9	3.7	6.2	8.9	11.1	12.7	14.0	14.0	12.7	11.1	8.9	6.2	3.7	1.9	
40	1.7	2.5	5.2	8.7	12.7	17.4	27.6	38.6	38.6	27.6	17.4	12.7	8.7	5.2	2.5	1.7
30		3.0	6.5	10.9	20.4	65.4	127.3	162.2	162.2	127.3	65.4	20.4	10.9	6.5	3.0	
20	1.8	3.5	7.6	13.6	59.8	156.2	230.5	279.1	279.1	230.5	156.2	59.8	13.6	7.6	3.5	1.8
10		3.9	8.4	20.9	108.7	215.6	327.6	426.4	426.4	327.6	215.6	108.7	20.9	8.4	3.9	
0	1.9	4.2	9.1	28.8	132.4	251.6	412.0	557.3	557.3	412.0	251.6	132.4	28.8	9.1	4.2	1.9
-10		4.2	9.1	28.8	132.4	251.6	412.0	557.3	557.3	412.0	251.6	132.4	28.8	9.1	4.2	
-20	1.8	3.9	8.4	20.9	108.7	215.6	327.6	426.4	426.4	327.6	215.6	108.7	20.9	8.4	3.9	1.8
-30		3.5	7.6	13.6	59.8	156.2	230.5	279.1	279.1	230.5	156.2	59.8	13.6	7.6	3.5	
-40	1.7	3.0	6.5	10.9	20.4	65.4	127.3	162.2	162.2	127.3	65.4	20.4	10.9	6.5	3.0	1.7
-50		2.5	5.2	8.7	12.7	17.4	27.6	38.6	38.6	27.6	17.4	12.7	8.7	5.2	2.5	
-60	1.1	1.9	3.7	6.2	8.9	11.1	12.7	14.0	14.0	12.7	11.1	8.9	6.2	3.7	1.9	1.1
-70		1.2	2.3	3.5	4.9	6.2	7.1	7.7	7.7	7.1	6.2	4.9	3.5	2.3	1.2	
-80																
-90	0.3	1.9		4.3		7.0		5.4		7.0		4.3		1.9		0.3

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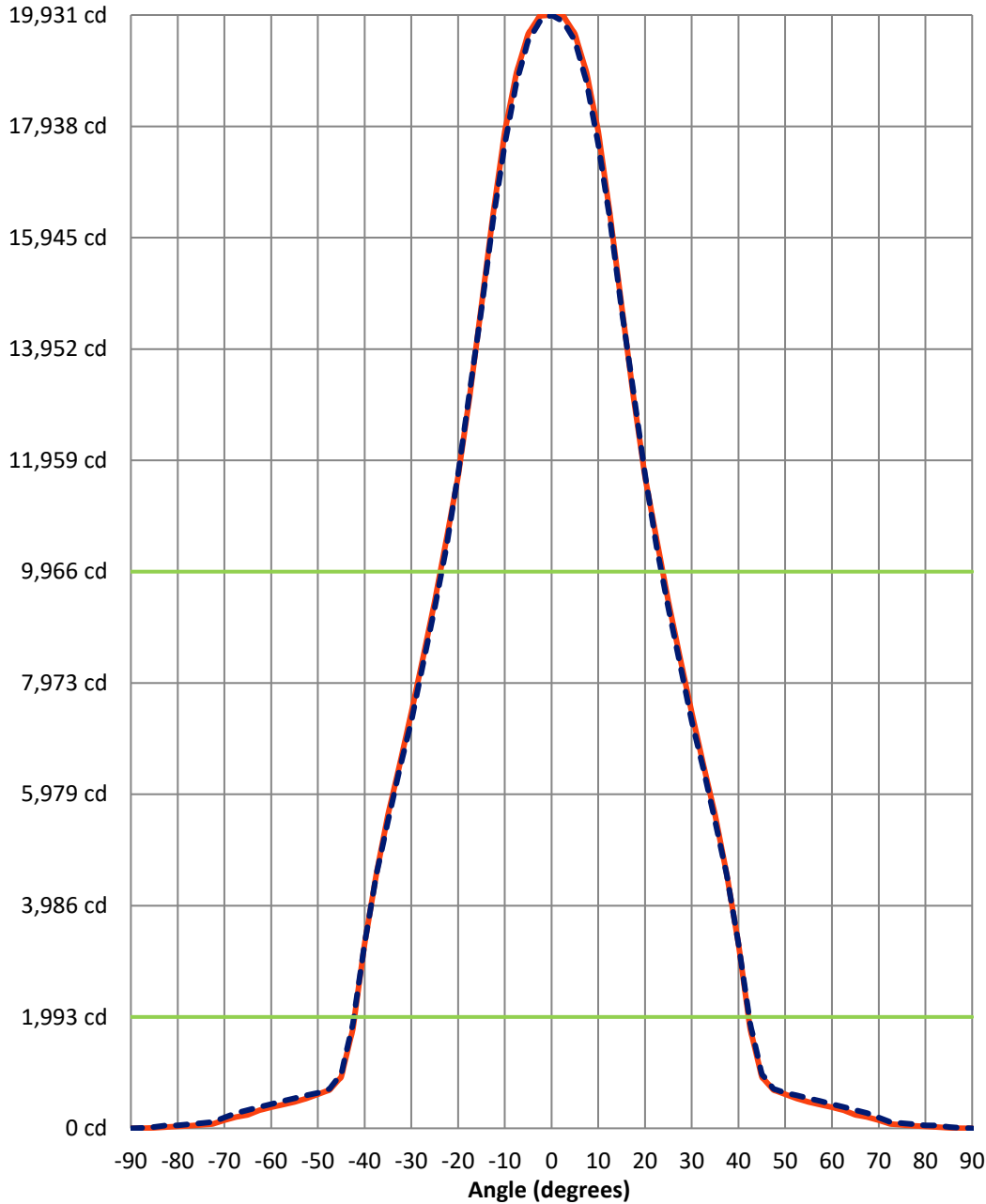
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 7321.2  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 14088  
Efficiency: 90.8%

**Spill:**  
Lumens: 1427.5  
Efficiency: 9.2%

— 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	1.1	1.6	2.1	2.7	3.0	3.3	3.6	3.8
85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.8
80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.8	17.7	19.9	21.5
77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.6	21.9	25.2	27.6	29.8
75°	0.0	1.9	3.9	6.3	9.5	16.2	23.8	29.0	32.9	37.0	40.1
72.5°	0.0	2.3	4.5	7.3	13.1	21.0	29.9	36.6	42.4	47.1	50.6
70°	0.0	2.6	5.1	8.6	16.5	25.6	35.9	45.5	52.0	57.3	65.6
67.5°	0.0	2.9	5.7	10.9	19.8	30.0	43.0	54.4	61.7	70.2	81.1
65°	0.0	3.2	6.3	13.1	23.0	34.8	49.8	63.3	71.8	82.6	95.6
62.5°	0.0	3.5	6.9	15.3	26.1	39.9	56.3	71.4	81.5	94.5	109.1
60°	0.0	3.7	7.5	17.4	29.1	44.7	62.5	78.7	90.6	106.6	122.4
57.5°	0.0	4.0	8.8	19.4	32.5	49.3	66.7	85.3	100.9	118.5	134.0
55°	0.0	4.3	10.1	21.3	35.8	53.6	70.3	90.0	111.3	129.7	144.7
52.5°	0.0	4.6	11.3	23.1	38.8	57.2	73.3	96.5	121.5	139.2	155.1
50°	0.0	4.8	12.5	24.8	41.6	59.1	75.9	102.5	130.9	148.5	166.8
47.5°	0.0	5.1	13.6	26.5	44.3	60.6	78.2	107.8	139.0	157.5	178.1
45°	0.0	5.3	14.7	28.3	46.7	61.7	82.0	112.3	143.1	167.3	189.0
42.5°	0.0	5.5	15.7	29.9	48.8	62.4	85.2	115.5	146.3	176.6	200.2
40°	0.0	5.7	16.7	31.6	50.0	62.8	87.8	117.6	149.1	185.0	211.0
37.5°	0.0	5.9	17.6	33.4	50.1	62.7	89.8	119.1	152.1	189.0	221.3
35°	0.0	6.1	18.5	35.1	50.1	63.5	91.3	120.0	154.7	195.1	231.2
32.5°	0.0	6.3	19.3	36.8	49.8	64.5	92.0	120.2	156.8	202.4	240.3
30°	0.0	6.5	20.0	38.4	49.3	65.1	91.9	120.2	158.4	211.0	249.2
27.5°	0.0	6.7	20.7	40.0	49.8	65.3	91.4	121.0	161.5	220.6	257.9
25°	0.0	6.8	21.3	41.5	50.4	65.1	90.4	121.3	168.0	228.7	266.5
22.5°	0.0	6.9	21.9	42.9	50.9	65.2	88.9	121.1	174.7	235.3	277.0
20°	0.0	7.0	22.4	44.2	51.3	66.9	87.1	120.5	181.6	241.5	286.5
17.5°	0.0	7.2	22.8	45.5	51.6	68.4	87.2	119.4	188.4	247.2	295.1
15°	0.0	7.2	23.1	46.6	51.9	69.7	88.5	119.0	195.0	252.4	302.5
12.5°	0.0	7.3	23.4	47.6	52.1	70.8	89.5	119.5	199.5	257.1	309.0
10°	0.0	7.4	23.7	48.6	52.2	71.7	90.3	119.2	201.3	260.9	314.5
7.5°	0.0	7.4	23.8	49.3	52.3	72.4	90.9	118.2	201.5	264.7	319.1
5°	0.0	7.5	23.9	50.0	52.4	72.9	91.3	116.7	200.1	268.0	322.6
2.5°	0.0	7.5	23.9	50.5	52.4	73.2	91.4	114.6	197.3	270.7	324.9
0°	0.0	7.5	23.9	50.9	52.4	73.3	91.3	112.2	193.0	272.3	326.2
-2.5°	0.0	7.5	23.9	50.5	52.4	73.2	91.4	114.6	197.3	270.7	324.9
-5°	0.0	7.5	23.9	50.0	52.4	72.9	91.3	116.7	200.1	268.0	322.6
-7.5°	0.0	7.4	23.8	49.3	52.3	72.4	90.9	118.2	201.5	264.7	319.1
-10°	0.0	7.4	23.7	48.6	52.2	71.7	90.3	119.2	201.3	260.9	314.5
-12.5°	0.0	7.3	23.4	47.6	52.1	70.8	89.5	119.5	199.5	257.1	309.0
-15°	0.0	7.2	23.1	46.6	51.9	69.7	88.5	119.0	195.0	252.4	302.5
-17.5°	0.0	7.2	22.8	45.5	51.6	68.4	87.2	119.4	188.4	247.2	295.1
-20°	0.0	7.0	22.4	44.2	51.3	66.9	87.1	120.5	181.6	241.5	286.5



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	21.9	42.9	50.9	65.2	88.9	121.1	174.7	235.3	277.0
-25°	0.0	6.8	21.3	41.5	50.4	65.1	90.4	121.3	168.0	228.7	266.5
-27.5°	0.0	6.7	20.7	40.0	49.8	65.3	91.4	121.0	161.5	220.6	257.9
-30°	0.0	6.5	20.0	38.4	49.3	65.1	91.9	120.2	158.4	211.0	249.2
-32.5°	0.0	6.3	19.3	36.8	49.8	64.5	92.0	120.2	156.8	202.4	240.3
