

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: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558490 (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-940-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

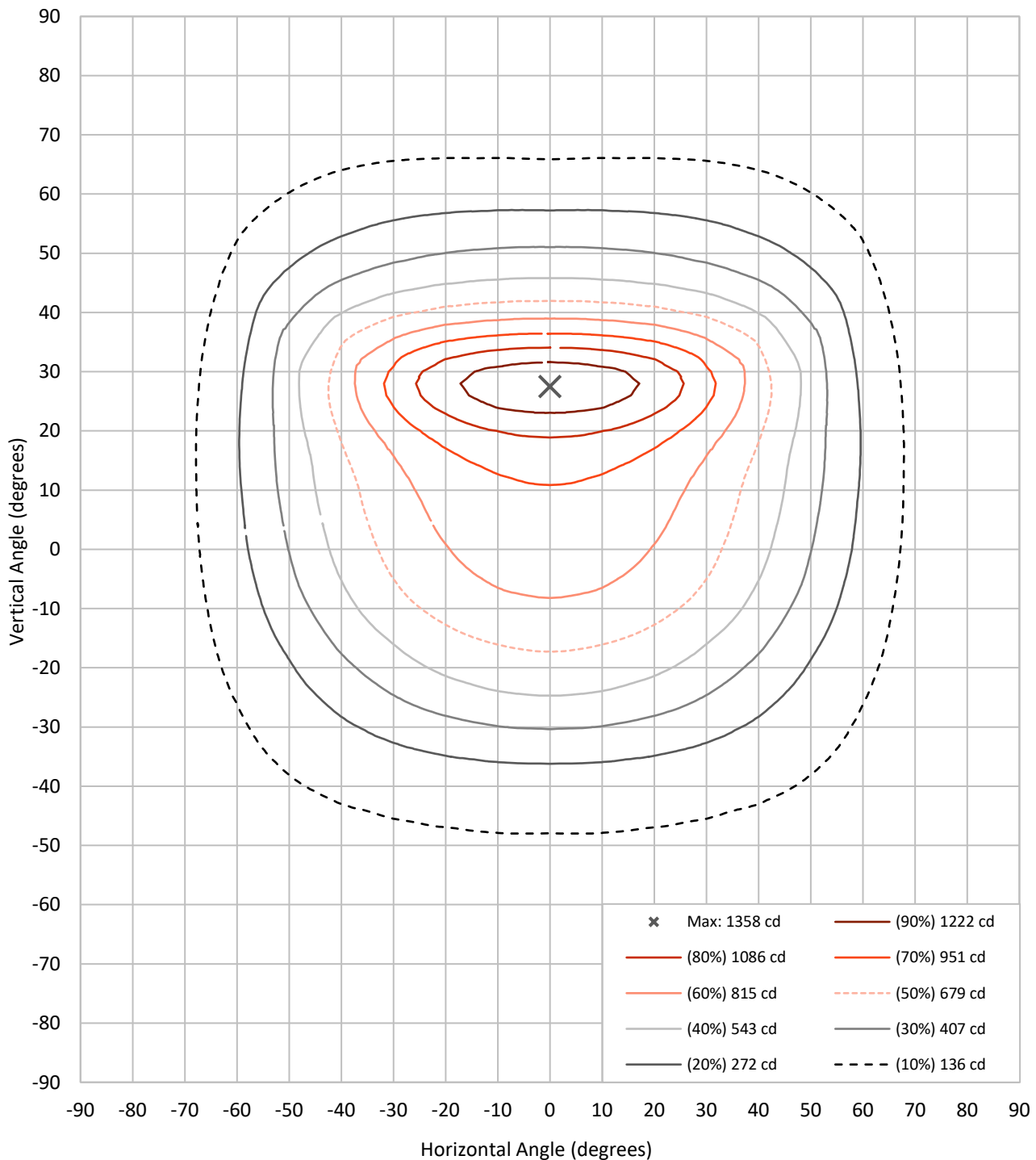
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	1979.7 lumens	Max Intensity:	1358 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	110.0 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:	1028.9 lumens	Field Lumens:	1831.4 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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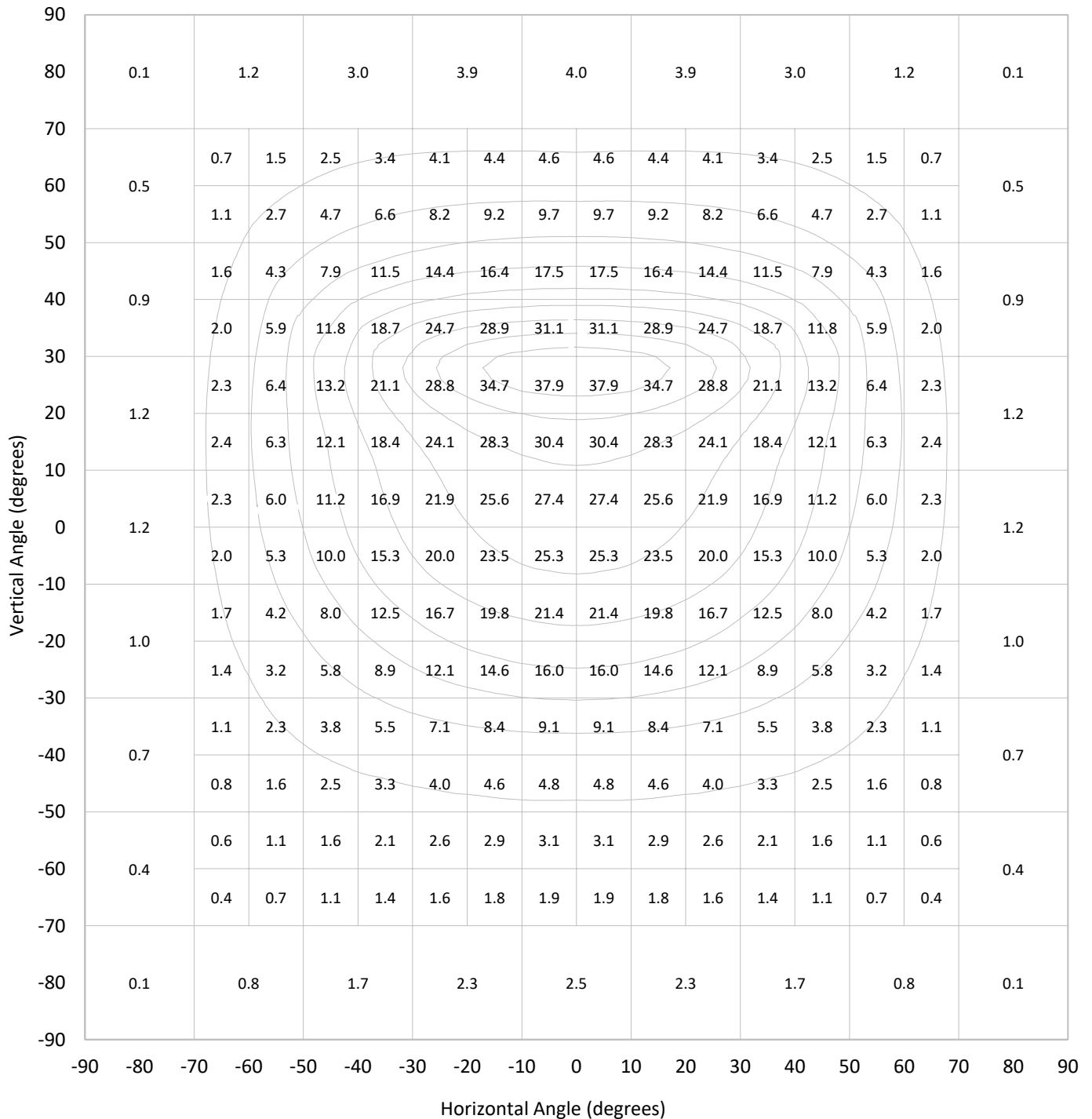
### Iso-Candela Plot





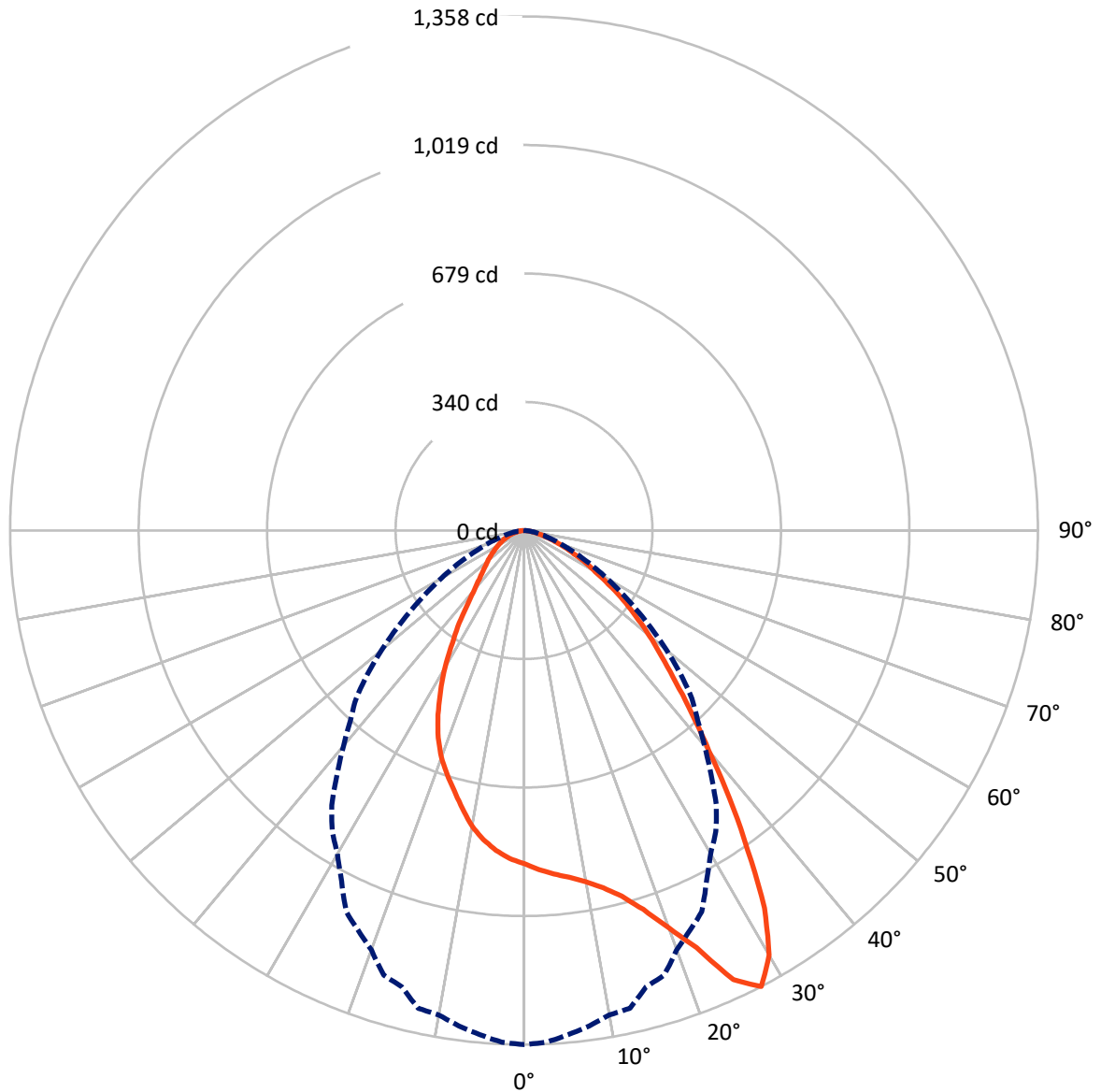
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### Lumen Table



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
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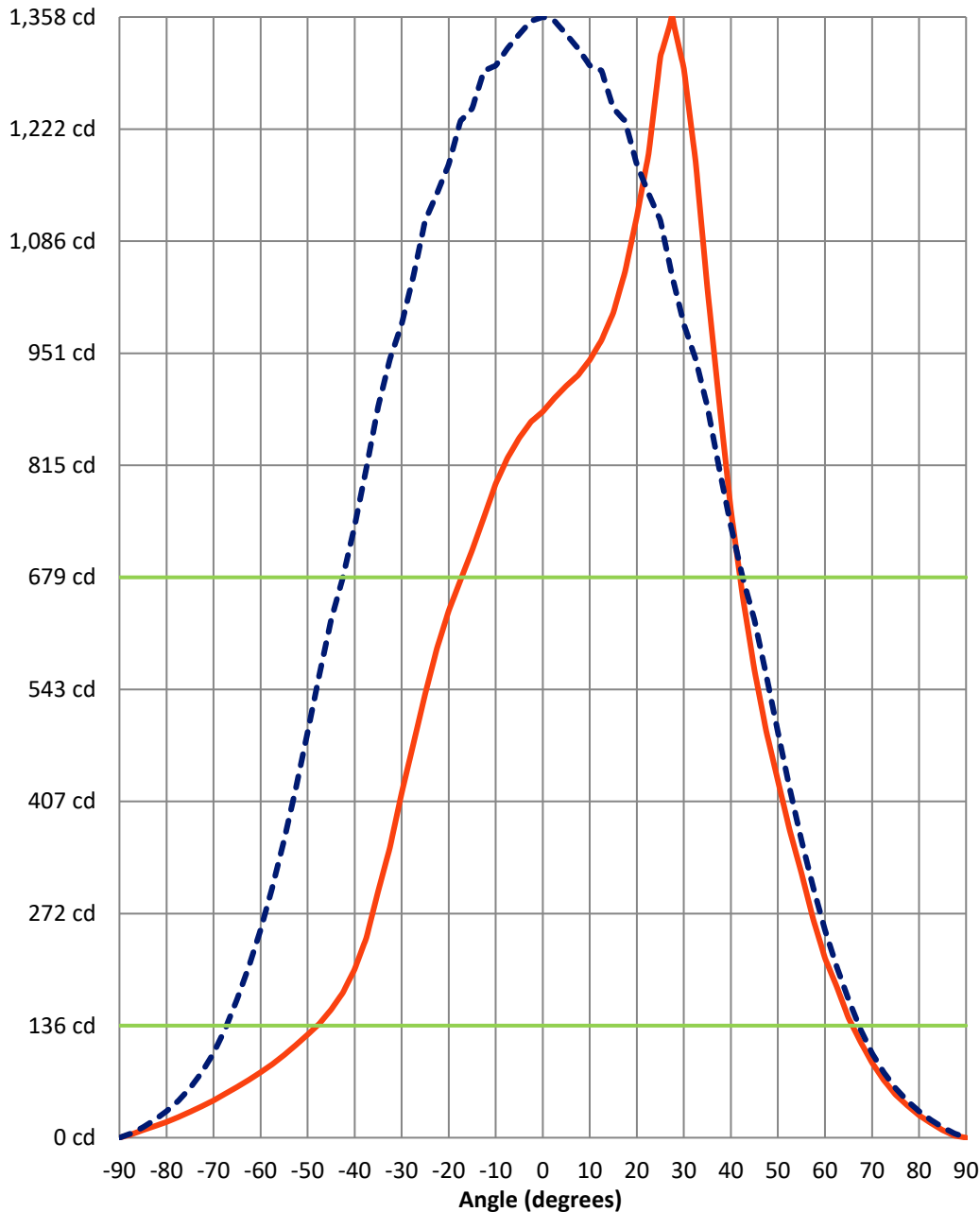
### Luminous Intensity Polar Plot



— 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: 1028.9  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 1831.4  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 148.3  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-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	0.3	0.5	0.8	1.0	1.3	1.5	1.7	1.9	2.2	2.4
85°	0.0	0.5	1.1	1.6	2.1	2.5	3.0	3.5	3.9	4.3	4.7
82.5°	0.0	0.8	1.6	2.4	3.1	3.8	4.5	5.2	6.0	7.3	8.6
80°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.8	9.6	11.5	13.4
77.5°	0.0	1.3	2.6	3.9	5.1	6.6	8.7	11.0	13.3	15.7	18.5
75°	0.0	1.5	3.1	4.7	6.2	8.7	11.3	14.0	17.0	20.7	24.5
72.5°	0.0	1.8	3.7	5.4	7.8	10.7	13.8	17.3	21.5	25.9	30.4
70°	0.0	2.0	4.2	6.3	9.4	12.7	16.4	21.2	26.0	31.1	36.9
67.5°	0.0	2.3	4.6	7.4	10.9	14.7	19.5	24.9	30.5	37.0	43.5
65°	0.0	2.5	5.1	8.4	12.4	16.9	22.6	28.6	35.5	42.7	50.3
62.5°	0.0	2.7	5.6	9.5	13.8	19.2	25.5	32.7	40.5	48.5	57.8
60°	0.0	3.0	6.1	10.5	15.2	21.5	28.4	36.9	45.3	55.0	65.1
57.5°	0.0	3.2	6.7	11.5	16.9	23.7	31.6	40.9	50.6	61.1	73.4
55°	0.0	3.4	7.3	12.4	18.5	25.8	34.7	44.7	55.8	67.4	81.9
52.5°	0.0	3.6	7.9	13.4	20.1	27.9	37.6	48.7	60.7	74.4	90.0
50°	0.0	3.8	8.5	14.2	21.6	30.1	40.4	52.5	65.8	81.0	99.6
47.5°	0.0	4.0	9.1	15.1	23.0	32.3	43.0	56.0	71.1	87.2	108.7
45°	0.0	4.2	9.6	16.1	24.3	34.2	45.8	59.3	75.8	94.6	117.1
42.5°	0.0	4.4	10.1	17.1	25.6	36.1	48.3	62.7	80.0	101.4	126.6
40°	0.0	4.5	10.6	17.9	26.8	37.7	50.7	66.1	84.4	107.6	135.5
37.5°	0.0	4.7	11.1	18.8	28.1	39.3	52.8	69.2	89.0	113.2	143.5
35°	0.0	4.8	11.5	19.6	29.2	40.8	54.6	72.0	93.1	119.2	151.0
32.5°	0.0	5.0	11.9	20.3	30.3	42.2	56.4	74.5	96.7	124.3	157.7
30°	0.0	5.1	12.3	21.0	31.2	43.5	58.4	76.8	99.7	128.6	163.2
27.5°	0.0	5.2	12.6	21.6	32.0	44.6	60.0	79.2	102.4	132.0	167.6
25°	0.0	5.3	12.9	22.1	32.8	45.5	61.4	81.1	105.2	135.1	170.9
22.5°	0.0	5.4	13.2	22.6	33.5	46.3	62.6	82.6	107.2	137.6	173.7
20°	0.0	5.5	13.5	23.1	34.0	47.1	63.5	83.7	108.6	139.3	175.5
17.5°	0.0	5.6	13.7	23.5	34.5	47.8	64.3	84.4	109.3	140.0	176.4
15°	0.0	5.6	13.9	23.8	34.8	48.3	64.9	84.8	109.5	140.0	176.3
12.5°	0.0	5.7	14.1	24.0	35.1	48.6	65.3	85.2	109.5	139.2	175.2
10°	0.0	5.7	14.2	24.2	35.2	48.9	65.5	85.2	109.3	138.7	173.6
7.5°	0.0	5.8	14.3	24.4	35.3	49.0	65.4	84.9	108.7	137.9	171.9
5°	0.0	5.8	14.4	24.4	35.2	49.0	65.1	84.3	107.6	136.4	169.2
2.5°	0.0	5.8	14.4	24.4	35.1	48.8	64.6	83.4	106.1	134.4	165.8
0°	0.0	5.8	14.4	24.4	34.9	48.5	63.9	82.3	104.2	131.8	161.7
-2.5°	0.0	5.8	14.4	24.3	34.7	48.0	63.2	81.1	102.4	129.0	157.6
-5°	0.0	5.8	14.3	24.1	34.5	47.4	62.3	79.6	100.2	125.7	152.9
-7.5°	0.0	5.8	14.2	23.9	34.1	46.7	61.2	78.0	97.7	122.0	147.7
-10°	0.0	5.8	14.1	23.6	33.7	45.9	60.0	76.1	95.0	117.9	142.2
-12.5°	0.0	5.7	13.9	23.3	33.3	45.0	58.6	74.0	92.0	113.6	136.7
-15°	0.0	5.7	13.7	22.9	32.7	44.0	57.1	71.8	88.9	109.3	131.1
-17.5°	0.0	5.6	13.5	22.5	32.1	42.9	55.4	69.6	85.9	104.8	125.3
-20°	0.0	5.6	13.3	22.0	31.4	41.8	53.7	67.3	82.7	100.1	119.2



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 CATALOG NUMBER: GFLD-SA1A-940-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	5.5	13.0	21.5	30.6	40.5	52.0	64.9	79.3	95.3	112.9
-25°	0.0	5.4	12.7	21.0	29.7	39.3	50.2	62.4	75.8	90.3	106.5
