

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: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-940-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

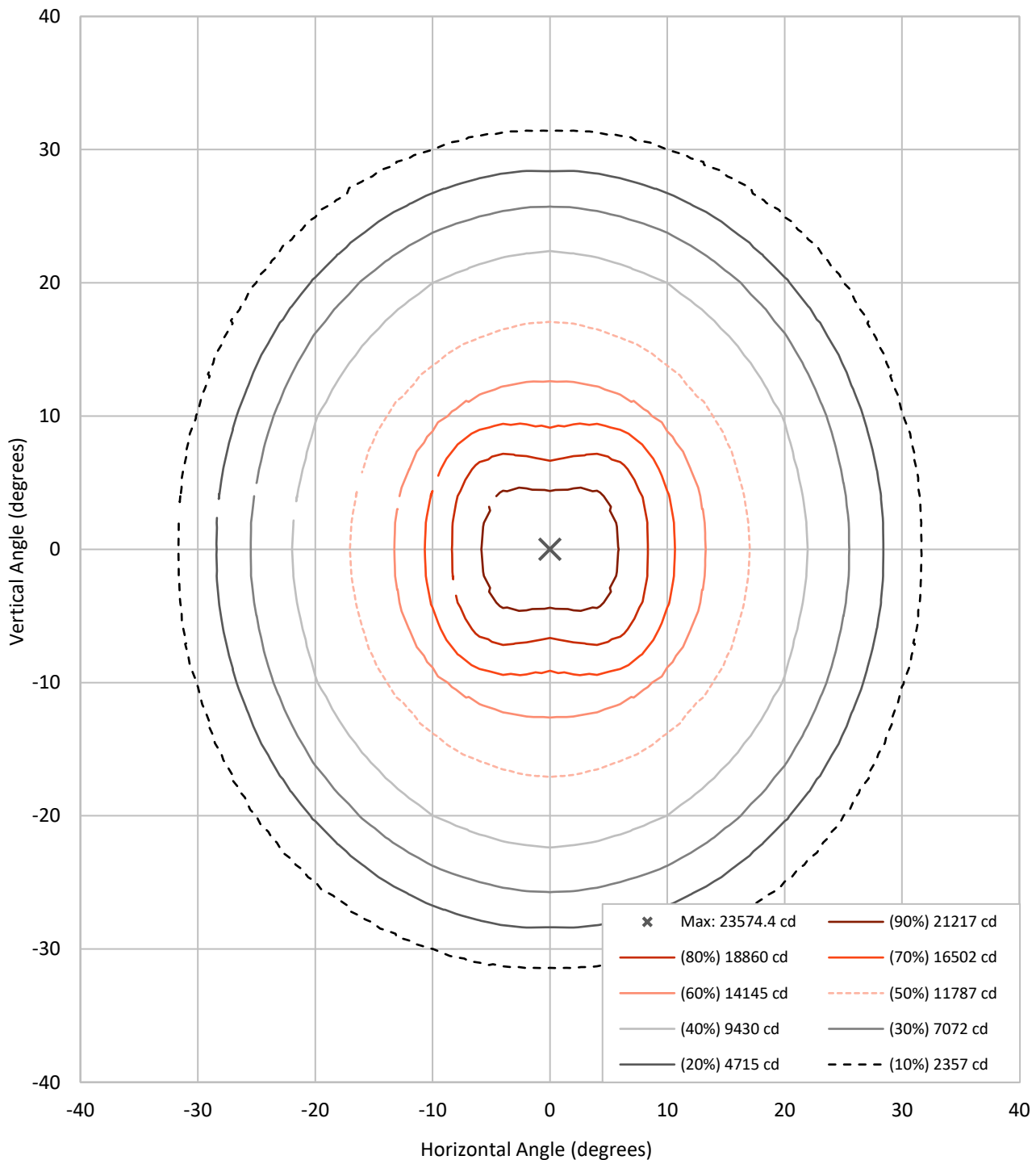
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	10428.7 lumens	Max Intensity:	23574.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4441.9 lumens	Field Lumens:	9078.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 91  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





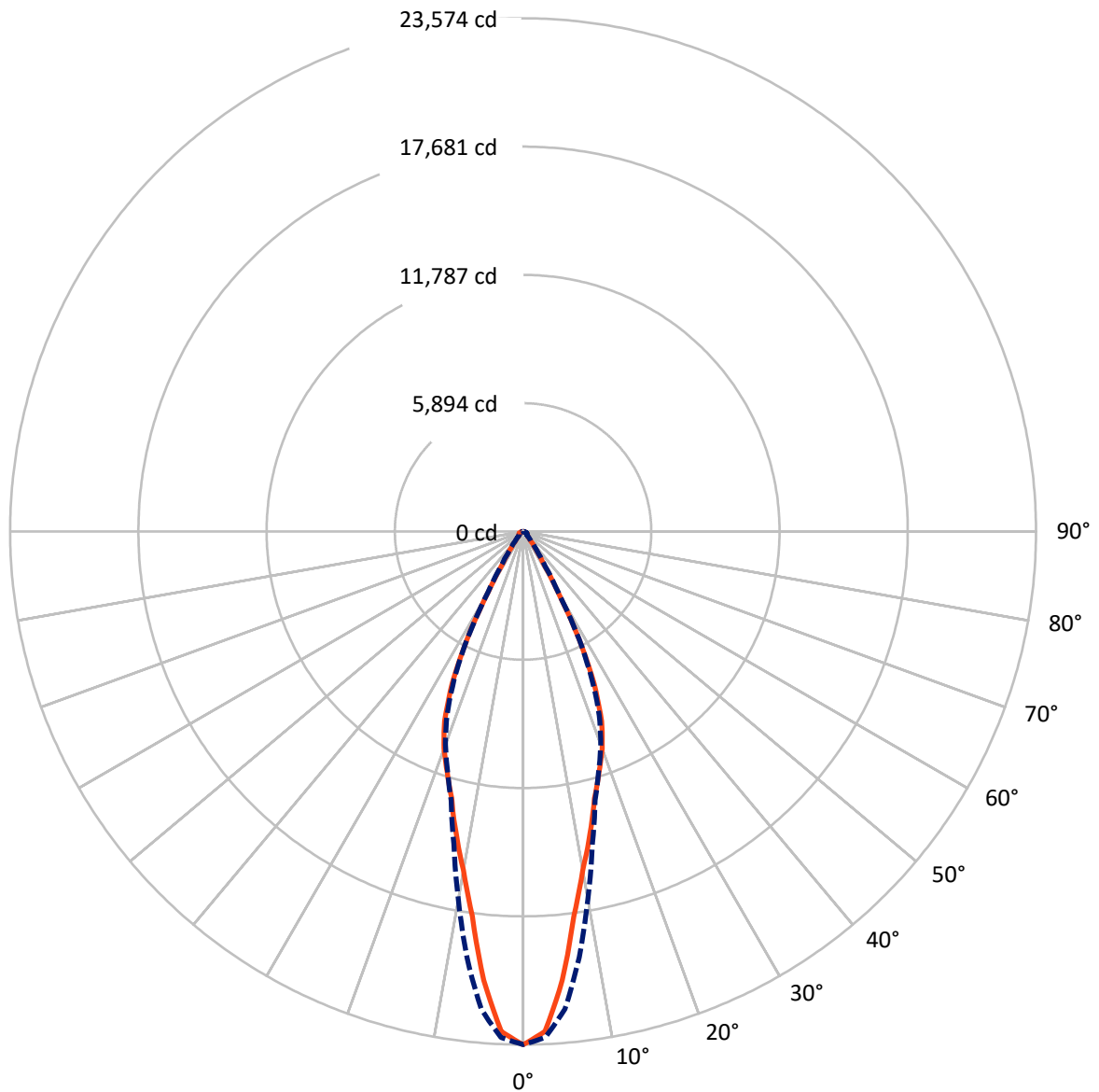
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### Lumen Table

90																			
80	0.1	1.1		3.2		5.3		6.2		5.3		3.2		1.1		0.1			
70																			
60	0.5	0.6	1.3	2.3	3.4	4.3	5.1	5.5	5.5	5.1	4.3	3.4	2.3	1.3	0.6	0.5			
50		1.0	2.1	3.7	5.0	5.7	6.0	6.2	6.2	6.0	5.7	5.0	3.7	2.1	1.0				
40	1.0	1.4	2.9	4.4	5.2	6.4	8.2	9.5	9.5	8.2	6.4	5.2	4.4	2.9	1.4	1.0			
30		1.7	3.4	4.5	6.7	13.3	25.3	38.6	38.6	25.3	13.3	6.7	4.5	3.4	1.7				
20	1.4	2.0	3.6	5.0	12.2	40.6	127.6	210.1	210.1	127.6	40.6	12.2	5.0	3.6	2.0	1.4			
10		2.2	3.6	6.2	22.8	120.3	284.2	376.4	376.4	284.2	120.3	22.8	6.2	3.6	2.2				
0	1.5	2.3	3.6	7.1	34.6	189.5	369.6	583.3	583.3	369.6	189.5	34.6	7.1	3.6	2.3	1.5			
-10		2.3	3.6	7.1	34.6	189.5	369.6	583.3	583.3	369.6	189.5	34.6	7.1	3.6	2.3				
-20	1.4	2.2	3.6	6.2	22.8	120.3	284.2	376.4	376.4	284.2	120.3	22.8	6.2	3.6	2.2	1.4			
-30		2.0	3.6	5.0	12.2	40.6	127.6	210.1	210.1	127.6	40.6	12.2	5.0	3.6	2.0				
-40	1.0	1.7	3.4	4.5	6.7	13.3	25.3	38.6	38.6	25.3	13.3	6.7	4.5	3.4	1.7	1.0			
-50		1.4	2.9	4.4	5.2	6.4	8.2	9.5	9.5	8.2	6.4	5.2	4.4	2.9	1.4				
-60	0.5	1.0	2.1	3.7	5.0	5.7	6.0	6.2	6.2	6.0	5.7	5.0	3.7	2.1	1.0	0.5			
-70		0.6	1.3	2.3	3.4	4.3	5.1	5.5	5.5	5.1	4.3	3.4	2.3	1.3	0.6				
-80																			
-90	0.1	1.1		3.2		5.3		6.2		5.3		3.2		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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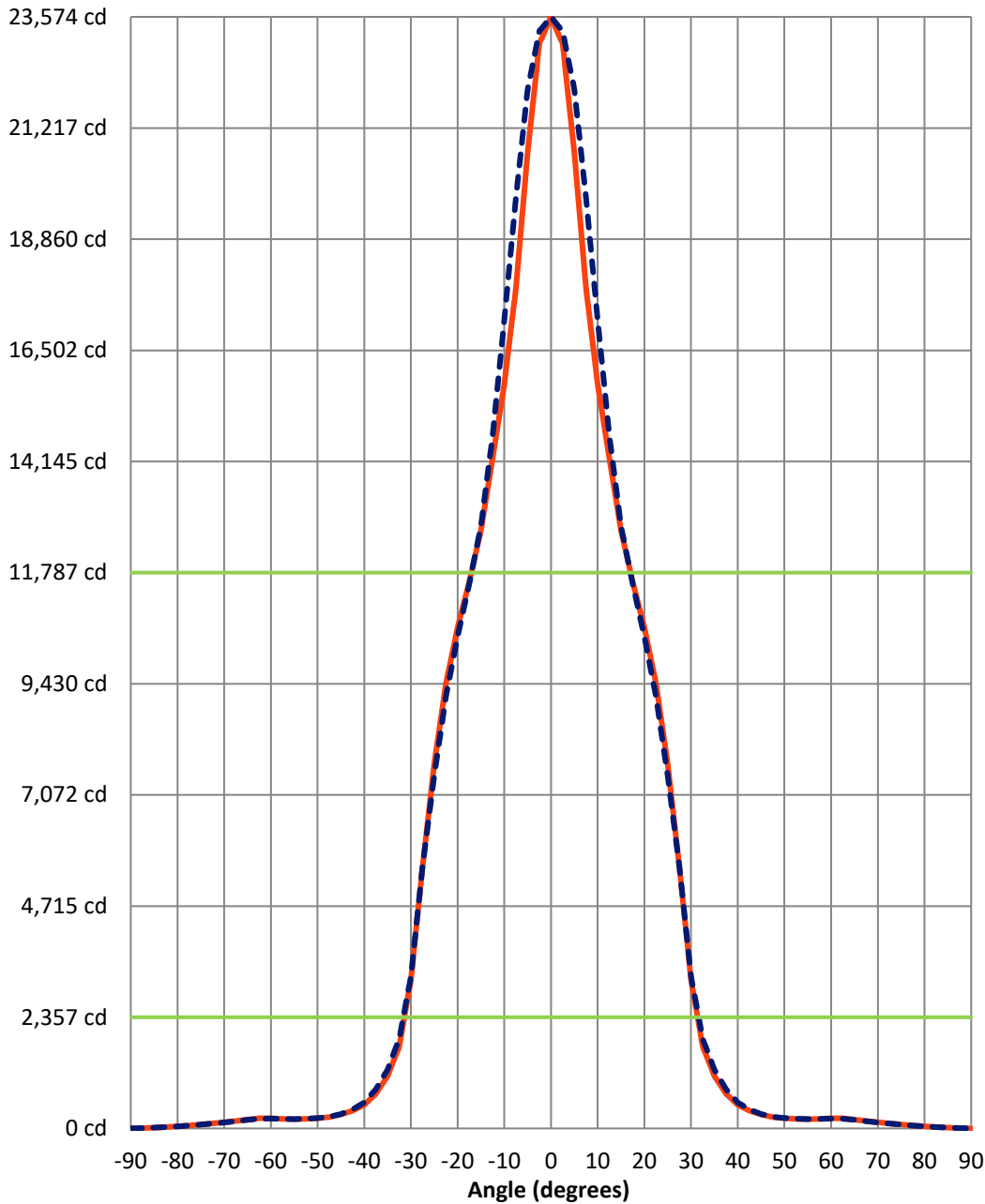
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 34°  
V Angle: 34.1°  
Lumens: 4441.9  
Efficiency: 42.6%

**Field:**  
H Angle: 63.3°  
V Angle: 62.8°  
Lumens: 9078.4  
Efficiency: 87.1%

**Spill:**  
Lumens: 1350.3  
Efficiency: 12.9%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.5	8.7
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	9.8	11.4	12.9
77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.1	11.3	13.4	15.3	17.2
75°	0.0	1.6	3.1	4.6	6.3	9.0	11.9	14.5	16.9	19.5	22.2
72.5°	0.0	1.8	3.6	5.4	8.1	11.3	14.6	17.7	20.7	23.8	27.1
70°	0.0	2.1	4.1	6.2	9.8	13.5	17.3	20.9	24.4	28.1	32.9
67.5°	0.0	2.3	4.6	7.5	11.5	15.6	20.0	24.0	28.1	33.5	38.8
65°	0.0	2.5	5.1	8.7	13.1	17.8	22.6	27.1	32.9	38.8	45.2
62.5°	0.0	2.8	5.5	9.9	14.7	20.1	25.3	30.9	37.5	44.4	52.5
60°	0.0	3.0	6.0	11.0	16.3	22.3	27.9	34.9	42.1	50.8	59.7
57.5°	0.0	3.2	6.7	12.2	18.1	24.5	31.2	38.8	47.5	57.2	67.1
55°	0.0	3.4	7.5	13.3	19.9	26.7	34.5	42.6	53.0	63.4	74.3
52.5°	0.0	3.7	8.2	14.3	21.6	28.9	37.7	47.2	58.3	69.6	81.3
50°	0.0	3.9	8.9	15.3	23.3	31.5	40.8	51.7	63.5	75.6	88.7
47.5°	0.0	4.1	9.6	16.4	24.9	34.0	43.9	56.0	68.5	81.3	95.9
45°	0.0	4.2	10.3	17.6	26.5	36.4	47.4	60.1	73.3	87.6	103.0
42.5°	0.0	4.4	10.9	18.7	28.1	38.7	50.7	64.1	78.0	93.8	110.3
40°	0.0	4.6	11.5	19.9	29.7	41.0	53.8	68.0	82.7	99.8	117.3
37.5°	0.0	4.8	12.1	20.9	31.4	43.1	56.8	71.7	87.8	105.6	124.1
35°	0.0	4.9	12.6	21.9	33.0	45.3	59.5	75.2	92.5	111.2	130.5
32.5°	0.0	5.1	13.2	22.9	34.5	47.4	62.2	78.6	97.0	116.5	136.7
30°	0.0	5.2	13.7	23.7	35.9	49.4	64.8	81.9	101.1	121.5	142.5
27.5°	0.0	5.3	14.2	24.5	37.1	51.3	67.3	85.2	105.0	126.1	147.9
25°	0.0	5.4	14.6	25.2	38.2	52.9	69.6	88.3	108.7	130.4	152.8
22.5°	0.0	5.5	15.0	25.8	39.2	54.4	71.7	91.0	112.1	134.4	157.8
20°	0.0	5.6	15.4	26.3	40.0	55.7	73.6	93.5	115.2	138.1	162.3
17.5°	0.0	5.7	15.7	26.8	40.8	56.8	75.3	95.7	117.9	141.3	166.2
15°	0.0	5.8	16.0	27.2	41.5	57.7	76.8	97.6	120.2	144.0	169.5
12.5°	0.0	5.9	16.3	27.5	42.0	58.5	78.0	99.2	122.2	146.4	172.3
10°	0.0	5.9	16.5	27.7	42.4	59.1	79.1	100.6	123.7	148.5	174.8
7.5°	0.0	5.9	16.7	27.9	42.7	59.6	79.9	101.6	124.9	150.3	177.4
5°	0.0	6.0	16.8	28.0	42.9	59.9	80.5	102.4	125.6	151.6	179.5
2.5°	0.0	6.0	16.9	28.0	43.0	60.0	80.9	102.8	126.0	152.6	181.0
0°	0.0	6.0	17.0	28.0	43.0	60.0	81.0	103.0	126.0	153.0	182.0
-2.5°	0.0	6.0	16.9	28.0	43.0	60.0	80.9	102.8	126.0	152.6	181.0
-5°	0.0	6.0	16.8	28.0	42.9	59.9	80.5	102.4	125.6	151.6	179.5
-7.5°	0.0	5.9	16.7	27.9	42.7	59.6	79.9	101.6	124.9	150.3	177.4