-35°	0.0	6.1	18.5	35.1	50.1	63.5	91.3	120.0	154.7	195.1	231.2
-37.5°	0.0	5.9	17.6	33.4	50.1	62.7	89.8	119.1	152.1	189.0	221.3
-40°	0.0	5.7	16.7	31.6	50.0	62.8	87.8	117.6	149.1	185.0	211.0
-42.5°	0.0	5.5	15.7	29.9	48.8	62.4	85.2	115.5	146.3	176.6	200.2
-45°	0.0	5.3	14.7	28.3	46.7	61.7	82.0	112.3	143.1	167.3	189.0
-47.5°	0.0	5.1	13.6	26.5	44.3	60.6	78.2	107.8	139.0	157.5	178.1
-50°	0.0	4.8	12.5	24.8	41.6	59.1	75.9	102.5	130.9	148.5	166.8
-52.5°	0.0	4.6	11.3	23.1	38.8	57.2	73.3	96.5	121.5	139.2	155.1
-55°	0.0	4.3	10.1	21.3	35.8	53.6	70.3	90.0	111.3	129.7	144.7
-57.5°	0.0	4.0	8.8	19.4	32.5	49.3	66.7	85.3	100.9	118.5	134.0
-60°	0.0	3.7	7.5	17.4	29.1	44.7	62.5	78.7	90.6	106.6	122.4
-62.5°	0.0	3.5	6.9	15.3	26.1	39.9	56.3	71.4	81.5	94.5	109.1
-65°	0.0	3.2	6.3	13.1	23.0	34.8	49.8	63.3	71.8	82.6	95.6
-67.5°	0.0	2.9	5.7	10.9	19.8	30.0	43.0	54.4	61.7	70.2	81.1
-70°	0.0	2.6	5.1	8.6	16.5	25.6	35.9	45.5	52.0	57.3	65.6
-72.5°	0.0	2.3	4.5	7.3	13.1	21.0	29.9	36.6	42.4	47.1	50.6
-75°	0.0	1.9	3.9	6.3	9.5	16.2	23.8	29.0	32.9	37.0	40.1
-77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.6	21.9	25.2	27.6	29.8
-80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.8	17.7	19.9	21.5
-82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.8
-85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
-87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.6	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





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 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
85°	7.6	7.5	8.1	8.6	8.9	8.8	8.5	8.0	9.2	10.5	12.0
82.5°	15.2	16.5	17.7	18.9	19.0	18.5	17.9	17.2	19.8	23.0	26.5
80°	23.4	25.4	28.3	31.3	32.1	31.9	30.9	29.2	32.8	38.1	44.2
77.5°	33.5	37.5	41.6	45.8	46.8	45.9	44.0	40.9	45.5	54.1	63.7
75°	44.5	49.6	56.1	61.2	62.3	60.5	57.5	54.8	60.5	71.1	81.4
72.5°	58.1	66.5	72.9	77.4	77.7	76.1	74.6	73.2	79.5	92.1	102.7
70°	75.5	83.9	88.9	91.6	92.3	93.3	97.5	101.5	107.7	118.6	127.2
67.5°	92.7	99.4	103.9	107.2	113.6	119.7	125.5	131.6	138.5	147.7	154.3
65°	108.0	114.9	120.8	128.6	138.0	145.4	153.2	161.7	171.3	180.0	186.3
62.5°	123.2	130.5	138.9	149.1	160.0	170.0	181.5	193.3	204.8	214.5	225.3
60°	135.6	145.4	156.6	169.0	182.1	197.3	211.2	224.8	237.3	249.5	264.6
57.5°	147.4	160.8	174.4	189.2	206.5	224.9	241.2	256.2	271.9	289.6	304.4
55°	159.8	176.6	192.3	210.3	230.8	253.0	270.8	287.7	307.1	328.4	345.0
52.5°	173.3	191.8	210.3	231.8	256.5	278.6	297.3	318.3	341.8	364.9	384.2
50°	186.3	206.8	228.2	255.5	280.0	301.1	324.3	349.7	374.2	398.0	420.8
47.5°	199.4	221.4	249.8	277.6	300.6	325.3	352.4	378.5	404.3	429.0	452.9
45°	212.3	238.3	269.8	296.3	321.9	350.3	378.2	405.6	432.7	459.1	485.1
42.5°	224.7	254.9	286.7	314.4	343.8	373.5	402.7	431.7	460.3	488.5	516.3
40°	238.3	270.1	303.5	333.7	364.5	395.4	426.2	456.7	487.0	516.8	546.3
37.5°	250.8	285.8	320.6	352.3	383.9	416.3	448.5	480.9	512.7	543.9	577.4
35°	262.0	301.7	336.8	370.0	403.2	436.0	470.2	504.2	537.8	571.5	614.2
32.5°	274.6	317.6	352.1	387.1	421.4	455.3	490.8	526.8	562.5	601.9	663.4
30°	288.7	331.0	366.6	403.5	438.6	474.2	510.8	548.5	586.0	647.3	789.3
27.5°	302.5	343.3	380.8	418.5	454.6	491.6	530.0	568.9	621.2	715.6	945.9
25°	315.2	355.1	394.0	432.2	469.5	507.8	547.5	588.0	659.0	849.7	1358.5
22.5°	326.0	366.5	406.9	444.7	483.0	522.6	563.8	617.6	727.2	985.0	1817.5
20°	335.1	377.4	418.7	458.0	495.6	535.7	578.6	645.7	831.0	1371.4	2367.6
17.5°	343.7	387.2	429.5	470.5	510.1	549.4	593.5	670.1	924.4	1707.3	2920.8
15°	351.5	396.0	439.6	482.3	523.3	564.2	616.8	739.1	1113.3	2040.7	3413.5
12.5°	358.6	403.8	448.8	493.3	535.1	577.4	637.8	807.7	1344.7	2431.8	3749.7
10°	364.7	410.4	457.0	503.2	545.5	589.0	655.5	864.0	1534.9	2753.5	4020.0
7.5°	370.5	416.8	464.6	512.0	554.6	598.9	670.0	908.0	1681.8	2995.7	4235.6
5°	375.3	423.1	473.6	521.6	565.9	609.8	682.4	939.5	1785.0	3159.0	4392.6
2.5°	379.0	428.3	481.4	530.1	578.4	622.9	696.7	962.9	1851.6	3262.9	4493.1
0°	381.6	432.4	487.8	537.2	589.6	634.4	707.8	974.1	1876.4	3300.9	4530.9
-2.5°	379.0	428.3	481.4	530.1	578.4	622.9	696.7	962.9	1851.6	3262.9	4493.1
-5°	375.3	423.1	473.6	521.6	565.9	609.8	682.4	939.5	1785.0	3159.0	4392.6
-7.5°	370.5	416.8	464.6	512.0	554.6	598.9	670.0	908.0	1681.8	2995.7	4235.6
-10°	364.7	410.4	457.0	503.2	545.5	589.0	655.5	864.0	1534.9	2753.5	4020.0
-12.5°	358.6	403.8	448.8	493.3	535.1	577.4	637.8	807.7	1344.7	2431.8	3749.7
-15°	351.5	396.0	439.6	482.3	523.3	564.2	616.8	739.1	1113.3	2040.7	3413.5
