

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: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-927-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

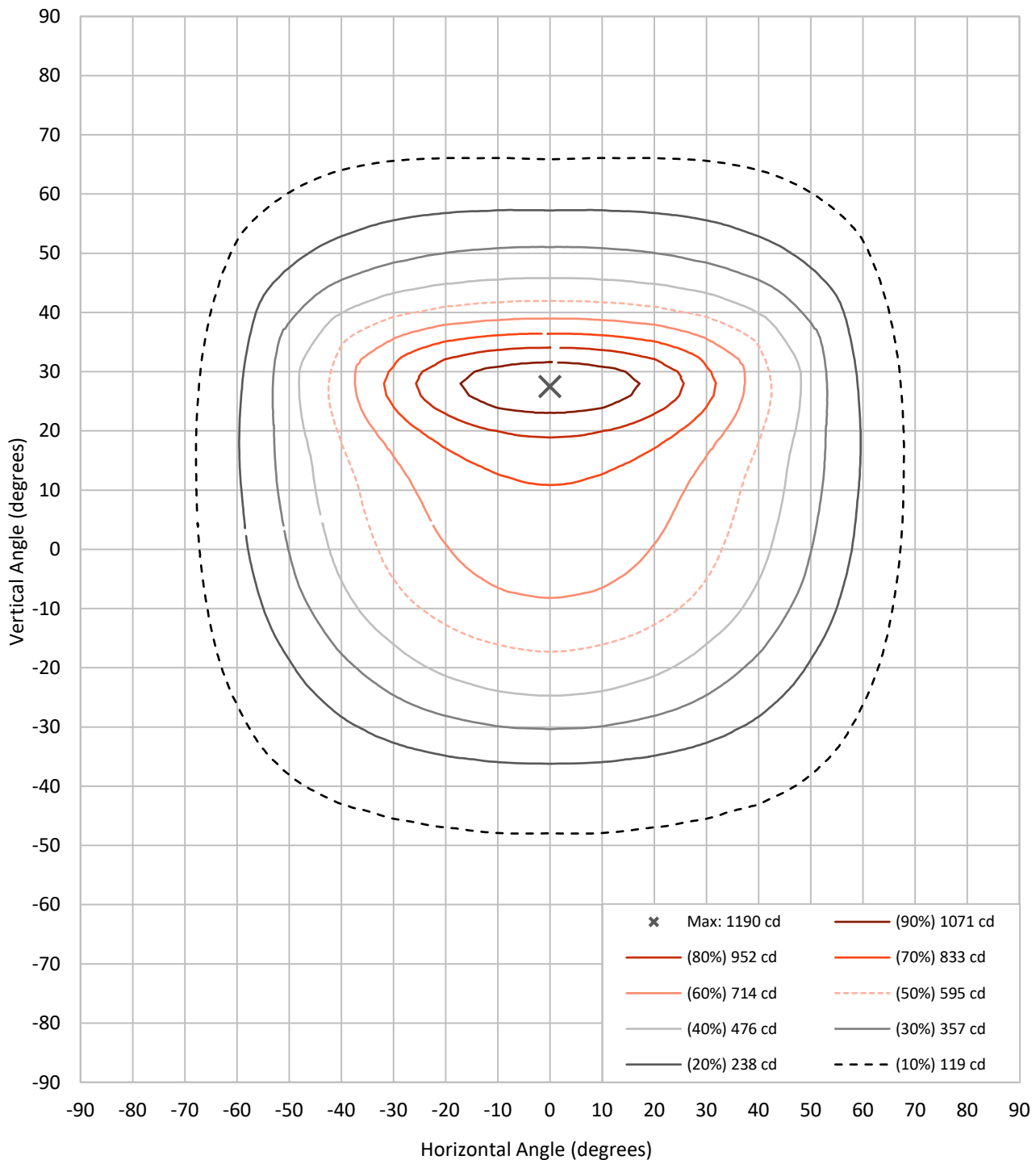
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	1734.9 lumens	Max Intensity:	1190 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	96.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	901.6 lumens	Field Lumens:	1604.9 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	18		
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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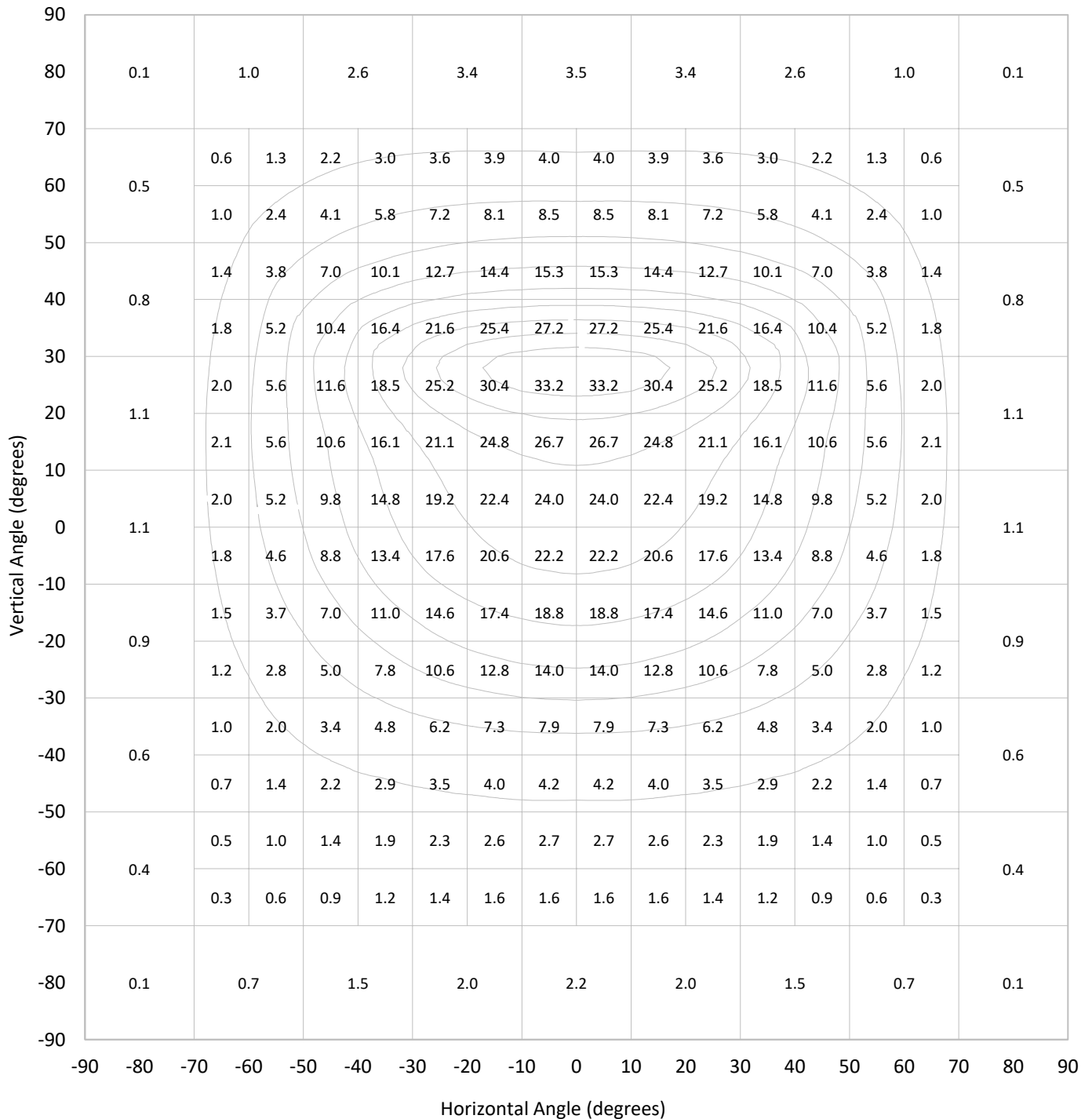
### Iso-Candela Plot





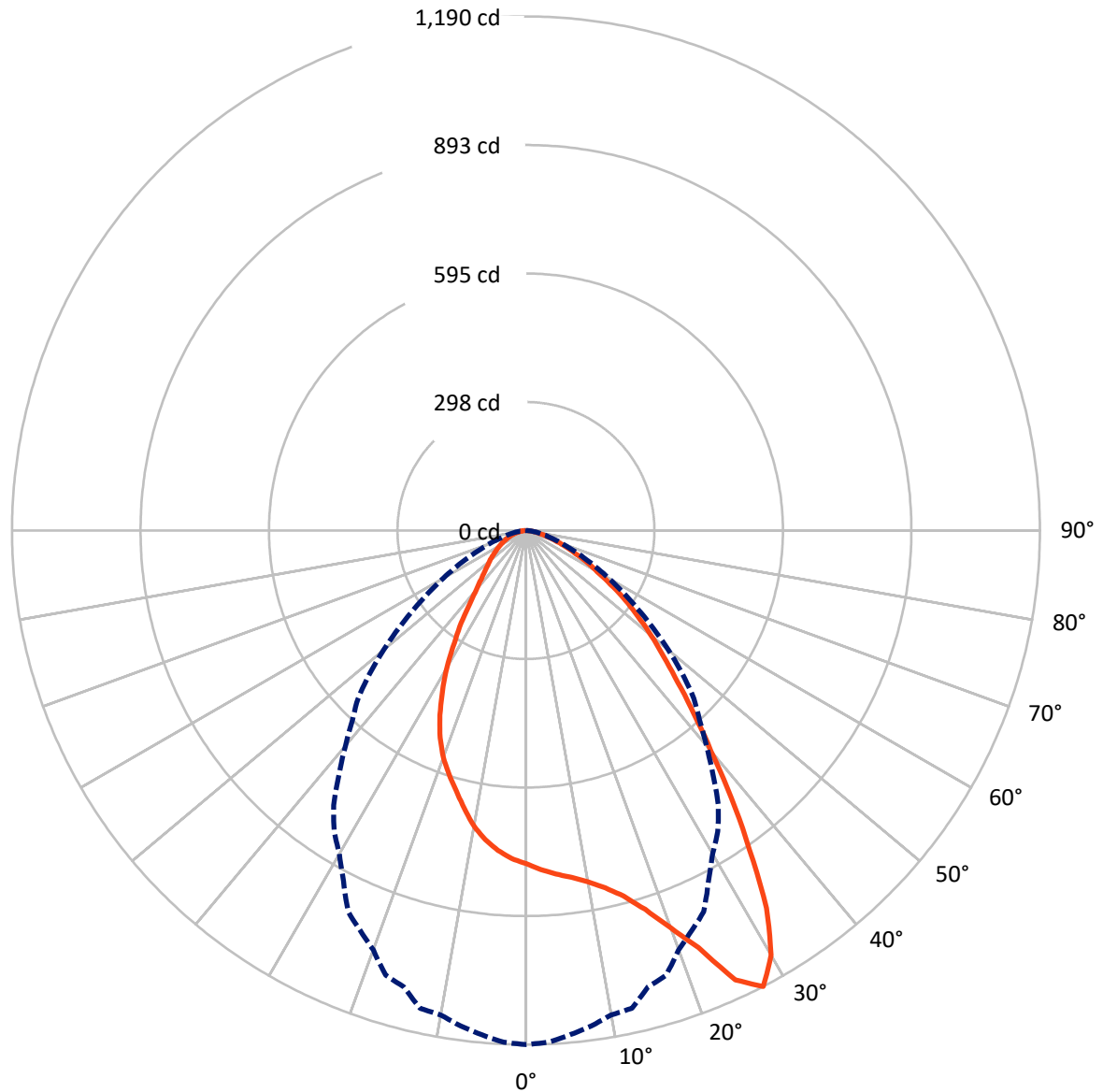
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### Lumen Table



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

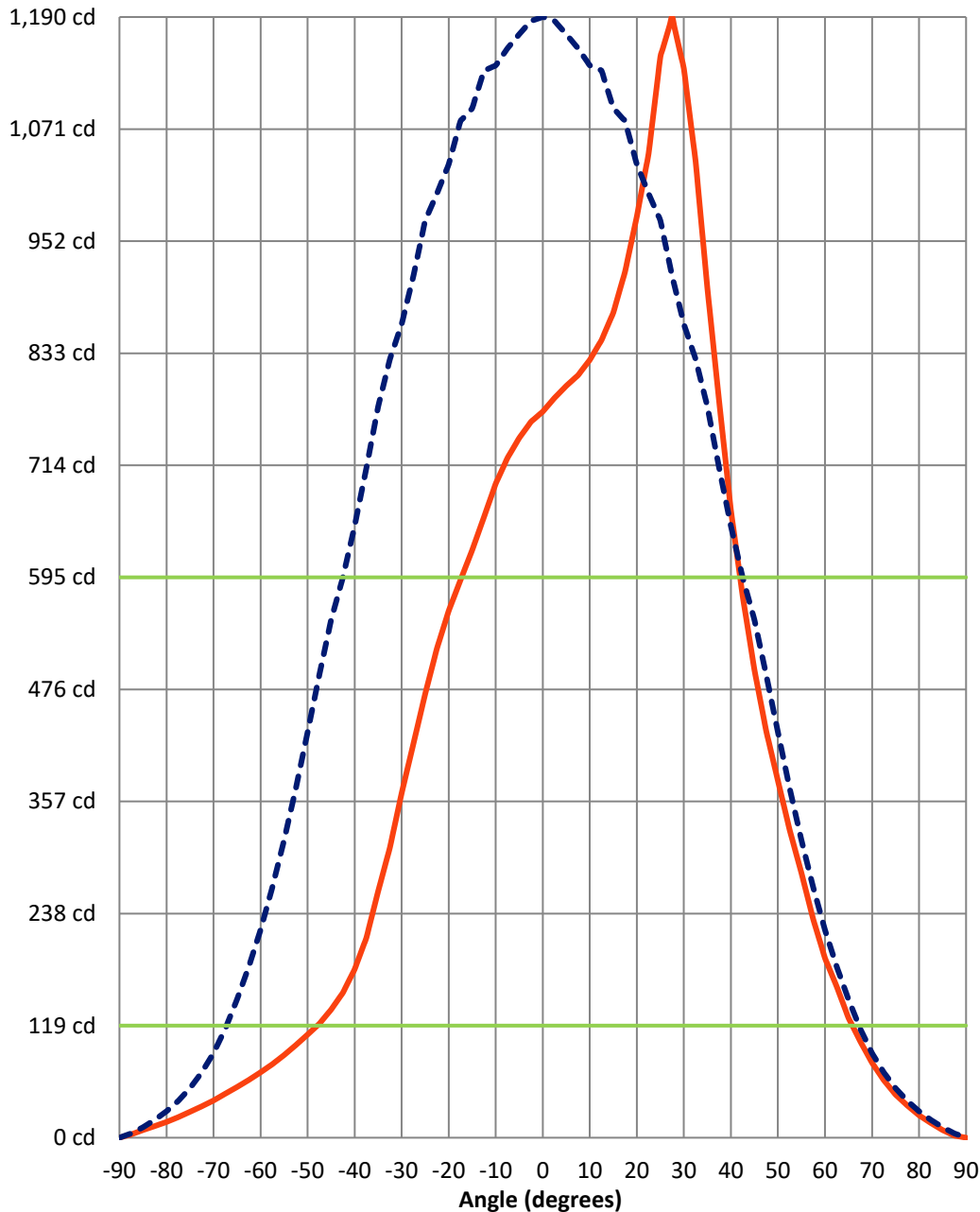
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 901.6  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 1604.9  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 130  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



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 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.6	3.0	3.4	3.8	4.1
82.5°	0.0	0.7	1.4	2.1	2.7	3.3	4.0	4.5	5.2	6.4	7.6
80°	0.0	0.9	1.8	2.7	3.6	4.4	5.4	6.9	8.5	10.1	11.8
77.5°	0.0	1.1	2.3	3.4	4.5	5.8	7.7	9.6	11.6	13.8	16.2
75°	0.0	1.3	2.7	4.1	5.5	7.6	9.9	12.3	14.9	18.1	21.4
72.5°	0.0	1.6	3.2	4.7	6.8	9.4	12.1	15.2	18.9	22.7	26.6
70°	0.0	1.8	3.6	5.4	8.2	11.2	14.4	18.5	22.8	27.2	32.3
67.5°	0.0	2.0	4.0	6.4	9.5	12.9	17.1	21.8	26.6	32.4	38.1
65°	0.0	2.2	4.5	7.4	10.8	14.8	19.8	25.1	31.1	37.4	44.1
62.5°	0.0	2.4	4.9	8.3	12.1	16.8	22.4	28.6	35.5	42.6	50.7
60°	0.0	2.6	5.3	9.2	13.3	18.8	24.8	32.3	39.7	48.2	57.1
57.5°	0.0	2.8	5.8	10.1	14.8	20.8	27.6	35.9	44.3	53.6	64.4
55°	0.0	3.0	6.4	10.9	16.2	22.6	30.4	39.2	48.9	59.1	71.8
52.5°	0.0	3.2	6.9	11.7	17.6	24.4	33.0	42.7	53.2	65.2	78.9
50°	0.0	3.3	7.4	12.5	18.9	26.4	35.4	46.0	57.6	71.0	87.3
47.5°	0.0	3.5	7.9	13.3	20.1	28.2	37.7	49.1	62.3	76.4	95.3
45°	0.0	3.7	8.4	14.1	21.3	30.0	40.1	51.9	66.4	82.9	102.6
42.5°	0.0	3.8	8.9	15.0	22.4	31.6	42.4	54.9	70.2	88.9	110.9
40°	0.0	4.0	9.3	15.7	23.5	33.1	44.4	57.9	73.9	94.3	118.8
37.5°	0.0	4.1	9.7	16.5	24.6	34.4	46.2	60.7	78.0	99.2	125.7
35°	0.0	4.2	10.1	17.1	25.6	35.7	47.9	63.1	81.6	104.5	132.3
32.5°	0.0	4.3	10.4	17.8	26.5	37.0	49.4	65.3	84.7	109.0	138.2
30°	0.0	4.5	10.8	18.4	27.3	38.1	51.1	67.3	87.4	112.7	143.0
27.5°	0.0	4.6	11.1	18.9	28.1	39.1	52.6	69.3	89.8	115.7	146.9
25°	0.0	4.7	11.3	19.4	28.7	39.9	53.8	71.1	92.2	118.4	149.8
22.5°	0.0	4.7	11.6	19.8	29.3	40.6	54.8	72.4	94.0	120.6	152.2
20°	0.0	4.8	11.8	20.2	29.8	41.3	55.6	73.3	95.2	122.0	153.8
17.5°	0.0	4.9	12.0	20.5	30.2	41.8	56.3	74.0	95.8	122.7	154.6
15°	0.0	5.0	12.2	20.8	30.5	42.3	56.9	74.4	96.0	122.7	154.4
12.5°	0.0	5.0	12.3	21.1	30.7	42.6	57.2	74.7	95.9	121.9	153.5
10°	0.0	5.0	12.4	21.2	30.9	42.8	57.3	74.7	95.8	121.6	152.1
7.5°	0.0	5.1	12.5	21.3	30.9	42.9	57.3	74.4	95.2	120.8	150.6
5°	0.0	5.1	12.6	21.4	30.9	42.9	57.0	73.9	94.3	119.5	148.3
2.5°	0.0	5.1	12.6	21.4	30.8	42.8	56.6	73.1	92.9	117.7	145.3
0°	0.0	5.1	12.6	21.4	30.6	42.5	56.0	72.1	91.3	115.5	141.7
-2.5°	0.0	5.1	12.6	21.3	30.5	42.1	55.4	71.0	89.7	113.0	138.1
-5°	0.0	5.1	12.5	21.2	30.2	41.6	54.6	69.8	87.8	110.1	134.0
-7.5°	0.0	5.1	12.4	21.0	29.9	41.0	53.6	68.3	85.7	106.9	129.4
-10°	0.0	5.1	12.3	20.7	29.6	40.3	52.6	66.7	83.3	103.3	124.6
-12.5°	0.0	5.0	12.2	20.4	29.2	39.5	51.4	64.9	80.7	99.5	119.8
-15°	0.0	5.0	12.0	20.1	28.7	38.6	50.0	63.0	78.0	95.8	114.9
-17.5°	0.0	4.9	11.8	19.7	28.1	37.7	48.6	61.0	75.3	91.9	109.8
-20°	0.0	4.9	11.6	19.3	27.5	36.6	47.1	59.0	72.5	87.8	104.4



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 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.8	11.4	18.9	26.8	35.6	45.6	56.9	69.5	83.5	98.9
-25°	0.0	4.7	11.1	18.4	26.1	34.5	44.0	54.7	66.5	79.1	93.3
-27.5°	0.0	4.6	10.9	17.8	25.3	33.4	42.3	52.3	63.3	74.9	88.0
-30°	0.0	4.5	10.6	17.3	24.4	32.2	40.6	49.9	60.3	71.1	82.6
-32.5°	0.0	4.4	10.2	16.7	23.6	30.9	38.8	47.6	57.2	67.2	77.3
