

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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5C-935-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

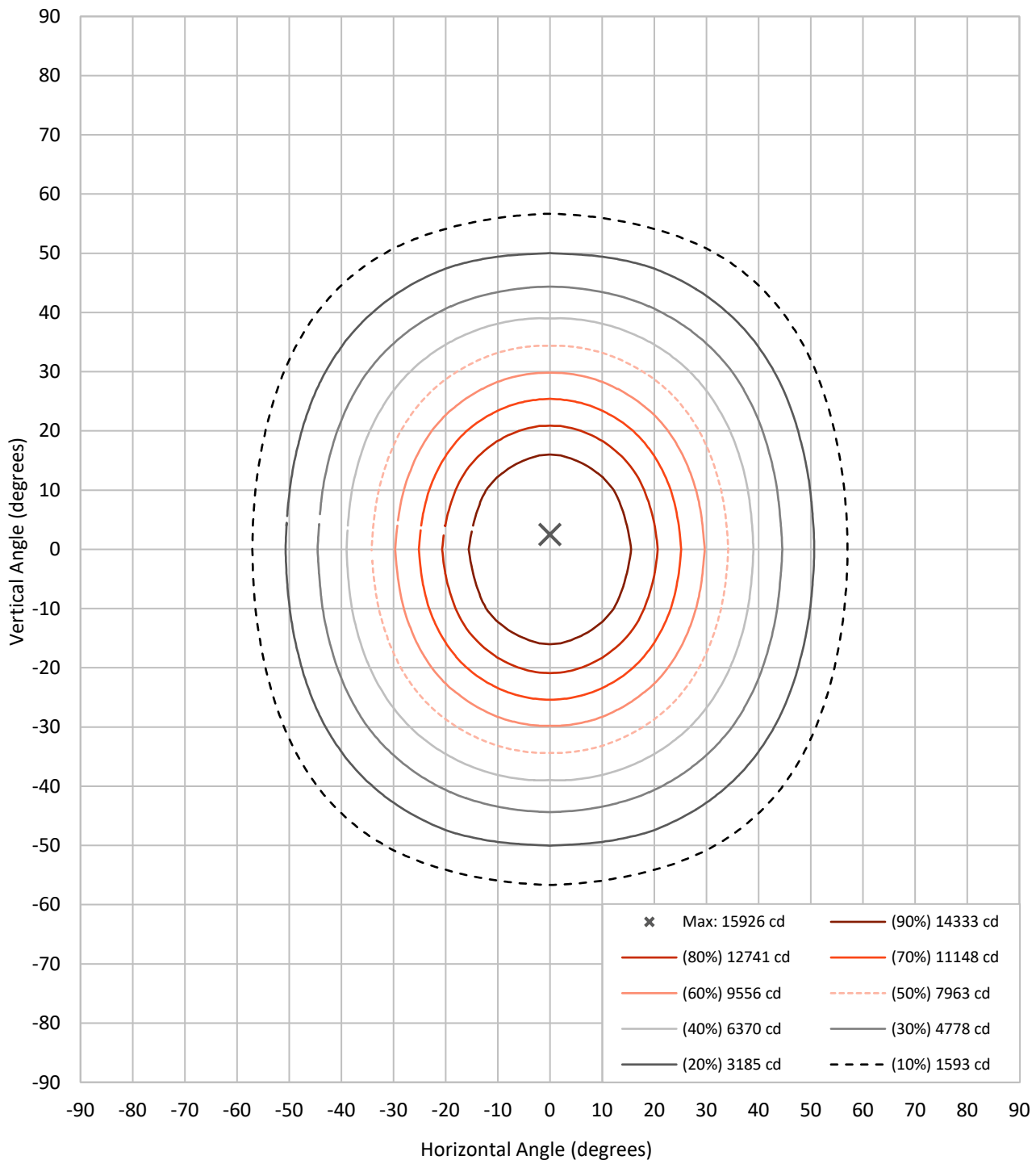
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21554.4 lumens	Max Intensity:	15926 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	107.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	12923.4 lumens	Field Lumens:	20590.2 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 201  
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



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

### Iso-Candela Plot





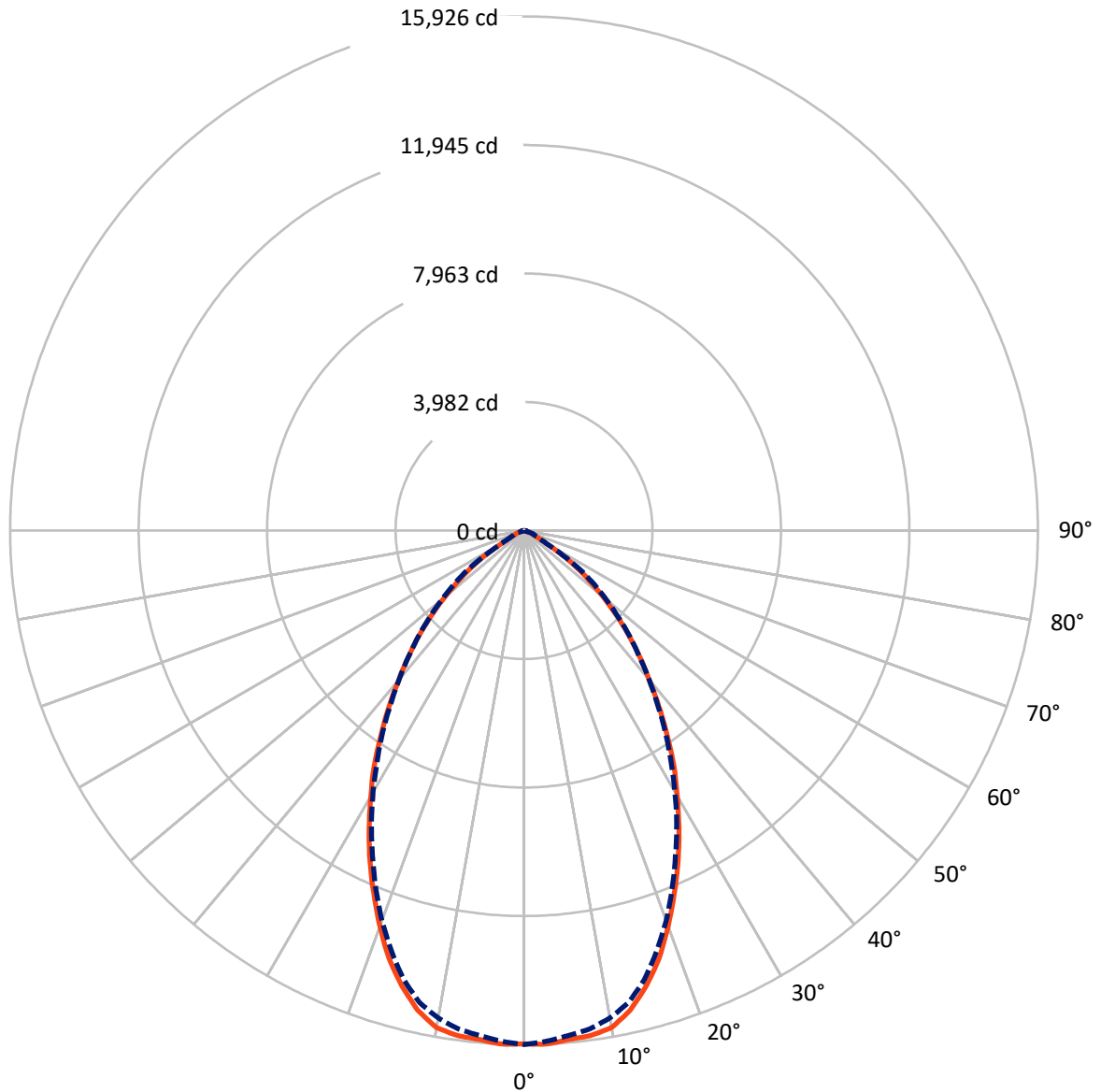
REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