-27.5°	0.0	5.3	12.4	20.3	28.8	38.0	48.3	59.7	72.2	85.5	100.4
-30°	0.0	5.2	12.0	19.7	27.9	36.7	46.3	56.9	68.8	81.1	94.3
-32.5°	0.0	5.0	11.7	19.0	26.9	35.3	44.2	54.2	65.3	76.6	88.3
-35°	0.0	4.9	11.3	18.3	25.8	33.7	42.3	51.7	61.8	72.2	82.3
-37.5°	0.0	4.8	10.9	17.5	24.7	32.2	40.3	49.0	58.1	67.8	77.3
-40°	0.0	4.6	10.4	16.7	23.6	30.8	38.4	46.3	54.4	63.5	72.6
-42.5°	0.0	4.4	10.0	15.9	22.4	29.3	36.3	43.6	51.0	59.4	67.8
-45°	0.0	4.3	9.5	15.1	21.3	27.7	34.2	40.9	47.9	55.2	63.0
-47.5°	0.0	4.1	9.0	14.2	20.1	26.1	32.0	38.4	44.7	51.1	58.5
-50°	0.0	3.9	8.5	13.4	18.9	24.5	30.0	35.8	41.6	47.6	53.9
-52.5°	0.0	3.7	8.0	12.6	17.7	22.8	28.1	33.2	38.6	44.0	49.4
-55°	0.0	3.5	7.5	11.8	16.4	21.2	26.0	30.6	35.6	40.4	45.4
-57.5°	0.0	3.3	7.0	11.0	15.1	19.6	24.0	28.3	32.5	37.0	41.4
-60°	0.0	3.1	6.4	10.2	13.7	17.9	21.9	25.9	29.5	33.6	37.4
-62.5°	0.0	2.8	5.9	9.3	12.6	16.2	19.9	23.5	26.8	30.1	33.6
-65°	0.0	2.6	5.4	8.4	11.4	14.5	17.9	21.1	24.1	27.0	29.8
-67.5°	0.0	2.3	4.9	7.5	10.3	12.9	15.8	18.7	21.3	23.9	26.3
-70°	0.0	2.1	4.4	6.6	9.1	11.4	13.7	16.3	18.7	20.8	23.0
-72.5°	0.0	1.8	3.9	5.8	7.9	9.9	11.9	13.9	16.0	17.9	19.7
-75°	0.0	1.6	3.3	5.0	6.6	8.4	10.1	11.8	13.3	15.0	16.6
-77.5°	0.0	1.3	2.8	4.2	5.5	6.9	8.3	9.7	11.0	12.3	13.5
-80°	0.0	1.1	2.3	3.4	4.4	5.5	6.5	7.7	8.8	9.8	10.7
-82.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.7	6.5	7.3	8.0
-85°	0.0	0.5	1.1	1.7	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-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: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3
85°	5.0	5.2	5.8	6.4	7.1	7.6	8.1	8.5	8.9	9.2	9.4
82.5°	9.8	10.8	11.8	12.8	13.6	14.4	15.1	16.0	16.6	17.2	17.6
80°	15.0	16.5	18.2	19.9	21.3	22.7	23.9	25.0	25.9	26.7	27.5
77.5°	21.1	23.5	25.6	27.6	29.6	31.8	33.8	35.7	37.2	38.3	39.1
75°	27.7	30.5	33.6	36.7	39.6	42.3	44.9	48.1	50.7	52.6	54.2
72.5°	34.7	38.7	42.5	46.2	50.5	54.7	58.7	62.6	66.0	68.6	70.6
70°	42.3	46.9	52.1	57.5	62.6	67.9	73.5	78.6	82.8	85.8	88.6
67.5°	50.0	56.4	62.7	69.1	76.4	83.1	89.2	95.7	101.3	105.1	108.3
65°	58.9	66.0	74.4	83.0	91.1	99.4	107.1	114.1	121.2	126.4	130.7
62.5°	67.4	77.6	87.5	97.5	107.6	116.6	126.7	135.7	142.9	150.4	156.7
60°	77.7	89.7	101.9	113.9	125.2	137.9	149.0	159.4	169.0	177.3	185.2
57.5°	87.9	103.4	117.7	131.9	146.9	160.5	173.5	185.2	196.6	206.2	215.6
55°	98.6	118.6	135.1	152.7	169.1	184.5	199.1	213.7	225.9	239.2	250.7
52.5°	110.5	133.3	154.7	174.0	192.6	210.3	227.7	245.4	262.5	276.2	289.3
50°	121.6	148.8	174.6	196.6	217.9	239.0	260.8	282.8	301.7	317.4	330.9
47.5°	133.8	163.2	195.9	220.3	245.9	272.0	298.4	322.7	343.4	364.7	379.7
45°	145.8	177.8	213.3	247.1	276.7	308.3	337.4	364.3	394.2	417.5	437.5
42.5°	156.7	191.6	231.1	274.2	311.1	345.0	376.6	414.3	448.7	475.9	500.9
40°	167.9	204.2	247.4	299.3	345.5	381.6	420.0	461.7	506.5	540.0	569.9
37.5°	178.1	217.1	262.2	318.5	379.3	419.0	461.5	506.7	557.8	608.2	644.1
35°	187.2	228.0	276.9	334.0	396.3	455.3	500.2	548.4	604.3	669.7	718.6
32.5°	195.4	236.9	288.6	346.2	409.4	478.5	535.5	585.0	641.1	708.6	791.6
30°	202.1	245.5	297.3	355.0	418.4	487.2	559.6	613.5	666.7	732.9	810.2
27.5°	207.2	251.8	303.3	360.4	423.2	491.3	560.9	627.4	678.8	741.2	811.5
25°	211.1	257.0	306.4	362.5	423.9	489.5	556.5	619.4	677.2	732.1	795.2
22.5°	214.3	260.5	309.9	361.1	420.7	483.2	546.2	606.2	662.1	713.6	767.8
20°	216.8	262.8	311.7	362.5	415.3	473.0	533.2	590.3	644.3	694.1	738.3
17.5°	217.9	263.5	311.7	362.2	414.4	464.8	517.3	572.2	625.3	674.8	718.4
15°	217.7	262.6	310.0	360.3	411.7	461.6	510.0	555.2	604.7	654.8	698.2
12.5°	216.2	260.2	306.6	356.7	407.3	456.6	504.1	549.5	593.9	635.8	677.4
10°	213.6	256.4	301.6	351.4	401.2	449.8	496.6	542.3	586.2	627.3	666.0
7.5°	210.9	252.2	295.7	344.6	393.4	441.2	487.6	533.3	576.3	617.4	656.5
5°	207.3	247.7	291.1	337.9	385.0	431.6	477.1	522.5	564.5	605.8	645.1
2.5°	202.8	242.0	285.4	329.9	375.6	421.8	465.7	510.3	553.3	593.1	631.7
0°	197.4	235.4	278.4	320.4	364.7	410.3	452.5	496.1	540.8	578.4	616.2
-2.5°	191.5	227.5	268.3	310.1	352.9	397.6	440.9	482.2	525.9	564.0	602.6
-5°	184.9	218.7	257.2	298.5	339.8	383.3	427.4	466.7	508.5	546.1	584.0
-7.5°	177.7	209.2	245.2	285.5	324.8	365.9	407.6	445.4	486.0	523.2	560.2
