

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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-940-U-TS-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

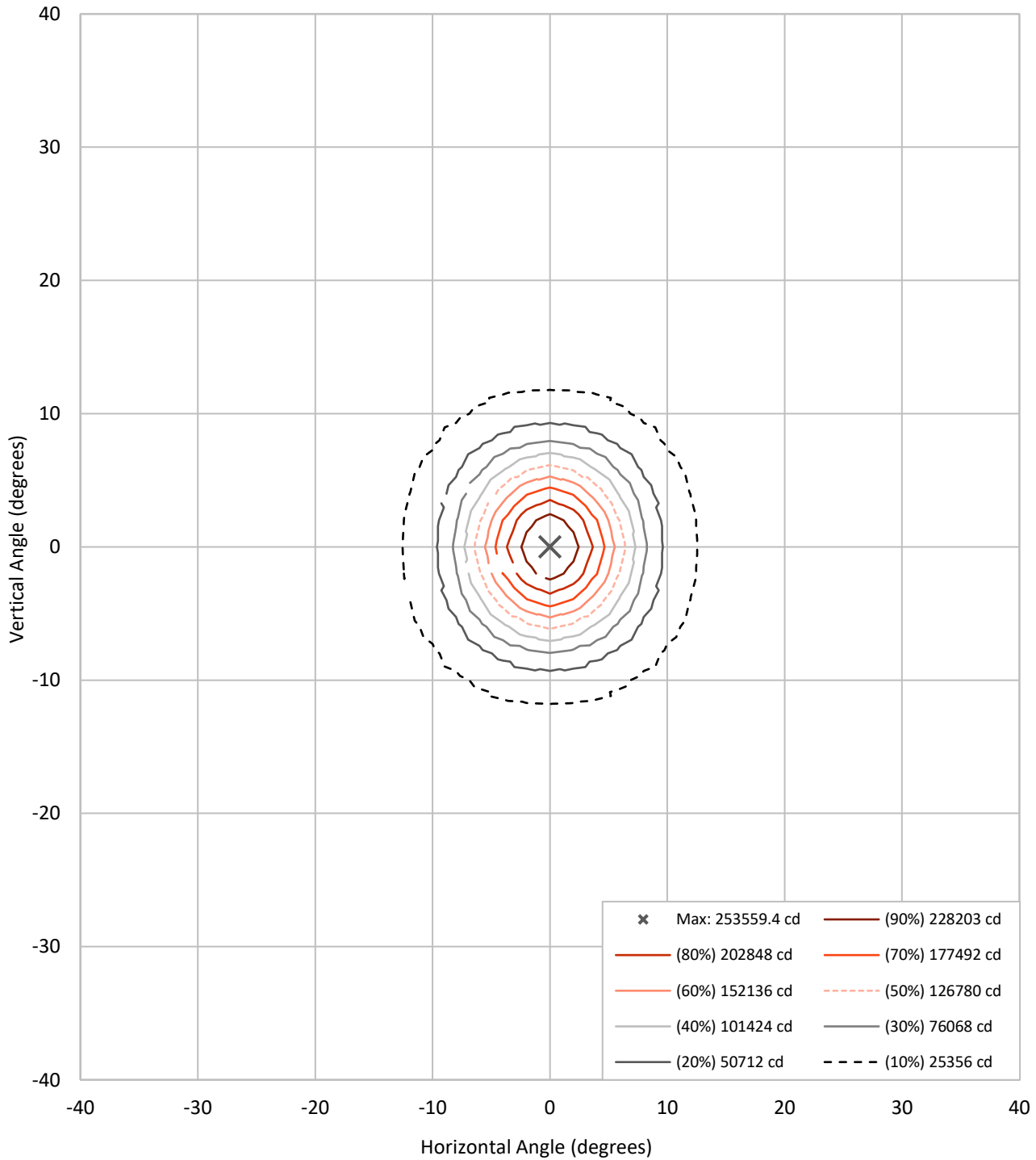
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	18379.7 lumens	Max Intensity:	253559.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5807.7 lumens	Field Lumens:	12866 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





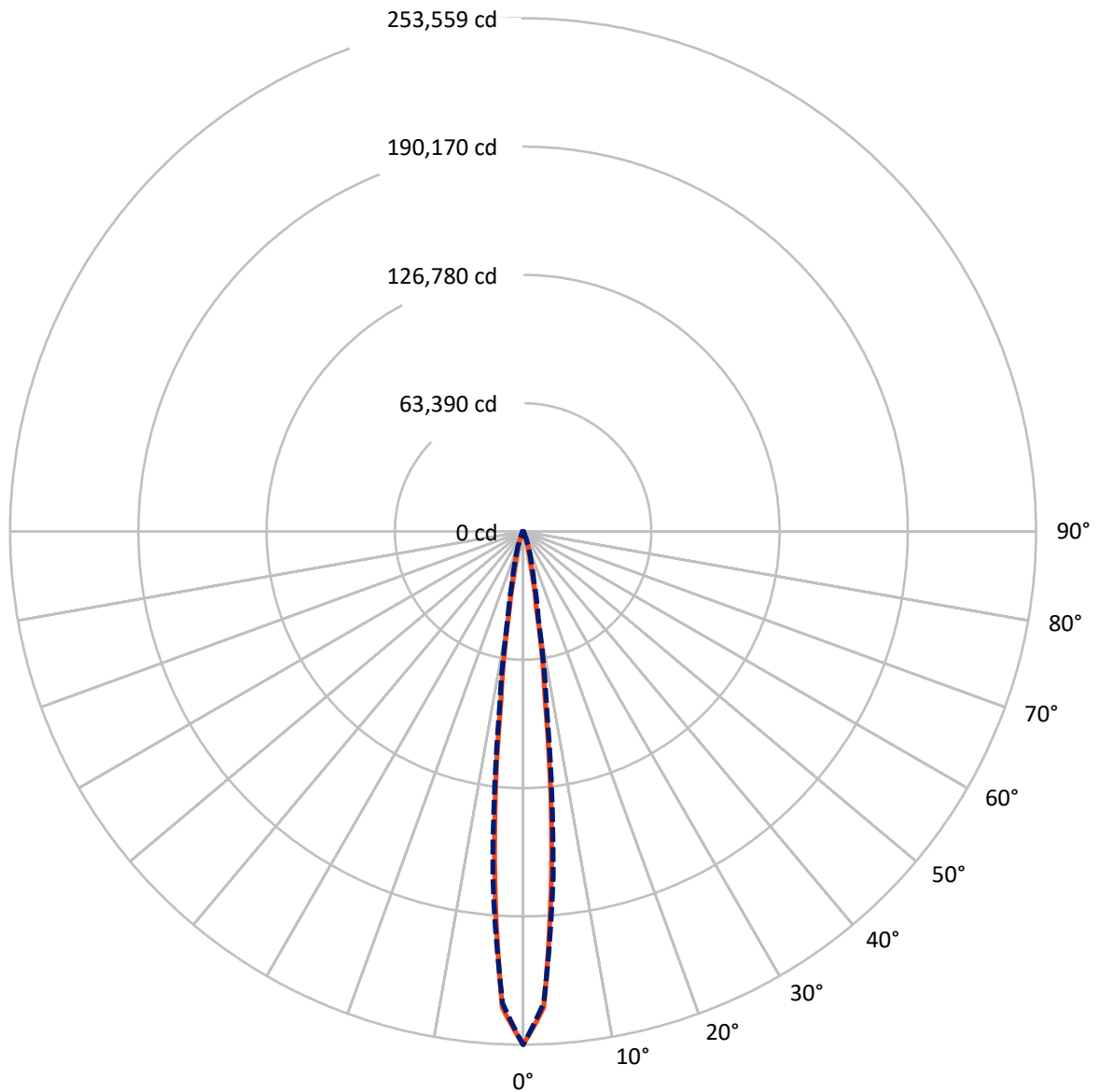
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### Lumen Table

90	0.3	2.1		5.9		9.5		11.0		9.5		5.9		2.1		0.3			
80	0.3	2.1		5.9		9.5		11.0		9.5		5.9		2.1		0.3			
70	1.0	1.1	2.4	3.9	5.4	6.6	7.5	8.0	8.0	7.5	6.6	5.4	3.9	2.4	1.1	1.0			
60		1.7	3.5	5.4	7.0	8.2	9.0	9.3	9.3	9.0	8.2	7.0	5.4	3.5	1.7				
50	1.8	2.3	4.4	6.2	7.8	9.2	10.2	10.7	10.7	10.2	9.2	7.8	6.2	4.4	2.3	1.8			
40		2.8	4.9	6.8	8.7	11.2	14.0	15.8	15.8	14.0	11.2	8.7	6.8	4.9	2.8				
30	2.4	3.0	5.2	7.2	10.2	15.9	35.3	64.1	64.1	35.3	15.9	10.2	7.2	5.2	3.0	2.4			
20		3.2	5.3	7.6	12.1	34.1	192.7	424.0	424.0	192.7	34.1	12.1	7.6	5.3	3.2				
10	2.6	3.3	5.4	7.8	13.4	65.5	462.7	2992.9	2992.9	462.7	65.5	13.4	7.8	5.4	3.3	2.6			
0		3.3	5.4	7.8	13.4	65.5	462.7	2992.9	2992.9	462.7	65.5	13.4	7.8	5.4	3.3				
-10	2.4	3.2	5.3	7.6	12.1	34.1	192.7	424.0	424.0	192.7	34.1	12.1	7.6	5.3	3.2	2.4			
-20		3.0	5.2	7.2	10.2	15.9	35.3	64.1	64.1	35.3	15.9	10.2	7.2	5.2	3.0				
-30	1.8	2.8	4.9	6.8	8.7	11.2	14.0	15.8	15.8	14.0	11.2	8.7	6.8	4.9	2.8	1.8			
-40		2.3	4.4	6.2	7.8	9.2	10.2	10.7	10.7	10.2	9.2	7.8	6.2	4.4	2.3				
-50	1.0	1.7	3.5	5.4	7.0	8.2	9.0	9.3	9.3	9.0	8.2	7.0	5.4	3.5	1.7	1.0			
-60		1.1	2.4	3.9	5.4	6.6	7.5	8.0	8.0	7.5	6.6	5.4	3.9	2.4	1.1				
-70	0.3	2.1		5.9		9.5		11.0		9.5		5.9		2.1		0.3			
-80		2.1		5.9		9.5		11.0		9.5		5.9		2.1					
-90	0.3	2.1		5.9		9.5		11.0		9.5		5.9		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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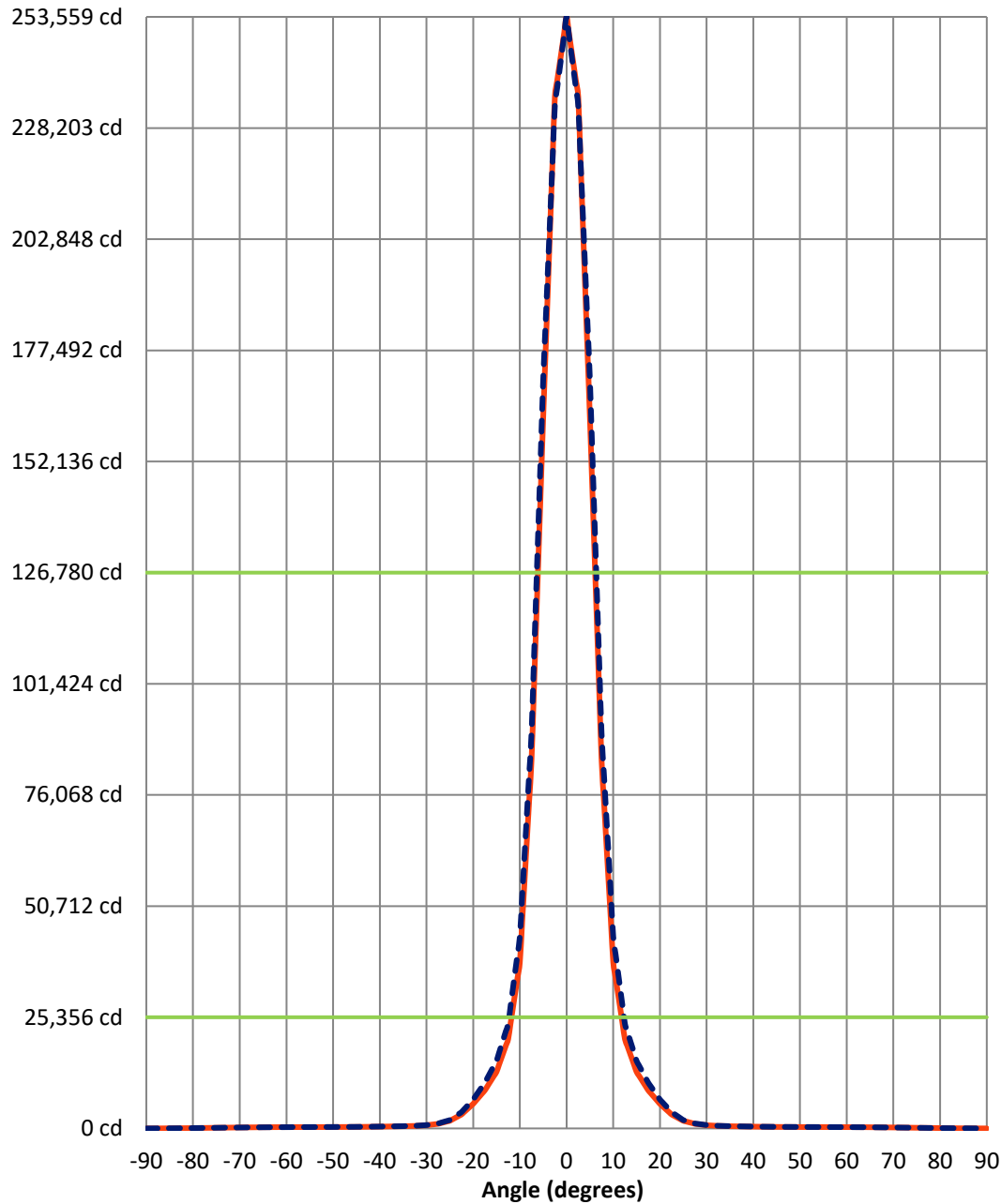
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 5807.7  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 12866  
Efficiency: 70.0%

**Spill:**  
Lumens: 5513.7  
Efficiency: 30.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.0
85°	0.0	1.2	2.4	3.5	4.4	5.3	6.2	7.1	8.1	9.1	10.0
82.5°	0.0	1.8	3.6	5.2	6.7	8.0	9.2	10.7	12.3	14.6	16.9
80°	0.0	2.4	4.8	6.9	8.9	10.7	12.5	15.3	18.4	21.5	24.7
77.5°	0.0	3.0	5.9	8.6	11.1	13.7	16.8	20.5	24.4	28.4	32.7
75°	0.0	3.5	7.1	10.3	13.4	17.3	21.2	25.6	30.4	35.9	41.1
72.5°	0.0	4.1	8.2	12.0	16.2	20.9	25.4	30.9	37.5	43.7	49.6
70°	0.0	4.7	9.4	13.7	19.1	24.4	29.8	37.2	44.5	51.4	61.0
67.5°	0.0	5.2	10.5	15.8	21.9	27.9	35.2	43.4	51.4	62.0	73.0
65°	0.0	5.8	11.6	17.9	24.6	31.8	40.5	49.4	60.4	72.3	84.9
62.5°	0.0	6.3	12.6	19.9	27.3	36.0	45.6	56.5	69.1	82.6	97.3
60°	0.0	6.8	13.7	21.9	29.9	40.1	50.6	63.8	77.6	93.5	109.5
57.5°	0.0	7.4	15.0	23.8	33.1	44.1	56.6	70.8	86.9	104.2	121.7
55°	0.0	7.9	16.2	25.7	36.2	48.0	62.5	77.8	96.1	114.7	133.9
52.5°	0.0	8.3	17.4	27.5	39.2	52.0	68.3	85.6	105.1	125.3	145.7
50°	0.0	8.8	18.5	29.3	42.1	56.6	73.9	93.3	113.9	135.6	157.4
47.5°	0.0	9.3	19.7	31.1	44.8	61.1	79.4	100.6	122.7	145.5	168.8
45°	0.0	9.7	20.7	33.1	47.5	65.4	85.4	107.7	131.3	155.5	179.9
42.5°	0.0	10.1	21.8	35.0	50.0	69.6	91.2	114.7	139.5	165.1	189.4
40°	0.0	10.5	22.7	36.7	52.8	73.5	96.6	121.5	147.5	174.4	198.3
37.5°	0.0	10.9	23.7	38.4	55.8	77.3	101.8	128.0	155.2	182.8	206.8
35°	0.0	11.2	24.5	39.9	58.6	81.1	106.6	134.2	162.5	189.8	214.5
32.5°	0.0	11.6	25.4	41.4	61.3	84.9	111.3	140.0	169.2	196.4	221.0
30°	0.0	11.9	26.1	42.7	63.7	88.4	115.9	145.4	175.5	202.6	227.1
27.5°	0.0	12.2	26.9	43.9	66.0	91.7	120.1	150.5	181.0	208.3	232.7
25°	0.0	12.4	27.5	45.0	68.1	94.7	124.0	155.1	185.6	213.2	237.9
22.5°	0.0	12.7	28.1	45.9	70.0	97.3	127.6	159.3	189.8	217.4	241.8
20°	0.0	12.9	28.6	46.8	71.7	99.8	130.8	163.0	193.6	221.1	245.3
17.5°	0.0	13.1	29.1	47.5	73.3	102.0	133.7	166.2	196.9	224.4	248.5
15°	0.0	13.2	29.5	48.2	74.6	103.9	136.3	169.0	199.7	227.2	251.3
12.5°	0.0	13.4	29.9	48.7	75.8	105.5	138.4	171.4	202.0	229.5	253.6
10°	0.0	13.5	30.2	49.1	76.8	106.8	140.2	173.2	203.9	231.4	255.5
7.5°	0.0	13.6	30.4	49.3	77.5	107.9	141.6	174.5	205.3	232.7	256.8
5°	0.0	13.6	30.6	49.5	78.1	108.6	142.6	175.4	206.2	233.6	257.6
2.5°	0.0	13.7	30.7	49.6	78.4	109.1	143.2	175.8	206.6	234.0	258.0
0°	0.0	13.7	30.7	49.5	78.5	109.2	143.4	175.8	206.5	233.9	257.8
-2.5°	0.0	13.7	30.7	49.6	78.4	109.1	143.2	175.8	206.6	234.0	258.0
-5°	0.0	13.6	30.6	49.5	78.1	108.6	142.6	175.4	206.2	233.6	257.6
