

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: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558757 (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-SA3B-930-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

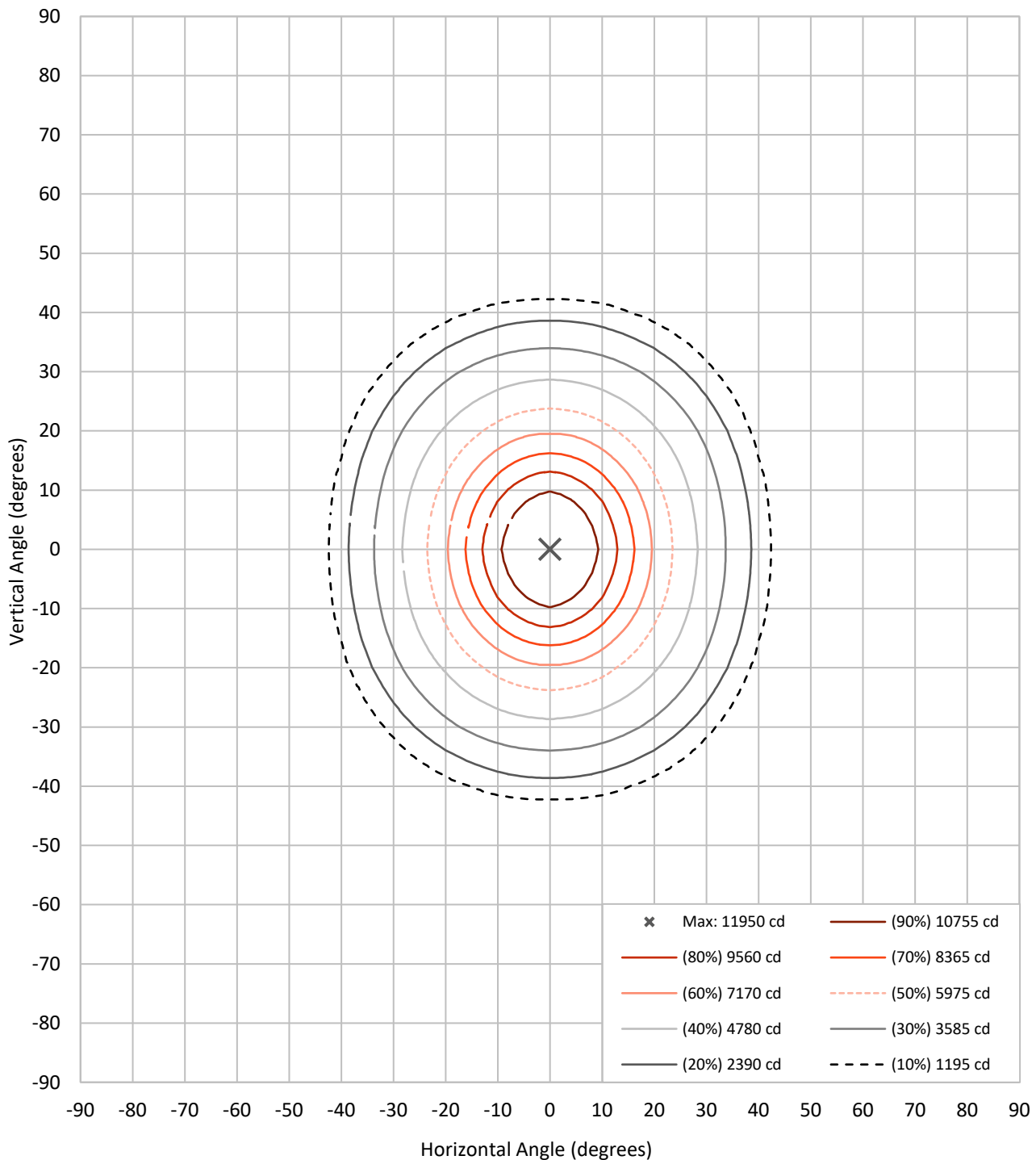
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9302.5 lumens	Max Intensity:	11950 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	4389.5 lumens	Field Lumens:	8446.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 91  
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





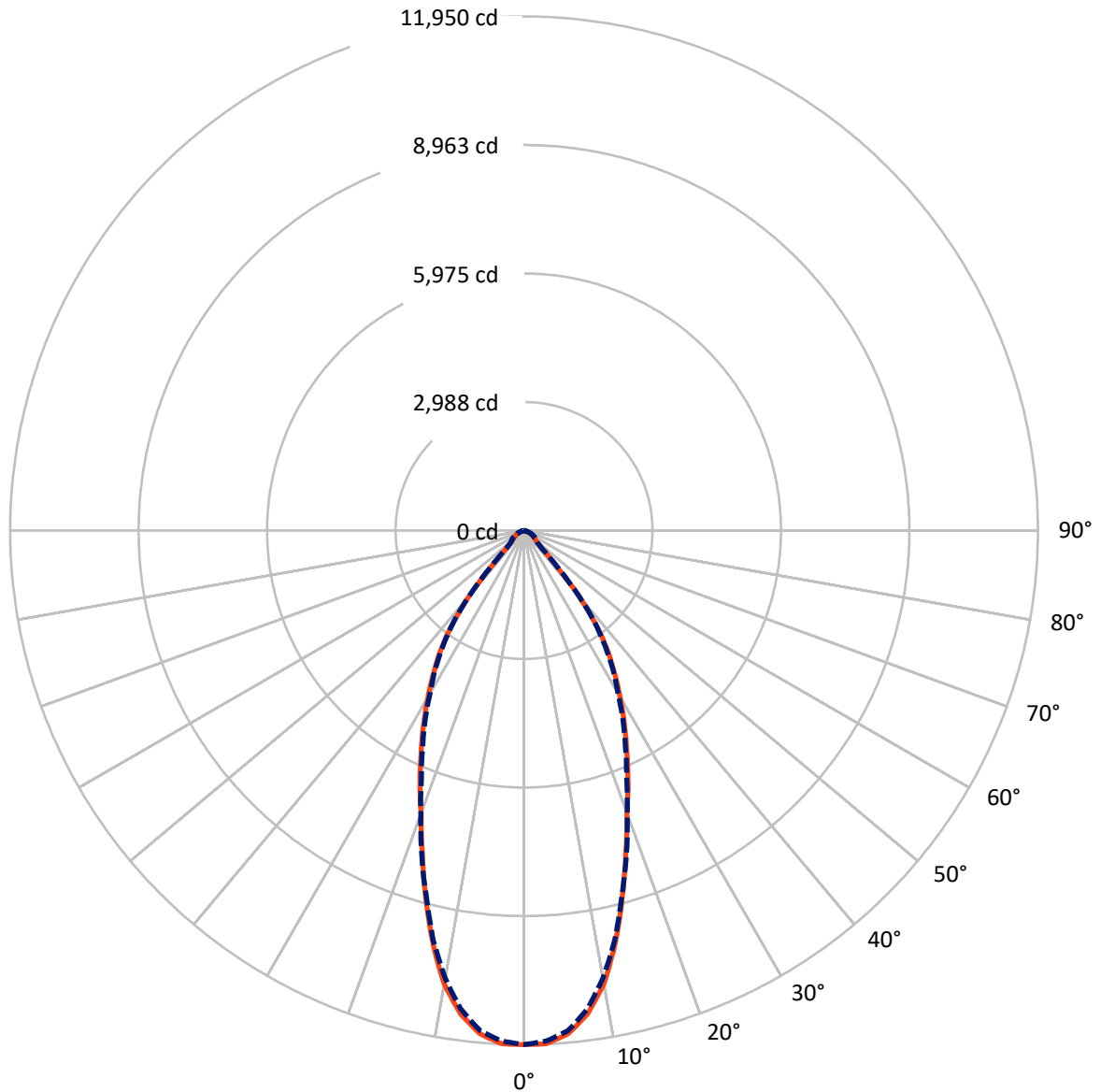
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### Lumen Table