-17.5°	343.7	387.2	429.5	470.5	510.1	549.4	593.5	670.1	924.4	1707.3	2920.8
-20°	335.1	377.4	418.7	458.0	495.6	535.7	578.6	645.7	831.0	1371.4	2367.6



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	326.0	366.5	406.9	444.7	483.0	522.6	563.8	617.6	727.2	985.0	1817.5
-25°	315.2	355.1	394.0	432.2	469.5	507.8	547.5	588.0	659.0	849.7	1358.5
-27.5°	302.5	343.3	380.8	418.5	454.6	491.6	530.0	568.9	621.2	715.6	945.9
-30°	288.7	331.0	366.6	403.5	438.6	474.2	510.8	548.5	586.0	647.3	789.3
-32.5°	274.6	317.6	352.1	387.1	421.4	455.3	490.8	526.8	562.5	601.9	663.4
-35°	262.0	301.7	336.8	370.0	403.2	436.0	470.2	504.2	537.8	571.5	614.2
-37.5°	250.8	285.8	320.6	352.3	383.9	416.3	448.5	480.9	512.7	543.9	577.4
-40°	238.3	270.1	303.5	333.7	364.5	395.4	426.2	456.7	487.0	516.8	546.3
-42.5°	224.7	254.9	286.7	314.4	343.8	373.5	402.7	431.7	460.3	488.5	516.3
-45°	212.3	238.3	269.8	296.3	321.9	350.3	378.2	405.6	432.7	459.1	485.1
-47.5°	199.4	221.4	249.8	277.6	300.6	325.3	352.4	378.5	404.3	429.0	452.9
-50°	186.3	206.8	228.2	255.5	280.0	301.1	324.3	349.7	374.2	398.0	420.8
-52.5°	173.3	191.8	210.3	231.8	256.5	278.6	297.3	318.3	341.8	364.9	384.2
-55°	159.8	176.6	192.3	210.3	230.8	253.0	270.8	287.7	307.1	328.4	345.0
-57.5°	147.4	160.8	174.4	189.2	206.5	224.9	241.2	256.2	271.9	289.6	304.4
-60°	135.6	145.4	156.6	169.0	182.1	197.3	211.2	224.8	237.3	249.5	264.6
-62.5°	123.2	130.5	138.9	149.1	160.0	170.0	181.5	193.3	204.8	214.5	225.3
-65°	108.0	114.9	120.8	128.6	138.0	145.4	153.2	161.7	171.3	180.0	186.3
-67.5°	92.7	99.4	103.9	107.2	113.6	119.7	125.5	131.6	138.5	147.7	154.3
-70°	75.5	83.9	88.9	91.6	92.3	93.3	97.5	101.5	107.7	118.6	127.2
-72.5°	58.1	66.5	72.9	77.4	77.7	76.1	74.6	73.2	79.5	92.1	102.7
-75°	44.5	49.6	56.1	61.2	62.3	60.5	57.5	54.8	60.5	71.1	81.4
-77.5°	33.5	37.5	41.6	45.8	46.8	45.9	44.0	40.9	45.5	54.1	63.7
-80°	23.4	25.4	28.3	31.3	32.1	31.9	30.9	29.2	32.8	38.1	44.2
-82.5°	15.2	16.5	17.7	18.9	19.0	18.5	17.9	17.2	19.8	23.0	26.5
-85°	7.6	7.5	8.1	8.6	8.9	8.8	8.5	8.0	9.2	10.5	12.0
-87.5°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
-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: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
85°	13.5	13.1	12.4	11.5	10.4	10.9	11.6	12.2	12.8	11.9	11.0
82.5°	30.2	30.6	30.6	30.5	30.3	31.7	32.9	34.0	34.9	32.3	29.2
80°	50.8	53.3	54.7	56.0	57.1	57.1	56.4	55.0	53.2	48.6	43.6
77.5°	73.5	77.3	79.2	81.1	83.1	83.8	84.2	84.8	85.3	77.4	67.3
75°	91.2	96.8	100.1	103.2	106.0	107.6	108.5	109.1	109.3	99.8	87.5
72.5°	111.2	116.7	120.7	124.5	128.0	130.3	131.6	132.6	133.3	125.1	113.3
70°	133.3	137.6	142.4	147.0	151.4	154.3	156.3	157.9	159.0	158.2	157.6
67.5°	159.4	163.3	169.0	173.5	178.0	181.3	184.6	187.2	189.2	191.4	193.9
65°	192.2	201.4	209.8	214.1	214.7	219.3	226.9	231.8	234.2	236.2	238.6
62.5°	237.7	248.9	254.9	262.1	271.3	279.9	283.2	287.6	292.9	299.3	306.6
60°	276.8	286.1	295.6	305.5	314.0	321.1	328.8	336.5	343.4	349.8	356.1
57.5°	316.7	326.9	336.6	348.2	356.3	361.1	368.6	377.8	384.8	390.4	398.7
55°	358.1	371.2	384.4	394.9	402.6	407.6	413.3	422.2	427.4	429.4	439.1
52.5°	399.7	415.2	431.6	443.8	452.0	459.5	466.5	474.3	479.6	482.2	491.6
50°	438.3	456.8	475.0	491.0	501.8	514.3	528.5	535.5	540.0	545.0	555.6
47.5°	475.0	495.7	515.2	533.2	548.8	562.8	575.1	586.8	604.2	617.9	631.6
45°	510.3	532.3	553.5	573.7	591.0	618.6	644.8	667.2	726.9	777.1	815.3
42.5°	543.5	570.1	593.8	627.6	664.3	727.9	826.2	917.3	1093.4	1320.2	1509.5
40°	578.0	612.5	655.2	720.9	845.1	972.9	1354.7	1695.0	2029.6	2410.3	2736.5
37.5°	618.4	670.4	795.5	943.9	1342.2	1782.9	2324.0	2855.2	3317.8	3713.6	4044.1
35°	671.9	832.6	1066.3	1607.0	2195.5	2917.9	3541.7	4041.3	4498.3	4865.0	5141.0
32.5°	829.6	1123.7	1740.8	2484.4	3294.0	3991.9	4599.5	5077.8	5494.6	5823.3	6079.2
30°	1060.4	1736.3	2574.5	3465.1	4271.4	4937.8	5499.1	5955.1	6327.2	6661.6	6942.4
27.5°	1609.0	2478.7	3463.9	4372.2	5105.6	5729.5	6233.1	6684.8	7095.0	7447.2	7779.1
25°	2209.3	3285.9	4279.6	5106.3	5790.8	6376.1	6907.2	7401.2	7860.5	8272.7	8658.9
22.5°	2930.2	4003.9	4953.6	5718.8	6382.0	6983.4	7547.4	8097.2	8631.8	9134.9	9602.1
20°	3582.9	4636.7	5464.8	6229.0	6918.0	7544.7	8166.3	8807.2	9424.2	10030.0	10592.6
17.5°	4091.5	5071.8	5903.2	6677.8	7379.2	8088.8	8800.3	9536.4	10280.6	10984.1	11657.1
15°	4516.2	5434.8	6277.4	7051.9	7823.1	8606.0	9400.9	10268.0	11153.2	11995.3	12853.1
12.5°	4817.3	5737.7	6592.0	7369.1	8233.7	9083.7	10008.9	10997.2	12019.4	13000.4	14054.0