-10°	0.0	5.9	16.5	27.7	42.4	59.1	79.1	100.6	123.7	148.5	174.8
-12.5°	0.0	5.9	16.3	27.5	42.0	58.5	78.0	99.2	122.2	146.4	172.3
-15°	0.0	5.8	16.0	27.2	41.5	57.7	76.8	97.6	120.2	144.0	169.5
-17.5°	0.0	5.7	15.7	26.8	40.8	56.8	75.3	95.7	117.9	141.3	166.2
-20°	0.0	5.6	15.4	26.3	40.0	55.7	73.6	93.5	115.2	138.1	162.3



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**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	15.0	25.8	39.2	54.4	71.7	91.0	112.1	134.4	157.8
-25°	0.0	5.4	14.6	25.2	38.2	52.9	69.6	88.3	108.7	130.4	152.8
-27.5°	0.0	5.3	14.2	24.5	37.1	51.3	67.3	85.2	105.0	126.1	147.9
-30°	0.0	5.2	13.7	23.7	35.9	49.4	64.8	81.9	101.1	121.5	142.5
-32.5°	0.0	5.1	13.2	22.9	34.5	47.4	62.2	78.6	97.0	116.5	136.7
-35°	0.0	4.9	12.6	21.9	33.0	45.3	59.5	75.2	92.5	111.2	130.5
-37.5°	0.0	4.8	12.1	20.9	31.4	43.1	56.8	71.7	87.8	105.6	124.1
-40°	0.0	4.6	11.5	19.9	29.7	41.0	53.8	68.0	82.7	99.8	117.3
-42.5°	0.0	4.4	10.9	18.7	28.1	38.7	50.7	64.1	78.0	93.8	110.3
-45°	0.0	4.2	10.3	17.6	26.5	36.4	47.4	60.1	73.3	87.6	103.0
-47.5°	0.0	4.1	9.6	16.4	24.9	34.0	43.9	56.0	68.5	81.3	95.9
-50°	0.0	3.9	8.9	15.3	23.3	31.5	40.8	51.7	63.5	75.6	88.7
-52.5°	0.0	3.7	8.2	14.3	21.6	28.9	37.7	47.2	58.3	69.6	81.3
-55°	0.0	3.4	7.5	13.3	19.9	26.7	34.5	42.6	53.0	63.4	74.3
-57.5°	0.0	3.2	6.7	12.2	18.1	24.5	31.2	38.8	47.5	57.2	67.1
-60°	0.0	3.0	6.0	11.0	16.3	22.3	27.9	34.9	42.1	50.8	59.7
-62.5°	0.0	2.8	5.5	9.9	14.7	20.1	25.3	30.9	37.5	44.4	52.5
-65°	0.0	2.5	5.1	8.7	13.1	17.8	22.6	27.1	32.9	38.8	45.2
-67.5°	0.0	2.3	4.6	7.5	11.5	15.6	20.0	24.0	28.1	33.5	38.8
-70°	0.0	2.1	4.1	6.2	9.8	13.5	17.3	20.9	24.4	28.1	32.9
-72.5°	0.0	1.8	3.6	5.4	8.1	11.3	14.6	17.7	20.7	23.8	27.1
-75°	0.0	1.6	3.1	4.6	6.3	9.0	11.9	14.5	16.9	19.5	22.2
-77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.1	11.3	13.4	15.3	17.2
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	9.8	11.4	12.9
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.5	8.7
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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):**

	-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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.7	7.5	8.1	8.7	9.2	9.7	10.3	10.8	11.3
82.5°	9.8	11.0	12.1	13.2	14.0	14.8	15.6	16.7	17.9	19.1	20.3
80°	14.4	15.9	17.8	19.7	21.4	23.1	24.8	26.5	28.2	30.0	31.7
77.5°	19.6	22.0	24.5	27.0	29.5	32.3	35.1	37.8	40.3	42.5	44.6
75°	25.1	28.1	31.8	35.5	39.1	42.6	46.2	50.0	53.5	56.5	59.4
72.5°	31.1	35.4	39.9	44.3	49.3	54.1	58.7	63.2	67.3	71.1	74.9
70°	37.7	42.8	48.7	54.7	60.4	65.9	71.3	76.3	81.1	86.1	91.4
67.5°	44.5	51.5	58.3	65.0	71.8	78.0	83.9	90.4	96.8	103.1	109.2
65°	52.6	60.2	68.1	75.9	83.2	90.8	98.3	105.7	113.3	120.4	127.1
62.5°	60.6	69.5	78.2	86.8	95.5	104.1	112.9	121.6	130.0	138.7	147.1
60°	69.1	78.8	88.4	98.0	107.8	118.1	127.9	138.1	148.4	158.2	167.8
57.5°	77.5	88.0	98.5	109.4	120.9	132.2	143.8	155.2	167.0	178.2	188.0
55°	85.7	97.0	108.8	121.4	133.9	146.9	159.8	173.2	185.8	195.3	204.2
52.5°	93.9	106.1	119.6	133.2	147.2	161.8	176.8	189.7	200.3	208.4	210.3
50°	102.0	116.0	130.3	145.2	160.7	177.1	191.5	203.1	209.1	211.4	210.2
47.5°	110.5	125.5	140.9	157.0	174.3	190.0	203.6	209.5	212.4	209.3	205.5
45°	118.9	135.0	151.3	169.0	186.2	201.1	208.7	213.0	209.2	205.5	202.9
42.5°	127.1	144.3	162.1	180.3	196.4	206.9	211.7	209.3	206.0	203.2	204.2
40°	135.2	153.2	172.7	189.8	204.3	209.7	208.8	205.9	204.0	205.2	209.3
37.5°	142.9	162.6	182.5	199.1	206.9	209.0	205.5	203.5	205.0	209.7	218.7
35°	150.2	171.6	190.5	204.4	209.6	206.0	203.4	203.1	208.4	218.0	231.4
32.5°	157.7	180.1	198.0	206.8	207.6	203.5	201.6	206.2	214.6	227.3	249.8
30°	164.9	186.7	203.6	208.9	205.2	202.1	203.2	209.8	221.2	242.3	278.7
27.5°	171.5	192.7	205.4	207.9	203.2	200.6	205.5	215.5	232.1	260.2	312.2
25°	177.6	198.1	206.9	206.0	201.8	201.5	208.3	220.6	243.5	289.0	360.2
22.5°	182.5	203.0	208.4	204.2	200.5	203.2	212.6	229.6	260.4	316.1	410.2
20°	186.6	204.3	208.2	202.5	199.1	204.5	216.4	238.5	283.0	358.5	466.6
17.5°	190.3	205.4	206.7	201.4	199.9	206.6	220.4	246.5	303.2	394.9	520.8
15°	193.5	206.3	205.4	200.4	200.9	209.4	226.9	261.5	327.3	429.3	569.4
12.5°	196.3	207.1	204.1	199.6	201.6	211.7	232.4	275.1	351.2	466.5	647.4
10°	198.7	207.8	203.0	199.0	202.1	213.6	236.9	285.9	369.5	498.1	712.8
7.5°	200.8	208.3	202.0	198.4	202.4	215.0	240.4	293.8	382.6	523.5	761.7
5°	202.4	208.7	201.4	198.2	203.1	216.5	242.9	298.9	390.6	542.0	794.5