-7.5°	0.0	13.6	30.4	49.3	77.5	107.9	141.6	174.5	205.3	232.7	256.8
-10°	0.0	13.5	30.2	49.1	76.8	106.8	140.2	173.2	203.9	231.4	255.5
-12.5°	0.0	13.4	29.9	48.7	75.8	105.5	138.4	171.4	202.0	229.5	253.6
-15°	0.0	13.2	29.5	48.2	74.6	103.9	136.3	169.0	199.7	227.2	251.3
-17.5°	0.0	13.1	29.1	47.5	73.3	102.0	133.7	166.2	196.9	224.4	248.5
-20°	0.0	12.9	28.6	46.8	71.7	99.8	130.8	163.0	193.6	221.1	245.3



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 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	28.1	45.9	70.0	97.3	127.6	159.3	189.8	217.4	241.8
-25°	0.0	12.4	27.5	45.0	68.1	94.7	124.0	155.1	185.6	213.2	237.9
-27.5°	0.0	12.2	26.9	43.9	66.0	91.7	120.1	150.5	181.0	208.3	232.7
-30°	0.0	11.9	26.1	42.7	63.7	88.4	115.9	145.4	175.5	202.6	227.1
-32.5°	0.0	11.6	25.4	41.4	61.3	84.9	111.3	140.0	169.2	196.4	221.0
-35°	0.0	11.2	24.5	39.9	58.6	81.1	106.6	134.2	162.5	189.8	214.5
-37.5°	0.0	10.9	23.7	38.4	55.8	77.3	101.8	128.0	155.2	182.8	206.8
-40°	0.0	10.5	22.7	36.7	52.8	73.5	96.6	121.5	147.5	174.4	198.3
-42.5°	0.0	10.1	21.8	35.0	50.0	69.6	91.2	114.7	139.5	165.1	189.4
-45°	0.0	9.7	20.7	33.1	47.5	65.4	85.4	107.7	131.3	155.5	179.9
-47.5°	0.0	9.3	19.7	31.1	44.8	61.1	79.4	100.6	122.7	145.5	168.8
-50°	0.0	8.8	18.5	29.3	42.1	56.6	73.9	93.3	113.9	135.6	157.4
-52.5°	0.0	8.3	17.4	27.5	39.2	52.0	68.3	85.6	105.1	125.3	145.7
-55°	0.0	7.9	16.2	25.7	36.2	48.0	62.5	77.8	96.1	114.7	133.9
-57.5°	0.0	7.4	15.0	23.8	33.1	44.1	56.6	70.8	86.9	104.2	121.7
-60°	0.0	6.8	13.7	21.9	29.9	40.1	50.6	63.8	77.6	93.5	109.5
-62.5°	0.0	6.3	12.6	19.9	27.3	36.0	45.6	56.5	69.1	82.6	97.3
-65°	0.0	5.8	11.6	17.9	24.6	31.8	40.5	49.4	60.4	72.3	84.9
-67.5°	0.0	5.2	10.5	15.8	21.9	27.9	35.2	43.4	51.4	62.0	73.0
-70°	0.0	4.7	9.4	13.7	19.1	24.4	29.8	37.2	44.5	51.4	61.0
-72.5°	0.0	4.1	8.2	12.0	16.2	20.9	25.4	30.9	37.5	43.7	49.6
-75°	0.0	3.5	7.1	10.3	13.4	17.3	21.2	25.6	30.4	35.9	41.1
-77.5°	0.0	3.0	5.9	8.6	11.1	13.7	16.8	20.5	24.4	28.4	32.7
-80°	0.0	2.4	4.8	6.9	8.9	10.7	12.5	15.3	18.4	21.5	24.7
-82.5°	0.0	1.8	3.6	5.2	6.7	8.0	9.2	10.7	12.3	14.6	16.9
-85°	0.0	1.2	2.4	3.5	4.4	5.3	6.2	7.1	8.1	9.1	10.0
-87.5°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4
85°	11.0	11.9	13.1	14.2	15.1	16.0	16.9	17.6	18.6	19.6	20.7
82.5°	18.8	20.4	21.8	23.0	24.3	25.4	26.7	28.7	31.3	33.7	36.0
80°	27.1	29.0	31.7	34.7	37.9	40.9	43.9	46.7	49.7	53.1	56.5
77.5°	36.4	40.2	44.5	49.1	53.5	58.6	63.7	69.0	73.7	77.9	81.5
75°	46.1	51.3	58.4	65.5	72.2	78.9	85.6	92.3	98.0	103.4	108.8
72.5°	57.3	65.9	74.3	82.5	91.3	99.6	107.5	114.9	122.2	129.5	136.4
70°	70.9	80.6	90.8	101.1	111.2	120.5	129.6	138.9	148.0	156.1	163.5
67.5°	84.3	96.0	107.8	119.4	130.4	141.0	151.8	162.4	172.6	181.2	188.9
65°	98.3	111.3	124.4	137.0	149.0	161.4	173.5	185.3	194.9	202.8	210.5
62.5°	111.9	126.6	140.8	154.6	168.2	181.8	193.5	204.0	213.9	222.5	230.8
60°	125.7	141.7	157.1	172.3	186.7	199.1	211.1	221.6	231.5	241.0	248.0
57.5°	139.4	156.6	173.3	189.0	202.7	215.5	227.0	238.1	246.7	254.3	262.0
55°	152.8	171.3	188.5	203.9	217.9	230.1	241.7	251.0	259.6	266.7	274.2
52.5°	165.9	185.3	202.3	217.9	231.3	243.4	253.7	262.9	270.8	278.2	284.3
50°	178.8	197.8	215.5	230.1	243.6	254.9	264.5	273.3	281.1	287.8	293.4
47.5°	190.3	209.9	226.6	241.6	254.3	265.1	274.3	282.8	290.5	296.4	301.9
45°	201.0	220.3	237.2	251.5	264.0	274.1	283.1	291.9	298.2	304.1	308.3
42.5°	211.3	229.9	246.4	261.3	272.1	282.0	291.2	298.7	305.3	310.4	315.0
40°	219.9	239.2	255.0	268.4	279.6	289.0	297.5	305.0	311.6	316.6	321.5
37.5°	228.1	246.7	262.8	275.3	285.8	295.0	303.4	310.5	316.9	322.2	328.9
35°	236.0	253.9	268.8	281.0	291.2	300.3	308.3	315.6	321.9	329.2	337.0
32.5°	242.7	260.7	274.4	285.6	295.7	305.0	313.0	320.3	327.6	335.9	345.5
30°	248.4	265.7	279.3	289.8	299.9	308.7	317.3	325.1	333.2	343.1	355.6
27.5°	253.6	270.2	282.9	293.5	303.5	311.9	320.8	329.8	339.2	350.7	366.5
25°	258.4	274.4	286.1	296.7	306.2	314.8	324.1	333.3	345.0	360.2	380.8
22.5°	262.3	278.3	288.9	299.7	308.4	317.5	327.0	337.3	350.5	369.0	395.9
20°	265.5	280.6	291.2	302.0	310.2	319.9	329.6	340.8	356.6	380.7	411.9
17.5°	268.3	282.6	293.2	303.3	312.0	321.9	331.9	343.5	361.6	391.6	426.5
15°	270.8	284.2	294.8	304.4	313.6	323.4	333.9	347.3	368.3	402.1	439.8
12.5°	273.0	285.5	296.0	305.3	314.8	324.5	335.6	350.4	375.4	411.9	452.9
10°	274.8	286.5	296.8	305.9	315.7	325.1	337.0	352.5	380.4	417.5	460.7
7.5°	275.9	287.3	297.4	306.2	316.2	325.2	337.9	353.6	383.5	420.4	464.9
5°	276.5	287.9	298.1	306.8	316.8	325.6	338.8	353.8	384.9	421.0	466.5