10°	5059.3	5979.4	6826.5	7664.4	8579.4	9521.9	10559.6	11648.1	12868.0	14029.5	15164.7
7.5°	5267.0	6181.1	7014.9	7905.2	8867.1	9902.9	11031.6	12262.2	13582.4	14874.9	16226.2
5°	5418.9	6318.5	7161.3	8102.6	9088.2	10181.3	11395.6	12710.6	14126.4	15542.6	16878.9
2.5°	5499.4	6396.9	7252.3	8225.1	9217.9	10350.0	11614.6	13008.4	14503.9	16049.2	17366.8
0°	5497.6	6429.8	7287.2	8307.7	9313.2	10401.1	11708.9	13199.2	14658.2	16263.7	17616.4
-2.5°	5499.4	6396.9	7252.3	8225.1	9217.9	10350.0	11614.6	13008.4	14503.9	16049.2	17366.8
-5°	5418.9	6318.5	7161.3	8102.6	9088.2	10181.3	11395.6	12710.6	14126.4	15542.6	16878.9
-7.5°	5267.0	6181.1	7014.9	7905.2	8867.1	9902.9	11031.6	12262.2	13582.4	14874.9	16226.2
-10°	5059.3	5979.4	6826.5	7664.4	8579.4	9521.9	10559.6	11648.1	12868.0	14029.5	15164.7
-12.5°	4817.3	5737.7	6592.0	7369.1	8233.7	9083.7	10008.9	10997.2	12019.4	13000.4	14054.0
-15°	4516.2	5434.8	6277.4	7051.9	7823.1	8606.0	9400.9	10268.0	11153.2	11995.3	12853.1
-17.5°	4091.5	5071.8	5903.2	6677.8	7379.2	8088.8	8800.3	9536.4	10280.6	10984.1	11657.1
-20°	3582.9	4636.7	5464.8	6229.0	6918.0	7544.7	8166.3	8807.2	9424.2	10030.0	10592.6



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2930.2	4003.9	4953.6	5718.8	6382.0	6983.4	7547.4	8097.2	8631.8	9134.9	9602.1
-25°	2209.3	3285.9	4279.6	5106.3	5790.8	6376.1	6907.2	7401.2	7860.5	8272.7	8658.9
-27.5°	1609.0	2478.7	3463.9	4372.2	5105.6	5729.5	6233.1	6684.8	7095.0	7447.2	7779.1
-30°	1060.4	1736.3	2574.5	3465.1	4271.4	4937.8	5499.1	5955.1	6327.2	6661.6	6942.4
-32.5°	829.6	1123.7	1740.8	2484.4	3294.0	3991.9	4599.5	5077.8	5494.6	5823.3	6079.2
-35°	671.9	832.6	1066.3	1607.0	2195.5	2917.9	3541.7	4041.3	4498.3	4865.0	5141.0
-37.5°	618.4	670.4	795.5	943.9	1342.2	1782.9	2324.0	2855.2	3317.8	3713.6	4044.1
-40°	578.0	612.5	655.2	720.9	845.1	972.9	1354.7	1695.0	2029.6	2410.3	2736.5
-42.5°	543.5	570.1	593.8	627.6	664.3	727.9	826.2	917.3	1093.4	1320.2	1509.5
-45°	510.3	532.3	553.5	573.7	591.0	618.6	644.8	667.2	726.9	777.1	815.3
-47.5°	475.0	495.7	515.2	533.2	548.8	562.8	575.1	586.8	604.2	617.9	631.6
-50°	438.3	456.8	475.0	491.0	501.8	514.3	528.5	535.5	540.0	545.0	555.6
-52.5°	399.7	415.2	431.6	443.8	452.0	459.5	466.5	474.3	479.6	482.2	491.6
-55°	358.1	371.2	384.4	394.9	402.6	407.6	413.3	422.2	427.4	429.4	439.1
-57.5°	316.7	326.9	336.6	348.2	356.3	361.1	368.6	377.8	384.8	390.4	398.7
-60°	276.8	286.1	295.6	305.5	314.0	321.1	328.8	336.5	343.4	349.8	356.1
-62.5°	237.7	248.9	254.9	262.1	271.3	279.9	283.2	287.6	292.9	299.3	306.6
-65°	192.2	201.4	209.8	214.1	214.7	219.3	226.9	231.8	234.2	236.2	238.6
-67.5°	159.4	163.3	169.0	173.5	178.0	181.3	184.6	187.2	189.2	191.4	193.9
-70°	133.3	137.6	142.4	147.0	151.4	154.3	156.3	157.9	159.0	158.2	157.6
-72.5°	111.2	116.7	120.7	124.5	128.0	130.3	131.6	132.6	133.3	125.1	113.3
-75°	91.2	96.8	100.1	103.2	106.0	107.6	108.5	109.1	109.3	99.8	87.5
-77.5°	73.5	77.3	79.2	81.1	83.1	83.8	84.2	84.8	85.3	77.4	67.3
-80°	50.8	53.3	54.7	56.0	57.1	57.1	56.4	55.0	53.2	48.6	43.6
-82.5°	30.2	30.6	30.6	30.5	30.3	31.7	32.9	34.0	34.9	32.3	29.2
-85°	13.5	13.1	12.4	11.5	10.4	10.9	11.6	12.2	12.8	11.9	11.0
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	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: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.8	12.2
82.5°	25.8	22.3	22.4	22.4	22.4	22.3	25.8	29.2	32.3	34.9	34.0
80°	38.4	32.9	33.6	34.4	33.6	32.9	38.4	43.6	48.6	53.2	55.0
77.5°	56.5	45.2	44.8	44.9	44.8	45.2	56.5	67.3	77.4	85.3	84.8
75°	74.9	61.9	61.3	61.4	61.3	61.9	74.9	87.5	99.8	109.3	109.1
72.5°	101.2	88.8	83.2	77.8	83.2	88.8	101.2	113.3	125.1	133.3	132.6
70°	157.7	158.1	152.5	145.1	152.5	158.1	157.7	157.6	158.2	159.0	157.9
67.5°	196.0	197.6	200.0	202.0	200.0	197.6	196.0	193.9	191.4	189.2	187.2
65°	239.7	239.6	240.5	240.9	240.5	239.6	239.7	238.6	236.2	234.2	231.8
62.5°	312.9	317.9	321.4	323.2	321.4	317.9	312.9	306.6	299.3	292.9	287.6
60°	361.3	365.4	371.3	377.1	371.3	365.4	361.3	356.1	349.8	343.4	336.5
57.5°	406.5	413.6	419.3	423.5	419.3	413.6	406.5	398.7	390.4	384.8	377.8
55°	448.3	456.5	464.3	471.3	464.3	456.5	448.3	439.1	429.4	427.4	422.2
52.5°	500.8	507.4	518.6	532.7	518.6	507.4	500.8	491.6	482.2	479.6	474.3
50°	567.8	578.0	592.0	609.0	592.0	578.0	567.8	555.6	545.0	540.0	535.5
47.5°	645.3	655.5	669.0	686.8	669.0	655.5	645.3	631.6	617.9	604.2	586.8
45°	850.3	874.3	896.2	920.3	896.2	874.3	850.3	815.3	777.1	726.9	667.2