-10°	170.1	199.9	233.4	270.8	307.8	346.1	385.3	422.3	461.4	498.4	534.0
-12.5°	162.8	190.7	221.4	255.3	289.8	325.2	361.7	397.5	434.5	471.7	504.9
-15°	155.2	181.0	208.9	239.3	271.1	303.5	337.0	370.8	405.6	442.0	472.7
-17.5°	147.3	171.0	196.1	222.9	251.7	281.0	311.8	344.5	376.3	409.5	439.2
-20°	139.2	160.7	183.3	206.4	232.0	260.1	288.9	318.2	347.1	376.0	403.9



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	131.0	150.1	170.7	191.0	215.4	240.7	266.0	291.4	317.4	342.2	368.6
-25°	123.1	140.3	158.5	178.2	199.1	221.5	243.2	264.7	287.7	311.0	333.7
-27.5°	115.5	130.6	147.8	165.4	182.8	202.8	221.8	240.0	260.0	280.6	299.0
-30°	107.8	122.2	137.3	152.9	168.2	184.8	201.3	217.3	233.6	251.2	267.1
-32.5°	100.7	113.9	127.6	141.3	154.3	167.1	182.3	196.6	209.9	222.4	236.4
-35°	94.3	106.3	118.2	130.0	140.7	152.0	164.7	176.7	187.4	197.5	208.1
-37.5°	88.1	98.9	108.9	119.4	129.0	138.7	148.0	158.4	167.1	175.1	183.8
-40°	82.0	91.6	100.6	109.4	118.1	126.3	134.2	141.3	148.3	156.0	162.0
-42.5°	75.9	84.9	92.9	99.8	107.9	114.9	121.2	127.0	132.7	138.7	143.5
-45°	70.6	78.2	85.6	92.1	98.2	104.2	109.5	114.1	119.5	123.6	127.3
-47.5°	65.2	71.8	78.5	84.5	89.7	94.5	98.5	103.1	107.5	111.1	113.2
-50°	60.0	66.0	71.7	77.2	81.9	85.8	89.2	93.0	96.7	99.7	101.7
-52.5°	55.1	60.1	65.4	70.1	74.4	77.9	81.1	84.4	87.1	89.2	91.9
-55°	50.2	54.9	59.3	63.6	67.3	70.4	73.6	76.5	78.8	80.6	82.8
-57.5°	45.7	49.9	53.8	57.3	60.7	63.4	66.5	68.9	71.1	72.8	75.1
-60°	41.3	45.1	48.6	51.7	54.4	57.1	59.6	61.9	63.8	65.5	67.5
-62.5°	37.0	40.3	43.5	46.4	48.8	51.0	53.3	55.3	56.8	58.6	60.3
-65°	32.9	35.7	38.5	41.1	43.4	45.5	47.4	48.9	50.4	52.0	53.3
-67.5°	28.8	31.4	33.7	35.8	38.0	40.0	41.8	43.2	44.4	45.7	46.8
-70°	25.1	27.2	29.3	31.2	32.8	34.6	36.2	37.6	38.7	39.7	40.6
-72.5°	21.5	23.4	25.1	26.7	28.2	29.6	30.9	32.2	33.2	34.0	34.6
-75°	18.1	19.5	21.0	22.4	23.6	24.7	25.7	26.8	27.6	28.3	28.8
-77.5°	14.8	16.0	17.2	18.2	19.1	19.9	20.7	21.5	22.1	22.7	23.0
-80°	11.6	12.5	13.4	14.3	15.0	15.6	16.0	16.5	16.9	17.4	17.9
-82.5°	8.6	9.3	9.9	10.5	11.0	11.4	11.7	12.1	12.4	12.7	13.0
-85°	5.7	6.0	6.4	6.8	7.1	7.4	7.7	8.0	8.1	8.3	8.4
-87.5°	2.9	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1	4.1	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	3.3	3.3	3.3	3.3	3.3	3.1	3.0	2.8	2.6	2.7	2.8
85°	9.6	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.1	9.3	9.4
82.5°	18.0	18.1	18.2	18.1	17.9	18.0	18.0	18.0	17.9	18.0	18.1
80°	28.1	28.4	28.4	28.3	27.9	27.9	28.0	27.9	27.7	27.7	27.7
77.5°	40.1	40.7	41.0	40.9	40.5	40.4	40.1	39.5	38.7	38.7	38.7
75°	55.4	56.0	56.3	56.3	55.9	55.7	55.3	54.7	53.8	53.8	53.8
72.5°	72.2	73.2	73.6	74.0	73.9	73.8	73.3	72.4	71.0	70.9	71.0
70°	90.8	92.4	93.4	94.1	94.7	94.9	94.6	93.8	92.6	92.3	92.2
67.5°	111.5	114.0	115.9	117.2	118.4	119.2	119.5	119.2	118.2	117.9	118.0
65°	134.7	138.6	141.8	144.2	145.7	146.9	147.8	148.4	148.6	148.9	149.4
62.5°	161.9	166.6	171.0	174.0	175.5	176.6	179.8	181.7	182.2	182.3	183.0
60°	192.1	198.1	203.6	208.1	211.7	214.4	217.1	218.9	219.5	219.7	220.7
57.5°	225.2	232.8	239.3	246.1	250.9	253.7	257.3	261.0	263.0	263.5	265.8
55°	261.8	272.1	280.5	287.9	294.5	300.4	305.4	309.3	312.1	313.8	316.9
52.5°	302.3	314.4	323.2	331.8	341.4	348.2	352.6	359.7	364.9	367.7	371.4
50°	346.8	360.2	372.2	381.3	392.4	401.7	408.5	415.2	419.9	422.6	426.1
47.5°	397.4	414.0	427.9	436.2	449.2	460.1	464.5	469.6	478.5	482.7	486.5
45°	454.4	475.5	491.0	504.1	515.2	527.5	535.5	541.2	550.0	554.4	557.1
42.5°	522.2	545.7	566.0	581.8	591.2	607.0	618.6	621.8	634.2	642.6	645.1
40°	598.3	624.3	651.1	669.1	684.2	700.3	719.4	730.0	740.5	748.7	750.6
37.5°	677.5	712.4	743.0	766.2	791.1	814.9	835.1	846.1	853.0	868.8	874.7
35°	758.1	794.1	836.9	873.0	903.2	932.5	955.6	973.8	991.1	1005.3	1013.8
32.5°	826.7	865.4	918.3	972.3	1005.0	1036.7	1074.6	1095.4	1118.5	1137.2	1150.9
30°	883.1	919.9	968.1	1035.8	1080.5	1112.7	1160.7	1189.4	1214.5	1246.3	1257.3
27.5°	885.7	943.3	985.9	1044.2	1111.3	1144.0	1179.5	1231.7	1247.6	1292.7	1299.3
25°	862.5	922.9	966.7	1015.4	1071.2	1110.9	1143.3	1186.8	1209.5	1238.6	1260.9
22.5°	826.1	879.4	924.0	965.4	1008.9	1045.1	1074.7	1105.2	1130.2	1152.7	1173.6
20°	786.0	836.5	878.9	914.4	948.9	982.4	1009.1	1034.7	1056.3	1075.7	1087.6