### Lumen Table

90																			
80	0.2	2.1		5.2		9.0		6.3		9.0		5.2		2.1		0.2			
70																			
60	1.0	1.5	2.9	4.6	6.6	8.7	10.7	12.0	12.0	10.7	8.7	6.6	4.6	2.9	1.5	1.0			
50		2.4	4.8	8.7	16.7	32.4	48.6	58.2	58.2	48.6	32.4	16.7	8.7	4.8	2.4				
40	1.7	3.1	7.1	20.6	54.3	90.3	120.2	137.0	137.0	120.2	90.3	54.3	20.6	7.1	3.1	1.7			
30		3.8	12.1	47.6	97.6	152.3	201.8	231.5	231.5	201.8	152.3	97.6	47.6	12.1	3.8				
20	1.8	4.6	22.1	72.0	138.4	216.6	289.5	335.3	335.3	289.5	216.6	138.4	72.0	22.1	4.6	1.8			
10		5.5	31.5	89.6	170.6	270.6	368.6	430.6	430.6	368.6	270.6	170.6	89.6	31.5	5.5				
0	1.9	5.9	36.8	99.0	188.7	302.4	414.0	473.3	473.3	414.0	302.4	188.7	99.0	36.8	5.9	1.9			
-10		5.9	36.8	99.0	188.7	302.4	414.0	473.3	473.3	414.0	302.4	188.7	99.0	36.8	5.9				
-20	1.8	5.5	31.5	89.6	170.6	270.6	368.6	430.6	430.6	368.6	270.6	170.6	89.6	31.5	5.5	1.8			
-30		4.6	22.1	72.0	138.4	216.6	289.5	335.3	335.3	289.5	216.6	138.4	72.0	22.1	4.6				
-40	1.7	3.8	12.1	47.6	97.6	152.3	201.8	231.5	231.5	201.8	152.3	97.6	47.6	12.1	3.8	1.7			
-50		3.1	7.1	20.6	54.3	90.3	120.2	137.0	137.0	120.2	90.3	54.3	20.6	7.1	3.1				
-60	1.0	2.4	4.8	8.7	16.7	32.4	48.6	58.2	58.2	48.6	32.4	16.7	8.7	4.8	2.4	1.0			
-70		1.5	2.9	4.6	6.6	8.7	10.7	12.0	12.0	10.7	8.7	6.6	4.6	2.9	1.5				
-80																			
-90	0.2	2.1		5.2		9.0		6.3		9.0		5.2		2.1		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

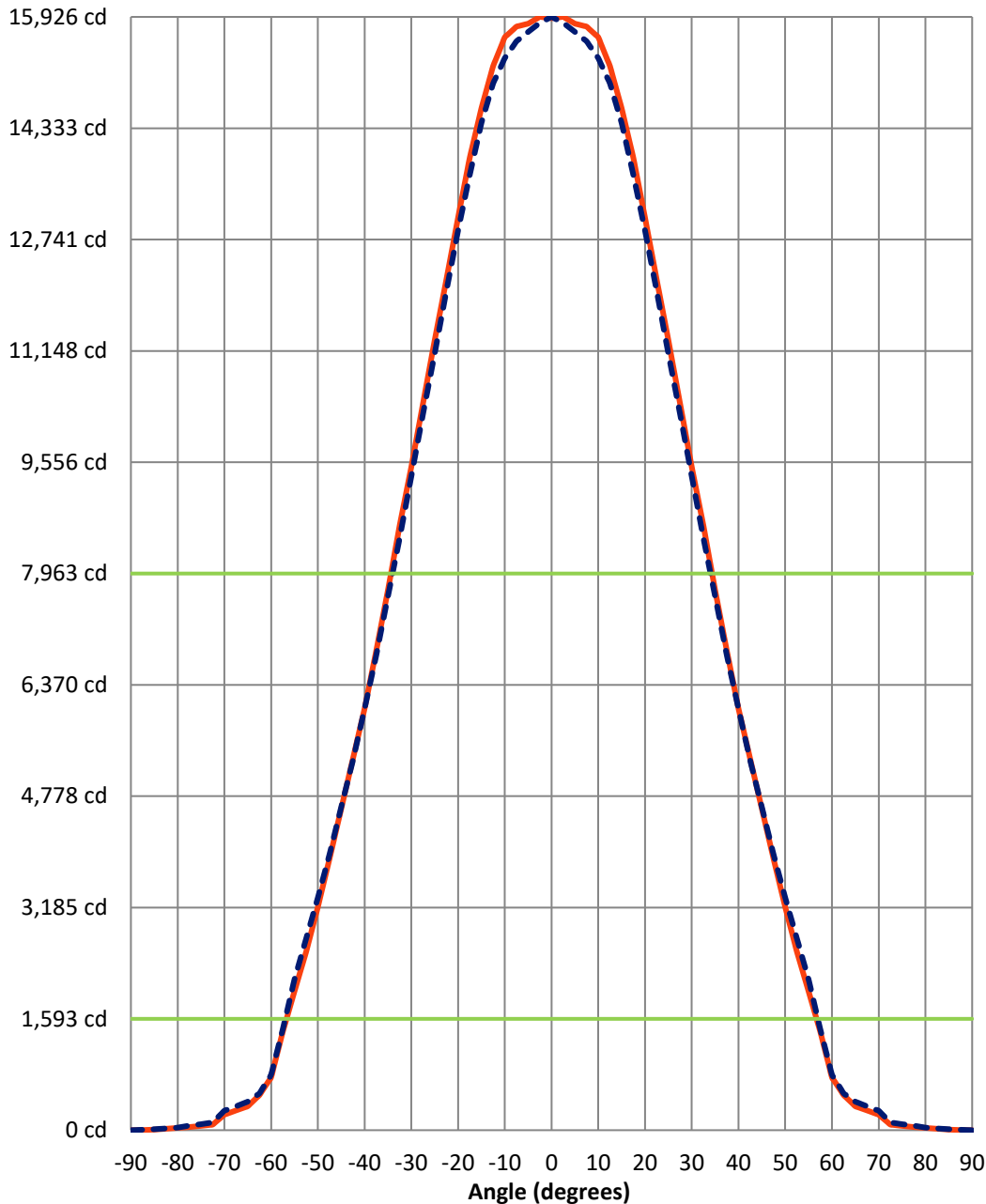
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 12923.4  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 20590.2  
Efficiency: 95.5%

**Spill:**  
Lumens: 964.2  
Efficiency: 4.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 2.5-Deg



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

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	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.7	9.8	13.1	16.5	20.1
77.5°	0.0	1.3	2.6	4.0	5.3	7.3	11.3	15.4	19.7	24.0	30.0
75°	0.0	1.6	3.2	4.7	6.5	10.5	15.8	20.9	26.6	35.5	44.3
72.5°	0.0	1.8	3.7	5.5	8.6	13.7	20.1	27.6	38.0	48.3	58.4
70°	0.0	2.1	4.2	6.3	10.7	16.7	24.7	37.5	49.3	61.1	77.8
67.5°	0.0	2.3	4.7	7.6	12.7	19.6	32.3	47.2	60.5	78.0	97.8
65°	0.0	2.6	5.2	8.8	14.6	23.4	39.3	56.8	74.2	94.4	116.7
62.5°	0.0	2.8	5.6	9.9	16.3	28.1	45.9	67.2	87.3	110.4	134.9
60°	0.0	3.0	6.1	10.9	18.0	32.3	51.9	77.5	99.8	127.7	153.1
57.5°	0.0	3.3	6.7	11.9	20.5	36.2	57.9	86.8	115.0	145.0	168.4
55°	0.0	3.5	7.3	12.8	22.8	39.6	63.3	94.0	130.9	161.3	182.2
52.5°	0.0	3.7	7.9	13.7	24.9	42.6	67.9	104.6	146.7	174.0	195.9
50°	0.0	3.9	8.4	14.4	26.6	45.4	71.8	114.6	161.1	186.6	210.5
47.5°	0.0	4.1	9.0	15.1	28.0	47.7	75.4	123.2	172.4	199.1	224.2
45°	0.0	4.3	9.5	15.9	29.2	49.4	81.4	130.5	177.3	210.5	237.0
42.5°	0.0	4.5	10.0	16.6	30.0	50.5	86.5	134.6	180.4	221.1	251.1
40°	0.0	4.7	10.5	17.3	30.5	51.1	90.6	136.2	182.4	229.9	265.1
37.5°	0.0	4.8	10.9	18.2	30.8	51.1	93.6	136.6	184.3	233.8	278.6
35°	0.0	5.0	11.3	19.0	30.7	52.2	95.6	135.9	186.2	242.4	292.0
32.5°	0.0	5.1	11.7	19.7	30.2	53.6	96.0	134.1	188.1	253.3	305.5
30°	0.0	5.3	12.1	20.4	29.5	54.3	94.2	132.1	189.9	266.3	318.1
27.5°	0.0	5.4	12.4	21.1	30.2	54.3	91.7	132.5	194.6	281.2	330.0
25°	0.0	5.5	12.8	21.7	31.1	53.7	88.3	132.6	204.7	293.0	341.3
22.5°	0.0	5.6	13.0	22.2	32.0	53.7	84.3	132.3	215.3	302.0	355.7
20°	0.0	5.7	13.3	22.7	32.8	56.2	79.6	131.5	226.3	310.1	368.5
17.5°	0.0	5.8	13.5	23.2	33.6	58.4	78.8	130.3	237.3	317.5	379.7
15°	0.0	5.9	13.7	23.5	34.3	60.3	80.4	129.7	248.1	323.9	389.2
12.5°	0.0	6.0	13.9	23.9	34.9	61.9	81.8	128.8	257.6	329.5	397.2
10°	0.0	6.0	14.1	24.1	35.5	63.2	83.1	126.2	265.5	333.7	403.1
7.5°	0.0	6.0	14.2	24.3	35.9	64.2	84.1	122.2	271.8	337.2	406.6
5°	0.0	6.1	14.2	24.5	36.3	64.9	85.0	117.0	276.3	339.7	408.4
2.5°	0.0	6.1	14.3	24.6	36.9	65.5	86.0	104.4	278.4	341.9	407.4
0°	0.0	6.1	14.3	24.6	36.9	65.5	86.0	104.4	278.4	341.9	407.4
-2.5°	0.0	6.1	14.3	24.6	36.7	65.4	85.6	111.0	278.6	341.3	408.6
-5°	0.0	6.1	14.2	24.5	36.3	64.9	85.0	117.0	276.3	339.7	408.4
-7.5°	0.0	6.0	14.2	24.3	35.9	64.2	84.1	122.2	271.8	337.2	406.6
-10°	0.0	6.0	14.1	24.1	35.5	63.2	83.1	126.2	265.5	333.7	403.1
-12.5°	0.0	6.0	13.9	23.9	34.9	61.9	81.8	128.8	257.6	329.5	397.2
-15°	0.0	5.9	13.7	23.5	34.3	60.3	80.4	129.7	248.1	323.9	389.2
-17.5°	0.0	5.8	13.5	23.2	33.6	58.4	78.8	130.3	237.3	317.5	379.7
-20°	0.0	5.7	13.3	22.7	32.8	56.2	79.6	131.5	226.3	310.1	368.5



