

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: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-927-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

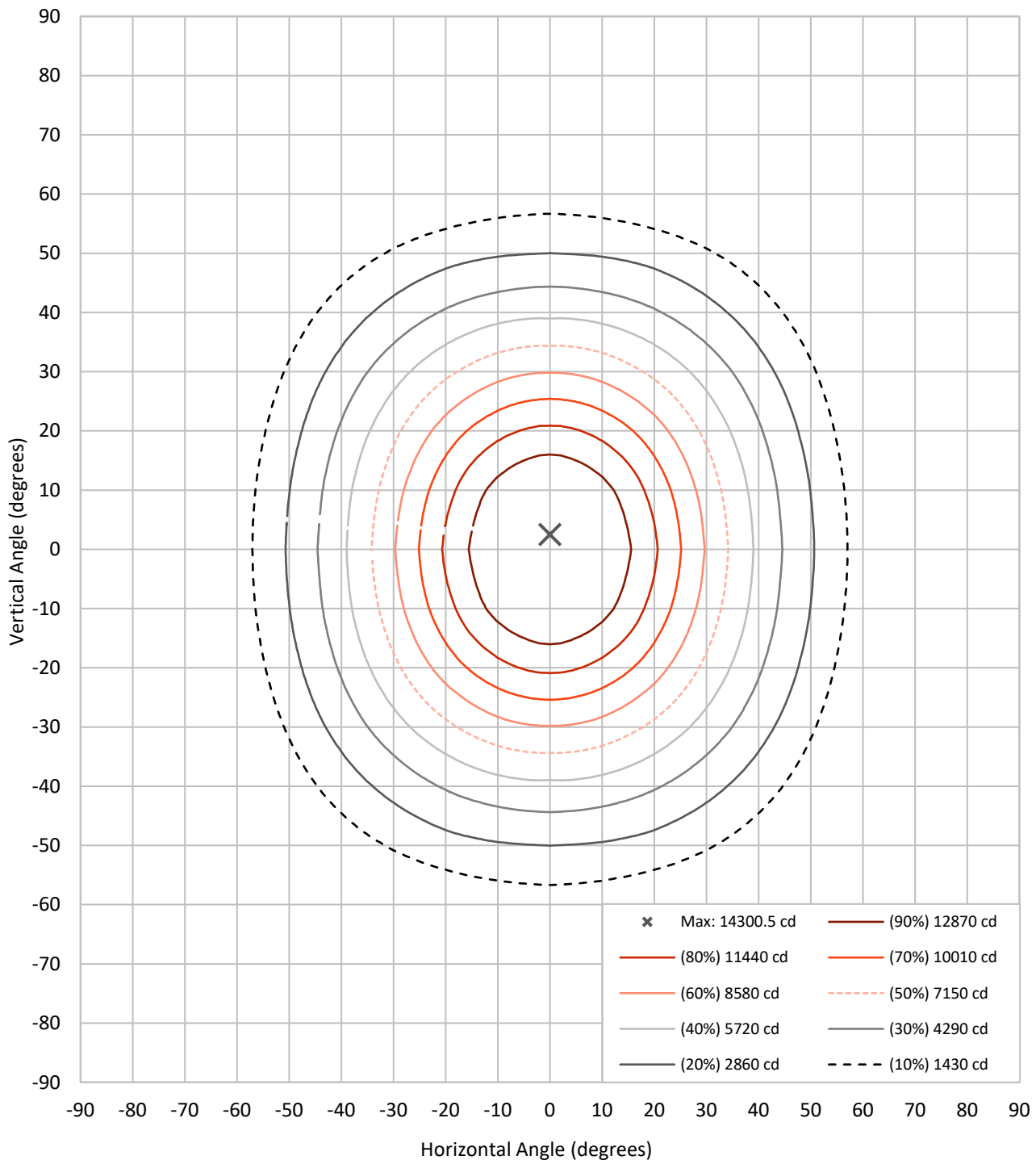
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19354.4 lumens	Max Intensity:	14300.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	11604.4 lumens	Field Lumens:	18488.6 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 217
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

Iso-Candela Plot





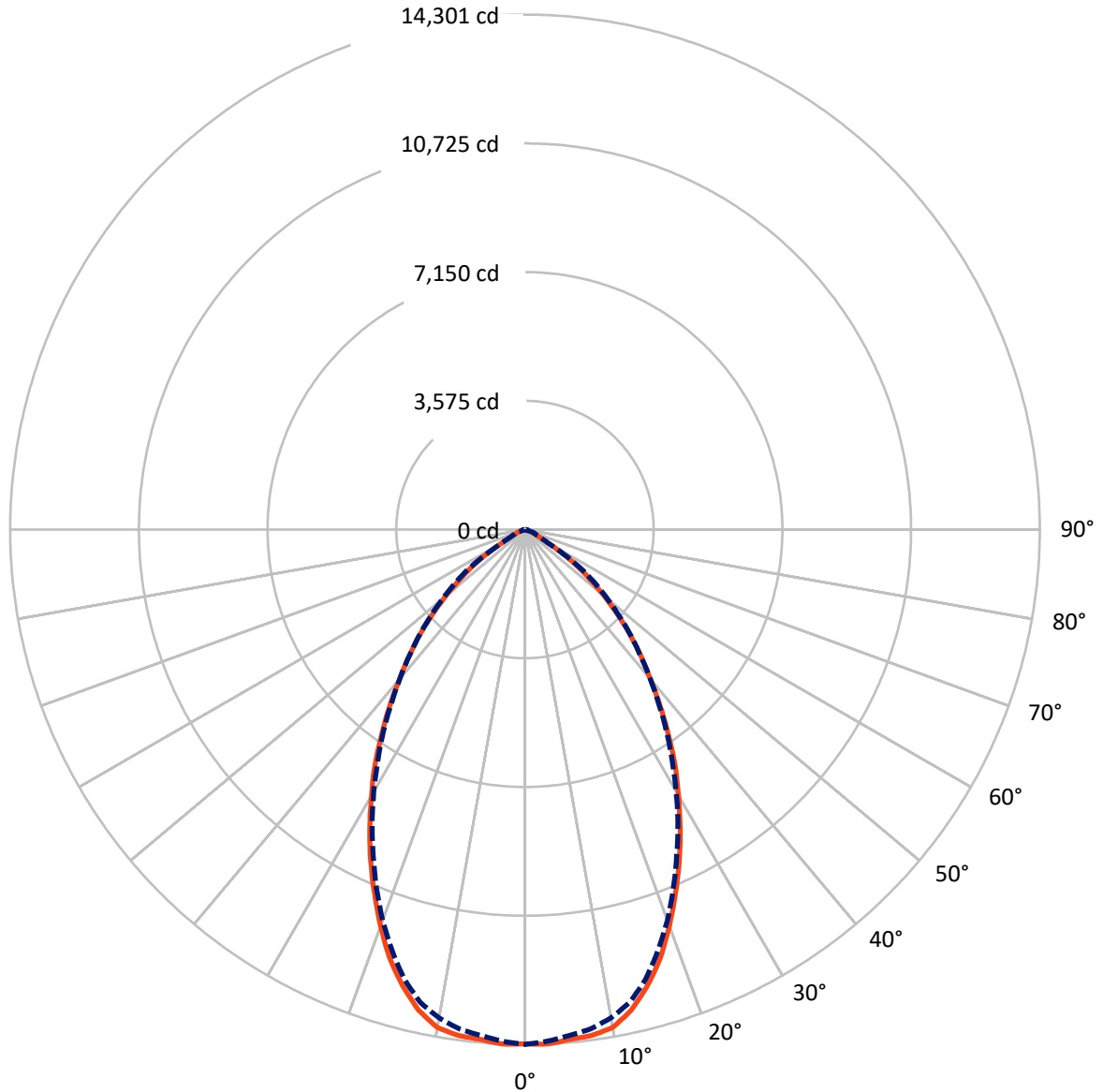
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Lumen Table

90															90				
80	0.2	1.9		4.6		8.1		5.7		8.1		4.6		1.9		0.2			
70																			
60	0.9	1.3	2.6	4.1	6.0	7.8	9.6	10.8	10.8	9.6	7.8	6.0	4.1	2.6	1.3	0.9			
50		2.1	4.3	7.8	15.0	29.1	43.6	52.2	52.2	43.6	29.1	15.0	7.8	4.3	2.1				
40	1.5	2.8	6.4	18.5	48.8	81.1	107.9	123.0	123.0	107.9	81.1	48.8	18.5	6.4	2.8	1.5			
30		3.4	10.9	42.7	87.6	136.8	181.2	207.8	207.8	181.2	136.8	87.6	42.7	10.9	3.4				
20	1.6	4.1	19.8	64.6	124.3	194.5	259.9	301.1	301.1	259.9	194.5	124.3	64.6	19.8	4.1	1.6			
10		4.9	28.3	80.4	153.2	243.0	331.0	386.6	386.6	331.0	243.0	153.2	80.4	28.3	4.9				
0	1.7	5.3	33.0	88.9	169.4	271.5	371.8	425.0	425.0	371.8	271.5	169.4	88.9	33.0	5.3	1.7			
-10		5.3	33.0	88.9	169.4	271.5	371.8	425.0	425.0	371.8	271.5	169.4	88.9	33.0	5.3				
-20	1.6	4.9	28.3	80.4	153.2	243.0	331.0	386.6	386.6	331.0	243.0	153.2	80.4	28.3	4.9	1.6			
-30		4.1	19.8	64.6	124.3	194.5	259.9	301.1	301.1	259.9	194.5	124.3	64.6	19.8	4.1				
-40	1.5	3.4	10.9	42.7	87.6	136.8	181.2	207.8	207.8	181.2	136.8	87.6	42.7	10.9	3.4	1.5			
-50		2.8	6.4	18.5	48.8	81.1	107.9	123.0	123.0	107.9	81.1	48.8	18.5	6.4	2.8				
-60	0.9	2.1	4.3	7.8	15.0	29.1	43.6	52.2	52.2	43.6	29.1	15.0	7.8	4.3	2.1	0.9			
-70		1.3	2.6	4.1	6.0	7.8	9.6	10.8	10.8	9.6	7.8	6.0	4.1	2.6	1.3				
-80															-80				
-90	0.2	1.9		4.6		8.1		5.7		8.1		4.6		1.9		0.2			
	-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-SA4D-927-U-WR-XX

