

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: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-AMB-U-NAT-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-AMB-U-NAT-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (80) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

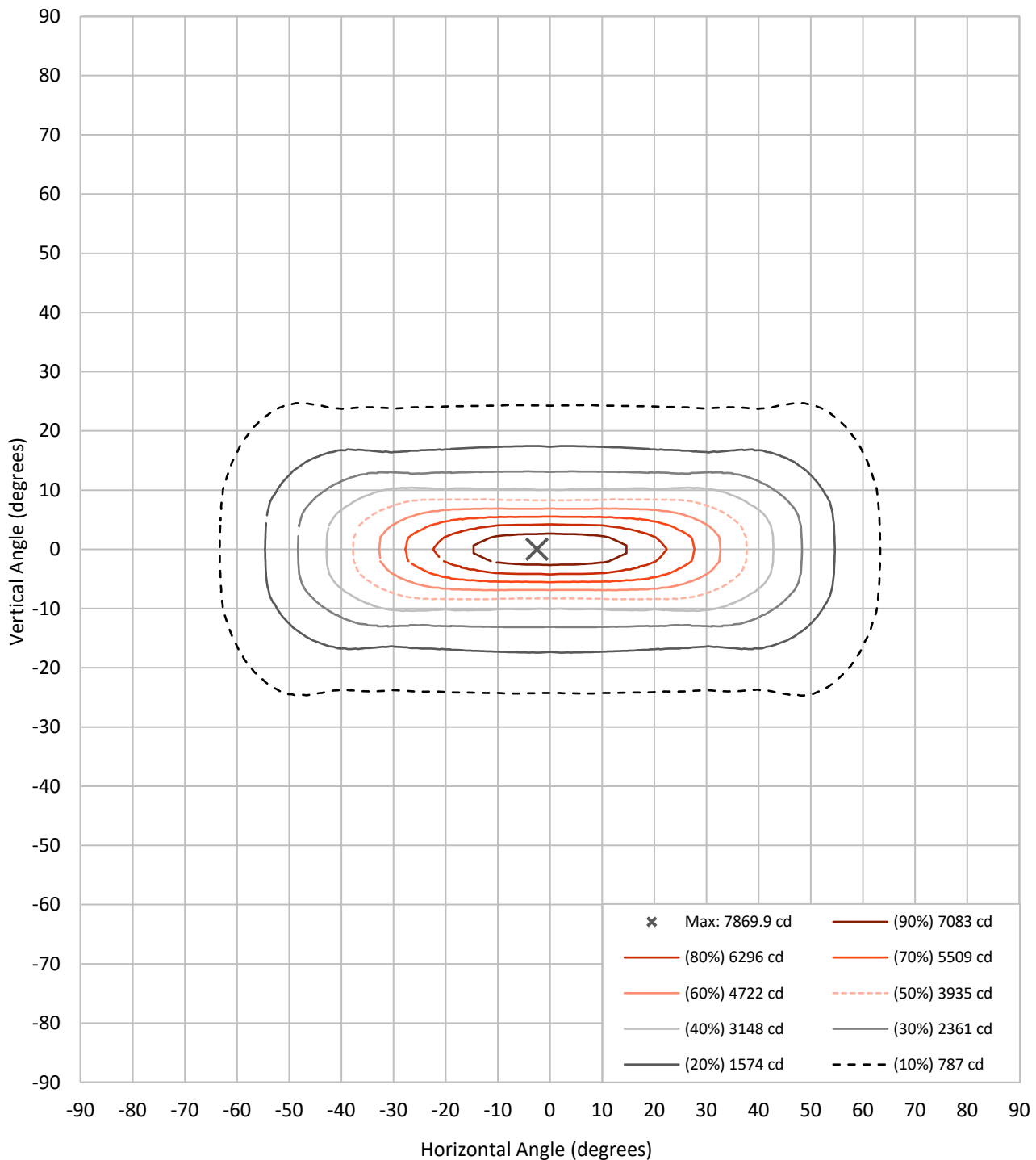
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4937.6 lumens	Max Intensity:	7869.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	49.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	75.5°H x 16.6°V	Field Angle (10%):	126.6°H x 48.5°V
Beam Lumens:	1741.6 lumens	Field Lumens:	3977.5 lumens
Beam Efficiency:	35.3%	Field Efficiency:	80.6%
Input Watts (W):	99.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





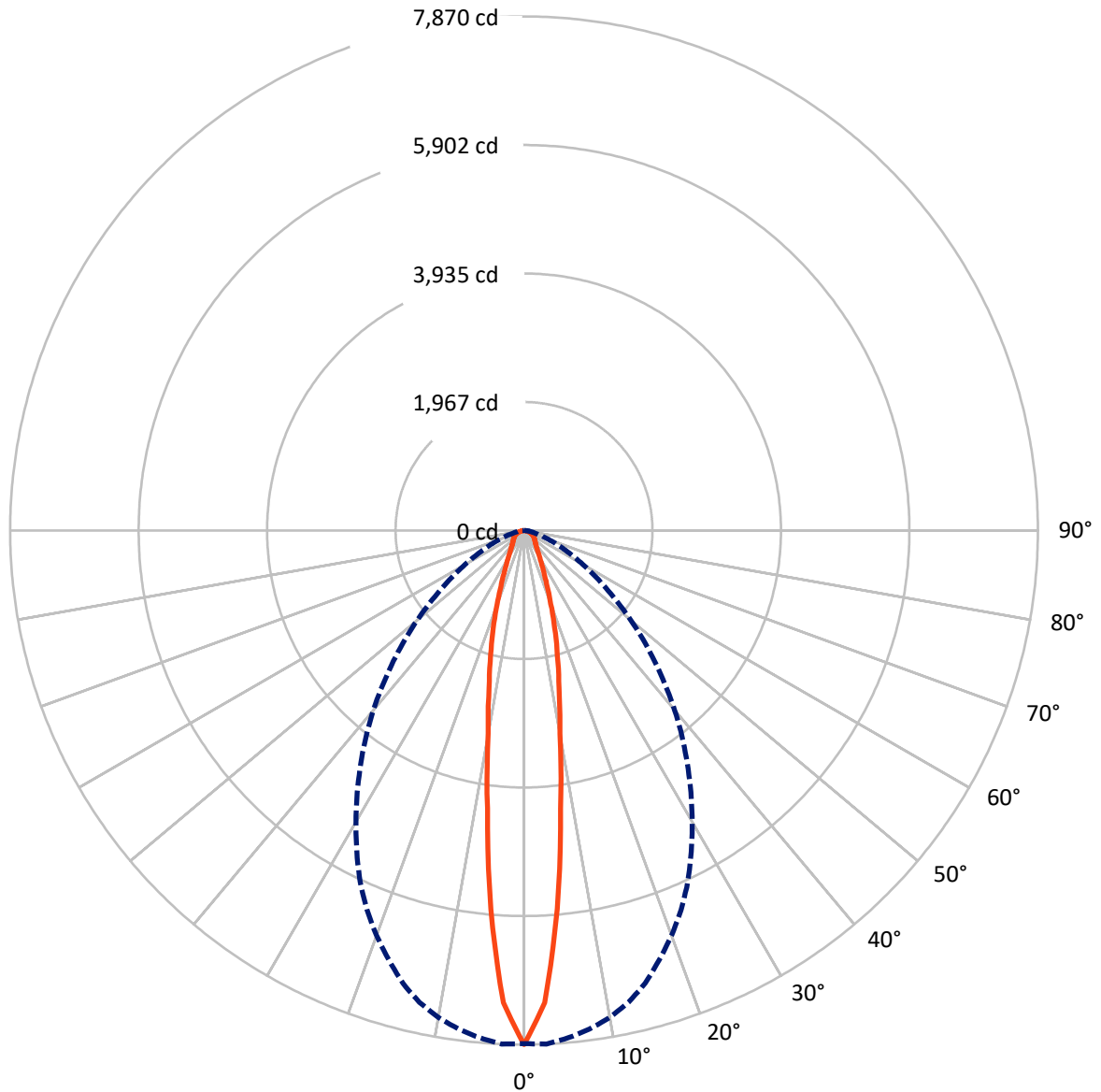
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### Lumen Table