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	13.0	22.2	32.0	53.7	84.3	132.3	215.3	302.0	355.7
-25°	0.0	5.5	12.8	21.7	31.1	53.7	88.3	132.6	204.7	293.0	341.3
-27.5°	0.0	5.4	12.4	21.1	30.2	54.3	91.7	132.5	194.6	281.2	330.0
-30°	0.0	5.3	12.1	20.4	29.5	54.3	94.2	132.1	189.9	266.3	318.1
-32.5°	0.0	5.1	11.7	19.7	30.2	53.6	96.0	134.1	188.1	253.3	305.5
-35°	0.0	5.0	11.3	19.0	30.7	52.2	95.6	135.9	186.2	242.4	292.0
-37.5°	0.0	4.8	10.9	18.2	30.8	51.1	93.6	136.6	184.3	233.8	278.6
-40°	0.0	4.7	10.5	17.3	30.5	51.1	90.6	136.2	182.4	229.9	265.1
-42.5°	0.0	4.5	10.0	16.6	30.0	50.5	86.5	134.6	180.4	221.1	251.1
-45°	0.0	4.3	9.5	15.9	29.2	49.4	81.4	130.5	177.3	210.5	237.0
-47.5°	0.0	4.1	9.0	15.1	28.0	47.7	75.4	123.2	172.4	199.1	224.2
-50°	0.0	3.9	8.4	14.4	26.6	45.4	71.8	114.6	161.1	186.6	210.5
-52.5°	0.0	3.7	7.9	13.7	24.9	42.6	67.9	104.6	146.7	174.0	195.9
-55°	0.0	3.5	7.3	12.8	22.8	39.6	63.3	94.0	130.9	161.3	182.2
-57.5°	0.0	3.3	6.7	11.9	20.5	36.2	57.9	86.8	115.0	145.0	168.4
-60°	0.0	3.0	6.1	10.9	18.0	32.3	51.9	77.5	99.8	127.7	153.1
-62.5°	0.0	2.8	5.6	9.9	16.3	28.1	45.9	67.2	87.3	110.4	134.9
-65°	0.0	2.6	5.2	8.8	14.6	23.4	39.3	56.8	74.2	94.4	116.7
-67.5°	0.0	2.3	4.7	7.6	12.7	19.6	32.3	47.2	60.5	78.0	97.8
-70°	0.0	2.1	4.2	6.3	10.7	16.7	24.7	37.5	49.3	61.1	77.8
-72.5°	0.0	1.8	3.7	5.5	8.6	13.7	20.1	27.6	38.0	48.3	58.4
-75°	0.0	1.6	3.2	4.7	6.5	10.5	15.8	20.9	26.6	35.5	44.3
-77.5°	0.0	1.3	2.6	4.0	5.3	7.3	11.3	15.4	19.7	24.0	30.0
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.7	9.8	13.1	16.5	20.1
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-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°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.6	10.9
82.5°	12.9	13.9	14.4	14.5	14.7	14.6	14.5	14.5	17.8	22.1	26.8
80°	21.8	22.7	26.1	29.8	31.8	31.7	30.1	26.8	31.8	39.7	49.3
77.5°	35.5	40.7	46.2	51.9	52.9	50.3	45.9	39.8	46.9	61.0	77.0
75°	51.7	58.8	66.8	72.8	72.9	68.5	62.8	61.6	73.5	90.6	104.7
72.5°	70.6	81.0	88.8	93.9	93.5	92.8	95.0	100.1	109.9	122.4	133.2
70°	93.5	103.9	109.7	112.3	113.4	119.1	127.5	133.9	140.9	153.2	164.6
67.5°	116.2	124.2	129.2	132.7	142.3	153.2	161.6	169.4	178.0	190.7	201.0
65°	136.4	144.6	151.8	162.4	176.3	186.6	196.8	207.2	222.1	236.2	244.7
62.5°	156.2	164.9	175.8	190.2	205.3	218.5	235.0	253.5	272.9	287.4	303.9
60°	171.6	183.9	199.3	216.5	234.5	256.0	277.1	298.8	318.7	338.1	362.5
57.5°	186.2	204.0	223.2	243.4	267.2	294.0	319.7	343.2	368.3	395.3	422.8
55°	202.1	225.4	246.8	270.8	300.0	333.9	362.6	390.4	420.4	465.8	505.5
52.5°	219.7	245.4	269.6	299.0	335.1	371.4	404.0	443.0	493.1	560.6	670.0
50°	236.2	263.8	292.1	330.1	369.2	407.4	454.6	508.9	609.3	735.1	955.4
47.5°	252.6	281.9	319.3	360.4	402.9	453.4	513.1	631.9	768.7	1082.1	1394.3
45°	268.9	303.7	345.1	391.6	442.4	505.7	629.9	776.3	1148.5	1509.0	1884.5
42.5°	284.8	325.6	372.8	422.4	488.8	603.3	763.3	1150.1	1553.1	1967.0	2327.5
40°	302.9	346.0	400.6	463.6	551.3	725.1	1084.4	1519.8	1974.0	2365.2	2715.8
37.5°	319.9	370.9	430.2	503.6	661.2	951.4	1414.2	1897.2	2337.1	2719.2	3093.8
35°	335.5	395.0	465.8	575.8	768.9	1247.1	1748.8	2240.0	2660.5	3068.5	3478.2
32.5°	353.8	418.3	499.9	671.3	1015.9	1532.7	2066.5	2534.6	2974.8	3409.9	3877.9
30°	374.1	447.3	547.4	762.5	1260.6	1810.1	2339.0	2817.1	3273.6	3756.8	4258.0
27.5°	393.2	475.2	626.2	939.3	1490.7	2069.2	2586.9	3078.9	3568.9	4083.4	4623.1
25°	410.5	501.7	700.1	1133.3	1712.8	2290.2	2814.9	3315.7	3844.7	4404.0	4971.8
22.5°	429.2	527.5	766.6	1309.8	1916.0	2486.9	3016.4	3547.2	4107.3	4700.0	5292.3
20°	449.3	582.7	876.2	1472.9	2100.6	2665.6	3197.2	3762.5	4352.9	4966.7	5592.4
17.5°	467.7	631.4	1007.2	1627.5	2255.8	2821.1	3359.9	3957.4	4566.5	5208.2	5867.2
15°	484.2	673.7	1122.5	1764.4	2387.5	2953.1	3518.6	4130.4	4756.4	5424.7	6109.2
12.5°	498.7	709.4	1221.7	1882.6	2498.7	3066.0	3652.0	4276.2	4925.6	5614.0	6327.3
10°	511.1	738.6	1304.1	1981.5	2589.1	3159.2	3759.0	4397.7	5060.2	5766.5	6503.2
7.5°	519.0	762.5	1369.3	2060.5	2658.8	3232.1	3839.8	4493.4	5158.8	5885.5	6636.2
5°	524.0	782.1	1416.5	2118.9	2709.6	3287.1	3897.9	4562.1	5222.0	5969.0	6725.7
2.5°	526.4	795.6	1445.2	2156.3	2741.5	3325.7	3946.0	4622.3	5288.5	6028.5	6794.9
0°	526.2	802.5	1455.6	2172.2	2753.6	3343.3	3969.7	4653.5	5331.2	6053.9	6842.1
-2.5°	526.4	795.6	1445.2	2156.3	2741.5	3325.7	3946.0	4622.3	5288.5	6028.5	6794.9
-5°	524.0	782.1	1416.5	2118.9	2709.6	3287.1	3897.9	4562.1	5222.0	5969.0	6725.7
-7.5°	519.0	762.5	1369.3	2060.5	2658.8	3232.1	3839.8	4493.4	5158.8	5885.5	6636.2
-10°	511.1	738.6	1304.1	1981.5	2589.1	3159.2	3759.0	4397.7	5060.2	5766.5	6503.2
-12.5°	498.7	709.4	1221.7	1882.6	2498.7	3066.0	3652.0	4276.2	4925.6	5614.0	6327.3
-15°	484.2	673.7	1122.5	1764.4	2387.5	2953.1	3518.6	4130.4	4756.4	5424.7	6109.2
-17.5°	467.7	631.4	1007.2	1627.5	2255.8	2821.1	3359.9	3957.4	4566.5	5208.2	5867.2
-20°	449.3	582.7	876.2	1472.9	2100.6	2665.6	3197.2	3762.5	4352.9	4966.7	5592.4