2.5°	203.5	208.9	201.1	198.0	204.1	218.5	245.0	303.2	397.6	551.1	817.8
0°	204.0	209.0	201.0	198.0	205.0	220.0	246.0	305.0	401.0	551.0	832.0
-2.5°	203.5	208.9	201.1	198.0	204.1	218.5	245.0	303.2	397.6	551.1	817.8
-5°	202.4	208.7	201.4	198.2	203.1	216.5	242.9	298.9	390.6	542.0	794.5
-7.5°	200.8	208.3	202.0	198.4	202.4	215.0	240.4	293.8	382.6	523.5	761.7
-10°	198.7	207.8	203.0	199.0	202.1	213.6	236.9	285.9	369.5	498.1	712.8
-12.5°	196.3	207.1	204.1	199.6	201.6	211.7	232.4	275.1	351.2	466.5	647.4
-15°	193.5	206.3	205.4	200.4	200.9	209.4	226.9	261.5	327.3	429.3	569.4
-17.5°	190.3	205.4	206.7	201.4	199.9	206.6	220.4	246.5	303.2	394.9	520.8
-20°	186.6	204.3	208.2	202.5	199.1	204.5	216.4	238.5	283.0	358.5	466.6



REPORT NUMBER: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	182.5	203.0	208.4	204.2	200.5	203.2	212.6	229.6	260.4	316.1	410.2
-25°	177.6	198.1	206.9	206.0	201.8	201.5	208.3	220.6	243.5	289.0	360.2
-27.5°	171.5	192.7	205.4	207.9	203.2	200.6	205.5	215.5	232.1	260.2	312.2
-30°	164.9	186.7	203.6	208.9	205.2	202.1	203.2	209.8	221.2	242.3	278.7
-32.5°	157.7	180.1	198.0	206.8	207.6	203.5	201.6	206.2	214.6	227.3	249.8
-35°	150.2	171.6	190.5	204.4	209.6	206.0	203.4	203.1	208.4	218.0	231.4
-37.5°	142.9	162.6	182.5	199.1	206.9	209.0	205.5	203.5	205.0	209.7	218.7
-40°	135.2	153.2	172.7	189.8	204.3	209.7	208.8	205.9	204.0	205.2	209.3
-42.5°	127.1	144.3	162.1	180.3	196.4	206.9	211.7	209.3	206.0	203.2	204.2
-45°	118.9	135.0	151.3	169.0	186.2	201.1	208.7	213.0	209.2	205.5	202.9
-47.5°	110.5	125.5	140.9	157.0	174.3	190.0	203.6	209.5	212.4	209.3	205.5
-50°	102.0	116.0	130.3	145.2	160.7	177.1	191.5	203.1	209.1	211.4	210.2
-52.5°	93.9	106.1	119.6	133.2	147.2	161.8	176.8	189.7	200.3	208.4	210.3
-55°	85.7	97.0	108.8	121.4	133.9	146.9	159.8	173.2	185.8	195.3	204.2
-57.5°	77.5	88.0	98.5	109.4	120.9	132.2	143.8	155.2	167.0	178.2	188.0
-60°	69.1	78.8	88.4	98.0	107.8	118.1	127.9	138.1	148.4	158.2	167.8
-62.5°	60.6	69.5	78.2	86.8	95.5	104.1	112.9	121.6	130.0	138.7	147.1
-65°	52.6	60.2	68.1	75.9	83.2	90.8	98.3	105.7	113.3	120.4	127.1
-67.5°	44.5	51.5	58.3	65.0	71.8	78.0	83.9	90.4	96.8	103.1	109.2
-70°	37.7	42.8	48.7	54.7	60.4	65.9	71.3	76.3	81.1	86.1	91.4
-72.5°	31.1	35.4	39.9	44.3	49.3	54.1	58.7	63.2	67.3	71.1	74.9
-75°	25.1	28.1	31.8	35.5	39.1	42.6	46.2	50.0	53.5	56.5	59.4
-77.5°	19.6	22.0	24.5	27.0	29.5	32.3	35.1	37.8	40.3	42.5	44.6
-80°	14.4	15.9	17.8	19.7	21.4	23.1	24.8	26.5	28.2	30.0	31.7
-82.5°	9.8	11.0	12.1	13.2	14.0	14.8	15.6	16.7	17.9	19.1	20.3
-85°	5.5	6.0	6.7	7.5	8.1	8.7	9.2	9.7	10.3	10.8	11.3
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-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°	4.9	4.9	4.8	4.7	4.5	4.6	4.7	4.8	4.8	5.1	5.4
85°	11.7	12.3	12.8	13.4	13.9	14.3	14.7	15.0	15.2	15.5	15.7
82.5°	21.4	22.5	23.5	24.5	25.3	26.0	26.6	27.2	27.7	28.1	28.4
80°	33.3	34.8	36.1	37.3	38.3	39.2	40.0	40.6	41.1	42.1	43.1
77.5°	46.7	48.7	50.7	52.4	54.0	55.6	57.0	58.4	59.5	60.5	61.1
75°	62.1	64.8	67.4	69.8	72.0	74.3	76.5	78.5	80.4	81.6	82.5
72.5°	78.7	82.3	85.5	88.6	91.3	94.1	96.9	99.3	101.5	103.2	104.5
70°	96.5	101.1	104.9	108.4	111.8	115.3	118.7	121.6	124.2	126.3	128.0
67.5°	114.9	120.2	124.9	129.5	134.1	138.4	142.5	146.3	149.8	152.5	154.2
65°	133.7	140.5	146.7	152.4	157.5	162.3	167.4	172.2	176.5	180.0	182.7
62.5°	155.0	162.7	169.7	176.0	181.7	186.2	191.1	195.6	199.6	203.2	206.9
60°	176.8	185.3	191.5	196.9	201.8	206.1	207.8	209.5	210.8	212.0	213.5
57.5°	195.8	203.1	208.4	209.6	210.7	211.7	211.1	209.4	207.6	205.8	204.4
55°	209.0	211.1	213.4	211.6	208.7	206.0	203.6	201.9	200.3	198.9	197.7
52.5°	212.5	210.5	208.1	205.4	203.3	201.2	199.1	199.5	200.2	200.6	200.9
50°	207.4	205.0	203.7	202.1	202.4	203.5	204.3	206.3	208.7	210.5	212.0
47.5°	203.4	201.8	203.8	206.4	208.7	213.0	216.8	220.6	226.4	231.0	234.7
45°	202.3	206.1	210.0	216.2	221.7	231.1	240.0	247.4	261.2	273.9	283.8
42.5°	208.0	214.5	221.6	233.7	246.7	263.5	284.9	303.1	324.4	344.2	358.6
40°	217.4	227.0	243.0	262.5	292.9	320.0	355.6	386.0	414.6	444.9	467.7
37.5°	231.0	248.9	278.9	313.8	360.0	404.4	453.4	501.0	541.6	603.0	651.0
35°	251.2	287.4	329.9	388.3	448.7	516.7	588.4	680.8	762.1	857.5	947.2
32.5°	287.9	337.0	403.6	482.6	562.8	680.2	790.9	941.0	1075.9	1244.2	1425.2
30°	330.9	404.1	493.7	596.7	742.0	903.5	1085.6	1315.8	1589.3	1915.1	2352.1
27.5°	390.1	484.1	596.8	763.9	969.9	1186.4	1509.2	1896.2	2601.4	3215.9	4030.4
25°	453.9	568.7	746.9	971.4	1242.6	1632.3	2263.5	3068.7	4209.2	5299.8	6171.6