90																
80	0.2	1.1		2.6		4.2		3.3		4.2		2.6		1.1		0.2
70																
60	0.6	0.7	1.4	2.1	3.0	3.7	4.3	4.6	4.6	4.3	3.7	3.0	2.1	1.4	0.7	0.6
50		1.1	2.2	3.7	5.3	6.7	7.6	8.4	8.4	7.6	6.7	5.3	3.7	2.2	1.1	
40	1.0	1.5	3.1	5.2	7.6	10.4	16.5	23.1	23.1	16.5	10.4	7.6	5.2	3.1	1.5	1.0
30		1.8	3.9	6.5	12.3	39.2	76.3	97.3	97.3	76.3	39.2	12.3	6.5	3.9	1.8	
20	1.1	2.1	4.5	8.2	35.8	93.7	138.2	167.3	167.3	138.2	93.7	35.8	8.2	4.5	2.1	1.1
10		2.4	5.1	12.5	65.2	129.3	196.4	255.6	255.6	196.4	129.3	65.2	12.5	5.1	2.4	
0	1.1	2.5	5.5	17.3	79.4	150.8	247.0	334.1	334.1	247.0	150.8	79.4	17.3	5.5	2.5	1.1
-10		2.5	5.5	17.3	79.4	150.8	247.0	334.1	334.1	247.0	150.8	79.4	17.3	5.5	2.5	
-20	1.1	2.4	5.1	12.5	65.2	129.3	196.4	255.6	255.6	196.4	129.3	65.2	12.5	5.1	2.4	1.1
-30		2.1	4.5	8.2	35.8	93.7	138.2	167.3	167.3	138.2	93.7	35.8	8.2	4.5	2.1	
-40	1.0	1.8	3.9	6.5	12.3	39.2	76.3	97.3	97.3	76.3	39.2	12.3	6.5	3.9	1.8	1.0
-50		1.5	3.1	5.2	7.6	10.4	16.5	23.1	23.1	16.5	10.4	7.6	5.2	3.1	1.5	
-60	0.6	1.1	2.2	3.7	5.3	6.7	7.6	8.4	8.4	7.6	6.7	5.3	3.7	2.2	1.1	0.6
-70		0.7	1.4	2.1	3.0	3.7	4.3	4.6	4.6	4.3	3.7	3.0	2.1	1.4	0.7	
-80																
-90	0.2	1.1		2.6		4.2		3.3		4.2		2.6		1.1		0.2

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CATALOG NUMBER: GFLD-SA3B-930-U-MWR-XX

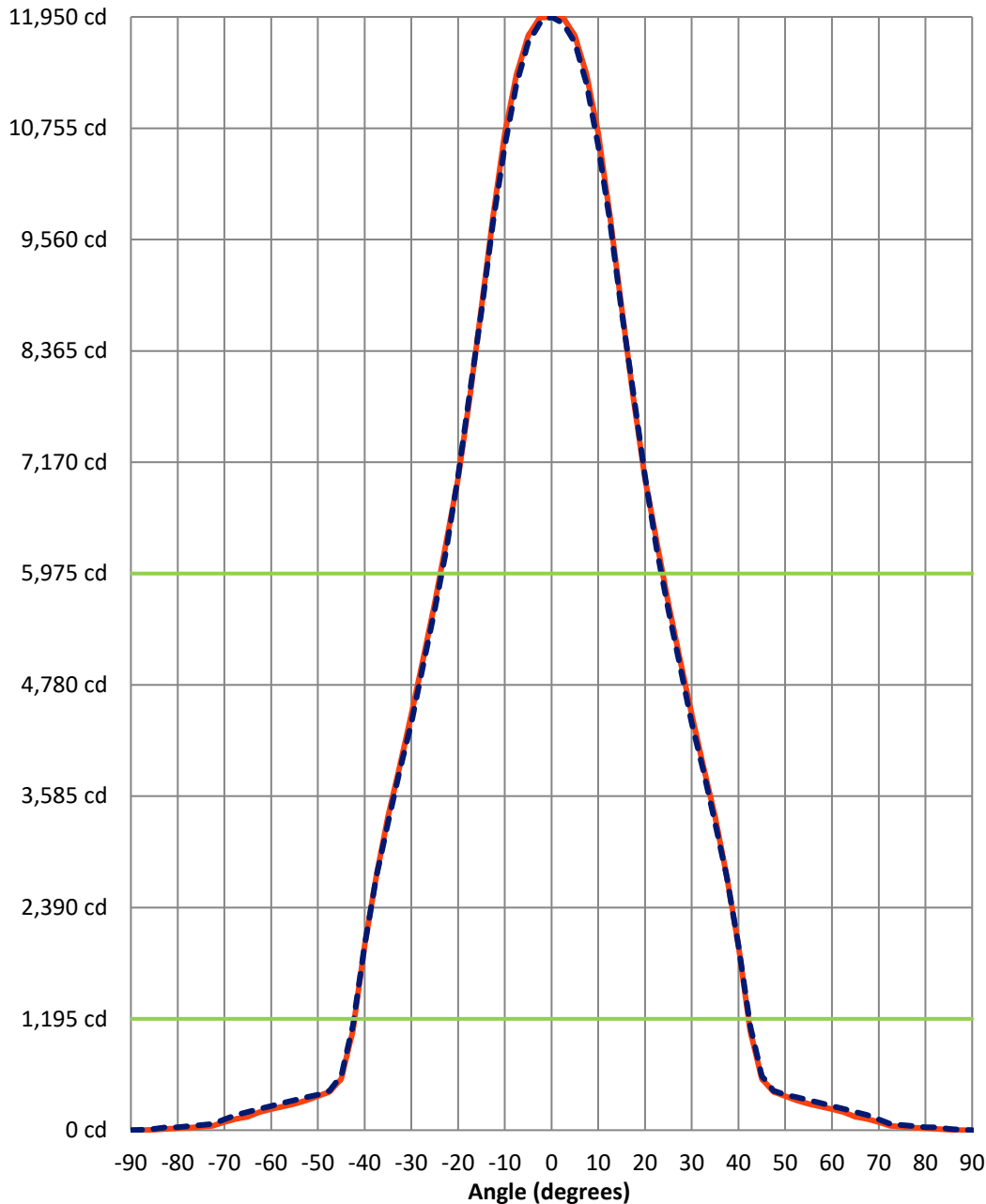
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 4389.5  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 8446.6  
Efficiency: 90.8%

**Spill:**  
Lumens: 855.9  
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	0.2	0.4	0.6	0.9	1.3	1.6	1.8	2.0	2.2	2.3
85°	0.0	0.4	0.8	1.3	1.9	2.5	3.3	3.7	4.0	4.3	4.6
82.5°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.2	7.4	8.3
80°	0.0	0.8	1.6	2.6	3.7	5.0	6.7	8.9	10.6	11.9	12.8
77.5°	0.0	1.0	1.9	3.2	4.6	6.8	10.5	13.1	15.1	16.5	17.8
75°	0.0	1.2	2.3	3.8	5.7	9.7	14.2	17.4	19.7	22.2	24.1
72.5°	0.0	1.4	2.7	4.4	7.8	12.6	17.9	21.9	25.4	28.2	30.3
70°	0.0	1.5	3.1	5.1	9.9	15.3	21.5	27.3	31.2	34.4	39.3
67.5°	0.0	1.7	3.4	6.5	11.9	18.0	25.8	32.6	37.0	42.1	48.6
65°	0.0	1.9	3.8	7.9	13.8	20.9	29.9	38.0	43.1	49.5	57.3
62.5°	0.0	2.1	4.2	9.2	15.7	23.9	33.8	42.8	48.8	56.6	65.4
60°	0.0	2.2	4.5	10.5	17.5	26.8	37.5	47.2	54.3	63.9	73.4
57.5°	0.0	2.4	5.3	11.7	19.5	29.6	40.0	51.1	60.5	71.0	80.4
55°	0.0	2.6	6.1	12.8	21.5	32.1	42.1	53.9	66.7	77.8	86.8
52.5°	0.0	2.7	6.8	13.9	23.3	34.3	44.0	57.8	72.9	83.5	93.0
50°	0.0	2.9	7.5	14.9	25.0	35.4	45.5	61.5	78.5	89.0	100.0
47.5°	0.0	3.0	8.2	15.9	26.5	36.3	46.9	64.7	83.4	94.4	106.8
45°	0.0	3.2	8.9	17.0	28.0	37.0	49.1	67.4	85.8	100.3	113.3
42.5°	0.0	3.3	9.5	18.0	29.3	37.4	51.1	69.3	87.7	105.9	120.0
40°	0.0	3.4	10.1	19.0	30.0	37.6	52.7	70.6	89.4	110.9	126.5
37.5°	0.0	3.6	10.6	20.1	30.0	37.6	53.9	71.4	91.2	113.3	132.7
35°	0.0	3.7	11.1	21.1	30.0	38.1	54.7	71.9	92.7	117.0	138.7
32.5°	0.0	3.8	11.6	22.1	29.8	38.7	55.2	72.0	94.0	121.4	144.1
30°	0.0	3.9	12.1	23.1	29.5	39.0	55.1	72.0	95.0	126.5	149.4
27.5°	0.0	4.0	12.5	24.0	29.8	39.2	54.8	72.5	96.8	132.3	154.6
25°	0.0	4.1	12.9	24.9	30.2	39.0	54.2	72.7	100.7	137.1	159.8
22.5°	0.0	4.2	13.2	25.7	30.5	39.1	53.3	72.6	104.8	141.1	166.1
20°	0.0	4.2	13.5	26.5	30.7	40.1	52.2	72.3	108.9	144.8	171.8
17.5°	0.0	4.3	13.7	27.3	30.9	41.0	52.3	71.6	113.0	148.2	176.9
15°	0.0	4.3	13.9	27.9	31.1	41.8	53.0	71.4	116.9	151.4	181.4
12.5°	0.0	4.4	14.1	28.6	31.2	42.5	53.7	71.7	119.6	154.2	185.3
10°	0.0	4.4	14.3	29.1	31.3	43.0	54.1	71.5	120.7	156.5	188.6
7.5°	0.0	4.5	14.3	29.6	31.3	43.5	54.5	70.9	120.8	158.7	191.3
5°	0.0	4.5	14.4	30.0	31.4	43.8	54.7	70.0	120.0	160.7	193.4
2.5°	0.0	4.5	14.4	30.3	31.4	43.9	54.8	68.8	118.3	162.3	194.8
0°	0.0	4.5	14.4	30.5	31.4	44.0	54.7	67.3	115.7	163.3	195.6
-2.5°	0.0	4.5	14.4	30.3	31.4	43.9	54.8	68.8	118.3	162.3	194.8
-5°	0.0	4.5	14.4	30.0	31.4	43.8	54.7	70.0	120.0	160.7	193.4
-7.5°	0.0	4.5	14.3	29.6	31.3	43.5	54.5	70.9	120.8	158.7	191.3
-10°	0.0	4.4	14.3	29.1	31.3	43.0	54.1	71.5	120.7	156.5	188.6
-12.5°	0.0	4.4	14.1	28.6	31.2	42.5	53.7	71.7	119.6	154.2	185.3
-15°	0.0	4.3	13.9	27.9	31.1	41.8	53.0	71.4	116.9	151.4	181.4
-17.5°	0.0	4.3	13.7	27.3	30.9	41.0	52.3	71.6	113.0	148.2	176.9
-20°	0.0	4.2	13.5	26.5	30.7	40.1	52.2	72.3	108.9	144.8	171.8