-35°	0.0	4.3	9.9	16.0	22.6	29.6	37.1	45.3	54.1	63.3	72.1
-37.5°	0.0	4.2	9.5	15.4	21.7	28.3	35.4	43.0	50.9	59.4	67.8
-40°	0.0	4.1	9.2	14.7	20.6	27.0	33.7	40.6	47.7	55.7	63.6
-42.5°	0.0	3.9	8.8	14.0	19.6	25.7	31.8	38.2	44.8	52.0	59.4
-45°	0.0	3.8	8.4	13.2	18.7	24.3	30.0	35.9	42.0	48.4	55.2
-47.5°	0.0	3.6	7.9	12.5	17.6	22.9	28.1	33.7	39.2	44.8	51.2
-50°	0.0	3.4	7.5	11.8	16.6	21.5	26.3	31.4	36.5	41.7	47.2
-52.5°	0.0	3.2	7.0	11.1	15.5	20.0	24.6	29.1	33.8	38.6	43.3
-55°	0.0	3.1	6.6	10.4	14.4	18.6	22.8	26.8	31.2	35.5	39.8
-57.5°	0.0	2.9	6.1	9.7	13.2	17.1	21.0	24.8	28.5	32.4	36.3
-60°	0.0	2.7	5.6	8.9	12.0	15.7	19.2	22.7	25.9	29.4	32.8
-62.5°	0.0	2.5	5.2	8.2	11.0	14.2	17.4	20.6	23.5	26.4	29.5
-65°	0.0	2.3	4.8	7.4	10.0	12.7	15.7	18.5	21.1	23.6	26.1
-67.5°	0.0	2.1	4.3	6.6	9.0	11.3	13.8	16.4	18.7	21.0	23.1
-70°	0.0	1.8	3.9	5.8	7.9	10.0	12.0	14.3	16.4	18.3	20.1
-72.5°	0.0	1.6	3.4	5.1	6.9	8.7	10.4	12.2	14.0	15.7	17.2
-75°	0.0	1.4	2.9	4.4	5.8	7.4	8.8	10.3	11.7	13.2	14.6
-77.5°	0.0	1.2	2.5	3.7	4.8	6.0	7.3	8.5	9.7	10.8	11.9
-80°	0.0	0.9	2.0	2.9	3.9	4.8	5.7	6.7	7.7	8.6	9.4
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	4.9	5.6	6.3	7.0
-85°	0.0	0.5	1.0	1.5	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





REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-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°	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8
85°	4.4	4.6	5.1	5.6	6.2	6.6	7.1	7.4	7.8	8.0	8.3
82.5°	8.6	9.5	10.4	11.2	11.9	12.6	13.2	14.0	14.6	15.1	15.5
80°	13.2	14.4	15.9	17.4	18.7	19.8	20.9	21.9	22.6	23.4	24.1
77.5°	18.5	20.5	22.4	24.2	25.9	27.8	29.6	31.3	32.6	33.6	34.3
75°	24.2	26.6	29.4	32.1	34.7	37.1	39.4	42.2	44.4	46.1	47.5
72.5°	30.4	33.9	37.2	40.5	44.2	47.9	51.5	54.9	57.9	60.1	61.9
70°	37.0	41.1	45.7	50.4	54.9	59.5	64.4	68.8	72.5	75.1	77.6
67.5°	43.8	49.4	54.9	60.6	67.0	72.8	78.2	83.8	88.8	92.1	94.9
65°	51.6	57.9	65.3	72.7	79.8	87.1	93.8	99.9	106.2	110.8	114.5
62.5°	59.1	68.0	76.7	85.4	94.3	102.2	111.0	118.9	125.2	131.7	137.3
60°	68.1	78.6	89.2	99.8	109.7	120.9	130.6	139.7	148.1	155.4	162.3
57.5°	77.0	90.6	103.2	115.6	128.7	140.6	152.0	162.3	172.3	180.8	189.0
55°	86.4	103.9	118.4	133.8	148.2	161.7	174.4	187.3	198.0	209.6	219.7
52.5°	96.8	116.8	135.6	152.5	168.7	184.3	199.6	215.0	230.1	242.1	253.5
50°	106.5	130.4	153.0	172.3	190.9	209.4	228.5	247.8	264.4	278.1	290.0
47.5°	117.3	143.1	171.7	193.0	215.5	238.3	261.5	282.8	300.9	319.6	332.7
45°	127.7	155.8	186.9	216.5	242.5	270.1	295.6	319.1	345.4	365.8	383.3
42.5°	137.3	167.9	202.5	240.2	272.6	302.3	330.0	363.0	393.2	417.0	438.9
40°	147.1	178.9	216.8	262.2	302.7	334.4	368.1	404.6	443.8	473.2	499.4
37.5°	156.1	190.2	229.8	279.1	332.4	367.2	404.4	444.1	488.8	533.0	564.4
35°	164.0	199.8	242.7	292.7	347.3	399.0	438.3	480.6	529.5	586.8	629.7
32.5°	171.2	207.6	252.9	303.4	358.8	419.3	469.3	512.7	561.8	620.9	693.7
30°	177.1	215.1	260.5	311.1	366.6	427.0	490.4	537.6	584.2	642.3	710.0
27.5°	181.6	220.7	265.8	315.9	370.8	430.5	491.5	549.8	594.9	649.5	711.1
25°	185.0	225.2	268.5	317.6	371.4	429.0	487.7	542.8	593.4	641.6	696.9
22.5°	187.8	228.3	271.5	316.4	368.7	423.5	478.6	531.2	580.2	625.3	672.9
20°	189.9	230.3	273.1	317.6	364.0	414.5	467.3	517.3	564.6	608.3	647.0
17.5°	190.9	230.9	273.1	317.4	363.2	407.4	453.3	501.4	548.0	591.3	629.6
15°	190.7	230.1	271.6	315.7	360.8	404.6	446.9	486.6	529.9	573.8	611.9
12.5°	189.5	228.0	268.6	312.6	356.9	400.2	441.7	481.6	520.5	557.2	593.6
10°	187.2	224.7	264.3	307.9	351.5	394.2	435.2	475.2	513.7	549.7	583.6
7.5°	184.8	221.0	259.1	301.9	344.7	386.6	427.2	467.3	505.0	541.0	575.3
5°	181.7	217.0	255.1	296.1	337.4	378.2	418.0	457.9	494.6	530.9	565.3
2.5°	177.7	212.1	250.1	289.1	329.2	369.6	408.1	447.2	484.8	519.7	553.6
0°	173.0	206.3	244.0	280.8	319.6	359.5	396.5	434.8	473.9	506.9	540.0
-2.5°	167.8	199.3	235.2	271.8	309.3	348.4	386.3	422.6	460.9	494.2	528.1
-5°	162.1	191.7	225.4	261.6	297.8	335.9	374.5	409.0	445.6	478.5	511.8
-7.5°	155.7	183.4	214.8	250.1	284.6	320.6	357.2	390.4	425.9	458.5	490.9
-10°	149.1	175.2	204.5	237.2	269.7	303.3	337.6	370.1	404.3	436.8	468.0
-12.5°	142.7	167.1	194.0	223.7	254.0	285.0	316.9	348.3	380.8	413.4	442.5