22.5°	527.4	695.2	920.1	1199.5	1638.4	2392.9	3372.9	4791.0	6062.8	7162.7	8009.8
20°	608.8	819.2	1121.5	1548.5	2295.9	3400.9	4974.2	6429.5	7728.5	8675.4	9423.8
17.5°	714.2	989.1	1372.6	1961.9	3109.0	4811.8	6433.7	7872.1	9002.4	9834.3	10497.8
15°	812.6	1145.5	1642.5	2647.9	4213.6	6033.6	7696.0	8979.1	9957.2	10731.4	11328.0
12.5°	928.8	1321.2	1958.0	3240.6	5229.3	7041.5	8592.2	9790.4	10732.3	11458.0	12257.6
10°	1032.3	1510.1	2409.9	4030.3	6063.4	7833.6	9339.5	10416.4	11360.9	12306.6	13505.5
7.5°	1117.7	1668.8	2780.6	4696.7	6703.8	8419.6	9791.5	10867.5	11908.4	13171.4	14900.6
5°	1185.6	1788.4	3085.6	5199.8	7169.3	8837.8	10136.7	11227.3	12403.1	14092.6	16413.2
2.5°	1231.0	1866.7	3276.3	5503.7	7463.0	9077.7	10392.6	11462.7	12695.5	14608.3	17032.7
0°	1249.0	1902.9	3227.9	5558.8	7480.8	9155.8	10430.7	11550.7	12778.7	14694.6	17146.5
-2.5°	1231.0	1866.7	3276.3	5503.7	7463.0	9077.7	10392.6	11462.7	12695.5	14608.3	17032.7
-5°	1185.6	1788.4	3085.6	5199.8	7169.3	8837.8	10136.7	11227.3	12403.1	14092.6	16413.2
-7.5°	1117.7	1668.8	2780.6	4696.7	6703.8	8419.6	9791.5	10867.5	11908.4	13171.4	14900.6
-10°	1032.3	1510.1	2409.9	4030.3	6063.4	7833.6	9339.5	10416.4	11360.9	12306.6	13505.5
-12.5°	928.8	1321.2	1958.0	3240.6	5229.3	7041.5	8592.2	9790.4	10732.3	11458.0	12257.6
-15°	812.6	1145.5	1642.5	2647.9	4213.6	6033.6	7696.0	8979.1	9957.2	10731.4	11328.0
-17.5°	714.2	989.1	1372.6	1961.9	3109.0	4811.8	6433.7	7872.1	9002.4	9834.3	10497.8
-20°	608.8	819.2	1121.5	1548.5	2295.9	3400.9	4974.2	6429.5	7728.5	8675.4	9423.8



REPORT NUMBER: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	527.4	695.2	920.1	1199.5	1638.4	2392.9	3372.9	4791.0	6062.8	7162.7	8009.8
-25°	453.9	568.7	746.9	971.4	1242.6	1632.3	2263.5	3068.7	4209.2	5299.8	6171.6
-27.5°	390.1	484.1	596.8	763.9	969.9	1186.4	1509.2	1896.2	2601.4	3215.9	4030.4
-30°	330.9	404.1	493.7	596.7	742.0	903.5	1085.6	1315.8	1589.3	1915.1	2352.1
-32.5°	287.9	337.0	403.6	482.6	562.8	680.2	790.9	941.0	1075.9	1244.2	1425.2
-35°	251.2	287.4	329.9	388.3	448.7	516.7	588.4	680.8	762.1	857.5	947.2
-37.5°	231.0	248.9	278.9	313.8	360.0	404.4	453.4	501.0	541.6	603.0	651.0
-40°	217.4	227.0	243.0	262.5	292.9	320.0	355.6	386.0	414.6	444.9	467.7
-42.5°	208.0	214.5	221.6	233.7	246.7	263.5	284.9	303.1	324.4	344.2	358.6
-45°	202.3	206.1	210.0	216.2	221.7	231.1	240.0	247.4	261.2	273.9	283.8
-47.5°	203.4	201.8	203.8	206.4	208.7	213.0	216.8	220.6	226.4	231.0	234.7
-50°	207.4	205.0	203.7	202.1	202.4	203.5	204.3	206.3	208.7	210.5	212.0
-52.5°	212.5	210.5	208.1	205.4	203.3	201.2	199.1	199.5	200.2	200.6	200.9
-55°	209.0	211.1	213.4	211.6	208.7	206.0	203.6	201.9	200.3	198.9	197.7
-57.5°	195.8	203.1	208.4	209.6	210.7	211.7	211.1	209.4	207.6	205.8	204.4
-60°	176.8	185.3	191.5	196.9	201.8	206.1	207.8	209.5	210.8	212.0	213.5
-62.5°	155.0	162.7	169.7	176.0	181.7	186.2	191.1	195.6	199.6	203.2	206.9
-65°	133.7	140.5	146.7	152.4	157.5	162.3	167.4	172.2	176.5	180.0	182.7
-67.5°	114.9	120.2	124.9	129.5	134.1	138.4	142.5	146.3	149.8	152.5	154.2
-70°	96.5	101.1	104.9	108.4	111.8	115.3	118.7	121.6	124.2	126.3	128.0
-72.5°	78.7	82.3	85.5	88.6	91.3	94.1	96.9	99.3	101.5	103.2	104.5
-75°	62.1	64.8	67.4	69.8	72.0	74.3	76.5	78.5	80.4	81.6	82.5
-77.5°	46.7	48.7	50.7	52.4	54.0	55.6	57.0	58.4	59.5	60.5	61.1
-80°	33.3	34.8	36.1	37.3	38.3	39.2	40.0	40.6	41.1	42.1	43.1
-82.5°	21.4	22.5	23.5	24.5	25.3	26.0	26.6	27.2	27.7	28.1	28.4
-85°	11.7	12.3	12.8	13.4	13.9	14.3	14.7	15.0	15.2	15.5	15.7
-87.5°	4.9	4.9	4.8	4.7	4.5	4.6	4.7	4.8	4.8	5.1	5.4
-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: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-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°	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.8
85°	15.8	15.9	16.5	17.0	16.5	15.9	15.8	15.7	15.5	15.2	15.0
82.5°	28.7	28.9	29.0	29.0	29.0	28.9	28.7	28.4	28.1	27.7	27.2
80°	43.9	44.7	44.4	44.0	44.4	44.7	43.9	43.1	42.1	41.1	40.6
77.5°	61.5	61.7	61.4	61.0	61.4	61.7	61.5	61.1	60.5	59.5	58.4
75°	83.1	83.5	83.9	84.0	83.9	83.5	83.1	82.5	81.6	80.4	78.5
72.5°	105.6	106.4	106.4	106.0	106.4	106.4	105.6	104.5	103.2	101.5	99.3
70°	129.3	130.2	130.8	131.0	130.8	130.2	129.3	128.0	126.3	124.2	121.6
67.5°	155.5	156.1	156.8	157.0	156.8	156.1	155.5	154.2	152.5	149.8	146.3
65°	184.9	186.7	187.2	187.0	187.2	186.7	184.9	182.7	180.0	176.5	172.2
62.5°	210.4	213.4	214.7	215.0	214.7	213.4	210.4	206.9	203.2	199.6	195.6