2.5°	276.7	288.4	298.6	307.2	317.3	326.8	340.3	355.6	386.0	423.0	467.5
0°	276.5	288.5	298.7	307.3	317.5	327.7	341.4	356.8	385.8	425.0	467.7
-2.5°	276.7	288.4	298.6	307.2	317.3	326.8	340.3	355.6	386.0	423.0	467.5
-5°	276.5	287.9	298.1	306.8	316.8	325.6	338.8	353.8	384.9	421.0	466.5
-7.5°	275.9	287.3	297.4	306.2	316.2	325.2	337.9	353.6	383.5	420.4	464.9
-10°	274.8	286.5	296.8	305.9	315.7	325.1	337.0	352.5	380.4	417.5	460.7
-12.5°	273.0	285.5	296.0	305.3	314.8	324.5	335.6	350.4	375.4	411.9	452.9
-15°	270.8	284.2	294.8	304.4	313.6	323.4	333.9	347.3	368.3	402.1	439.8
-17.5°	268.3	282.6	293.2	303.3	312.0	321.9	331.9	343.5	361.6	391.6	426.5
-20°	265.5	280.6	291.2	302.0	310.2	319.9	329.6	340.8	356.6	380.7	411.9



REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	262.3	278.3	288.9	299.7	308.4	317.5	327.0	337.3	350.5	369.0	395.9
-25°	258.4	274.4	286.1	296.7	306.2	314.8	324.1	333.3	345.0	360.2	380.8
-27.5°	253.6	270.2	282.9	293.5	303.5	311.9	320.8	329.8	339.2	350.7	366.5
-30°	248.4	265.7	279.3	289.8	299.9	308.7	317.3	325.1	333.2	343.1	355.6
-32.5°	242.7	260.7	274.4	285.6	295.7	305.0	313.0	320.3	327.6	335.9	345.5
-35°	236.0	253.9	268.8	281.0	291.2	300.3	308.3	315.6	321.9	329.2	337.0
-37.5°	228.1	246.7	262.8	275.3	285.8	295.0	303.4	310.5	316.9	322.2	328.9
-40°	219.9	239.2	255.0	268.4	279.6	289.0	297.5	305.0	311.6	316.6	321.5
-42.5°	211.3	229.9	246.4	261.3	272.1	282.0	291.2	298.7	305.3	310.4	315.0
-45°	201.0	220.3	237.2	251.5	264.0	274.1	283.1	291.9	298.2	304.1	308.3
-47.5°	190.3	209.9	226.6	241.6	254.3	265.1	274.3	282.8	290.5	296.4	301.9
-50°	178.8	197.8	215.5	230.1	243.6	254.9	264.5	273.3	281.1	287.8	293.4
-52.5°	165.9	185.3	202.3	217.9	231.3	243.4	253.7	262.9	270.8	278.2	284.3
-55°	152.8	171.3	188.5	203.9	217.9	230.1	241.7	251.0	259.6	266.7	274.2
-57.5°	139.4	156.6	173.3	189.0	202.7	215.5	227.0	238.1	246.7	254.3	262.0
-60°	125.7	141.7	157.1	172.3	186.7	199.1	211.1	221.6	231.5	241.0	248.0
-62.5°	111.9	126.6	140.8	154.6	168.2	181.8	193.5	204.0	213.9	222.5	230.8
-65°	98.3	111.3	124.4	137.0	149.0	161.4	173.5	185.3	194.9	202.8	210.5
-67.5°	84.3	96.0	107.8	119.4	130.4	141.0	151.8	162.4	172.6	181.2	188.9
-70°	70.9	80.6	90.8	101.1	111.2	120.5	129.6	138.9	148.0	156.1	163.5
-72.5°	57.3	65.9	74.3	82.5	91.3	99.6	107.5	114.9	122.2	129.5	136.4
-75°	46.1	51.3	58.4	65.5	72.2	78.9	85.6	92.3	98.0	103.4	108.8
-77.5°	36.4	40.2	44.5	49.1	53.5	58.6	63.7	69.0	73.7	77.9	81.5
-80°	27.1	29.0	31.7	34.7	37.9	40.9	43.9	46.7	49.7	53.1	56.5
-82.5°	18.8	20.4	21.8	23.0	24.3	25.4	26.7	28.7	31.3	33.7	36.0
-85°	11.0	11.9	13.1	14.2	15.1	16.0	16.9	17.6	18.6	19.6	20.7
-87.5°	5.5	5.9	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4
-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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-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°	9.7	9.7	9.6	9.4	9.2	9.4	9.6	9.7	9.9	10.0	10.0
85°	21.7	22.6	23.6	24.5	25.5	26.1	26.7	27.3	27.7	28.1	28.4
82.5°	38.2	40.1	41.9	43.5	44.9	46.1	47.2	48.1	48.9	49.6	50.2
80°	59.6	62.5	65.3	67.9	70.3	72.2	73.8	75.2	76.2	77.4	78.4
77.5°	85.2	89.3	93.2	96.7	99.9	102.6	104.9	106.9	108.5	110.6	112.5
75°	114.1	119.1	123.6	127.7	131.5	134.9	137.9	140.6	142.8	145.0	146.9
72.5°	143.0	149.0	154.2	158.6	162.7	166.6	170.4	173.9	177.2	179.7	181.5
70°	170.3	176.4	182.0	187.1	191.8	196.6	201.5	206.1	210.3	212.9	214.5
67.5°	195.3	201.5	207.9	214.1	219.7	224.8	229.7	234.2	238.3	241.1	242.8
65°	217.8	224.7	231.6	238.0	243.9	248.2	252.7	257.0	261.0	264.2	266.6
62.5°	238.9	245.7	251.5	256.9	262.0	266.3	270.7	274.7	278.1	281.2	284.0
60°	255.0	262.0	267.6	272.6	277.3	281.7	285.1	288.1	290.4	292.3	294.1
57.5°	268.9	275.4	281.1	285.3	289.5	293.6	296.6	298.4	299.8	300.9	301.6
55°	280.7	286.1	290.8	295.4	299.5	303.1	305.7	306.9	307.7	308.1	308.5
52.5°	290.3	295.5	300.4	304.7	308.0	311.0	313.6	314.3	314.7	314.9	315.0
50°	299.1	304.1	308.0	311.7	315.0	317.7	320.0	321.0	321.6	321.7	321.4
47.5°	306.1	310.5	314.8	318.6	321.9	325.1	327.6	329.0	330.1	330.6	330.5
45°	312.4	317.5	322.0	326.4	330.3	334.4	337.9	340.3	342.7	344.3	345.1
42.5°	319.7	324.8	329.9	335.9	341.6	346.9	352.7	357.8	363.1	368.7	372.6
40°	327.2	332.7	340.4	347.8	356.0	363.5	375.7	387.9	397.1	405.0	412.2
37.5°	335.7	343.7	353.0	362.5	376.0	389.9	405.3	420.4	433.6	445.5	455.0
35°	345.4	356.3	367.7	384.5	401.6	418.9	437.3	457.4	474.5	486.9	495.8
32.5°	357.4	371.0	389.3	410.9	431.9	454.3	476.5	498.9	515.7	533.0	550.5
30°	370.7	390.3	414.0	440.2	466.5	493.2	521.1	552.1	581.6	613.4	658.9
27.5°	387.6	411.6	439.4	470.4	502.0	533.8	582.5	635.8	715.0	778.2	885.6