42.5°	1661.4	1766.3	1811.6	1785.1	1811.6	1766.3	1661.4	1509.5	1320.2	1093.4	917.3
40°	2985.1	3159.6	3262.2	3297.9	3262.2	3159.6	2985.1	2736.5	2410.3	2029.6	1695.0
37.5°	4285.4	4446.0	4532.6	4542.9	4532.6	4446.0	4285.4	4044.1	3713.6	3317.8	2855.2
35°	5340.3	5472.5	5551.0	5609.8	5551.0	5472.5	5340.3	5141.0	4865.0	4498.3	4041.3
32.5°	6287.6	6438.3	6525.5	6506.1	6525.5	6438.3	6287.6	6079.2	5823.3	5494.6	5077.8
30°	7172.5	7337.4	7439.8	7442.8	7439.8	7337.4	7172.5	6942.4	6661.6	6327.2	5955.1
27.5°	8047.5	8232.5	8339.3	8422.9	8339.3	8232.5	8047.5	7779.1	7447.2	7095.0	6684.8
25°	8980.8	9211.5	9348.5	9431.4	9348.5	9211.5	8980.8	8658.9	8272.7	7860.5	7401.2
22.5°	9987.2	10273.0	10460.7	10538.7	10460.7	10273.0	9987.2	9602.1	9134.9	8631.8	8097.2
20°	11081.9	11436.0	11675.7	11668.5	11675.7	11436.0	11081.9	10592.6	10030.0	9424.2	8807.2
17.5°	12303.3	12760.1	13069.2	13113.9	13069.2	12760.1	12303.3	11657.1	10984.1	10280.6	9536.4
15°	13612.8	14201.7	14601.6	14725.5	14601.6	14201.7	13612.8	12853.1	11995.3	11153.2	10268.0
12.5°	14954.7	15655.2	16188.2	16365.5	16188.2	15655.2	14954.7	14054.0	13000.4	12019.4	10997.2
10°	16233.3	17009.2	17587.8	17843.9	17587.8	17009.2	16233.3	15164.7	14029.5	12868.0	11648.1
7.5°	17302.2	18090.5	18686.5	18897.3	18686.5	18090.5	17302.2	16226.2	14874.9	13582.4	12262.2
5°	18006.4	18867.7	19331.1	19591.6	19331.1	18867.7	18006.4	16878.9	15542.6	14126.4	12710.6
2.5°	18476.8	19207.2	19676.5	19916.3	19676.5	19207.2	18476.8	17366.8	16049.2	14503.9	13008.4
0°	18726.7	19470.4	19814.6	19931.3	19814.6	19470.4	18726.7	17616.4	16263.7	14658.2	13199.2
-2.5°	18476.8	19207.2	19676.5	19916.3	19676.5	19207.2	18476.8	17366.8	16049.2	14503.9	13008.4
-5°	18006.4	18867.7	19331.1	19591.6	19331.1	18867.7	18006.4	16878.9	15542.6	14126.4	12710.6
-7.5°	17302.2	18090.5	18686.5	18897.3	18686.5	18090.5	17302.2	16226.2	14874.9	13582.4	12262.2
-10°	16233.3	17009.2	17587.8	17843.9	17587.8	17009.2	16233.3	15164.7	14029.5	12868.0	11648.1
-12.5°	14954.7	15655.2	16188.2	16365.5	16188.2	15655.2	14954.7	14054.0	13000.4	12019.4	10997.2
-15°	13612.8	14201.7	14601.6	14725.5	14601.6	14201.7	13612.8	12853.1	11995.3	11153.2	10268.0
-17.5°	12303.3	12760.1	13069.2	13113.9	13069.2	12760.1	12303.3	11657.1	10984.1	10280.6	9536.4
-20°	11081.9	11436.0	11675.7	11668.5	11675.7	11436.0	11081.9	10592.6	10030.0	9424.2	8807.2



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9987.2	10273.0	10460.7	10538.7	10460.7	10273.0	9987.2	9602.1	9134.9	8631.8	8097.2
-25°	8980.8	9211.5	9348.5	9431.4	9348.5	9211.5	8980.8	8658.9	8272.7	7860.5	7401.2
-27.5°	8047.5	8232.5	8339.3	8422.9	8339.3	8232.5	8047.5	7779.1	7447.2	7095.0	6684.8
-30°	7172.5	7337.4	7439.8	7442.8	7439.8	7337.4	7172.5	6942.4	6661.6	6327.2	5955.1
-32.5°	6287.6	6438.3	6525.5	6506.1	6525.5	6438.3	6287.6	6079.2	5823.3	5494.6	5077.8
-35°	5340.3	5472.5	5551.0	5609.8	5551.0	5472.5	5340.3	5141.0	4865.0	4498.3	4041.3
-37.5°	4285.4	4446.0	4532.6	4542.9	4532.6	4446.0	4285.4	4044.1	3713.6	3317.8	2855.2
-40°	2985.1	3159.6	3262.2	3297.9	3262.2	3159.6	2985.1	2736.5	2410.3	2029.6	1695.0
-42.5°	1661.4	1766.3	1811.6	1785.1	1811.6	1766.3	1661.4	1509.5	1320.2	1093.4	917.3
-45°	850.3	874.3	896.2	920.3	896.2	874.3	850.3	815.3	777.1	726.9	667.2
-47.5°	645.3	655.5	669.0	686.8	669.0	655.5	645.3	631.6	617.9	604.2	586.8
-50°	567.8	578.0	592.0	609.0	592.0	578.0	567.8	555.6	545.0	540.0	535.5
-52.5°	500.8	507.4	518.6	532.7	518.6	507.4	500.8	491.6	482.2	479.6	474.3
-55°	448.3	456.5	464.3	471.3	464.3	456.5	448.3	439.1	429.4	427.4	422.2
-57.5°	406.5	413.6	419.3	423.5	419.3	413.6	406.5	398.7	390.4	384.8	377.8
-60°	361.3	365.4	371.3	377.1	371.3	365.4	361.3	356.1	349.8	343.4	336.5
-62.5°	312.9	317.9	321.4	323.2	321.4	317.9	312.9	306.6	299.3	292.9	287.6
-65°	239.7	239.6	240.5	240.9	240.5	239.6	239.7	238.6	236.2	234.2	231.8
-67.5°	196.0	197.6	200.0	202.0	200.0	197.6	196.0	193.9	191.4	189.2	187.2
-70°	157.7	158.1	152.5	145.1	152.5	158.1	157.7	157.6	158.2	159.0	157.9
-72.5°	101.2	88.8	83.2	77.8	83.2	88.8	101.2	113.3	125.1	133.3	132.6
-75°	74.9	61.9	61.3	61.4	61.3	61.9	74.9	87.5	99.8	109.3	109.1
-77.5°	56.5	45.2	44.8	44.9	44.8	45.2	56.5	67.3	77.4	85.3	84.8
-80°	38.4	32.9	33.6	34.4	33.6	32.9	38.4	43.6	48.6	53.2	55.0
-82.5°	25.8	22.3	22.4	22.4	22.4	22.3	25.8	29.2	32.3	34.9	34.0
-85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.8	12.2
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