90																
80	0.3	1.8		3.6		5.0		5.5		5.0		3.6		1.8		0.3
70																
60	1.2	1.1	1.8	2.4	2.9	3.4	3.9	4.1	4.1	3.9	3.4	2.9	2.4	1.8	1.1	1.2
50		1.7	2.8	3.7	4.3	4.9	5.4	5.7	5.7	5.4	4.9	4.3	3.7	2.8	1.7	
40	2.4	2.6	4.3	5.5	6.2	6.7	7.1	7.4	7.4	7.1	6.7	6.2	5.5	4.3	2.6	2.4
30		3.8	6.8	8.6	9.6	10.4	10.9	11.1	11.1	10.9	10.4	9.6	8.6	6.8	3.8	
20	3.7	5.6	11.9	16.5	18.6	20.7	22.4	23.4	23.4	22.4	20.7	18.6	16.5	11.9	5.6	3.7
10		7.6	19.5	35.2	47.9	54.4	59.2	61.9	61.9	59.2	54.4	47.9	35.2	19.5	7.6	
0	4.3	8.9	26.5	57.4	96.6	134.8	160.8	172.8	172.8	160.8	134.8	96.6	57.4	26.5	8.9	4.3
-10		8.9	26.5	57.4	96.6	134.8	160.8	172.8	172.8	160.8	134.8	96.6	57.4	26.5	8.9	
-20	3.7	7.6	19.5	35.2	47.9	54.4	59.2	61.9	61.9	59.2	54.4	47.9	35.2	19.5	7.6	3.7
-30		5.6	11.9	16.5	18.6	20.7	22.4	23.4	23.4	22.4	20.7	18.6	16.5	11.9	5.6	
-40	2.4	3.8	6.8	8.6	9.6	10.4	10.9	11.1	11.1	10.9	10.4	9.6	8.6	6.8	3.8	2.4
-50		2.6	4.3	5.5	6.2	6.7	7.1	7.4	7.4	7.1	6.7	6.2	5.5	4.3	2.6	
-60	1.2	1.7	2.8	3.7	4.3	4.9	5.4	5.7	5.7	5.4	4.9	4.3	3.7	2.8	1.7	1.2
-70		1.1	1.8	2.4	2.9	3.4	3.9	4.1	4.1	3.9	3.4	2.9	2.4	1.8	1.1	
-80																
-90	0.3	1.8		3.6		5.0		5.5		5.0		3.6		1.8		0.3

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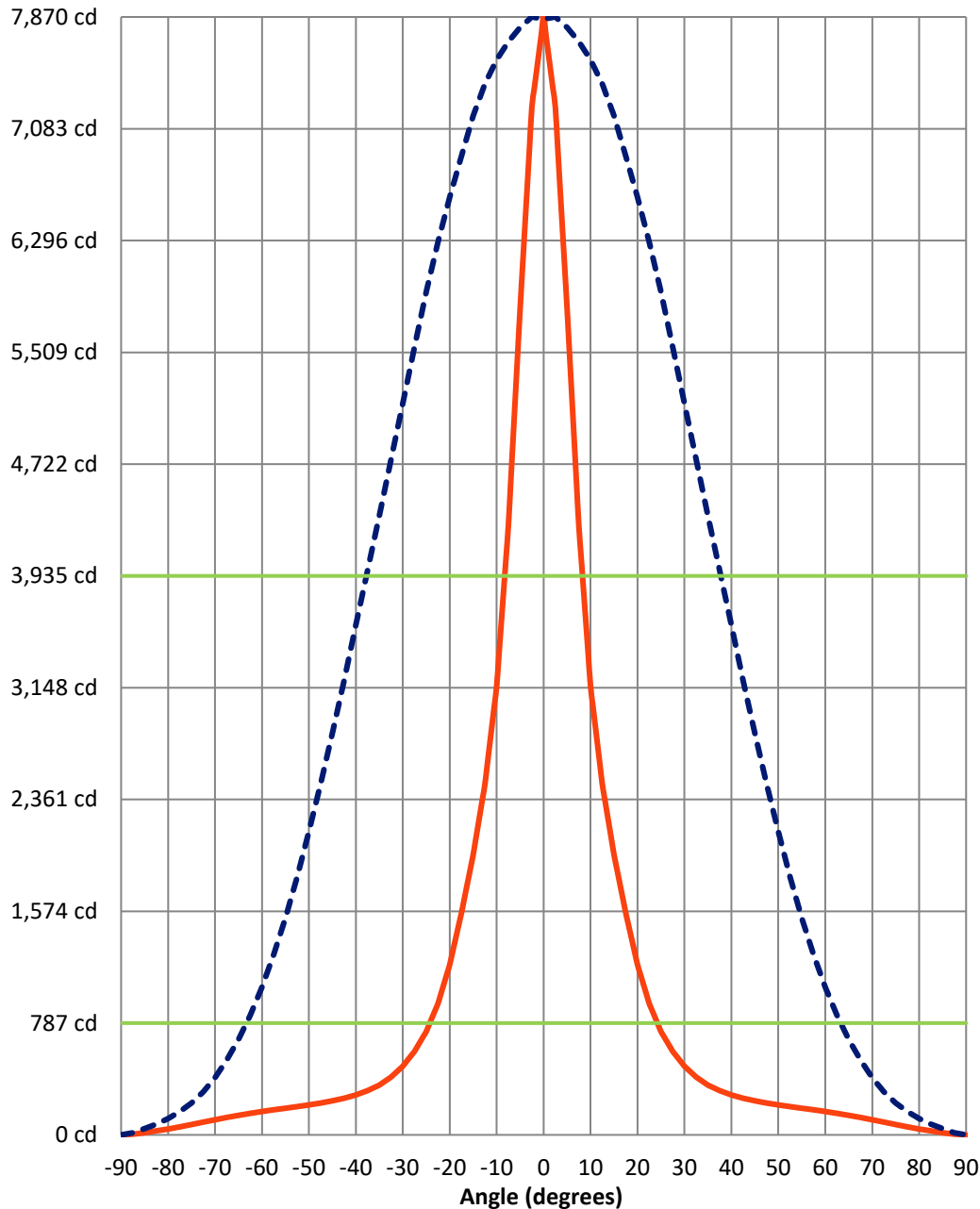
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 75.5°  
 V Angle: 16.6°  
 Lumens: 1741.6  
 Efficiency: 35.3%

**Field:**  
 H Angle: 126.6°  
 V Angle: 48.5°  
 Lumens: 3977.5  
 Efficiency: 80.6%

**Spill:**  
 Lumens: 960  
 Efficiency: 19.4%

— Vertical Distribution through -2.5-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	1.3	1.9	2.4	2.9	3.4	3.8	4.2	4.6	4.9
85°	0.0	1.3	2.6	3.7	4.8	5.8	6.8	7.6	8.4	9.1	9.7
82.5°	0.0	1.9	3.8	5.6	7.2	8.8	10.2	11.4	12.8	14.7	16.3
80°	0.0	2.6	5.1	7.4	9.6	11.7	13.8	16.8	19.5	21.9	23.9
77.5°	0.0	3.2	6.4	9.3	12.0	15.3	19.3	22.9	26.2	29.1	31.9
75°	0.0	3.8	7.6	11.1	14.7	20.2	24.8	29.0	33.0	37.3	41.0
72.5°	0.0	4.4	8.8	12.9	18.9	25.1	30.3	35.5	41.1	46.0	50.1
70°	0.0	5.0	10.0	15.0	23.0	30.0	36.0	42.9	49.2	54.7	59.9
67.5°	0.0	5.6	11.2	18.3	27.2	34.9	42.7	50.3	57.3	64.4	70.0
65°	0.0	6.2	12.4	21.5	31.3	40.2	49.4	57.6	66.6	74.3	80.9
62.5°	0.0	6.8	13.6	24.7	35.3	46.0	56.1	65.9	76.0	84.6	93.2
60°	0.0	7.3	14.7	27.8	39.4	51.8	62.7	74.5	85.4	96.4	105.7
57.5°	0.0	7.9	16.8	30.9	44.1	57.5	70.4	83.2	96.1	108.3	119.0
55°	0.0	8.4	18.8	34.0	48.7	63.2	78.2	92.0	107.0	120.6	132.9
52.5°	0.0	8.9	20.8	37.0	53.3	69.0	86.0	102.0	118.0	134.1	147.3
50°	0.0	9.4	22.7	39.9	57.8	75.5	93.7	112.2	129.5	147.8	163.9
47.5°	0.0	9.9	24.6	42.9	62.3	82.0	101.6	122.4	142.3	161.9	181.5
45°	0.0	10.4	26.4	46.2	66.6	88.4	110.4	132.6	155.7	178.7	199.9
42.5°	0.0	10.8	28.2	49.4	70.8	94.6	119.1	143.8	169.3	196.0	221.5
40°	0.0	11.3	29.8	52.3	75.3	100.8	127.8	155.7	183.9	213.9	244.5
37.5°	0.0	11.7	31.4	55.0	80.1	106.8	136.3	167.6	200.7	234.0	268.4
35°	0.0	12.0	32.9	57.6	84.6	113.3	144.8	179.5	217.7	256.7	294.0
32.5°	0.0	12.4	34.4	60.0	89.1	119.9	153.4	191.3	235.0	280.0	323.3
30°	0.0	12.7	35.7	62.3	93.3	126.3	162.9	203.6	252.4	303.6	354.2
27.5°	0.0	13.0	36.9	64.3	96.7	132.6	172.2	217.7	270.7	327.4	386.6
25°	0.0	13.3	38.1	66.2	99.7	138.5	181.2	231.7	290.4	353.5	420.2
22.5°	0.0	13.6	39.2	67.9	102.5	143.8	189.9	245.4	309.8	380.9	458.2
20°	0.0	13.8	40.2	69.5	105.0	147.7	198.2	258.7	328.9	408.5	496.6
17.5°	0.0	14.0	41.0	70.9	107.3	151.2	204.5	271.6	347.5	436.0	535.2
15°	0.0	14.2	41.8	72.0	109.2	154.3	209.3	281.6	365.4	463.1	573.4
12.5°	0.0	14.4	42.5	73.0	110.8	157.0	213.5	287.9	378.0	489.6	611.0
10°	0.0	14.5	43.0	73.9	112.2	159.3	217.0	293.1	385.8	502.7	640.3
7.5°	0.0	14.6	43.5	74.5	113.2	161.1	219.8	297.2	392.2	512.1	652.4
5°	0.0	14.6	43.8	74.9	114.0	162.4	222.0	300.2	397.2	519.3	661.6
2.5°	0.0	14.7	44.1	75.2	114.4	163.3	223.5	302.1	400.7	524.4	667.8
0°	0.0	14.7	44.2	75.3	114.6	163.7	224.3	302.9	402.7	527.2	671.2
-2.5°	0.0	14.7	44.1	75.2	114.4	163.3	223.5	302.1	400.7	524.4	667.8
-5°	0.0	14.6	43.8	74.9	114.0	162.4	222.0	300.2	397.2	519.3	661.6
-7.5°	0.0	14.6	43.5	74.5	113.2	161.1	219.8	297.2	392.2	512.1	652.4
-10°	0.0	14.5	43.0	73.9	112.2	159.3	217.0	293.1	385.8	502.7	640.3
-12.5°	0.0	14.4	42.5	73.0	110.8	157.0	213.5	287.9	378.0	489.6	611.0
-15°	0.0	14.2	41.8	72.0	109.2	154.3	209.3	281.6	365.4	463.1	573.4
-17.5°	0.0	14.0	41.0	70.9	107.3	151.2	204.5	271.6	347.5	436.0	535.2
-20°	0.0	13.8	40.2	69.5	105.0	147.7	198.2	258.7	328.9	408.5	496.6