25°	405.7	433.8	466.9	502.8	541.4	598.3	687.4	792.7	979.3	1124.0	1343.5
22.5°	425.9	458.9	495.5	536.7	599.0	706.4	858.8	1129.2	1505.4	1876.9	2290.1
20°	445.8	482.3	522.4	584.7	690.6	860.5	1190.5	1775.1	2428.0	3357.5	4137.8
17.5°	464.7	503.4	554.3	638.6	797.2	1138.7	1777.9	2779.2	4142.9	5641.3	6890.9
15°	481.2	520.9	589.3	723.0	990.9	1522.8	2487.8	4192.0	6483.2	8534.9	10364.8
12.5°	495.2	542.2	627.2	791.1	1159.0	1946.3	3494.4	5914.4	8712.3	11589.6	13905.4
10°	505.4	564.8	678.0	917.0	1426.2	2450.5	4333.5	7385.9	10754.8	14251.9	18438.3
7.5°	511.5	580.9	716.5	1010.5	1664.5	3011.8	5385.9	8699.8	12568.5	17342.4	23738.6
5°	515.9	591.9	744.9	1080.9	1823.7	3382.8	6050.4	9695.2	14133.3	21036.2	34199.9
2.5°	518.0	596.7	761.1	1119.5	1896.3	3573.6	6518.0	10265.2	15085.4	23641.9	41447.0
0°	517.2	594.0	763.0	1128.3	1906.7	3719.5	6595.8	10427.9	15407.2	23875.5	43770.3
-2.5°	518.0	596.7	761.1	1119.5	1896.3	3573.6	6518.0	10265.2	15085.4	23641.9	41447.0
-5°	515.9	591.9	744.9	1080.9	1823.7	3382.8	6050.4	9695.2	14133.3	21036.2	34199.9
-7.5°	511.5	580.9	716.5	1010.5	1664.5	3011.8	5385.9	8699.8	12568.5	17342.4	23738.6
-10°	505.4	564.8	678.0	917.0	1426.2	2450.5	4333.5	7385.9	10754.8	14251.9	18438.3
-12.5°	495.2	542.2	627.2	791.1	1159.0	1946.3	3494.4	5914.4	8712.3	11589.6	13905.4
-15°	481.2	520.9	589.3	723.0	990.9	1522.8	2487.8	4192.0	6483.2	8534.9	10364.8
-17.5°	464.7	503.4	554.3	638.6	797.2	1138.7	1777.9	2779.2	4142.9	5641.3	6890.9
-20°	445.8	482.3	522.4	584.7	690.6	860.5	1190.5	1775.1	2428.0	3357.5	4137.8



REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	425.9	458.9	495.5	536.7	599.0	706.4	858.8	1129.2	1505.4	1876.9	2290.1
-25°	405.7	433.8	466.9	502.8	541.4	598.3	687.4	792.7	979.3	1124.0	1343.5
-27.5°	387.6	411.6	439.4	470.4	502.0	533.8	582.5	635.8	715.0	778.2	885.6
-30°	370.7	390.3	414.0	440.2	466.5	493.2	521.1	552.1	581.6	613.4	658.9
-32.5°	357.4	371.0	389.3	410.9	431.9	454.3	476.5	498.9	515.7	533.0	550.5
-35°	345.4	356.3	367.7	384.5	401.6	418.9	437.3	457.4	474.5	486.9	495.8
-37.5°	335.7	343.7	353.0	362.5	376.0	389.9	405.3	420.4	433.6	445.5	455.0
-40°	327.2	332.7	340.4	347.8	356.0	363.5	375.7	387.9	397.1	405.0	412.2
-42.5°	319.7	324.8	329.9	335.9	341.6	346.9	352.7	357.8	363.1	368.7	372.6
-45°	312.4	317.5	322.0	326.4	330.3	334.4	337.9	340.3	342.7	344.3	345.1
-47.5°	306.1	310.5	314.8	318.6	321.9	325.1	327.6	329.0	330.1	330.6	330.5
-50°	299.1	304.1	308.0	311.7	315.0	317.7	320.0	321.0	321.6	321.7	321.4
-52.5°	290.3	295.5	300.4	304.7	308.0	311.0	313.6	314.3	314.7	314.9	315.0
-55°	280.7	286.1	290.8	295.4	299.5	303.1	305.7	306.9	307.7	308.1	308.5
-57.5°	268.9	275.4	281.1	285.3	289.5	293.6	296.6	298.4	299.8	300.9	301.6
-60°	255.0	262.0	267.6	272.6	277.3	281.7	285.1	288.1	290.4	292.3	294.1
-62.5°	238.9	245.7	251.5	256.9	262.0	266.3	270.7	274.7	278.1	281.2	284.0
-65°	217.8	224.7	231.6	238.0	243.9	248.2	252.7	257.0	261.0	264.2	266.6
-67.5°	195.3	201.5	207.9	214.1	219.7	224.8	229.7	234.2	238.3	241.1	242.8
-70°	170.3	176.4	182.0	187.1	191.8	196.6	201.5	206.1	210.3	212.9	214.5
-72.5°	143.0	149.0	154.2	158.6	162.7	166.6	170.4	173.9	177.2	179.7	181.5
-75°	114.1	119.1	123.6	127.7	131.5	134.9	137.9	140.6	142.8	145.0	146.9
-77.5°	85.2	89.3	93.2	96.7	99.9	102.6	104.9	106.9	108.5	110.6	112.5
-80°	59.6	62.5	65.3	67.9	70.3	72.2	73.8	75.2	76.2	77.4	78.4
-82.5°	38.2	40.1	41.9	43.5	44.9	46.1	47.2	48.1	48.9	49.6	50.2
-85°	21.7	22.6	23.6	24.5	25.5	26.1	26.7	27.3	27.7	28.1	28.4
-87.5°	9.7	9.7	9.6	9.4	9.2	9.4	9.6	9.7	9.9	10.0	10.0
-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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-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°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.7
85°	28.7	28.9	29.0	29.0	29.0	28.9	28.7	28.4	28.1	27.7	27.3
82.5°	50.6	50.9	51.1	51.2	51.1	50.9	50.6	50.2	49.6	48.9	48.1
80°	79.2	79.8	80.1	80.2	80.1	79.8	79.2	78.4	77.4	76.2	75.2
77.5°	114.1	115.4	115.9	116.1	115.9	115.4	114.1	112.5	110.6	108.5	106.9
75°	148.4	149.4	150.0	150.2	150.0	149.4	148.4	146.9	145.0	142.8	140.6
72.5°	182.7	183.5	185.0	186.1	185.0	183.5	182.7	181.5	179.7	177.2	173.9
70°	215.5	215.9	217.3	218.5	217.3	215.9	215.5	214.5	212.9	210.3	206.1
67.5°	244.0	244.8	244.8	244.1	244.8	244.8	244.0	242.8	241.1	238.3	234.2
65°	268.6	270.3	270.4	269.7	270.4	270.3	268.6	266.6	264.2	261.0	257.0
62.5°	286.6	289.0	290.0	290.2	290.0	289.0	286.6	284.0	281.2	278.1	274.7
60°	295.5	296.5	296.9	297.0	296.9	296.5	295.5	294.1	292.3	290.4	288.1