60°	214.7	215.7	216.0	216.0	216.0	215.7	214.7	213.5	212.0	210.8	209.5
57.5°	203.1	201.9	201.2	201.0	201.2	201.9	203.1	204.4	205.8	207.6	209.4
55°	196.6	195.6	195.1	195.0	195.1	195.6	196.6	197.7	198.9	200.3	201.9
52.5°	201.0	200.9	201.3	202.0	201.3	200.9	201.0	200.9	200.6	200.2	199.5
50°	213.3	214.1	215.1	216.0	215.1	214.1	213.3	212.0	210.5	208.7	206.3
47.5°	237.3	238.7	239.5	240.0	239.5	238.7	237.3	234.7	231.0	226.4	220.6
45°	290.3	293.8	295.5	296.0	295.5	293.8	290.3	283.8	273.9	261.2	247.4
42.5°	368.1	373.3	375.6	376.0	375.6	373.3	368.1	358.6	344.2	324.4	303.1
40°	484.0	493.3	497.8	501.0	497.8	493.3	484.0	467.7	444.9	414.6	386.0
37.5°	687.0	710.3	723.6	735.0	723.6	710.3	687.0	651.0	603.0	541.6	501.0
35°	1020.2	1073.7	1105.2	1112.0	1105.2	1073.7	1020.2	947.2	857.5	762.1	680.8
32.5°	1564.6	1669.5	1732.2	1740.0	1732.2	1669.5	1564.6	1425.2	1244.2	1075.9	941.0
30°	2691.4	2985.2	3186.6	3158.9	3186.6	2985.2	2691.4	2352.1	1915.1	1589.3	1315.8
27.5°	4697.6	5230.5	5576.6	5547.8	5576.6	5230.5	4697.6	4030.4	3215.9	2601.4	1896.2
25°	6841.9	7332.4	7621.9	7728.8	7621.9	7332.4	6841.9	6171.6	5299.8	4209.2	3068.7
22.5°	8592.9	9031.4	9281.8	9431.7	9281.8	9031.4	8592.9	8009.8	7162.7	6062.8	4791.0
20°	9934.5	10314.8	10530.2	10622.7	10530.2	10314.8	9934.5	9423.8	8675.4	7728.5	6429.5
17.5°	10966.7	11285.0	11528.9	11591.7	11528.9	11285.0	10966.7	10497.8	9834.3	9002.4	7872.1
15°	11879.7	12290.9	12578.5	12685.7	12578.5	12290.9	11879.7	11328.0	10731.4	9957.2	8979.1
12.5°	13030.9	13745.9	14126.0	14213.6	14126.0	13745.9	13030.9	12257.6	11458.0	10732.3	9790.4
10°	14732.5	15831.5	15956.1	15785.6	15956.1	15831.5	14732.5	13505.5	12306.6	11360.9	10416.4
7.5°	17210.7	18676.1	18359.3	17831.5	18359.3	18676.1	17210.7	14900.6	13171.4	11908.4	10867.5
5°	18984.1	21018.7	21081.9	20694.4	21081.9	21018.7	18984.1	16413.2	14092.6	12403.1	11227.3
2.5°	19690.2	21784.6	22827.0	22997.9	22827.0	21784.6	19690.2	17032.7	14608.3	12695.5	11462.7
0°	19743.0	22031.4	23267.4	23574.4	23267.4	22031.4	19743.0	17146.5	14694.6	12778.7	11550.7
-2.5°	19690.2	21784.6	22827.0	22997.9	22827.0	21784.6	19690.2	17032.7	14608.3	12695.5	11462.7
-5°	18984.1	21018.7	21081.9	20694.4	21081.9	21018.7	18984.1	16413.2	14092.6	12403.1	11227.3
-7.5°	17210.7	18676.1	18359.3	17831.5	18359.3	18676.1	17210.7	14900.6	13171.4	11908.4	10867.5
-10°	14732.5	15831.5	15956.1	15785.6	15956.1	15831.5	14732.5	13505.5	12306.6	11360.9	10416.4
-12.5°	13030.9	13745.9	14126.0	14213.6	14126.0	13745.9	13030.9	12257.6	11458.0	10732.3	9790.4
-15°	11879.7	12290.9	12578.5	12685.7	12578.5	12290.9	11879.7	11328.0	10731.4	9957.2	8979.1
-17.5°	10966.7	11285.0	11528.9	11591.7	11528.9	11285.0	10966.7	10497.8	9834.3	9002.4	7872.1
-20°	9934.5	10314.8	10530.2	10622.7	10530.2	10314.8	9934.5	9423.8	8675.4	7728.5	6429.5



REPORT NUMBER: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8592.9	9031.4	9281.8	9431.7	9281.8	9031.4	8592.9	8009.8	7162.7	6062.8	4791.0
-25°	6841.9	7332.4	7621.9	7728.8	7621.9	7332.4	6841.9	6171.6	5299.8	4209.2	3068.7
-27.5°	4697.6	5230.5	5576.6	5547.8	5576.6	5230.5	4697.6	4030.4	3215.9	2601.4	1896.2
-30°	2691.4	2985.2	3186.6	3158.9	3186.6	2985.2	2691.4	2352.1	1915.1	1589.3	1315.8
-32.5°	1564.6	1669.5	1732.2	1740.0	1732.2	1669.5	1564.6	1425.2	1244.2	1075.9	941.0
-35°	1020.2	1073.7	1105.2	1112.0	1105.2	1073.7	1020.2	947.2	857.5	762.1	680.8
-37.5°	687.0	710.3	723.6	735.0	723.6	710.3	687.0	651.0	603.0	541.6	501.0
-40°	484.0	493.3	497.8	501.0	497.8	493.3	484.0	467.7	444.9	414.6	386.0
-42.5°	368.1	373.3	375.6	376.0	375.6	373.3	368.1	358.6	344.2	324.4	303.1
-45°	290.3	293.8	295.5	296.0	295.5	293.8	290.3	283.8	273.9	261.2	247.4
-47.5°	237.3	238.7	239.5	240.0	239.5	238.7	237.3	234.7	231.0	226.4	220.6
-50°	213.3	214.1	215.1	216.0	215.1	214.1	213.3	212.0	210.5	208.7	206.3
-52.5°	201.0	200.9	201.3	202.0	201.3	200.9	201.0	200.9	200.6	200.2	199.5
-55°	196.6	195.6	195.1	195.0	195.1	195.6	196.6	197.7	198.9	200.3	201.9
-57.5°	203.1	201.9	201.2	201.0	201.2	201.9	203.1	204.4	205.8	207.6	209.4
-60°	214.7	215.7	216.0	216.0	216.0	215.7	214.7	213.5	212.0	210.8	209.5
-62.5°	210.4	213.4	214.7	215.0	214.7	213.4	210.4	206.9	203.2	199.6	195.6
-65°	184.9	186.7	187.2	187.0	187.2	186.7	184.9	182.7	180.0	176.5	172.2
-67.5°	155.5	156.1	156.8	157.0	156.8	156.1	155.5	154.2	152.5	149.8	146.3
-70°	129.3	130.2	130.8	131.0	130.8	130.2	129.3	128.0	126.3	124.2	121.6
-72.5°	105.6	106.4	106.4	106.0	106.4	106.4	105.6	104.5	103.2	101.5	99.3