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 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.6	39.2	67.9	102.5	143.8	189.9	245.4	309.8	380.9	458.2
-25°	0.0	13.3	38.1	66.2	99.7	138.5	181.2	231.7	290.4	353.5	420.2
-27.5°	0.0	13.0	36.9	64.3	96.7	132.6	172.2	217.7	270.7	327.4	386.6
-30°	0.0	12.7	35.7	62.3	93.3	126.3	162.9	203.6	252.4	303.6	354.2
-32.5°	0.0	12.4	34.4	60.0	89.1	119.9	153.4	191.3	235.0	280.0	323.3
-35°	0.0	12.0	32.9	57.6	84.6	113.3	144.8	179.5	217.7	256.7	294.0
-37.5°	0.0	11.7	31.4	55.0	80.1	106.8	136.3	167.6	200.7	234.0	268.4
-40°	0.0	11.3	29.8	52.3	75.3	100.8	127.8	155.7	183.9	213.9	244.5
-42.5°	0.0	10.8	28.2	49.4	70.8	94.6	119.1	143.8	169.3	196.0	221.5
-45°	0.0	10.4	26.4	46.2	66.6	88.4	110.4	132.6	155.7	178.7	199.9
-47.5°	0.0	9.9	24.6	42.9	62.3	82.0	101.6	122.4	142.3	161.9	181.5
-50°	0.0	9.4	22.7	39.9	57.8	75.5	93.7	112.2	129.5	147.8	163.9
-52.5°	0.0	8.9	20.8	37.0	53.3	69.0	86.0	102.0	118.0	134.1	147.3
-55°	0.0	8.4	18.8	34.0	48.7	63.2	78.2	92.0	107.0	120.6	132.9
-57.5°	0.0	7.9	16.8	30.9	44.1	57.5	70.4	83.2	96.1	108.3	119.0
-60°	0.0	7.3	14.7	27.8	39.4	51.8	62.7	74.5	85.4	96.4	105.7
-62.5°	0.0	6.8	13.6	24.7	35.3	46.0	56.1	65.9	76.0	84.6	93.2
-65°	0.0	6.2	12.4	21.5	31.3	40.2	49.4	57.6	66.6	74.3	80.9
-67.5°	0.0	5.6	11.2	18.3	27.2	34.9	42.7	50.3	57.3	64.4	70.0
-70°	0.0	5.0	10.0	15.0	23.0	30.0	36.0	42.9	49.2	54.7	59.9
-72.5°	0.0	4.4	8.8	12.9	18.9	25.1	30.3	35.5	41.1	46.0	50.1
-75°	0.0	3.8	7.6	11.1	14.7	20.2	24.8	29.0	33.0	37.3	41.0
-77.5°	0.0	3.2	6.4	9.3	12.0	15.3	19.3	22.9	26.2	29.1	31.9
-80°	0.0	2.6	5.1	7.4	9.6	11.7	13.8	16.8	19.5	21.9	23.9
-82.5°	0.0	1.9	3.8	5.6	7.2	8.8	10.2	11.4	12.8	14.7	16.3
-85°	0.0	1.3	2.6	3.7	4.8	5.8	6.8	7.6	8.4	9.1	9.7
-87.5°	0.0	0.6	1.3	1.9	2.4	2.9	3.4	3.8	4.2	4.6	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	5.1	5.3	5.5	5.6	6.0	6.3	6.6	6.9	6.9	6.9	6.8
85°	10.2	10.7	11.4	12.0	12.8	13.6	14.1	14.6	14.9	15.1	15.3
82.5°	17.7	18.9	19.8	20.5	21.4	22.0	22.6	23.1	23.9	24.6	25.2
80°	25.7	27.1	28.7	30.0	31.3	32.4	33.2	33.6	34.5	35.4	36.4
77.5°	34.6	37.0	38.9	40.4	41.9	43.4	44.4	45.1	46.4	48.0	49.4
75°	44.1	46.9	49.5	51.6	53.5	55.2	56.3	57.1	58.4	60.1	61.6
72.5°	54.0	57.6	60.6	63.1	65.6	67.5	68.8	69.3	70.4	72.5	74.1
70°	64.2	68.4	72.6	75.9	78.3	80.4	82.0	82.7	83.4	85.5	87.2
67.5°	74.9	80.8	85.5	89.0	91.8	94.4	96.0	96.5	96.6	98.9	100.8
65°	87.3	93.6	98.8	103.0	106.0	108.3	109.7	110.4	110.3	112.4	114.5
62.5°	99.9	106.8	112.6	117.0	119.8	122.0	124.0	124.9	124.7	126.0	128.0
60°	113.2	120.1	126.5	131.3	134.2	136.6	138.9	140.1	139.7	139.6	141.8
57.5°	127.1	133.8	141.0	146.4	150.1	151.8	154.8	156.1	155.5	153.6	156.1
55°	142.0	148.1	156.3	162.9	167.1	169.1	171.5	172.7	172.1	170.2	171.3
52.5°	158.5	164.3	172.9	180.4	185.8	187.9	188.7	190.4	190.6	188.5	187.1
50°	176.2	184.2	190.2	199.6	205.6	208.0	207.2	209.7	209.7	207.6	204.0
47.5°	196.6	206.0	209.3	219.7	226.7	230.2	229.8	229.2	229.3	228.5	225.4
45°	219.1	230.9	234.7	241.0	249.5	254.5	254.3	249.1	251.4	251.2	248.5
42.5°	243.0	258.4	265.2	263.4	274.5	280.8	281.3	277.1	275.1	276.3	274.7
40°	269.9	288.1	299.8	298.4	301.1	309.5	313.3	310.7	301.5	304.5	304.0
37.5°	298.6	323.2	339.0	342.8	330.2	342.0	348.6	351.0	343.3	335.3	338.5
35°	328.8	361.2	384.7	394.6	387.0	378.2	391.3	396.8	392.4	379.4	378.2
32.5°	362.8	402.0	434.8	453.9	456.7	439.0	438.4	449.0	451.0	443.0	425.3
30°	401.8	449.0	490.3	519.6	536.1	533.0	504.4	507.3	517.6	519.8	510.3
27.5°	444.9	499.5	552.3	595.4	625.8	638.7	626.4	584.1	595.2	607.2	609.3
25°	490.0	557.9	618.5	679.0	727.6	758.7	766.1	745.8	694.4	709.4	726.0
22.5°	538.4	619.1	695.7	768.5	837.4	891.6	924.8	933.9	912.6	852.7	857.8
20°	590.0	686.0	780.3	873.3	956.4	1035.2	1097.8	1143.5	1160.3	1142.9	1083.9
17.5°	642.3	754.7	869.9	986.7	1098.4	1198.8	1284.8	1371.6	1431.0	1464.8	1462.1
15°	694.8	824.5	961.4	1104.3	1248.0	1383.8	1508.5	1624.5	1727.1	1817.3	1876.3
12.5°	746.9	894.4	1053.6	1224.3	1402.2	1575.2	1745.7	1908.6	2058.2	2200.2	2328.1
10°	798.0	963.5	1145.4	1345.2	1558.7	1770.2	1988.2	2200.1	2404.0	2602.2	2790.8
7.5°	817.8	1007.6	1225.2	1464.8	1714.8	1965.7	2232.2	2494.5	2752.4	3007.5	3254.9
5°	829.5	1023.1	1245.8	1500.8	1789.7	2095.8	2434.1	2785.0	3098.3	3410.3	3716.4
2.5°	837.4	1033.8	1260.4	1517.3	1807.6	2120.9	2459.2	2813.9	3180.6	3564.0	3948.6
0°	841.5	1039.6	1268.8	1525.8	1815.6	2134.9	2470.5	2827.4	3197.4	3588.7	3973.4
-2.5°	837.4	1033.8	1260.4	1517.3	1807.6	2120.9	2459.2	2813.9	3180.6	3564.0	3948.6
-5°	829.5	1023.1	1245.8	1500.8	1789.7	2095.8	2434.1	2785.0	3098.3	3410.3	3716.4
-7.5°	817.8	1007.6	1225.2	1464.8	1714.8	1965.7	2232.2	2494.5	2752.4	3007.5	3254.9
-10°	798.0	963.5	1145.4	1345.2	1558.7	1770.2	1988.2	2200.1	2404.0	2602.2	2790.8
-12.5°	746.9	894.4	1053.6	1224.3	1402.2	1575.2	1745.7	1908.6	2058.2	2200.2	2328.1
-15°	694.8	824.5	961.4	1104.3	1248.0	1383.8	1508.5	1624.5	1727.1	1817.3	1876.3
-17.5°	642.3	754.7	869.9	986.7	1098.4	1198.8	1284.8	1371.6	1431.0	1464.8	1462.1
-20°	590.0	686.0	780.3	873.3	956.4	1035.2	1097.8	1143.5	1160.3	1142.9	1083.9