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	429.2	527.5	766.6	1309.8	1916.0	2486.9	3016.4	3547.2	4107.3	4700.0	5292.3
-25°	410.5	501.7	700.1	1133.3	1712.8	2290.2	2814.9	3315.7	3844.7	4404.0	4971.8
-27.5°	393.2	475.2	626.2	939.3	1490.7	2069.2	2586.9	3078.9	3568.9	4083.4	4623.1
-30°	374.1	447.3	547.4	762.5	1260.6	1810.1	2339.0	2817.1	3273.6	3756.8	4258.0
-32.5°	353.8	418.3	499.9	671.3	1015.9	1532.7	2066.5	2534.6	2974.8	3409.9	3877.9
-35°	335.5	395.0	465.8	575.8	768.9	1247.1	1748.8	2240.0	2660.5	3068.5	3478.2
-37.5°	319.9	370.9	430.2	503.6	661.2	951.4	1414.2	1897.2	2337.1	2719.2	3093.8
-40°	302.9	346.0	400.6	463.6	551.3	725.1	1084.4	1519.8	1974.0	2365.2	2715.8
-42.5°	284.8	325.6	372.8	422.4	488.8	603.3	763.3	1150.1	1553.1	1967.0	2327.5
-45°	268.9	303.7	345.1	391.6	442.4	505.7	629.9	776.3	1148.5	1509.0	1884.5
-47.5°	252.6	281.9	319.3	360.4	402.9	453.4	513.1	631.9	768.7	1082.1	1394.3
-50°	236.2	263.8	292.1	330.1	369.2	407.4	454.6	508.9	609.3	735.1	955.4
-52.5°	219.7	245.4	269.6	299.0	335.1	371.4	404.0	443.0	493.1	560.6	670.0
-55°	202.1	225.4	246.8	270.8	300.0	333.9	362.6	390.4	420.4	465.8	505.5
-57.5°	186.2	204.0	223.2	243.4	267.2	294.0	319.7	343.2	368.3	395.3	422.8
-60°	171.6	183.9	199.3	216.5	234.5	256.0	277.1	298.8	318.7	338.1	362.5
-62.5°	156.2	164.9	175.8	190.2	205.3	218.5	235.0	253.5	272.9	287.4	303.9
-65°	136.4	144.6	151.8	162.4	176.3	186.6	196.8	207.2	222.1	236.2	244.7
-67.5°	116.2	124.2	129.2	132.7	142.3	153.2	161.6	169.4	178.0	190.7	201.0
-70°	93.5	103.9	109.7	112.3	113.4	119.1	127.5	133.9	140.9	153.2	164.6
-72.5°	70.6	81.0	88.8	93.9	93.5	92.8	95.0	100.1	109.9	122.4	133.2
-75°	51.7	58.8	66.8	72.8	72.9	68.5	62.8	61.6	73.5	90.6	104.7
-77.5°	35.5	40.7	46.2	51.9	52.9	50.3	45.9	39.8	46.9	61.0	77.0
-80°	21.8	22.7	26.1	29.8	31.8	31.7	30.1	26.8	31.8	39.7	49.3
-82.5°	12.9	13.9	14.4	14.5	14.7	14.6	14.5	14.5	17.8	22.1	26.8
-85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.6	10.9
-87.5°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
-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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	12.4	12.2	11.8	11.2	10.4	10.7	11.1	11.3	11.6	10.9	10.0
82.5°	32.1	34.4	36.7	39.1	41.6	41.3	40.1	38.4	36.3	32.4	28.0
80°	60.2	65.8	69.5	72.6	74.9	72.6	69.1	65.1	60.6	53.8	46.5
77.5°	93.4	99.1	102.1	105.5	109.5	110.3	110.4	110.8	111.3	98.7	82.8
75°	116.0	123.5	129.7	135.1	139.9	142.3	143.9	145.4	146.8	130.2	108.4
72.5°	142.6	149.8	155.7	161.7	166.9	170.9	174.0	176.5	178.5	165.0	146.0
70°	173.6	180.9	187.7	193.8	199.7	205.1	210.0	214.5	218.6	219.4	220.4
67.5°	208.8	213.0	221.1	228.8	238.0	244.7	252.2	259.2	265.7	271.2	275.8
65°	252.2	267.7	283.3	291.0	291.6	301.4	316.7	325.2	327.7	329.6	334.5
62.5°	325.2	345.1	355.6	369.3	388.2	408.7	416.6	427.9	441.6	457.2	471.3
60°	383.1	400.1	425.4	451.2	474.1	494.9	545.4	590.2	628.6	661.7	693.5
57.5°	455.1	483.1	521.8	591.6	655.4	713.1	811.8	932.3	1039.6	1133.5	1216.1
55°	569.7	651.3	724.7	889.5	1065.5	1217.9	1360.6	1513.1	1637.2	1734.3	1824.1
52.5°	765.2	989.6	1217.0	1430.9	1641.3	1832.7	2004.5	2139.8	2245.3	2324.5	2399.5
50°	1225.0	1495.4	1772.4	2027.6	2234.2	2423.0	2601.9	2736.0	2848.2	2944.7	3030.3
47.5°	1726.3	2042.8	2304.6	2540.0	2762.7	2972.1	3167.7	3330.9	3469.2	3596.7	3702.8
45°	2225.1	2508.3	2776.8	3029.2	3271.5	3506.2	3716.7	3902.3	4085.2	4236.4	4355.9
42.5°	2647.0	2946.8	3232.3	3521.2	3792.1	4055.4	4309.6	4535.5	4729.7	4894.9	5027.8
40°	3051.9	3375.0	3714.2	4034.9	4356.6	4657.1	4938.7	5196.5	5417.8	5613.4	5778.9
37.5°	3463.9	3841.3	4213.9	4579.4	4933.9	5260.7	5583.9	5881.3	6140.6	6369.4	6561.6
35°	3898.8	4314.7	4720.2	5132.0	5519.1	5897.3	6254.6	6581.9	6869.1	7138.7	7370.4
32.5°	4334.5	4785.1	5241.7	5687.3	6116.0	6539.6	6931.5	7300.5	7640.0	7938.4	8185.8
30°	4758.7	5254.8	5743.3	6228.7	6718.1	7179.6	7613.7	8019.0	8387.3	8712.4	8993.5
27.5°	5165.7	5699.0	6223.0	6778.2	7310.0	7812.0	8283.6	8719.3	9130.5	9500.1	9819.2
25°	5542.3	6108.9	6719.6	7301.9	7871.0	8427.7	8944.3	9417.7	9887.8	10294.5	10640.9
22.5°	5898.2	6530.4	7173.4	7784.1	8412.0	9024.2	9602.5	10151.1	10653.2	11079.3	11448.7
20°	6236.5	6916.9	7579.4	8255.6	8935.6	9596.0	10232.9	10819.2	11349.6	11814.0	12230.6
17.5°	6556.2	7260.1	7964.2	8686.2	9420.6	10114.9	10789.6	11427.5	12006.6	12521.8	12991.4
15°	6832.6	7560.0	8313.9	9081.4	9849.4	10587.6	11303.7	11998.6	12650.1	13211.0	13684.6
12.5°	7067.6	7825.3	8622.8	9428.0	10237.6	11011.5	11770.5	12514.0	13206.6	13809.5	14295.8
10°	7262.4	8056.4	8889.4	9728.1	10558.4	11362.6	12151.9	12921.2	13665.1	14290.1	14789.5
7.5°	7424.8	8249.2	9101.5	9965.5	10803.3	11638.4	12461.7	13238.8	13971.7	14630.6	15143.9
5°	7546.1	8384.3	9254.6	10140.1	10990.8	11855.7	12703.4	13498.7	14224.3	14821.5	15240.4
2.5°	7636.4	8468.4	9353.9	10245.4	11107.3	12003.4	12869.2	13665.3	14408.0	14973.2	15336.0
0°	7697.9	8514.8	9444.2	10318.4	11194.7	12113.9	12969.7	13774.3	14519.5	15072.3	15446.9
-2.5°	7636.4	8468.4	9353.9	10245.4	11107.3	12003.4	12869.2	13665.3	14408.0	14973.2	15336.0
-5°	7546.1	8384.3	9254.6	10140.1	10990.8	11855.7	12703.4	13498.7	14224.3	14821.5	15240.4
-7.5°	7424.8	8249.2	9101.5	9965.5	10803.3	11638.4	12461.7	13238.8	13971.7	14630.6	15143.9
-10°	7262.4	8056.4	8889.4	9728.1	10558.4	11362.6	12151.9	12921.2	13665.1	14290.1	14789.5
-12.5°	7067.6	7825.3	8622.8	9428.0	10237.6	11011.5	11770.5	12514.0	13206.6	13809.5	14295.8
-15°	6832.6	7560.0	8313.9	9081.4	9849.4	10587.6	11303.7	11998.6	12650.1	13211.0	13684.6
-17.5°	6556.2	7260.1	7964.2	8686.2	9420.6	10114.9	10789.6	11427.5	12006.6	12521.8	12991.4
-20°	6236.5	6916.9	7579.4	8255.6	8935.6	9596.0	10232.9	10819.2	11349.6	11814.0	12230.6