17.5°	757.7	794.0	837.3	873.7	903.6	929.9	957.5	979.0	997.9	1015.3	1026.2
15°	738.4	773.0	803.7	837.1	868.7	893.8	914.5	936.7	953.0	968.0	979.8
12.5°	718.4	754.0	786.2	814.0	838.7	866.1	888.3	905.7	922.9	934.6	946.8
10°	701.6	734.9	768.3	797.7	823.7	846.3	867.3	886.8	902.2	915.4	925.0
7.5°	691.9	724.6	754.6	782.8	808.1	832.2	853.8	871.8	887.1	900.7	910.7
5°	680.6	713.0	743.0	771.8	796.1	819.2	840.8	859.2	875.0	887.2	896.8
2.5°	667.7	699.6	729.5	758.8	783.1	805.4	825.9	843.8	860.3	871.9	880.0
0°	653.0	684.9	714.2	741.8	766.2	790.2	809.0	827.2	843.3	854.8	862.9
-2.5°	638.2	669.9	700.2	726.6	750.8	773.1	793.1	810.2	825.6	837.0	844.1
-5°	618.4	650.0	679.9	706.5	731.8	754.1	773.5	791.0	805.8	818.2	828.0
-7.5°	594.5	626.4	656.3	683.5	708.7	729.7	748.4	766.0	781.8	795.4	807.4
-10°	568.2	599.8	628.0	653.5	677.0	698.3	718.2	735.6	750.0	763.4	773.5
-12.5°	537.6	566.9	594.5	619.5	642.5	663.9	682.8	699.4	714.0	725.8	734.9
-15°	503.9	531.6	557.8	583.4	607.5	628.6	645.2	662.6	675.3	686.7	694.9
-17.5°	467.7	494.6	522.1	547.8	570.0	590.8	609.1	625.0	638.3	648.8	658.0
-20°	431.1	458.5	484.9	509.5	530.8	550.1	568.6	583.9	597.5	609.0	619.8



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	394.4	419.5	444.3	468.3	488.4	506.7	522.9	537.5	549.5	563.0	572.6
-25°	356.6	378.6	401.0	422.2	441.2	459.2	473.9	486.8	499.2	512.3	521.6
-27.5°	318.7	338.1	356.3	375.0	391.8	407.3	420.9	432.2	444.3	453.0	463.2
-30°	281.1	298.8	314.0	327.0	342.7	356.0	366.7	377.8	387.8	396.1	404.7
-32.5°	249.4	261.4	273.6	284.5	294.9	305.9	314.4	324.2	331.1	338.2	345.1
-35°	218.8	228.1	236.2	246.4	254.2	260.2	267.3	274.5	277.2	285.0	289.1
-37.5°	191.2	197.3	204.8	211.9	217.7	222.2	228.5	232.3	234.2	239.2	241.9
-40°	167.5	171.3	178.3	183.2	186.7	190.0	195.2	197.7	200.4	202.8	202.9
-42.5°	146.7	151.6	156.4	160.2	162.4	166.1	168.6	168.8	172.3	174.5	174.9
-45°	129.6	134.7	138.4	141.2	143.4	146.6	148.2	149.1	151.9	153.5	154.1
-47.5°	116.5	120.1	123.3	125.5	128.4	130.7	131.9	133.4	135.6	137.0	137.9
-50°	105.0	107.8	110.3	112.3	115.2	117.3	118.4	120.2	121.9	122.8	123.6
-52.5°	94.9	97.4	99.1	101.1	103.5	105.3	106.8	108.6	109.9	110.8	111.5
-55°	85.4	87.8	89.4	91.6	93.3	94.6	95.8	97.6	98.9	99.8	100.3
-57.5°	77.1	78.9	80.5	82.4	84.0	85.4	86.5	87.5	88.4	89.1	89.7
-60°	69.3	70.7	72.2	73.7	74.9	75.9	77.1	78.0	78.5	78.9	79.4
-62.5°	61.7	63.0	64.4	65.6	66.5	67.3	68.3	69.0	69.6	69.9	70.2
-65°	54.6	55.7	56.8	57.8	58.7	59.4	60.1	60.6	60.9	61.2	61.5
-67.5°	47.9	48.8	49.6	50.2	50.9	51.5	52.1	52.5	52.7	52.9	53.2
-70°	41.5	42.1	42.7	43.1	43.5	44.0	44.5	44.9	45.1	45.4	45.6
-72.5°	35.2	35.7	36.1	36.5	36.7	37.0	37.4	37.7	38.0	38.1	38.2
-75°	29.2	29.6	30.0	30.3	30.4	30.6	30.8	30.9	31.0	31.0	31.1
-77.5°	23.4	23.8	24.1	24.4	24.5	24.7	24.8	24.9	24.9	24.9	24.8
-80°	18.2	18.5	18.7	18.9	19.0	19.1	19.2	19.2	19.1	19.2	19.2
-82.5°	13.2	13.5	13.7	13.8	14.0	14.1	14.2	14.2	14.3	14.3	14.3
-85°	8.5	8.6	8.8	8.9	9.0	9.0	9.1	9.1	9.0	9.1	9.0
-87.5°	4.3	4.2	4.2	4.1	4.0	4.0	4.0	4.1	4.1	4.1	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: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	2.8	2.9	2.7	2.5	2.7	2.9	2.8	2.8	2.7	2.6	2.8
85°	9.5	9.5	9.4	9.2	9.4	9.5	9.5	9.4	9.3	9.1	9.2
82.5°	18.1	18.1	18.0	17.8	18.0	18.1	18.1	18.1	18.0	17.9	18.0
80°	27.6	27.5	27.4	27.2	27.4	27.5	27.6	27.7	27.7	27.7	27.9
77.5°	38.6	38.4	38.8	39.1	38.8	38.4	38.6	38.7	38.7	38.7	39.5
75°	53.6	53.2	52.8	52.2	52.8	53.2	53.6	53.8	53.8	53.8	54.7
72.5°	70.9	70.6	70.3	69.8	70.3	70.6	70.9	71.0	70.9	71.0	72.4
70°	91.6	90.7	90.8	90.9	90.8	90.7	91.6	92.2	92.3	92.6	93.8
67.5°	117.6	116.8	116.9	116.8	116.9	116.8	117.6	118.0	117.9	118.2	119.2
65°	149.1	148.1	146.9	145.2	146.9	148.1	149.1	149.4	148.9	148.6	148.4
62.5°	183.0	182.1	182.6	183.0	182.6	182.1	183.0	183.0	182.3	182.2	181.7
60°	220.5	219.3	218.7	217.7	218.7	219.3	220.5	220.7	219.7	219.5	218.9
57.5°	266.9	266.6	266.1	264.7	266.1	266.6	266.9	265.8	263.5	263.0	261.0
55°	318.3	318.0	319.2	320.6	319.2	318.0	318.3	316.9	313.8	312.1	309.3
52.5°	374.1	375.0	374.7	372.7	374.7	375.0	374.1	371.4	367.7	364.9	359.7
50°	429.2	430.2	431.4	432.4	431.4	430.2	429.2	426.1	422.6	419.9	415.2