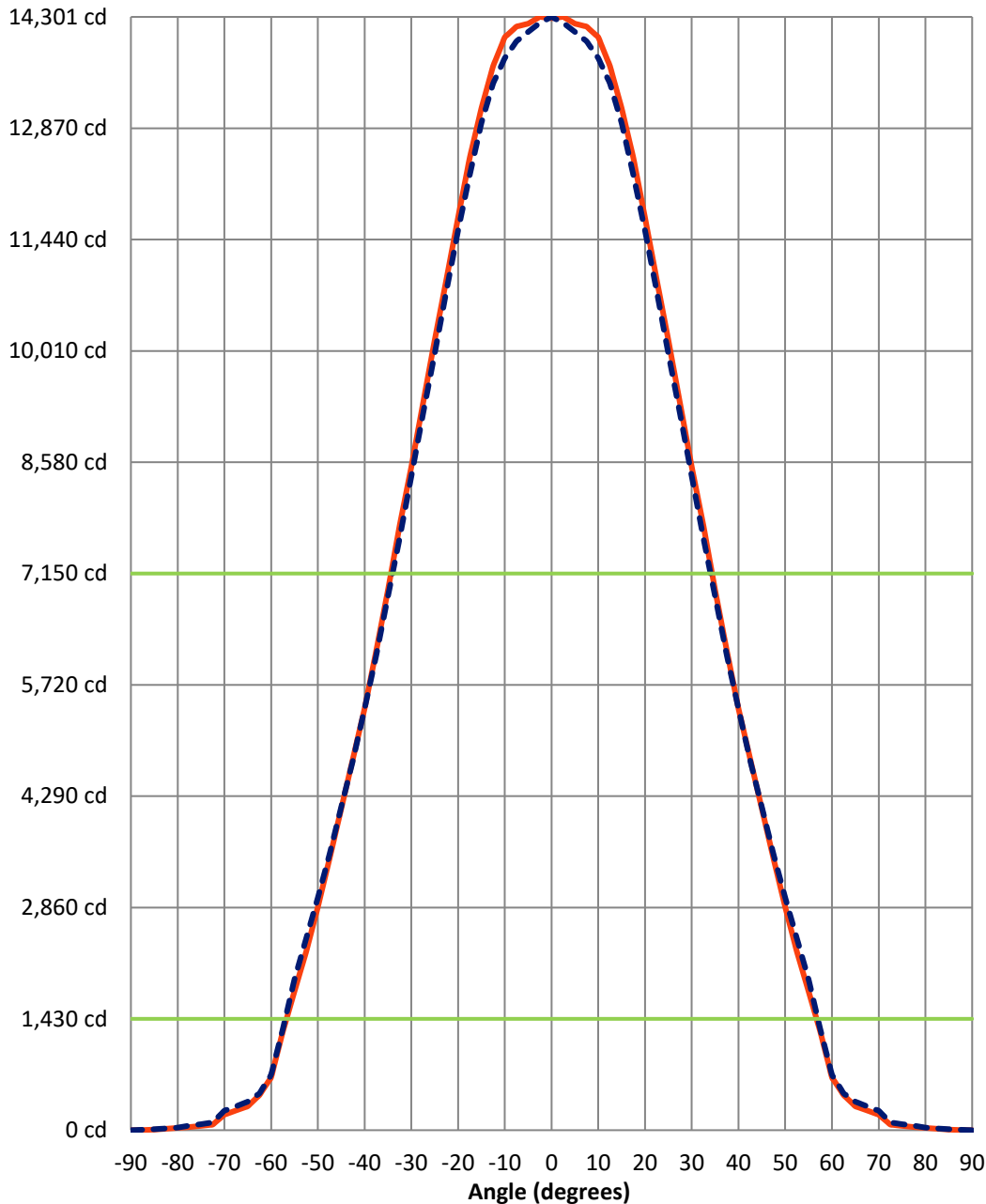
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 11604.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 18488.6
Efficiency: 95.5%

Spill:
Lumens: 865.8
Efficiency: 4.5%

- Vertical Distribution through 0-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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.9	8.1	10.4
80°	0.0	1.0	1.9	2.9	3.8	4.7	6.0	8.9	11.8	14.9	18.0
77.5°	0.0	1.2	2.4	3.6	4.7	6.5	10.1	13.9	17.7	21.6	26.9
75°	0.0	1.4	2.8	4.3	5.9	9.5	14.2	18.8	23.9	31.9	39.8
72.5°	0.0	1.7	3.3	4.9	7.8	12.3	18.1	24.8	34.1	43.4	52.5
70°	0.0	1.9	3.8	5.7	9.6	15.0	22.2	33.6	44.3	54.8	69.9
67.5°	0.0	2.1	4.2	6.8	11.4	17.6	29.0	42.4	54.3	70.1	87.8
65°	0.0	2.3	4.6	7.9	13.1	21.1	35.3	51.0	66.6	84.7	104.8
62.5°	0.0	2.5	5.1	8.9	14.7	25.2	41.2	60.3	78.3	99.1	121.1
60°	0.0	2.7	5.5	9.9	16.2	29.0	46.6	69.5	89.5	114.7	137.5
57.5°	0.0	3.0	6.0	10.8	18.5	32.5	52.0	77.9	103.2	130.2	151.2
55°	0.0	3.2	6.6	11.6	20.5	35.5	56.8	84.3	117.5	144.8	163.6
52.5°	0.0	3.3	7.1	12.3	22.3	38.3	61.0	93.9	131.8	156.3	176.0
50°	0.0	3.5	7.6	13.0	23.9	40.8	64.4	102.9	144.8	167.6	189.0
47.5°	0.0	3.7	8.1	13.6	25.2	42.8	67.7	110.7	154.9	178.8	201.3
45°	0.0	3.9	8.6	14.4	26.2	44.3	73.1	117.3	159.2	189.0	212.8
42.5°	0.0	4.1	9.0	14.9	26.9	45.4	77.7	120.9	162.1	198.5	225.5
40°	0.0	4.2	9.4	15.6	27.4	45.9	81.3	122.3	163.8	206.4	238.0
37.5°	0.0	4.4	9.8	16.4	27.6	45.9	84.1	122.7	165.5	209.9	250.2
35°	0.0	4.5	10.2	17.1	27.6	46.9	85.9	122.1	167.3	217.6	262.3
32.5°	0.0	4.6	10.6	17.8	27.2	48.2	86.3	120.5	168.9	227.4	274.3
30°	0.0	4.8	10.9	18.4	26.5	48.8	84.6	118.7	170.5	239.1	285.7
27.5°	0.0	4.9	11.2	19.0	27.2	48.8	82.3	119.0	174.8	252.5	296.4
25°	0.0	5.0	11.5	19.5	28.0	48.2	79.3	119.1	183.8	263.1	306.5
22.5°	0.0	5.1	11.8	20.0	28.8	48.2	75.7	118.8	193.4	271.2	319.4
20°	0.0	5.2	12.0	20.4	29.5	50.5	71.5	118.2	203.2	278.5	330.9
17.5°	0.0	5.2	12.2	20.8	30.2	52.4	70.8	117.1	213.2	285.1	340.9
15°	0.0	5.3	12.4	21.2	30.8	54.1	72.2	116.5	222.8	290.9	349.5
12.5°	0.0	5.4	12.5	21.4	31.3	55.6	73.5	115.7	231.4	295.8	356.6
10°	0.0	5.4	12.7	21.7	31.8	56.8	74.6	113.4	238.4	299.7	362.0
7.5°	0.0	5.5	12.8	21.9	32.3	57.7	75.6	109.8	244.1	302.7	365.1
5°	0.0	5.5	12.8	22.0	32.6	58.3	76.3	105.1	248.1	305.1	366.7
2.5°	0.0	5.5	12.9	22.1	32.9	58.7	76.9	99.7	250.2	306.5	366.9
0°	0.0	5.5	12.9	22.1	33.1	58.8	77.2	93.8	250.0	307.0	365.8
-2.5°	0.0	5.5	12.9	22.1	32.9	58.7	76.9	99.7	250.2	306.5	366.9
-5°	0.0	5.5	12.8	22.0	32.6	58.3	76.3	105.1	248.1	305.1	366.7
-7.5°	0.0	5.5	12.8	21.9	32.3	57.7	75.6	109.8	244.1	302.7	365.1
-10°	0.0	5.4	12.7	21.7	31.8	56.8	74.6	113.4	238.4	299.7	362.0
-12.5°	0.0	5.4	12.5	21.4	31.3	55.6	73.5	115.7	231.4	295.8	356.6
-15°	0.0	5.3	12.4	21.2	30.8	54.1	72.2	116.5	222.8	290.9	349.5
-17.5°	0.0	5.2	12.2	20.8	30.2	52.4	70.8	117.1	213.2	285.1	340.9
-20°	0.0	5.2	12.0	20.4	29.5	50.5	71.5	118.2	203.2	278.5	330.9