-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: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	11.6	10.9	10.4	11.5	12.4	13.1	13.5	12.0	10.5	9.2	8.0
82.5°	32.9	31.7	30.3	30.5	30.6	30.6	30.2	26.5	23.0	19.8	17.2
80°	56.4	57.1	57.1	56.0	54.7	53.3	50.8	44.2	38.1	32.8	29.2
77.5°	84.2	83.8	83.1	81.1	79.2	77.3	73.5	63.7	54.1	45.5	40.9
75°	108.5	107.6	106.0	103.2	100.1	96.8	91.2	81.4	71.1	60.5	54.8
72.5°	131.6	130.3	128.0	124.5	120.7	116.7	111.2	102.7	92.1	79.5	73.2
70°	156.3	154.3	151.4	147.0	142.4	137.6	133.3	127.2	118.6	107.7	101.5
67.5°	184.6	181.3	178.0	173.5	169.0	163.3	159.4	154.3	147.7	138.5	131.6
65°	226.9	219.3	214.7	214.1	209.8	201.4	192.2	186.3	180.0	171.3	161.7
62.5°	283.2	279.9	271.3	262.1	254.9	248.9	237.7	225.3	214.5	204.8	193.3
60°	328.8	321.1	314.0	305.5	295.6	286.1	276.8	264.6	249.5	237.3	224.8
57.5°	368.6	361.1	356.3	348.2	336.6	326.9	316.7	304.4	289.6	271.9	256.2
55°	413.3	407.6	402.6	394.9	384.4	371.2	358.1	345.0	328.4	307.1	287.7
52.5°	466.5	459.5	452.0	443.8	431.6	415.2	399.7	384.2	364.9	341.8	318.3
50°	528.5	514.3	501.8	491.0	475.0	456.8	438.3	420.8	398.0	374.2	349.7
47.5°	575.1	562.8	548.8	533.2	515.2	495.7	475.0	452.9	429.0	404.3	378.5
45°	644.8	618.6	591.0	573.7	553.5	532.3	510.3	485.1	459.1	432.7	405.6
42.5°	826.2	727.9	664.3	627.6	593.8	570.1	543.5	516.3	488.5	460.3	431.7
40°	1354.7	972.9	845.1	720.9	655.2	612.5	578.0	546.3	516.8	487.0	456.7
37.5°	2324.0	1782.9	1342.2	943.9	795.5	670.4	618.4	577.4	543.9	512.7	480.9
35°	3541.7	2917.9	2195.5	1607.0	1066.3	832.6	671.9	614.2	571.5	537.8	504.2
32.5°	4599.5	3991.9	3294.0	2484.4	1740.8	1123.7	829.6	663.4	601.9	562.5	526.8
30°	5499.1	4937.8	4271.4	3465.1	2574.5	1736.3	1060.4	789.3	647.3	586.0	548.5
27.5°	6233.1	5729.5	5105.6	4372.2	3463.9	2478.7	1609.0	945.9	715.6	621.2	568.9
25°	6907.2	6376.1	5790.8	5106.3	4279.6	3285.9	2209.3	1358.5	849.7	659.0	588.0
22.5°	7547.4	6983.4	6382.0	5718.8	4953.6	4003.9	2930.2	1817.5	985.0	727.2	617.6
20°	8166.3	7544.7	6918.0	6229.0	5464.8	4636.7	3582.9	2367.6	1371.4	831.0	645.7
17.5°	8800.3	8088.8	7379.2	6677.8	5903.2	5071.8	4091.5	2920.8	1707.3	924.4	670.1
15°	9400.9	8606.0	7823.1	7051.9	6277.4	5434.8	4516.2	3413.5	2040.7	1113.3	739.1
12.5°	10008.9	9083.7	8233.7	7369.1	6592.0	5737.7	4817.3	3749.7	2431.8	1344.7	807.7
10°	10559.6	9521.9	8579.4	7664.4	6826.5	5979.4	5059.3	4020.0	2753.5	1534.9	864.0
7.5°	11031.6	9902.9	8867.1	7905.2	7014.9	6181.1	5267.0	4235.6	2995.7	1681.8	908.0
5°	11395.6	10181.3	9088.2	8102.6	7161.3	6318.5	5418.9	4392.6	3159.0	1785.0	939.5
2.5°	11614.6	10350.0	9217.9	8225.1	7252.3	6396.9	5499.4	4493.1	3262.9	1851.6	962.9
0°	11708.9	10401.1	9313.2	8307.7	7287.2	6429.8	5497.6	4530.9	3300.9	1876.4	974.1
-2.5°	11614.6	10350.0	9217.9	8225.1	7252.3	6396.9	5499.4	4493.1	3262.9	1851.6	962.9
-5°	11395.6	10181.3	9088.2	8102.6	7161.3	6318.5	5418.9	4392.6	3159.0	1785.0	939.5
-7.5°	11031.6	9902.9	8867.1	7905.2	7014.9	6181.1	5267.0	4235.6	2995.7	1681.8	908.0
-10°	10559.6	9521.9	8579.4	7664.4	6826.5	5979.4	5059.3	4020.0	2753.5	1534.9	864.0
-12.5°	10008.9	9083.7	8233.7	7369.1	6592.0	5737.7	4817.3	3749.7	2431.8	1344.7	807.7
-15°	9400.9	8606.0	7823.1	7051.9	6277.4	5434.8	4516.2	3413.5	2040.7	1113.3	739.1
-17.5°	8800.3	8088.8	7379.2	6677.8	5903.2	5071.8	4091.5	2920.8	1707.3	924.4	670.1
-20°	8166.3	7544.7	6918.0	6229.0	5464.8	4636.7	3582.9	2367.6	1371.4	831.0	645.7



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7547.4	6983.4	6382.0	5718.8	4953.6	4003.9	2930.2	1817.5	985.0	727.2	617.6
-25°	6907.2	6376.1	5790.8	5106.3	4279.6	3285.9	2209.3	1358.5	849.7	659.0	588.0
-27.5°	6233.1	5729.5	5105.6	4372.2	3463.9	2478.7	1609.0	945.9	715.6	621.2	568.9
-30°	5499.1	4937.8	4271.4	3465.1	2574.5	1736.3	1060.4	789.3	647.3	586.0	548.5
-32.5°	4599.5	3991.9	3294.0	2484.4	1740.8	1123.7	829.6	663.4	601.9	562.5	526.8
-35°	3541.7	2917.9	2195.5	1607.0	1066.3	832.6	671.9	614.2	571.5	537.8	504.2
-37.5°	2324.0	1782.9	1342.2	943.9	795.5	670.4	618.4	577.4	543.9	512.7	480.9
-40°	1354.7	972.9	845.1	720.9	655.2	612.5	578.0	546.3	516.8	487.0	456.7
-42.5°	826.2	727.9	664.3	627.6	593.8	570.1	543.5	516.3	488.5	460.3	431.7
-45°	644.8	618.6	591.0	573.7	553.5	532.3	510.3	485.1	459.1	432.7	405.6
-47.5°	575.1	562.8	548.8	533.2	515.2	495.7	475.0	452.9	429.0	404.3	378.5
-50°	528.5	514.3	501.8	491.0	475.0	456.8	438.3	420.8	398.0	374.2	349.7
-52.5°	466.5	459.5	452.0	443.8	431.6	415.2	399.7	384.2	364.9	341.8	318.3
-55°	413.3	407.6	402.6	394.9	384.4	371.2	358.1	345.0	328.4	307.1	287.7
