

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: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-930-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5D-930-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (80) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

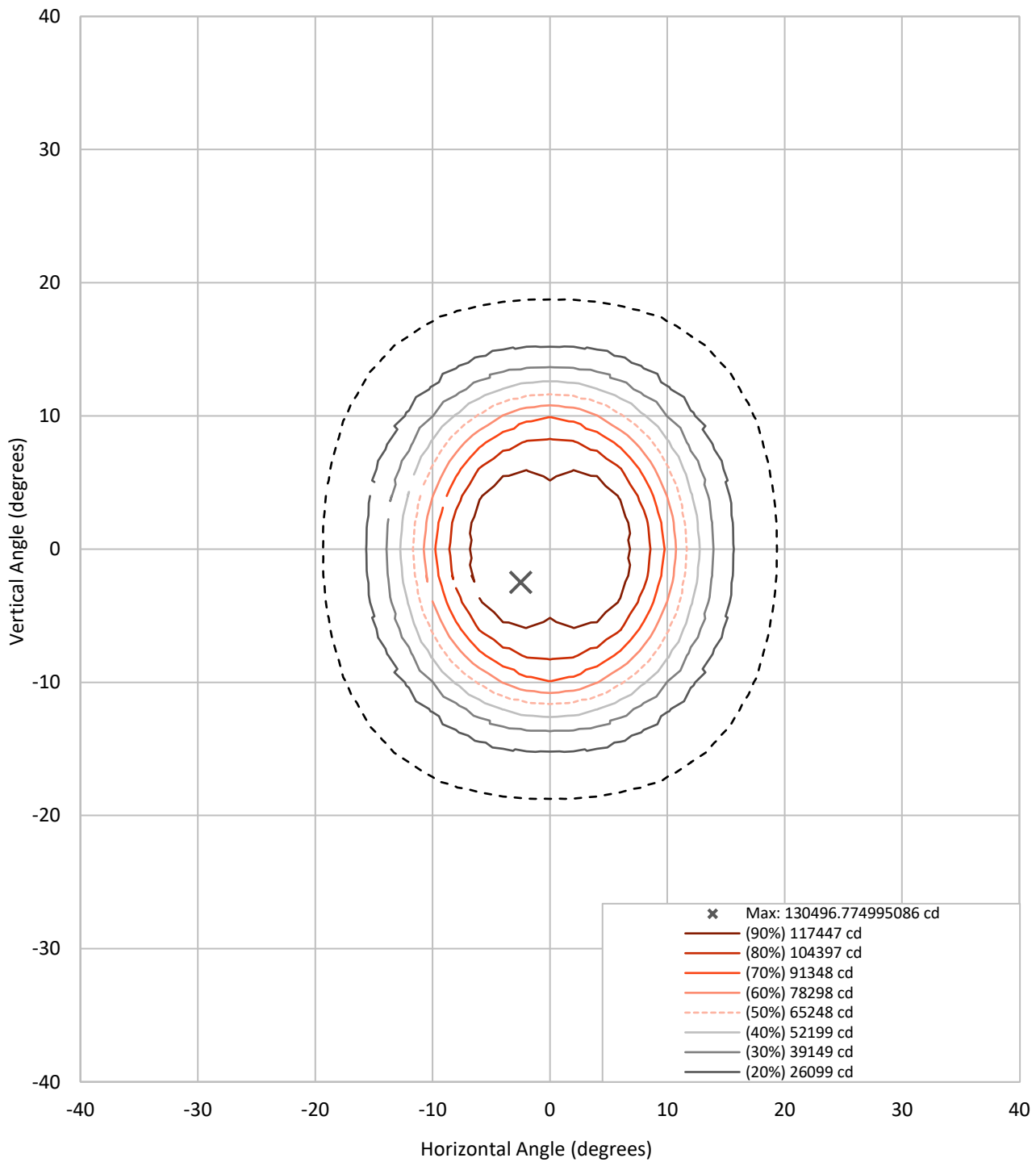
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24676.7 lumens	Max Intensity:	130496.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	13322.2 lumens	Field Lumens:	20090.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 266  
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





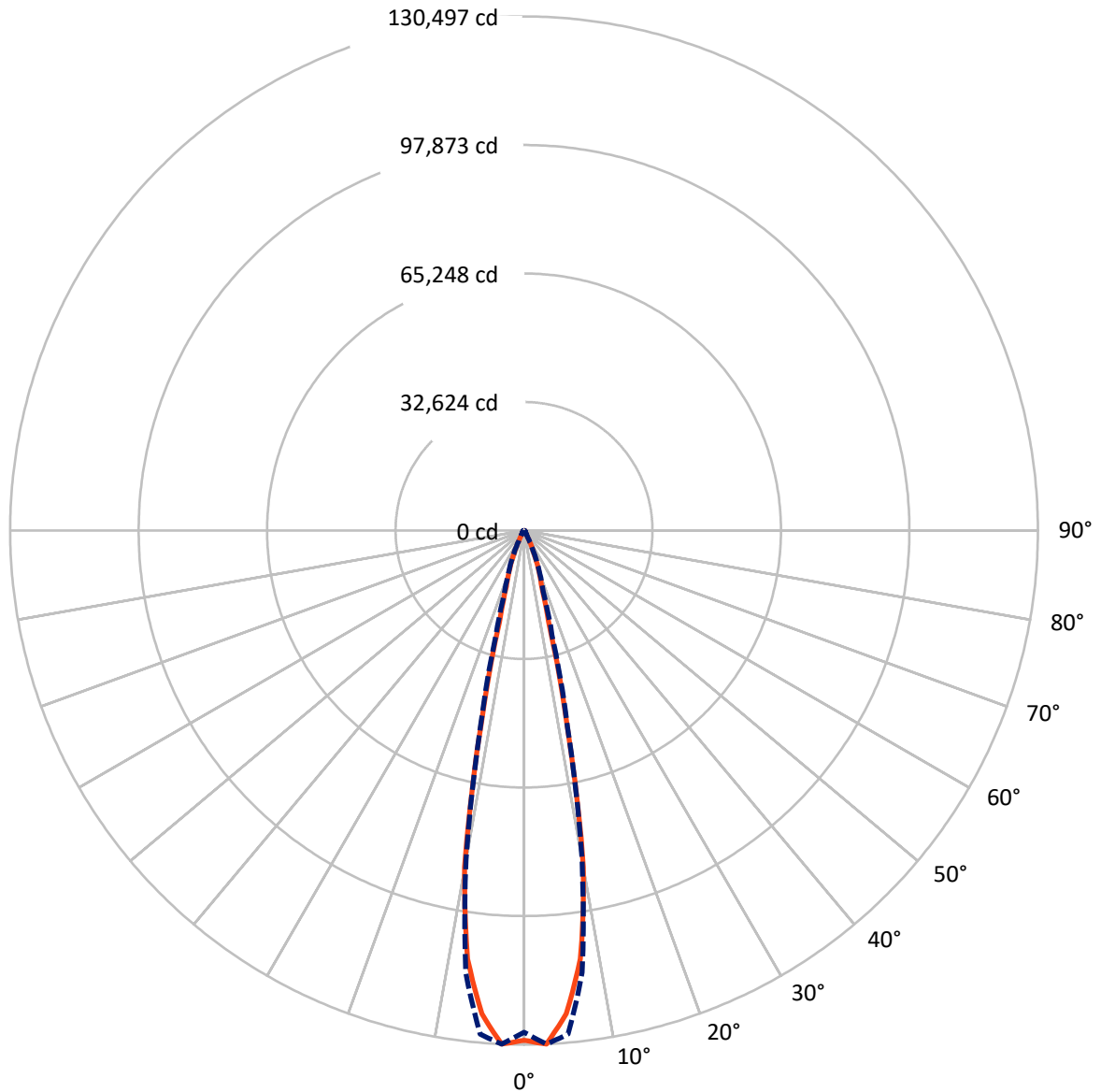
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### Lumen Table

90	0.3	2.5		6.6		10.6		12.3		10.6		6.6		2.5		0.3			
80	0.3	2.5		6.6		10.6		12.3		10.6		6.6		2.5		0.3			
70	1.2	1.3	2.7	4.3	5.9	7.4	8.4	8.9	8.9	8.4	7.4	5.9	4.3	2.7	1.3	1.2			
60		2.0	3.9	6.1	8.2	9.7	10.8	11.3	11.3	10.8	9.7	8.2	6.1	3.9	2.0				
50	2.1	2.6	4.9	7.4	9.5	11.6	13.3	14.2	14.2	13.3	11.6	9.5	7.4	4.9	2.6	2.1			
40		3.1	5.7	8.3	11.2	15.3	20.2	24.2	24.2	20.2	15.3	11.2	8.3	5.7	3.1				
30	2.8	3.5	6.2	9.2	13.9	25.2	75.8	147.7	147.7	75.8	25.2	13.9	9.2	6.2	3.5	2.8			
20		3.7	6.5	9.8	17.4	74.9	345.5	888.4	888.4	345.5	74.9	17.4	9.8	6.5	3.7				
10	3.0	3.8	6.6	10.3	20.8	145.8	899.6	3178.3	3178.3	899.6	145.8	20.8	10.3	6.6	3.8	3.0			
0		3.8	6.6	10.3	20.8	145.8	899.6	3178.3	3178.3	899.6	145.8	20.8	10.3	6.6	3.8				
-10	2.8	3.7	6.5	9.8	17.4	74.9	345.5	888.4	888.4	345.5	74.9	17.4	9.8	6.5	3.7	2.8			
-20		3.5	6.2	9.2	13.9	25.2	75.8	147.7	147.7	75.8	25.2	13.9	9.2	6.2	3.5				
-30	2.1	3.1	5.7	8.3	11.2	15.3	20.2	24.2	24.2	20.2	15.3	11.2	8.3	5.7	3.1	2.1			
-40		2.6	4.9	7.4	9.5	11.6	13.3	14.2	14.2	13.3	11.6	9.5	7.4	4.9	2.6				
-50	1.2	2.0	3.9	6.1	8.2	9.7	10.8	11.3	11.3	10.8	9.7	8.2	6.1	3.9	2.0	1.2			
-60		1.3	2.7	4.3	5.9	7.4	8.4	8.9	8.9	8.4	7.4	5.9	4.3	2.7	1.3				
-70	0.3	2.5		6.6		10.6		12.3		10.6		6.6		2.5		0.3			
-80		2.5		6.6		10.6		12.3		10.6		6.6		2.5					
-90	0.3	2.5		6.6		10.6		12.3		10.6		6.6		2.5		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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CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

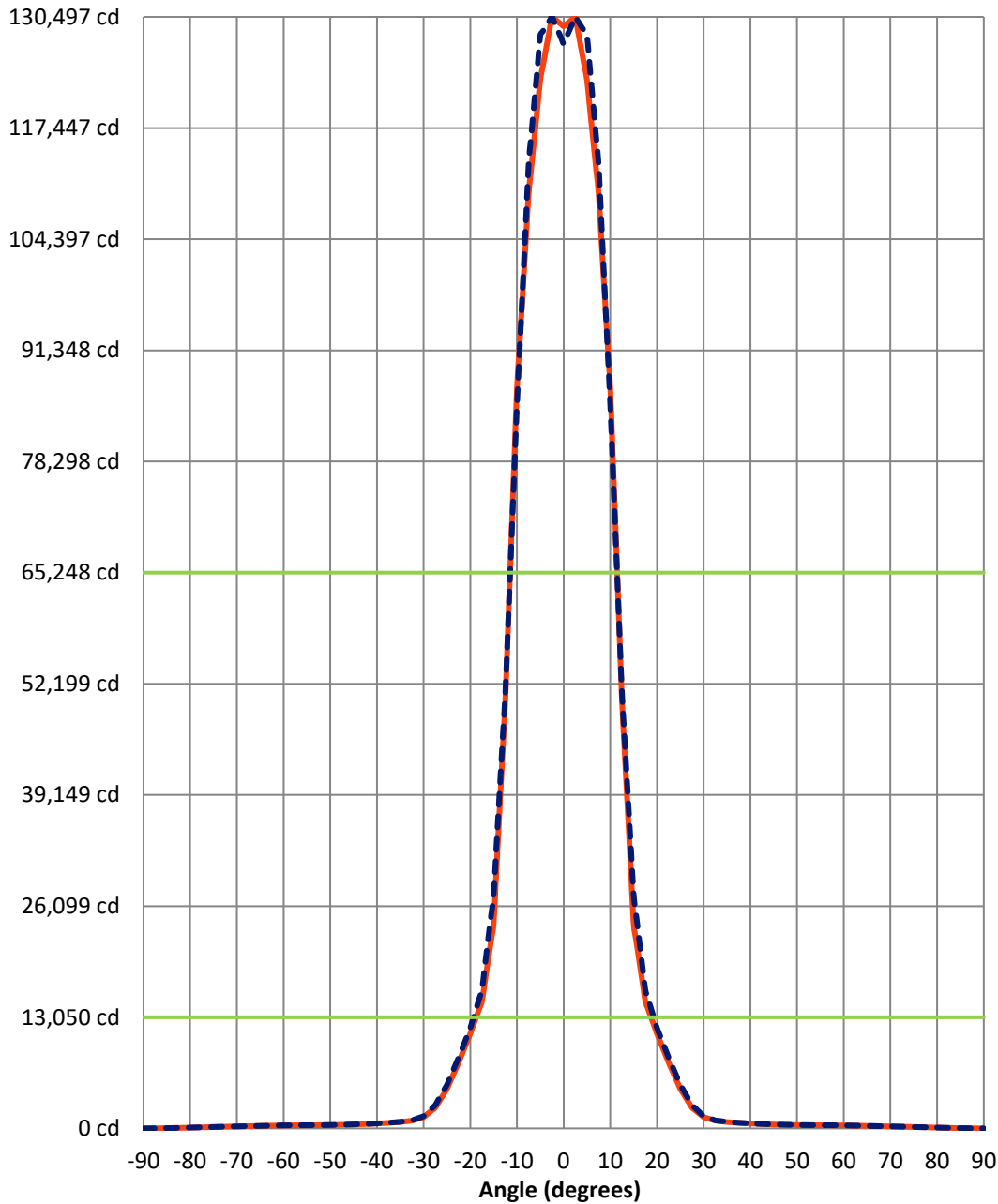
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 13322.2  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 20090.6  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 4586.2  
 Efficiency: 18.6%

- Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-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	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.3	17.1	19.9
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.4	18.0	21.7	25.6	29.5
77.5°	0.0	3.0	6.0	8.9	11.9	15.4	19.7	24.3	29.1	34.0	39.3
75°	0.0	3.6	7.1	10.7	14.5	19.9	25.0	30.5	36.4	43.3	49.8
72.5°	0.0	4.1	8.3	12.4	18.2	24.4	30.3	37.1	45.2	53.0	60.3
70°	0.0	4.7	9.4	14.3	21.8	28.8	35.7	44.8	53.9	62.6	72.8
67.5°	0.0	5.3	10.6	17.1	25.4	33.2	42.4	52.5	62.6	74.2	85.6
65°	0.0	5.8	11.7	19.8	28.9	38.1	48.9	60.1	72.8	85.6	98.6
62.5°	0.0	6.4	12.7	22.5	32.4	43.4	55.3	68.5	82.8	97.1	112.0
60°	0.0	6.9	13.8	25.1	35.9	48.5	61.6	77.1	92.6	108.9	125.1
57.5°	0.0	7.4	15.5	27.7	39.8	53.5	68.7	85.5	102.8	120.5	137.9
55°	0.0	7.9	17.2	30.2	43.6	58.4	75.7	93.7	112.8	131.8	150.5
52.5°	0.0	8.4	18.8	32.6	47.4	63.2	82.5	102.3	122.6	142.7	162.6
50°	0.0	8.9	20.4	35.0	50.9	68.7	89.1	110.6	132.1	153.4	174.8
47.5°	0.0	9.3	21.9	37.4	54.4	74.0	95.6	118.8	141.2	163.7	186.8
45°	0.0	9.8	23.3	39.8	57.7	79.1	102.4	126.7	150.1	174.1	198.4
42.5°	0.0	10.2	24.7	42.2	60.8	84.0	108.9	134.3	158.7	184.3	208.8
40°	0.0	10.6	26.1	44.4	64.2	88.7	115.2	141.4	167.1	194.1	218.6
37.5°	0.0	10.9	27.3	46.5	67.7	93.1	121.2	148.3	175.3	203.0	227.8
35°	0.0	11.3	28.5	48.5	71.1	97.7	127.0	154.8	183.0	210.7	236.6
32.5°	0.0	11.6	29.7	50.3	74.2	102.2	132.4	160.9	190.2	218.0	245.1
30°	0.0	12.0	30.7	52.0	77.1	106.4	137.3	166.6	196.9	224.8	252.9
27.5°	0.0	12.2	31.7	53.6	80.0	110.3	141.8	172.1	202.9	231.1	259.9
25°	0.0	12.5	32.6	55.1	82.6	114.0	146.0	177.1	208.0	236.9	266.2
22.5°	0.0	12.7	33.4	56.5	85.0	117.3	149.9	181.6	212.7	242.1	271.7
20°	0.0	13.0	34.1	57.7	87.3	120.4	153.4	185.7	216.9	246.6	276.6
17.5°	0.0	13.2	34.8	58.8	89.3	123.0	156.4	189.2	220.7	250.5	280.9
15°	0.0	13.3	35.3	59.7	91.1	125.3	159.0	192.3	223.9	253.8	284.6
12.5°	0.0	13.5	35.8	60.5	92.7	127.3	161.2	194.9	226.7	256.4	287.6
10°	0.0	13.6	36.2	61.1	94.0	128.8	163.0	197.0	229.0	259.1	290.0