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5898.2	6530.4	7173.4	7784.1	8412.0	9024.2	9602.5	10151.1	10653.2	11079.3	11448.7
-25°	5542.3	6108.9	6719.6	7301.9	7871.0	8427.7	8944.3	9417.7	9887.8	10294.5	10640.9
-27.5°	5165.7	5699.0	6223.0	6778.2	7310.0	7812.0	8283.6	8719.3	9130.5	9500.1	9819.2
-30°	4758.7	5254.8	5743.3	6228.7	6718.1	7179.6	7613.7	8019.0	8387.3	8712.4	8993.5
-32.5°	4334.5	4785.1	5241.7	5687.3	6116.0	6539.6	6931.5	7300.5	7640.0	7938.4	8185.8
-35°	3898.8	4314.7	4720.2	5132.0	5519.1	5897.3	6254.6	6581.9	6869.1	7138.7	7370.4
-37.5°	3463.9	3841.3	4213.9	4579.4	4933.9	5260.7	5583.9	5881.3	6140.6	6369.4	6561.6
-40°	3051.9	3375.0	3714.2	4034.9	4356.6	4657.1	4938.7	5196.5	5417.8	5613.4	5778.9
-42.5°	2647.0	2946.8	3232.3	3521.2	3792.1	4055.4	4309.6	4535.5	4729.7	4894.9	5027.8
-45°	2225.1	2508.3	2776.8	3029.2	3271.5	3506.2	3716.7	3902.3	4085.2	4236.4	4355.9
-47.5°	1726.3	2042.8	2304.6	2540.0	2762.7	2972.1	3167.7	3330.9	3469.2	3596.7	3702.8
-50°	1225.0	1495.4	1772.4	2027.6	2234.2	2423.0	2601.9	2736.0	2848.2	2944.7	3030.3
-52.5°	765.2	989.6	1217.0	1430.9	1641.3	1832.7	2004.5	2139.8	2245.3	2324.5	2399.5
-55°	569.7	651.3	724.7	889.5	1065.5	1217.9	1360.6	1513.1	1637.2	1734.3	1824.1
-57.5°	455.1	483.1	521.8	591.6	655.4	713.1	811.8	932.3	1039.6	1133.5	1216.1
-60°	383.1	400.1	425.4	451.2	474.1	494.9	545.4	590.2	628.6	661.7	693.5
-62.5°	325.2	345.1	355.6	369.3	388.2	408.7	416.6	427.9	441.6	457.2	471.3
-65°	252.2	267.7	283.3	291.0	291.6	301.4	316.7	325.2	327.7	329.6	334.5
-67.5°	208.8	213.0	221.1	228.8	238.0	244.7	252.2	259.2	265.7	271.2	275.8
-70°	173.6	180.9	187.7	193.8	199.7	205.1	210.0	214.5	218.6	219.4	220.4
-72.5°	142.6	149.8	155.7	161.7	166.9	170.9	174.0	176.5	178.5	165.0	146.0
-75°	116.0	123.5	129.7	135.1	139.9	142.3	143.9	145.4	146.8	130.2	108.4
-77.5°	93.4	99.1	102.1	105.5	109.5	110.3	110.4	110.8	111.3	98.7	82.8
-80°	60.2	65.8	69.5	72.6	74.9	72.6	69.1	65.1	60.6	53.8	46.5
-82.5°	32.1	34.4	36.7	39.1	41.6	41.3	40.1	38.4	36.3	32.4	28.0
-85°	12.4	12.2	11.8	11.2	10.4	10.7	11.1	11.3	11.6	10.9	10.0
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	9.1	8.2	8.2	8.2	8.2	8.2	9.1	10.0	10.9	11.6	11.3
82.5°	23.3	18.4	19.4	20.5	19.4	18.4	23.3	28.0	32.4	36.3	38.4
80°	38.7	30.8	31.7	32.8	31.7	30.8	38.7	46.5	53.8	60.6	65.1
77.5°	65.7	47.7	46.0	45.0	46.0	47.7	65.7	82.8	98.7	111.3	110.8
75°	85.8	62.7	61.3	61.4	61.3	62.7	85.8	108.4	130.2	146.8	145.4
72.5°	126.7	107.2	93.6	79.8	93.6	107.2	126.7	146.0	165.0	178.5	176.5
70°	222.8	225.5	224.4	221.1	224.4	225.5	222.8	220.4	219.4	218.6	214.5
67.5°	279.6	282.5	283.1	282.5	283.1	282.5	279.6	275.8	271.2	265.7	259.2
65°	337.8	339.8	341.3	341.9	341.3	339.8	337.8	334.5	329.6	327.7	325.2
62.5°	481.8	488.8	496.3	501.6	496.3	488.8	481.8	471.3	457.2	441.6	427.9
60°	721.4	744.4	754.6	755.5	754.6	744.4	721.4	693.5	661.7	628.6	590.2
57.5°	1282.2	1331.6	1375.6	1408.5	1375.6	1331.6	1282.2	1216.1	1133.5	1039.6	932.3
55°	1895.7	1948.2	1977.9	1985.9	1977.9	1948.2	1895.7	1824.1	1734.3	1637.2	1513.1
52.5°	2456.4	2491.4	2524.5	2553.0	2524.5	2491.4	2456.4	2399.5	2324.5	2245.3	2139.8
50°	3094.8	3133.8	3166.6	3191.8	3166.6	3133.8	3094.8	3030.3	2944.7	2848.2	2736.0
47.5°	3777.3	3825.0	3860.1	3883.7	3860.1	3825.0	3777.3	3702.8	3596.7	3469.2	3330.9
45°	4458.3	4539.9	4589.6	4598.3	4589.6	4539.9	4458.3	4355.9	4236.4	4085.2	3902.3
42.5°	5142.7	5221.0	5273.8	5312.8	5273.8	5221.0	5142.7	5027.8	4894.9	4729.7	4535.5
40°	5916.8	6015.1	6060.1	6031.4	6060.1	6015.1	5916.8	5778.9	5613.4	5417.8	5196.5
37.5°	6709.8	6810.8	6862.9	6860.5	6862.9	6810.8	6709.8	6561.6	6369.4	6140.6	5881.3
35°	7550.5	7675.8	7743.6	7726.5	7743.6	7675.8	7550.5	7370.4	7138.7	6869.1	6581.9
32.5°	8383.4	8534.8	8632.6	8647.8	8632.6	8534.8	8383.4	8185.8	7938.4	7640.0	7300.5
30°	9218.8	9382.5	9479.8	9489.3	9479.8	9382.5	9218.8	8993.5	8712.4	8387.3	8019.0
27.5°	10087.0	10270.1	10371.9	10396.2	10371.9	10270.1	10087.0	9819.2	9500.1	9130.5	8719.3
25°	10936.3	11139.5	11256.3	11301.1	11256.3	11139.5	10936.3	10640.9	10294.5	9887.8	9417.7
22.5°	11755.3	11978.2	12130.4	12169.2	12130.4	11978.2	11755.3	11448.7	11079.3	10653.2	10151.1
20°	12576.8	12839.7	13034.4	13053.6	13034.4	12839.7	12576.8	12230.6	11814.0	11349.6	10819.2
17.5°	13367.6	13652.2	13860.6	13911.5	13860.6	13652.2	13367.6	12991.4	12521.8	12006.6	11427.5
15°	14075.7	14374.4	14575.6	14619.8	14575.6	14374.4	14075.7	13684.6	13211.0	12650.1	11998.6
12.5°	14686.7	14962.1	15149.9	15221.7	15149.9	14962.1	14686.7	14295.8	13809.5	13206.6	12514.0
10°	15179.0	15391.6	15559.5	15635.3	15559.5	15391.6	15179.0	14789.5	14290.1	13665.1	12921.2
7.5°	15453.8	15628.7	15745.0	15786.8	15745.0	15628.7	15453.8	15143.9	14630.6	13971.7	13238.8
5°	15562.4	15730.1	15793.0	15829.8	15793.0	15730.1	15562.4	15240.4	14821.5	14224.3	13498.7
2.5°	15577.2	15711.5	15840.9	15926.0	15840.9	15711.5	15577.2	15336.0	14973.2	14408.0	13665.3
0°	15664.0	15795.0	15866.6	15907.6	15866.6	15795.0	15664.0	15446.9	15072.3	14519.5	13774.3
-2.5°	15577.2	15711.5	15840.9	15926.0	15840.9	15711.5	15577.2	15336.0	14973.2	14408.0	13665.3
-5°	15562.4	15730.1	15793.0	15829.8	15793.0	15730.1	15562.4	15240.4	14821.5	14224.3	13498.7
-7.5°	15453.8	15628.7	15745.0	15786.8	15745.0	15628.7	15453.8	15143.9	14630.6	13971.7	13238.8
-10°	15179.0	15391.6	15559.5	15635.3	15559.5	15391.6	15179.0	14789.5	14290.1	13665.1	12921.2
-12.5°	14686.7	14962.1	15149.9	15221.7	15149.9	14962.1	14686.7	14295.8	13809.5	13206.6	12514.0
-15°	14075.7	14374.4	14575.6	14619.8	14575.6	14374.4	14075.7	13684.6	13211.0	12650.1	11998.6
-17.5°	13367.6	13652.2	13860.6	13911.5	13860.6	13652.2	13367.6	12991.4	12521.8	12006.6	11427.5
-20°	12576.8	12839.7	13034.4	13053.6	13034.4	12839.7	12576.8	12230.6	11814.0	11349.6	10819.2