57.5°	302.0	302.0	302.0	302.1	302.0	302.0	302.0	301.6	300.9	299.8	298.4
55°	308.8	308.8	308.2	307.3	308.2	308.8	308.8	308.5	308.1	307.7	306.9
52.5°	314.7	314.2	313.4	312.4	313.4	314.2	314.7	315.0	314.9	314.7	314.3
50°	320.7	319.6	319.1	319.2	319.1	319.6	320.7	321.4	321.7	321.6	321.0
47.5°	330.2	329.5	329.2	329.4	329.2	329.5	330.2	330.5	330.6	330.1	329.0
45°	345.4	344.8	344.5	344.8	344.5	344.8	345.4	345.1	344.3	342.7	340.3
42.5°	374.7	375.0	374.8	375.5	374.8	375.0	374.7	372.6	368.7	363.1	357.8
40°	415.0	414.8	413.4	413.1	413.4	414.8	415.0	412.2	405.0	397.1	387.9
37.5°	459.0	459.0	457.6	457.5	457.6	459.0	459.0	455.0	445.5	433.6	420.4
35°	500.5	502.1	501.8	500.1	501.8	502.1	500.5	495.8	486.9	474.5	457.4
32.5°	562.8	572.4	577.4	575.3	577.4	572.4	562.8	550.5	533.0	515.7	498.9
30°	687.4	712.0	724.9	730.6	724.9	712.0	687.4	658.9	613.4	581.6	552.1
27.5°	962.4	1016.6	1041.0	1049.8	1041.0	1016.6	962.4	885.6	778.2	715.0	635.8
25°	1535.2	1657.8	1718.2	1737.7	1718.2	1657.8	1535.2	1343.5	1124.0	979.3	792.7
22.5°	2745.2	2981.2	3142.6	3178.4	3142.6	2981.2	2745.2	2290.1	1876.9	1505.4	1129.2
20°	4922.2	5378.7	5626.3	5604.0	5626.3	5378.7	4922.2	4137.8	3357.5	2428.0	1775.1
17.5°	7953.1	8538.4	8817.1	8686.8	8817.1	8538.4	7953.1	6890.9	5641.3	4142.9	2779.2
15°	11659.0	12449.7	12794.7	12901.3	12794.7	12449.7	11659.0	10364.8	8534.9	6483.2	4192.0
12.5°	16217.1	18809.4	20049.2	20381.3	20049.2	18809.4	16217.1	13905.4	11589.6	8712.3	5914.4
10°	22720.3	31434.2	36617.3	37882.9	36617.3	31434.2	22720.3	18438.3	14251.9	10754.8	7385.9
7.5°	37104.1	54811.6	74648.0	84041.3	74648.0	54811.6	37104.1	23738.6	17342.4	12568.5	8699.8
5°	56583.7	98205.6	144132.8	162137.2	144132.8	98205.6	56583.7	34199.9	21036.2	14133.3	9695.2
2.5°	80264.4	148282.9	211743.1	235399.8	211743.1	148282.9	80264.4	41447.0	23641.9	15085.4	10265.2
0°	90269.2	170953.7	233295.1	253559.4	233295.1	170953.7	90269.2	43770.3	23875.5	15407.2	10427.9
-2.5°	80264.4	148282.9	211743.1	235399.7	211743.1	148282.9	80264.4	41447.0	23641.9	15085.4	10265.2
-5°	56583.7	98205.6	144132.8	162137.2	144132.8	98205.6	56583.7	34199.9	21036.2	14133.3	9695.2
-7.5°	37104.1	54811.6	74648.0	84041.3	74648.0	54811.6	37104.1	23738.6	17342.4	12568.5	8699.8
-10°	22720.3	31434.2	36617.3	37882.9	36617.3	31434.2	22720.3	18438.3	14251.9	10754.8	7385.9
-12.5°	16217.1	18809.4	20049.2	20381.3	20049.2	18809.4	16217.1	13905.4	11589.6	8712.3	5914.4
-15°	11659.0	12449.7	12794.7	12901.3	12794.7	12449.7	11659.0	10364.8	8534.9	6483.2	4192.0
-17.5°	7953.1	8538.4	8817.1	8686.8	8817.1	8538.4	7953.1	6890.9	5641.3	4142.9	2779.2
-20°	4922.2	5378.7	5626.3	5604.0	5626.3	5378.7	4922.2	4137.8	3357.5	2428.0	1775.1



REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2745.2	2981.2	3142.6	3178.4	3142.6	2981.2	2745.2	2290.1	1876.9	1505.4	1129.2
-25°	1535.2	1657.8	1718.2	1737.7	1718.2	1657.8	1535.2	1343.5	1124.0	979.3	792.7
-27.5°	962.4	1016.6	1041.0	1049.8	1041.0	1016.6	962.4	885.6	778.2	715.0	635.8
-30°	687.4	712.0	724.9	730.6	724.9	712.0	687.4	658.9	613.4	581.6	552.1
-32.5°	562.8	572.4	577.4	575.3	577.4	572.4	562.8	550.5	533.0	515.7	498.9
-35°	500.5	502.1	501.8	500.1	501.8	502.1	500.5	495.8	486.9	474.5	457.4
-37.5°	459.0	459.0	457.6	457.5	457.6	459.0	459.0	455.0	445.5	433.6	420.4
-40°	415.0	414.8	413.4	413.1	413.4	414.8	415.0	412.2	405.0	397.1	387.9
-42.5°	374.7	375.0	374.8	375.5	374.8	375.0	374.7	372.6	368.7	363.1	357.8
-45°	345.4	344.8	344.5	344.8	344.5	344.8	345.4	345.1	344.3	342.7	340.3
-47.5°	330.2	329.5	329.2	329.4	329.2	329.5	330.2	330.5	330.6	330.1	329.0
-50°	320.7	319.6	319.1	319.2	319.1	319.6	320.7	321.4	321.7	321.6	321.0
-52.5°	314.7	314.2	313.4	312.4	313.4	314.2	314.7	315.0	314.9	314.7	314.3
-55°	308.8	308.8	308.2	307.3	308.2	308.8	308.8	308.5	308.1	307.7	306.9
-57.5°	302.0	302.0	302.0	302.1	302.0	302.0	302.0	301.6	300.9	299.8	298.4
-60°	295.5	296.5	296.9	297.0	296.9	296.5	295.5	294.1	292.3	290.4	288.1
-62.5°	286.6	289.0	290.0	290.2	290.0	289.0	286.6	284.0	281.2	278.1	274.7
-65°	268.6	270.3	270.4	269.7	270.4	270.3	268.6	266.6	264.2	261.0	257.0
-67.5°	244.0	244.8	244.8	244.1	244.8	244.8	244.0	242.8	241.1	238.3	234.2
-70°	215.5	215.9	217.3	218.5	217.3	215.9	215.5	214.5	212.9	210.3	206.1
-72.5°	182.7	183.5	185.0	186.1	185.0	183.5	182.7	181.5	179.7	177.2	173.9
-75°	148.4	149.4	150.0	150.2	150.0	149.4	148.4	146.9	145.0	142.8	140.6
-77.5°	114.1	115.4	115.9	116.1	115.9	115.4	114.1	112.5	110.6	108.5	106.9
-80°	79.2	79.8	80.1	80.2	80.1	79.8	79.2	78.4	77.4	76.2	75.2
-82.5°	50.6	50.9	51.1	51.2	51.1	50.9	50.6	50.2	49.6	48.9	48.1