7.5°	0.0	13.7	36.5	61.6	95.1	130.1	164.4	198.7	230.8	261.5	291.9
5°	0.0	13.7	36.7	62.0	96.0	130.9	165.4	199.8	232.1	263.3	293.0
2.5°	0.0	13.8	36.9	62.2	96.6	131.4	166.0	200.6	232.8	264.6	293.3
0°	0.0	13.8	36.9	62.3	96.9	131.6	166.2	200.8	233.1	265.4	293.1
-2.5°	0.0	13.8	36.9	62.3	96.9	131.6	166.2	200.8	233.1	265.4	293.1
-5°	0.0	13.7	36.7	62.0	96.0	130.9	165.4	199.8	232.1	263.3	293.0
-7.5°	0.0	13.7	36.5	61.6	95.1	130.1	164.4	198.7	230.8	261.5	291.9
-10°	0.0	13.6	36.2	61.1	94.0	128.8	163.0	197.0	229.0	259.1	290.0
-12.5°	0.0	13.5	35.8	60.5	92.7	127.3	161.2	194.9	226.7	256.4	287.6
-15°	0.0	13.3	35.3	59.7	91.1	125.3	159.0	192.3	223.9	253.8	284.6
-17.5°	0.0	13.2	34.8	58.8	89.3	123.0	156.4	189.2	220.7	250.5	280.9
-20°	0.0	13.0	34.1	57.7	87.3	120.4	153.4	185.7	216.9	246.6	276.6



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 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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	33.4	56.5	85.0	117.3	149.9	181.6	212.7	242.1	271.7
-25°	0.0	12.5	32.6	55.1	82.6	114.0	146.0	177.1	208.0	236.9	266.2
-27.5°	0.0	12.2	31.7	53.6	80.0	110.3	141.8	172.1	202.9	231.1	259.9
-30°	0.0	12.0	30.7	52.0	77.1	106.4	137.3	166.6	196.9	224.8	252.9
-32.5°	0.0	11.6	29.7	50.3	74.2	102.2	132.4	160.9	190.2	218.0	245.1
-35°	0.0	11.3	28.5	48.5	71.1	97.7	127.0	154.8	183.0	210.7	236.6
-37.5°	0.0	10.9	27.3	46.5	67.7	93.1	121.2	148.3	175.3	203.0	227.8
-40°	0.0	10.6	26.1	44.4	64.2	88.7	115.2	141.4	167.1	194.1	218.6
-42.5°	0.0	10.2	24.7	42.2	60.8	84.0	108.9	134.3	158.7	184.3	208.8
-45°	0.0	9.8	23.3	39.8	57.7	79.1	102.4	126.7	150.1	174.1	198.4
-47.5°	0.0	9.3	21.9	37.4	54.4	74.0	95.6	118.8	141.2	163.7	186.8
-50°	0.0	8.9	20.4	35.0	50.9	68.7	89.1	110.6	132.1	153.4	174.8
-52.5°	0.0	8.4	18.8	32.6	47.4	63.2	82.5	102.3	122.6	142.7	162.6
-55°	0.0	7.9	17.2	30.2	43.6	58.4	75.7	93.7	112.8	131.8	150.5
-57.5°	0.0	7.4	15.5	27.7	39.8	53.5	68.7	85.5	102.8	120.5	137.9
-60°	0.0	6.9	13.8	25.1	35.9	48.5	61.6	77.1	92.6	108.9	125.1
-62.5°	0.0	6.4	12.7	22.5	32.4	43.4	55.3	68.5	82.8	97.1	112.0
-65°	0.0	5.8	11.7	19.8	28.9	38.1	48.9	60.1	72.8	85.6	98.6
-67.5°	0.0	5.3	10.6	17.1	25.4	33.2	42.4	52.5	62.6	74.2	85.6
-70°	0.0	4.7	9.4	14.3	21.8	28.8	35.7	44.8	53.9	62.6	72.8
-72.5°	0.0	4.1	8.3	12.4	18.2	24.4	30.3	37.1	45.2	53.0	60.3
-75°	0.0	3.6	7.1	10.7	14.5	19.9	25.0	30.5	36.4	43.3	49.8
-77.5°	0.0	3.0	6.0	8.9	11.9	15.4	19.7	24.3	29.1	34.0	39.3
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.4	18.0	21.7	25.6	29.5
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.3	17.1	19.9
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.4	16.8	18.2	19.4	20.5	21.5	22.8	24.2	25.6
82.5°	22.4	24.7	26.8	28.8	30.5	32.0	33.6	35.9	38.9	41.6	44.0
80°	32.8	35.7	39.1	42.6	46.2	49.7	53.4	57.0	60.1	63.2	66.4
77.5°	44.1	48.7	53.4	58.2	63.2	68.7	74.0	79.1	83.9	88.5	93.1
75°	55.7	61.6	68.7	75.7	82.5	89.1	95.6	102.2	108.5	114.5	120.3
72.5°	68.5	77.1	85.5	93.7	102.6	111.2	119.1	126.5	134.1	141.8	149.0
70°	82.8	92.6	103.1	113.8	124.3	133.7	143.1	152.7	162.2	170.4	177.5
67.5°	97.1	109.2	121.4	133.6	145.0	155.9	167.2	177.8	187.7	196.2	204.3
65°	112.0	125.7	139.1	152.2	164.9	177.8	190.1	201.5	212.2	221.8	230.9
62.5°	126.7	141.5	156.1	170.7	185.5	199.7	212.5	224.6	236.4	246.7	256.6
60°	141.0	157.0	173.1	189.3	205.5	220.4	234.1	246.8	258.8	270.4	280.5
57.5°	155.1	172.3	189.8	207.3	224.2	240.3	254.3	267.9	280.1	291.8	302.4
55°	168.9	187.1	205.9	224.4	242.0	258.7	273.7	287.2	300.3	310.9	321.0
52.5°	182.6	201.6	221.4	240.6	258.7	275.9	291.5	305.1	317.0	327.9	336.9
50°	195.9	215.9	236.2	255.7	274.4	291.9	307.6	320.7	332.0	342.0	350.5
47.5°	208.5	229.6	249.8	270.1	288.9	306.3	321.7	334.0	345.2	354.2	362.1
45°	220.5	242.4	263.4	283.2	302.4	319.5	333.7	346.2	356.4	365.4	373.4
42.5°	231.8	254.7	276.0	295.7	314.6	331.1	345.1	356.7	367.1	376.0	384.8
40°	242.8	266.7	288.2	307.6	326.1	341.7	354.8	366.7	376.8	386.9	396.5
37.5°	253.4	277.6	299.8	319.6	335.8	351.1	364.0	375.7	387.2	398.3	411.2
35°	263.6	288.2	310.5	330.0	346.0	359.3	372.6	385.3	398.6	412.5	427.6
32.5°	273.0	298.3	320.9	338.8	353.8	367.2	381.0	396.3	412.1	428.0	446.4
30°	281.4	307.4	330.2	346.9	360.8	374.2	390.4	407.9	426.4	444.8	466.2
27.5°	288.8	316.0	337.2	353.4	367.0	379.9	397.9	420.7	440.7	460.3	483.9
25°	295.5	322.8	343.6	358.9	371.7	385.5	404.2	427.6	452.9	474.2	507.2
22.5°	301.4	329.0	349.6	363.8	375.3	390.2	409.2	432.3	458.3	485.1	530.7
20°	306.4	333.6	354.6	367.9	378.0	393.6	411.9	435.5	464.4	503.2	553.7
17.5°	310.8	338.2	358.4	370.6	381.4	396.1	412.9	437.4	471.0	519.5	574.8