47.5°	491.7	494.5	495.0	493.0	495.0	494.5	491.7	486.5	482.7	478.5	469.6
45°	562.7	564.4	565.2	566.9	565.2	564.4	562.7	557.1	554.4	550.0	541.2
42.5°	652.2	654.1	654.5	656.3	654.5	654.1	652.2	645.1	642.6	634.2	621.8
40°	758.5	761.6	761.1	760.4	761.1	761.6	758.5	750.6	748.7	740.5	730.0
37.5°	883.0	888.3	888.9	892.2	888.9	888.3	883.0	874.7	868.8	853.0	846.1
35°	1022.6	1028.9	1027.8	1029.4	1027.8	1028.9	1022.6	1013.8	1005.3	991.1	973.8
32.5°	1163.4	1172.9	1174.8	1182.7	1174.8	1172.9	1163.4	1150.9	1137.2	1118.5	1095.4
30°	1274.1	1287.3	1295.9	1295.3	1295.9	1287.3	1274.1	1257.3	1246.3	1214.5	1189.4
27.5°	1319.9	1337.1	1353.1	1358.0	1353.1	1337.1	1319.9	1299.3	1292.7	1247.6	1231.7
25°	1275.2	1287.7	1301.9	1309.5	1301.9	1287.7	1275.2	1260.9	1238.6	1209.5	1186.8
22.5°	1183.3	1191.4	1196.3	1192.3	1196.3	1191.4	1183.3	1173.6	1152.7	1130.2	1105.2
20°	1099.9	1110.2	1112.1	1116.3	1112.1	1110.2	1099.9	1087.6	1075.7	1056.3	1034.7
17.5°	1037.9	1044.6	1048.6	1049.5	1048.6	1044.6	1037.9	1026.2	1015.3	997.9	979.0
15°	989.2	994.6	998.1	999.7	998.1	994.6	989.2	979.8	968.0	953.0	936.7
12.5°	954.7	961.3	964.6	966.5	964.6	961.3	954.7	946.8	934.6	922.9	905.7
10°	932.6	939.0	941.5	942.5	941.5	939.0	932.6	925.0	915.4	902.2	886.8
7.5°	916.7	920.8	922.6	923.9	922.6	920.8	916.7	910.7	900.7	887.1	871.8
5°	903.9	907.2	909.0	911.0	909.0	907.2	903.9	896.8	887.2	875.0	859.2
2.5°	886.5	891.1	894.4	896.3	894.4	891.1	886.5	880.0	871.9	860.3	843.8
0°	869.4	873.8	876.1	879.8	876.1	873.8	869.4	862.9	854.8	843.3	827.2
-2.5°	850.6	855.6	861.7	867.5	861.7	855.6	850.6	844.1	837.0	825.6	810.2
-5°	836.2	842.9	844.1	847.9	844.1	842.9	836.2	828.0	818.2	805.8	791.0
-7.5°	814.4	817.5	822.7	823.6	822.7	817.5	814.4	807.4	795.4	781.8	766.0
-10°	781.0	786.0	789.2	792.5	789.2	786.0	781.0	773.5	763.4	750.0	735.6
-12.5°	741.7	747.5	752.7	752.0	752.7	747.5	741.7	734.9	725.8	714.0	699.4
-15°	703.3	709.0	712.6	712.1	712.6	709.0	703.3	694.9	686.7	675.3	662.6
-17.5°	665.3	670.5	675.6	675.5	675.6	670.5	665.3	658.0	648.8	638.3	625.0
-20°	626.1	630.5	636.1	638.4	636.1	630.5	626.1	619.8	609.0	597.5	583.9



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	580.7	586.3	590.3	592.8	590.3	586.3	580.7	572.6	563.0	549.5	537.5
-25°	527.7	533.5	536.6	537.7	536.6	533.5	527.7	521.6	512.3	499.2	486.8
-27.5°	469.2	475.7	478.9	477.3	478.9	475.7	469.2	463.2	453.0	444.3	432.2
-30°	409.3	413.4	413.9	417.6	413.9	413.4	409.3	404.7	396.1	387.8	377.8
-32.5°	350.1	352.9	351.3	351.6	351.3	352.9	350.1	345.1	338.2	331.1	324.2
-35°	291.7	294.0	294.4	298.5	294.4	294.0	291.7	289.1	285.0	277.2	274.5
-37.5°	244.7	245.7	244.3	242.3	244.3	245.7	244.7	241.9	239.2	234.2	232.3
-40°	204.9	205.6	205.1	204.1	205.1	205.6	204.9	202.9	202.8	200.4	197.7
-42.5°	176.2	176.3	175.8	175.7	175.8	176.3	176.2	174.9	174.5	172.3	168.8
-45°	155.1	155.3	155.3	155.2	155.3	155.3	155.1	154.1	153.5	151.9	149.1
-47.5°	138.7	138.7	138.5	138.1	138.5	138.7	138.7	137.9	137.0	135.6	133.4
-50°	124.1	124.1	124.4	124.9	124.4	124.1	124.1	123.6	122.8	121.9	120.2
-52.5°	111.9	111.8	112.0	112.2	112.0	111.8	111.9	111.5	110.8	109.9	108.6
-55°	100.6	100.6	100.4	100.1	100.4	100.6	100.6	100.3	99.8	98.9	97.6
-57.5°	89.9	89.7	89.5	89.0	89.5	89.7	89.9	89.7	89.1	88.4	87.5
-60°	79.6	79.7	79.5	79.2	79.5	79.7	79.6	79.4	78.9	78.5	78.0
-62.5°	70.3	70.1	70.1	70.0	70.1	70.1	70.3	70.2	69.9	69.6	69.0
-65°	61.5	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.2	60.9	60.6
-67.5°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.2	52.9	52.7	52.5
-70°	45.8	45.8	45.5	45.1	45.5	45.8	45.8	45.6	45.4	45.1	44.9
-72.5°	38.2	38.0	38.1	38.0	38.1	38.0	38.2	38.2	38.1	38.0	37.7
-75°	31.1	31.0	31.2	31.3	31.2	31.0	31.1	31.1	31.0	31.0	30.9
-77.5°	24.7	24.5	24.7	24.9	24.7	24.5	24.7	24.8	24.9	24.9	24.9
-80°	19.2	19.1	19.1	19.0	19.1	19.1	19.2	19.2	19.2	19.1	19.2
-82.5°	14.2	14.1	14.1	14.0	14.1	14.1	14.2	14.3	14.3	14.3	14.2
-85°	9.0	9.0	9.1	9.2	9.1	9.0	9.0	9.0	9.1	9.0	9.1
-87.5°	4.2	4.2	4.1	4.0	4.1	4.2	4.2	4.1	4.1	4.1	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: P558490 (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°
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°	3.0	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1