-85°	28.7	28.9	29.0	29.0	29.0	28.9	28.7	28.4	28.1	27.7	27.3
-87.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.7
-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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-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°	9.6	9.4	9.2	9.4	9.6	9.7	9.7	9.4	9.1	8.8	8.4
85°	26.7	26.1	25.5	24.5	23.6	22.6	21.7	20.7	19.6	18.6	17.6
82.5°	47.2	46.1	44.9	43.5	41.9	40.1	38.2	36.0	33.7	31.3	28.7
80°	73.8	72.2	70.3	67.9	65.3	62.5	59.6	56.5	53.1	49.7	46.7
77.5°	104.9	102.6	99.9	96.7	93.2	89.3	85.2	81.5	77.9	73.7	69.0
75°	137.9	134.9	131.5	127.7	123.6	119.1	114.1	108.8	103.4	98.0	92.3
72.5°	170.4	166.6	162.7	158.6	154.2	149.0	143.0	136.4	129.5	122.2	114.9
70°	201.5	196.6	191.8	187.1	182.0	176.4	170.3	163.5	156.1	148.0	138.9
67.5°	229.7	224.8	219.7	214.1	207.9	201.5	195.3	188.9	181.2	172.6	162.4
65°	252.7	248.2	243.9	238.0	231.6	224.7	217.8	210.5	202.8	194.9	185.3
62.5°	270.7	266.3	262.0	256.9	251.5	245.7	238.9	230.8	222.5	213.9	204.0
60°	285.1	281.7	277.3	272.6	267.6	262.0	255.0	248.0	241.0	231.5	221.6
57.5°	296.6	293.6	289.5	285.3	281.1	275.4	268.9	262.0	254.3	246.7	238.1
55°	305.7	303.1	299.5	295.4	290.8	286.1	280.7	274.2	266.7	259.6	251.0
52.5°	313.6	311.0	308.0	304.7	300.4	295.5	290.3	284.3	278.2	270.8	262.9
50°	320.0	317.7	315.0	311.7	308.0	304.1	299.1	293.4	287.8	281.1	273.3
47.5°	327.6	325.1	321.9	318.6	314.8	310.5	306.1	301.9	296.4	290.5	282.8
45°	337.9	334.4	330.3	326.4	322.0	317.5	312.4	308.3	304.1	298.2	291.9
42.5°	352.7	346.9	341.6	335.9	329.9	324.8	319.7	315.0	310.4	305.3	298.7
40°	375.7	363.5	356.0	347.8	340.4	332.7	327.2	321.5	316.6	311.6	305.0
37.5°	405.3	389.9	376.0	362.5	353.0	343.7	335.7	328.9	322.2	316.9	310.5
35°	437.3	418.9	401.6	384.5	367.7	356.3	345.4	337.0	329.2	321.9	315.6
32.5°	476.5	454.3	431.9	410.9	389.3	371.0	357.4	345.5	335.9	327.6	320.3
30°	521.1	493.2	466.5	440.2	414.0	390.3	370.7	355.6	343.1	333.2	325.1
27.5°	582.5	533.8	502.0	470.4	439.4	411.6	387.6	366.5	350.7	339.2	329.8
25°	687.4	598.3	541.4	502.8	466.9	433.8	405.7	380.8	360.2	345.0	333.3
22.5°	858.8	706.4	599.0	536.7	495.5	458.9	425.9	395.9	369.0	350.5	337.3
20°	1190.5	860.5	690.6	584.7	522.4	482.3	445.8	411.9	380.7	356.6	340.8
17.5°	1777.9	1138.7	797.2	638.6	554.3	503.4	464.7	426.5	391.6	361.6	343.5
15°	2487.8	1522.8	990.9	723.0	589.3	520.9	481.2	439.8	402.1	368.3	347.3
12.5°	3494.4	1946.3	1159.0	791.1	627.2	542.2	495.2	452.9	411.9	375.4	350.4
10°	4333.5	2450.5	1426.2	917.0	678.0	564.8	505.4	460.7	417.5	380.4	352.5
7.5°	5385.9	3011.8	1664.5	1010.5	716.5	580.9	511.5	464.9	420.4	383.5	353.6
5°	6050.4	3382.8	1823.7	1080.9	744.9	591.9	515.9	466.5	421.0	384.9	353.8
2.5°	6518.0	3573.6	1896.3	1119.5	761.1	596.7	518.0	467.5	423.0	386.0	355.6
0°	6595.8	3719.5	1906.7	1128.3	763.0	594.0	517.2	467.7	425.0	385.8	356.8
-2.5°	6518.0	3573.6	1896.3	1119.5	761.1	596.7	518.0	467.5	423.0	386.0	355.6
-5°	6050.4	3382.8	1823.7	1080.9	744.9	591.9	515.9	466.5	421.0	384.9	353.8
-7.5°	5385.9	3011.8	1664.5	1010.5	716.5	580.9	511.5	464.9	420.4	383.5	353.6
-10°	4333.5	2450.5	1426.2	917.0	678.0	564.8	505.4	460.7	417.5	380.4	352.5
-12.5°	3494.4	1946.3	1159.0	791.1	627.2	542.2	495.2	452.9	411.9	375.4	350.4
-15°	2487.8	1522.8	990.9	723.0	589.3	520.9	481.2	439.8	402.1	368.3	347.3
-17.5°	1777.9	1138.7	797.2	638.6	554.3	503.4	464.7	426.5	391.6	361.6	343.5
-20°	1190.5	860.5	690.6	584.7	522.4	482.3	445.8	411.9	380.7	356.6	340.8





REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	858.8	706.4	599.0	536.7	495.5	458.9	425.9	395.9	369.0	350.5	337.3
-25°	687.4	598.3	541.4	502.8	466.9	433.8	405.7	380.8	360.2	345.0	333.3
-27.5°	582.5	533.8	502.0	470.4	439.4	411.6	387.6	366.5	350.7	339.2	329.8
-30°	521.1	493.2	466.5	440.2	414.0	390.3	370.7	355.6	343.1	333.2	325.1
-32.5°	476.5	454.3	431.9	410.9	389.3	371.0	357.4	345.5	335.9	327.6	320.3
-35°	437.3	418.9	401.6	384.5	367.7	356.3	345.4	337.0	329.2	321.9	315.6
-37.5°	405.3	389.9	376.0	362.5	353.0	343.7	335.7	328.9	322.2	316.9	310.5
-40°	375.7	363.5	356.0	347.8	340.4	332.7	327.2	321.5	316.6	311.6	305.0
-42.5°	352.7	346.9	341.6	335.9	329.9	324.8	319.7	315.0	310.4	305.3	298.7
-45°	337.9	334.4	330.3	326.4	322.0	317.5	312.4	308.3	304.1	298.2	291.9
-47.5°	327.6	325.1	321.9	318.6	314.8	310.5	306.1	301.9	296.4	290.5	282.8
-50°	320.0	317.7	315.0	311.7	308.0	304.1	299.1	293.4	287.8	281.1	273.3
-52.5°	313.6	311.0	308.0	304.7	300.4	295.5	290.3	284.3	278.2	270.8	262.9
-55°	305.7	303.1	299.5	295.4	290.8	286.1	280.7	274.2	266.7	259.6	251.0