15°	314.5	342.7	361.6	372.9	384.0	398.5	416.7	442.3	481.0	534.5	594.2
12.5°	317.6	347.0	364.2	374.7	385.7	400.3	420.8	450.1	492.9	549.5	615.6
10°	320.1	351.0	366.3	376.2	386.6	401.5	424.3	456.1	502.8	563.4	634.5
7.5°	322.3	354.1	368.0	377.2	386.8	402.1	427.2	460.5	510.0	574.9	650.4
5°	324.0	356.2	369.5	378.0	386.7	402.3	429.4	463.2	514.6	583.5	662.2
2.5°	325.0	357.4	370.7	378.4	386.2	402.3	431.0	467.7	520.1	590.0	669.4
0°	325.4	357.8	371.6	378.5	385.5	401.6	431.6	470.9	523.9	593.2	671.7
-2.5°	325.0	357.4	370.7	378.4	386.2	402.3	431.0	467.7	520.1	590.0	669.4
-5°	324.0	356.2	369.5	378.0	386.7	402.3	429.4	463.2	514.6	583.5	662.2
-7.5°	322.3	354.1	368.0	377.2	386.8	402.1	427.2	460.5	510.0	574.9	650.4
-10°	320.1	351.0	366.3	376.2	386.6	401.5	424.3	456.1	502.8	563.4	634.5
-12.5°	317.6	347.0	364.2	374.7	385.7	400.3	420.8	450.1	492.9	549.5	615.6
-15°	314.5	342.7	361.6	372.9	384.0	398.5	416.7	442.3	481.0	534.5	594.2
-17.5°	310.8	338.2	358.4	370.6	381.4	396.1	412.9	437.4	471.0	519.5	574.8
-20°	306.4	333.6	354.6	367.9	378.0	393.6	411.9	435.5	464.4	503.2	553.7



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	301.4	329.0	349.6	363.8	375.3	390.2	409.2	432.3	458.3	485.1	530.7
-25°	295.5	322.8	343.6	358.9	371.7	385.5	404.2	427.6	452.9	474.2	507.2
-27.5°	288.8	316.0	337.2	353.4	367.0	379.9	397.9	420.7	440.7	460.3	483.9
-30°	281.4	307.4	330.2	346.9	360.8	374.2	390.4	407.9	426.4	444.8	466.2
-32.5°	273.0	298.3	320.9	338.8	353.8	367.2	381.0	396.3	412.1	428.0	446.4
-35°	263.6	288.2	310.5	330.0	346.0	359.3	372.6	385.3	398.6	412.5	427.6
-37.5°	253.4	277.6	299.8	319.6	335.8	351.1	364.0	375.7	387.2	398.3	411.2
-40°	242.8	266.7	288.2	307.6	326.1	341.7	354.8	366.7	376.8	386.9	396.5
-42.5°	231.8	254.7	276.0	295.7	314.6	331.1	345.1	356.7	367.1	376.0	384.8
-45°	220.5	242.4	263.4	283.2	302.4	319.5	333.7	346.2	356.4	365.4	373.4
-47.5°	208.5	229.6	249.8	270.1	288.9	306.3	321.7	334.0	345.2	354.2	362.1
-50°	195.9	215.9	236.2	255.7	274.4	291.9	307.6	320.7	332.0	342.0	350.5
-52.5°	182.6	201.6	221.4	240.6	258.7	275.9	291.5	305.1	317.0	327.9	336.9
-55°	168.9	187.1	205.9	224.4	242.0	258.7	273.7	287.2	300.3	310.9	321.0
-57.5°	155.1	172.3	189.8	207.3	224.2	240.3	254.3	267.9	280.1	291.8	302.4
-60°	141.0	157.0	173.1	189.3	205.5	220.4	234.1	246.8	258.8	270.4	280.5
-62.5°	126.7	141.5	156.1	170.7	185.5	199.7	212.5	224.6	236.4	246.7	256.6
-65°	112.0	125.7	139.1	152.2	164.9	177.8	190.1	201.5	212.2	221.8	230.9
-67.5°	97.1	109.2	121.4	133.6	145.0	155.9	167.2	177.8	187.7	196.2	204.3
-70°	82.8	92.6	103.1	113.8	124.3	133.7	143.1	152.7	162.2	170.4	177.5
-72.5°	68.5	77.1	85.5	93.7	102.6	111.2	119.1	126.5	134.1	141.8	149.0
-75°	55.7	61.6	68.7	75.7	82.5	89.1	95.6	102.2	108.5	114.5	120.3
-77.5°	44.1	48.7	53.4	58.2	63.2	68.7	74.0	79.1	83.9	88.5	93.1
-80°	32.8	35.7	39.1	42.6	46.2	49.7	53.4	57.0	60.1	63.2	66.4
-82.5°	22.4	24.7	26.8	28.8	30.5	32.0	33.6	35.9	38.9	41.6	44.0
-85°	12.7	13.8	15.4	16.8	18.2	19.4	20.5	21.5	22.8	24.2	25.6
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
-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: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	13.5	13.6
85°	27.0	27.9	28.7	29.5	30.3	31.2	31.9	32.6	33.2	34.1	35.1
82.5°	46.2	48.0	49.7	51.3	52.8	54.6	56.3	57.9	59.4	60.4	61.1
80°	69.4	72.6	75.4	77.9	80.1	82.9	85.5	87.9	90.1	91.5	92.6
77.5°	97.5	101.4	105.1	108.5	111.8	114.9	117.5	119.7	121.4	123.5	125.5
75°	125.7	130.9	135.8	140.2	144.1	147.6	150.7	153.6	156.2	158.6	160.6
72.5°	155.5	161.4	166.7	171.5	176.1	180.6	184.8	188.5	191.7	194.5	196.8
70°	184.2	190.6	197.0	203.0	208.5	213.5	218.1	222.1	225.6	228.6	231.0
67.5°	211.9	219.2	226.5	233.2	239.2	244.6	249.7	254.4	258.7	262.0	264.2
65°	239.5	247.6	255.4	262.4	268.5	274.0	279.8	284.8	289.1	292.2	294.3
62.5°	266.4	275.1	282.7	289.9	296.8	302.7	307.5	312.1	316.3	319.8	321.9
60°	290.2	299.4	306.8	313.5	319.8	325.5	330.4	335.2	339.7	343.7	346.7
57.5°	311.4	319.8	327.3	333.4	339.1	344.2	349.0	352.9	356.1	358.5	360.6
55°	329.8	337.3	344.4	350.4	355.3	359.5	363.0	365.8	368.0	369.6	370.8
52.5°	345.5	352.5	359.5	365.3	369.1	372.5	375.5	378.9	380.8	381.2	381.0
50°	358.1	365.6	371.8	377.0	382.2	388.0	394.1	397.1	398.3	397.5	396.5
47.5°	369.7	376.9	383.7	390.3	397.8	407.5	417.4	422.1	421.7	419.6	418.6
45°	381.1	388.9	397.0	407.0	417.5	430.1	441.7	448.9	448.9	449.2	450.8
42.5°	392.9	402.7	413.7	427.3	441.1	455.3	467.5	476.6	483.2	491.4	498.2
40°	407.5	418.5	434.9	451.7	469.7	484.8	503.8	520.2	533.6	545.8	555.1