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11755.3	11978.2	12130.4	12169.2	12130.4	11978.2	11755.3	11448.7	11079.3	10653.2	10151.1
-25°	10936.3	11139.5	11256.3	11301.1	11256.3	11139.5	10936.3	10640.9	10294.5	9887.8	9417.7
-27.5°	10087.0	10270.1	10371.9	10396.2	10371.9	10270.1	10087.0	9819.2	9500.1	9130.5	8719.3
-30°	9218.8	9382.5	9479.8	9489.3	9479.8	9382.5	9218.8	8993.5	8712.4	8387.3	8019.0
-32.5°	8383.4	8534.8	8632.6	8647.8	8632.6	8534.8	8383.4	8185.8	7938.4	7640.0	7300.5
-35°	7550.5	7675.8	7743.6	7726.5	7743.6	7675.8	7550.5	7370.4	7138.7	6869.1	6581.9
-37.5°	6709.8	6810.8	6862.9	6860.5	6862.9	6810.8	6709.8	6561.6	6369.4	6140.6	5881.3
-40°	5916.8	6015.1	6060.1	6031.4	6060.1	6015.1	5916.8	5778.9	5613.4	5417.8	5196.5
-42.5°	5142.7	5221.0	5273.8	5312.8	5273.8	5221.0	5142.7	5027.8	4894.9	4729.7	4535.5
-45°	4458.3	4539.9	4589.6	4598.3	4589.6	4539.9	4458.3	4355.9	4236.4	4085.2	3902.3
-47.5°	3777.3	3825.0	3860.1	3883.7	3860.1	3825.0	3777.3	3702.8	3596.7	3469.2	3330.9
-50°	3094.8	3133.8	3166.6	3191.8	3166.6	3133.8	3094.8	3030.3	2944.7	2848.2	2736.0
-52.5°	2456.4	2491.4	2524.5	2553.0	2524.5	2491.4	2456.4	2399.5	2324.5	2245.3	2139.8
-55°	1895.7	1948.2	1977.9	1985.9	1977.9	1948.2	1895.7	1824.1	1734.3	1637.2	1513.1
-57.5°	1282.2	1331.6	1375.6	1408.5	1375.6	1331.6	1282.2	1216.1	1133.5	1039.6	932.3
-60°	721.4	744.4	754.6	755.5	754.6	744.4	721.4	693.5	661.7	628.6	590.2
-62.5°	481.8	488.8	496.3	501.6	496.3	488.8	481.8	471.3	457.2	441.6	427.9
-65°	337.8	339.8	341.3	341.9	341.3	339.8	337.8	334.5	329.6	327.7	325.2
-67.5°	279.6	282.5	283.1	282.5	283.1	282.5	279.6	275.8	271.2	265.7	259.2
-70°	222.8	225.5	224.4	221.1	224.4	225.5	222.8	220.4	219.4	218.6	214.5
-72.5°	126.7	107.2	93.6	79.8	93.6	107.2	126.7	146.0	165.0	178.5	176.5
-75°	85.8	62.7	61.3	61.4	61.3	62.7	85.8	108.4	130.2	146.8	145.4
-77.5°	65.7	47.7	46.0	45.0	46.0	47.7	65.7	82.8	98.7	111.3	110.8
-80°	38.7	30.8	31.7	32.8	31.7	30.8	38.7	46.5	53.8	60.6	65.1
-82.5°	23.3	18.4	19.4	20.5	19.4	18.4	23.3	28.0	32.4	36.3	38.4
-85°	9.1	8.2	8.2	8.2	8.2	8.2	9.1	10.0	10.9	11.6	11.3
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9
85°	11.1	10.7	10.4	11.2	11.8	12.2	12.4	10.9	9.6	8.4	7.5
82.5°	40.1	41.3	41.6	39.1	36.7	34.4	32.1	26.8	22.1	17.8	14.5
80°	69.1	72.6	74.9	72.6	69.5	65.8	60.2	49.3	39.7	31.8	26.8
77.5°	110.4	110.3	109.5	105.5	102.1	99.1	93.4	77.0	61.0	46.9	39.8
75°	143.9	142.3	139.9	135.1	129.7	123.5	116.0	104.7	90.6	73.5	61.6
72.5°	174.0	170.9	166.9	161.7	155.7	149.8	142.6	133.2	122.4	109.9	100.1
70°	210.0	205.1	199.7	193.8	187.7	180.9	173.6	164.6	153.2	140.9	133.9
67.5°	252.2	244.7	238.0	228.8	221.1	213.0	208.8	201.0	190.7	178.0	169.4
65°	316.7	301.4	291.6	291.0	283.3	267.7	252.2	244.7	236.2	222.1	207.2
62.5°	416.6	408.7	388.2	369.3	355.6	345.1	325.2	303.9	287.4	272.9	253.5
60°	545.4	494.9	474.1	451.2	425.4	400.1	383.1	362.5	338.1	318.7	298.8
57.5°	811.8	713.1	655.4	591.6	521.8	483.1	455.1	422.8	395.3	368.3	343.2
55°	1360.6	1217.9	1065.5	889.5	724.7	651.3	569.7	505.5	465.8	420.4	390.4
52.5°	2004.5	1832.7	1641.3	1430.9	1217.0	989.6	765.2	670.0	560.6	493.1	443.0
50°	2601.9	2423.0	2234.2	2027.6	1772.4	1495.4	1225.0	955.4	735.1	609.3	508.9
47.5°	3167.7	2972.1	2762.7	2540.0	2304.6	2042.8	1726.3	1394.3	1082.1	768.7	631.9
45°	3716.7	3506.2	3271.5	3029.2	2776.8	2508.3	2225.1	1884.5	1509.0	1148.5	776.3
42.5°	4309.6	4055.4	3792.1	3521.2	3232.3	2946.8	2647.0	2327.5	1967.0	1553.1	1150.1
40°	4938.7	4657.1	4356.6	4034.9	3714.2	3375.0	3051.9	2715.8	2365.2	1974.0	1519.8
37.5°	5583.9	5260.7	4933.9	4579.4	4213.9	3841.3	3463.9	3093.8	2719.2	2337.1	1897.2
35°	6254.6	5897.3	5519.1	5132.0	4720.2	4314.7	3898.8	3478.2	3068.5	2660.5	2240.0
32.5°	6931.5	6539.6	6116.0	5687.3	5241.7	4785.1	4334.5	3877.9	3409.9	2974.8	2534.6
30°	7613.7	7179.6	6718.1	6228.7	5743.3	5254.8	4758.7	4258.0	3756.8	3273.6	2817.1
27.5°	8283.6	7812.0	7310.0	6778.2	6223.0	5699.0	5165.7	4623.1	4083.4	3568.9	3078.9
25°	8944.3	8427.7	7871.0	7301.9	6719.6	6108.9	5542.3	4971.8	4404.0	3844.7	3315.7
22.5°	9602.5	9024.2	8412.0	7784.1	7173.4	6530.4	5898.2	5292.3	4700.0	4107.3	3547.2
20°	10232.9	9596.0	8935.6	8255.6	7579.4	6916.9	6236.5	5592.4	4966.7	4352.9	3762.5
17.5°	10789.6	10114.9	9420.6	8686.2	7964.2	7260.1	6556.2	5867.2	5208.2	4566.5	3957.4
15°	11303.7	10587.6	9849.4	9081.4	8313.9	7560.0	6832.6	6109.2	5424.7	4756.4	4130.4
12.5°	11770.5	11011.5	10237.6	9428.0	8622.8	7825.3	7067.6	6327.3	5614.0	4925.6	4276.2
10°	12151.9	11362.6	10558.4	9728.1	8889.4	8056.4	7262.4	6503.2	5766.5	5060.2	4397.7
7.5°	12461.7	11638.4	10803.3	9965.5	9101.5	8249.2	7424.8	6636.2	5885.5	5158.8	4493.4
5°	12703.4	11855.7	10990.8	10140.1	9254.6	8384.3	7546.1	6725.7	5969.0	5222.0	4562.1
2.5°	12869.2	12003.4	11107.3	10245.4	9353.9	8468.4	7636.4	6794.9	6028.5	5288.5	4622.3
0°	12969.7	12113.9	11194.7	10318.4	9444.2	8514.8	7697.9	6842.1	6053.9	5331.2	4653.5
-2.5°	12869.2	12003.4	11107.3	10245.4	9353.9	8468.4	7636.4	6794.9	6028.5	5288.5	4622.3
-5°	12703.4	11855.7	10990.8	10140.1	9254.6	8384.3	7546.1	6725.7	5969.0	5222.0	4562.1
-7.5°	12461.7	11638.4	10803.3	9965.5	9101.5	8249.2	7424.8	6636.2	5885.5	5158.8	4493.4
-10°	12151.9	11362.6	10558.4	9728.1	8889.4	8056.4	7262.4	6503.2	5766.5	5060.2	4397.7
-12.5°	11770.5	11011.5	10237.6	9428.0	8622.8	7825.3	7067.6	6327.3	5614.0	4925.6	4276.2
-15°	11303.7	10587.6	9849.4	9081.4	8313.9	7560.0	6832.6	6109.2	5424.7	4756.4	4130.4
-17.5°	10789.6	10114.9	9420.6	8686.2	7964.2	7260.1	6556.2	5867.2	5208.2	4566.5	3957.4
-20°	10232.9	9596.0	8935.6	8255.6	7579.4	6916.9	6236.5	5592.4	4966.7	4352.9	3762.5