-75°	83.1	83.5	83.9	84.0	83.9	83.5	83.1	82.5	81.6	80.4	78.5
-77.5°	61.5	61.7	61.4	61.0	61.4	61.7	61.5	61.1	60.5	59.5	58.4
-80°	43.9	44.7	44.4	44.0	44.4	44.7	43.9	43.1	42.1	41.1	40.6
-82.5°	28.7	28.9	29.0	29.0	29.0	28.9	28.7	28.4	28.1	27.7	27.2
-85°	15.8	15.9	16.5	17.0	16.5	15.9	15.8	15.7	15.5	15.2	15.0
-87.5°	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.8
-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: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-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°	4.7	4.6	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	4.2
85°	14.7	14.3	13.9	13.4	12.8	12.3	11.7	11.3	10.8	10.3	9.7
82.5°	26.6	26.0	25.3	24.5	23.5	22.5	21.4	20.3	19.1	17.9	16.7
80°	40.0	39.2	38.3	37.3	36.1	34.8	33.3	31.7	30.0	28.2	26.5
77.5°	57.0	55.6	54.0	52.4	50.7	48.7	46.7	44.6	42.5	40.3	37.8
75°	76.5	74.3	72.0	69.8	67.4	64.8	62.1	59.4	56.5	53.5	50.0
72.5°	96.9	94.1	91.3	88.6	85.5	82.3	78.7	74.9	71.1	67.3	63.2
70°	118.7	115.3	111.8	108.4	104.9	101.1	96.5	91.4	86.1	81.1	76.3
67.5°	142.5	138.4	134.1	129.5	124.9	120.2	114.9	109.2	103.1	96.8	90.4
65°	167.4	162.3	157.5	152.4	146.7	140.5	133.7	127.1	120.4	113.3	105.7
62.5°	191.1	186.2	181.7	176.0	169.7	162.7	155.0	147.1	138.7	130.0	121.6
60°	207.8	206.1	201.8	196.9	191.5	185.3	176.8	167.8	158.2	148.4	138.1
57.5°	211.1	211.7	210.7	209.6	208.4	203.1	195.8	188.0	178.2	167.0	155.2
55°	203.6	206.0	208.7	211.6	213.4	211.1	209.0	204.2	195.3	185.8	173.2
52.5°	199.1	201.2	203.3	205.4	208.1	210.5	212.5	210.3	208.4	200.3	189.7
50°	204.3	203.5	202.4	202.1	203.7	205.0	207.4	210.2	211.4	209.1	203.1
47.5°	216.8	213.0	208.7	206.4	203.8	201.8	203.4	205.5	209.3	212.4	209.5
45°	240.0	231.1	221.7	216.2	210.0	206.1	202.3	202.9	205.5	209.2	213.0
42.5°	284.9	263.5	246.7	233.7	221.6	214.5	208.0	204.2	203.2	206.0	209.3
40°	355.6	320.0	292.9	262.5	243.0	227.0	217.4	209.3	205.2	204.0	205.9
37.5°	453.4	404.4	360.0	313.8	278.9	248.9	231.0	218.7	209.7	205.0	203.5
35°	588.4	516.7	448.7	388.3	329.9	287.4	251.2	231.4	218.0	208.4	203.1
32.5°	790.9	680.2	562.8	482.6	403.6	337.0	287.9	249.8	227.3	214.6	206.2
30°	1085.6	903.5	742.0	596.7	493.7	404.1	330.9	278.7	242.3	221.2	209.8
27.5°	1509.2	1186.4	969.9	763.9	596.8	484.1	390.1	312.2	260.2	232.1	215.5
25°	2263.5	1632.3	1242.6	971.4	746.9	568.7	453.9	360.2	289.0	243.5	220.6
22.5°	3372.9	2392.9	1638.4	1199.5	920.1	695.2	527.4	410.2	316.1	260.4	229.6
20°	4974.2	3400.9	2295.9	1548.5	1121.5	819.2	608.8	466.6	358.5	283.0	238.5
17.5°	6433.7	4811.8	3109.0	1961.9	1372.6	989.1	714.2	520.8	394.9	303.2	246.5
15°	7696.0	6033.6	4213.6	2647.9	1642.5	1145.5	812.6	569.4	429.3	327.3	261.5
12.5°	8592.2	7041.5	5229.3	3240.6	1958.0	1321.2	928.8	647.4	466.5	351.2	275.1
10°	9339.5	7833.6	6063.4	4030.3	2409.9	1510.1	1032.3	712.8	498.1	369.5	285.9
7.5°	9791.5	8419.6	6703.8	4696.7	2780.6	1668.8	1117.7	761.7	523.5	382.6	293.8
5°	10136.7	8837.8	7169.3	5199.8	3085.6	1788.4	1185.6	794.5	542.0	390.6	298.9
2.5°	10392.6	9077.7	7463.0	5503.7	3276.3	1866.7	1231.0	817.8	551.1	397.6	303.2
0°	10430.7	9155.8	7480.8	5558.8	3227.9	1902.9	1249.0	832.0	551.0	401.0	305.0
-2.5°	10392.6	9077.7	7463.0	5503.7	3276.3	1866.7	1231.0	817.8	551.1	397.6	303.2
-5°	10136.7	8837.8	7169.3	5199.8	3085.6	1788.4	1185.6	794.5	542.0	390.6	298.9
-7.5°	9791.5	8419.6	6703.8	4696.7	2780.6	1668.8	1117.7	761.7	523.5	382.6	293.8
-10°	9339.5	7833.6	6063.4	4030.3	2409.9	1510.1	1032.3	712.8	498.1	369.5	285.9
-12.5°	8592.2	7041.5	5229.3	3240.6	1958.0	1321.2	928.8	647.4	466.5	351.2	275.1
-15°	7696.0	6033.6	4213.6	2647.9	1642.5	1145.5	812.6	569.4	429.3	327.3	261.5
-17.5°	6433.7	4811.8	3109.0	1961.9	1372.6	989.1	714.2	520.8	394.9	303.2	246.5
-20°	4974.2	3400.9	2295.9	1548.5	1121.5	819.2	608.8	466.6	358.5	283.0	238.5





REPORT NUMBER: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3372.9	2392.9	1638.4	1199.5	920.1	695.2	527.4	410.2	316.1	260.4	229.6
-25°	2263.5	1632.3	1242.6	971.4	746.9	568.7	453.9	360.2	289.0	243.5	220.6
-27.5°	1509.2	1186.4	969.9	763.9	596.8	484.1	390.1	312.2	260.2	232.1	215.5
-30°	1085.6	903.5	742.0	596.7	493.7	404.1	330.9	278.7	242.3	221.2	209.8
-32.5°	790.9	680.2	562.8	482.6	403.6	337.0	287.9	249.8	227.3	214.6	206.2
-35°	588.4	516.7	448.7	388.3	329.9	287.4	251.2	231.4	218.0	208.4	203.1
-37.5°	453.4	404.4	360.0	313.8	278.9	248.9	231.0	218.7	209.7	205.0	203.5
-40°	355.6	320.0	292.9	262.5	243.0	227.0	217.4	209.3	205.2	204.0	205.9