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 CATALOG NUMBER: GFLD-SA3B-930-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	4.2	13.2	25.7	30.5	39.1	53.3	72.6	104.8	141.1	166.1
-25°	0.0	4.1	12.9	24.9	30.2	39.0	54.2	72.7	100.7	137.1	159.8
-27.5°	0.0	4.0	12.5	24.0	29.8	39.2	54.8	72.5	96.8	132.3	154.6
-30°	0.0	3.9	12.1	23.1	29.5	39.0	55.1	72.0	95.0	126.5	149.4
-32.5°	0.0	3.8	11.6	22.1	29.8	38.7	55.2	72.0	94.0	121.4	144.1
-35°	0.0	3.7	11.1	21.1	30.0	38.1	54.7	71.9	92.7	117.0	138.7
-37.5°	0.0	3.6	10.6	20.1	30.0	37.6	53.9	71.4	91.2	113.3	132.7
-40°	0.0	3.4	10.1	19.0	30.0	37.6	52.7	70.6	89.4	110.9	126.5
-42.5°	0.0	3.3	9.5	18.0	29.3	37.4	51.1	69.3	87.7	105.9	120.0
-45°	0.0	3.2	8.9	17.0	28.0	37.0	49.1	67.4	85.8	100.3	113.3
-47.5°	0.0	3.0	8.2	15.9	26.5	36.3	46.9	64.7	83.4	94.4	106.8
-50°	0.0	2.9	7.5	14.9	25.0	35.4	45.5	61.5	78.5	89.0	100.0
-52.5°	0.0	2.7	6.8	13.9	23.3	34.3	44.0	57.8	72.9	83.5	93.0
-55°	0.0	2.6	6.1	12.8	21.5	32.1	42.1	53.9	66.7	77.8	86.8
-57.5°	0.0	2.4	5.3	11.7	19.5	29.6	40.0	51.1	60.5	71.0	80.4
-60°	0.0	2.2	4.5	10.5	17.5	26.8	37.5	47.2	54.3	63.9	73.4
-62.5°	0.0	2.1	4.2	9.2	15.7	23.9	33.8	42.8	48.8	56.6	65.4
-65°	0.0	1.9	3.8	7.9	13.8	20.9	29.9	38.0	43.1	49.5	57.3
-67.5°	0.0	1.7	3.4	6.5	11.9	18.0	25.8	32.6	37.0	42.1	48.6
-70°	0.0	1.5	3.1	5.1	9.9	15.3	21.5	27.3	31.2	34.4	39.3
-72.5°	0.0	1.4	2.7	4.4	7.8	12.6	17.9	21.9	25.4	28.2	30.3
-75°	0.0	1.2	2.3	3.8	5.7	9.7	14.2	17.4	19.7	22.2	24.1
-77.5°	0.0	1.0	1.9	3.2	4.6	6.8	10.5	13.1	15.1	16.5	17.8
-80°	0.0	0.8	1.6	2.6	3.7	5.0	6.7	8.9	10.6	11.9	12.8
-82.5°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.2	7.4	8.3
-85°	0.0	0.4	0.8	1.3	1.9	2.5	3.3	3.7	4.0	4.3	4.6
-87.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.6	1.8	2.0	2.2	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





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 CATALOG NUMBER: GFLD-SA3B-930-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°	2.3	2.3	2.2	2.1	1.9	1.7	1.5	1.3	1.3	1.4	1.4
85°	4.6	4.5	4.9	5.2	5.3	5.3	5.1	4.8	5.5	6.3	7.2
82.5°	9.1	9.9	10.6	11.4	11.4	11.2	10.7	10.3	11.9	13.8	15.9
80°	14.0	15.2	17.0	18.8	19.3	19.1	18.5	17.5	19.7	22.8	26.5
77.5°	20.1	22.5	25.0	27.4	28.0	27.5	26.3	24.5	27.3	32.4	38.2
75°	26.6	29.7	33.6	36.7	37.4	36.3	34.5	32.9	36.3	42.7	48.8
72.5°	34.8	39.9	43.7	46.5	46.6	45.7	44.8	43.9	47.7	55.3	61.6
70°	45.2	50.3	53.3	54.9	55.3	55.9	58.5	60.9	64.6	71.1	76.3
67.5°	55.5	59.6	62.3	64.2	68.1	71.7	75.3	78.9	83.1	88.6	92.5
65°	64.8	68.9	72.4	77.1	82.7	87.1	91.9	97.0	102.7	107.9	111.7
62.5°	73.9	78.3	83.2	89.4	95.9	101.9	108.9	115.9	122.8	128.6	135.1
60°	81.3	87.2	93.9	101.3	109.2	118.3	126.6	134.8	142.2	149.6	158.6
57.5°	88.4	96.4	104.6	113.5	123.8	134.9	144.6	153.6	163.0	173.6	182.5
55°	95.8	105.9	115.3	126.1	138.4	151.7	162.4	172.5	184.1	196.9	206.8
52.5°	103.9	115.0	126.1	139.0	153.8	167.0	178.2	190.8	204.9	218.8	230.3
50°	111.7	124.0	136.8	153.2	167.9	180.5	194.4	209.7	224.3	238.6	252.2
47.5°	119.6	132.7	149.8	166.5	180.3	195.1	211.3	226.9	242.4	257.2	271.5
45°	127.3	142.9	161.8	177.7	193.0	210.0	226.7	243.1	259.4	275.2	290.8
42.5°	134.8	152.8	171.9	188.5	206.1	223.9	241.4	258.8	275.9	292.9	309.5
40°	142.9	161.9	182.0	200.1	218.5	237.0	255.5	273.8	292.0	309.9	327.6
37.5°	150.4	171.4	192.2	211.2	230.1	249.5	268.9	288.4	307.5	326.1	346.2
35°	157.1	180.9	201.9	221.8	241.7	261.4	281.9	302.4	322.4	342.7	368.3
32.5°	164.6	190.5	211.1	232.1	252.7	272.9	294.3	315.9	337.3	360.9	397.8
30°	173.1	198.5	219.8	241.9	262.9	284.3	306.3	328.9	351.3	388.1	473.2
27.5°	181.4	205.8	228.3	250.9	272.5	294.7	317.8	341.1	372.5	429.1	567.2
25°	189.0	212.9	236.2	259.1	281.5	304.5	328.3	352.6	395.1	509.5	814.5
22.5°	195.5	219.7	244.0	266.6	289.6	313.3	338.1	370.3	436.0	590.6	1089.8
20°	201.0	226.2	251.0	274.5	297.2	321.2	346.9	387.1	498.3	822.3	1419.6
17.5°	206.1	232.1	257.5	282.1	305.8	329.4	355.8	401.7	554.3	1023.6	1751.2
15°	210.8	237.4	263.5	289.2	313.7	338.3	369.8	443.1	667.5	1223.5	2046.6
12.5°	215.0	242.1	269.0	295.7	320.8	346.2	382.4	484.3	806.2	1458.0	2248.2
10°	218.7	246.1	274.0	301.7	327.1	353.1	393.0	518.1	920.3	1650.8	2410.2
7.5°	222.1	249.9	278.5	307.0	332.5	359.1	401.7	544.4	1008.4	1796.1	2539.5
5°	225.0	253.7	283.9	312.8	339.3	365.6	409.2	563.4	1070.2	1894.0	2633.7
2.5°	227.3	256.8	288.6	317.9	346.8	373.5	417.7	577.4	1110.1	1956.3	2693.9
0°	228.8	259.3	292.5	322.1	353.5	380.4	424.4	584.0	1125.0	1979.1	2716.6
-2.5°	227.3	256.8	288.6	317.9	346.8	373.5	417.7	577.4	1110.1	1956.3	2693.9
-5°	225.0	253.7	283.9	312.8	339.3	365.6	409.2	563.4	1070.2	1894.0	2633.7
-7.5°	222.1	249.9	278.5	307.0	332.5	359.1	401.7	544.4	1008.4	1796.1	2539.5
-10°	218.7	246.1	274.0	301.7	327.1	353.1	393.0	518.1	920.3	1650.8	2410.2
-12.5°	215.0	242.1	269.0	295.7	320.8	346.2	382.4	484.3	806.2	1458.0	2248.2
-15°	210.8	237.4	263.5	289.2	313.7	338.3	369.8	443.1	667.5	1223.5	2046.6
-17.5°	206.1	232.1	257.5	282.1	305.8	329.4	355.8	401.7	554.3	1023.6	1751.2
-20°	201.0	226.2	251.0	274.5	297.2	321.2	346.9	387.1	498.3	822.3	1419.6