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9602.5	9024.2	8412.0	7784.1	7173.4	6530.4	5898.2	5292.3	4700.0	4107.3	3547.2
-25°	8944.3	8427.7	7871.0	7301.9	6719.6	6108.9	5542.3	4971.8	4404.0	3844.7	3315.7
-27.5°	8283.6	7812.0	7310.0	6778.2	6223.0	5699.0	5165.7	4623.1	4083.4	3568.9	3078.9
-30°	7613.7	7179.6	6718.1	6228.7	5743.3	5254.8	4758.7	4258.0	3756.8	3273.6	2817.1
-32.5°	6931.5	6539.6	6116.0	5687.3	5241.7	4785.1	4334.5	3877.9	3409.9	2974.8	2534.6
-35°	6254.6	5897.3	5519.1	5132.0	4720.2	4314.7	3898.8	3478.2	3068.5	2660.5	2240.0
-37.5°	5583.9	5260.7	4933.9	4579.4	4213.9	3841.3	3463.9	3093.8	2719.2	2337.1	1897.2
-40°	4938.7	4657.1	4356.6	4034.9	3714.2	3375.0	3051.9	2715.8	2365.2	1974.0	1519.8
-42.5°	4309.6	4055.4	3792.1	3521.2	3232.3	2946.8	2647.0	2327.5	1967.0	1553.1	1150.1
-45°	3716.7	3506.2	3271.5	3029.2	2776.8	2508.3	2225.1	1884.5	1509.0	1148.5	776.3
-47.5°	3167.7	2972.1	2762.7	2540.0	2304.6	2042.8	1726.3	1394.3	1082.1	768.7	631.9
-50°	2601.9	2423.0	2234.2	2027.6	1772.4	1495.4	1225.0	955.4	735.1	609.3	508.9
-52.5°	2004.5	1832.7	1641.3	1430.9	1217.0	989.6	765.2	670.0	560.6	493.1	443.0
-55°	1360.6	1217.9	1065.5	889.5	724.7	651.3	569.7	505.5	465.8	420.4	390.4
-57.5°	811.8	713.1	655.4	591.6	521.8	483.1	455.1	422.8	395.3	368.3	343.2
-60°	545.4	494.9	474.1	451.2	425.4	400.1	383.1	362.5	338.1	318.7	298.8
-62.5°	416.6	408.7	388.2	369.3	355.6	345.1	325.2	303.9	287.4	272.9	253.5
-65°	316.7	301.4	291.6	291.0	283.3	267.7	252.2	244.7	236.2	222.1	207.2
-67.5°	252.2	244.7	238.0	228.8	221.1	213.0	208.8	201.0	190.7	178.0	169.4
-70°	210.0	205.1	199.7	193.8	187.7	180.9	173.6	164.6	153.2	140.9	133.9
-72.5°	174.0	170.9	166.9	161.7	155.7	149.8	142.6	133.2	122.4	109.9	100.1
-75°	143.9	142.3	139.9	135.1	129.7	123.5	116.0	104.7	90.6	73.5	61.6
-77.5°	110.4	110.3	109.5	105.5	102.1	99.1	93.4	77.0	61.0	46.9	39.8
-80°	69.1	72.6	74.9	72.6	69.5	65.8	60.2	49.3	39.7	31.8	26.8
-82.5°	40.1	41.3	41.6	39.1	36.7	34.4	32.1	26.8	22.1	17.8	14.5
-85°	11.1	10.7	10.4	11.2	11.8	12.2	12.4	10.9	9.6	8.4	7.5
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-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°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	1.8
85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
82.5°	14.5	14.6	14.7	14.5	14.4	13.9	12.9	11.5	9.0	6.6	5.5
80°	30.1	31.7	31.8	29.8	26.1	22.7	21.8	20.1	16.5	13.1	9.8
77.5°	45.9	50.3	52.9	51.9	46.2	40.7	35.5	30.0	24.0	19.7	15.4
75°	62.8	68.5	72.9	72.8	66.8	58.8	51.7	44.3	35.5	26.6	20.9
72.5°	95.0	92.8	93.5	93.9	88.8	81.0	70.6	58.4	48.3	38.0	27.6
70°	127.5	119.1	113.4	112.3	109.7	103.9	93.5	77.8	61.1	49.3	37.5
67.5°	161.6	153.2	142.3	132.7	129.2	124.2	116.2	97.8	78.0	60.5	47.2
65°	196.8	186.6	176.3	162.4	151.8	144.6	136.4	116.7	94.4	74.2	56.8
62.5°	235.0	218.5	205.3	190.2	175.8	164.9	156.2	134.9	110.4	87.3	67.2
60°	277.1	256.0	234.5	216.5	199.3	183.9	171.6	153.1	127.7	99.8	77.5
57.5°	319.7	294.0	267.2	243.4	223.2	204.0	186.2	168.4	145.0	115.0	86.8
55°	362.6	333.9	300.0	270.8	246.8	225.4	202.1	182.2	161.3	130.9	94.0
52.5°	404.0	371.4	335.1	299.0	269.6	245.4	219.7	195.9	174.0	146.7	104.6
50°	454.6	407.4	369.2	330.1	292.1	263.8	236.2	210.5	186.6	161.1	114.6
47.5°	513.1	453.4	402.9	360.4	319.3	281.9	252.6	224.2	199.1	172.4	123.2
45°	629.9	505.7	442.4	391.6	345.1	303.7	268.9	237.0	210.5	177.3	130.5
42.5°	763.3	603.3	488.8	422.4	372.8	325.6	284.8	251.1	221.1	180.4	134.6
40°	1084.4	725.1	551.3	463.6	400.6	346.0	302.9	265.1	229.9	182.4	136.2
37.5°	1414.2	951.4	661.2	503.6	430.2	370.9	319.9	278.6	233.8	184.3	136.6
35°	1748.8	1247.1	768.9	575.8	465.8	395.0	335.5	292.0	242.4	186.2	135.9
32.5°	2066.5	1532.7	1015.9	671.3	499.9	418.3	353.8	305.5	253.3	188.1	134.1
30°	2339.0	1810.1	1260.6	762.5	547.4	447.3	374.1	318.1	266.3	189.9	132.1
27.5°	2586.9	2069.2	1490.7	939.3	626.2	475.2	393.2	330.0	281.2	194.6	132.5
25°	2814.9	2290.2	1712.8	1133.3	700.1	501.7	410.5	341.3	293.0	204.7	132.6
22.5°	3016.4	2486.9	1916.0	1309.8	766.6	527.5	429.2	355.7	302.0	215.3	132.3
20°	3197.2	2665.6	2100.6	1472.9	876.2	582.7	449.3	368.5	310.1	226.3	131.5
17.5°	3359.9	2821.1	2255.8	1627.5	1007.2	631.4	467.7	379.7	317.5	237.3	130.3
15°	3518.6	2953.1	2387.5	1764.4	1122.5	673.7	484.2	389.2	323.9	248.1	129.7
12.5°	3652.0	3066.0	2498.7	1882.6	1221.7	709.4	498.7	397.2	329.5	257.6	128.8
10°	3759.0	3159.2	2589.1	1981.5	1304.1	738.6	511.1	403.1	333.7	265.5	126.2
7.5°	3839.8	3232.1	2658.8	2060.5	1369.3	762.5	519.0	406.6	337.2	271.8	122.2
5°	3897.9	3287.1	2709.6	2118.9	1416.5	782.1	524.0	408.4	339.7	276.3	117.0
2.5°	3946.0	3325.7	2741.5	2156.3	1445.2	795.6	526.4	408.6	341.3	278.6	111.0
0°	3969.7	3343.3	2753.6	2172.2	1455.6	802.5	526.2	407.4	341.9	278.4	104.4
-2.5°	3946.0	3325.7	2741.5	2156.3	1445.2	795.6	526.4	408.6	341.3	278.6	111.0
-5°	3897.9	3287.1	2709.6	2118.9	1416.5	782.1	524.0	408.4	339.7	276.3	117.0
-7.5°	3839.8	3232.1	2658.8	2060.5	1369.3	762.5	519.0	406.6	337.2	271.8	122.2
-10°	3759.0	3159.2	2589.1	1981.5	1304.1	738.6	511.1	403.1	333.7	265.5	126.2
-12.5°	3652.0	3066.0	2498.7	1882.6	1221.7	709.4	498.7	397.2	329.5	257.6	128.8
-15°	3518.6	2953.1	2387.5	1764.4	1122.5	673.7	484.2	389.2	323.9	248.1	129.7
-17.5°	3359.9	2821.1	2255.8	1627.5	1007.2	631.4	467.7	379.7	317.5	237.3	130.3
-20°	3197.2	2665.6	2100.6	1472.9	876.2	582.7	449.3	368.5	310.1	226.3	131.5