85°	9.3	9.4	9.4	9.5	9.6	9.6	9.6	9.4	9.2	8.9	8.5
82.5°	18.0	18.0	17.9	18.1	18.2	18.1	18.0	17.6	17.2	16.6	16.0
80°	28.0	27.9	27.9	28.3	28.4	28.4	28.1	27.5	26.7	25.9	25.0
77.5°	40.1	40.4	40.5	40.9	41.0	40.7	40.1	39.1	38.3	37.2	35.7
75°	55.3	55.7	55.9	56.3	56.3	56.0	55.4	54.2	52.6	50.7	48.1
72.5°	73.3	73.8	73.9	74.0	73.6	73.2	72.2	70.6	68.6	66.0	62.6
70°	94.6	94.9	94.7	94.1	93.4	92.4	90.8	88.6	85.8	82.8	78.6
67.5°	119.5	119.2	118.4	117.2	115.9	114.0	111.5	108.3	105.1	101.3	95.7
65°	147.8	146.9	145.7	144.2	141.8	138.6	134.7	130.7	126.4	121.2	114.1
62.5°	179.8	176.6	175.5	174.0	171.0	166.6	161.9	156.7	150.4	142.9	135.7
60°	217.1	214.4	211.7	208.1	203.6	198.1	192.1	185.2	177.3	169.0	159.4
57.5°	257.3	253.7	250.9	246.1	239.3	232.8	225.2	215.6	206.2	196.6	185.2
55°	305.4	300.4	294.5	287.9	280.5	272.1	261.8	250.7	239.2	225.9	213.7
52.5°	352.6	348.2	341.4	331.8	323.2	314.4	302.3	289.3	276.2	262.5	245.4
50°	408.5	401.7	392.4	381.3	372.2	360.2	346.8	330.9	317.4	301.7	282.8
47.5°	464.5	460.1	449.2	436.2	427.9	414.0	397.4	379.7	364.7	343.4	322.7
45°	535.5	527.5	515.2	504.1	491.0	475.5	454.4	437.5	417.5	394.2	364.3
42.5°	618.6	607.0	591.2	581.8	566.0	545.7	522.2	500.9	475.9	448.7	414.3
40°	719.4	700.3	684.2	669.1	651.1	624.3	598.3	569.9	540.0	506.5	461.7
37.5°	835.1	814.9	791.1	766.2	743.0	712.4	677.5	644.1	608.2	557.8	506.7
35°	955.6	932.5	903.2	873.0	836.9	794.1	758.1	718.6	669.7	604.3	548.4
32.5°	1074.6	1036.7	1005.0	972.3	918.3	865.4	826.7	791.6	708.6	641.1	585.0
30°	1160.7	1112.7	1080.5	1035.8	968.1	919.9	883.1	810.2	732.9	666.7	613.5
27.5°	1179.5	1144.0	1111.3	1044.2	985.9	943.3	885.7	811.5	741.2	678.8	627.4
25°	1143.3	1110.9	1071.2	1015.4	966.7	922.9	862.5	795.2	732.1	677.2	619.4
22.5°	1074.7	1045.1	1008.9	965.4	924.0	879.4	826.1	767.8	713.6	662.1	606.2
20°	1009.1	982.4	948.9	914.4	878.9	836.5	786.0	738.3	694.1	644.3	590.3
17.5°	957.5	929.9	903.6	873.7	837.3	794.0	757.7	718.4	674.8	625.3	572.2
15°	914.5	893.8	868.7	837.1	803.7	773.0	738.4	698.2	654.8	604.7	555.2
12.5°	888.3	866.1	838.7	814.0	786.2	754.0	718.4	677.4	635.8	593.9	549.5
10°	867.3	846.3	823.7	797.7	768.3	734.9	701.6	666.0	627.3	586.2	542.3
7.5°	853.8	832.2	808.1	782.8	754.6	724.6	691.9	656.5	617.4	576.3	533.3
5°	840.8	819.2	796.1	771.8	743.0	713.0	680.6	645.1	605.8	564.5	522.5
2.5°	825.9	805.4	783.1	758.8	729.5	699.6	667.7	631.7	593.1	553.3	510.3
0°	809.0	790.2	766.2	741.8	714.2	684.9	653.0	616.2	578.4	540.8	496.1
-2.5°	793.1	773.1	750.8	726.6	700.2	669.9	638.2	602.6	564.0	525.9	482.2
-5°	773.5	754.1	731.8	706.5	679.9	650.0	618.4	584.0	546.1	508.5	466.7
-7.5°	748.4	729.7	708.7	683.5	656.3	626.4	594.5	560.2	523.2	486.0	445.4
-10°	718.2	698.3	677.0	653.5	628.0	599.8	568.2	534.0	498.4	461.4	422.3
-12.5°	682.8	663.9	642.5	619.5	594.5	566.9	537.6	504.9	471.7	434.5	397.5
-15°	645.2	628.6	607.5	583.4	557.8	531.6	503.9	472.7	442.0	405.6	370.8
-17.5°	609.1	590.8	570.0	547.8	522.1	494.6	467.7	439.2	409.5	376.3	344.5
-20°	568.6	550.1	530.8	509.5	484.9	458.5	431.1	403.9	376.0	347.1	318.2



REPORT NUMBER: P558490 (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°	522.9	506.7	488.4	468.3	444.3	419.5	394.4	368.6	342.2	317.4	291.4
-25°	473.9	459.2	441.2	422.2	401.0	378.6	356.6	333.7	311.0	287.7	264.7
-27.5°	420.9	407.3	391.8	375.0	356.3	338.1	318.7	299.0	280.6	260.0	240.0
-30°	366.7	356.0	342.7	327.0	314.0	298.8	281.1	267.1	251.2	233.6	217.3
-32.5°	314.4	305.9	294.9	284.5	273.6	261.4	249.4	236.4	222.4	209.9	196.6
-35°	267.3	260.2	254.2	246.4	236.2	228.1	218.8	208.1	197.5	187.4	176.7
-37.5°	228.5	222.2	217.7	211.9	204.8	197.3	191.2	183.8	175.1	167.1	158.4
-40°	195.2	190.0	186.7	183.2	178.3	171.3	167.5	162.0	156.0	148.3	141.3
-42.5°	168.6	166.1	162.4	160.2	156.4	151.6	146.7	143.5	138.7	132.7	127.0
-45°	148.2	146.6	143.4	141.2	138.4	134.7	129.6	127.3	123.6	119.5	114.1
-47.5°	131.9	130.7	128.4	125.5	123.3	120.1	116.5	113.2	111.1	107.5	103.1
-50°	118.4	117.3	115.2	112.3	110.3	107.8	105.0	101.7	99.7	96.7	93.0
-52.5°	106.8	105.3	103.5	101.1	99.1	97.4	94.9	91.9	89.2	87.1	84.4
-55°	95.8	94.6	93.3	91.6	89.4	87.8	85.4	82.8	80.6	78.8	76.5