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	195.5	219.7	244.0	266.6	289.6	313.3	338.1	370.3	436.0	590.6	1089.8
-25°	189.0	212.9	236.2	259.1	281.5	304.5	328.3	352.6	395.1	509.5	814.5
-27.5°	181.4	205.8	228.3	250.9	272.5	294.7	317.8	341.1	372.5	429.1	567.2
-30°	173.1	198.5	219.8	241.9	262.9	284.3	306.3	328.9	351.3	388.1	473.2
-32.5°	164.6	190.5	211.1	232.1	252.7	272.9	294.3	315.9	337.3	360.9	397.8
-35°	157.1	180.9	201.9	221.8	241.7	261.4	281.9	302.4	322.4	342.7	368.3
-37.5°	150.4	171.4	192.2	211.2	230.1	249.5	268.9	288.4	307.5	326.1	346.2
-40°	142.9	161.9	182.0	200.1	218.5	237.0	255.5	273.8	292.0	309.9	327.6
-42.5°	134.8	152.8	171.9	188.5	206.1	223.9	241.4	258.8	275.9	292.9	309.5
-45°	127.3	142.9	161.8	177.7	193.0	210.0	226.7	243.1	259.4	275.2	290.8
-47.5°	119.6	132.7	149.8	166.5	180.3	195.1	211.3	226.9	242.4	257.2	271.5
-50°	111.7	124.0	136.8	153.2	167.9	180.5	194.4	209.7	224.3	238.6	252.2
-52.5°	103.9	115.0	126.1	139.0	153.8	167.0	178.2	190.8	204.9	218.8	230.3
-55°	95.8	105.9	115.3	126.1	138.4	151.7	162.4	172.5	184.1	196.9	206.8
-57.5°	88.4	96.4	104.6	113.5	123.8	134.9	144.6	153.6	163.0	173.6	182.5
-60°	81.3	87.2	93.9	101.3	109.2	118.3	126.6	134.8	142.2	149.6	158.6
-62.5°	73.9	78.3	83.2	89.4	95.9	101.9	108.9	115.9	122.8	128.6	135.1
-65°	64.8	68.9	72.4	77.1	82.7	87.1	91.9	97.0	102.7	107.9	111.7
-67.5°	55.5	59.6	62.3	64.2	68.1	71.7	75.3	78.9	83.1	88.6	92.5
-70°	45.2	50.3	53.3	54.9	55.3	55.9	58.5	60.9	64.6	71.1	76.3
-72.5°	34.8	39.9	43.7	46.5	46.6	45.7	44.8	43.9	47.7	55.3	61.6
-75°	26.6	29.7	33.6	36.7	37.4	36.3	34.5	32.9	36.3	42.7	48.8
-77.5°	20.1	22.5	25.0	27.4	28.0	27.5	26.3	24.5	27.3	32.4	38.2
-80°	14.0	15.2	17.0	18.8	19.3	19.1	18.5	17.5	19.7	22.8	26.5
-82.5°	9.1	9.9	10.6	11.4	11.4	11.2	10.7	10.3	11.9	13.8	15.9
-85°	4.6	4.5	4.9	5.2	5.3	5.3	5.1	4.8	5.5	6.3	7.2
-87.5°	2.3	2.3	2.2	2.1	1.9	1.7	1.5	1.3	1.3	1.4	1.4
-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: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.3
85°	8.1	7.9	7.4	6.9	6.2	6.6	6.9	7.3	7.7	7.2	6.6
82.5°	18.1	18.3	18.3	18.3	18.2	19.0	19.7	20.4	20.9	19.4	17.5
80°	30.5	31.9	32.8	33.6	34.3	34.3	33.8	33.0	31.9	29.1	26.1
77.5°	44.1	46.4	47.5	48.7	49.8	50.2	50.5	50.8	51.1	46.4	40.3
75°	54.6	58.0	60.0	61.8	63.5	64.5	65.1	65.4	65.6	59.8	52.5
72.5°	66.7	70.0	72.4	74.7	76.8	78.1	78.9	79.5	79.9	74.9	67.9
70°	79.9	82.5	85.4	88.2	90.8	92.5	93.7	94.6	95.3	94.9	94.5
67.5°	95.6	97.9	101.4	104.0	106.8	108.7	110.7	112.3	113.4	114.8	116.2
65°	115.3	120.8	125.8	128.3	128.7	131.5	136.0	139.0	140.4	141.6	143.1
62.5°	142.5	149.2	152.8	157.1	162.7	167.8	169.8	172.5	175.6	179.4	183.8
60°	165.9	171.5	177.3	183.2	188.3	192.5	197.1	201.7	205.9	209.8	213.5
57.5°	189.9	196.0	201.9	208.8	213.6	216.5	221.0	226.5	230.7	234.0	239.1
55°	214.7	222.6	230.6	236.8	241.4	244.4	247.8	253.1	256.2	257.5	263.3
52.5°	239.7	249.0	258.8	266.2	271.0	275.5	279.7	284.3	287.5	289.1	294.7
50°	262.8	273.9	284.8	294.4	300.9	308.4	316.9	321.1	323.8	326.8	333.1
47.5°	284.7	297.2	308.9	319.7	329.0	337.5	344.8	351.8	362.2	370.5	378.6
45°	305.9	319.2	331.9	344.0	354.4	370.9	386.6	400.0	435.8	465.9	488.8
42.5°	325.8	341.8	356.1	376.3	398.3	436.4	495.4	549.9	655.6	791.5	905.1
40°	346.6	367.2	392.8	432.2	506.7	583.3	812.2	1016.3	1216.9	1445.1	1640.7
37.5°	370.8	402.0	477.0	565.9	804.7	1068.9	1393.4	1711.9	1989.2	2226.6	2424.7
35°	402.9	499.2	639.3	963.5	1316.3	1749.5	2123.4	2423.0	2696.9	2916.8	3082.4
32.5°	497.4	673.7	1043.8	1489.6	1974.9	2393.4	2757.7	3044.5	3294.4	3491.5	3644.9
30°	635.8	1041.0	1543.6	2077.5	2561.0	2960.6	3297.1	3570.5	3793.6	3994.1	4162.4
27.5°	964.7	1486.1	2076.8	2621.4	3061.2	3435.2	3737.2	4008.0	4253.9	4465.0	4664.1
25°	1324.6	1970.1	2565.8	3061.5	3471.9	3822.9	4141.3	4437.5	4712.9	4960.0	5191.5
22.5°	1756.8	2400.6	2969.9	3428.7	3826.4	4186.9	4525.2	4854.8	5175.4	5476.9	5757.0
20°	2148.2	2779.9	3276.5	3734.6	4147.8	4523.5	4896.2	5280.4	5650.4	6013.6	6350.9
17.5°	2453.1	3040.9	3539.4	4003.7	4424.3	4849.8	5276.4	5717.6	6163.8	6585.7	6989.2
15°	2707.7	3258.5	3763.7	4228.0	4690.4	5159.9	5636.5	6156.3	6687.1	7192.0	7706.2
12.5°	2888.2	3440.1	3952.3	4418.2	4936.6	5446.2	6001.0	6593.5	7206.4	7794.5	8426.3
10°	3033.4	3585.0	4092.9	4595.3	5143.9	5708.9	6331.1	6983.8	7715.2	8411.6	9092.2
7.5°	3157.9	3705.9	4205.8	4739.7	5316.4	5937.4	6614.1	7352.0	8143.5	8918.4	9728.6
5°	3249.0	3788.4	4293.6	4858.0	5449.0	6104.4	6832.4	7620.8	8469.7	9318.7	10120.0
2.5°	3297.2	3835.4	4348.2	4931.5	5526.7	6205.5	6963.7	7799.3	8696.0	9622.5	10412.5
0°	3296.1	3855.1	4369.1	4981.0	5583.9	6236.1	7020.2	7913.8	8788.5	9751.1	10562.2
-2.5°	3297.2	3835.4	4348.2	4931.5	5526.7	6205.5	6963.7	7799.3	8696.0	9622.5	10412.5
-5°	3249.0	3788.4	4293.6	4858.0	5449.0	6104.4	6832.4	7620.8	8469.7	9318.7	10120.0
-7.5°	3157.9	3705.9	4205.8	4739.7	5316.4	5937.4	6614.1	7352.0	8143.5	8918.4	9728.6
-10°	3033.4	3585.0	4092.9	4595.3	5143.9	5708.9	6331.1	6983.8	7715.2	8411.6	9092.2
-12.5°	2888.2	3440.1	3952.3	4418.2	4936.6	5446.2	6001.0	6593.5	7206.4	7794.5	8426.3
-15°	2707.7	3258.5	3763.7	4228.0	4690.4	5159.9	5636.5	6156.3	6687.1	7192.0	7706.2
-17.5°	2453.1	3040.9	3539.4	4003.7	4424.3	4849.8	5276.4	5717.6	6163.8	6585.7	6989.2
-20°	2148.2	2779.9	3276.5	3734.6	4147.8	4523.5	4896.2	5280.4	5650.4	6013.6	6350.9