-42.5°	284.9	263.5	246.7	233.7	221.6	214.5	208.0	204.2	203.2	206.0	209.3
-45°	240.0	231.1	221.7	216.2	210.0	206.1	202.3	202.9	205.5	209.2	213.0
-47.5°	216.8	213.0	208.7	206.4	203.8	201.8	203.4	205.5	209.3	212.4	209.5
-50°	204.3	203.5	202.4	202.1	203.7	205.0	207.4	210.2	211.4	209.1	203.1
-52.5°	199.1	201.2	203.3	205.4	208.1	210.5	212.5	210.3	208.4	200.3	189.7
-55°	203.6	206.0	208.7	211.6	213.4	211.1	209.0	204.2	195.3	185.8	173.2
-57.5°	211.1	211.7	210.7	209.6	208.4	203.1	195.8	188.0	178.2	167.0	155.2
-60°	207.8	206.1	201.8	196.9	191.5	185.3	176.8	167.8	158.2	148.4	138.1
-62.5°	191.1	186.2	181.7	176.0	169.7	162.7	155.0	147.1	138.7	130.0	121.6
-65°	167.4	162.3	157.5	152.4	146.7	140.5	133.7	127.1	120.4	113.3	105.7
-67.5°	142.5	138.4	134.1	129.5	124.9	120.2	114.9	109.2	103.1	96.8	90.4
-70°	118.7	115.3	111.8	108.4	104.9	101.1	96.5	91.4	86.1	81.1	76.3
-72.5°	96.9	94.1	91.3	88.6	85.5	82.3	78.7	74.9	71.1	67.3	63.2
-75°	76.5	74.3	72.0	69.8	67.4	64.8	62.1	59.4	56.5	53.5	50.0
-77.5°	57.0	55.6	54.0	52.4	50.7	48.7	46.7	44.6	42.5	40.3	37.8
-80°	40.0	39.2	38.3	37.3	36.1	34.8	33.3	31.7	30.0	28.2	26.5
-82.5°	26.6	26.0	25.3	24.5	23.5	22.5	21.4	20.3	19.1	17.9	16.7
-85°	14.7	14.3	13.9	13.4	12.8	12.3	11.7	11.3	10.8	10.3	9.7
-87.5°	4.7	4.6	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	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: P558772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-MR-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	9.2	8.7	8.1	7.5	6.7	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	15.6	14.8	14.0	13.2	12.1	11.0	9.8	8.7	7.5	6.2	5.4
80°	24.8	23.1	21.4	19.7	17.8	15.9	14.4	12.9	11.4	9.8	8.1
77.5°	35.1	32.3	29.5	27.0	24.5	22.0	19.6	17.2	15.3	13.4	11.3
75°	46.2	42.6	39.1	35.5	31.8	28.1	25.1	22.2	19.5	16.9	14.5
72.5°	58.7	54.1	49.3	44.3	39.9	35.4	31.1	27.1	23.8	20.7	17.7
70°	71.3	65.9	60.4	54.7	48.7	42.8	37.7	32.9	28.1	24.4	20.9
67.5°	83.9	78.0	71.8	65.0	58.3	51.5	44.5	38.8	33.5	28.1	24.0
65°	98.3	90.8	83.2	75.9	68.1	60.2	52.6	45.2	38.8	32.9	27.1
62.5°	112.9	104.1	95.5	86.8	78.2	69.5	60.6	52.5	44.4	37.5	30.9
60°	127.9	118.1	107.8	98.0	88.4	78.8	69.1	59.7	50.8	42.1	34.9
57.5°	143.8	132.2	120.9	109.4	98.5	88.0	77.5	67.1	57.2	47.5	38.8
55°	159.8	146.9	133.9	121.4	108.8	97.0	85.7	74.3	63.4	53.0	42.6
52.5°	176.8	161.8	147.2	133.2	119.6	106.1	93.9	81.3	69.6	58.3	47.2
50°	191.5	177.1	160.7	145.2	130.3	116.0	102.0	88.7	75.6	63.5	51.7
47.5°	203.6	190.0	174.3	157.0	140.9	125.5	110.5	95.9	81.3	68.5	56.0
45°	208.7	201.1	186.2	169.0	151.3	135.0	118.9	103.0	87.6	73.3	60.1
42.5°	211.7	206.9	196.4	180.3	162.1	144.3	127.1	110.3	93.8	78.0	64.1
40°	208.8	209.7	204.3	189.8	172.7	153.2	135.2	117.3	99.8	82.7	68.0
37.5°	205.5	209.0	206.9	199.1	182.5	162.6	142.9	124.1	105.6	87.8	71.7
35°	203.4	206.0	209.6	204.4	190.5	171.6	150.2	130.5	111.2	92.5	75.2
32.5°	201.6	203.5	207.6	206.8	198.0	180.1	157.7	136.7	116.5	97.0	78.6
30°	203.2	202.1	205.2	208.9	203.6	186.7	164.9	142.5	121.5	101.1	81.9
27.5°	205.5	200.6	203.2	207.9	205.4	192.7	171.5	147.9	126.1	105.0	85.2
25°	208.3	201.5	201.8	206.0	206.9	198.1	177.6	152.8	130.4	108.7	88.3
22.5°	212.6	203.2	200.5	204.2	208.4	203.0	182.5	157.8	134.4	112.1	91.0
20°	216.4	204.5	199.1	202.5	208.2	204.3	186.6	162.3	138.1	115.2	93.5
17.5°	220.4	206.6	199.9	201.4	206.7	205.4	190.3	166.2	141.3	117.9	95.7
15°	226.9	209.4	200.9	200.4	205.4	206.3	193.5	169.5	144.0	120.2	97.6
12.5°	232.4	211.7	201.6	199.6	204.1	207.1	196.3	172.3	146.4	122.2	99.2
10°	236.9	213.6	202.1	199.0	203.0	207.8	198.7	174.8	148.5	123.7	100.6
7.5°	240.4	215.0	202.4	198.4	202.0	208.3	200.8	177.4	150.3	124.9	101.6
5°	242.9	216.5	203.1	198.2	201.4	208.7	202.4	179.5	151.6	125.6	102.4
2.5°	245.0	218.5	204.1	198.0	201.1	208.9	203.5	181.0	152.6	126.0	102.8
0°	246.0	220.0	205.0	198.0	201.0	209.0	204.0	182.0	153.0	126.0	103.0
-2.5°	245.0	218.5	204.1	198.0	201.1	208.9	203.5	181.0	152.6	126.0	102.8
-5°	242.9	216.5	203.1	198.2	201.4	208.7	202.4	179.5	151.6	125.6	102.4
-7.5°	240.4	215.0	202.4	198.4	202.0	208.3	200.8	177.4	150.3	124.9	101.6
-10°	236.9	213.6	202.1	199.0	203.0	207.8	198.7	174.8	148.5	123.7	100.6
-12.5°	232.4	211.7	201.6	199.6	204.1	207.1	196.3	172.3	146.4	122.2	99.2
-15°	226.9	209.4	200.9	200.4	205.4	206.3	193.5	169.5	144.0	120.2	97.6
-17.5°	220.4	206.6	199.9	201.4	206.7	205.4	190.3	166.2	141.3	117.9	95.7
-20°	216.4	204.5	199.1	202.5	208.2	204.3	186.6	162.3	138.1	115.2	93.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	212.6	203.2	200.5	204.2	208.4	203.0	182.5	157.8	134.4	112.1	91.0