-57.5°	368.6	361.1	356.3	348.2	336.6	326.9	316.7	304.4	289.6	271.9	256.2
-60°	328.8	321.1	314.0	305.5	295.6	286.1	276.8	264.6	249.5	237.3	224.8
-62.5°	283.2	279.9	271.3	262.1	254.9	248.9	237.7	225.3	214.5	204.8	193.3
-65°	226.9	219.3	214.7	214.1	209.8	201.4	192.2	186.3	180.0	171.3	161.7
-67.5°	184.6	181.3	178.0	173.5	169.0	163.3	159.4	154.3	147.7	138.5	131.6
-70°	156.3	154.3	151.4	147.0	142.4	137.6	133.3	127.2	118.6	107.7	101.5
-72.5°	131.6	130.3	128.0	124.5	120.7	116.7	111.2	102.7	92.1	79.5	73.2
-75°	108.5	107.6	106.0	103.2	100.1	96.8	91.2	81.4	71.1	60.5	54.8
-77.5°	84.2	83.8	83.1	81.1	79.2	77.3	73.5	63.7	54.1	45.5	40.9
-80°	56.4	57.1	57.1	56.0	54.7	53.3	50.8	44.2	38.1	32.8	29.2
-82.5°	32.9	31.7	30.3	30.5	30.6	30.6	30.2	26.5	23.0	19.8	17.2
-85°	11.6	10.9	10.4	11.5	12.4	13.1	13.5	12.0	10.5	9.2	8.0
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	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





REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	3.0
85°	8.5	8.8	8.9	8.6	8.1	7.5	7.6	7.6	7.2	6.7	6.1
82.5°	17.9	18.5	19.0	18.9	17.7	16.5	15.2	13.8	12.3	10.3	9.1
80°	30.9	31.9	32.1	31.3	28.3	25.4	23.4	21.5	19.9	17.7	14.8
77.5°	44.0	45.9	46.8	45.8	41.6	37.5	33.5	29.8	27.6	25.2	21.9
75°	57.5	60.5	62.3	61.2	56.1	49.6	44.5	40.1	37.0	32.9	29.0
72.5°	74.6	76.1	77.7	77.4	72.9	66.5	58.1	50.6	47.1	42.4	36.6
70°	97.5	93.3	92.3	91.6	88.9	83.9	75.5	65.6	57.3	52.0	45.5
67.5°	125.5	119.7	113.6	107.2	103.9	99.4	92.7	81.1	70.2	61.7	54.4
65°	153.2	145.4	138.0	128.6	120.8	114.9	108.0	95.6	82.6	71.8	63.3
62.5°	181.5	170.0	160.0	149.1	138.9	130.5	123.2	109.1	94.5	81.5	71.4
60°	211.2	197.3	182.1	169.0	156.6	145.4	135.6	122.4	106.6	90.6	78.7
57.5°	241.2	224.9	206.5	189.2	174.4	160.8	147.4	134.0	118.5	100.9	85.3
55°	270.8	253.0	230.8	210.3	192.3	176.6	159.8	144.7	129.7	111.3	90.0
52.5°	297.3	278.6	256.5	231.8	210.3	191.8	173.3	155.1	139.2	121.5	96.5
50°	324.3	301.1	280.0	255.5	228.2	206.8	186.3	166.8	148.5	130.9	102.5
47.5°	352.4	325.3	300.6	277.6	249.8	221.4	199.4	178.1	157.5	139.0	107.8
45°	378.2	350.3	321.9	296.3	269.8	238.3	212.3	189.0	167.3	143.1	112.3
42.5°	402.7	373.5	343.8	314.4	286.7	254.9	224.7	200.2	176.6	146.3	115.5
40°	426.2	395.4	364.5	333.7	303.5	270.1	238.3	211.0	185.0	149.1	117.6
37.5°	448.5	416.3	383.9	352.3	320.6	285.8	250.8	221.3	189.0	152.1	119.1
35°	470.2	436.0	403.2	370.0	336.8	301.7	262.0	231.2	195.1	154.7	120.0
32.5°	490.8	455.3	421.4	387.1	352.1	317.6	274.6	240.3	202.4	156.8	120.2
30°	510.8	474.2	438.6	403.5	366.6	331.0	288.7	249.2	211.0	158.4	120.2
27.5°	530.0	491.6	454.6	418.5	380.8	343.3	302.5	257.9	220.6	161.5	121.0
25°	547.5	507.8	469.5	432.2	394.0	355.1	315.2	266.5	228.7	168.0	121.3
22.5°	563.8	522.6	483.0	444.7	406.9	366.5	326.0	277.0	235.3	174.7	121.1
20°	578.6	535.7	495.6	458.0	418.7	377.4	335.1	286.5	241.5	181.6	120.5
17.5°	593.5	549.4	510.1	470.5	429.5	387.2	343.7	295.1	247.2	188.4	119.4
15°	616.8	564.2	523.3	482.3	439.6	396.0	351.5	302.5	252.4	195.0	119.0
12.5°	637.8	577.4	535.1	493.3	448.8	403.8	358.6	309.0	257.1	199.5	119.5
10°	655.5	589.0	545.5	503.2	457.0	410.4	364.7	314.5	260.9	201.3	119.2
7.5°	670.0	598.9	554.6	512.0	464.6	416.8	370.5	319.1	264.7	201.5	118.2
5°	682.4	609.8	565.9	521.6	473.6	423.1	375.3	322.6	268.0	200.1	116.7
2.5°	696.7	622.9	578.4	530.1	481.4	428.3	379.0	324.9	270.7	197.3	114.6
0°	707.8	634.4	589.6	537.2	487.8	432.4	381.6	326.2	272.3	193.0	112.2
-2.5°	696.7	622.9	578.4	530.1	481.4	428.3	379.0	324.9	270.7	197.3	114.6
-5°	682.4	609.8	565.9	521.6	473.6	423.1	375.3	322.6	268.0	200.1	116.7
-7.5°	670.0	598.9	554.6	512.0	464.6	416.8	370.5	319.1	264.7	201.5	118.2
-10°	655.5	589.0	545.5	503.2	457.0	410.4	364.7	314.5	260.9	201.3	119.2
-12.5°	637.8	577.4	535.1	493.3	448.8	403.8	358.6	309.0	257.1	199.5	119.5
-15°	616.8	564.2	523.3	482.3	439.6	396.0	351.5	302.5	252.4	195.0	119.0
-17.5°	593.5	549.4	510.1	470.5	429.5	387.2	343.7	295.1	247.2	188.4	119.4
-20°	578.6	535.7	495.6	458.0	418.7	377.4	335.1	286.5	241.5	181.6	120.5



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	563.8	522.6	483.0	444.7	406.9	366.5	326.0	277.0	235.3	174.7	121.1
-25°	547.5	507.8	469.5	432.2	394.0	355.1	315.2	266.5	228.7	168.0	121.3
-27.5°	530.0	491.6	454.6	418.5	380.8	343.3	302.5	257.9	220.6	161.5	121.0
-30°	510.8	474.2	438.6	403.5	366.6	331.0	288.7	249.2	211.0	158.4	120.2
-32.5°	490.8	455.3	421.4	387.1	352.1	317.6	274.6	240.3	202.4	156.8	120.2