-15°	136.0	158.7	183.0	209.6	237.6	266.0	295.3	325.0	355.5	387.3	414.3
-17.5°	129.1	149.9	171.9	195.3	220.6	246.3	273.3	301.9	329.8	358.8	384.9
-20°	122.0	140.8	160.6	180.8	203.3	227.9	253.1	278.9	304.2	329.5	353.9



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	114.8	131.6	149.6	167.4	188.7	210.9	233.1	255.4	278.1	299.9	323.0
-25°	107.9	123.0	138.9	156.2	174.5	194.1	213.1	232.0	252.1	272.6	292.5
-27.5°	101.2	114.5	129.6	145.0	160.2	177.6	194.3	210.3	227.9	245.9	262.0
-30°	94.5	107.1	120.3	134.0	147.4	162.0	176.3	190.4	204.7	220.1	234.1
-32.5°	88.2	99.8	111.8	123.8	135.2	146.5	159.8	172.2	184.0	195.0	207.1
-35°	82.6	93.2	103.6	113.9	123.3	133.3	144.4	154.8	164.3	173.1	182.4
-37.5°	77.2	86.7	95.4	104.7	113.0	121.5	129.7	138.8	146.4	153.5	161.1
-40°	71.9	80.3	88.2	95.9	103.5	110.6	117.6	123.8	129.9	136.7	142.0
-42.5°	66.6	74.4	81.5	87.4	94.6	100.7	106.1	111.3	116.3	121.6	125.8
-45°	61.9	68.6	75.0	80.7	86.1	91.3	95.9	99.9	104.7	108.4	111.5
-47.5°	57.2	63.0	68.9	74.1	78.6	82.9	86.3	90.3	94.2	97.4	99.2
-50°	52.5	57.8	62.8	67.7	71.8	75.2	78.2	81.5	84.7	87.4	89.1
-52.5°	48.3	52.6	57.3	61.5	65.2	68.3	71.1	74.0	76.4	78.2	80.5
-55°	44.0	48.1	51.9	55.7	58.9	61.7	64.5	67.1	69.1	70.7	72.6
-57.5°	40.1	43.7	47.1	50.2	53.1	55.5	58.2	60.4	62.4	63.8	65.8
-60°	36.2	39.5	42.6	45.3	47.6	50.0	52.2	54.2	55.9	57.4	59.2
-62.5°	32.3	35.3	38.1	40.6	42.8	44.7	46.7	48.4	49.8	51.3	52.8
-65°	28.8	31.2	33.7	36.0	38.1	39.9	41.5	42.9	44.2	45.6	46.8
-67.5°	25.2	27.5	29.5	31.4	33.3	35.1	36.6	37.8	38.9	40.0	41.1
-70°	22.0	23.8	25.7	27.3	28.8	30.3	31.8	32.9	33.9	34.8	35.6
-72.5°	18.8	20.5	22.0	23.4	24.7	25.9	27.1	28.2	29.1	29.8	30.3
-75°	15.9	17.1	18.4	19.6	20.7	21.7	22.5	23.4	24.2	24.8	25.2
-77.5°	13.0	14.0	15.0	16.0	16.7	17.5	18.2	18.8	19.4	19.9	20.2
-80°	10.2	11.0	11.8	12.5	13.1	13.6	14.1	14.5	14.9	15.3	15.7
-82.5°	7.6	8.1	8.7	9.2	9.6	10.0	10.3	10.6	10.9	11.2	11.4
-85°	5.0	5.3	5.6	5.9	6.3	6.5	6.8	7.0	7.2	7.3	7.4
-87.5°	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.6	3.7
-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: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-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°	2.9	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.3	2.4	2.5
85°	8.4	8.4	8.4	8.3	8.1	8.1	8.1	8.1	8.0	8.1	8.2
82.5°	15.8	15.9	15.9	15.8	15.7	15.7	15.8	15.8	15.7	15.8	15.8
80°	24.7	24.9	24.9	24.7	24.4	24.5	24.5	24.4	24.2	24.3	24.3
77.5°	35.2	35.7	35.9	35.8	35.5	35.4	35.1	34.7	33.9	33.9	34.0
75°	48.5	49.1	49.4	49.4	49.1	48.8	48.5	48.0	47.2	47.2	47.2
72.5°	63.2	64.1	64.4	64.8	64.8	64.7	64.3	63.5	62.3	62.1	62.3
70°	79.6	81.0	81.8	82.5	83.0	83.1	82.9	82.2	81.2	80.9	80.8
67.5°	97.7	99.9	101.6	102.7	103.7	104.5	104.8	104.4	103.6	103.3	103.4
65°	118.1	121.5	124.2	126.3	127.7	128.7	129.6	130.1	130.2	130.5	130.9
62.5°	141.8	146.0	149.9	152.5	153.9	154.8	157.6	159.2	159.7	159.8	160.4
60°	168.4	173.6	178.4	182.3	185.5	187.8	190.2	191.8	192.4	192.5	193.3
57.5°	197.4	203.9	209.6	215.7	219.9	222.3	225.5	228.7	230.5	230.9	232.9
55°	229.4	238.5	245.8	252.3	258.1	263.3	267.7	271.0	273.5	275.0	277.7
52.5°	264.9	275.5	283.2	290.8	299.2	305.2	309.1	315.3	319.8	322.2	325.4
50°	303.9	315.7	326.2	334.1	343.9	352.0	357.9	363.8	367.9	370.3	373.4
47.5°	348.3	362.8	374.9	382.3	393.6	403.2	407.1	411.5	419.3	423.1	426.4
45°	398.2	416.7	430.2	441.7	451.5	462.2	469.3	474.4	482.0	485.8	488.3
42.5°	457.6	478.2	496.0	509.9	518.1	532.0	542.1	545.0	555.8	563.2	565.3
40°	524.3	547.1	570.6	586.4	599.6	613.7	630.4	639.7	648.9	656.1	657.8
37.5°	593.7	624.3	651.1	671.4	693.3	714.1	731.8	741.5	747.6	761.4	766.5
35°	664.3	695.9	733.4	765.0	791.5	817.2	837.5	853.4	868.5	881.0	888.4
32.5°	724.5	758.4	804.7	852.1	880.7	908.5	941.7	959.9	980.2	996.6	1008.5
30°	773.9	806.1	848.3	907.7	946.9	975.1	1017.1	1042.3	1064.3	1092.1	1101.8
27.5°	776.2	826.6	864.0	915.1	973.9	1002.5	1033.6	1079.4	1093.3	1132.9	1138.6
25°	755.8	808.8	847.2	889.8	938.7	973.5	1001.9	1040.0	1059.9	1085.4	1105.0
22.5°	724.0	770.7	809.8	845.9	884.1	915.8	941.8	968.5	990.4	1010.2	1028.5
20°	688.8	733.1	770.2	801.3	831.6	860.9	884.3	906.7	925.6	942.6	953.1