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 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.1	11.8	20.0	28.8	48.2	75.7	118.8	193.4	271.2	319.4
-25°	0.0	5.0	11.5	19.5	28.0	48.2	79.3	119.1	183.8	263.1	306.5
-27.5°	0.0	4.9	11.2	19.0	27.2	48.8	82.3	119.0	174.8	252.5	296.4
-30°	0.0	4.8	10.9	18.4	26.5	48.8	84.6	118.7	170.5	239.1	285.7
-32.5°	0.0	4.6	10.6	17.8	27.2	48.2	86.3	120.5	168.9	227.4	274.3
-35°	0.0	4.5	10.2	17.1	27.6	46.9	85.9	122.1	167.3	217.6	262.3
-37.5°	0.0	4.4	9.8	16.4	27.6	45.9	84.1	122.7	165.5	209.9	250.2
-40°	0.0	4.2	9.4	15.6	27.4	45.9	81.3	122.3	163.8	206.4	238.0
-42.5°	0.0	4.1	9.0	14.9	26.9	45.4	77.7	120.9	162.1	198.5	225.5
-45°	0.0	3.9	8.6	14.4	26.2	44.3	73.1	117.3	159.2	189.0	212.8
-47.5°	0.0	3.7	8.1	13.6	25.2	42.8	67.7	110.7	154.9	178.8	201.3
-50°	0.0	3.5	7.6	13.0	23.9	40.8	64.4	102.9	144.8	167.6	189.0
-52.5°	0.0	3.3	7.1	12.3	22.3	38.3	61.0	93.9	131.8	156.3	176.0
-55°	0.0	3.2	6.6	11.6	20.5	35.5	56.8	84.3	117.5	144.8	163.6
-57.5°	0.0	3.0	6.0	10.8	18.5	32.5	52.0	77.9	103.2	130.2	151.2
-60°	0.0	2.7	5.5	9.9	16.2	29.0	46.6	69.5	89.5	114.7	137.5
-62.5°	0.0	2.5	5.1	8.9	14.7	25.2	41.2	60.3	78.3	99.1	121.1
-65°	0.0	2.3	4.6	7.9	13.1	21.1	35.3	51.0	66.6	84.7	104.8
-67.5°	0.0	2.1	4.2	6.8	11.4	17.6	29.0	42.4	54.3	70.1	87.8
-70°	0.0	1.9	3.8	5.7	9.6	15.0	22.2	33.6	44.3	54.8	69.9
-72.5°	0.0	1.7	3.3	4.9	7.8	12.3	18.1	24.8	34.1	43.4	52.5
-75°	0.0	1.4	2.8	4.3	5.9	9.5	14.2	18.8	23.9	31.9	39.8
-77.5°	0.0	1.2	2.4	3.6	4.7	6.5	10.1	13.9	17.7	21.6	26.9
-80°	0.0	1.0	1.9	2.9	3.8	4.7	6.0	8.9	11.8	14.9	18.0
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.9	8.1	10.4
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.2	2.1	2.3	2.4	2.5	2.6	2.4	2.1	1.8
85°	4.7	4.6	5.2	5.6	6.2	6.6	6.8	6.7	7.5	8.6	9.8
82.5°	11.6	12.4	12.9	13.0	13.2	13.1	13.0	12.9	15.9	19.8	24.1
80°	19.6	20.4	23.4	26.8	28.5	28.5	27.0	24.0	28.5	35.6	44.2
77.5°	31.9	36.6	41.5	46.6	47.6	45.1	41.2	35.7	42.1	54.8	69.2
75°	46.4	52.8	60.0	65.4	65.5	61.5	56.3	55.3	66.0	81.4	94.0
72.5°	63.4	72.8	79.7	84.3	84.0	83.3	85.3	89.9	98.7	109.9	119.7
70°	84.0	93.3	98.5	100.9	101.8	106.9	114.5	120.2	126.5	137.6	147.8
67.5°	104.3	111.5	116.0	119.2	127.8	137.5	145.2	152.2	159.9	171.2	180.5
65°	122.5	129.8	136.3	145.8	158.3	167.6	176.7	186.1	199.5	212.1	219.7
62.5°	140.3	148.1	157.8	170.8	184.4	196.2	211.0	227.7	245.1	258.1	272.9
60°	154.0	165.1	178.9	194.4	210.6	229.8	248.8	268.3	286.2	303.6	325.5
57.5°	167.2	183.1	200.4	218.5	239.9	263.9	287.1	308.2	330.6	354.9	379.6
55°	181.5	202.4	221.6	243.2	269.3	299.8	325.5	350.5	377.4	418.2	453.8
52.5°	197.2	220.3	242.1	268.5	300.9	333.5	362.7	397.7	442.7	503.3	601.6
50°	212.0	236.9	262.3	296.4	331.5	365.8	408.2	456.9	547.0	660.0	857.8
47.5°	226.8	253.2	286.8	323.6	361.8	407.1	460.8	567.4	690.2	971.6	1252.0
45°	241.5	272.7	309.9	351.7	397.2	454.1	565.6	697.0	1031.3	1355.0	1692.1
42.5°	255.8	292.4	334.8	379.4	438.9	541.7	685.4	1032.7	1394.5	1766.3	2089.9
40°	272.0	310.7	359.8	416.3	495.0	651.1	973.7	1364.7	1772.6	2123.7	2438.6
37.5°	287.3	333.1	386.4	452.2	593.7	854.3	1269.8	1703.6	2098.5	2441.7	2778.0
35°	301.3	354.7	418.3	517.0	690.4	1119.8	1570.3	2011.4	2388.9	2755.3	3123.2
32.5°	317.7	375.7	448.9	602.8	912.2	1376.3	1855.6	2275.9	2671.2	3061.9	3482.2
30°	335.9	401.6	491.6	684.7	1132.0	1625.4	2100.3	2529.6	2939.4	3373.3	3823.5
27.5°	353.1	426.7	562.2	843.5	1338.6	1858.0	2322.9	2764.6	3204.6	3666.7	4151.3
25°	368.6	450.5	628.6	1017.6	1538.0	2056.5	2527.7	2977.2	3452.3	3954.5	4464.4
22.5°	385.4	473.7	688.4	1176.1	1720.4	2233.1	2708.5	3185.2	3688.0	4220.3	4752.1
20°	403.5	523.2	786.8	1322.6	1886.2	2393.6	2870.9	3378.4	3908.6	4459.8	5021.6
17.5°	420.0	567.0	904.4	1461.4	2025.5	2533.1	3016.9	3553.4	4100.4	4676.6	5268.4
15°	434.8	604.9	1007.9	1584.3	2143.8	2651.7	3159.4	3708.8	4270.9	4871.1	5485.7
12.5°	447.8	637.0	1097.0	1690.4	2243.6	2753.1	3279.2	3839.7	4422.8	5041.0	5681.5
10°	459.0	663.2	1171.0	1779.3	2324.8	2836.7	3375.3	3948.8	4543.7	5177.9	5839.4
7.5°	466.0	684.7	1229.6	1850.2	2387.5	2902.2	3447.8	4034.7	4632.2	5284.8	5958.8
5°	470.6	702.3	1271.9	1902.6	2433.1	2951.6	3500.1	4096.4	4688.9	5359.7	6039.2
2.5°	472.7	714.4	1297.7	1936.2	2461.7	2986.2	3543.3	4150.6	4748.7	5413.1	6101.4
0°	472.5	720.6	1307.1	1950.5	2472.6	3002.0	3564.6	4178.6	4787.1	5436.0	6143.7
-2.5°	472.7	714.4	1297.7	1936.2	2461.7	2986.2	3543.3	4150.6	4748.7	5413.1	6101.4
-5°	470.6	702.3	1271.9	1902.6	2433.1	2951.6	3500.1	4096.4	4688.9	5359.7	6039.2
-7.5°	466.0	684.7	1229.6	1850.2	2387.5	2902.2	3447.8	4034.7	4632.2	5284.8	5958.8
-10°	459.0	663.2	1171.0	1779.3	2324.8	2836.7	3375.3	3948.8	4543.7	5177.9	5839.4
-12.5°	447.8	637.0	1097.0	1690.4	2243.6	2753.1	3279.2	3839.7	4422.8	5041.0	5681.5
-15°	434.8	604.9	1007.9	1584.3	2143.8	2651.7	3159.4	3708.8	4270.9	4871.1	5485.7
-17.5°	420.0	567.0	904.4	1461.4	2025.5	2533.1	3016.9	3553.4	4100.4	4676.6	5268.4
-20°	403.5	523.2	786.8	1322.6	1886.2	2393.6	2870.9	3378.4	3908.6	4459.8	5021.6