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	538.4	619.1	695.7	768.5	837.4	891.6	924.8	933.9	912.6	852.7	857.8
-25°	490.0	557.9	618.5	679.0	727.6	758.7	766.1	745.8	694.4	709.4	726.0
-27.5°	444.9	499.5	552.3	595.4	625.8	638.7	626.4	584.1	595.2	607.2	609.3
-30°	401.8	449.0	490.3	519.6	536.1	533.0	504.4	507.3	517.6	519.8	510.3
-32.5°	362.8	402.0	434.8	453.9	456.7	439.0	438.4	449.0	451.0	443.0	425.3
-35°	328.8	361.2	384.7	394.6	387.0	378.2	391.3	396.8	392.4	379.4	378.2
-37.5°	298.6	323.2	339.0	342.8	330.2	342.0	348.6	351.0	343.3	335.3	338.5
-40°	269.9	288.1	299.8	298.4	301.1	309.5	313.3	310.7	301.5	304.5	304.0
-42.5°	243.0	258.4	265.2	263.4	274.5	280.8	281.3	277.1	275.1	276.3	274.7
-45°	219.1	230.9	234.7	241.0	249.5	254.5	254.3	249.1	251.4	251.2	248.5
-47.5°	196.6	206.0	209.3	219.7	226.7	230.2	229.8	229.2	229.3	228.5	225.4
-50°	176.2	184.2	190.2	199.6	205.6	208.0	207.2	209.7	209.7	207.6	204.0
-52.5°	158.5	164.3	172.9	180.4	185.8	187.9	188.7	190.4	190.6	188.5	187.1
-55°	142.0	148.1	156.3	162.9	167.1	169.1	171.5	172.7	172.1	170.2	171.3
-57.5°	127.1	133.8	141.0	146.4	150.1	151.8	154.8	156.1	155.5	153.6	156.1
-60°	113.2	120.1	126.5	131.3	134.2	136.6	138.9	140.1	139.7	139.6	141.8
-62.5°	99.9	106.8	112.6	117.0	119.8	122.0	124.0	124.9	124.7	126.0	128.0
-65°	87.3	93.6	98.8	103.0	106.0	108.3	109.7	110.4	110.3	112.4	114.5
-67.5°	74.9	80.8	85.5	89.0	91.8	94.4	96.0	96.5	96.6	98.9	100.8
-70°	64.2	68.4	72.6	75.9	78.3	80.4	82.0	82.7	83.4	85.5	87.2
-72.5°	54.0	57.6	60.6	63.1	65.6	67.5	68.8	69.3	70.4	72.5	74.1
-75°	44.1	46.9	49.5	51.6	53.5	55.2	56.3	57.1	58.4	60.1	61.6
-77.5°	34.6	37.0	38.9	40.4	41.9	43.4	44.4	45.1	46.4	48.0	49.4
-80°	25.7	27.1	28.7	30.0	31.3	32.4	33.2	33.6	34.5	35.4	36.4
-82.5°	17.7	18.9	19.8	20.5	21.4	22.0	22.6	23.1	23.9	24.6	25.2
-85°	10.2	10.7	11.4	12.0	12.8	13.6	14.1	14.6	14.9	15.1	15.3
-87.5°	5.1	5.3	5.5	5.6	6.0	6.3	6.6	6.9	6.9	6.9	6.8
-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: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	6.7	6.6	6.4	6.1	5.9	6.0	6.1	6.2	6.3	6.0	5.6
85°	15.5	15.6	15.7	15.8	15.9	15.9	15.9	15.9	15.7	15.5	15.3
82.5°	25.6	26.3	27.1	27.8	28.6	28.7	28.6	28.5	28.2	28.5	28.9
80°	37.3	38.5	39.5	40.3	40.9	41.1	41.1	41.0	40.9	41.0	41.0
77.5°	50.6	51.5	52.4	53.1	53.7	54.4	55.1	55.7	56.1	56.6	56.9
75°	62.7	63.9	65.3	66.5	67.7	69.0	70.2	71.1	72.0	72.6	73.0
72.5°	75.2	76.5	78.6	80.4	82.0	83.5	85.0	86.4	87.7	88.6	89.1
70°	88.5	89.9	92.2	94.1	95.8	97.7	99.9	101.8	103.4	104.6	105.3
67.5°	102.2	103.5	106.1	108.5	110.6	112.7	115.1	117.3	119.1	120.5	121.4
65°	116.0	116.6	119.4	122.2	124.9	127.3	129.7	131.9	133.8	135.3	136.1
62.5°	129.2	129.9	132.6	135.8	138.5	140.5	143.1	145.5	147.8	149.6	150.6
60°	143.3	144.2	145.8	148.6	150.9	152.6	155.3	157.9	160.1	161.8	163.0
57.5°	157.7	158.1	158.4	161.4	163.7	165.1	167.3	170.0	172.2	174.0	175.2
55°	172.8	173.2	172.5	174.9	177.0	178.7	180.5	182.8	184.5	185.6	186.7
52.5°	188.7	188.9	187.3	188.0	190.4	191.8	192.5	194.9	196.7	197.8	198.8
50°	205.7	205.5	203.7	202.2	204.7	206.2	206.5	208.3	209.6	210.1	210.5
47.5°	223.9	223.6	222.1	218.7	220.7	222.2	221.7	222.0	223.6	224.3	224.8
45°	243.5	244.5	243.1	240.2	239.4	240.6	240.0	239.1	240.9	241.3	240.9
42.5°	269.7	267.7	267.0	264.8	260.7	262.0	261.8	259.2	260.8	261.1	260.2
40°	300.7	293.2	294.7	293.0	288.4	286.9	287.8	285.2	285.1	286.2	284.7
37.5°	337.0	330.5	327.5	327.5	323.9	318.1	320.4	319.3	316.5	318.0	316.0
35°	380.7	378.3	367.8	369.8	368.2	362.3	362.1	362.2	355.6	358.2	356.7
32.5°	433.7	434.8	428.3	422.1	424.6	422.0	413.7	418.2	413.1	412.4	413.0
30°	494.0	501.4	503.9	495.5	494.9	496.4	490.3	491.7	491.7	487.0	490.5
27.5°	595.1	582.5	593.9	595.4	582.7	587.5	593.4	584.4	594.2	585.3	593.0
25°	726.7	710.6	702.4	719.7	718.5	710.5	726.9	722.5	728.4	727.1	729.7
22.5°	883.5	890.9	874.0	869.7	897.2	899.7	894.3	913.2	903.4	920.6	914.9
20°	1061.1	1096.7	1117.2	1112.1	1112.4	1139.7	1143.2	1159.2	1168.6	1177.9	1183.3
17.5°	1414.5	1339.6	1398.2	1433.1	1435.3	1434.2	1476.3	1482.4	1504.7	1517.0	1532.4
15°	1897.1	1871.4	1794.7	1801.9	1862.3	1880.4	1849.9	1904.2	1916.0	1943.8	1943.2
12.5°	2424.1	2479.0	2486.8	2439.6	2340.9	2429.2	2466.5	2415.6	2463.3	2445.9	2473.5
10°	2967.1	3125.6	3227.7	3280.1	3281.7	3236.1	3184.7	3253.7	3227.2	3235.3	3190.3
7.5°	3490.3	3713.1	3920.5	4113.0	4259.2	4322.5	4345.6	4337.5	4342.2	4367.5	4325.1
5°	4010.0	4290.4	4551.9	4800.2	5030.6	5250.2	5459.8	5632.5	5687.3	5739.4	5803.0
2.5°	4332.1	4715.5	5085.3	5448.2	5751.6	6015.0	6263.1	6488.6	6690.8	6895.2	7087.5
0°	4358.1	4754.3	5148.9	5546.7	5934.7	6285.1	6601.1	6890.8	7174.1	7398.4	7568.6
-2.5°	4332.1	4715.5	5085.3	5448.2	5751.6	6015.0	6263.1	6488.6	6690.8	6895.2	7087.5
-5°	4010.0	4290.4	4551.9	4800.2	5030.6	5250.2	5459.8	5632.5	5687.3	5739.4	5803.0
-7.5°	3490.3	3713.1	3920.5	4113.0	4259.2	4322.5	4345.6	4337.5	4342.2	4367.5	4325.1
-10°	2967.1	3125.6	3227.7	3280.1	3281.7	3236.1	3184.7	3253.7	3227.2	3235.3	3190.3
-12.5°	2424.1	2479.0	2486.8	2439.6	2340.9	2429.2	2466.5	2415.6	2463.3	2445.9	2473.5
-15°	1897.1	1871.4	1794.7	1801.9	1862.3	1880.4	1849.9	1904.2	1916.0	1943.8	1943.2
-17.5°	1414.5	1339.6	1398.2	1433.1	1435.3	1434.2	1476.3	1482.4	1504.7	1517.0	1532.4
-20°	1061.1	1096.7	1117.2	1112.1	1112.4	1139.7	1143.2	1159.2	1168.6	1177.9	1183.3