17.5°	664.0	695.9	733.8	765.7	791.9	814.9	839.1	857.9	874.5	889.7	899.3
15°	647.1	677.4	704.4	733.7	761.2	783.2	801.5	820.8	835.1	848.3	858.7
12.5°	629.5	660.8	689.0	713.4	735.0	759.0	778.4	793.7	808.7	819.1	829.7
10°	614.8	644.1	673.3	699.1	721.8	741.6	760.0	777.2	790.7	802.3	810.6
7.5°	606.3	635.0	661.3	686.0	708.1	729.2	748.2	763.9	777.3	789.3	798.1
5°	596.4	624.8	651.1	676.3	697.6	717.9	736.8	752.9	766.8	777.4	785.9
2.5°	585.1	613.1	639.3	665.0	686.3	705.8	723.7	739.4	753.8	764.1	771.2
0°	572.2	600.2	625.9	650.0	671.4	692.5	709.0	724.9	739.0	749.1	756.2
-2.5°	559.2	587.1	613.6	636.7	658.0	677.4	695.0	710.0	723.5	733.5	739.7
-5°	541.9	569.6	595.8	619.1	641.3	660.8	677.9	693.1	706.1	717.1	725.6
-7.5°	521.0	549.0	575.1	598.9	621.0	639.5	655.8	671.3	685.1	697.0	707.5
-10°	498.0	525.6	550.3	572.6	593.3	612.0	629.4	644.7	657.3	669.0	677.8
-12.5°	471.2	496.8	520.9	543.0	563.1	581.8	598.4	612.9	625.7	636.0	644.0
-15°	441.6	465.9	488.8	511.3	532.4	550.8	565.4	580.7	591.8	601.8	609.0
-17.5°	409.9	433.5	457.5	480.0	499.5	517.8	533.8	547.8	559.3	568.6	576.7
-20°	377.8	401.8	425.0	446.4	465.1	482.1	498.3	511.7	523.6	533.6	543.1



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	345.6	367.6	389.3	410.3	428.0	444.0	458.2	471.1	481.6	493.4	501.8
-25°	312.5	331.7	351.4	370.0	386.7	402.4	415.3	426.5	437.5	448.9	457.0
-27.5°	279.3	296.3	312.2	328.7	343.4	357.0	368.9	378.7	389.3	397.0	405.9
-30°	246.4	261.8	275.1	286.5	300.3	312.0	321.4	331.1	339.9	347.2	354.7
-32.5°	218.5	229.1	239.7	249.2	258.4	268.0	275.5	284.1	290.1	296.4	302.5
-35°	191.7	199.9	207.0	215.9	222.7	228.0	234.2	240.5	242.9	249.7	253.4
-37.5°	167.5	172.8	179.4	185.7	190.8	194.7	200.2	203.5	205.2	209.7	212.1
-40°	146.8	150.2	156.3	160.6	163.6	166.4	171.1	173.2	175.6	177.8	177.9
-42.5°	128.6	132.9	137.0	140.4	142.3	145.6	147.7	148.0	151.0	153.0	153.3
-45°	113.6	118.0	121.3	123.8	125.7	128.5	129.9	130.7	133.2	134.5	135.1
-47.5°	102.1	105.2	108.1	109.9	112.5	114.6	115.6	116.9	118.8	120.1	120.9
-50°	92.1	94.5	96.7	98.4	100.9	102.8	103.8	105.4	106.8	107.6	108.3
-52.5°	83.2	85.4	86.9	88.6	90.7	92.3	93.5	95.1	96.3	97.1	97.7
-55°	74.9	76.9	78.4	80.3	81.8	82.9	83.9	85.5	86.7	87.4	88.0
-57.5°	67.6	69.1	70.5	72.2	73.6	74.8	75.8	76.7	77.4	78.1	78.6
-60°	60.7	62.0	63.3	64.6	65.7	66.5	67.6	68.3	68.8	69.2	69.6
-62.5°	54.1	55.2	56.4	57.4	58.3	59.0	59.9	60.5	61.0	61.3	61.5
-65°	47.8	48.8	49.8	50.7	51.4	52.0	52.6	53.1	53.4	53.6	53.9
-67.5°	42.0	42.7	43.4	44.0	44.6	45.1	45.6	46.0	46.2	46.4	46.6
-70°	36.3	36.9	37.4	37.8	38.1	38.5	39.0	39.4	39.5	39.8	40.0
-72.5°	30.8	31.3	31.7	32.0	32.1	32.4	32.8	33.1	33.3	33.4	33.5
-75°	25.6	26.0	26.3	26.5	26.6	26.8	27.0	27.1	27.1	27.2	27.3
-77.5°	20.5	20.8	21.1	21.3	21.5	21.6	21.8	21.8	21.8	21.8	21.8
-80°	16.0	16.2	16.4	16.6	16.6	16.8	16.8	16.8	16.8	16.8	16.8
-82.5°	11.6	11.8	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.5	12.5
-85°	7.5	7.6	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-87.5°	3.8	3.7	3.6	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.6	2.4	2.2	2.4	2.6	2.5	2.5	2.4	2.3	2.5
85°	8.3	8.4	8.2	8.1	8.2	8.4	8.3	8.2	8.1	8.0	8.1
82.5°	15.9	15.8	15.7	15.6	15.7	15.8	15.9	15.8	15.8	15.7	15.8
80°	24.2	24.1	24.0	23.8	24.0	24.1	24.2	24.3	24.3	24.2	24.4
77.5°	33.9	33.7	34.0	34.2	34.0	33.7	33.9	34.0	33.9	33.9	34.7
75°	47.0	46.6	46.3	45.8	46.3	46.6	47.0	47.2	47.2	47.2	48.0
72.5°	62.2	61.9	61.6	61.1	61.6	61.9	62.2	62.3	62.1	62.3	63.5
70°	80.3	79.4	79.6	79.6	79.6	79.4	80.3	80.8	80.9	81.2	82.2
67.5°	103.1	102.3	102.4	102.3	102.4	102.3	103.1	103.4	103.3	103.6	104.4
65°	130.7	129.8	128.8	127.2	128.8	129.8	130.7	130.9	130.5	130.2	130.1
62.5°	160.3	159.6	160.0	160.4	160.0	159.6	160.3	160.4	159.8	159.7	159.2
60°	193.2	192.1	191.6	190.7	191.6	192.1	193.2	193.3	192.5	192.4	191.8
57.5°	233.8	233.6	233.2	231.9	233.2	233.6	233.8	232.9	230.9	230.5	228.7
55°	278.9	278.7	279.7	281.0	279.7	278.7	278.9	277.7	275.0	273.5	271.0
52.5°	327.8	328.6	328.3	326.6	328.3	328.6	327.8	325.4	322.2	319.8	315.3
50°	376.1	377.0	378.0	378.9	378.0	377.0	376.1	373.4	370.3	367.9	363.8
47.5°	430.9	433.3	433.7	432.0	433.7	433.3	430.9	426.4	423.1	419.3	411.5