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	385.4	473.7	688.4	1176.1	1720.4	2233.1	2708.5	3185.2	3688.0	4220.3	4752.1
-25°	368.6	450.5	628.6	1017.6	1538.0	2056.5	2527.7	2977.2	3452.3	3954.5	4464.4
-27.5°	353.1	426.7	562.2	843.5	1338.6	1858.0	2322.9	2764.6	3204.6	3666.7	4151.3
-30°	335.9	401.6	491.6	684.7	1132.0	1625.4	2100.3	2529.6	2939.4	3373.3	3823.5
-32.5°	317.7	375.7	448.9	602.8	912.2	1376.3	1855.6	2275.9	2671.2	3061.9	3482.2
-35°	301.3	354.7	418.3	517.0	690.4	1119.8	1570.3	2011.4	2388.9	2755.3	3123.2
-37.5°	287.3	333.1	386.4	452.2	593.7	854.3	1269.8	1703.6	2098.5	2441.7	2778.0
-40°	272.0	310.7	359.8	416.3	495.0	651.1	973.7	1364.7	1772.6	2123.7	2438.6
-42.5°	255.8	292.4	334.8	379.4	438.9	541.7	685.4	1032.7	1394.5	1766.3	2089.9
-45°	241.5	272.7	309.9	351.7	397.2	454.1	565.6	697.0	1031.3	1355.0	1692.1
-47.5°	226.8	253.2	286.8	323.6	361.8	407.1	460.8	567.4	690.2	971.6	1252.0
-50°	212.0	236.9	262.3	296.4	331.5	365.8	408.2	456.9	547.0	660.0	857.8
-52.5°	197.2	220.3	242.1	268.5	300.9	333.5	362.7	397.7	442.7	503.3	601.6
-55°	181.5	202.4	221.6	243.2	269.3	299.8	325.5	350.5	377.4	418.2	453.8
-57.5°	167.2	183.1	200.4	218.5	239.9	263.9	287.1	308.2	330.6	354.9	379.6
-60°	154.0	165.1	178.9	194.4	210.6	229.8	248.8	268.3	286.2	303.6	325.5
-62.5°	140.3	148.1	157.8	170.8	184.4	196.2	211.0	227.7	245.1	258.1	272.9
-65°	122.5	129.8	136.3	145.8	158.3	167.6	176.7	186.1	199.5	212.1	219.7
-67.5°	104.3	111.5	116.0	119.2	127.8	137.5	145.2	152.2	159.9	171.2	180.5
-70°	84.0	93.3	98.5	100.9	101.8	106.9	114.5	120.2	126.5	137.6	147.8
-72.5°	63.4	72.8	79.7	84.3	84.0	83.3	85.3	89.9	98.7	109.9	119.7
-75°	46.4	52.8	60.0	65.4	65.5	61.5	56.3	55.3	66.0	81.4	94.0
-77.5°	31.9	36.6	41.5	46.6	47.6	45.1	41.2	35.7	42.1	54.8	69.2
-80°	19.6	20.4	23.4	26.8	28.5	28.5	27.0	24.0	28.5	35.6	44.2
-82.5°	11.6	12.4	12.9	13.0	13.2	13.1	13.0	12.9	15.9	19.8	24.1
-85°	4.7	4.6	5.2	5.6	6.2	6.6	6.8	6.7	7.5	8.6	9.8
-87.5°	2.3	2.3	2.2	2.1	2.3	2.4	2.5	2.6	2.4	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	11.1	11.0	10.6	10.0	9.3	9.6	9.9	10.1	10.4	9.7	9.0
82.5°	28.8	30.9	32.9	35.1	37.4	37.0	36.0	34.5	32.6	29.0	25.1
80°	54.0	59.1	62.5	65.2	67.3	65.2	62.1	58.5	54.4	48.3	41.7
77.5°	83.9	89.0	91.6	94.8	98.3	99.0	99.2	99.5	99.9	88.7	74.4
75°	104.2	110.9	116.4	121.3	125.6	127.8	129.2	130.6	131.9	117.0	97.4
72.5°	128.1	134.6	139.9	145.2	149.8	153.4	156.2	158.5	160.3	148.2	131.1
70°	156.0	162.5	168.5	174.0	179.4	184.2	188.6	192.7	196.3	197.0	197.9
67.5°	187.5	191.3	198.6	205.4	213.7	219.7	226.5	232.8	238.6	243.5	247.6
65°	226.5	240.4	254.5	261.3	261.9	270.7	284.4	292.0	294.3	296.0	300.3
62.5°	292.0	310.0	319.4	331.7	348.6	367.0	374.1	384.2	396.6	410.5	423.2
60°	344.0	359.3	382.1	405.2	425.7	444.4	489.7	530.0	564.5	594.2	622.7
57.5°	408.6	433.8	468.6	531.3	588.6	640.4	729.0	837.1	933.5	1017.9	1092.0
55°	511.6	584.9	650.8	798.7	956.8	1093.6	1221.6	1358.6	1470.1	1557.3	1637.9
52.5°	687.1	888.6	1092.8	1284.8	1473.7	1645.7	1800.0	1921.4	2016.1	2087.2	2154.6
50°	1100.0	1342.8	1591.5	1820.6	2006.2	2175.7	2336.3	2456.7	2557.5	2644.2	2721.0
47.5°	1550.1	1834.3	2069.4	2280.8	2480.7	2668.7	2844.4	2991.0	3115.1	3229.6	3324.9
45°	1998.0	2252.3	2493.4	2720.0	2937.5	3148.3	3337.3	3504.0	3668.3	3804.0	3911.4
42.5°	2376.8	2646.0	2902.4	3161.7	3405.0	3641.4	3869.7	4072.5	4247.0	4395.3	4514.6
40°	2740.4	3030.6	3335.1	3623.0	3911.9	4181.7	4434.6	4666.1	4864.8	5040.4	5189.1
37.5°	3110.4	3449.2	3783.8	4112.0	4430.3	4723.7	5013.9	5281.0	5513.8	5719.3	5891.9
35°	3500.9	3874.3	4238.5	4608.2	4955.7	5295.3	5616.1	5910.1	6167.9	6410.0	6618.1
32.5°	3892.1	4296.7	4706.7	5106.8	5491.8	5872.1	6223.9	6555.4	6860.2	7128.2	7350.3
30°	4273.0	4718.4	5157.1	5593.0	6032.5	6446.8	6836.6	7200.5	7531.3	7823.1	8075.6
27.5°	4638.4	5117.3	5587.8	6086.4	6563.9	7014.7	7438.1	7829.4	8198.6	8530.5	8817.0
25°	4976.6	5485.3	6033.7	6556.6	7067.6	7567.5	8031.4	8456.5	8878.6	9243.8	9554.8
22.5°	5296.2	5863.8	6441.2	6989.6	7553.4	8103.1	8622.4	9115.0	9565.9	9948.5	10280.1
20°	5600.0	6210.9	6805.8	7413.0	8023.5	8616.6	9188.4	9714.8	10191.2	10608.2	10982.3
17.5°	5887.0	6519.1	7151.3	7799.7	8459.1	9082.5	9688.3	10261.1	10781.1	11243.7	11665.4
15°	6135.2	6788.4	7465.3	8154.5	8844.1	9507.0	10150.0	10773.9	11359.0	11862.6	12287.8
12.5°	6346.2	7026.6	7742.7	8465.8	9192.7	9887.6	10569.1	11236.7	11858.7	12400.0	12836.6
10°	6521.1	7234.1	7982.1	8735.2	9480.8	10202.8	10911.6	11602.4	12270.4	12831.5	13280.0
7.5°	6667.0	7407.3	8172.5	8948.3	9700.7	10450.5	11189.7	11887.5	12545.6	13137.4	13598.2
5°	6775.9	7528.6	8310.0	9105.2	9869.0	10645.6	11406.8	12120.9	12772.5	13308.6	13684.8
2.5°	6857.0	7604.2	8399.3	9199.7	9973.7	10778.2	11555.7	12270.6	12937.4	13444.9	13770.7
0°	6912.2	7645.7	8480.3	9265.3	10052.1	10877.5	11645.9	12368.4	13037.5	13533.9	13870.3
-2.5°	6857.0	7604.2	8399.3	9199.7	9973.7	10778.2	11555.7	12270.6	12937.4	13444.9	13770.7
-5°	6775.9	7528.6	8310.0	9105.2	9869.0	10645.6	11406.8	12120.9	12772.5	13308.6	13684.8
-7.5°	6667.0	7407.3	8172.5	8948.3	9700.7	10450.5	11189.7	11887.5	12545.6	13137.4	13598.2
-10°	6521.1	7234.1	7982.1	8735.2	9480.8	10202.8	10911.6	11602.4	12270.4	12831.5	13280.0
-12.5°	6346.2	7026.6	7742.7	8465.8	9192.7	9887.6	10569.1	11236.7	11858.7	12400.0	12836.6
-15°	6135.2	6788.4	7465.3	8154.5	8844.1	9507.0	10150.0	10773.9	11359.0	11862.6	12287.8
-17.5°	5887.0	6519.1	7151.3	7799.7	8459.1	9082.5	9688.3	10261.1	10781.1	11243.7	11665.4
-20°	5600.0	6210.9	6805.8	7413.0	8023.5	8616.6	9188.4	9714.8	10191.2	10608.2	10982.3