37.5°	424.6	440.4	461.2	482.8	506.1	529.6	551.8	572.6	590.3	610.5	625.5
35°	445.2	467.6	492.9	519.9	548.9	578.7	607.3	640.5	669.5	695.5	716.7
32.5°	469.2	496.2	527.3	563.1	599.4	638.7	679.9	722.5	763.4	806.1	848.7
30°	493.2	529.0	568.6	612.1	654.8	706.2	759.8	829.3	902.2	985.3	1113.1
27.5°	522.6	565.3	611.4	661.5	720.1	785.9	889.2	1017.7	1237.0	1400.9	1841.3
25°	551.3	600.0	659.3	724.3	803.0	923.3	1170.1	1455.8	2091.8	2687.3	3375.2
22.5°	580.4	641.2	712.2	791.4	928.3	1237.9	1708.2	2569.3	3551.9	4594.7	5656.9
20°	609.8	681.3	770.3	902.5	1189.0	1718.8	2774.4	4158.1	5554.3	7259.8	8734.7
17.5°	642.9	731.5	847.8	1046.7	1518.7	2653.9	4215.2	6135.3	8295.8	10488.5	12329.5
15°	670.2	774.0	929.7	1318.5	2209.6	3715.8	5758.9	8361.6	11307.6	14079.6	16444.0
12.5°	700.3	821.2	1026.0	1539.0	2847.1	4827.4	7519.9	10722.8	14256.9	18055.1	24068.9
10°	728.1	868.6	1187.3	1996.8	3581.9	5950.6	9096.9	12705.8	16991.8	24596.4	38812.3
7.5°	751.6	906.2	1308.7	2338.0	4247.0	7010.2	10382.6	14401.4	20845.2	33621.4	57543.3
5°	767.5	931.2	1393.1	2593.4	4776.8	7791.9	11204.4	15518.0	24776.6	44653.3	73457.7
2.5°	778.7	944.7	1438.0	2742.3	5112.0	8309.3	11786.7	16269.3	27416.0	51034.5	84782.3
0°	787.1	948.6	1447.2	2871.3	5225.6	8484.8	11815.4	16470.9	28321.0	53525.9	88817.5
-2.5°	778.7	944.7	1438.0	2742.3	5112.0	8309.3	11786.7	16269.3	27416.0	51034.5	84782.3
-5°	767.5	931.2	1393.1	2593.4	4776.8	7791.9	11204.4	15518.0	24776.6	44653.3	73457.7
-7.5°	751.6	906.2	1308.7	2338.0	4247.0	7010.2	10382.6	14401.4	20845.2	33621.4	57543.3
-10°	728.1	868.6	1187.3	1996.8	3581.9	5950.6	9096.9	12705.8	16991.8	24596.4	38812.3
-12.5°	700.3	821.2	1026.0	1539.0	2847.1	4827.4	7519.9	10722.8	14256.9	18055.1	24068.9
-15°	670.2	774.0	929.7	1318.5	2209.6	3715.8	5758.9	8361.6	11307.6	14079.6	16444.0
-17.5°	642.9	731.5	847.8	1046.7	1518.7	2653.9	4215.2	6135.3	8295.8	10488.5	12329.5
-20°	609.8	681.3	770.3	902.5	1189.0	1718.8	2774.4	4158.1	5554.3	7259.8	8734.7



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	580.4	641.2	712.2	791.4	928.3	1237.9	1708.2	2569.3	3551.9	4594.7	5656.9
-25°	551.3	600.0	659.3	724.3	803.0	923.3	1170.1	1455.8	2091.8	2687.3	3375.2
-27.5°	522.6	565.3	611.4	661.5	720.1	785.9	889.2	1017.7	1237.0	1400.9	1841.3
-30°	493.2	529.0	568.6	612.1	654.8	706.2	759.8	829.3	902.2	985.3	1113.1
-32.5°	469.2	496.2	527.3	563.1	599.4	638.7	679.9	722.5	763.4	806.1	848.7
-35°	445.2	467.6	492.9	519.9	548.9	578.7	607.3	640.5	669.5	695.5	716.7
-37.5°	424.6	440.4	461.2	482.8	506.1	529.6	551.8	572.6	590.3	610.5	625.5
-40°	407.5	418.5	434.9	451.7	469.7	484.8	503.8	520.2	533.6	545.8	555.1
-42.5°	392.9	402.7	413.7	427.3	441.1	455.3	467.5	476.6	483.2	491.4	498.2
-45°	381.1	388.9	397.0	407.0	417.5	430.1	441.7	448.9	448.9	449.2	450.8
-47.5°	369.7	376.9	383.7	390.3	397.8	407.5	417.4	422.1	421.7	419.6	418.6
-50°	358.1	365.6	371.8	377.0	382.2	388.0	394.1	397.1	398.3	397.5	396.5
-52.5°	345.5	352.5	359.5	365.3	369.1	372.5	375.5	378.9	380.8	381.2	381.0
-55°	329.8	337.3	344.4	350.4	355.3	359.5	363.0	365.8	368.0	369.6	370.8
-57.5°	311.4	319.8	327.3	333.4	339.1	344.2	349.0	352.9	356.1	358.5	360.6
-60°	290.2	299.4	306.8	313.5	319.8	325.5	330.4	335.2	339.7	343.7	346.7
-62.5°	266.4	275.1	282.7	289.9	296.8	302.7	307.5	312.1	316.3	319.8	321.9
-65°	239.5	247.6	255.4	262.4	268.5	274.0	279.8	284.8	289.1	292.2	294.3
-67.5°	211.9	219.2	226.5	233.2	239.2	244.6	249.7	254.4	258.7	262.0	264.2
-70°	184.2	190.6	197.0	203.0	208.5	213.5	218.1	222.1	225.6	228.6	231.0
-72.5°	155.5	161.4	166.7	171.5	176.1	180.6	184.8	188.5	191.7	194.5	196.8
-75°	125.7	130.9	135.8	140.2	144.1	147.6	150.7	153.6	156.2	158.6	160.6
-77.5°	97.5	101.4	105.1	108.5	111.8	114.9	117.5	119.7	121.4	123.5	125.5
-80°	69.4	72.6	75.4	77.9	80.1	82.9	85.5	87.9	90.1	91.5	92.6
-82.5°	46.2	48.0	49.7	51.3	52.8	54.6	56.3	57.9	59.4	60.4	61.1
-85°	27.0	27.9	28.7	29.5	30.3	31.2	31.9	32.6	33.2	34.1	35.1
-87.5°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	13.5	13.6
-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: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	12.6
85°	35.9	36.7	35.7	34.6	35.7	36.7	35.9	35.1	34.1	33.2	32.6
82.5°	61.6	62.0	62.2	62.3	62.2	62.0	61.6	61.1	60.4	59.4	57.9
80°	93.5	94.1	95.6	96.9	95.6	94.1	93.5	92.6	91.5	90.1	87.9
77.5°	127.2	128.6	129.1	129.3	129.1	128.6	127.2	125.5	123.5	121.4	119.7
75°	162.0	163.1	165.9	168.5	165.9	163.1	162.0	160.6	158.6	156.2	153.6
72.5°	198.5	199.8	201.6	203.1	201.6	199.8	198.5	196.8	194.5	191.7	188.5
70°	232.9	234.3	235.1	235.4	235.1	234.3	232.9	231.0	228.6	225.6	222.1