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1756.8	2400.6	2969.9	3428.7	3826.4	4186.9	4525.2	4854.8	5175.4	5476.9	5757.0
-25°	1324.6	1970.1	2565.8	3061.5	3471.9	3822.9	4141.3	4437.5	4712.9	4960.0	5191.5
-27.5°	964.7	1486.1	2076.8	2621.4	3061.2	3435.2	3737.2	4008.0	4253.9	4465.0	4664.1
-30°	635.8	1041.0	1543.6	2077.5	2561.0	2960.6	3297.1	3570.5	3793.6	3994.1	4162.4
-32.5°	497.4	673.7	1043.8	1489.6	1974.9	2393.4	2757.7	3044.5	3294.4	3491.5	3644.9
-35°	402.9	499.2	639.3	963.5	1316.3	1749.5	2123.4	2423.0	2696.9	2916.8	3082.4
-37.5°	370.8	402.0	477.0	565.9	804.7	1068.9	1393.4	1711.9	1989.2	2226.6	2424.7
-40°	346.6	367.2	392.8	432.2	506.7	583.3	812.2	1016.3	1216.9	1445.1	1640.7
-42.5°	325.8	341.8	356.1	376.3	398.3	436.4	495.4	549.9	655.6	791.5	905.1
-45°	305.9	319.2	331.9	344.0	354.4	370.9	386.6	400.0	435.8	465.9	488.8
-47.5°	284.7	297.2	308.9	319.7	329.0	337.5	344.8	351.8	362.2	370.5	378.6
-50°	262.8	273.9	284.8	294.4	300.9	308.4	316.9	321.1	323.8	326.8	333.1
-52.5°	239.7	249.0	258.8	266.2	271.0	275.5	279.7	284.3	287.5	289.1	294.7
-55°	214.7	222.6	230.6	236.8	241.4	244.4	247.8	253.1	256.2	257.5	263.3
-57.5°	189.9	196.0	201.9	208.8	213.6	216.5	221.0	226.5	230.7	234.0	239.1
-60°	165.9	171.5	177.3	183.2	188.3	192.5	197.1	201.7	205.9	209.8	213.5
-62.5°	142.5	149.2	152.8	157.1	162.7	167.8	169.8	172.5	175.6	179.4	183.8
-65°	115.3	120.8	125.8	128.3	128.7	131.5	136.0	139.0	140.4	141.6	143.1
-67.5°	95.6	97.9	101.4	104.0	106.8	108.7	110.7	112.3	113.4	114.8	116.2
-70°	79.9	82.5	85.4	88.2	90.8	92.5	93.7	94.6	95.3	94.9	94.5
-72.5°	66.7	70.0	72.4	74.7	76.8	78.1	78.9	79.5	79.9	74.9	67.9
-75°	54.6	58.0	60.0	61.8	63.5	64.5	65.1	65.4	65.6	59.8	52.5
-77.5°	44.1	46.4	47.5	48.7	49.8	50.2	50.5	50.8	51.1	46.4	40.3
-80°	30.5	31.9	32.8	33.6	34.3	34.3	33.8	33.0	31.9	29.1	26.1
-82.5°	18.1	18.3	18.3	18.3	18.2	19.0	19.7	20.4	20.9	19.4	17.5
-85°	8.1	7.9	7.4	6.9	6.2	6.6	6.9	7.3	7.7	7.2	6.6
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.3
-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: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
85°	6.0	5.4	5.4	5.4	5.4	5.4	6.0	6.6	7.2	7.7	7.3
82.5°	15.5	13.4	13.5	13.5	13.5	13.4	15.5	17.5	19.4	20.9	20.4
80°	23.0	19.7	20.1	20.6	20.1	19.7	23.0	26.1	29.1	31.9	33.0
77.5°	33.9	27.1	26.9	26.9	26.9	27.1	33.9	40.3	46.4	51.1	50.8
75°	44.9	37.1	36.7	36.8	36.7	37.1	44.9	52.5	59.8	65.6	65.4
72.5°	60.6	53.2	49.9	46.7	49.9	53.2	60.6	67.9	74.9	79.9	79.5
70°	94.6	94.8	91.5	87.0	91.5	94.8	94.6	94.5	94.9	95.3	94.6
67.5°	117.5	118.5	119.9	121.1	119.9	118.5	117.5	116.2	114.8	113.4	112.3
65°	143.7	143.6	144.2	144.4	144.2	143.6	143.7	143.1	141.6	140.4	139.0
62.5°	187.6	190.6	192.7	193.8	192.7	190.6	187.6	183.8	179.4	175.6	172.5
60°	216.6	219.1	222.6	226.1	222.6	219.1	216.6	213.5	209.8	205.9	201.7
57.5°	243.7	247.9	251.4	253.9	251.4	247.9	243.7	239.1	234.0	230.7	226.5
55°	268.8	273.7	278.3	282.6	278.3	273.7	268.8	263.3	257.5	256.2	253.1
52.5°	300.2	304.2	310.9	319.4	310.9	304.2	300.2	294.7	289.1	287.5	284.3
50°	340.4	346.5	355.0	365.1	355.0	346.5	340.4	333.1	326.8	323.8	321.1
47.5°	386.9	393.0	401.1	411.8	401.1	393.0	386.9	378.6	370.5	362.2	351.8
45°	509.8	524.2	537.3	551.7	537.3	524.2	509.8	488.8	465.9	435.8	400.0
42.5°	996.1	1059.0	1086.2	1070.3	1086.2	1059.0	996.1	905.1	791.5	655.6	549.9
40°	1789.8	1894.4	1955.9	1977.3	1955.9	1894.4	1789.8	1640.7	1445.1	1216.9	1016.3
37.5°	2569.4	2665.7	2717.6	2723.7	2717.6	2665.7	2569.4	2424.7	2226.6	1989.2	1711.9
35°	3201.8	3281.2	3328.1	3363.4	3328.1	3281.2	3201.8	3082.4	2916.8	2696.9	2423.0
32.5°	3769.8	3860.2	3912.4	3900.8	3912.4	3860.2	3769.8	3644.9	3491.5	3294.4	3044.5
30°	4300.4	4399.3	4460.6	4462.4	4460.6	4399.3	4300.4	4162.4	3994.1	3793.6	3570.5
27.5°	4825.0	4935.9	4999.9	5050.1	4999.9	4935.9	4825.0	4664.1	4465.0	4253.9	4008.0
25°	5384.6	5522.9	5605.0	5654.7	5605.0	5522.9	5384.6	5191.5	4960.0	4712.9	4437.5
22.5°	5987.9	6159.3	6271.9	6318.6	6271.9	6159.3	5987.9	5757.0	5476.9	5175.4	4854.8
20°	6644.3	6856.6	7000.3	6996.0	7000.3	6856.6	6644.3	6350.9	6013.6	5650.4	5280.4
17.5°	7376.6	7650.5	7835.8	7862.6	7835.8	7650.5	7376.6	6989.2	6585.7	6163.8	5717.6
15°	8161.7	8514.8	8754.5	8828.9	8754.5	8514.8	8161.7	7706.2	7192.0	6687.1	6156.3
12.5°	8966.3	9386.3	9705.9	9812.1	9705.9	9386.3	8966.3	8426.3	7794.5	7206.4	6593.5
10°	9732.9	10198.1	10545.0	10698.5	10545.0	10198.1	9732.9	9092.2	8411.6	7715.2	6983.8
7.5°	10373.7	10846.4	11203.7	11330.1	11203.7	10846.4	10373.7	9728.6	8918.4	8143.5	7352.0
5°	10796.0	11312.3	11590.2	11746.4	11590.2	11312.3	10796.0	10120.0	9318.7	8469.7	7620.8
2.5°	11078.0	11515.9	11797.3	11941.1	11797.3	11515.9	11078.0	10412.5	9622.5	8696.0	7799.3
0°	11227.8	11673.7	11880.1	11950.0	11880.1	11673.7	11227.8	10562.2	9751.1	8788.5	7913.8
-2.5°	11078.0	11515.9	11797.3	11941.1	11797.3	11515.9	11078.0	10412.5	9622.5	8696.0	7799.3
-5°	10796.0	11312.3	11590.2	11746.4	11590.2	11312.3	10796.0	10120.0	9318.7	8469.7	7620.8
-7.5°	10373.7	10846.4	11203.7	11330.1	11203.7	10846.4	10373.7	9728.6	8918.4	8143.5	7352.0
-10°	9732.9	10198.1	10545.0	10698.5	10545.0	10198.1	9732.9	9092.2	8411.6	7715.2	6983.8
-12.5°	8966.3	9386.3	9705.9	9812.1	9705.9	9386.3	8966.3	8426.3	7794.5	7206.4	6593.5
-15°	8161.7	8514.8	8754.5	8828.9	8754.5	8514.8	8161.7	7706.2	7192.0	6687.1	6156.3
-17.5°	7376.6	7650.5	7835.8	7862.6	7835.8	7650.5	7376.6	6989.2	6585.7	6163.8	5717.6
-20°	6644.3	6856.6	7000.3	6996.0	7000.3	6856.6	6644.3	6350.9	6013.6	5650.4	5280.4