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5296.2	5863.8	6441.2	6989.6	7553.4	8103.1	8622.4	9115.0	9565.9	9948.5	10280.1
-25°	4976.6	5485.3	6033.7	6556.6	7067.6	7567.5	8031.4	8456.5	8878.6	9243.8	9554.8
-27.5°	4638.4	5117.3	5587.8	6086.4	6563.9	7014.7	7438.1	7829.4	8198.6	8530.5	8817.0
-30°	4273.0	4718.4	5157.1	5593.0	6032.5	6446.8	6836.6	7200.5	7531.3	7823.1	8075.6
-32.5°	3892.1	4296.7	4706.7	5106.8	5491.8	5872.1	6223.9	6555.4	6860.2	7128.2	7350.3
-35°	3500.9	3874.3	4238.5	4608.2	4955.7	5295.3	5616.1	5910.1	6167.9	6410.0	6618.1
-37.5°	3110.4	3449.2	3783.8	4112.0	4430.3	4723.7	5013.9	5281.0	5513.8	5719.3	5891.9
-40°	2740.4	3030.6	3335.1	3623.0	3911.9	4181.7	4434.6	4666.1	4864.8	5040.4	5189.1
-42.5°	2376.8	2646.0	2902.4	3161.7	3405.0	3641.4	3869.7	4072.5	4247.0	4395.3	4514.6
-45°	1998.0	2252.3	2493.4	2720.0	2937.5	3148.3	3337.3	3504.0	3668.3	3804.0	3911.4
-47.5°	1550.1	1834.3	2069.4	2280.8	2480.7	2668.7	2844.4	2991.0	3115.1	3229.6	3324.9
-50°	1100.0	1342.8	1591.5	1820.6	2006.2	2175.7	2336.3	2456.7	2557.5	2644.2	2721.0
-52.5°	687.1	888.6	1092.8	1284.8	1473.7	1645.7	1800.0	1921.4	2016.1	2087.2	2154.6
-55°	511.6	584.9	650.8	798.7	956.8	1093.6	1221.6	1358.6	1470.1	1557.3	1637.9
-57.5°	408.6	433.8	468.6	531.3	588.6	640.4	729.0	837.1	933.5	1017.9	1092.0
-60°	344.0	359.3	382.1	405.2	425.7	444.4	489.7	530.0	564.5	594.2	622.7
-62.5°	292.0	310.0	319.4	331.7	348.6	367.0	374.1	384.2	396.6	410.5	423.2
-65°	226.5	240.4	254.5	261.3	261.9	270.7	284.4	292.0	294.3	296.0	300.3
-67.5°	187.5	191.3	198.6	205.4	213.7	219.7	226.5	232.8	238.6	243.5	247.6
-70°	156.0	162.5	168.5	174.0	179.4	184.2	188.6	192.7	196.3	197.0	197.9
-72.5°	128.1	134.6	139.9	145.2	149.8	153.4	156.2	158.5	160.3	148.2	131.1
-75°	104.2	110.9	116.4	121.3	125.6	127.8	129.2	130.6	131.9	117.0	97.4
-77.5°	83.9	89.0	91.6	94.8	98.3	99.0	99.2	99.5	99.9	88.7	74.4
-80°	54.0	59.1	62.5	65.2	67.3	65.2	62.1	58.5	54.4	48.3	41.7
-82.5°	28.8	30.9	32.9	35.1	37.4	37.0	36.0	34.5	32.6	29.0	25.1
-85°	11.1	11.0	10.6	10.0	9.3	9.6	9.9	10.1	10.4	9.7	9.0
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	8.2	7.4	7.4	7.4	7.4	7.4	8.2	9.0	9.7	10.4	10.1
82.5°	20.9	16.5	17.4	18.4	17.4	16.5	20.9	25.1	29.0	32.6	34.5
80°	34.8	27.7	28.4	29.4	28.4	27.7	34.8	41.7	48.3	54.4	58.5
77.5°	59.0	42.8	41.3	40.4	41.3	42.8	59.0	74.4	88.7	99.9	99.5
75°	77.1	56.3	55.1	55.2	55.1	56.3	77.1	97.4	117.0	131.9	130.6
72.5°	113.8	96.2	84.0	71.7	84.0	96.2	113.8	131.1	148.2	160.3	158.5
70°	200.1	202.5	201.5	198.5	201.5	202.5	200.1	197.9	197.0	196.3	192.7
67.5°	251.0	253.6	254.2	253.7	254.2	253.6	251.0	247.6	243.5	238.6	232.8
65°	303.3	305.1	306.5	307.0	306.5	305.1	303.3	300.3	296.0	294.3	292.0
62.5°	432.7	439.0	445.7	450.4	445.7	439.0	432.7	423.2	410.5	396.6	384.2
60°	647.7	668.3	677.5	678.3	677.5	668.3	647.7	622.7	594.2	564.5	530.0
57.5°	1151.3	1195.6	1235.2	1264.8	1235.2	1195.6	1151.3	1092.0	1017.9	933.5	837.1
55°	1702.2	1749.4	1776.0	1783.2	1776.0	1749.4	1702.2	1637.9	1557.3	1470.1	1358.6
52.5°	2205.7	2237.0	2266.8	2292.4	2266.8	2237.0	2205.7	2154.6	2087.2	2016.1	1921.4
50°	2779.0	2813.9	2843.4	2866.0	2843.4	2813.9	2779.0	2721.0	2644.2	2557.5	2456.7
47.5°	3391.8	3434.6	3466.1	3487.3	3466.1	3434.6	3391.8	3324.9	3229.6	3115.1	2991.0
45°	4003.2	4076.5	4121.1	4128.9	4121.1	4076.5	4003.2	3911.4	3804.0	3668.3	3504.0
42.5°	4617.8	4688.1	4735.5	4770.5	4735.5	4688.1	4617.8	4514.6	4395.3	4247.0	4072.5
40°	5312.9	5401.2	5441.6	5415.8	5441.6	5401.2	5312.9	5189.1	5040.4	4864.8	4666.1
37.5°	6025.0	6115.7	6162.5	6160.3	6162.5	6115.7	6025.0	5891.9	5719.3	5513.8	5281.0
35°	6779.9	6892.4	6953.2	6937.9	6953.2	6892.4	6779.9	6618.1	6410.0	6167.9	5910.1
32.5°	7527.8	7663.7	7751.6	7765.2	7751.6	7663.7	7527.8	7350.3	7128.2	6860.2	6555.4
30°	8277.9	8424.9	8512.2	8520.7	8512.2	8424.9	8277.9	8075.6	7823.1	7531.3	7200.5
27.5°	9057.5	9221.8	9313.2	9335.1	9313.2	9221.8	9057.5	8817.0	8530.5	8198.6	7829.4
25°	9820.1	10002.6	10107.5	10147.7	10107.5	10002.6	9820.1	9554.8	9243.8	8878.6	8456.5
22.5°	10555.5	10755.6	10892.3	10927.1	10892.3	10755.6	10555.5	10280.1	9948.5	9565.9	9115.0
20°	11293.1	11529.2	11704.1	11721.3	11704.1	11529.2	11293.1	10982.3	10608.2	10191.2	9714.8
17.5°	12003.2	12258.8	12445.9	12491.6	12445.9	12258.8	12003.2	11665.4	11243.7	10781.1	10261.1
15°	12639.1	12907.2	13087.9	13127.6	13087.9	12907.2	12639.1	12287.8	11862.6	11359.0	10773.9
12.5°	13187.7	13434.9	13603.5	13668.1	13603.5	13434.9	13187.7	12836.6	12400.0	11858.7	11236.7
10°	13629.7	13820.6	13971.4	14039.4	13971.4	13820.6	13629.7	13280.0	12831.5	12270.4	11602.4
7.5°	13876.5	14033.6	14137.9	14175.5	14137.9	14033.6	13876.5	13598.2	13137.4	12545.6	11887.5
5°	13973.9	14124.6	14181.1	14214.1	14181.1	14124.6	13973.9	13684.8	13308.6	12772.5	12120.9
2.5°	13987.2	14107.8	14224.0	14300.5	14224.0	14107.8	13987.2	13770.7	13444.9	12937.4	12270.6
0°	14065.2	14182.8	14247.2	14283.9	14247.2	14182.8	14065.2	13870.3	13533.9	13037.5	12368.4
-2.5°	13987.2	14107.8	14224.0	14300.5	14224.0	14107.8	13987.2	13770.7	13444.9	12937.4	12270.6
-5°	13973.9	14124.6	14181.1	14214.1	14181.1	14124.6	13973.9	13684.8	13308.6	12772.5	12120.9
-7.5°	13876.5	14033.6	14137.9	14175.5	14137.9	14033.6	13876.5	13598.2	13137.4	12545.6	11887.5
-10°	13629.7	13820.6	13971.4	14039.4	13971.4	13820.6	13629.7	13280.0	12831.5	12270.4	11602.4
-12.5°	13187.7	13434.9	13603.5	13668.1	13603.5	13434.9	13187.7	12836.6	12400.0	11858.7	11236.7
-15°	12639.1	12907.2	13087.9	13127.6	13087.9	12907.2	12639.1	12287.8	11862.6	11359.0	10773.9
-17.5°	12003.2	12258.8	12445.9	12491.6	12445.9	12258.8	12003.2	11665.4	11243.7	10781.1	10261.1
-20°	11293.1	11529.2	11704.1	11721.3	11704.1	11529.2	11293.1	10982.3	10608.2	10191.2	9714.8