45°	493.1	494.6	495.3	496.8	495.3	494.6	493.1	488.3	485.8	482.0	474.4
42.5°	571.6	573.3	573.5	575.2	573.5	573.3	571.6	565.3	563.2	555.8	545.0
40°	664.7	667.5	667.0	666.3	667.0	667.5	664.7	657.8	656.1	648.9	639.7
37.5°	773.8	778.5	778.9	781.8	778.9	778.5	773.8	766.5	761.4	747.6	741.5
35°	896.1	901.6	900.6	902.1	900.6	901.6	896.1	888.4	881.0	868.5	853.4
32.5°	1019.5	1027.8	1029.5	1036.5	1029.5	1027.8	1019.5	1008.5	996.6	980.2	959.9
30°	1116.5	1128.1	1135.7	1135.1	1135.7	1128.1	1116.5	1101.8	1092.1	1064.3	1042.3
27.5°	1156.7	1171.7	1185.8	1190.0	1185.8	1171.7	1156.7	1138.6	1132.9	1093.3	1079.4
25°	1117.5	1128.5	1140.9	1147.6	1140.9	1128.5	1117.5	1105.0	1085.4	1059.9	1040.0
22.5°	1037.0	1044.1	1048.3	1044.9	1048.3	1044.1	1037.0	1028.5	1010.2	990.4	968.5
20°	963.9	972.9	974.6	978.2	974.6	972.9	963.9	953.1	942.6	925.6	906.7
17.5°	909.5	915.4	918.9	919.7	918.9	915.4	909.5	899.3	889.7	874.5	857.9
15°	866.8	871.6	874.7	876.1	874.7	871.6	866.8	858.7	848.3	835.1	820.8
12.5°	836.6	842.4	845.3	847.0	845.3	842.4	836.6	829.7	819.1	808.7	793.7
10°	817.3	822.9	825.1	825.9	825.1	822.9	817.3	810.6	802.3	790.7	777.2
7.5°	803.3	806.9	808.5	809.6	808.5	806.9	803.3	798.1	789.3	777.3	763.9
5°	792.1	795.0	796.6	798.3	796.6	795.0	792.1	785.9	777.4	766.8	752.9
2.5°	776.9	781.0	783.8	785.5	783.8	781.0	776.9	771.2	764.1	753.8	739.4
0°	761.9	765.7	767.7	771.0	767.7	765.7	761.9	756.2	749.1	739.0	724.9
-2.5°	745.4	749.9	755.1	760.2	755.1	749.9	745.4	739.7	733.5	723.5	710.0
-5°	732.8	738.6	739.8	743.0	739.8	738.6	732.8	725.6	717.1	706.1	693.1
-7.5°	713.7	716.4	721.0	721.8	721.0	716.4	713.7	707.5	697.0	685.1	671.3
-10°	684.4	688.7	691.6	694.5	691.6	688.7	684.4	677.8	669.0	657.3	644.7
-12.5°	649.9	655.1	659.6	659.0	659.6	655.1	649.9	644.0	636.0	625.7	612.9
-15°	616.4	621.3	624.5	624.0	624.5	621.3	616.4	609.0	601.8	591.8	580.7
-17.5°	583.1	587.5	592.1	592.0	592.1	587.5	583.1	576.7	568.6	559.3	547.8
-20°	548.6	552.5	557.3	559.4	557.3	552.5	548.6	543.1	533.6	523.6	511.7



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	508.8	513.8	517.4	519.5	517.4	513.8	508.8	501.8	493.4	481.6	471.1
-25°	462.5	467.5	470.2	471.2	470.2	467.5	462.5	457.0	448.9	437.5	426.5
-27.5°	411.2	416.9	419.7	418.3	419.7	416.9	411.2	405.9	397.0	389.3	378.7
-30°	358.7	362.3	362.7	365.9	362.7	362.3	358.7	354.7	347.2	339.9	331.1
-32.5°	306.8	309.3	307.9	308.1	307.9	309.3	306.8	302.5	296.4	290.1	284.1
-35°	255.6	257.6	258.0	261.6	258.0	257.6	255.6	253.4	249.7	242.9	240.5
-37.5°	214.5	215.3	214.0	212.3	214.0	215.3	214.5	212.1	209.7	205.2	203.5
-40°	179.6	180.2	179.8	178.8	179.8	180.2	179.6	177.9	177.8	175.6	173.2
-42.5°	154.5	154.5	154.1	153.9	154.1	154.5	154.5	153.3	153.0	151.0	148.0
-45°	135.9	136.1	136.1	136.0	136.1	136.1	135.9	135.1	134.5	133.2	130.7
-47.5°	121.5	121.6	121.4	121.0	121.4	121.6	121.5	120.9	120.1	118.8	116.9
-50°	108.8	108.8	109.0	109.5	109.0	108.8	108.8	108.3	107.6	106.8	105.4
-52.5°	98.0	98.0	98.1	98.3	98.1	98.0	98.0	97.7	97.1	96.3	95.1
-55°	88.2	88.1	88.0	87.7	88.0	88.1	88.2	88.0	87.4	86.7	85.5
-57.5°	78.8	78.6	78.4	78.0	78.4	78.6	78.8	78.6	78.1	77.4	76.7
-60°	69.8	69.8	69.7	69.4	69.7	69.8	69.8	69.6	69.2	68.8	68.3
-62.5°	61.6	61.5	61.4	61.3	61.4	61.5	61.6	61.5	61.3	61.0	60.5
-65°	53.9	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.6	53.4	53.1
-67.5°	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.6	46.4	46.2	46.0
-70°	40.1	40.1	39.9	39.5	39.9	40.1	40.1	40.0	39.8	39.5	39.4
-72.5°	33.5	33.4	33.4	33.3	33.4	33.4	33.5	33.5	33.4	33.3	33.1
-75°	27.3	27.2	27.4	27.5	27.4	27.2	27.3	27.3	27.2	27.1	27.1
-77.5°	21.7	21.5	21.7	21.8	21.7	21.5	21.7	21.8	21.8	21.8	21.8
-80°	16.8	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8
-82.5°	12.4	12.4	12.3	12.3	12.3	12.4	12.4	12.5	12.5	12.5	12.5
-85°	7.9	7.9	8.0	8.1	8.0	7.9	7.9	7.9	7.9	7.9	7.9
-87.5°	3.7	3.7	3.6	3.5	3.6	3.7	3.7	3.6	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-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°	2.6	2.7	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.7	2.7
85°	8.1	8.1	8.1	8.3	8.4	8.4	8.4	8.3	8.0	7.8	7.4
82.5°	15.8	15.7	15.7	15.8	15.9	15.9	15.8	15.5	15.1	14.6	14.0
80°	24.5	24.5	24.4	24.7	24.9	24.9	24.7	24.1	23.4	22.6	21.9