67.5°	265.8	266.6	266.4	265.4	266.4	266.6	265.8	264.2	262.0	258.7	254.4
65°	295.8	296.7	296.4	295.4	296.4	296.7	295.8	294.3	292.2	289.1	284.8
62.5°	323.4	324.3	325.1	325.4	325.1	324.3	323.4	321.9	319.8	316.3	312.1
60°	349.3	351.5	352.8	353.1	352.8	351.5	349.3	346.7	343.7	339.7	335.2
57.5°	362.4	363.8	364.5	364.7	364.5	363.8	362.4	360.6	358.5	356.1	352.9
55°	371.3	371.4	370.6	369.3	370.6	371.4	371.3	370.8	369.6	368.0	365.8
52.5°	380.2	378.9	378.4	378.5	378.4	378.9	380.2	381.0	381.2	380.8	378.9
50°	395.2	393.1	392.1	392.4	392.1	393.1	395.2	396.5	397.5	398.3	397.1
47.5°	420.0	420.9	421.8	422.4	421.8	420.9	420.0	418.6	419.6	421.7	422.1
45°	455.5	458.7	460.7	461.6	460.7	458.7	455.5	450.8	449.2	448.9	448.9
42.5°	505.2	509.1	510.6	510.1	510.6	509.1	505.2	498.2	491.4	483.2	476.6
40°	564.8	572.6	577.0	577.0	577.0	572.6	564.8	555.1	545.8	533.6	520.2
37.5°	639.1	649.6	654.8	653.2	654.8	649.6	639.1	625.5	610.5	590.3	572.6
35°	732.9	743.2	747.5	752.5	747.5	743.2	732.9	716.7	695.5	669.5	640.5
32.5°	882.3	903.2	911.6	900.2	911.6	903.2	882.3	848.7	806.1	763.4	722.5
30°	1199.5	1276.1	1327.3	1352.6	1327.3	1276.1	1199.5	1113.1	985.3	902.2	829.3
27.5°	2144.3	2344.9	2429.7	2476.6	2429.7	2344.9	2144.3	1841.3	1400.9	1237.0	1017.7
25°	3964.3	4392.3	4638.6	4618.6	4638.6	4392.3	3964.3	3375.2	2687.3	2091.8	1455.8
22.5°	6643.9	7319.2	7724.3	7873.1	7724.3	7319.2	6643.9	5656.9	4594.7	3551.9	2569.3
20°	9965.8	10723.1	11119.1	11178.4	11119.1	10723.1	9965.8	8734.7	7259.8	5554.3	4158.1
17.5°	13778.4	14496.3	14913.5	14908.3	14913.5	14496.3	13778.4	12329.5	10488.5	8295.8	6135.3
15°	19664.3	22442.9	24009.7	23780.8	24009.7	22442.9	19664.3	16444.0	14079.6	11307.6	8361.6
12.5°	32221.4	43319.3	50203.3	51903.3	50203.3	43319.3	32221.4	24068.9	18055.1	14256.9	10722.8
10°	56939.4	73542.6	86802.2	90634.0	86802.2	73542.6	56939.4	38812.3	24596.4	16991.8	12705.8
7.5°	81903.6	101608.9	109718.5	110660.7	109718.5	101608.9	81903.6	57543.3	33621.4	20845.2	14401.4
5°	100746.7	120797.5	123118.3	117288.5	123118.3	120797.5	100746.7	73457.7	44653.3	24776.6	15518.0
2.5°	113184.7	128333.4	130496.8	127359.0	130496.8	128333.4	113184.7	84782.3	51034.5	27416.0	16269.3
0°	116021.3	126329.5	129402.8	129738.7	129402.8	126329.5	116021.3	88817.5	53525.9	28321.0	16470.9
-2.5°	113184.7	128333.4	130496.8	127359.0	130496.8	128333.4	113184.7	84782.3	51034.5	27416.0	16269.3
-5°	100746.7	120797.5	123118.3	117288.5	123118.3	120797.5	100746.7	73457.7	44653.3	24776.6	15518.0
-7.5°	81903.6	101608.9	109718.5	110660.7	109718.5	101608.9	81903.6	57543.3	33621.4	20845.2	14401.4
-10°	56939.4	73542.6	86802.2	90634.0	86802.2	73542.6	56939.4	38812.3	24596.4	16991.8	12705.8
-12.5°	32221.4	43319.3	50203.3	51903.3	50203.3	43319.3	32221.4	24068.9	18055.1	14256.9	10722.8
-15°	19664.3	22442.9	24009.7	23780.8	24009.7	22442.9	19664.3	16444.0	14079.6	11307.6	8361.6
-17.5°	13778.4	14496.3	14913.5	14908.3	14913.5	14496.3	13778.4	12329.5	10488.5	8295.8	6135.3
-20°	9965.8	10723.1	11119.1	11178.4	11119.1	10723.1	9965.8	8734.7	7259.8	5554.3	4158.1



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6643.9	7319.2	7724.3	7873.1	7724.3	7319.2	6643.9	5656.9	4594.7	3551.9	2569.3
-25°	3964.3	4392.3	4638.6	4618.6	4638.6	4392.3	3964.3	3375.2	2687.3	2091.8	1455.8
-27.5°	2144.3	2344.9	2429.7	2476.6	2429.7	2344.9	2144.3	1841.3	1400.9	1237.0	1017.7
-30°	1199.5	1276.1	1327.3	1352.6	1327.3	1276.1	1199.5	1113.1	985.3	902.2	829.3
-32.5°	882.3	903.2	911.6	900.2	911.6	903.2	882.3	848.7	806.1	763.4	722.5
-35°	732.9	743.2	747.5	752.5	747.5	743.2	732.9	716.7	695.5	669.5	640.5
-37.5°	639.1	649.6	654.8	653.2	654.8	649.6	639.1	625.5	610.5	590.3	572.6
-40°	564.8	572.6	577.0	577.0	577.0	572.6	564.8	555.1	545.8	533.6	520.2
-42.5°	505.2	509.1	510.6	510.1	510.6	509.1	505.2	498.2	491.4	483.2	476.6
-45°	455.5	458.7	460.7	461.6	460.7	458.7	455.5	450.8	449.2	448.9	448.9
-47.5°	420.0	420.9	421.8	422.4	421.8	420.9	420.0	418.6	419.6	421.7	422.1
-50°	395.2	393.1	392.1	392.4	392.1	393.1	395.2	396.5	397.5	398.3	397.1
-52.5°	380.2	378.9	378.4	378.5	378.4	378.9	380.2	381.0	381.2	380.8	378.9
-55°	371.3	371.4	370.6	369.3	370.6	371.4	371.3	370.8	369.6	368.0	365.8
-57.5°	362.4	363.8	364.5	364.7	364.5	363.8	362.4	360.6	358.5	356.1	352.9
-60°	349.3	351.5	352.8	353.1	352.8	351.5	349.3	346.7	343.7	339.7	335.2
-62.5°	323.4	324.3	325.1	325.4	325.1	324.3	323.4	321.9	319.8	316.3	312.1
-65°	295.8	296.7	296.4	295.4	296.4	296.7	295.8	294.3	292.2	289.1	284.8
-67.5°	265.8	266.6	266.4	265.4	266.4	266.6	265.8	264.2	262.0	258.7	254.4