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10555.5	10755.6	10892.3	10927.1	10892.3	10755.6	10555.5	10280.1	9948.5	9565.9	9115.0
-25°	9820.1	10002.6	10107.5	10147.7	10107.5	10002.6	9820.1	9554.8	9243.8	8878.6	8456.5
-27.5°	9057.5	9221.8	9313.2	9335.1	9313.2	9221.8	9057.5	8817.0	8530.5	8198.6	7829.4
-30°	8277.9	8424.9	8512.2	8520.7	8512.2	8424.9	8277.9	8075.6	7823.1	7531.3	7200.5
-32.5°	7527.8	7663.7	7751.6	7765.2	7751.6	7663.7	7527.8	7350.3	7128.2	6860.2	6555.4
-35°	6779.9	6892.4	6953.2	6937.9	6953.2	6892.4	6779.9	6618.1	6410.0	6167.9	5910.1
-37.5°	6025.0	6115.7	6162.5	6160.3	6162.5	6115.7	6025.0	5891.9	5719.3	5513.8	5281.0
-40°	5312.9	5401.2	5441.6	5415.8	5441.6	5401.2	5312.9	5189.1	5040.4	4864.8	4666.1
-42.5°	4617.8	4688.1	4735.5	4770.5	4735.5	4688.1	4617.8	4514.6	4395.3	4247.0	4072.5
-45°	4003.2	4076.5	4121.1	4128.9	4121.1	4076.5	4003.2	3911.4	3804.0	3668.3	3504.0
-47.5°	3391.8	3434.6	3466.1	3487.3	3466.1	3434.6	3391.8	3324.9	3229.6	3115.1	2991.0
-50°	2779.0	2813.9	2843.4	2866.0	2843.4	2813.9	2779.0	2721.0	2644.2	2557.5	2456.7
-52.5°	2205.7	2237.0	2266.8	2292.4	2266.8	2237.0	2205.7	2154.6	2087.2	2016.1	1921.4
-55°	1702.2	1749.4	1776.0	1783.2	1776.0	1749.4	1702.2	1637.9	1557.3	1470.1	1358.6
-57.5°	1151.3	1195.6	1235.2	1264.8	1235.2	1195.6	1151.3	1092.0	1017.9	933.5	837.1
-60°	647.7	668.3	677.5	678.3	677.5	668.3	647.7	622.7	594.2	564.5	530.0
-62.5°	432.7	439.0	445.7	450.4	445.7	439.0	432.7	423.2	410.5	396.6	384.2
-65°	303.3	305.1	306.5	307.0	306.5	305.1	303.3	300.3	296.0	294.3	292.0
-67.5°	251.0	253.6	254.2	253.7	254.2	253.6	251.0	247.6	243.5	238.6	232.8
-70°	200.1	202.5	201.5	198.5	201.5	202.5	200.1	197.9	197.0	196.3	192.7
-72.5°	113.8	96.2	84.0	71.7	84.0	96.2	113.8	131.1	148.2	160.3	158.5
-75°	77.1	56.3	55.1	55.2	55.1	56.3	77.1	97.4	117.0	131.9	130.6
-77.5°	59.0	42.8	41.3	40.4	41.3	42.8	59.0	74.4	88.7	99.9	99.5
-80°	34.8	27.7	28.4	29.4	28.4	27.7	34.8	41.7	48.3	54.4	58.5
-82.5°	20.9	16.5	17.4	18.4	17.4	16.5	20.9	25.1	29.0	32.6	34.5
-85°	8.2	7.4	7.4	7.4	7.4	7.4	8.2	9.0	9.7	10.4	10.1
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.4	2.6
85°	9.9	9.6	9.3	10.0	10.6	11.0	11.1	9.8	8.6	7.5	6.7
82.5°	36.0	37.0	37.4	35.1	32.9	30.9	28.8	24.1	19.8	15.9	12.9
80°	62.1	65.2	67.3	65.2	62.5	59.1	54.0	44.2	35.6	28.5	24.0
77.5°	99.2	99.0	98.3	94.8	91.6	89.0	83.9	69.2	54.8	42.1	35.7
75°	129.2	127.8	125.6	121.3	116.4	110.9	104.2	94.0	81.4	66.0	55.3
72.5°	156.2	153.4	149.8	145.2	139.9	134.6	128.1	119.7	109.9	98.7	89.9
70°	188.6	184.2	179.4	174.0	168.5	162.5	156.0	147.8	137.6	126.5	120.2
67.5°	226.5	219.7	213.7	205.4	198.6	191.3	187.5	180.5	171.2	159.9	152.2
65°	284.4	270.7	261.9	261.3	254.5	240.4	226.5	219.7	212.1	199.5	186.1
62.5°	374.1	367.0	348.6	331.7	319.4	310.0	292.0	272.9	258.1	245.1	227.7
60°	489.7	444.4	425.7	405.2	382.1	359.3	344.0	325.5	303.6	286.2	268.3
57.5°	729.0	640.4	588.6	531.3	468.6	433.8	408.6	379.6	354.9	330.6	308.2
55°	1221.6	1093.6	956.8	798.7	650.8	584.9	511.6	453.8	418.2	377.4	350.5
52.5°	1800.0	1645.7	1473.7	1284.8	1092.8	888.6	687.1	601.6	503.3	442.7	397.7
50°	2336.3	2175.7	2006.2	1820.6	1591.5	1342.8	1100.0	857.8	660.0	547.0	456.9
47.5°	2844.4	2668.7	2480.7	2280.8	2069.4	1834.3	1550.1	1252.0	971.6	690.2	567.4
45°	3337.3	3148.3	2937.5	2720.0	2493.4	2252.3	1998.0	1692.1	1355.0	1031.3	697.0
42.5°	3869.7	3641.4	3405.0	3161.7	2902.4	2646.0	2376.8	2089.9	1766.3	1394.5	1032.7
40°	4434.6	4181.7	3911.9	3623.0	3335.1	3030.6	2740.4	2438.6	2123.7	1772.6	1364.7
37.5°	5013.9	4723.7	4430.3	4112.0	3783.8	3449.2	3110.4	2778.0	2441.7	2098.5	1703.6
35°	5616.1	5295.3	4955.7	4608.2	4238.5	3874.3	3500.9	3123.2	2755.3	2388.9	2011.4
32.5°	6223.9	5872.1	5491.8	5106.8	4706.7	4296.7	3892.1	3482.2	3061.9	2671.2	2275.9
30°	6836.6	6446.8	6032.5	5593.0	5157.1	4718.4	4273.0	3823.5	3373.3	2939.4	2529.6
27.5°	7438.1	7014.7	6563.9	6086.4	5587.8	5117.3	4638.4	4151.3	3666.7	3204.6	2764.6
25°	8031.4	7567.5	7067.6	6556.6	6033.7	5485.3	4976.6	4464.4	3954.5	3452.3	2977.2
22.5°	8622.4	8103.1	7553.4	6989.6	6441.2	5863.8	5296.2	4752.1	4220.3	3688.0	3185.2
20°	9188.4	8616.6	8023.5	7413.0	6805.8	6210.9	5600.0	5021.6	4459.8	3908.6	3378.4
17.5°	9688.3	9082.5	8459.1	7799.7	7151.3	6519.1	5887.0	5268.4	4676.6	4100.4	3553.4
15°	10150.0	9507.0	8844.1	8154.5	7465.3	6788.4	6135.2	5485.7	4871.1	4270.9	3708.8
12.5°	10569.1	9887.6	9192.7	8465.8	7742.7	7026.6	6346.2	5681.5	5041.0	4422.8	3839.7
10°	10911.6	10202.8	9480.8	8735.2	7982.1	7234.1	6521.1	5839.4	5177.9	4543.7	3948.8
7.5°	11189.7	10450.5	9700.7	8948.3	8172.5	7407.3	6667.0	5958.8	5284.8	4632.2	4034.7
5°	11406.8	10645.6	9869.0	9105.2	8310.0	7528.6	6775.9	6039.2	5359.7	4688.9	4096.4
2.5°	11555.7	10778.2	9973.7	9199.7	8399.3	7604.2	6857.0	6101.4	5413.1	4748.7	4150.6
0°	11645.9	10877.5	10052.1	9265.3	8480.3	7645.7	6912.2	6143.7	5436.0	4787.1	4178.6
-2.5°	11555.7	10778.2	9973.7	9199.7	8399.3	7604.2	6857.0	6101.4	5413.1	4748.7	4150.6
-5°	11406.8	10645.6	9869.0	9105.2	8310.0	7528.6	6775.9	6039.2	5359.7	4688.9	4096.4
-7.5°	11189.7	10450.5	9700.7	8948.3	8172.5	7407.3	6667.0	5958.8	5284.8	4632.2	4034.7
-10°	10911.6	10202.8	9480.8	8735.2	7982.1	7234.1	6521.1	5839.4	5177.9	4543.7	3948.8
-12.5°	10569.1	9887.6	9192.7	8465.8	7742.7	7026.6	6346.2	5681.5	5041.0	4422.8	3839.7
-15°	10150.0	9507.0	8844.1	8154.5	7465.3	6788.4	6135.2	5485.7	4871.1	4270.9	3708.8
-17.5°	9688.3	9082.5	8459.1	7799.7	7151.3	6519.1	5887.0	5268.4	4676.6	4100.4	3553.4
-20°	9188.4	8616.6	8023.5	7413.0	6805.8	6210.9	5600.0	5021.6	4459.8	3908.6	3378.4



