

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: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-927-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-927-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (48) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

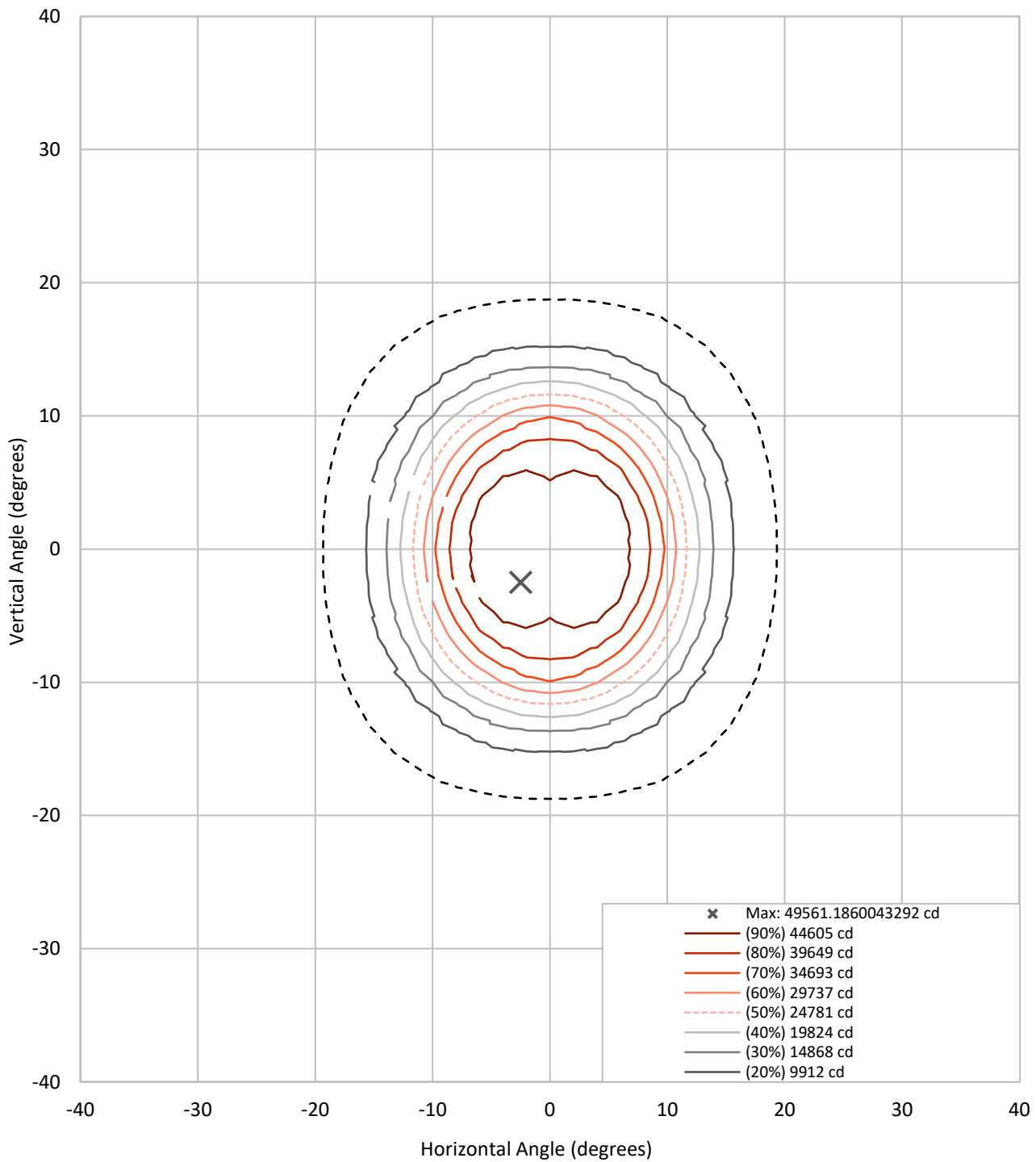
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9372 lumens	Max Intensity:	49561.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	5059.6 lumens	Field Lumens:	7630.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





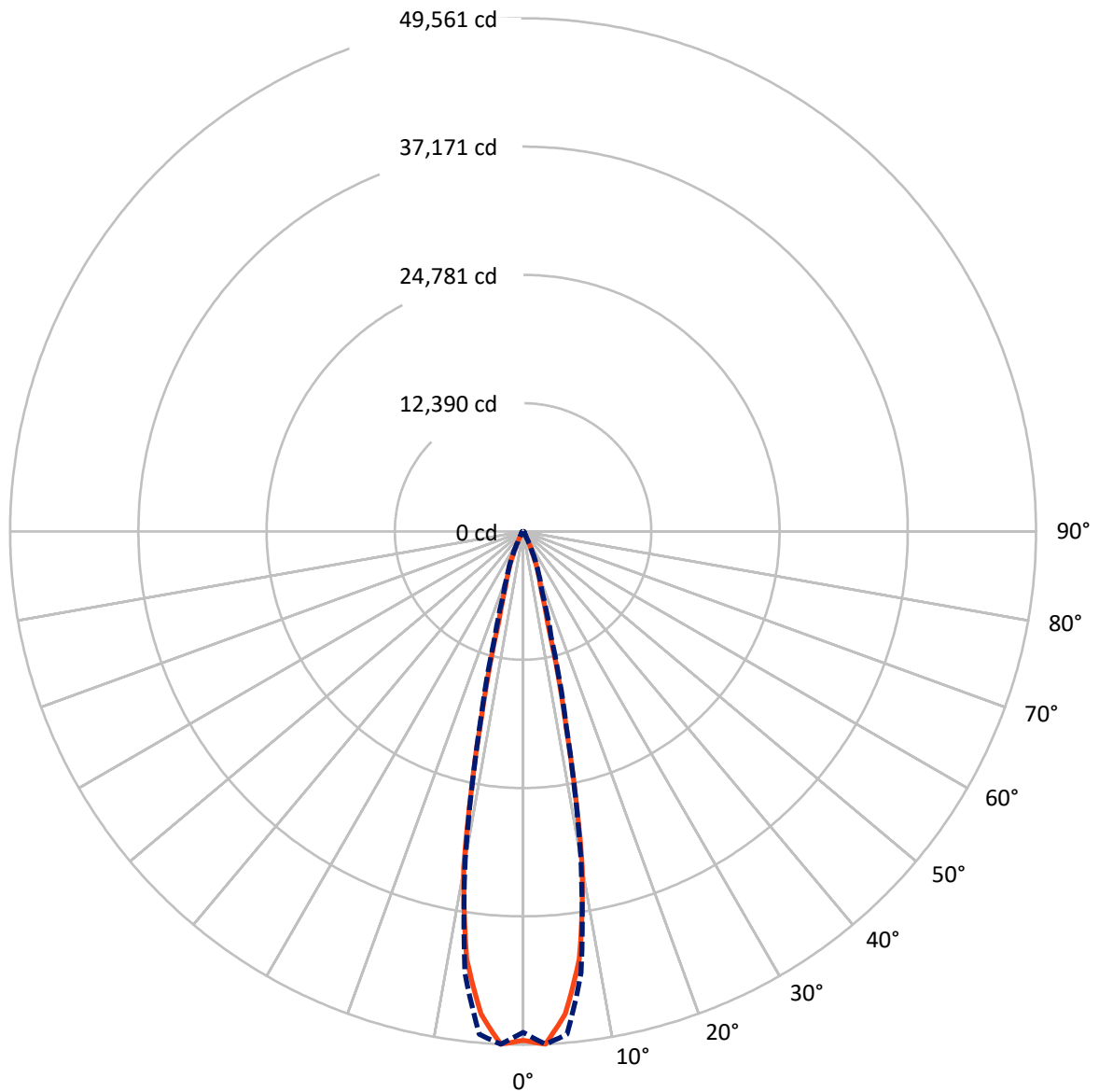
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### Lumen Table

90	0.1	0.9	2.5	4.0	4.7	4.0	2.5	0.9	0.1							
80	0.1	0.9	2.5	4.0	4.7	4.0	2.5	0.9	0.1							
70	0.4	0.5	1.0	1.6	2.3	2.8	3.2	3.4	3.4	3.2	2.8	2.3	1.6	1.0	0.5	0.4
60		0.7	1.5	2.3	3.1	3.7	4.1	4.3	4.3	4.1	3.7	3.1	2.3	1.5	0.7	
50	0.8	1.0	1.9	2.8	3.6	4.4	5.1	5.4	5.4	5.1	4.4	3.6	2.8	1.9	1.0	0.8
40		1.2	2.2	3.2	4.3	5.8	7.7	9.2	9.2	7.7	5.8	4.3	3.2	2.2	1.2	
30	1.0	1.3	2.4	3.5	5.3	9.6	28.8	56.1	56.1	28.8	9.6	5.3	3.5	2.4	1.3	1.0
20		1.4	2.5	3.7	6.6	28.4	131.2	337.4	337.4	131.2	28.4	6.6	3.7	2.5	1.4	