-57.5°	86.5	85.4	84.0	82.4	80.5	78.9	77.1	75.1	72.8	71.1	68.9
-60°	77.1	75.9	74.9	73.7	72.2	70.7	69.3	67.5	65.5	63.8	61.9
-62.5°	68.3	67.3	66.5	65.6	64.4	63.0	61.7	60.3	58.6	56.8	55.3
-65°	60.1	59.4	58.7	57.8	56.8	55.7	54.6	53.3	52.0	50.4	48.9
-67.5°	52.1	51.5	50.9	50.2	49.6	48.8	47.9	46.8	45.7	44.4	43.2
-70°	44.5	44.0	43.5	43.1	42.7	42.1	41.5	40.6	39.7	38.7	37.6
-72.5°	37.4	37.0	36.7	36.5	36.1	35.7	35.2	34.6	34.0	33.2	32.2
-75°	30.8	30.6	30.4	30.3	30.0	29.6	29.2	28.8	28.3	27.6	26.8
-77.5°	24.8	24.7	24.5	24.4	24.1	23.8	23.4	23.0	22.7	22.1	21.5
-80°	19.2	19.1	19.0	18.9	18.7	18.5	18.2	17.9	17.4	16.9	16.5
-82.5°	14.2	14.1	14.0	13.8	13.7	13.5	13.2	13.0	12.7	12.4	12.1
-85°	9.1	9.0	9.0	8.9	8.8	8.6	8.5	8.4	8.3	8.1	8.0
-87.5°	4.0	4.0	4.0	4.1	4.2	4.2	4.3	4.2	4.1	4.1	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2	1.9	1.7
85°	8.1	7.6	7.1	6.4	5.8	5.2	5.0	4.7	4.3	3.9	3.5
82.5°	15.1	14.4	13.6	12.8	11.8	10.8	9.8	8.6	7.3	6.0	5.2
80°	23.9	22.7	21.3	19.9	18.2	16.5	15.0	13.4	11.5	9.6	7.8
77.5°	33.8	31.8	29.6	27.6	25.6	23.5	21.1	18.5	15.7	13.3	11.0
75°	44.9	42.3	39.6	36.7	33.6	30.5	27.7	24.5	20.7	17.0	14.0
72.5°	58.7	54.7	50.5	46.2	42.5	38.7	34.7	30.4	25.9	21.5	17.3
70°	73.5	67.9	62.6	57.5	52.1	46.9	42.3	36.9	31.1	26.0	21.2
67.5°	89.2	83.1	76.4	69.1	62.7	56.4	50.0	43.5	37.0	30.5	24.9
65°	107.1	99.4	91.1	83.0	74.4	66.0	58.9	50.3	42.7	35.5	28.6
62.5°	126.7	116.6	107.6	97.5	87.5	77.6	67.4	57.8	48.5	40.5	32.7
60°	149.0	137.9	125.2	113.9	101.9	89.7	77.7	65.1	55.0	45.3	36.9
57.5°	173.5	160.5	146.9	131.9	117.7	103.4	87.9	73.4	61.1	50.6	40.9
55°	199.1	184.5	169.1	152.7	135.1	118.6	98.6	81.9	67.4	55.8	44.7
52.5°	227.7	210.3	192.6	174.0	154.7	133.3	110.5	90.0	74.4	60.7	48.7
50°	260.8	239.0	217.9	196.6	174.6	148.8	121.6	99.6	81.0	65.8	52.5
47.5°	298.4	272.0	245.9	220.3	195.9	163.2	133.8	108.7	87.2	71.1	56.0
45°	337.4	308.3	276.7	247.1	213.3	177.8	145.8	117.1	94.6	75.8	59.3
42.5°	376.6	345.0	311.1	274.2	231.1	191.6	156.7	126.6	101.4	80.0	62.7
40°	420.0	381.6	345.5	299.3	247.4	204.2	167.9	135.5	107.6	84.4	66.1
37.5°	461.5	419.0	379.3	318.5	262.2	217.1	178.1	143.5	113.2	89.0	69.2
35°	500.2	455.3	396.3	334.0	276.9	228.0	187.2	151.0	119.2	93.1	72.0
32.5°	535.5	478.5	409.4	346.2	288.6	236.9	195.4	157.7	124.3	96.7	74.5
30°	559.6	487.2	418.4	355.0	297.3	245.5	202.1	163.2	128.6	99.7	76.8
27.5°	560.9	491.3	423.2	360.4	303.3	251.8	207.2	167.6	132.0	102.4	79.2
25°	556.5	489.5	423.9	362.5	306.4	257.0	211.1	170.9	135.1	105.2	81.1
22.5°	546.2	483.2	420.7	361.1	309.9	260.5	214.3	173.7	137.6	107.2	82.6
20°	533.2	473.0	415.3	362.5	311.7	262.8	216.8	175.5	139.3	108.6	83.7
17.5°	517.3	464.8	414.4	362.2	311.7	263.5	217.9	176.4	140.0	109.3	84.4
15°	510.0	461.6	411.7	360.3	310.0	262.6	217.7	176.3	140.0	109.5	84.8
12.5°	504.1	456.6	407.3	356.7	306.6	260.2	216.2	175.2	139.2	109.5	85.2
10°	496.6	449.8	401.2	351.4	301.6	256.4	213.6	173.6	138.7	109.3	85.2
7.5°	487.6	441.2	393.4	344.6	295.7	252.2	210.9	171.9	137.9	108.7	84.9
5°	477.1	431.6	385.0	337.9	291.1	247.7	207.3	169.2	136.4	107.6	84.3
2.5°	465.7	421.8	375.6	329.9	285.4	242.0	202.8	165.8	134.4	106.1	83.4
0°	452.5	410.3	364.7	320.4	278.4	235.4	197.4	161.7	131.8	104.2	82.3
-2.5°	440.9	397.6	352.9	310.1	268.3	227.5	191.5	157.6	129.0	102.4	81.1
-5°	427.4	383.3	339.8	298.5	257.2	218.7	184.9	152.9	125.7	100.2	79.6
-7.5°	407.6	365.9	324.8	285.5	245.2	209.2	177.7	147.7	122.0	97.7	78.0
-10°	385.3	346.1	307.8	270.8	233.4	199.9	170.1	142.2	117.9	95.0	76.1
-12.5°	361.7	325.2	289.8	255.3	221.4	190.7	162.8	136.7	113.6	92.0	74.0
-15°	337.0	303.5	271.1	239.3	208.9	181.0	155.2	131.1	109.3	88.9	71.8
-17.5°	311.8	281.0	251.7	222.9	196.1	171.0	147.3	125.3	104.8	85.9	69.6
-20°	288.9	260.1	232.0	206.4	183.3	160.7	139.2	119.2	100.1	82.7	67.3



REPORT NUMBER: P558490 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-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°	266.0	240.7	215.4	191.0	170.7	150.1	131.0	112.9	95.3	79.3	64.9
-25°	243.2	221.5	199.1	178.2	158.5	140.3	123.1	106.5	90.3	75.8	62.4
-27.5°	221.8	202.8	182.8	165.4	147.8	130.6	115.5	100.4	85.5	72.2	59.7
-30°	201.3	184.8	168.2	152.9	137.3	122.2	107.8	94.3	81.1	68.8	56.9
-32.5°	182.3	167.1	154.3	141.3	127.6	113.9	100.7	88.3	76.6	65.3	54.2