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3016.4	2486.9	1916.0	1309.8	766.6	527.5	429.2	355.7	302.0	215.3	132.3
-25°	2814.9	2290.2	1712.8	1133.3	700.1	501.7	410.5	341.3	293.0	204.7	132.6
-27.5°	2586.9	2069.2	1490.7	939.3	626.2	475.2	393.2	330.0	281.2	194.6	132.5
-30°	2339.0	1810.1	1260.6	762.5	547.4	447.3	374.1	318.1	266.3	189.9	132.1
-32.5°	2066.5	1532.7	1015.9	671.3	499.9	418.3	353.8	305.5	253.3	188.1	134.1
-35°	1748.8	1247.1	768.9	575.8	465.8	395.0	335.5	292.0	242.4	186.2	135.9
-37.5°	1414.2	951.4	661.2	503.6	430.2	370.9	319.9	278.6	233.8	184.3	136.6
-40°	1084.4	725.1	551.3	463.6	400.6	346.0	302.9	265.1	229.9	182.4	136.2
-42.5°	763.3	603.3	488.8	422.4	372.8	325.6	284.8	251.1	221.1	180.4	134.6
-45°	629.9	505.7	442.4	391.6	345.1	303.7	268.9	237.0	210.5	177.3	130.5
-47.5°	513.1	453.4	402.9	360.4	319.3	281.9	252.6	224.2	199.1	172.4	123.2
-50°	454.6	407.4	369.2	330.1	292.1	263.8	236.2	210.5	186.6	161.1	114.6
-52.5°	404.0	371.4	335.1	299.0	269.6	245.4	219.7	195.9	174.0	146.7	104.6
-55°	362.6	333.9	300.0	270.8	246.8	225.4	202.1	182.2	161.3	130.9	94.0
-57.5°	319.7	294.0	267.2	243.4	223.2	204.0	186.2	168.4	145.0	115.0	86.8
-60°	277.1	256.0	234.5	216.5	199.3	183.9	171.6	153.1	127.7	99.8	77.5
-62.5°	235.0	218.5	205.3	190.2	175.8	164.9	156.2	134.9	110.4	87.3	67.2
-65°	196.8	186.6	176.3	162.4	151.8	144.6	136.4	116.7	94.4	74.2	56.8
-67.5°	161.6	153.2	142.3	132.7	129.2	124.2	116.2	97.8	78.0	60.5	47.2
-70°	127.5	119.1	113.4	112.3	109.7	103.9	93.5	77.8	61.1	49.3	37.5
-72.5°	95.0	92.8	93.5	93.9	88.8	81.0	70.6	58.4	48.3	38.0	27.6
-75°	62.8	68.5	72.9	72.8	66.8	58.8	51.7	44.3	35.5	26.6	20.9
-77.5°	45.9	50.3	52.9	51.9	46.2	40.7	35.5	30.0	24.0	19.7	15.4
-80°	30.1	31.7	31.8	29.8	26.1	22.7	21.8	20.1	16.5	13.1	9.8
-82.5°	14.5	14.6	14.7	14.5	14.4	13.9	12.9	11.5	9.0	6.6	5.5
-85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
-87.5°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	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: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-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	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.7	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	11.3	7.3	5.3	4.0	2.6	1.3	0.0
75°	15.8	10.5	6.5	4.7	3.2	1.6	0.0
72.5°	20.1	13.7	8.6	5.5	3.7	1.8	0.0
70°	24.7	16.7	10.7	6.3	4.2	2.1	0.0
67.5°	32.3	19.6	12.7	7.6	4.7	2.3	0.0
65°	39.3	23.4	14.6	8.8	5.2	2.6	0.0
62.5°	45.9	28.1	16.3	9.9	5.6	2.8	0.0
60°	51.9	32.3	18.0	10.9	6.1	3.0	0.0
57.5°	57.9	36.2	20.5	11.9	6.7	3.3	0.0
55°	63.3	39.6	22.8	12.8	7.3	3.5	0.0
52.5°	67.9	42.6	24.9	13.7	7.9	3.7	0.0
50°	71.8	45.4	26.6	14.4	8.4	3.9	0.0
47.5°	75.4	47.7	28.0	15.1	9.0	4.1	0.0
45°	81.4	49.4	29.2	15.9	9.5	4.3	0.0
42.5°	86.5	50.5	30.0	16.6	10.0	4.5	0.0
40°	90.6	51.1	30.5	17.3	10.5	4.7	0.0
37.5°	93.6	51.1	30.8	18.2	10.9	4.8	0.0
35°	95.6	52.2	30.7	19.0	11.3	5.0	0.0
32.5°	96.0	53.6	30.2	19.7	11.7	5.1	0.0
30°	94.2	54.3	29.5	20.4	12.1	5.3	0.0
27.5°	91.7	54.3	30.2	21.1	12.4	5.4	0.0
25°	88.3	53.7	31.1	21.7	12.8	5.5	0.0
22.5°	84.3	53.7	32.0	22.2	13.0	5.6	0.0
20°	79.6	56.2	32.8	22.7	13.3	5.7	0.0
17.5°	78.8	58.4	33.6	23.2	13.5	5.8	0.0
15°	80.4	60.3	34.3	23.5	13.7	5.9	0.0
12.5°	81.8	61.9	34.9	23.9	13.9	6.0	0.0
10°	83.1	63.2	35.5	24.1	14.1	6.0	0.0
7.5°	84.1	64.2	35.9	24.3	14.2	6.0	0.0
5°	85.0	64.9	36.3	24.5	14.2	6.1	0.0
2.5°	85.6	65.4	36.7	24.6	14.3	6.1	0.0
0°	86.0	65.5	36.9	24.6	14.3	6.1	0.0
-2.5°	85.6	65.4	36.7	24.6	14.3	6.1	0.0
-5°	85.0	64.9	36.3	24.5	14.2	6.1	0.0
-7.5°	84.1	64.2	35.9	24.3	14.2	6.0	0.0
-10°	83.1	63.2	35.5	24.1	14.1	6.0	0.0
-12.5°	81.8	61.9	34.9	23.9	13.9	6.0	0.0
-15°	80.4	60.3	34.3	23.5	13.7	5.9	0.0
-17.5°	78.8	58.4	33.6	23.2	13.5	5.8	0.0
-20°	79.6	56.2	32.8	22.7	13.3	5.7	0.0



REPORT NUMBER: P559059 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	84.3	53.7	32.0	22.2	13.0	5.6	0.0
-25°	88.3	53.7	31.1	21.7	12.8	5.5	0.0
-27.5°	91.7	54.3	30.2	21.1	12.4	5.4	0.0
-30°	94.2	54.3	29.5	20.4	12.1	5.3	0.0
-32.5°	96.0	53.6	30.2	19.7	11.7	5.1	0.0
-35°	95.6	52.2	30.7	19.0	11.3	5.0	0.0
-37.5°	93.6	51.1	30.8	18.2	10.9	4.8	0.0
-40°	90.6	51.1	30.5	17.3	10.5	4.7	0.0
-42.5°	86.5	50.5	30.0	16.6	10.0	4.5	0.0
-45°	81.4	49.4	29.2	15.9	9.5	4.3	0.0
-47.5°	75.4	47.7	28.0	15.1	9.0	4.1	0.0
-50°	71.8	45.4	26.6	14.4	8.4	3.9	0.0
-52.5°	67.9	42.6	24.9	13.7	7.9	3.7	0.0
-55°	63.3	39.6	22.8	12.8	7.3	3.5	0.0
-57.5°	57.9	36.2	20.5	11.9	6.7	3.3	0.0
-60°	51.9	32.3	18.0	10.9	6.1	3.0	0.0
-62.5°	45.9	28.1	16.3	9.9	5.6	2.8	0.0
-65°	39.3	23.4	14.6	8.8	5.2	2.6	0.0
-67.5°	32.3	19.6	12.7	7.6	4.7	2.3	0.0
-70°	24.7	16.7	10.7	6.3	4.2	2.1	0.0
-72.5°	20.1	13.7	8.6	5.5	3.7	1.8	0.0
-75°	15.8	10.5	6.5	4.7	3.2	1.6	0.0
-77.5°	11.3	7.3	5.3	4.0	2.6	1.3	0.0
-80°	6.7	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)