10	1.1	1.4	2.5	3.9	7.9	55.4	341.7	1207.1	1207.1	341.7	55.4	7.9	3.9	2.5	1.4	1.1
0		1.4	2.5	3.9	7.9	55.4	341.7	1207.1	1207.1	341.7	55.4	7.9	3.9	2.5	1.4	
-10	1.0	1.4	2.5	3.7	6.6	28.4	131.2	337.4	337.4	131.2	28.4	6.6	3.7	2.5	1.4	1.0
-20		1.3	2.4	3.5	5.3	9.6	28.8	56.1	56.1	28.8	9.6	5.3	3.5	2.4	1.3	
-30	0.8	1.2	2.2	3.2	4.3	5.8	7.7	9.2	9.2	7.7	5.8	4.3	3.2	2.2	1.2	0.8
-40		1.0	1.9	2.8	3.6	4.4	5.1	5.4	5.4	5.1	4.4	3.6	2.8	1.9	1.0	
-50	0.4	0.7	1.5	2.3	3.1	3.7	4.1	4.3	4.3	4.1	3.7	3.1	2.3	1.5	0.7	0.4
-60		0.5	1.0	1.6	2.3	2.8	3.2	3.4	3.4	3.2	2.8	2.3	1.6	1.0	0.5	
-70	0.1	0.9	2.5	4.0	4.7	4.0	2.5	0.9	0.1							
-80		0.1	0.9	2.5	4.0	4.7	4.0	2.5	0.9	0.1						
-90	0.1	0.9	2.5	4.0	4.7	4.0	2.5	0.9	0.1							

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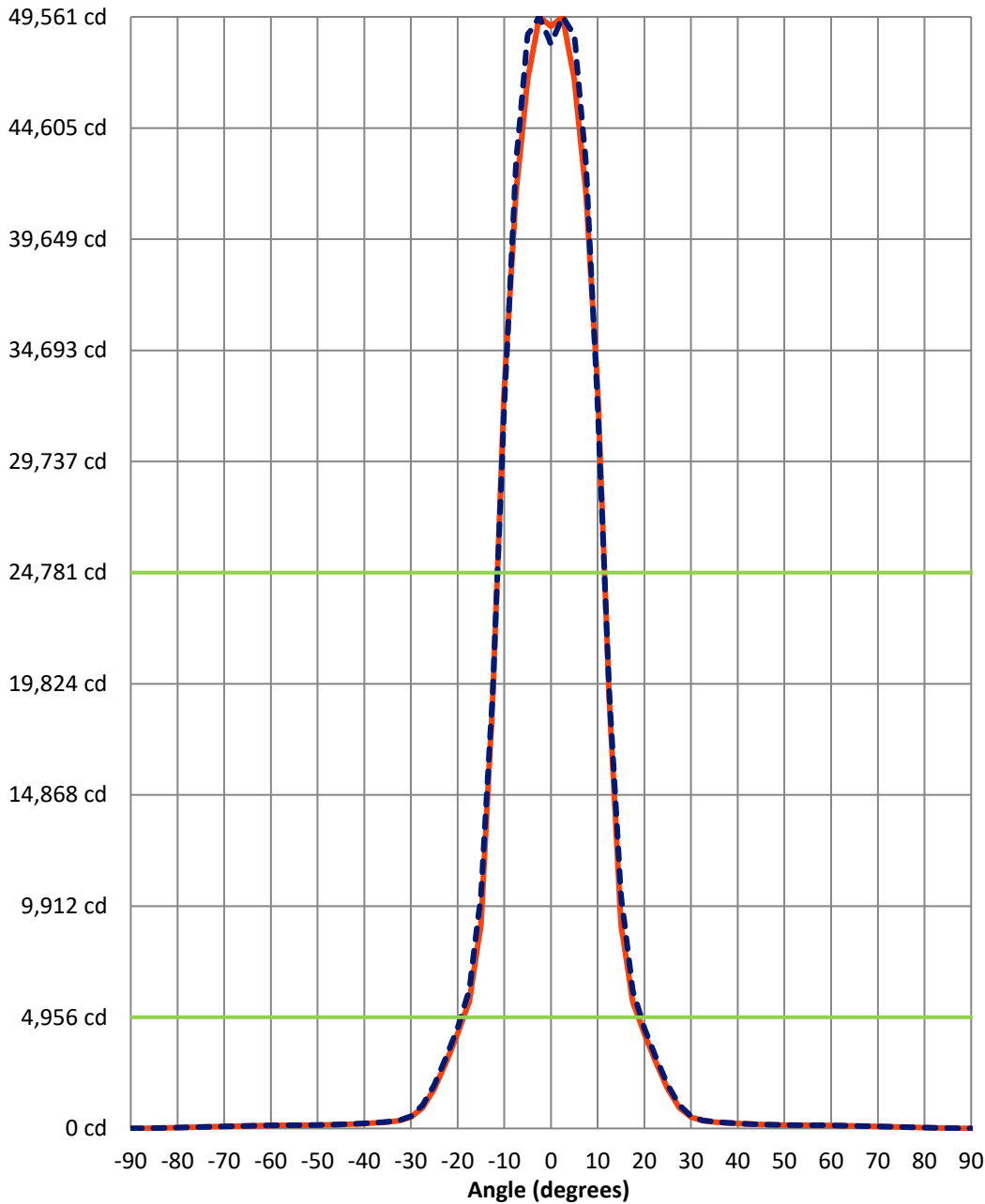
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 5059.6  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 7630.2  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 1741.8  
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.5	6.5	7.6
80°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.9	8.3	9.7	11.2