-70°	232.9	234.3	235.1	235.4	235.1	234.3	232.9	231.0	228.6	225.6	222.1
-72.5°	198.5	199.8	201.6	203.1	201.6	199.8	198.5	196.8	194.5	191.7	188.5
-75°	162.0	163.1	165.9	168.5	165.9	163.1	162.0	160.6	158.6	156.2	153.6
-77.5°	127.2	128.6	129.1	129.3	129.1	128.6	127.2	125.5	123.5	121.4	119.7
-80°	93.5	94.1	95.6	96.9	95.6	94.1	93.5	92.6	91.5	90.1	87.9
-82.5°	61.6	62.0	62.2	62.3	62.2	62.0	61.6	61.1	60.4	59.4	57.9
-85°	35.9	36.7	35.7	34.6	35.7	36.7	35.9	35.1	34.1	33.2	32.6
-87.5°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	12.6
-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: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
85°	31.9	31.2	30.3	29.5	28.7	27.9	27.0	25.6	24.2	22.8	21.5
82.5°	56.3	54.6	52.8	51.3	49.7	48.0	46.2	44.0	41.6	38.9	35.9
80°	85.5	82.9	80.1	77.9	75.4	72.6	69.4	66.4	63.2	60.1	57.0
77.5°	117.5	114.9	111.8	108.5	105.1	101.4	97.5	93.1	88.5	83.9	79.1
75°	150.7	147.6	144.1	140.2	135.8	130.9	125.7	120.3	114.5	108.5	102.2
72.5°	184.8	180.6	176.1	171.5	166.7	161.4	155.5	149.0	141.8	134.1	126.5
70°	218.1	213.5	208.5	203.0	197.0	190.6	184.2	177.5	170.4	162.2	152.7
67.5°	249.7	244.6	239.2	233.2	226.5	219.2	211.9	204.3	196.2	187.7	177.8
65°	279.8	274.0	268.5	262.4	255.4	247.6	239.5	230.9	221.8	212.2	201.5
62.5°	307.5	302.7	296.8	289.9	282.7	275.1	266.4	256.6	246.7	236.4	224.6
60°	330.4	325.5	319.8	313.5	306.8	299.4	290.2	280.5	270.4	258.8	246.8
57.5°	349.0	344.2	339.1	333.4	327.3	319.8	311.4	302.4	291.8	280.1	267.9
55°	363.0	359.5	355.3	350.4	344.4	337.3	329.8	321.0	310.9	300.3	287.2
52.5°	375.5	372.5	369.1	365.3	359.5	352.5	345.5	336.9	327.9	317.0	305.1
50°	394.1	388.0	382.2	377.0	371.8	365.6	358.1	350.5	342.0	332.0	320.7
47.5°	417.4	407.5	397.8	390.3	383.7	376.9	369.7	362.1	354.2	345.2	334.0
45°	441.7	430.1	417.5	407.0	397.0	388.9	381.1	373.4	365.4	356.4	346.2
42.5°	467.5	455.3	441.1	427.3	413.7	402.7	392.9	384.8	376.0	367.1	356.7
40°	503.8	484.8	469.7	451.7	434.9	418.5	407.5	396.5	386.9	376.8	366.7
37.5°	551.8	529.6	506.1	482.8	461.2	440.4	424.6	411.2	398.3	387.2	375.7
35°	607.3	578.7	548.9	519.9	492.9	467.6	445.2	427.6	412.5	398.6	385.3
32.5°	679.9	638.7	599.4	563.1	527.3	496.2	469.2	446.4	428.0	412.1	396.3
30°	759.8	706.2	654.8	612.1	568.6	529.0	493.2	466.2	444.8	426.4	407.9
27.5°	889.2	785.9	720.1	661.5	611.4	565.3	522.6	483.9	460.3	440.7	420.7
25°	1170.1	923.3	803.0	724.3	659.3	600.0	551.3	507.2	474.2	452.9	427.6
22.5°	1708.2	1237.9	928.3	791.4	712.2	641.2	580.4	530.7	485.1	458.3	432.3
20°	2774.4	1718.8	1189.0	902.5	770.3	681.3	609.8	553.7	503.2	464.4	435.5
17.5°	4215.2	2653.9	1518.7	1046.7	847.8	731.5	642.9	574.8	519.5	471.0	437.4
15°	5758.9	3715.8	2209.6	1318.5	929.7	774.0	670.2	594.2	534.5	481.0	442.3
12.5°	7519.9	4827.4	2847.1	1539.0	1026.0	821.2	700.3	615.6	549.5	492.9	450.1
10°	9096.9	5950.6	3581.9	1996.8	1187.3	868.6	728.1	634.5	563.4	502.8	456.1
7.5°	10382.6	7010.2	4247.0	2338.0	1308.7	906.2	751.6	650.4	574.9	510.0	460.5
5°	11204.4	7791.9	4776.8	2593.4	1393.1	931.2	767.5	662.2	583.5	514.6	463.2
2.5°	11786.7	8309.3	5112.0	2742.3	1438.0	944.7	778.7	669.4	590.0	520.1	467.7
0°	11815.4	8484.8	5225.6	2871.3	1447.2	948.6	787.1	671.7	593.2	523.9	470.9
-2.5°	11786.7	8309.3	5112.0	2742.3	1438.0	944.7	778.7	669.4	590.0	520.1	467.7
-5°	11204.4	7791.9	4776.8	2593.4	1393.1	931.2	767.5	662.2	583.5	514.6	463.2
-7.5°	10382.6	7010.2	4247.0	2338.0	1308.7	906.2	751.6	650.4	574.9	510.0	460.5
-10°	9096.9	5950.6	3581.9	1996.8	1187.3	868.6	728.1	634.5	563.4	502.8	456.1
-12.5°	7519.9	4827.4	2847.1	1539.0	1026.0	821.2	700.3	615.6	549.5	492.9	450.1
-15°	5758.9	3715.8	2209.6	1318.5	929.7	774.0	670.2	594.2	534.5	481.0	442.3
-17.5°	4215.2	2653.9	1518.7	1046.7	847.8	731.5	642.9	574.8	519.5	471.0	437.4
-20°	2774.4	1718.8	1189.0	902.5	770.3	681.3	609.8	553.7	503.2	464.4	435.5



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1708.2	1237.9	928.3	791.4	712.2	641.2	580.4	530.7	485.1	458.3	432.3
-25°	1170.1	923.3	803.0	724.3	659.3	600.0	551.3	507.2	474.2	452.9	427.6
-27.5°	889.2	785.9	720.1	661.5	611.4	565.3	522.6	483.9	460.3	440.7	420.7
-30°	759.8	706.2	654.8	612.1	568.6	529.0	493.2	466.2	444.8	426.4	407.9
-32.5°	679.9	638.7	599.4	563.1	527.3	496.2	469.2	446.4	428.0	412.1	396.3
-35°	607.3	578.7	548.9	519.9	492.9	467.6	445.2	427.6	412.5	398.6	385.3
-37.5°	551.8	529.6	506.1	482.8	461.2	440.4	424.6	411.2	398.3	387.2	375.7
-40°	503.8	484.8	469.7	451.7	434.9	418.5	407.5	396.5	386.9	376.8	366.7
-42.5°	467.5	455.3	441.1	427.3	413.7	402.7	392.9	384.8	376.0	367.1	356.7