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	883.5	890.9	874.0	869.7	897.2	899.7	894.3	913.2	903.4	920.6	914.9
-25°	726.7	710.6	702.4	719.7	718.5	710.5	726.9	722.5	728.4	727.1	729.7
-27.5°	595.1	582.5	593.9	595.4	582.7	587.5	593.4	584.4	594.2	585.3	593.0
-30°	494.0	501.4	503.9	495.5	494.9	496.4	490.3	491.7	491.7	487.0	490.5
-32.5°	433.7	434.8	428.3	422.1	424.6	422.0	413.7	418.2	413.1	412.4	413.0
-35°	380.7	378.3	367.8	369.8	368.2	362.3	362.1	362.2	355.6	358.2	356.7
-37.5°	337.0	330.5	327.5	327.5	323.9	318.1	320.4	319.3	316.5	318.0	316.0
-40°	300.7	293.2	294.7	293.0	288.4	286.9	287.8	285.2	285.1	286.2	284.7
-42.5°	269.7	267.7	267.0	264.8	260.7	262.0	261.8	259.2	260.8	261.1	260.2
-45°	243.5	244.5	243.1	240.2	239.4	240.6	240.0	239.1	240.9	241.3	240.9
-47.5°	223.9	223.6	222.1	218.7	220.7	222.2	221.7	222.0	223.6	224.3	224.8
-50°	205.7	205.5	203.7	202.2	204.7	206.2	206.5	208.3	209.6	210.1	210.5
-52.5°	188.7	188.9	187.3	188.0	190.4	191.8	192.5	194.9	196.7	197.8	198.8
-55°	172.8	173.2	172.5	174.9	177.0	178.7	180.5	182.8	184.5	185.6	186.7
-57.5°	157.7	158.1	158.4	161.4	163.7	165.1	167.3	170.0	172.2	174.0	175.2
-60°	143.3	144.2	145.8	148.6	150.9	152.6	155.3	157.9	160.1	161.8	163.0
-62.5°	129.2	129.9	132.6	135.8	138.5	140.5	143.1	145.5	147.8	149.6	150.6
-65°	116.0	116.6	119.4	122.2	124.9	127.3	129.7	131.9	133.8	135.3	136.1
-67.5°	102.2	103.5	106.1	108.5	110.6	112.7	115.1	117.3	119.1	120.5	121.4
-70°	88.5	89.9	92.2	94.1	95.8	97.7	99.9	101.8	103.4	104.6	105.3
-72.5°	75.2	76.5	78.6	80.4	82.0	83.5	85.0	86.4	87.7	88.6	89.1
-75°	62.7	63.9	65.3	66.5	67.7	69.0	70.2	71.1	72.0	72.6	73.0
-77.5°	50.6	51.5	52.4	53.1	53.7	54.4	55.1	55.7	56.1	56.6	56.9
-80°	37.3	38.5	39.5	40.3	40.9	41.1	41.1	41.0	40.9	41.0	41.0
-82.5°	25.6	26.3	27.1	27.8	28.6	28.7	28.6	28.5	28.2	28.5	28.9
-85°	15.5	15.6	15.7	15.8	15.9	15.9	15.9	15.9	15.7	15.5	15.3
-87.5°	6.7	6.6	6.4	6.1	5.9	6.0	6.1	6.2	6.3	6.0	5.6
-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: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	5.3	4.9	4.9	4.9	4.9	4.9	5.3	5.6	6.0	6.3	6.2
85°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.3	15.5	15.7	15.9
82.5°	29.1	29.3	28.6	27.8	28.6	29.3	29.1	28.9	28.5	28.2	28.5
80°	40.9	40.7	40.9	40.9	40.9	40.7	40.9	41.0	41.0	40.9	41.0
77.5°	57.0	57.0	56.4	55.7	56.4	57.0	57.0	56.9	56.6	56.1	55.7
75°	73.3	73.3	72.8	72.0	72.8	73.3	73.3	73.0	72.6	72.0	71.1
72.5°	89.5	89.6	89.9	90.0	89.9	89.6	89.5	89.1	88.6	87.7	86.4
70°	105.7	105.9	106.3	106.4	106.3	105.9	105.7	105.3	104.6	103.4	101.8
67.5°	122.0	122.3	122.7	122.8	122.7	122.3	122.0	121.4	120.5	119.1	117.3
65°	136.7	137.0	137.4	137.5	137.4	137.0	136.7	136.1	135.3	133.8	131.9
62.5°	151.3	151.7	151.4	150.6	151.4	151.7	151.3	150.6	149.6	147.8	145.5
60°	164.0	164.7	164.5	163.7	164.5	164.7	164.0	163.0	161.8	160.1	157.9
57.5°	176.0	176.3	176.6	176.8	176.6	176.3	176.0	175.2	174.0	172.2	170.0
55°	187.4	187.8	187.5	186.6	187.5	187.8	187.4	186.7	185.6	184.5	182.8
52.5°	199.3	199.3	198.9	198.1	198.9	199.3	199.3	198.8	197.8	196.7	194.9
50°	210.9	210.9	211.0	211.2	211.0	210.9	210.9	210.5	210.1	209.6	208.3
47.5°	225.0	224.4	224.0	224.3	224.0	224.4	225.0	224.8	224.3	223.6	222.0
45°	241.1	240.6	239.9	239.0	239.9	240.6	241.1	240.9	241.3	240.9	239.1
42.5°	260.4	259.2	257.8	257.0	257.8	259.2	260.4	260.2	261.1	260.8	259.2
40°	284.4	282.7	281.0	281.6	281.0	282.7	284.4	284.7	286.2	285.1	285.2
37.5°	315.1	313.8	311.5	311.1	311.5	313.8	315.1	316.0	318.0	316.5	319.3
35°	354.6	353.6	350.4	348.7	350.4	353.6	354.6	356.7	358.2	355.6	362.2
32.5°	409.6	410.4	406.9	402.7	406.9	410.4	409.6	413.0	412.4	413.1	418.2
30°	485.5	487.9	483.3	481.3	483.3	487.9	485.5	490.5	487.0	491.7	491.7
27.5°	589.8	591.9	587.9	587.7	587.9	591.9	589.8	593.0	585.3	594.2	584.4
25°	732.2	731.6	727.5	723.6	727.5	731.6	732.2	729.7	727.1	728.4	722.5
22.5°	929.6	926.4	924.4	925.0	924.4	926.4	929.6	914.9	920.6	903.4	913.2
20°	1198.8	1193.0	1198.1	1186.9	1198.1	1193.0	1198.8	1183.3	1177.9	1168.6	1159.2
17.5°	1542.9	1549.7	1562.4	1537.3	1562.4	1549.7	1542.9	1532.4	1517.0	1504.7	1482.4
15°	1962.8	1970.9	1971.9	1940.0	1971.9	1970.9	1962.8	1943.2	1943.8	1916.0	1904.2
12.5°	2468.8	2476.0	2468.5	2473.8	2468.5	2476.0	2468.8	2473.5	2445.9	2463.3	2415.6
10°	3171.6	3198.6	3158.1	3166.3	3158.1	3198.6	3171.6	3190.3	3235.3	3227.2	3253.7
7.5°	4300.1	4291.0	4290.8	4295.9	4290.8	4291.0	4300.1	4325.1	4367.5	4342.2	4337.5
5°	5816.3	5804.7	5819.1	5859.4	5819.1	5804.7	5816.3	5803.0	5739.4	5687.3	5632.5
2.5°	7174.6	7247.0	7235.7	7293.6	7235.7	7247.0	7174.6	7087.5	6895.2	6690.8	6488.6
0°	7696.3	7796.2	7869.9	7855.1	7869.9	7796.2	7696.3	7568.6	7398.4	7174.1	6890.8
-2.5°	7174.6	7247.0	7235.7	7293.6	7235.7	7247.0	7174.6	7087.5	6895.2	6690.8	6488.6
-5°	5816.3	5804.7	5819.1	5859.4	5819.1	5804.7	5816.3	5803.0	5739.4	5687.3	5632.5
-7.5°	4300.1	4291.0	4290.8	4295.9	4290.8	4291.0	4300.1	4325.1	4367.5	4342.2	4337.5
-10°	3171.6	3198.6	3158.1	3166.3	3158.1	3198.6	3171.6	3190.3	3235.3	3227.2	3253.7
-12.5°	2468.8	2476.0	2468.5	2473.8	2468.5	2476.0	2468.8	2473.5	2445.9	2463.3	2415.6
-15°	1962.8	1970.9	1971.9	1940.0	1971.9	1970.9	1962.8	1943.2	1943.8	1916.0	1904.2
-17.5°	1542.9	1549.7	1562.4	1537.3	1562.4	1549.7	1542.9	1532.4	1517.0	1504.7	1482.4
-20°	1198.8	1193.0	1198.1	1186.9	1198.1	1193.0	1198.8	1183.3	1177.9	1168.6	1159.2