77.5°	0.0	1.1	2.3	3.4	4.6	5.9	7.5	9.2	11.0	12.9	14.9
75°	0.0	1.4	2.7	4.1	5.6	7.6	9.5	11.6	13.8	16.4	18.9
72.5°	0.0	1.6	3.2	4.8	6.9	9.3	11.5	14.0	17.2	20.1	22.9
70°	0.0	1.8	3.6	5.5	8.3	10.9	13.5	17.0	20.5	23.8	27.7
67.5°	0.0	2.0	4.1	6.5	9.7	12.6	16.1	20.0	23.8	28.2	32.5
65°	0.0	2.2	4.5	7.6	11.0	14.4	18.6	22.9	27.7	32.5	37.4
62.5°	0.0	2.4	4.9	8.6	12.3	16.5	21.0	26.0	31.4	36.8	42.5
60°	0.0	2.6	5.3	9.6	13.6	18.4	23.4	29.3	35.2	41.3	47.5
57.5°	0.0	2.8	5.9	10.5	15.1	20.3	26.1	32.5	39.0	45.8	52.4
55°	0.0	3.0	6.6	11.5	16.6	22.2	28.8	35.6	42.8	50.0	57.1
52.5°	0.0	3.2	7.2	12.4	18.0	24.0	31.3	38.8	46.6	54.2	61.7
50°	0.0	3.4	7.8	13.3	19.4	26.1	33.8	42.0	50.1	58.2	66.4
47.5°	0.0	3.6	8.3	14.2	20.7	28.1	36.3	45.1	53.6	62.1	70.9
45°	0.0	3.7	8.9	15.1	21.9	30.1	38.9	48.1	57.0	66.1	75.4
42.5°	0.0	3.9	9.4	16.0	23.1	31.9	41.4	51.0	60.2	70.0	79.3
40°	0.0	4.1	9.9	16.9	24.4	33.7	43.8	53.7	63.4	73.7	83.0
37.5°	0.0	4.2	10.4	17.7	25.7	35.4	46.0	56.3	66.6	77.1	86.5
35°	0.0	4.3	10.8	18.4	27.0	37.1	48.2	58.8	69.5	80.1	89.8
32.5°	0.0	4.5	11.3	19.1	28.2	38.8	50.3	61.1	72.3	82.8	93.1
30°	0.0	4.6	11.7	19.8	29.3	40.4	52.1	63.3	74.8	85.4	96.1