77.5°	35.1	35.4	35.5	35.8	35.9	35.7	35.2	34.3	33.6	32.6	31.3
75°	48.5	48.8	49.1	49.4	49.4	49.1	48.5	47.5	46.1	44.4	42.2
72.5°	64.3	64.7	64.8	64.8	64.4	64.1	63.2	61.9	60.1	57.9	54.9
70°	82.9	83.1	83.0	82.5	81.8	81.0	79.6	77.6	75.1	72.5	68.8
67.5°	104.8	104.5	103.7	102.7	101.6	99.9	97.7	94.9	92.1	88.8	83.8
65°	129.6	128.7	127.7	126.3	124.2	121.5	118.1	114.5	110.8	106.2	99.9
62.5°	157.6	154.8	153.9	152.5	149.9	146.0	141.8	137.3	131.7	125.2	118.9
60°	190.2	187.8	185.5	182.3	178.4	173.6	168.4	162.3	155.4	148.1	139.7
57.5°	225.5	222.3	219.9	215.7	209.6	203.9	197.4	189.0	180.8	172.3	162.3
55°	267.7	263.3	258.1	252.3	245.8	238.5	229.4	219.7	209.6	198.0	187.3
52.5°	309.1	305.2	299.2	290.8	283.2	275.5	264.9	253.5	242.1	230.1	215.0
50°	357.9	352.0	343.9	334.1	326.2	315.7	303.9	290.0	278.1	264.4	247.8
47.5°	407.1	403.2	393.6	382.3	374.9	362.8	348.3	332.7	319.6	300.9	282.8
45°	469.3	462.2	451.5	441.7	430.2	416.7	398.2	383.3	365.8	345.4	319.1
42.5°	542.1	532.0	518.1	509.9	496.0	478.2	457.6	438.9	417.0	393.2	363.0
40°	630.4	613.7	599.6	586.4	570.6	547.1	524.3	499.4	473.2	443.8	404.6
37.5°	731.8	714.1	693.3	671.4	651.1	624.3	593.7	564.4	533.0	488.8	444.1
35°	837.5	817.2	791.5	765.0	733.4	695.9	664.3	629.7	586.8	529.5	480.6
32.5°	941.7	908.5	880.7	852.1	804.7	758.4	724.5	693.7	620.9	561.8	512.7
30°	1017.1	975.1	946.9	907.7	848.3	806.1	773.9	710.0	642.3	584.2	537.6
27.5°	1033.6	1002.5	973.9	915.1	864.0	826.6	776.2	711.1	649.5	594.9	549.8
25°	1001.9	973.5	938.7	889.8	847.2	808.8	755.8	696.9	641.6	593.4	542.8
22.5°	941.8	915.8	884.1	845.9	809.8	770.7	724.0	672.9	625.3	580.2	531.2
20°	884.3	860.9	831.6	801.3	770.2	733.1	688.8	647.0	608.3	564.6	517.3
17.5°	839.1	814.9	791.9	765.7	733.8	695.9	664.0	629.6	591.3	548.0	501.4
15°	801.5	783.2	761.2	733.7	704.4	677.4	647.1	611.9	573.8	529.9	486.6
12.5°	778.4	759.0	735.0	713.4	689.0	660.8	629.5	593.6	557.2	520.5	481.6
10°	760.0	741.6	721.8	699.1	673.3	644.1	614.8	583.6	549.7	513.7	475.2
7.5°	748.2	729.2	708.1	686.0	661.3	635.0	606.3	575.3	541.0	505.0	467.3
5°	736.8	717.9	697.6	676.3	651.1	624.8	596.4	565.3	530.9	494.6	457.9
2.5°	723.7	705.8	686.3	665.0	639.3	613.1	585.1	553.6	519.7	484.8	447.2
0°	709.0	692.5	671.4	650.0	625.9	600.2	572.2	540.0	506.9	473.9	434.8
-2.5°	695.0	677.4	658.0	636.7	613.6	587.1	559.2	528.1	494.2	460.9	422.6
-5°	677.9	660.8	641.3	619.1	595.8	569.6	541.9	511.8	478.5	445.6	409.0
-7.5°	655.8	639.5	621.0	598.9	575.1	549.0	521.0	490.9	458.5	425.9	390.4
-10°	629.4	612.0	593.3	572.6	550.3	525.6	498.0	468.0	436.8	404.3	370.1
-12.5°	598.4	581.8	563.1	543.0	520.9	496.8	471.2	442.5	413.4	380.8	348.3
-15°	565.4	550.8	532.4	511.3	488.8	465.9	441.6	414.3	387.3	355.5	325.0
-17.5°	533.8	517.8	499.5	480.0	457.5	433.5	409.9	384.9	358.8	329.8	301.9
-20°	498.3	482.1	465.1	446.4	425.0	401.8	377.8	353.9	329.5	304.2	278.9



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	458.2	444.0	428.0	410.3	389.3	367.6	345.6	323.0	299.9	278.1	255.4
-25°	415.3	402.4	386.7	370.0	351.4	331.7	312.5	292.5	272.6	252.1	232.0
-27.5°	368.9	357.0	343.4	328.7	312.2	296.3	279.3	262.0	245.9	227.9	210.3
-30°	321.4	312.0	300.3	286.5	275.1	261.8	246.4	234.1	220.1	204.7	190.4
-32.5°	275.5	268.0	258.4	249.2	239.7	229.1	218.5	207.1	195.0	184.0	172.2
-35°	234.2	228.0	222.7	215.9	207.0	199.9	191.7	182.4	173.1	164.3	154.8
-37.5°	200.2	194.7	190.8	185.7	179.4	172.8	167.5	161.1	153.5	146.4	138.8
-40°	171.1	166.4	163.6	160.6	156.3	150.2	146.8	142.0	136.7	129.9	123.8
-42.5°	147.7	145.6	142.3	140.4	137.0	132.9	128.6	125.8	121.6	116.3	111.3
-45°	129.9	128.5	125.7	123.8	121.3	118.0	113.6	111.5	108.4	104.7	99.9
-47.5°	115.6	114.6	112.5	109.9	108.1	105.2	102.1	99.2	97.4	94.2	90.3
-50°	103.8	102.8	100.9	98.4	96.7	94.5	92.1	89.1	87.4	84.7	81.5
-52.5°	93.5	92.3	90.7	88.6	86.9	85.4	83.2	80.5	78.2	76.4	74.0
-55°	83.9	82.9	81.8	80.3	78.4	76.9	74.9	72.6	70.7	69.1	67.1
-57.5°	75.8	74.8	73.6	72.2	70.5	69.1	67.6	65.8	63.8	62.4	60.4
-60°	67.6	66.5	65.7	64.6	63.3	62.0	60.7	59.2	57.4	55.9	54.2
-62.5°	59.9	59.0	58.3	57.4	56.4	55.2	54.1	52.8	51.3	49.8	48.4
-65°	52.6	52.0	51.4	50.7	49.8	48.8	47.8	46.8	45.6	44.2	42.9