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	929.6	926.4	924.4	925.0	924.4	926.4	929.6	914.9	920.6	903.4	913.2
-25°	732.2	731.6	727.5	723.6	727.5	731.6	732.2	729.7	727.1	728.4	722.5
-27.5°	589.8	591.9	587.9	587.7	587.9	591.9	589.8	593.0	585.3	594.2	584.4
-30°	485.5	487.9	483.3	481.3	483.3	487.9	485.5	490.5	487.0	491.7	491.7
-32.5°	409.6	410.4	406.9	402.7	406.9	410.4	409.6	413.0	412.4	413.1	418.2
-35°	354.6	353.6	350.4	348.7	350.4	353.6	354.6	356.7	358.2	355.6	362.2
-37.5°	315.1	313.8	311.5	311.1	311.5	313.8	315.1	316.0	318.0	316.5	319.3
-40°	284.4	282.7	281.0	281.6	281.0	282.7	284.4	284.7	286.2	285.1	285.2
-42.5°	260.4	259.2	257.8	257.0	257.8	259.2	260.4	260.2	261.1	260.8	259.2
-45°	241.1	240.6	239.9	239.0	239.9	240.6	241.1	240.9	241.3	240.9	239.1
-47.5°	225.0	224.4	224.0	224.3	224.0	224.4	225.0	224.8	224.3	223.6	222.0
-50°	210.9	210.9	211.0	211.2	211.0	210.9	210.9	210.5	210.1	209.6	208.3
-52.5°	199.3	199.3	198.9	198.1	198.9	199.3	199.3	198.8	197.8	196.7	194.9
-55°	187.4	187.8	187.5	186.6	187.5	187.8	187.4	186.7	185.6	184.5	182.8
-57.5°	176.0	176.3	176.6	176.8	176.6	176.3	176.0	175.2	174.0	172.2	170.0
-60°	164.0	164.7	164.5	163.7	164.5	164.7	164.0	163.0	161.8	160.1	157.9
-62.5°	151.3	151.7	151.4	150.6	151.4	151.7	151.3	150.6	149.6	147.8	145.5
-65°	136.7	137.0	137.4	137.5	137.4	137.0	136.7	136.1	135.3	133.8	131.9
-67.5°	122.0	122.3	122.7	122.8	122.7	122.3	122.0	121.4	120.5	119.1	117.3
-70°	105.7	105.9	106.3	106.4	106.3	105.9	105.7	105.3	104.6	103.4	101.8
-72.5°	89.5	89.6	89.9	90.0	89.9	89.6	89.5	89.1	88.6	87.7	86.4
-75°	73.3	73.3	72.8	72.0	72.8	73.3	73.3	73.0	72.6	72.0	71.1
-77.5°	57.0	57.0	56.4	55.7	56.4	57.0	57.0	56.9	56.6	56.1	55.7
-80°	40.9	40.7	40.9	40.9	40.9	40.7	40.9	41.0	41.0	40.9	41.0
-82.5°	29.1	29.3	28.6	27.8	28.6	29.3	29.1	28.9	28.5	28.2	28.5
-85°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.3	15.5	15.7	15.9
-87.5°	5.3	4.9	4.9	4.9	4.9	4.9	5.3	5.6	6.0	6.3	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	6.1	6.0	5.9	6.1	6.4	6.6	6.7	6.8	6.9	6.9	6.9
85°	15.9	15.9	15.9	15.8	15.7	15.6	15.5	15.3	15.1	14.9	14.6
82.5°	28.6	28.7	28.6	27.8	27.1	26.3	25.6	25.2	24.6	23.9	23.1
80°	41.1	41.1	40.9	40.3	39.5	38.5	37.3	36.4	35.4	34.5	33.6
77.5°	55.1	54.4	53.7	53.1	52.4	51.5	50.6	49.4	48.0	46.4	45.1
75°	70.2	69.0	67.7	66.5	65.3	63.9	62.7	61.6	60.1	58.4	57.1
72.5°	85.0	83.5	82.0	80.4	78.6	76.5	75.2	74.1	72.5	70.4	69.3
70°	99.9	97.7	95.8	94.1	92.2	89.9	88.5	87.2	85.5	83.4	82.7
67.5°	115.1	112.7	110.6	108.5	106.1	103.5	102.2	100.8	98.9	96.6	96.5
65°	129.7	127.3	124.9	122.2	119.4	116.6	116.0	114.5	112.4	110.3	110.4
62.5°	143.1	140.5	138.5	135.8	132.6	129.9	129.2	128.0	126.0	124.7	124.9
60°	155.3	152.6	150.9	148.6	145.8	144.2	143.3	141.8	139.6	139.7	140.1
57.5°	167.3	165.1	163.7	161.4	158.4	158.1	157.7	156.1	153.6	155.5	156.1
55°	180.5	178.7	177.0	174.9	172.5	173.2	172.8	171.3	170.2	172.1	172.7
52.5°	192.5	191.8	190.4	188.0	187.3	188.9	188.7	187.1	188.5	190.6	190.4
50°	206.5	206.2	204.7	202.2	203.7	205.5	205.7	204.0	207.6	209.7	209.7
47.5°	221.7	222.2	220.7	218.7	222.1	223.6	223.9	225.4	228.5	229.3	229.2
45°	240.0	240.6	239.4	240.2	243.1	244.5	243.5	248.5	251.2	251.4	249.1
42.5°	261.8	262.0	260.7	264.8	267.0	267.7	269.7	274.7	276.3	275.1	277.1
40°	287.8	286.9	288.4	293.0	294.7	293.2	300.7	304.0	304.5	301.5	310.7
37.5°	320.4	318.1	323.9	327.5	327.5	330.5	337.0	338.5	335.3	343.3	351.0
35°	362.1	362.3	368.2	369.8	367.8	378.3	380.7	378.2	379.4	392.4	396.8
32.5°	413.7	422.0	424.6	422.1	428.3	434.8	433.7	425.3	443.0	451.0	449.0
30°	490.3	496.4	494.9	495.5	503.9	501.4	494.0	510.3	519.8	517.6	507.3
27.5°	593.4	587.5	582.7	595.4	593.9	582.5	595.1	609.3	607.2	595.2	584.1
25°	726.9	710.5	718.5	719.7	702.4	710.6	726.7	726.0	709.4	694.4	745.8
22.5°	894.3	899.7	897.2	869.7	874.0	890.9	883.5	857.8	852.7	912.6	933.9
20°	1143.2	1139.7	1112.4	1112.1	1117.2	1096.7	1061.1	1083.9	1142.9	1160.3	1143.5
17.5°	1476.3	1434.2	1435.3	1433.1	1398.2	1339.6	1414.5	1462.1	1464.8	1431.0	1371.6
15°	1849.9	1880.4	1862.3	1801.9	1794.7	1871.4	1897.1	1876.3	1817.3	1727.1	1624.5
12.5°	2466.5	2429.2	2340.9	2439.6	2486.8	2479.0	2424.1	2328.1	2200.2	2058.2	1908.6
10°	3184.7	3236.1	3281.7	3280.1	3227.7	3125.6	2967.1	2790.8	2602.2	2404.0	2200.1
7.5°	4345.6	4322.5	4259.2	4113.0	3920.5	3713.1	3490.3	3254.9	3007.5	2752.4	2494.5
5°	5459.8	5250.2	5030.6	4800.2	4551.9	4290.4	4010.0	3716.4	3410.3	3098.3	2785.0
2.5°	6263.1	6015.0	5751.6	5448.2	5085.3	4715.5	4332.1	3948.6	3564.0	3180.6	2813.9
0°	6601.1	6285.1	5934.7	5546.7	5148.9	4754.3	4358.1	3973.4	3588.7	3197.4	2827.4
-2.5°	6263.1	6015.0	5751.6	5448.2	5085.3	4715.5	4332.1	3948.6	3564.0	3180.6	2813.9
-5°	5459.8	5250.2	5030.6	4800.2	4551.9	4290.4	4010.0	3716.4	3410.3	3098.3	2785.0
-7.5°	4345.6	4322.5	4259.2	4113.0	3920.5	3713.1	3490.3	3254.9	3007.5	2752.4	2494.5
-10°	3184.7	3236.1	3281.7	3280.1	3227.7	3125.6	2967.1	2790.8	2602.2	2404.0	2200.1
-12.5°	2466.5	2429.2	2340.9	2439.6	2486.8	2479.0	2424.1	2328.1	2200.2	2058.2	1908.6
-15°	1849.9	1880.4	1862.3	1801.9	1794.7	1871.4	1897.1	1876.3	1817.3	1727.1	1624.5
-17.5°	1476.3	1434.2	1435.3	1433.1	1398.2	1339.6	1414.5	1462.1	1464.8	1431.0	1371.6
-20°	1143.2	1139.7	1112.4	1112.1	1117.2	1096.7	1061.1	1083.9	1142.9	1160.3	1143.5