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8622.4	8103.1	7553.4	6989.6	6441.2	5863.8	5296.2	4752.1	4220.3	3688.0	3185.2
-25°	8031.4	7567.5	7067.6	6556.6	6033.7	5485.3	4976.6	4464.4	3954.5	3452.3	2977.2
-27.5°	7438.1	7014.7	6563.9	6086.4	5587.8	5117.3	4638.4	4151.3	3666.7	3204.6	2764.6
-30°	6836.6	6446.8	6032.5	5593.0	5157.1	4718.4	4273.0	3823.5	3373.3	2939.4	2529.6
-32.5°	6223.9	5872.1	5491.8	5106.8	4706.7	4296.7	3892.1	3482.2	3061.9	2671.2	2275.9
-35°	5616.1	5295.3	4955.7	4608.2	4238.5	3874.3	3500.9	3123.2	2755.3	2388.9	2011.4
-37.5°	5013.9	4723.7	4430.3	4112.0	3783.8	3449.2	3110.4	2778.0	2441.7	2098.5	1703.6
-40°	4434.6	4181.7	3911.9	3623.0	3335.1	3030.6	2740.4	2438.6	2123.7	1772.6	1364.7
-42.5°	3869.7	3641.4	3405.0	3161.7	2902.4	2646.0	2376.8	2089.9	1766.3	1394.5	1032.7
-45°	3337.3	3148.3	2937.5	2720.0	2493.4	2252.3	1998.0	1692.1	1355.0	1031.3	697.0
-47.5°	2844.4	2668.7	2480.7	2280.8	2069.4	1834.3	1550.1	1252.0	971.6	690.2	567.4
-50°	2336.3	2175.7	2006.2	1820.6	1591.5	1342.8	1100.0	857.8	660.0	547.0	456.9
-52.5°	1800.0	1645.7	1473.7	1284.8	1092.8	888.6	687.1	601.6	503.3	442.7	397.7
-55°	1221.6	1093.6	956.8	798.7	650.8	584.9	511.6	453.8	418.2	377.4	350.5
-57.5°	729.0	640.4	588.6	531.3	468.6	433.8	408.6	379.6	354.9	330.6	308.2
-60°	489.7	444.4	425.7	405.2	382.1	359.3	344.0	325.5	303.6	286.2	268.3
-62.5°	374.1	367.0	348.6	331.7	319.4	310.0	292.0	272.9	258.1	245.1	227.7
-65°	284.4	270.7	261.9	261.3	254.5	240.4	226.5	219.7	212.1	199.5	186.1
-67.5°	226.5	219.7	213.7	205.4	198.6	191.3	187.5	180.5	171.2	159.9	152.2
-70°	188.6	184.2	179.4	174.0	168.5	162.5	156.0	147.8	137.6	126.5	120.2
-72.5°	156.2	153.4	149.8	145.2	139.9	134.6	128.1	119.7	109.9	98.7	89.9
-75°	129.2	127.8	125.6	121.3	116.4	110.9	104.2	94.0	81.4	66.0	55.3
-77.5°	99.2	99.0	98.3	94.8	91.6	89.0	83.9	69.2	54.8	42.1	35.7
-80°	62.1	65.2	67.3	65.2	62.5	59.1	54.0	44.2	35.6	28.5	24.0
-82.5°	36.0	37.0	37.4	35.1	32.9	30.9	28.8	24.1	19.8	15.9	12.9
-85°	9.9	9.6	9.3	10.0	10.6	11.0	11.1	9.8	8.6	7.5	6.7
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.4	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.4	2.3	2.1	2.2	2.3	2.3	2.3	2.1	1.9	1.7
85°	6.8	6.6	6.2	5.6	5.2	4.6	4.7	4.6	4.2	3.8	3.3
82.5°	13.0	13.1	13.2	13.0	12.9	12.4	11.6	10.4	8.1	5.9	4.9
80°	27.0	28.5	28.5	26.8	23.4	20.4	19.6	18.0	14.9	11.8	8.9
77.5°	41.2	45.1	47.6	46.6	41.5	36.6	31.9	26.9	21.6	17.7	13.9
75°	56.3	61.5	65.5	65.4	60.0	52.8	46.4	39.8	31.9	23.9	18.8
72.5°	85.3	83.3	84.0	84.3	79.7	72.8	63.4	52.5	43.4	34.1	24.8
70°	114.5	106.9	101.8	100.9	98.5	93.3	84.0	69.9	54.8	44.3	33.6
67.5°	145.2	137.5	127.8	119.2	116.0	111.5	104.3	87.8	70.1	54.3	42.4
65°	176.7	167.6	158.3	145.8	136.3	129.8	122.5	104.8	84.7	66.6	51.0
62.5°	211.0	196.2	184.4	170.8	157.8	148.1	140.3	121.1	99.1	78.3	60.3
60°	248.8	229.8	210.6	194.4	178.9	165.1	154.0	137.5	114.7	89.5	69.5
57.5°	287.1	263.9	239.9	218.5	200.4	183.1	167.2	151.2	130.2	103.2	77.9
55°	325.5	299.8	269.3	243.2	221.6	202.4	181.5	163.6	144.8	117.5	84.3
52.5°	362.7	333.5	300.9	268.5	242.1	220.3	197.2	176.0	156.3	131.8	93.9
50°	408.2	365.8	331.5	296.4	262.3	236.9	212.0	189.0	167.6	144.8	102.9
47.5°	460.8	407.1	361.8	323.6	286.8	253.2	226.8	201.3	178.8	154.9	110.7
45°	565.6	454.1	397.2	351.7	309.9	272.7	241.5	212.8	189.0	159.2	117.3
42.5°	685.4	541.7	438.9	379.4	334.8	292.4	255.8	225.5	198.5	162.1	120.9
40°	973.7	651.1	495.0	416.3	359.8	310.7	272.0	238.0	206.4	163.8	122.3
37.5°	1269.8	854.3	593.7	452.2	386.4	333.1	287.3	250.2	209.9	165.5	122.7
35°	1570.3	1119.8	690.4	517.0	418.3	354.7	301.3	262.3	217.6	167.3	122.1
32.5°	1855.6	1376.3	912.2	602.8	448.9	375.7	317.7	274.3	227.4	168.9	120.5
30°	2100.3	1625.4	1132.0	684.7	491.6	401.6	335.9	285.7	239.1	170.5	118.7
27.5°	2322.9	1858.0	1338.6	843.5	562.2	426.7	353.1	296.4	252.5	174.8	119.0
25°	2527.7	2056.5	1538.0	1017.6	628.6	450.5	368.6	306.5	263.1	183.8	119.1
22.5°	2708.5	2233.1	1720.4	1176.1	688.4	473.7	385.4	319.4	271.2	193.4	118.8
20°	2870.9	2393.6	1886.2	1322.6	786.8	523.2	403.5	330.9	278.5	203.2	118.2
17.5°	3016.9	2533.1	2025.5	1461.4	904.4	567.0	420.0	340.9	285.1	213.2	117.1
15°	3159.4	2651.7	2143.8	1584.3	1007.9	604.9	434.8	349.5	290.9	222.8	116.5
12.5°	3279.2	2753.1	2243.6	1690.4	1097.0	637.0	447.8	356.6	295.8	231.4	115.7
10°	3375.3	2836.7	2324.8	1779.3	1171.0	663.2	459.0	362.0	299.7	238.4	113.4
7.5°	3447.8	2902.2	2387.5	1850.2	1229.6	684.7	466.0	365.1	302.7	244.1	109.8
5°	3500.1	2951.6	2433.1	1902.6	1271.9	702.3	470.6	366.7	305.1	248.1	105.1
2.5°	3543.3	2986.2	2461.7	1936.2	1297.7	714.4	472.7	366.9	306.5	250.2	99.7
0°	3564.6	3002.0	2472.6	1950.5	1307.1	720.6	472.5	365.8	307.0	250.0	93.8
-2.5°	3543.3	2986.2	2461.7	1936.2	1297.7	714.4	472.7	366.9	306.5	250.2	99.7
-5°	3500.1	2951.6	2433.1	1902.6	1271.9	702.3	470.6	366.7	305.1	248.1	105.1
-7.5°	3447.8	2902.2	2387.5	1850.2	1229.6	684.7	466.0	365.1	302.7	244.1	109.8
-10°	3375.3	2836.7	2324.8	1779.3	1171.0	663.2	459.0	362.0	299.7	238.4	113.4
-12.5°	3279.2	2753.1	2243.6	1690.4	1097.0	637.0	447.8	356.6	295.8	231.4	115.7
-15°	3159.4	2651.7	2143.8	1584.3	1007.9	604.9	434.8	349.5	290.9	222.8	116.5
-17.5°	3016.9	2533.1	2025.5	1461.4	904.4	567.0	420.0	340.9	285.1	213.2	117.1
-20°	2870.9	2393.6	1886.2	1322.6	786.8	523.2	403.5	330.9	278.5	203.2	118.2