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	5987.9	6159.3	6271.9	6318.6	6271.9	6159.3	5987.9	5757.0	5476.9	5175.4	4854.8
-25°	5384.6	5522.9	5605.0	5654.7	5605.0	5522.9	5384.6	5191.5	4960.0	4712.9	4437.5
-27.5°	4825.0	4935.9	4999.9	5050.1	4999.9	4935.9	4825.0	4664.1	4465.0	4253.9	4008.0
-30°	4300.4	4399.3	4460.6	4462.4	4460.6	4399.3	4300.4	4162.4	3994.1	3793.6	3570.5
-32.5°	3769.8	3860.2	3912.4	3900.8	3912.4	3860.2	3769.8	3644.9	3491.5	3294.4	3044.5
-35°	3201.8	3281.2	3328.1	3363.4	3328.1	3281.2	3201.8	3082.4	2916.8	2696.9	2423.0
-37.5°	2569.4	2665.7	2717.6	2723.7	2717.6	2665.7	2569.4	2424.7	2226.6	1989.2	1711.9
-40°	1789.8	1894.4	1955.9	1977.3	1955.9	1894.4	1789.8	1640.7	1445.1	1216.9	1016.3
-42.5°	996.1	1059.0	1086.2	1070.3	1086.2	1059.0	996.1	905.1	791.5	655.6	549.9
-45°	509.8	524.2	537.3	551.7	537.3	524.2	509.8	488.8	465.9	435.8	400.0
-47.5°	386.9	393.0	401.1	411.8	401.1	393.0	386.9	378.6	370.5	362.2	351.8
-50°	340.4	346.5	355.0	365.1	355.0	346.5	340.4	333.1	326.8	323.8	321.1
-52.5°	300.2	304.2	310.9	319.4	310.9	304.2	300.2	294.7	289.1	287.5	284.3
-55°	268.8	273.7	278.3	282.6	278.3	273.7	268.8	263.3	257.5	256.2	253.1
-57.5°	243.7	247.9	251.4	253.9	251.4	247.9	243.7	239.1	234.0	230.7	226.5
-60°	216.6	219.1	222.6	226.1	222.6	219.1	216.6	213.5	209.8	205.9	201.7
-62.5°	187.6	190.6	192.7	193.8	192.7	190.6	187.6	183.8	179.4	175.6	172.5
-65°	143.7	143.6	144.2	144.4	144.2	143.6	143.7	143.1	141.6	140.4	139.0
-67.5°	117.5	118.5	119.9	121.1	119.9	118.5	117.5	116.2	114.8	113.4	112.3
-70°	94.6	94.8	91.5	87.0	91.5	94.8	94.6	94.5	94.9	95.3	94.6
-72.5°	60.6	53.2	49.9	46.7	49.9	53.2	60.6	67.9	74.9	79.9	79.5
-75°	44.9	37.1	36.7	36.8	36.7	37.1	44.9	52.5	59.8	65.6	65.4
-77.5°	33.9	27.1	26.9	26.9	26.9	27.1	33.9	40.3	46.4	51.1	50.8
-80°	23.0	19.7	20.1	20.6	20.1	19.7	23.0	26.1	29.1	31.9	33.0
-82.5°	15.5	13.4	13.5	13.5	13.5	13.4	15.5	17.5	19.4	20.9	20.4
-85°	6.0	5.4	5.4	5.4	5.4	5.4	6.0	6.6	7.2	7.7	7.3
-87.5°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
-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: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	6.9	6.6	6.2	6.9	7.4	7.9	8.1	7.2	6.3	5.5	4.8
82.5°	19.7	19.0	18.2	18.3	18.3	18.3	18.1	15.9	13.8	11.9	10.3
80°	33.8	34.3	34.3	33.6	32.8	31.9	30.5	26.5	22.8	19.7	17.5
77.5°	50.5	50.2	49.8	48.7	47.5	46.4	44.1	38.2	32.4	27.3	24.5
75°	65.1	64.5	63.5	61.8	60.0	58.0	54.6	48.8	42.7	36.3	32.9
72.5°	78.9	78.1	76.8	74.7	72.4	70.0	66.7	61.6	55.3	47.7	43.9
70°	93.7	92.5	90.8	88.2	85.4	82.5	79.9	76.3	71.1	64.6	60.9
67.5°	110.7	108.7	106.8	104.0	101.4	97.9	95.6	92.5	88.6	83.1	78.9
65°	136.0	131.5	128.7	128.3	125.8	120.8	115.3	111.7	107.9	102.7	97.0
62.5°	169.8	167.8	162.7	157.1	152.8	149.2	142.5	135.1	128.6	122.8	115.9
60°	197.1	192.5	188.3	183.2	177.3	171.5	165.9	158.6	149.6	142.2	134.8
57.5°	221.0	216.5	213.6	208.8	201.9	196.0	189.9	182.5	173.6	163.0	153.6
55°	247.8	244.4	241.4	236.8	230.6	222.6	214.7	206.8	196.9	184.1	172.5
52.5°	279.7	275.5	271.0	266.2	258.8	249.0	239.7	230.3	218.8	204.9	190.8
50°	316.9	308.4	300.9	294.4	284.8	273.9	262.8	252.2	238.6	224.3	209.7
47.5°	344.8	337.5	329.0	319.7	308.9	297.2	284.7	271.5	257.2	242.4	226.9
45°	386.6	370.9	354.4	344.0	331.9	319.2	305.9	290.8	275.2	259.4	243.1
42.5°	495.4	436.4	398.3	376.3	356.1	341.8	325.8	309.5	292.9	275.9	258.8
40°	812.2	583.3	506.7	432.2	392.8	367.2	346.6	327.6	309.9	292.0	273.8
37.5°	1393.4	1068.9	804.7	565.9	477.0	402.0	370.8	346.2	326.1	307.5	288.4
35°	2123.4	1749.5	1316.3	963.5	639.3	499.2	402.9	368.3	342.7	322.4	302.4
32.5°	2757.7	2393.4	1974.9	1489.6	1043.8	673.7	497.4	397.8	360.9	337.3	315.9
30°	3297.1	2960.6	2561.0	2077.5	1543.6	1041.0	635.8	473.2	388.1	351.3	328.9
27.5°	3737.2	3435.2	3061.2	2621.4	2076.8	1486.1	964.7	567.2	429.1	372.5	341.1
25°	4141.3	3822.9	3471.9	3061.5	2565.8	1970.1	1324.6	814.5	509.5	395.1	352.6
22.5°	4525.2	4186.9	3826.4	3428.7	2969.9	2400.6	1756.8	1089.8	590.6	436.0	370.3
20°	4896.2	4523.5	4147.8	3734.6	3276.5	2779.9	2148.2	1419.6	822.3	498.3	387.1
17.5°	5276.4	4849.8	4424.3	4003.7	3539.4	3040.9	2453.1	1751.2	1023.6	554.3	401.7
15°	5636.5	5159.9	4690.4	4228.0	3763.7	3258.5	2707.7	2046.6	1223.5	667.5	443.1
12.5°	6001.0	5446.2	4936.6	4418.2	3952.3	3440.1	2888.2	2248.2	1458.0	806.2	484.3
10°	6331.1	5708.9	5143.9	4595.3	4092.9	3585.0	3033.4	2410.2	1650.8	920.3	518.1
7.5°	6614.1	5937.4	5316.4	4739.7	4205.8	3705.9	3157.9	2539.5	1796.1	1008.4	544.4
5°	6832.4	6104.4	5449.0	4858.0	4293.6	3788.4	3249.0	2633.7	1894.0	1070.2	563.4
2.5°	6963.7	6205.5	5526.7	4931.5	4348.2	3835.4	3297.2	2693.9	1956.3	1110.1	577.4
0°	7020.2	6236.1	5583.9	4981.0	4369.1	3855.1	3296.1	2716.6	1979.1	1125.0	584.0
-2.5°	6963.7	6205.5	5526.7	4931.5	4348.2	3835.4	3297.2	2693.9	1956.3	1110.1	577.4
-5°	6832.4	6104.4	5449.0	4858.0	4293.6	3788.4	3249.0	2633.7	1894.0	1070.2	563.4
-7.5°	6614.1	5937.4	5316.4	4739.7	4205.8	3705.9	3157.9	2539.5	1796.1	1008.4	544.4
-10°	6331.1	5708.9	5143.9	4595.3	4092.9	3585.0	3033.4	2410.2	1650.8	920.3	518.1
-12.5°	6001.0	5446.2	4936.6	4418.2	3952.3	3440.1	2888.2	2248.2	1458.0	806.2	484.3
-15°	5636.5	5159.9	4690.4	4228.0	3763.7	3258.5	2707.7	2046.6	1223.5	667.5	443.1
-17.5°	5276.4	4849.8	4424.3	4003.7	3539.4	3040.9	2453.1	1751.2	1023.6	554.3	401.7
-20°	4896.2	4523.5	4147.8	3734.6	3276.5	2779.9	2148.2	1419.6	822.3	498.3	387.1