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	894.3	899.7	897.2	869.7	874.0	890.9	883.5	857.8	852.7	912.6	933.9
-25°	726.9	710.5	718.5	719.7	702.4	710.6	726.7	726.0	709.4	694.4	745.8
-27.5°	593.4	587.5	582.7	595.4	593.9	582.5	595.1	609.3	607.2	595.2	584.1
-30°	490.3	496.4	494.9	495.5	503.9	501.4	494.0	510.3	519.8	517.6	507.3
-32.5°	413.7	422.0	424.6	422.1	428.3	434.8	433.7	425.3	443.0	451.0	449.0
-35°	362.1	362.3	368.2	369.8	367.8	378.3	380.7	378.2	379.4	392.4	396.8
-37.5°	320.4	318.1	323.9	327.5	327.5	330.5	337.0	338.5	335.3	343.3	351.0
-40°	287.8	286.9	288.4	293.0	294.7	293.2	300.7	304.0	304.5	301.5	310.7
-42.5°	261.8	262.0	260.7	264.8	267.0	267.7	269.7	274.7	276.3	275.1	277.1
-45°	240.0	240.6	239.4	240.2	243.1	244.5	243.5	248.5	251.2	251.4	249.1
-47.5°	221.7	222.2	220.7	218.7	222.1	223.6	223.9	225.4	228.5	229.3	229.2
-50°	206.5	206.2	204.7	202.2	203.7	205.5	205.7	204.0	207.6	209.7	209.7
-52.5°	192.5	191.8	190.4	188.0	187.3	188.9	188.7	187.1	188.5	190.6	190.4
-55°	180.5	178.7	177.0	174.9	172.5	173.2	172.8	171.3	170.2	172.1	172.7
-57.5°	167.3	165.1	163.7	161.4	158.4	158.1	157.7	156.1	153.6	155.5	156.1
-60°	155.3	152.6	150.9	148.6	145.8	144.2	143.3	141.8	139.6	139.7	140.1
-62.5°	143.1	140.5	138.5	135.8	132.6	129.9	129.2	128.0	126.0	124.7	124.9
-65°	129.7	127.3	124.9	122.2	119.4	116.6	116.0	114.5	112.4	110.3	110.4
-67.5°	115.1	112.7	110.6	108.5	106.1	103.5	102.2	100.8	98.9	96.6	96.5
-70°	99.9	97.7	95.8	94.1	92.2	89.9	88.5	87.2	85.5	83.4	82.7
-72.5°	85.0	83.5	82.0	80.4	78.6	76.5	75.2	74.1	72.5	70.4	69.3
-75°	70.2	69.0	67.7	66.5	65.3	63.9	62.7	61.6	60.1	58.4	57.1
-77.5°	55.1	54.4	53.7	53.1	52.4	51.5	50.6	49.4	48.0	46.4	45.1
-80°	41.1	41.1	40.9	40.3	39.5	38.5	37.3	36.4	35.4	34.5	33.6
-82.5°	28.6	28.7	28.6	27.8	27.1	26.3	25.6	25.2	24.6	23.9	23.1
-85°	15.9	15.9	15.9	15.8	15.7	15.6	15.5	15.3	15.1	14.9	14.6
-87.5°	6.1	6.0	5.9	6.1	6.4	6.6	6.7	6.8	6.9	6.9	6.9
-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: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	6.6	6.3	6.0	5.6	5.5	5.3	5.1	4.9	4.6	4.2	3.8
85°	14.1	13.6	12.8	12.0	11.4	10.7	10.2	9.7	9.1	8.4	7.6
82.5°	22.6	22.0	21.4	20.5	19.8	18.9	17.7	16.3	14.7	12.8	11.4
80°	33.2	32.4	31.3	30.0	28.7	27.1	25.7	23.9	21.9	19.5	16.8
77.5°	44.4	43.4	41.9	40.4	38.9	37.0	34.6	31.9	29.1	26.2	22.9
75°	56.3	55.2	53.5	51.6	49.5	46.9	44.1	41.0	37.3	33.0	29.0
72.5°	68.8	67.5	65.6	63.1	60.6	57.6	54.0	50.1	46.0	41.1	35.5
70°	82.0	80.4	78.3	75.9	72.6	68.4	64.2	59.9	54.7	49.2	42.9
67.5°	96.0	94.4	91.8	89.0	85.5	80.8	74.9	70.0	64.4	57.3	50.3
65°	109.7	108.3	106.0	103.0	98.8	93.6	87.3	80.9	74.3	66.6	57.6
62.5°	124.0	122.0	119.8	117.0	112.6	106.8	99.9	93.2	84.6	76.0	65.9
60°	138.9	136.6	134.2	131.3	126.5	120.1	113.2	105.7	96.4	85.4	74.5
57.5°	154.8	151.8	150.1	146.4	141.0	133.8	127.1	119.0	108.3	96.1	83.2
55°	171.5	169.1	167.1	162.9	156.3	148.1	142.0	132.9	120.6	107.0	92.0
52.5°	188.7	187.9	185.8	180.4	172.9	164.3	158.5	147.3	134.1	118.0	102.0
50°	207.2	208.0	205.6	199.6	190.2	184.2	176.2	163.9	147.8	129.5	112.2
47.5°	229.8	230.2	226.7	219.7	209.3	206.0	196.6	181.5	161.9	142.3	122.4
45°	254.3	254.5	249.5	241.0	234.7	230.9	219.1	199.9	178.7	155.7	132.6
42.5°	281.3	280.8	274.5	263.4	265.2	258.4	243.0	221.5	196.0	169.3	143.8
40°	313.3	309.5	301.1	298.4	299.8	288.1	269.9	244.5	213.9	183.9	155.7
37.5°	348.6	342.0	330.2	342.8	339.0	323.2	298.6	268.4	234.0	200.7	167.6
35°	391.3	378.2	387.0	394.6	384.7	361.2	328.8	294.0	256.7	217.7	179.5
32.5°	438.4	439.0	456.7	453.9	434.8	402.0	362.8	323.3	280.0	235.0	191.3
30°	504.4	533.0	536.1	519.6	490.3	449.0	401.8	354.2	303.6	252.4	203.6
27.5°	626.4	638.7	625.8	595.4	552.3	499.5	444.9	386.6	327.4	270.7	217.7
25°	766.1	758.7	727.6	679.0	618.5	557.9	490.0	420.2	353.5	290.4	231.7
22.5°	924.8	891.6	837.4	768.5	695.7	619.1	538.4	458.2	380.9	309.8	245.4
20°	1097.8	1035.2	956.4	873.3	780.3	686.0	590.0	496.6	408.5	328.9	258.7
17.5°	1284.8	1198.8	1098.4	986.7	869.9	754.7	642.3	535.2	436.0	347.5	271.6
15°	1508.5	1383.8	1248.0	1104.3	961.4	824.5	694.8	573.4	463.1	365.4	281.6
12.5°	1745.7	1575.2	1402.2	1224.3	1053.6	894.4	746.9	611.0	489.6	378.0	287.9
10°	1988.2	1770.2	1558.7	1345.2	1145.4	963.5	798.0	640.3	502.7	385.8	293.1
7.5°	2232.2	1965.7	1714.8	1464.8	1225.2	1007.6	817.8	652.4	512.1	392.2	297.2
5°	2434.1	2095.8	1789.7	1500.8	1245.8	1023.1	829.5	661.6	519.3	397.2	300.2
2.5°	2459.2	2120.9	1807.6	1517.3	1260.4	1033.8	837.4	667.8	524.4	400.7	302.1
0°	2470.5	2134.9	1815.6	1525.8	1268.8	1039.6	841.5	671.2	527.2	402.7	302.9
-2.5°	2459.2	2120.9	1807.6	1517.3	1260.4	1033.8	837.4	667.8	524.4	400.7	302.1
-5°	2434.1	2095.8	1789.7	1500.8	1245.8	1023.1	829.5	661.6	519.3	397.2	300.2
-7.5°	2232.2	1965.7	1714.8	1464.8	1225.2	1007.6	817.8	652.4	512.1	392.2	297.2
-10°	1988.2	1770.2	1558.7	1345.2	1145.4	963.5	798.0	640.3	502.7	385.8	293.1
-12.5°	1745.7	1575.2	1402.2	1224.3	1053.6	894.4	746.9	611.0	489.6	378.0	287.9
-15°	1508.5	1383.8	1248.0	1104.3	961.4	824.5	694.8	573.4	463.1	365.4	281.6
-17.5°	1284.8	1198.8	1098.4	986.7	869.9	754.7	642.3	535.2	436.0	347.5	271.6
-20°	1097.8	1035.2	956.4	873.3	780.3	686.0	590.0	496.6	408.5	328.9	258.7