-25°	208.3	201.5	201.8	206.0	206.9	198.1	177.6	152.8	130.4	108.7	88.3
-27.5°	205.5	200.6	203.2	207.9	205.4	192.7	171.5	147.9	126.1	105.0	85.2
-30°	203.2	202.1	205.2	208.9	203.6	186.7	164.9	142.5	121.5	101.1	81.9
-32.5°	201.6	203.5	207.6	206.8	198.0	180.1	157.7	136.7	116.5	97.0	78.6
-35°	203.4	206.0	209.6	204.4	190.5	171.6	150.2	130.5	111.2	92.5	75.2
-37.5°	205.5	209.0	206.9	199.1	182.5	162.6	142.9	124.1	105.6	87.8	71.7
-40°	208.8	209.7	204.3	189.8	172.7	153.2	135.2	117.3	99.8	82.7	68.0
-42.5°	211.7	206.9	196.4	180.3	162.1	144.3	127.1	110.3	93.8	78.0	64.1
-45°	208.7	201.1	186.2	169.0	151.3	135.0	118.9	103.0	87.6	73.3	60.1
-47.5°	203.6	190.0	174.3	157.0	140.9	125.5	110.5	95.9	81.3	68.5	56.0
-50°	191.5	177.1	160.7	145.2	130.3	116.0	102.0	88.7	75.6	63.5	51.7
-52.5°	176.8	161.8	147.2	133.2	119.6	106.1	93.9	81.3	69.6	58.3	47.2
-55°	159.8	146.9	133.9	121.4	108.8	97.0	85.7	74.3	63.4	53.0	42.6
-57.5°	143.8	132.2	120.9	109.4	98.5	88.0	77.5	67.1	57.2	47.5	38.8
-60°	127.9	118.1	107.8	98.0	88.4	78.8	69.1	59.7	50.8	42.1	34.9
-62.5°	112.9	104.1	95.5	86.8	78.2	69.5	60.6	52.5	44.4	37.5	30.9
-65°	98.3	90.8	83.2	75.9	68.1	60.2	52.6	45.2	38.8	32.9	27.1
-67.5°	83.9	78.0	71.8	65.0	58.3	51.5	44.5	38.8	33.5	28.1	24.0
-70°	71.3	65.9	60.4	54.7	48.7	42.8	37.7	32.9	28.1	24.4	20.9
-72.5°	58.7	54.1	49.3	44.3	39.9	35.4	31.1	27.1	23.8	20.7	17.7
-75°	46.2	42.6	39.1	35.5	31.8	28.1	25.1	22.2	19.5	16.9	14.5
-77.5°	35.1	32.3	29.5	27.0	24.5	22.0	19.6	17.2	15.3	13.4	11.3
-80°	24.8	23.1	21.4	19.7	17.8	15.9	14.4	12.9	11.4	9.8	8.1
-82.5°	15.6	14.8	14.0	13.2	12.1	11.0	9.8	8.7	7.5	6.2	5.4
-85°	9.2	8.7	8.1	7.5	6.7	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	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



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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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	9.1	6.8	5.2	3.9	2.6	1.3	0.0
75°	11.9	9.0	6.3	4.6	3.1	1.6	0.0
72.5°	14.6	11.3	8.1	5.4	3.6	1.8	0.0
70°	17.3	13.5	9.8	6.2	4.1	2.1	0.0
67.5°	20.0	15.6	11.5	7.5	4.6	2.3	0.0
65°	22.6	17.8	13.1	8.7	5.1	2.5	0.0
62.5°	25.3	20.1	14.7	9.9	5.5	2.8	0.0
60°	27.9	22.3	16.3	11.0	6.0	3.0	0.0
57.5°	31.2	24.5	18.1	12.2	6.7	3.2	0.0
55°	34.5	26.7	19.9	13.3	7.5	3.4	0.0
52.5°	37.7	28.9	21.6	14.3	8.2	3.7	0.0
50°	40.8	31.5	23.3	15.3	8.9	3.9	0.0
47.5°	43.9	34.0	24.9	16.4	9.6	4.1	0.0
45°	47.4	36.4	26.5	17.6	10.3	4.2	0.0
42.5°	50.7	38.7	28.1	18.7	10.9	4.4	0.0
40°	53.8	41.0	29.7	19.9	11.5	4.6	0.0
37.5°	56.8	43.1	31.4	20.9	12.1	4.8	0.0
35°	59.5	45.3	33.0	21.9	12.6	4.9	0.0
32.5°	62.2	47.4	34.5	22.9	13.2	5.1	0.0
30°	64.8	49.4	35.9	23.7	13.7	5.2	0.0
27.5°	67.3	51.3	37.1	24.5	14.2	5.3	0.0
25°	69.6	52.9	38.2	25.2	14.6	5.4	0.0
22.5°	71.7	54.4	39.2	25.8	15.0	5.5	0.0
20°	73.6	55.7	40.0	26.3	15.4	5.6	0.0
17.5°	75.3	56.8	40.8	26.8	15.7	5.7	0.0
15°	76.8	57.7	41.5	27.2	16.0	5.8	0.0
12.5°	78.0	58.5	42.0	27.5	16.3	5.9	0.0
10°	79.1	59.1	42.4	27.7	16.5	5.9	0.0
7.5°	79.9	59.6	42.7	27.9	16.7	5.9	0.0
5°	80.5	59.9	42.9	28.0	16.8	6.0	0.0
2.5°	80.9	60.0	43.0	28.0	16.9	6.0	0.0
0°	81.0	60.0	43.0	28.0	17.0	6.0	0.0
-2.5°	80.9	60.0	43.0	28.0	16.9	6.0	0.0
-5°	80.5	59.9	42.9	28.0	16.8	6.0	0.0
-7.5°	79.9	59.6	42.7	27.9	16.7	5.9	0.0
-10°	79.1	59.1	42.4	27.7	16.5	5.9	0.0
-12.5°	78.0	58.5	42.0	27.5	16.3	5.9	0.0
-15°	76.8	57.7	41.5	27.2	16.0	5.8	0.0
-17.5°	75.3	56.8	40.8	26.8	15.7	5.7	0.0
-20°	73.6	55.7	40.0	26.3	15.4	5.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.7	54.4	39.2	25.8	15.0	5.5	0.0
-25°	69.6	52.9	38.2	25.2	14.6	5.4	0.0
-27.5°	67.3	51.3	37.1	24.5	14.2	5.3	0.0
-30°	64.8	49.4	35.9	23.7	13.7	5.2	0.0
-32.5°	62.2	47.4	34.5	22.9	13.2	5.1	0.0
-35°	59.5	45.3	33.0	21.9	12.6	4.9	0.0
-37.5°	56.8	43.1	31.4	20.9	12.1	4.8	0.0
-40°	53.8	41.0	29.7	19.9	11.5	4.6	0.0
-42.5°	50.7	38.7	28.1	18.7	10.9	4.4	0.0
-45°	47.4	36.4	26.5	17.6	10.3	4.2	0.0
-47.5°	43.9	34.0	24.9	16.4	9.6	4.1	0.0
-50°	40.8	31.5	23.3	15.3	8.9	3.9	0.0
-52.5°	37.7	28.9	21.6	14.3	8.2	3.7	0.0
-55°	34.5	26.7	19.9	13.3	7.5	3.4	0.0
-57.5°	31.2	24.5	18.1	12.2	6.7	3.2	0.0
-60°	27.9	22.3	16.3	11.0	6.0	3.0	0.0
-62.5°	25.3	20.1	14.7	9.9	5.5	2.8	0.0
-65°	22.6	17.8	13.1	8.7	5.1	2.5	0.0
-67.5°	20.0	15.6	11.5	7.5	4.6	2.3	0.0
-70°	17.3	13.5	9.8	6.2	4.1	2.1	0.0
-72.5°	14.6	11.3	8.1	5.4	3.6	1.8	0.0
-75°	11.9	9.0	6.3	4.6	3.1	1.6	0.0
-77.5°	9.1	6.8	5.2	3.9	2.6	1.3	0.0
-80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)