27.5°	0.0	4.7	12.0	20.4	30.4	41.9	53.9	65.3	77.1	87.7	98.7
25°	0.0	4.8	12.4	21.0	31.4	43.3	55.5	67.2	79.0	89.9	101.1
22.5°	0.0	4.9	12.7	21.5	32.3	44.6	56.9	69.0	80.8	91.9	103.2
20°	0.0	5.0	12.9	21.9	33.1	45.7	58.2	70.5	82.4	93.6	105.1
17.5°	0.0	5.1	13.2	22.3	33.9	46.7	59.4	71.9	83.8	95.1	106.7
15°	0.0	5.1	13.4	22.7	34.6	47.6	60.4	73.1	85.0	96.4	108.1
12.5°	0.0	5.2	13.6	23.0	35.2	48.4	61.2	74.0	86.1	97.4	109.2
10°	0.0	5.2	13.7	23.3	35.7	49.0	61.9	74.9	87.0	98.4	110.2
7.5°	0.0	5.3	13.9	23.4	36.1	49.4	62.4	75.5	87.6	99.3	110.9
5°	0.0	5.3	13.9	23.6	36.4	49.7	62.8	75.9	88.1	100.0	111.3
2.5°	0.0	5.3	14.0	23.7	36.7	49.9	63.0	76.2	88.4	100.5	111.4
0°	0.0	5.3	14.0	23.7	36.8	50.0	63.1	76.3	88.5	100.8	111.3
-2.5°	0.0	5.3	14.0	23.7	36.8	50.0	63.1	76.3	88.5	100.8	111.3
-5°	0.0	5.3	13.9	23.6	36.4	49.7	62.8	75.9	88.1	100.0	111.3
-7.5°	0.0	5.3	13.9	23.4	36.1	49.4	62.4	75.5	87.6	99.3	110.9
-10°	0.0	5.2	13.7	23.3	35.7	49.0	61.9	74.9	87.0	98.4	110.2
-12.5°	0.0	5.2	13.6	23.0	35.2	48.4	61.2	74.0	86.1	97.4	109.2
-15°	0.0	5.1	13.4	22.7	34.6	47.6	60.4	73.1	85.0	96.4	108.1
-17.5°	0.0	5.1	13.2	22.3	33.9	46.7	59.4	71.9	83.8	95.1	106.7