-67.5°	45.6	45.1	44.6	44.0	43.4	42.7	42.0	41.1	40.0	38.9	37.8
-70°	39.0	38.5	38.1	37.8	37.4	36.9	36.3	35.6	34.8	33.9	32.9
-72.5°	32.8	32.4	32.1	32.0	31.7	31.3	30.8	30.3	29.8	29.1	28.2
-75°	27.0	26.8	26.6	26.5	26.3	26.0	25.6	25.2	24.8	24.2	23.4
-77.5°	21.8	21.6	21.5	21.3	21.1	20.8	20.5	20.2	19.9	19.4	18.8
-80°	16.8	16.8	16.6	16.6	16.4	16.2	16.0	15.7	15.3	14.9	14.5
-82.5°	12.4	12.3	12.2	12.1	12.0	11.8	11.6	11.4	11.2	10.9	10.6
-85°	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.0
-87.5°	3.5	3.5	3.4	3.5	3.6	3.7	3.8	3.7	3.6	3.6	3.5
-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: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-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°	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	1.9	1.7	1.5
85°	7.1	6.6	6.2	5.6	5.1	4.6	4.4	4.1	3.8	3.4	3.0
82.5°	13.2	12.6	11.9	11.2	10.4	9.5	8.6	7.6	6.4	5.2	4.5
80°	20.9	19.8	18.7	17.4	15.9	14.4	13.2	11.8	10.1	8.5	6.9
77.5°	29.6	27.8	25.9	24.2	22.4	20.5	18.5	16.2	13.8	11.6	9.6
75°	39.4	37.1	34.7	32.1	29.4	26.6	24.2	21.4	18.1	14.9	12.3
72.5°	51.5	47.9	44.2	40.5	37.2	33.9	30.4	26.6	22.7	18.9	15.2
70°	64.4	59.5	54.9	50.4	45.7	41.1	37.0	32.3	27.2	22.8	18.5
67.5°	78.2	72.8	67.0	60.6	54.9	49.4	43.8	38.1	32.4	26.6	21.8
65°	93.8	87.1	79.8	72.7	65.3	57.9	51.6	44.1	37.4	31.1	25.1
62.5°	111.0	102.2	94.3	85.4	76.7	68.0	59.1	50.7	42.6	35.5	28.6
60°	130.6	120.9	109.7	99.8	89.2	78.6	68.1	57.1	48.2	39.7	32.3
57.5°	152.0	140.6	128.7	115.6	103.2	90.6	77.0	64.4	53.6	44.3	35.9
55°	174.4	161.7	148.2	133.8	118.4	103.9	86.4	71.8	59.1	48.9	39.2
52.5°	199.6	184.3	168.7	152.5	135.6	116.8	96.8	78.9	65.2	53.2	42.7
50°	228.5	209.4	190.9	172.3	153.0	130.4	106.5	87.3	71.0	57.6	46.0
47.5°	261.5	238.3	215.5	193.0	171.7	143.1	117.3	95.3	76.4	62.3	49.1
45°	295.6	270.1	242.5	216.5	186.9	155.8	127.7	102.6	82.9	66.4	51.9
42.5°	330.0	302.3	272.6	240.2	202.5	167.9	137.3	110.9	88.9	70.2	54.9
40°	368.1	334.4	302.7	262.2	216.8	178.9	147.1	118.8	94.3	73.9	57.9
37.5°	404.4	367.2	332.4	279.1	229.8	190.2	156.1	125.7	99.2	78.0	60.7
35°	438.3	399.0	347.3	292.7	242.7	199.8	164.0	132.3	104.5	81.6	63.1
32.5°	469.3	419.3	358.8	303.4	252.9	207.6	171.2	138.2	109.0	84.7	65.3
30°	490.4	427.0	366.6	311.1	260.5	215.1	177.1	143.0	112.7	87.4	67.3
27.5°	491.5	430.5	370.8	315.9	265.8	220.7	181.6	146.9	115.7	89.8	69.3
25°	487.7	429.0	371.4	317.6	268.5	225.2	185.0	149.8	118.4	92.2	71.1
22.5°	478.6	423.5	368.7	316.4	271.5	228.3	187.8	152.2	120.6	94.0	72.4
20°	467.3	414.5	364.0	317.6	273.1	230.3	189.9	153.8	122.0	95.2	73.3
17.5°	453.3	407.4	363.2	317.4	273.1	230.9	190.9	154.6	122.7	95.8	74.0
15°	446.9	404.6	360.8	315.7	271.6	230.1	190.7	154.4	122.7	96.0	74.4
12.5°	441.7	400.2	356.9	312.6	268.6	228.0	189.5	153.5	121.9	95.9	74.7
10°	435.2	394.2	351.5	307.9	264.3	224.7	187.2	152.1	121.6	95.8	74.7
7.5°	427.2	386.6	344.7	301.9	259.1	221.0	184.8	150.6	120.8	95.2	74.4
5°	418.0	378.2	337.4	296.1	255.1	217.0	181.7	148.3	119.5	94.3	73.9
2.5°	408.1	369.6	329.2	289.1	250.1	212.1	177.7	145.3	117.7	92.9	73.1
0°	396.5	359.5	319.6	280.8	244.0	206.3	173.0	141.7	115.5	91.3	72.1
-2.5°	386.3	348.4	309.3	271.8	235.2	199.3	167.8	138.1	113.0	89.7	71.0
-5°	374.5	335.9	297.8	261.6	225.4	191.7	162.1	134.0	110.1	87.8	69.8
-7.5°	357.2	320.6	284.6	250.1	214.8	183.4	155.7	129.4	106.9	85.7	68.3
-10°	337.6	303.3	269.7	237.2	204.5	175.2	149.1	124.6	103.3	83.3	66.7
-12.5°	316.9	285.0	254.0	223.7	194.0	167.1	142.7	119.8	99.5	80.7	64.9
-15°	295.3	266.0	237.6	209.6	183.0	158.7	136.0	114.9	95.8	78.0	63.0
-17.5°	273.3	246.3	220.6	195.3	171.9	149.9	129.1	109.8	91.9	75.3	61.0
-20°	253.1	227.9	203.3	180.8	160.6	140.8	122.0	104.4	87.8	72.5	59.0



REPORT NUMBER: P558466 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	233.1	210.9	188.7	167.4	149.6	131.6	114.8	98.9	83.5	69.5	56.9
-25°	213.1	194.1	174.5	156.2	138.9	123.0	107.9	93.3	79.1	66.5	54.7
-27.5°	194.3	177.6	160.2	145.0	129.6	114.5	101.2	88.0	74.9	63.3	52.3
-30°	176.3	162.0	147.4	134.0	120.3	107.1	94.5	82.6	71.1	60.3	49.9
-32.5°	159.8	146.5	135.2	123.8	111.8	99.8	88.2	77.3	67.2	57.2	47.6
-35°	144.4	133.3	123.3	113.9	103.6	93.2	82.6	72.1	63.3	54.1	45.3