-45°	441.7	430.1	417.5	407.0	397.0	388.9	381.1	373.4	365.4	356.4	346.2
-47.5°	417.4	407.5	397.8	390.3	383.7	376.9	369.7	362.1	354.2	345.2	334.0
-50°	394.1	388.0	382.2	377.0	371.8	365.6	358.1	350.5	342.0	332.0	320.7
-52.5°	375.5	372.5	369.1	365.3	359.5	352.5	345.5	336.9	327.9	317.0	305.1
-55°	363.0	359.5	355.3	350.4	344.4	337.3	329.8	321.0	310.9	300.3	287.2
-57.5°	349.0	344.2	339.1	333.4	327.3	319.8	311.4	302.4	291.8	280.1	267.9
-60°	330.4	325.5	319.8	313.5	306.8	299.4	290.2	280.5	270.4	258.8	246.8
-62.5°	307.5	302.7	296.8	289.9	282.7	275.1	266.4	256.6	246.7	236.4	224.6
-65°	279.8	274.0	268.5	262.4	255.4	247.6	239.5	230.9	221.8	212.2	201.5
-67.5°	249.7	244.6	239.2	233.2	226.5	219.2	211.9	204.3	196.2	187.7	177.8
-70°	218.1	213.5	208.5	203.0	197.0	190.6	184.2	177.5	170.4	162.2	152.7
-72.5°	184.8	180.6	176.1	171.5	166.7	161.4	155.5	149.0	141.8	134.1	126.5
-75°	150.7	147.6	144.1	140.2	135.8	130.9	125.7	120.3	114.5	108.5	102.2
-77.5°	117.5	114.9	111.8	108.5	105.1	101.4	97.5	93.1	88.5	83.9	79.1
-80°	85.5	82.9	80.1	77.9	75.4	72.6	69.4	66.4	63.2	60.1	57.0
-82.5°	56.3	54.6	52.8	51.3	49.7	48.0	46.2	44.0	41.6	38.9	35.9
-85°	31.9	31.2	30.3	29.5	28.7	27.9	27.0	25.6	24.2	22.8	21.5
-87.5°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
-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: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	20.5	19.4	18.2	16.8	15.4	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	33.6	32.0	30.5	28.8	26.8	24.7	22.4	19.9	17.1	14.3	12.4
80°	53.4	49.7	46.2	42.6	39.1	35.7	32.8	29.5	25.6	21.7	18.0
77.5°	74.0	68.7	63.2	58.2	53.4	48.7	44.1	39.3	34.0	29.1	24.3
75°	95.6	89.1	82.5	75.7	68.7	61.6	55.7	49.8	43.3	36.4	30.5
72.5°	119.1	111.2	102.6	93.7	85.5	77.1	68.5	60.3	53.0	45.2	37.1
70°	143.1	133.7	124.3	113.8	103.1	92.6	82.8	72.8	62.6	53.9	44.8
67.5°	167.2	155.9	145.0	133.6	121.4	109.2	97.1	85.6	74.2	62.6	52.5
65°	190.1	177.8	164.9	152.2	139.1	125.7	112.0	98.6	85.6	72.8	60.1
62.5°	212.5	199.7	185.5	170.7	156.1	141.5	126.7	112.0	97.1	82.8	68.5
60°	234.1	220.4	205.5	189.3	173.1	157.0	141.0	125.1	108.9	92.6	77.1
57.5°	254.3	240.3	224.2	207.3	189.8	172.3	155.1	137.9	120.5	102.8	85.5
55°	273.7	258.7	242.0	224.4	205.9	187.1	168.9	150.5	131.8	112.8	93.7
52.5°	291.5	275.9	258.7	240.6	221.4	201.6	182.6	162.6	142.7	122.6	102.3
50°	307.6	291.9	274.4	255.7	236.2	215.9	195.9	174.8	153.4	132.1	110.6
47.5°	321.7	306.3	288.9	270.1	249.8	229.6	208.5	186.8	163.7	141.2	118.8
45°	333.7	319.5	302.4	283.2	263.4	242.4	220.5	198.4	174.1	150.1	126.7
42.5°	345.1	331.1	314.6	295.7	276.0	254.7	231.8	208.8	184.3	158.7	134.3
40°	354.8	341.7	326.1	307.6	288.2	266.7	242.8	218.6	194.1	167.1	141.4
37.5°	364.0	351.1	335.8	319.6	299.8	277.6	253.4	227.8	203.0	175.3	148.3
35°	372.6	359.3	346.0	330.0	310.5	288.2	263.6	236.6	210.7	183.0	154.8
32.5°	381.0	367.2	353.8	338.8	320.9	298.3	273.0	245.1	218.0	190.2	160.9
30°	390.4	374.2	360.8	346.9	330.2	307.4	281.4	252.9	224.8	196.9	166.6
27.5°	397.9	379.9	367.0	353.4	337.2	316.0	288.8	259.9	231.1	202.9	172.1
25°	404.2	385.5	371.7	358.9	343.6	322.8	295.5	266.2	236.9	208.0	177.1
22.5°	409.2	390.2	375.3	363.8	349.6	329.0	301.4	271.7	242.1	212.7	181.6
20°	411.9	393.6	378.0	367.9	354.6	333.6	306.4	276.6	246.6	216.9	185.7
17.5°	412.9	396.1	381.4	370.6	358.4	338.2	310.8	280.9	250.5	220.7	189.2
15°	416.7	398.5	384.0	372.9	361.6	342.7	314.5	284.6	253.8	223.9	192.3
12.5°	420.8	400.3	385.7	374.7	364.2	347.0	317.6	287.6	256.4	226.7	194.9
10°	424.3	401.5	386.6	376.2	366.3	351.0	320.1	290.0	259.1	229.0	197.0
7.5°	427.2	402.1	386.8	377.2	368.0	354.1	322.3	291.9	261.5	230.8	198.7
5°	429.4	402.3	386.7	378.0	369.5	356.2	324.0	293.0	263.3	232.1	199.8
2.5°	431.0	402.3	386.2	378.4	370.7	357.4	325.0	293.3	264.6	232.8	200.6
0°	431.6	401.6	385.5	378.5	371.6	357.8	325.4	293.1	265.4	233.1	200.8
-2.5°	431.0	402.3	386.2	378.4	370.7	357.4	325.0	293.3	264.6	232.8	200.6
-5°	429.4	402.3	386.7	378.0	369.5	356.2	324.0	293.0	263.3	232.1	199.8
-7.5°	427.2	402.1	386.8	377.2	368.0	354.1	322.3	291.9	261.5	230.8	198.7
-10°	424.3	401.5	386.6	376.2	366.3	351.0	320.1	290.0	259.1	229.0	197.0
-12.5°	420.8	400.3	385.7	374.7	364.2	347.0	317.6	287.6	256.4	226.7	194.9
-15°	416.7	398.5	384.0	372.9	361.6	342.7	314.5	284.6	253.8	223.9	192.3
-17.5°	412.9	396.1	381.4	370.6	358.4	338.2	310.8	280.9	250.5	220.7	189.2
-20°	411.9	393.6	378.0	367.9	354.6	333.6	306.4	276.6	246.6	216.9	185.7



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	409.2	390.2	375.3	363.8	349.6	329.0	301.4	271.7	242.1	212.7	181.6