-20°	0.0	5.0	12.9	21.9	33.1	45.7	58.2	70.5	82.4	93.6	105.1



REPORT NUMBER: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	12.7	21.5	32.3	44.6	56.9	69.0	80.8	91.9	103.2
-25°	0.0	4.8	12.4	21.0	31.4	43.3	55.5	67.2	79.0	89.9	101.1
-27.5°	0.0	4.7	12.0	20.4	30.4	41.9	53.9	65.3	77.1	87.7	98.7
-30°	0.0	4.6	11.7	19.8	29.3	40.4	52.1	63.3	74.8	85.4	96.1
-32.5°	0.0	4.5	11.3	19.1	28.2	38.8	50.3	61.1	72.3	82.8	93.1
-35°	0.0	4.3	10.8	18.4	27.0	37.1	48.2	58.8	69.5	80.1	89.8
-37.5°	0.0	4.2	10.4	17.7	25.7	35.4	46.0	56.3	66.6	77.1	86.5
-40°	0.0	4.1	9.9	16.9	24.4	33.7	43.8	53.7	63.4	73.7	83.0
-42.5°	0.0	3.9	9.4	16.0	23.1	31.9	41.4	51.0	60.2	70.0	79.3
-45°	0.0	3.7	8.9	15.1	21.9	30.1	38.9	48.1	57.0	66.1	75.4
-47.5°	0.0	3.6	8.3	14.2	20.7	28.1	36.3	45.1	53.6	62.1	70.9
-50°	0.0	3.4	7.8	13.3	19.4	26.1	33.8	42.0	50.1	58.2	66.4
-52.5°	0.0	3.2	7.2	12.4	18.0	24.0	31.3	38.8	46.6	54.2	61.7
-55°	0.0	3.0	6.6	11.5	16.6	22.2	28.8	35.6	42.8	50.0	57.1
-57.5°	0.0	2.8	5.9	10.5	15.1	20.3	26.1	32.5	39.0	45.8	52.4
-60°	0.0	2.6	5.3	9.6	13.6	18.4	23.4	29.3	35.2	41.3	47.5
-62.5°	0.0	2.4	4.9	8.6	12.3	16.5	21.0	26.0	31.4	36.8	42.5
-65°	0.0	2.2	4.5	7.6	11.0	14.4	18.6	22.9	27.7	32.5	37.4