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	924.8	891.6	837.4	768.5	695.7	619.1	538.4	458.2	380.9	309.8	245.4
-25°	766.1	758.7	727.6	679.0	618.5	557.9	490.0	420.2	353.5	290.4	231.7
-27.5°	626.4	638.7	625.8	595.4	552.3	499.5	444.9	386.6	327.4	270.7	217.7
-30°	504.4	533.0	536.1	519.6	490.3	449.0	401.8	354.2	303.6	252.4	203.6
-32.5°	438.4	439.0	456.7	453.9	434.8	402.0	362.8	323.3	280.0	235.0	191.3
-35°	391.3	378.2	387.0	394.6	384.7	361.2	328.8	294.0	256.7	217.7	179.5
-37.5°	348.6	342.0	330.2	342.8	339.0	323.2	298.6	268.4	234.0	200.7	167.6
-40°	313.3	309.5	301.1	298.4	299.8	288.1	269.9	244.5	213.9	183.9	155.7
-42.5°	281.3	280.8	274.5	263.4	265.2	258.4	243.0	221.5	196.0	169.3	143.8
-45°	254.3	254.5	249.5	241.0	234.7	230.9	219.1	199.9	178.7	155.7	132.6
-47.5°	229.8	230.2	226.7	219.7	209.3	206.0	196.6	181.5	161.9	142.3	122.4
-50°	207.2	208.0	205.6	199.6	190.2	184.2	176.2	163.9	147.8	129.5	112.2
-52.5°	188.7	187.9	185.8	180.4	172.9	164.3	158.5	147.3	134.1	118.0	102.0
-55°	171.5	169.1	167.1	162.9	156.3	148.1	142.0	132.9	120.6	107.0	92.0
-57.5°	154.8	151.8	150.1	146.4	141.0	133.8	127.1	119.0	108.3	96.1	83.2
-60°	138.9	136.6	134.2	131.3	126.5	120.1	113.2	105.7	96.4	85.4	74.5
-62.5°	124.0	122.0	119.8	117.0	112.6	106.8	99.9	93.2	84.6	76.0	65.9
-65°	109.7	108.3	106.0	103.0	98.8	93.6	87.3	80.9	74.3	66.6	57.6
-67.5°	96.0	94.4	91.8	89.0	85.5	80.8	74.9	70.0	64.4	57.3	50.3
-70°	82.0	80.4	78.3	75.9	72.6	68.4	64.2	59.9	54.7	49.2	42.9
-72.5°	68.8	67.5	65.6	63.1	60.6	57.6	54.0	50.1	46.0	41.1	35.5
-75°	56.3	55.2	53.5	51.6	49.5	46.9	44.1	41.0	37.3	33.0	29.0
-77.5°	44.4	43.4	41.9	40.4	38.9	37.0	34.6	31.9	29.1	26.2	22.9
-80°	33.2	32.4	31.3	30.0	28.7	27.1	25.7	23.9	21.9	19.5	16.8
-82.5°	22.6	22.0	21.4	20.5	19.8	18.9	17.7	16.3	14.7	12.8	11.4
-85°	14.1	13.6	12.8	12.0	11.4	10.7	10.2	9.7	9.1	8.4	7.6
-87.5°	6.6	6.3	6.0	5.6	5.5	5.3	5.1	4.9	4.6	4.2	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**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°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
85°	6.8	5.8	4.8	3.7	2.6	1.3	0.0
82.5°	10.2	8.8	7.2	5.6	3.8	1.9	0.0
80°	13.8	11.7	9.6	7.4	5.1	2.6	0.0
77.5°	19.3	15.3	12.0	9.3	6.4	3.2	0.0
75°	24.8	20.2	14.7	11.1	7.6	3.8	0.0
72.5°	30.3	25.1	18.9	12.9	8.8	4.4	0.0
70°	36.0	30.0	23.0	15.0	10.0	5.0	0.0
67.5°	42.7	34.9	27.2	18.3	11.2	5.6	0.0
65°	49.4	40.2	31.3	21.5	12.4	6.2	0.0
62.5°	56.1	46.0	35.3	24.7	13.6	6.8	0.0
60°	62.7	51.8	39.4	27.8	14.7	7.3	0.0
57.5°	70.4	57.5	44.1	30.9	16.8	7.9	0.0
55°	78.2	63.2	48.7	34.0	18.8	8.4	0.0
52.5°	86.0	69.0	53.3	37.0	20.8	8.9	0.0
50°	93.7	75.5	57.8	39.9	22.7	9.4	0.0
47.5°	101.6	82.0	62.3	42.9	24.6	9.9	0.0
45°	110.4	88.4	66.6	46.2	26.4	10.4	0.0
42.5°	119.1	94.6	70.8	49.4	28.2	10.8	0.0
40°	127.8	100.8	75.3	52.3	29.8	11.3	0.0
37.5°	136.3	106.8	80.1	55.0	31.4	11.7	0.0
35°	144.8	113.3	84.6	57.6	32.9	12.0	0.0
32.5°	153.4	119.9	89.1	60.0	34.4	12.4	0.0
30°	162.9	126.3	93.3	62.3	35.7	12.7	0.0
27.5°	172.2	132.6	96.7	64.3	36.9	13.0	0.0
25°	181.2	138.5	99.7	66.2	38.1	13.3	0.0
22.5°	189.9	143.8	102.5	67.9	39.2	13.6	0.0
20°	198.2	147.7	105.0	69.5	40.2	13.8	0.0
17.5°	204.5	151.2	107.3	70.9	41.0	14.0	0.0
15°	209.3	154.3	109.2	72.0	41.8	14.2	0.0
12.5°	213.5	157.0	110.8	73.0	42.5	14.4	0.0
10°	217.0	159.3	112.2	73.9	43.0	14.5	0.0
7.5°	219.8	161.1	113.2	74.5	43.5	14.6	0.0
5°	222.0	162.4	114.0	74.9	43.8	14.6	0.0
2.5°	223.5	163.3	114.4	75.2	44.1	14.7	0.0
0°	224.3	163.7	114.6	75.3	44.2	14.7	0.0
-2.5°	223.5	163.3	114.4	75.2	44.1	14.7	0.0
-5°	222.0	162.4	114.0	74.9	43.8	14.6	0.0
-7.5°	219.8	161.1	113.2	74.5	43.5	14.6	0.0
-10°	217.0	159.3	112.2	73.9	43.0	14.5	0.0
-12.5°	213.5	157.0	110.8	73.0	42.5	14.4	0.0
-15°	209.3	154.3	109.2	72.0	41.8	14.2	0.0
-17.5°	204.5	151.2	107.3	70.9	41.0	14.0	0.0
-20°	198.2	147.7	105.0	69.5	40.2	13.8	0.0



REPORT NUMBER: P561398 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NAT-BK

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	189.9	143.8	102.5	67.9	39.2	13.6	0.0
-25°	181.2	138.5	99.7	66.2	38.1	13.3	0.0
-27.5°	172.2	132.6	96.7	64.3	36.9	13.0	0.0
-30°	162.9	126.3	93.3	62.3	35.7	12.7	0.0
-32.5°	153.4	119.9	89.1	60.0	34.4	12.4	0.0
-35°	144.8	113.3	84.6	57.6	32.9	12.0	0.0
-37.5°	136.3	106.8	80.1	55.0	31.4	11.7	0.0
-40°	127.8	100.8	75.3	52.3	29.8	11.3	0.0
-42.5°	119.1	94.6	70.8	49.4	28.2	10.8	0.0
-45°	110.4	88.4	66.6	46.2	26.4	10.4	0.0
-47.5°	101.6	82.0	62.3	42.9	24.6	9.9	0.0
-50°	93.7	75.5	57.8	39.9	22.7	9.4	0.0
-52.5°	86.0	69.0	53.3	37.0	20.8	8.9	0.0
-55°	78.2	63.2	48.7	34.0	18.8	8.4	0.0
-57.5°	70.4	57.5	44.1	30.9	16.8	7.9	0.0
-60°	62.7	51.8	39.4	27.8	14.7	7.3	0.0
-62.5°	56.1	46.0	35.3	24.7	13.6	6.8	0.0
-65°	49.4	40.2	31.3	21.5	12.4	6.2	0.0
-67.5°	42.7	34.9	27.2	18.3	11.2	5.6	0.0
-70°	36.0	30.0	23.0	15.0	10.0	5.0	0.0
-72.5°	30.3	25.1	18.9	12.9	8.8	4.4	0.0
-75°	24.8	20.2	14.7	11.1	7.6	3.8	0.0
-77.5°	19.3	15.3	12.0	9.3	6.4	3.2	0.0
-80°	13.8	11.7	9.6	7.4	5.1	2.6	0.0
-82.5°	10.2	8.8	7.2	5.6	3.8	1.9	0.0
-85°	6.8	5.8	4.8	3.7	2.6	1.3	0.0
-87.5°	3.4	2.9	2.4	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)