-37.5°	129.7	121.5	113.0	104.7	95.4	86.7	77.2	67.8	59.4	50.9	43.0
-40°	117.6	110.6	103.5	95.9	88.2	80.3	71.9	63.6	55.7	47.7	40.6
-42.5°	106.1	100.7	94.6	87.4	81.5	74.4	66.6	59.4	52.0	44.8	38.2
-45°	95.9	91.3	86.1	80.7	75.0	68.6	61.9	55.2	48.4	42.0	35.9
-47.5°	86.3	82.9	78.6	74.1	68.9	63.0	57.2	51.2	44.8	39.2	33.7
-50°	78.2	75.2	71.8	67.7	62.8	57.8	52.5	47.2	41.7	36.5	31.4
-52.5°	71.1	68.3	65.2	61.5	57.3	52.6	48.3	43.3	38.6	33.8	29.1
-55°	64.5	61.7	58.9	55.7	51.9	48.1	44.0	39.8	35.5	31.2	26.8
-57.5°	58.2	55.5	53.1	50.2	47.1	43.7	40.1	36.3	32.4	28.5	24.8
-60°	52.2	50.0	47.6	45.3	42.6	39.5	36.2	32.8	29.4	25.9	22.7
-62.5°	46.7	44.7	42.8	40.6	38.1	35.3	32.3	29.5	26.4	23.5	20.6
-65°	41.5	39.9	38.1	36.0	33.7	31.2	28.8	26.1	23.6	21.1	18.5
-67.5°	36.6	35.1	33.3	31.4	29.5	27.5	25.2	23.1	21.0	18.7	16.4
-70°	31.8	30.3	28.8	27.3	25.7	23.8	22.0	20.1	18.3	16.4	14.3
-72.5°	27.1	25.9	24.7	23.4	22.0	20.5	18.8	17.2	15.7	14.0	12.2
-75°	22.5	21.7	20.7	19.6	18.4	17.1	15.9	14.6	13.2	11.7	10.3
-77.5°	18.2	17.5	16.7	16.0	15.0	14.0	13.0	11.9	10.8	9.7	8.5
-80°	14.1	13.6	13.1	12.5	11.8	11.0	10.2	9.4	8.6	7.7	6.7
-82.5°	10.3	10.0	9.6	9.2	8.7	8.1	7.6	7.0	6.3	5.6	4.9
-85°	6.8	6.5	6.3	5.9	5.6	5.3	5.0	4.6	4.2	3.8	3.3
-87.5°	3.3	3.2	3.1	2.9	2.8	2.6	2.5	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



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**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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.6	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.3	2.7	2.1	1.4	0.7	0.0
80°	5.4	4.4	3.6	2.7	1.8	0.9	0.0
77.5°	7.7	5.8	4.5	3.4	2.3	1.1	0.0
75°	9.9	7.6	5.5	4.1	2.7	1.3	0.0
72.5°	12.1	9.4	6.8	4.7	3.2	1.6	0.0
70°	14.4	11.2	8.2	5.4	3.6	1.8	0.0
67.5°	17.1	12.9	9.5	6.4	4.0	2.0	0.0
65°	19.8	14.8	10.8	7.4	4.5	2.2	0.0
62.5°	22.4	16.8	12.1	8.3	4.9	2.4	0.0
60°	24.8	18.8	13.3	9.2	5.3	2.6	0.0
57.5°	27.6	20.8	14.8	10.1	5.8	2.8	0.0
55°	30.4	22.6	16.2	10.9	6.4	3.0	0.0
52.5°	33.0	24.4	17.6	11.7	6.9	3.2	0.0
50°	35.4	26.4	18.9	12.5	7.4	3.3	0.0
47.5°	37.7	28.2	20.1	13.3	7.9	3.5	0.0
45°	40.1	30.0	21.3	14.1	8.4	3.7	0.0
42.5°	42.4	31.6	22.4	15.0	8.9	3.8	0.0
40°	44.4	33.1	23.5	15.7	9.3	4.0	0.0
37.5°	46.2	34.4	24.6	16.5	9.7	4.1	0.0
35°	47.9	35.7	25.6	17.1	10.1	4.2	0.0
32.5°	49.4	37.0	26.5	17.8	10.4	4.3	0.0
30°	51.1	38.1	27.3	18.4	10.8	4.5	0.0
27.5°	52.6	39.1	28.1	18.9	11.1	4.6	0.0
25°	53.8	39.9	28.7	19.4	11.3	4.7	0.0
22.5°	54.8	40.6	29.3	19.8	11.6	4.7	0.0
20°	55.6	41.3	29.8	20.2	11.8	4.8	0.0
17.5°	56.3	41.8	30.2	20.5	12.0	4.9	0.0
15°	56.9	42.3	30.5	20.8	12.2	5.0	0.0
12.5°	57.2	42.6	30.7	21.1	12.3	5.0	0.0
10°	57.3	42.8	30.9	21.2	12.4	5.0	0.0
7.5°	57.3	42.9	30.9	21.3	12.5	5.1	0.0
5°	57.0	42.9	30.9	21.4	12.6	5.1	0.0
2.5°	56.6	42.8	30.8	21.4	12.6	5.1	0.0
0°	56.0	42.5	30.6	21.4	12.6	5.1	0.0
-2.5°	55.4	42.1	30.5	21.3	12.6	5.1	0.0
-5°	54.6	41.6	30.2	21.2	12.5	5.1	0.0
-7.5°	53.6	41.0	29.9	21.0	12.4	5.1	0.0
-10°	52.6	40.3	29.6	20.7	12.3	5.1	0.0
-12.5°	51.4	39.5	29.2	20.4	12.2	5.0	0.0
-15°	50.0	38.6	28.7	20.1	12.0	5.0	0.0
-17.5°	48.6	37.7	28.1	19.7	11.8	4.9	0.0
-20°	47.1	36.6	27.5	19.3	11.6	4.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45.6	35.6	26.8	18.9	11.4	4.8	0.0
-25°	44.0	34.5	26.1	18.4	11.1	4.7	0.0
-27.5°	42.3	33.4	25.3	17.8	10.9	4.6	0.0
-30°	40.6	32.2	24.4	17.3	10.6	4.5	0.0
-32.5°	38.8	30.9	23.6	16.7	10.2	4.4	0.0
-35°	37.1	29.6	22.6	16.0	9.9	4.3	0.0
-37.5°	35.4	28.3	21.7	15.4	9.5	4.2	0.0
-40°	33.7	27.0	20.6	14.7	9.2	4.1	0.0
-42.5°	31.8	25.7	19.6	14.0	8.8	3.9	0.0
-45°	30.0	24.3	18.7	13.2	8.4	3.8	0.0
-47.5°	28.1	22.9	17.6	12.5	7.9	3.6	0.0
-50°	26.3	21.5	16.6	11.8	7.5	3.4	0.0
-52.5°	24.6	20.0	15.5	11.1	7.0	3.2	0.0
-55°	22.8	18.6	14.4	10.4	6.6	3.1	0.0
-57.5°	21.0	17.1	13.2	9.7	6.1	2.9	0.0
-60°	19.2	15.7	12.0	8.9	5.6	2.7	0.0
-62.5°	17.4	14.2	11.0	8.2	5.2	2.5	0.0
-65°	15.7	12.7	10.0	7.4	4.8	2.3	0.0
-67.5°	13.8	11.3	9.0	6.6	4.3	2.1	0.0
-70°	12.0	10.0	7.9	5.8	3.9	1.8	0.0
-72.5°	10.4	8.7	6.9	5.1	3.4	1.6	0.0
-75°	8.8	7.4	5.8	4.4	2.9	1.4	0.0
-77.5°	7.3	6.0	4.8	3.7	2.5	1.2	0.0
-80°	5.7	4.8	3.9	2.9	2.0	0.9	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.8	2.4	1.9	1.5	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)