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4525.2	4186.9	3826.4	3428.7	2969.9	2400.6	1756.8	1089.8	590.6	436.0	370.3
-25°	4141.3	3822.9	3471.9	3061.5	2565.8	1970.1	1324.6	814.5	509.5	395.1	352.6
-27.5°	3737.2	3435.2	3061.2	2621.4	2076.8	1486.1	964.7	567.2	429.1	372.5	341.1
-30°	3297.1	2960.6	2561.0	2077.5	1543.6	1041.0	635.8	473.2	388.1	351.3	328.9
-32.5°	2757.7	2393.4	1974.9	1489.6	1043.8	673.7	497.4	397.8	360.9	337.3	315.9
-35°	2123.4	1749.5	1316.3	963.5	639.3	499.2	402.9	368.3	342.7	322.4	302.4
-37.5°	1393.4	1068.9	804.7	565.9	477.0	402.0	370.8	346.2	326.1	307.5	288.4
-40°	812.2	583.3	506.7	432.2	392.8	367.2	346.6	327.6	309.9	292.0	273.8
-42.5°	495.4	436.4	398.3	376.3	356.1	341.8	325.8	309.5	292.9	275.9	258.8
-45°	386.6	370.9	354.4	344.0	331.9	319.2	305.9	290.8	275.2	259.4	243.1
-47.5°	344.8	337.5	329.0	319.7	308.9	297.2	284.7	271.5	257.2	242.4	226.9
-50°	316.9	308.4	300.9	294.4	284.8	273.9	262.8	252.2	238.6	224.3	209.7
-52.5°	279.7	275.5	271.0	266.2	258.8	249.0	239.7	230.3	218.8	204.9	190.8
-55°	247.8	244.4	241.4	236.8	230.6	222.6	214.7	206.8	196.9	184.1	172.5
-57.5°	221.0	216.5	213.6	208.8	201.9	196.0	189.9	182.5	173.6	163.0	153.6
-60°	197.1	192.5	188.3	183.2	177.3	171.5	165.9	158.6	149.6	142.2	134.8
-62.5°	169.8	167.8	162.7	157.1	152.8	149.2	142.5	135.1	128.6	122.8	115.9
-65°	136.0	131.5	128.7	128.3	125.8	120.8	115.3	111.7	107.9	102.7	97.0
-67.5°	110.7	108.7	106.8	104.0	101.4	97.9	95.6	92.5	88.6	83.1	78.9
-70°	93.7	92.5	90.8	88.2	85.4	82.5	79.9	76.3	71.1	64.6	60.9
-72.5°	78.9	78.1	76.8	74.7	72.4	70.0	66.7	61.6	55.3	47.7	43.9
-75°	65.1	64.5	63.5	61.8	60.0	58.0	54.6	48.8	42.7	36.3	32.9
-77.5°	50.5	50.2	49.8	48.7	47.5	46.4	44.1	38.2	32.4	27.3	24.5
-80°	33.8	34.3	34.3	33.6	32.8	31.9	30.5	26.5	22.8	19.7	17.5
-82.5°	19.7	19.0	18.2	18.3	18.3	18.3	18.1	15.9	13.8	11.9	10.3
-85°	6.9	6.6	6.2	6.9	7.4	7.9	8.1	7.2	6.3	5.5	4.8
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-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: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.5	1.7	1.9	2.1	2.2	2.3	2.3	2.3	2.2	2.0	1.8
85°	5.1	5.3	5.3	5.2	4.9	4.5	4.6	4.6	4.3	4.0	3.7
82.5°	10.7	11.2	11.4	11.4	10.6	9.9	9.1	8.3	7.4	6.2	5.5
80°	18.5	19.1	19.3	18.8	17.0	15.2	14.0	12.8	11.9	10.6	8.9
77.5°	26.3	27.5	28.0	27.4	25.0	22.5	20.1	17.8	16.5	15.1	13.1
75°	34.5	36.3	37.4	36.7	33.6	29.7	26.6	24.1	22.2	19.7	17.4
72.5°	44.8	45.7	46.6	46.5	43.7	39.9	34.8	30.3	28.2	25.4	21.9
70°	58.5	55.9	55.3	54.9	53.3	50.3	45.2	39.3	34.4	31.2	27.3
67.5°	75.3	71.7	68.1	64.2	62.3	59.6	55.5	48.6	42.1	37.0	32.6
65°	91.9	87.1	82.7	77.1	72.4	68.9	64.8	57.3	49.5	43.1	38.0
62.5°	108.9	101.9	95.9	89.4	83.2	78.3	73.9	65.4	56.6	48.8	42.8
60°	126.6	118.3	109.2	101.3	93.9	87.2	81.3	73.4	63.9	54.3	47.2
57.5°	144.6	134.9	123.8	113.5	104.6	96.4	88.4	80.4	71.0	60.5	51.1
55°	162.4	151.7	138.4	126.1	115.3	105.9	95.8	86.8	77.8	66.7	53.9
52.5°	178.2	167.0	153.8	139.0	126.1	115.0	103.9	93.0	83.5	72.9	57.8
50°	194.4	180.5	167.9	153.2	136.8	124.0	111.7	100.0	89.0	78.5	61.5
47.5°	211.3	195.1	180.3	166.5	149.8	132.7	119.6	106.8	94.4	83.4	64.7
45°	226.7	210.0	193.0	177.7	161.8	142.9	127.3	113.3	100.3	85.8	67.4
42.5°	241.4	223.9	206.1	188.5	171.9	152.8	134.8	120.0	105.9	87.7	69.3
40°	255.5	237.0	218.5	200.1	182.0	161.9	142.9	126.5	110.9	89.4	70.6
37.5°	268.9	249.5	230.1	211.2	192.2	171.4	150.4	132.7	113.3	91.2	71.4
35°	281.9	261.4	241.7	221.8	201.9	180.9	157.1	138.7	117.0	92.7	71.9
32.5°	294.3	272.9	252.7	232.1	211.1	190.5	164.6	144.1	121.4	94.0	72.0
30°	306.3	284.3	262.9	241.9	219.8	198.5	173.1	149.4	126.5	95.0	72.0
27.5°	317.8	294.7	272.5	250.9	228.3	205.8	181.4	154.6	132.3	96.8	72.5
25°	328.3	304.5	281.5	259.1	236.2	212.9	189.0	159.8	137.1	100.7	72.7
22.5°	338.1	313.3	289.6	266.6	244.0	219.7	195.5	166.1	141.1	104.8	72.6
20°	346.9	321.2	297.2	274.5	251.0	226.2	201.0	171.8	144.8	108.9	72.3
17.5°	355.8	329.4	305.8	282.1	257.5	232.1	206.1	176.9	148.2	113.0	71.6
15°	369.8	338.3	313.7	289.2	263.5	237.4	210.8	181.4	151.4	116.9	71.4
12.5°	382.4	346.2	320.8	295.7	269.0	242.1	215.0	185.3	154.2	119.6	71.7
10°	393.0	353.1	327.1	301.7	274.0	246.1	218.7	188.6	156.5	120.7	71.5
7.5°	401.7	359.1	332.5	307.0	278.5	249.9	222.1	191.3	158.7	120.8	70.9
5°	409.2	365.6	339.3	312.8	283.9	253.7	225.0	193.4	160.7	120.0	70.0
2.5°	417.7	373.5	346.8	317.9	288.6	256.8	227.3	194.8	162.3	118.3	68.8
0°	424.4	380.4	353.5	322.1	292.5	259.3	228.8	195.6	163.3	115.7	67.3
-2.5°	417.7	373.5	346.8	317.9	288.6	256.8	227.3	194.8	162.3	118.3	68.8
-5°	409.2	365.6	339.3	312.8	283.9	253.7	225.0	193.4	160.7	120.0	70.0
-7.5°	401.7	359.1	332.5	307.0	278.5	249.9	222.1	191.3	158.7	120.8	70.9
-10°	393.0	353.1	327.1	301.7	274.0	246.1	218.7	188.6	156.5	120.7	71.5
-12.5°	382.4	346.2	320.8	295.7	269.0	242.1	215.0	185.3	154.2	119.6	71.7
-15°	369.8	338.3	313.7	289.2	263.5	237.4	210.8	181.4	151.4	116.9	71.4
-17.5°	355.8	329.4	305.8	282.1	257.5	232.1	206.1	176.9	148.2	113.0	71.6
-20°	346.9	321.2	297.2	274.5	251.0	226.2	201.0	171.8	144.8	108.9	72.3