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2708.5	2233.1	1720.4	1176.1	688.4	473.7	385.4	319.4	271.2	193.4	118.8
-25°	2527.7	2056.5	1538.0	1017.6	628.6	450.5	368.6	306.5	263.1	183.8	119.1
-27.5°	2322.9	1858.0	1338.6	843.5	562.2	426.7	353.1	296.4	252.5	174.8	119.0
-30°	2100.3	1625.4	1132.0	684.7	491.6	401.6	335.9	285.7	239.1	170.5	118.7
-32.5°	1855.6	1376.3	912.2	602.8	448.9	375.7	317.7	274.3	227.4	168.9	120.5
-35°	1570.3	1119.8	690.4	517.0	418.3	354.7	301.3	262.3	217.6	167.3	122.1
-37.5°	1269.8	854.3	593.7	452.2	386.4	333.1	287.3	250.2	209.9	165.5	122.7
-40°	973.7	651.1	495.0	416.3	359.8	310.7	272.0	238.0	206.4	163.8	122.3
-42.5°	685.4	541.7	438.9	379.4	334.8	292.4	255.8	225.5	198.5	162.1	120.9
-45°	565.6	454.1	397.2	351.7	309.9	272.7	241.5	212.8	189.0	159.2	117.3
-47.5°	460.8	407.1	361.8	323.6	286.8	253.2	226.8	201.3	178.8	154.9	110.7
-50°	408.2	365.8	331.5	296.4	262.3	236.9	212.0	189.0	167.6	144.8	102.9
-52.5°	362.7	333.5	300.9	268.5	242.1	220.3	197.2	176.0	156.3	131.8	93.9
-55°	325.5	299.8	269.3	243.2	221.6	202.4	181.5	163.6	144.8	117.5	84.3
-57.5°	287.1	263.9	239.9	218.5	200.4	183.1	167.2	151.2	130.2	103.2	77.9
-60°	248.8	229.8	210.6	194.4	178.9	165.1	154.0	137.5	114.7	89.5	69.5
-62.5°	211.0	196.2	184.4	170.8	157.8	148.1	140.3	121.1	99.1	78.3	60.3
-65°	176.7	167.6	158.3	145.8	136.3	129.8	122.5	104.8	84.7	66.6	51.0
-67.5°	145.2	137.5	127.8	119.2	116.0	111.5	104.3	87.8	70.1	54.3	42.4
-70°	114.5	106.9	101.8	100.9	98.5	93.3	84.0	69.9	54.8	44.3	33.6
-72.5°	85.3	83.3	84.0	84.3	79.7	72.8	63.4	52.5	43.4	34.1	24.8
-75°	56.3	61.5	65.5	65.4	60.0	52.8	46.4	39.8	31.9	23.9	18.8
-77.5°	41.2	45.1	47.6	46.6	41.5	36.6	31.9	26.9	21.6	17.7	13.9
-80°	27.0	28.5	28.5	26.8	23.4	20.4	19.6	18.0	14.9	11.8	8.9
-82.5°	13.0	13.1	13.2	13.0	12.9	12.4	11.6	10.4	8.1	5.9	4.9
-85°	6.8	6.6	6.2	5.6	5.2	4.6	4.7	4.6	4.2	3.8	3.3
-87.5°	2.5	2.4	2.3	2.1	2.2	2.3	2.3	2.3	2.1	1.9	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	6.0	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	10.1	6.5	4.7	3.6	2.4	1.2	0.0
75°	14.2	9.5	5.9	4.3	2.8	1.4	0.0
72.5°	18.1	12.3	7.8	4.9	3.3	1.7	0.0
70°	22.2	15.0	9.6	5.7	3.8	1.9	0.0
67.5°	29.0	17.6	11.4	6.8	4.2	2.1	0.0
65°	35.3	21.1	13.1	7.9	4.6	2.3	0.0
62.5°	41.2	25.2	14.7	8.9	5.1	2.5	0.0
60°	46.6	29.0	16.2	9.9	5.5	2.7	0.0
57.5°	52.0	32.5	18.5	10.8	6.0	3.0	0.0
55°	56.8	35.5	20.5	11.6	6.6	3.2	0.0
52.5°	61.0	38.3	22.3	12.3	7.1	3.3	0.0
50°	64.4	40.8	23.9	13.0	7.6	3.5	0.0
47.5°	67.7	42.8	25.2	13.6	8.1	3.7	0.0
45°	73.1	44.3	26.2	14.4	8.6	3.9	0.0
42.5°	77.7	45.4	26.9	14.9	9.0	4.1	0.0
40°	81.3	45.9	27.4	15.6	9.4	4.2	0.0
37.5°	84.1	45.9	27.6	16.4	9.8	4.4	0.0
35°	85.9	46.9	27.6	17.1	10.2	4.5	0.0
32.5°	86.3	48.2	27.2	17.8	10.6	4.6	0.0
30°	84.6	48.8	26.5	18.4	10.9	4.8	0.0
27.5°	82.3	48.8	27.2	19.0	11.2	4.9	0.0
25°	79.3	48.2	28.0	19.5	11.5	5.0	0.0
22.5°	75.7	48.2	28.8	20.0	11.8	5.1	0.0
20°	71.5	50.5	29.5	20.4	12.0	5.2	0.0
17.5°	70.8	52.4	30.2	20.8	12.2	5.2	0.0
15°	72.2	54.1	30.8	21.2	12.4	5.3	0.0
12.5°	73.5	55.6	31.3	21.4	12.5	5.4	0.0
10°	74.6	56.8	31.8	21.7	12.7	5.4	0.0
7.5°	75.6	57.7	32.3	21.9	12.8	5.5	0.0
5°	76.3	58.3	32.6	22.0	12.8	5.5	0.0
2.5°	76.9	58.7	32.9	22.1	12.9	5.5	0.0
0°	77.2	58.8	33.1	22.1	12.9	5.5	0.0
-2.5°	76.9	58.7	32.9	22.1	12.9	5.5	0.0
-5°	76.3	58.3	32.6	22.0	12.8	5.5	0.0
-7.5°	75.6	57.7	32.3	21.9	12.8	5.5	0.0
-10°	74.6	56.8	31.8	21.7	12.7	5.4	0.0
-12.5°	73.5	55.6	31.3	21.4	12.5	5.4	0.0
-15°	72.2	54.1	30.8	21.2	12.4	5.3	0.0
-17.5°	70.8	52.4	30.2	20.8	12.2	5.2	0.0
-20°	71.5	50.5	29.5	20.4	12.0	5.2	0.0



REPORT NUMBER: P558947 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.7	48.2	28.8	20.0	11.8	5.1	0.0
-25°	79.3	48.2	28.0	19.5	11.5	5.0	0.0
-27.5°	82.3	48.8	27.2	19.0	11.2	4.9	0.0
-30°	84.6	48.8	26.5	18.4	10.9	4.8	0.0
-32.5°	86.3	48.2	27.2	17.8	10.6	4.6	0.0
-35°	85.9	46.9	27.6	17.1	10.2	4.5	0.0
-37.5°	84.1	45.9	27.6	16.4	9.8	4.4	0.0
-40°	81.3	45.9	27.4	15.6	9.4	4.2	0.0
-42.5°	77.7	45.4	26.9	14.9	9.0	4.1	0.0
-45°	73.1	44.3	26.2	14.4	8.6	3.9	0.0
-47.5°	67.7	42.8	25.2	13.6	8.1	3.7	0.0
-50°	64.4	40.8	23.9	13.0	7.6	3.5	0.0
-52.5°	61.0	38.3	22.3	12.3	7.1	3.3	0.0
-55°	56.8	35.5	20.5	11.6	6.6	3.2	0.0
-57.5°	52.0	32.5	18.5	10.8	6.0	3.0	0.0
-60°	46.6	29.0	16.2	9.9	5.5	2.7	0.0
-62.5°	41.2	25.2	14.7	8.9	5.1	2.5	0.0
-65°	35.3	21.1	13.1	7.9	4.6	2.3	0.0
-67.5°	29.0	17.6	11.4	6.8	4.2	2.1	0.0
-70°	22.2	15.0	9.6	5.7	3.8	1.9	0.0
-72.5°	18.1	12.3	7.8	4.9	3.3	1.7	0.0
-75°	14.2	9.5	5.9	4.3	2.8	1.4	0.0
-77.5°	10.1	6.5	4.7	3.6	2.4	1.2	0.0
-80°	6.0	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)