-57.5°	296.6	293.6	289.5	285.3	281.1	275.4	268.9	262.0	254.3	246.7	238.1
-60°	285.1	281.7	277.3	272.6	267.6	262.0	255.0	248.0	241.0	231.5	221.6
-62.5°	270.7	266.3	262.0	256.9	251.5	245.7	238.9	230.8	222.5	213.9	204.0
-65°	252.7	248.2	243.9	238.0	231.6	224.7	217.8	210.5	202.8	194.9	185.3
-67.5°	229.7	224.8	219.7	214.1	207.9	201.5	195.3	188.9	181.2	172.6	162.4
-70°	201.5	196.6	191.8	187.1	182.0	176.4	170.3	163.5	156.1	148.0	138.9
-72.5°	170.4	166.6	162.7	158.6	154.2	149.0	143.0	136.4	129.5	122.2	114.9
-75°	137.9	134.9	131.5	127.7	123.6	119.1	114.1	108.8	103.4	98.0	92.3
-77.5°	104.9	102.6	99.9	96.7	93.2	89.3	85.2	81.5	77.9	73.7	69.0
-80°	73.8	72.2	70.3	67.9	65.3	62.5	59.6	56.5	53.1	49.7	46.7
-82.5°	47.2	46.1	44.9	43.5	41.9	40.1	38.2	36.0	33.7	31.3	28.7
-85°	26.7	26.1	25.5	24.5	23.6	22.6	21.7	20.7	19.6	18.6	17.6
-87.5°	9.6	9.4	9.2	9.4	9.6	9.7	9.7	9.4	9.1	8.8	8.4
-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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-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°	8.0	7.6	7.2	6.8	6.4	5.9	5.5	5.0	4.6	4.1	3.6
85°	16.9	16.0	15.1	14.2	13.1	11.9	11.0	10.0	9.1	8.1	7.1
82.5°	26.7	25.4	24.3	23.0	21.8	20.4	18.8	16.9	14.6	12.3	10.7
80°	43.9	40.9	37.9	34.7	31.7	29.0	27.1	24.7	21.5	18.4	15.3
77.5°	63.7	58.6	53.5	49.1	44.5	40.2	36.4	32.7	28.4	24.4	20.5
75°	85.6	78.9	72.2	65.5	58.4	51.3	46.1	41.1	35.9	30.4	25.6
72.5°	107.5	99.6	91.3	82.5	74.3	65.9	57.3	49.6	43.7	37.5	30.9
70°	129.6	120.5	111.2	101.1	90.8	80.6	70.9	61.0	51.4	44.5	37.2
67.5°	151.8	141.0	130.4	119.4	107.8	96.0	84.3	73.0	62.0	51.4	43.4
65°	173.5	161.4	149.0	137.0	124.4	111.3	98.3	84.9	72.3	60.4	49.4
62.5°	193.5	181.8	168.2	154.6	140.8	126.6	111.9	97.3	82.6	69.1	56.5
60°	211.1	199.1	186.7	172.3	157.1	141.7	125.7	109.5	93.5	77.6	63.8
57.5°	227.0	215.5	202.7	189.0	173.3	156.6	139.4	121.7	104.2	86.9	70.8
55°	241.7	230.1	217.9	203.9	188.5	171.3	152.8	133.9	114.7	96.1	77.8
52.5°	253.7	243.4	231.3	217.9	202.3	185.3	165.9	145.7	125.3	105.1	85.6
50°	264.5	254.9	243.6	230.1	215.5	197.8	178.8	157.4	135.6	113.9	93.3
47.5°	274.3	265.1	254.3	241.6	226.6	209.9	190.3	168.8	145.5	122.7	100.6
45°	283.1	274.1	264.0	251.5	237.2	220.3	201.0	179.9	155.5	131.3	107.7
42.5°	291.2	282.0	272.1	261.3	246.4	229.9	211.3	189.4	165.1	139.5	114.7
40°	297.5	289.0	279.6	268.4	255.0	239.2	219.9	198.3	174.4	147.5	121.5
37.5°	303.4	295.0	285.8	275.3	262.8	246.7	228.1	206.8	182.8	155.2	128.0
35°	308.3	300.3	291.2	281.0	268.8	253.9	236.0	214.5	189.8	162.5	134.2
32.5°	313.0	305.0	295.7	285.6	274.4	260.7	242.7	221.0	196.4	169.2	140.0
30°	317.3	308.7	299.9	289.8	279.3	265.7	248.4	227.1	202.6	175.5	145.4
27.5°	320.8	311.9	303.5	293.5	282.9	270.2	253.6	232.7	208.3	181.0	150.5
25°	324.1	314.8	306.2	296.7	286.1	274.4	258.4	237.9	213.2	185.6	155.1
22.5°	327.0	317.5	308.4	299.7	288.9	278.3	262.3	241.8	217.4	189.8	159.3
20°	329.6	319.9	310.2	302.0	291.2	280.6	265.5	245.3	221.1	193.6	163.0
17.5°	331.9	321.9	312.0	303.3	293.2	282.6	268.3	248.5	224.4	196.9	166.2
15°	333.9	323.4	313.6	304.4	294.8	284.2	270.8	251.3	227.2	199.7	169.0
12.5°	335.6	324.5	314.8	305.3	296.0	285.5	273.0	253.6	229.5	202.0	171.4
10°	337.0	325.1	315.7	305.9	296.8	286.5	274.8	255.5	231.4	203.9	173.2
7.5°	337.9	325.2	316.2	306.2	297.4	287.3	275.9	256.8	232.7	205.3	174.5
5°	338.8	325.6	316.8	306.8	298.1	287.9	276.5	257.6	233.6	206.2	175.4
2.5°	340.3	326.8	317.3	307.2	298.6	288.4	276.7	258.0	234.0	206.6	175.8
0°	341.4	327.7	317.5	307.3	298.7	288.5	276.5	257.8	233.9	206.5	175.8
-2.5°	340.3	326.8	317.3	307.2	298.6	288.4	276.7	258.0	234.0	206.6	175.8
-5°	338.8	325.6	316.8	306.8	298.1	287.9	276.5	257.6	233.6	206.2	175.4
-7.5°	337.9	325.2	316.2	306.2	297.4	287.3	275.9	256.8	232.7	205.3	174.5
-10°	337.0	325.1	315.7	305.9	296.8	286.5	274.8	255.5	231.4	203.9	173.2
-12.5°	335.6	324.5	314.8	305.3	296.0	285.5	273.0	253.6	229.5	202.0	171.4
-15°	333.9	323.4	313.6	304.4	294.8	284.2	270.8	251.3	227.2	199.7	169.0
-17.5°	331.9	321.9	312.0	303.3	293.2	282.6	268.3	248.5	224.4	196.9	166.2
-20°	329.6	319.9	310.2	302.0	291.2	280.6	265.5	245.3	221.1	193.6	163.0



REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	327.0	317.5	308.4	299.7	288.9	278.3	262.3	241.8	217.4	189.8	159.3
-25°	324.1	314.8	306.2	296.7	286.1	274.4	258.4	237.9	213.2	185.6	155.1
-27.5°	320.8	311.9	303.5	293.5	282.9	270.2	253.6	232.7	208.3	181.0	150.5
-30°	317.3	308.7	299.9	289.8	279.3	265.7	248.4	227.1	202.6	175.5	145.4
-32.5°	313.0	305.0	295.7	285.6	274.4	260.7	242.7	221.0	196.4	169.2	140.0
-35°	308.3	300.3	291.2	281.0	268.8	253.9	236.0	214.5	189.8	162.5	134.2