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	338.1	313.3	289.6	266.6	244.0	219.7	195.5	166.1	141.1	104.8	72.6
-25°	328.3	304.5	281.5	259.1	236.2	212.9	189.0	159.8	137.1	100.7	72.7
-27.5°	317.8	294.7	272.5	250.9	228.3	205.8	181.4	154.6	132.3	96.8	72.5
-30°	306.3	284.3	262.9	241.9	219.8	198.5	173.1	149.4	126.5	95.0	72.0
-32.5°	294.3	272.9	252.7	232.1	211.1	190.5	164.6	144.1	121.4	94.0	72.0
-35°	281.9	261.4	241.7	221.8	201.9	180.9	157.1	138.7	117.0	92.7	71.9
-37.5°	268.9	249.5	230.1	211.2	192.2	171.4	150.4	132.7	113.3	91.2	71.4
-40°	255.5	237.0	218.5	200.1	182.0	161.9	142.9	126.5	110.9	89.4	70.6
-42.5°	241.4	223.9	206.1	188.5	171.9	152.8	134.8	120.0	105.9	87.7	69.3
-45°	226.7	210.0	193.0	177.7	161.8	142.9	127.3	113.3	100.3	85.8	67.4
-47.5°	211.3	195.1	180.3	166.5	149.8	132.7	119.6	106.8	94.4	83.4	64.7
-50°	194.4	180.5	167.9	153.2	136.8	124.0	111.7	100.0	89.0	78.5	61.5
-52.5°	178.2	167.0	153.8	139.0	126.1	115.0	103.9	93.0	83.5	72.9	57.8
-55°	162.4	151.7	138.4	126.1	115.3	105.9	95.8	86.8	77.8	66.7	53.9
-57.5°	144.6	134.9	123.8	113.5	104.6	96.4	88.4	80.4	71.0	60.5	51.1
-60°	126.6	118.3	109.2	101.3	93.9	87.2	81.3	73.4	63.9	54.3	47.2
-62.5°	108.9	101.9	95.9	89.4	83.2	78.3	73.9	65.4	56.6	48.8	42.8
-65°	91.9	87.1	82.7	77.1	72.4	68.9	64.8	57.3	49.5	43.1	38.0
-67.5°	75.3	71.7	68.1	64.2	62.3	59.6	55.5	48.6	42.1	37.0	32.6
-70°	58.5	55.9	55.3	54.9	53.3	50.3	45.2	39.3	34.4	31.2	27.3
-72.5°	44.8	45.7	46.6	46.5	43.7	39.9	34.8	30.3	28.2	25.4	21.9
-75°	34.5	36.3	37.4	36.7	33.6	29.7	26.6	24.1	22.2	19.7	17.4
-77.5°	26.3	27.5	28.0	27.4	25.0	22.5	20.1	17.8	16.5	15.1	13.1
-80°	18.5	19.1	19.3	18.8	17.0	15.2	14.0	12.8	11.9	10.6	8.9
-82.5°	10.7	11.2	11.4	11.4	10.6	9.9	9.1	8.3	7.4	6.2	5.5
-85°	5.1	5.3	5.3	5.2	4.9	4.5	4.6	4.6	4.3	4.0	3.7
-87.5°	1.5	1.7	1.9	2.1	2.2	2.3	2.3	2.3	2.2	2.0	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.6	1.3	0.9	0.6	0.4	0.2	0.0
85°	3.3	2.5	1.9	1.3	0.8	0.4	0.0
82.5°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
80°	6.7	5.0	3.7	2.6	1.6	0.8	0.0
77.5°	10.5	6.8	4.6	3.2	1.9	1.0	0.0
75°	14.2	9.7	5.7	3.8	2.3	1.2	0.0
72.5°	17.9	12.6	7.8	4.4	2.7	1.4	0.0
70°	21.5	15.3	9.9	5.1	3.1	1.5	0.0
67.5°	25.8	18.0	11.9	6.5	3.4	1.7	0.0
65°	29.9	20.9	13.8	7.9	3.8	1.9	0.0
62.5°	33.8	23.9	15.7	9.2	4.2	2.1	0.0
60°	37.5	26.8	17.5	10.5	4.5	2.2	0.0
57.5°	40.0	29.6	19.5	11.7	5.3	2.4	0.0
55°	42.1	32.1	21.5	12.8	6.1	2.6	0.0
52.5°	44.0	34.3	23.3	13.9	6.8	2.7	0.0
50°	45.5	35.4	25.0	14.9	7.5	2.9	0.0
47.5°	46.9	36.3	26.5	15.9	8.2	3.0	0.0
45°	49.1	37.0	28.0	17.0	8.9	3.2	0.0
42.5°	51.1	37.4	29.3	18.0	9.5	3.3	0.0
40°	52.7	37.6	30.0	19.0	10.1	3.4	0.0
37.5°	53.9	37.6	30.0	20.1	10.6	3.6	0.0
35°	54.7	38.1	30.0	21.1	11.1	3.7	0.0
32.5°	55.2	38.7	29.8	22.1	11.6	3.8	0.0
30°	55.1	39.0	29.5	23.1	12.1	3.9	0.0
27.5°	54.8	39.2	29.8	24.0	12.5	4.0	0.0
25°	54.2	39.0	30.2	24.9	12.9	4.1	0.0
22.5°	53.3	39.1	30.5	25.7	13.2	4.2	0.0
20°	52.2	40.1	30.7	26.5	13.5	4.2	0.0
17.5°	52.3	41.0	30.9	27.3	13.7	4.3	0.0
15°	53.0	41.8	31.1	27.9	13.9	4.3	0.0
12.5°	53.7	42.5	31.2	28.6	14.1	4.4	0.0
10°	54.1	43.0	31.3	29.1	14.3	4.4	0.0
7.5°	54.5	43.5	31.3	29.6	14.3	4.5	0.0
5°	54.7	43.8	31.4	30.0	14.4	4.5	0.0
2.5°	54.8	43.9	31.4	30.3	14.4	4.5	0.0
0°	54.7	44.0	31.4	30.5	14.4	4.5	0.0
-2.5°	54.8	43.9	31.4	30.3	14.4	4.5	0.0
-5°	54.7	43.8	31.4	30.0	14.4	4.5	0.0
-7.5°	54.5	43.5	31.3	29.6	14.3	4.5	0.0
-10°	54.1	43.0	31.3	29.1	14.3	4.4	0.0
-12.5°	53.7	42.5	31.2	28.6	14.1	4.4	0.0
-15°	53.0	41.8	31.1	27.9	13.9	4.3	0.0
-17.5°	52.3	41.0	30.9	27.3	13.7	4.3	0.0
-20°	52.2	40.1	30.7	26.5	13.5	4.2	0.0



REPORT NUMBER: P558757 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.3	39.1	30.5	25.7	13.2	4.2	0.0
-25°	54.2	39.0	30.2	24.9	12.9	4.1	0.0
-27.5°	54.8	39.2	29.8	24.0	12.5	4.0	0.0
-30°	55.1	39.0	29.5	23.1	12.1	3.9	0.0
-32.5°	55.2	38.7	29.8	22.1	11.6	3.8	0.0
-35°	54.7	38.1	30.0	21.1	11.1	3.7	0.0
-37.5°	53.9	37.6	30.0	20.1	10.6	3.6	0.0
-40°	52.7	37.6	30.0	19.0	10.1	3.4	0.0
-42.5°	51.1	37.4	29.3	18.0	9.5	3.3	0.0
-45°	49.1	37.0	28.0	17.0	8.9	3.2	0.0
-47.5°	46.9	36.3	26.5	15.9	8.2	3.0	0.0
-50°	45.5	35.4	25.0	14.9	7.5	2.9	0.0
-52.5°	44.0	34.3	23.3	13.9	6.8	2.7	0.0
-55°	42.1	32.1	21.5	12.8	6.1	2.6	0.0
-57.5°	40.0	29.6	19.5	11.7	5.3	2.4	0.0
-60°	37.5	26.8	17.5	10.5	4.5	2.2	0.0
-62.5°	33.8	23.9	15.7	9.2	4.2	2.1	0.0
-65°	29.9	20.9	13.8	7.9	3.8	1.9	0.0
-67.5°	25.8	18.0	11.9	6.5	3.4	1.7	0.0
-70°	21.5	15.3	9.9	5.1	3.1	1.5	0.0
-72.5°	17.9	12.6	7.8	4.4	2.7	1.4	0.0
-75°	14.2	9.7	5.7	3.8	2.3	1.2	0.0
-77.5°	10.5	6.8	4.6	3.2	1.9	1.0	0.0
-80°	6.7	5.0	3.7	2.6	1.6	0.8	0.0
-82.5°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
-85°	3.3	2.5	1.9	1.3	0.8	0.4	0.0
-87.5°	1.6	1.3	0.9	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)