-25°	404.2	385.5	371.7	358.9	343.6	322.8	295.5	266.2	236.9	208.0	177.1
-27.5°	397.9	379.9	367.0	353.4	337.2	316.0	288.8	259.9	231.1	202.9	172.1
-30°	390.4	374.2	360.8	346.9	330.2	307.4	281.4	252.9	224.8	196.9	166.6
-32.5°	381.0	367.2	353.8	338.8	320.9	298.3	273.0	245.1	218.0	190.2	160.9
-35°	372.6	359.3	346.0	330.0	310.5	288.2	263.6	236.6	210.7	183.0	154.8
-37.5°	364.0	351.1	335.8	319.6	299.8	277.6	253.4	227.8	203.0	175.3	148.3
-40°	354.8	341.7	326.1	307.6	288.2	266.7	242.8	218.6	194.1	167.1	141.4
-42.5°	345.1	331.1	314.6	295.7	276.0	254.7	231.8	208.8	184.3	158.7	134.3
-45°	333.7	319.5	302.4	283.2	263.4	242.4	220.5	198.4	174.1	150.1	126.7
-47.5°	321.7	306.3	288.9	270.1	249.8	229.6	208.5	186.8	163.7	141.2	118.8
-50°	307.6	291.9	274.4	255.7	236.2	215.9	195.9	174.8	153.4	132.1	110.6
-52.5°	291.5	275.9	258.7	240.6	221.4	201.6	182.6	162.6	142.7	122.6	102.3
-55°	273.7	258.7	242.0	224.4	205.9	187.1	168.9	150.5	131.8	112.8	93.7
-57.5°	254.3	240.3	224.2	207.3	189.8	172.3	155.1	137.9	120.5	102.8	85.5
-60°	234.1	220.4	205.5	189.3	173.1	157.0	141.0	125.1	108.9	92.6	77.1
-62.5°	212.5	199.7	185.5	170.7	156.1	141.5	126.7	112.0	97.1	82.8	68.5
-65°	190.1	177.8	164.9	152.2	139.1	125.7	112.0	98.6	85.6	72.8	60.1
-67.5°	167.2	155.9	145.0	133.6	121.4	109.2	97.1	85.6	74.2	62.6	52.5
-70°	143.1	133.7	124.3	113.8	103.1	92.6	82.8	72.8	62.6	53.9	44.8
-72.5°	119.1	111.2	102.6	93.7	85.5	77.1	68.5	60.3	53.0	45.2	37.1
-75°	95.6	89.1	82.5	75.7	68.7	61.6	55.7	49.8	43.3	36.4	30.5
-77.5°	74.0	68.7	63.2	58.2	53.4	48.7	44.1	39.3	34.0	29.1	24.3
-80°	53.4	49.7	46.2	42.6	39.1	35.7	32.8	29.5	25.6	21.7	18.0
-82.5°	33.6	32.0	30.5	28.8	26.8	24.7	22.4	19.9	17.1	14.3	12.4
-85°	20.5	19.4	18.2	16.8	15.4	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.4	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	19.7	15.4	11.9	8.9	6.0	3.0	0.0
75°	25.0	19.9	14.5	10.7	7.1	3.6	0.0
72.5°	30.3	24.4	18.2	12.4	8.3	4.1	0.0
70°	35.7	28.8	21.8	14.3	9.4	4.7	0.0
67.5°	42.4	33.2	25.4	17.1	10.6	5.3	0.0
65°	48.9	38.1	28.9	19.8	11.7	5.8	0.0
62.5°	55.3	43.4	32.4	22.5	12.7	6.4	0.0
60°	61.6	48.5	35.9	25.1	13.8	6.9	0.0
57.5°	68.7	53.5	39.8	27.7	15.5	7.4	0.0
55°	75.7	58.4	43.6	30.2	17.2	7.9	0.0
52.5°	82.5	63.2	47.4	32.6	18.8	8.4	0.0
50°	89.1	68.7	50.9	35.0	20.4	8.9	0.0
47.5°	95.6	74.0	54.4	37.4	21.9	9.3	0.0
45°	102.4	79.1	57.7	39.8	23.3	9.8	0.0
42.5°	108.9	84.0	60.8	42.2	24.7	10.2	0.0
40°	115.2	88.7	64.2	44.4	26.1	10.6	0.0
37.5°	121.2	93.1	67.7	46.5	27.3	10.9	0.0
35°	127.0	97.7	71.1	48.5	28.5	11.3	0.0
32.5°	132.4	102.2	74.2	50.3	29.7	11.6	0.0
30°	137.3	106.4	77.1	52.0	30.7	12.0	0.0
27.5°	141.8	110.3	80.0	53.6	31.7	12.2	0.0
25°	146.0	114.0	82.6	55.1	32.6	12.5	0.0
22.5°	149.9	117.3	85.0	56.5	33.4	12.7	0.0
20°	153.4	120.4	87.3	57.7	34.1	13.0	0.0
17.5°	156.4	123.0	89.3	58.8	34.8	13.2	0.0
15°	159.0	125.3	91.1	59.7	35.3	13.3	0.0
12.5°	161.2	127.3	92.7	60.5	35.8	13.5	0.0
10°	163.0	128.8	94.0	61.1	36.2	13.6	0.0
7.5°	164.4	130.1	95.1	61.6	36.5	13.7	0.0
5°	165.4	130.9	96.0	62.0	36.7	13.7	0.0
2.5°	166.0	131.4	96.6	62.2	36.9	13.8	0.0
0°	166.2	131.6	96.9	62.3	36.9	13.8	0.0
-2.5°	166.0	131.4	96.6	62.2	36.9	13.8	0.0
-5°	165.4	130.9	96.0	62.0	36.7	13.7	0.0
-7.5°	164.4	130.1	95.1	61.6	36.5	13.7	0.0
-10°	163.0	128.8	94.0	61.1	36.2	13.6	0.0
-12.5°	161.2	127.3	92.7	60.5	35.8	13.5	0.0
-15°	159.0	125.3	91.1	59.7	35.3	13.3	0.0
-17.5°	156.4	123.0	89.3	58.8	34.8	13.2	0.0
-20°	153.4	120.4	87.3	57.7	34.1	13.0	0.0



REPORT NUMBER: P559079 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	149.9	117.3	85.0	56.5	33.4	12.7	0.0
-25°	146.0	114.0	82.6	55.1	32.6	12.5	0.0
-27.5°	141.8	110.3	80.0	53.6	31.7	12.2	0.0
-30°	137.3	106.4	77.1	52.0	30.7	12.0	0.0
-32.5°	132.4	102.2	74.2	50.3	29.7	11.6	0.0
-35°	127.0	97.7	71.1	48.5	28.5	11.3	0.0
-37.5°	121.2	93.1	67.7	46.5	27.3	10.9	0.0
-40°	115.2	88.7	64.2	44.4	26.1	10.6	0.0
-42.5°	108.9	84.0	60.8	42.2	24.7	10.2	0.0
-45°	102.4	79.1	57.7	39.8	23.3	9.8	0.0
-47.5°	95.6	74.0	54.4	37.4	21.9	9.3	0.0
-50°	89.1	68.7	50.9	35.0	20.4	8.9	0.0
-52.5°	82.5	63.2	47.4	32.6	18.8	8.4	0.0
-55°	75.7	58.4	43.6	30.2	17.2	7.9	0.0
-57.5°	68.7	53.5	39.8	27.7	15.5	7.4	0.0
-60°	61.6	48.5	35.9	25.1	13.8	6.9	0.0
-62.5°	55.3	43.4	32.4	22.5	12.7	6.4	0.0
-65°	48.9	38.1	28.9	19.8	11.7	5.8	0.0
-67.5°	42.4	33.2	25.4	17.1	10.6	5.3	0.0
-70°	35.7	28.8	21.8	14.3	9.4	4.7	0.0
-72.5°	30.3	24.4	18.2	12.4	8.3	4.1	0.0
-75°	25.0	19.9	14.5	10.7	7.1	3.6	0.0
-77.5°	19.7	15.4	11.9	8.9	6.0	3.0	0.0
-80°	14.4	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)