-37.5°	303.4	295.0	285.8	275.3	262.8	246.7	228.1	206.8	182.8	155.2	128.0
-40°	297.5	289.0	279.6	268.4	255.0	239.2	219.9	198.3	174.4	147.5	121.5
-42.5°	291.2	282.0	272.1	261.3	246.4	229.9	211.3	189.4	165.1	139.5	114.7
-45°	283.1	274.1	264.0	251.5	237.2	220.3	201.0	179.9	155.5	131.3	107.7
-47.5°	274.3	265.1	254.3	241.6	226.6	209.9	190.3	168.8	145.5	122.7	100.6
-50°	264.5	254.9	243.6	230.1	215.5	197.8	178.8	157.4	135.6	113.9	93.3
-52.5°	253.7	243.4	231.3	217.9	202.3	185.3	165.9	145.7	125.3	105.1	85.6
-55°	241.7	230.1	217.9	203.9	188.5	171.3	152.8	133.9	114.7	96.1	77.8
-57.5°	227.0	215.5	202.7	189.0	173.3	156.6	139.4	121.7	104.2	86.9	70.8
-60°	211.1	199.1	186.7	172.3	157.1	141.7	125.7	109.5	93.5	77.6	63.8
-62.5°	193.5	181.8	168.2	154.6	140.8	126.6	111.9	97.3	82.6	69.1	56.5
-65°	173.5	161.4	149.0	137.0	124.4	111.3	98.3	84.9	72.3	60.4	49.4
-67.5°	151.8	141.0	130.4	119.4	107.8	96.0	84.3	73.0	62.0	51.4	43.4
-70°	129.6	120.5	111.2	101.1	90.8	80.6	70.9	61.0	51.4	44.5	37.2
-72.5°	107.5	99.6	91.3	82.5	74.3	65.9	57.3	49.6	43.7	37.5	30.9
-75°	85.6	78.9	72.2	65.5	58.4	51.3	46.1	41.1	35.9	30.4	25.6
-77.5°	63.7	58.6	53.5	49.1	44.5	40.2	36.4	32.7	28.4	24.4	20.5
-80°	43.9	40.9	37.9	34.7	31.7	29.0	27.1	24.7	21.5	18.4	15.3
-82.5°	26.7	25.4	24.3	23.0	21.8	20.4	18.8	16.9	14.6	12.3	10.7
-85°	16.9	16.0	15.1	14.2	13.1	11.9	11.0	10.0	9.1	8.1	7.1
-87.5°	8.0	7.6	7.2	6.8	6.4	5.9	5.5	5.0	4.6	4.1	3.6
-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: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-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°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
85°	6.2	5.3	4.4	3.5	2.4	1.2	0.0
82.5°	9.2	8.0	6.7	5.2	3.6	1.8	0.0
80°	12.5	10.7	8.9	6.9	4.8	2.4	0.0
77.5°	16.8	13.7	11.1	8.6	5.9	3.0	0.0
75°	21.2	17.3	13.4	10.3	7.1	3.5	0.0
72.5°	25.4	20.9	16.2	12.0	8.2	4.1	0.0
70°	29.8	24.4	19.1	13.7	9.4	4.7	0.0
67.5°	35.2	27.9	21.9	15.8	10.5	5.2	0.0
65°	40.5	31.8	24.6	17.9	11.6	5.8	0.0
62.5°	45.6	36.0	27.3	19.9	12.6	6.3	0.0
60°	50.6	40.1	29.9	21.9	13.7	6.8	0.0
57.5°	56.6	44.1	33.1	23.8	15.0	7.4	0.0
55°	62.5	48.0	36.2	25.7	16.2	7.9	0.0
52.5°	68.3	52.0	39.2	27.5	17.4	8.3	0.0
50°	73.9	56.6	42.1	29.3	18.5	8.8	0.0
47.5°	79.4	61.1	44.8	31.1	19.7	9.3	0.0
45°	85.4	65.4	47.5	33.1	20.7	9.7	0.0
42.5°	91.2	69.6	50.0	35.0	21.8	10.1	0.0
40°	96.6	73.5	52.8	36.7	22.7	10.5	0.0
37.5°	101.8	77.3	55.8	38.4	23.7	10.9	0.0
35°	106.6	81.1	58.6	39.9	24.5	11.2	0.0
32.5°	111.3	84.9	61.3	41.4	25.4	11.6	0.0
30°	115.9	88.4	63.7	42.7	26.1	11.9	0.0
27.5°	120.1	91.7	66.0	43.9	26.9	12.2	0.0
25°	124.0	94.7	68.1	45.0	27.5	12.4	0.0
22.5°	127.6	97.3	70.0	45.9	28.1	12.7	0.0
20°	130.8	99.8	71.7	46.8	28.6	12.9	0.0
17.5°	133.7	102.0	73.3	47.5	29.1	13.1	0.0
15°	136.3	103.9	74.6	48.2	29.5	13.2	0.0
12.5°	138.4	105.5	75.8	48.7	29.9	13.4	0.0
10°	140.2	106.8	76.8	49.1	30.2	13.5	0.0
7.5°	141.6	107.9	77.5	49.3	30.4	13.6	0.0
5°	142.6	108.6	78.1	49.5	30.6	13.6	0.0
2.5°	143.2	109.1	78.4	49.6	30.7	13.7	0.0
0°	143.4	109.2	78.5	49.5	30.7	13.7	0.0
-2.5°	143.2	109.1	78.4	49.6	30.7	13.7	0.0
-5°	142.6	108.6	78.1	49.5	30.6	13.6	0.0
-7.5°	141.6	107.9	77.5	49.3	30.4	13.6	0.0
-10°	140.2	106.8	76.8	49.1	30.2	13.5	0.0
-12.5°	138.4	105.5	75.8	48.7	29.9	13.4	0.0
-15°	136.3	103.9	74.6	48.2	29.5	13.2	0.0
-17.5°	133.7	102.0	73.3	47.5	29.1	13.1	0.0
-20°	130.8	99.8	71.7	46.8	28.6	12.9	0.0



REPORT NUMBER: P559032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	127.6	97.3	70.0	45.9	28.1	12.7	0.0
-25°	124.0	94.7	68.1	45.0	27.5	12.4	0.0
-27.5°	120.1	91.7	66.0	43.9	26.9	12.2	0.0
-30°	115.9	88.4	63.7	42.7	26.1	11.9	0.0
-32.5°	111.3	84.9	61.3	41.4	25.4	11.6	0.0
-35°	106.6	81.1	58.6	39.9	24.5	11.2	0.0
-37.5°	101.8	77.3	55.8	38.4	23.7	10.9	0.0
-40°	96.6	73.5	52.8	36.7	22.7	10.5	0.0
-42.5°	91.2	69.6	50.0	35.0	21.8	10.1	0.0
-45°	85.4	65.4	47.5	33.1	20.7	9.7	0.0
-47.5°	79.4	61.1	44.8	31.1	19.7	9.3	0.0
-50°	73.9	56.6	42.1	29.3	18.5	8.8	0.0
-52.5°	68.3	52.0	39.2	27.5	17.4	8.3	0.0
-55°	62.5	48.0	36.2	25.7	16.2	7.9	0.0
-57.5°	56.6	44.1	33.1	23.8	15.0	7.4	0.0
-60°	50.6	40.1	29.9	21.9	13.7	6.8	0.0
-62.5°	45.6	36.0	27.3	19.9	12.6	6.3	0.0
-65°	40.5	31.8	24.6	17.9	11.6	5.8	0.0
-67.5°	35.2	27.9	21.9	15.8	10.5	5.2	0.0
-70°	29.8	24.4	19.1	13.7	9.4	4.7	0.0
-72.5°	25.4	20.9	16.2	12.0	8.2	4.1	0.0
-75°	21.2	17.3	13.4	10.3	7.1	3.5	0.0
-77.5°	16.8	13.7	11.1	8.6	5.9	3.0	0.0
-80°	12.5	10.7	8.9	6.9	4.8	2.4	0.0
-82.5°	9.2	8.0	6.7	5.2	3.6	1.8	0.0
-85°	6.2	5.3	4.4	3.5	2.4	1.2	0.0
-87.5°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)