-35°	164.7	152.0	140.7	130.0	118.2	106.3	94.3	82.3	72.2	61.8	51.7
-37.5°	148.0	138.7	129.0	119.4	108.9	98.9	88.1	77.3	67.8	58.1	49.0
-40°	134.2	126.3	118.1	109.4	100.6	91.6	82.0	72.6	63.5	54.4	46.3
-42.5°	121.2	114.9	107.9	99.8	92.9	84.9	75.9	67.8	59.4	51.0	43.6
-45°	109.5	104.2	98.2	92.1	85.6	78.2	70.6	63.0	55.2	47.9	40.9
-47.5°	98.5	94.5	89.7	84.5	78.5	71.8	65.2	58.5	51.1	44.7	38.4
-50°	89.2	85.8	81.9	77.2	71.7	66.0	60.0	53.9	47.6	41.6	35.8
-52.5°	81.1	77.9	74.4	70.1	65.4	60.1	55.1	49.4	44.0	38.6	33.2
-55°	73.6	70.4	67.3	63.6	59.3	54.9	50.2	45.4	40.4	35.6	30.6
-57.5°	66.5	63.4	60.7	57.3	53.8	49.9	45.7	41.4	37.0	32.5	28.3
-60°	59.6	57.1	54.4	51.7	48.6	45.1	41.3	37.4	33.6	29.5	25.9
-62.5°	53.3	51.0	48.8	46.4	43.5	40.3	37.0	33.6	30.1	26.8	23.5
-65°	47.4	45.5	43.4	41.1	38.5	35.7	32.9	29.8	27.0	24.1	21.1
-67.5°	41.8	40.0	38.0	35.8	33.7	31.4	28.8	26.3	23.9	21.3	18.7
-70°	36.2	34.6	32.8	31.2	29.3	27.2	25.1	23.0	20.8	18.7	16.3
-72.5°	30.9	29.6	28.2	26.7	25.1	23.4	21.5	19.7	17.9	16.0	13.9
-75°	25.7	24.7	23.6	22.4	21.0	19.5	18.1	16.6	15.0	13.3	11.8
-77.5°	20.7	19.9	19.1	18.2	17.2	16.0	14.8	13.5	12.3	11.0	9.7
-80°	16.0	15.6	15.0	14.3	13.4	12.5	11.6	10.7	9.8	8.8	7.7
-82.5°	11.7	11.4	11.0	10.5	9.9	9.3	8.6	8.0	7.3	6.5	5.7
-85°	7.7	7.4	7.1	6.8	6.4	6.0	5.7	5.3	4.8	4.3	3.8
-87.5°	3.8	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.4	2.2	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.0	2.5	2.1	1.6	1.1	0.5	0.0
82.5°	4.5	3.8	3.1	2.4	1.6	0.8	0.0
80°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
77.5°	8.7	6.6	5.1	3.9	2.6	1.3	0.0
75°	11.3	8.7	6.2	4.7	3.1	1.5	0.0
72.5°	13.8	10.7	7.8	5.4	3.7	1.8	0.0
70°	16.4	12.7	9.4	6.3	4.2	2.0	0.0
67.5°	19.5	14.7	10.9	7.4	4.6	2.3	0.0
65°	22.6	16.9	12.4	8.4	5.1	2.5	0.0
62.5°	25.5	19.2	13.8	9.5	5.6	2.7	0.0
60°	28.4	21.5	15.2	10.5	6.1	3.0	0.0
57.5°	31.6	23.7	16.9	11.5	6.7	3.2	0.0
55°	34.7	25.8	18.5	12.4	7.3	3.4	0.0
52.5°	37.6	27.9	20.1	13.4	7.9	3.6	0.0
50°	40.4	30.1	21.6	14.2	8.5	3.8	0.0
47.5°	43.0	32.3	23.0	15.1	9.1	4.0	0.0
45°	45.8	34.2	24.3	16.1	9.6	4.2	0.0
42.5°	48.3	36.1	25.6	17.1	10.1	4.4	0.0
40°	50.7	37.7	26.8	17.9	10.6	4.5	0.0
37.5°	52.8	39.3	28.1	18.8	11.1	4.7	0.0
35°	54.6	40.8	29.2	19.6	11.5	4.8	0.0
32.5°	56.4	42.2	30.3	20.3	11.9	5.0	0.0
30°	58.4	43.5	31.2	21.0	12.3	5.1	0.0
27.5°	60.0	44.6	32.0	21.6	12.6	5.2	0.0
25°	61.4	45.5	32.8	22.1	12.9	5.3	0.0
22.5°	62.6	46.3	33.5	22.6	13.2	5.4	0.0
20°	63.5	47.1	34.0	23.1	13.5	5.5	0.0
17.5°	64.3	47.8	34.5	23.5	13.7	5.6	0.0
15°	64.9	48.3	34.8	23.8	13.9	5.6	0.0
12.5°	65.3	48.6	35.1	24.0	14.1	5.7	0.0
10°	65.5	48.9	35.2	24.2	14.2	5.7	0.0
7.5°	65.4	49.0	35.3	24.4	14.3	5.8	0.0
5°	65.1	49.0	35.2	24.4	14.4	5.8	0.0
2.5°	64.6	48.8	35.1	24.4	14.4	5.8	0.0
0°	63.9	48.5	34.9	24.4	14.4	5.8	0.0
-2.5°	63.2	48.0	34.7	24.3	14.4	5.8	0.0
-5°	62.3	47.4	34.5	24.1	14.3	5.8	0.0
-7.5°	61.2	46.7	34.1	23.9	14.2	5.8	0.0
-10°	60.0	45.9	33.7	23.6	14.1	5.8	0.0
-12.5°	58.6	45.0	33.3	23.3	13.9	5.7	0.0
-15°	57.1	44.0	32.7	22.9	13.7	5.7	0.0
-17.5°	55.4	42.9	32.1	22.5	13.5	5.6	0.0
-20°	53.7	41.8	31.4	22.0	13.3	5.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	52.0	40.5	30.6	21.5	13.0	5.5	0.0
-25°	50.2	39.3	29.7	21.0	12.7	5.4	0.0
-27.5°	48.3	38.0	28.8	20.3	12.4	5.3	0.0
-30°	46.3	36.7	27.9	19.7	12.0	5.2	0.0
-32.5°	44.2	35.3	26.9	19.0	11.7	5.0	0.0
-35°	42.3	33.7	25.8	18.3	11.3	4.9	0.0
-37.5°	40.3	32.2	24.7	17.5	10.9	4.8	0.0
-40°	38.4	30.8	23.6	16.7	10.4	4.6	0.0
-42.5°	36.3	29.3	22.4	15.9	10.0	4.4	0.0
-45°	34.2	27.7	21.3	15.1	9.5	4.3	0.0
-47.5°	32.0	26.1	20.1	14.2	9.0	4.1	0.0
-50°	30.0	24.5	18.9	13.4	8.5	3.9	0.0
-52.5°	28.1	22.8	17.7	12.6	8.0	3.7	0.0
-55°	26.0	21.2	16.4	11.8	7.5	3.5	0.0
-57.5°	24.0	19.6	15.1	11.0	7.0	3.3	0.0
-60°	21.9	17.9	13.7	10.2	6.4	3.1	0.0
-62.5°	19.9	16.2	12.6	9.3	5.9	2.8	0.0
-65°	17.9	14.5	11.4	8.4	5.4	2.6	0.0
-67.5°	15.8	12.9	10.3	7.5	4.9	2.3	0.0
-70°	13.7	11.4	9.1	6.6	4.4	2.1	0.0
-72.5°	11.9	9.9	7.9	5.8	3.9	1.8	0.0
-75°	10.1	8.4	6.6	5.0	3.3	1.6	0.0
-77.5°	8.3	6.9	5.5	4.2	2.8	1.3	0.0
-80°	6.5	5.5	4.4	3.4	2.3	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-85°	3.3	2.7	2.2	1.7	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)