-35°	470.2	436.0	403.2	370.0	336.8	301.7	262.0	231.2	195.1	154.7	120.0
-37.5°	448.5	416.3	383.9	352.3	320.6	285.8	250.8	221.3	189.0	152.1	119.1
-40°	426.2	395.4	364.5	333.7	303.5	270.1	238.3	211.0	185.0	149.1	117.6
-42.5°	402.7	373.5	343.8	314.4	286.7	254.9	224.7	200.2	176.6	146.3	115.5
-45°	378.2	350.3	321.9	296.3	269.8	238.3	212.3	189.0	167.3	143.1	112.3
-47.5°	352.4	325.3	300.6	277.6	249.8	221.4	199.4	178.1	157.5	139.0	107.8
-50°	324.3	301.1	280.0	255.5	228.2	206.8	186.3	166.8	148.5	130.9	102.5
-52.5°	297.3	278.6	256.5	231.8	210.3	191.8	173.3	155.1	139.2	121.5	96.5
-55°	270.8	253.0	230.8	210.3	192.3	176.6	159.8	144.7	129.7	111.3	90.0
-57.5°	241.2	224.9	206.5	189.2	174.4	160.8	147.4	134.0	118.5	100.9	85.3
-60°	211.2	197.3	182.1	169.0	156.6	145.4	135.6	122.4	106.6	90.6	78.7
-62.5°	181.5	170.0	160.0	149.1	138.9	130.5	123.2	109.1	94.5	81.5	71.4
-65°	153.2	145.4	138.0	128.6	120.8	114.9	108.0	95.6	82.6	71.8	63.3
-67.5°	125.5	119.7	113.6	107.2	103.9	99.4	92.7	81.1	70.2	61.7	54.4
-70°	97.5	93.3	92.3	91.6	88.9	83.9	75.5	65.6	57.3	52.0	45.5
-72.5°	74.6	76.1	77.7	77.4	72.9	66.5	58.1	50.6	47.1	42.4	36.6
-75°	57.5	60.5	62.3	61.2	56.1	49.6	44.5	40.1	37.0	32.9	29.0
-77.5°	44.0	45.9	46.8	45.8	41.6	37.5	33.5	29.8	27.6	25.2	21.9
-80°	30.9	31.9	32.1	31.3	28.3	25.4	23.4	21.5	19.9	17.7	14.8
-82.5°	17.9	18.5	19.0	18.9	17.7	16.5	15.2	13.8	12.3	10.3	9.1
-85°	8.5	8.8	8.9	8.6	8.1	7.5	7.6	7.6	7.2	6.7	6.1
-87.5°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	3.0
-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: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-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°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
77.5°	17.6	11.4	7.7	5.3	3.2	1.6	0.0
75°	23.8	16.2	9.5	6.3	3.9	1.9	0.0
72.5°	29.9	21.0	13.1	7.3	4.5	2.3	0.0
70°	35.9	25.6	16.5	8.6	5.1	2.6	0.0
67.5°	43.0	30.0	19.8	10.9	5.7	2.9	0.0
65°	49.8	34.8	23.0	13.1	6.3	3.2	0.0
62.5°	56.3	39.9	26.1	15.3	6.9	3.5	0.0
60°	62.5	44.7	29.1	17.4	7.5	3.7	0.0
57.5°	66.7	49.3	32.5	19.4	8.8	4.0	0.0
55°	70.3	53.6	35.8	21.3	10.1	4.3	0.0
52.5°	73.3	57.2	38.8	23.1	11.3	4.6	0.0
50°	75.9	59.1	41.6	24.8	12.5	4.8	0.0
47.5°	78.2	60.6	44.3	26.5	13.6	5.1	0.0
45°	82.0	61.7	46.7	28.3	14.7	5.3	0.0
42.5°	85.2	62.4	48.8	29.9	15.7	5.5	0.0
40°	87.8	62.8	50.0	31.6	16.7	5.7	0.0
37.5°	89.8	62.7	50.1	33.4	17.6	5.9	0.0
35°	91.3	63.5	50.1	35.1	18.5	6.1	0.0
32.5°	92.0	64.5	49.8	36.8	19.3	6.3	0.0
30°	91.9	65.1	49.3	38.4	20.0	6.5	0.0
27.5°	91.4	65.3	49.8	40.0	20.7	6.7	0.0
25°	90.4	65.1	50.4	41.5	21.3	6.8	0.0
22.5°	88.9	65.2	50.9	42.9	21.9	6.9	0.0
20°	87.1	66.9	51.3	44.2	22.4	7.0	0.0
17.5°	87.2	68.4	51.6	45.5	22.8	7.2	0.0
15°	88.5	69.7	51.9	46.6	23.1	7.2	0.0
12.5°	89.5	70.8	52.1	47.6	23.4	7.3	0.0
10°	90.3	71.7	52.2	48.6	23.7	7.4	0.0
7.5°	90.9	72.4	52.3	49.3	23.8	7.4	0.0
5°	91.3	72.9	52.4	50.0	23.9	7.5	0.0
2.5°	91.4	73.2	52.4	50.5	23.9	7.5	0.0
0°	91.3	73.3	52.4	50.9	23.9	7.5	0.0
-2.5°	91.4	73.2	52.4	50.5	23.9	7.5	0.0
-5°	91.3	72.9	52.4	50.0	23.9	7.5	0.0
-7.5°	90.9	72.4	52.3	49.3	23.8	7.4	0.0
-10°	90.3	71.7	52.2	48.6	23.7	7.4	0.0
-12.5°	89.5	70.8	52.1	47.6	23.4	7.3	0.0
-15°	88.5	69.7	51.9	46.6	23.1	7.2	0.0
-17.5°	87.2	68.4	51.6	45.5	22.8	7.2	0.0
-20°	87.1	66.9	51.3	44.2	22.4	7.0	0.0



REPORT NUMBER: P559005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.9	65.2	50.9	42.9	21.9	6.9	0.0
-25°	90.4	65.1	50.4	41.5	21.3	6.8	0.0
-27.5°	91.4	65.3	49.8	40.0	20.7	6.7	0.0
-30°	91.9	65.1	49.3	38.4	20.0	6.5	0.0
-32.5°	92.0	64.5	49.8	36.8	19.3	6.3	0.0
-35°	91.3	63.5	50.1	35.1	18.5	6.1	0.0
-37.5°	89.8	62.7	50.1	33.4	17.6	5.9	0.0
-40°	87.8	62.8	50.0	31.6	16.7	5.7	0.0
-42.5°	85.2	62.4	48.8	29.9	15.7	5.5	0.0
-45°	82.0	61.7	46.7	28.3	14.7	5.3	0.0
-47.5°	78.2	60.6	44.3	26.5	13.6	5.1	0.0
-50°	75.9	59.1	41.6	24.8	12.5	4.8	0.0
-52.5°	73.3	57.2	38.8	23.1	11.3	4.6	0.0
-55°	70.3	53.6	35.8	21.3	10.1	4.3	0.0
-57.5°	66.7	49.3	32.5	19.4	8.8	4.0	0.0
-60°	62.5	44.7	29.1	17.4	7.5	3.7	0.0
-62.5°	56.3	39.9	26.1	15.3	6.9	3.5	0.0
-65°	49.8	34.8	23.0	13.1	6.3	3.2	0.0
-67.5°	43.0	30.0	19.8	10.9	5.7	2.9	0.0
-70°	35.9	25.6	16.5	8.6	5.1	2.6	0.0
-72.5°	29.9	21.0	13.1	7.3	4.5	2.3	0.0
-75°	23.8	16.2	9.5	6.3	3.9	1.9	0.0
-77.5°	17.6	11.4	7.7	5.3	3.2	1.6	0.0
-80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
-82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
-85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
-87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)