-67.5°	0.0	2.0	4.1	6.5	9.7	12.6	16.1	20.0	23.8	28.2	32.5
-70°	0.0	1.8	3.6	5.5	8.3	10.9	13.5	17.0	20.5	23.8	27.7
-72.5°	0.0	1.6	3.2	4.8	6.9	9.3	11.5	14.0	17.2	20.1	22.9
-75°	0.0	1.4	2.7	4.1	5.6	7.6	9.5	11.6	13.8	16.4	18.9
-77.5°	0.0	1.1	2.3	3.4	4.6	5.9	7.5	9.2	11.0	12.9	14.9
-80°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.9	8.3	9.7	11.2
-82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.5	6.5	7.6
-85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
-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°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2
85°	4.9	5.3	5.9	6.4	6.9	7.4	7.8	8.2	8.7	9.2	9.7
82.5°	8.5	9.4	10.2	10.9	11.6	12.2	12.8	13.7	14.8	15.8	16.7
80°	12.4	13.5	14.8	16.2	17.5	18.9	20.3	21.7	22.9	24.0	25.2
77.5°	16.7	18.5	20.3	22.1	24.0	26.1	28.1	30.1	31.9	33.6	35.3
75°	21.2	23.4	26.1	28.8	31.3	33.8	36.3	38.8	41.2	43.5	45.7
72.5°	26.0	29.3	32.5	35.6	39.0	42.2	45.2	48.0	50.9	53.9	56.6
70°	31.4	35.2	39.1	43.2	47.2	50.8	54.3	58.0	61.6	64.7	67.4
67.5°	36.8	41.5	46.1	50.8	55.1	59.2	63.5	67.5	71.3	74.5	77.6
65°	42.5	47.7	52.8	57.8	62.6	67.5	72.2	76.5	80.6	84.2	87.7
62.5°	48.1	53.7	59.3	64.8	70.4	75.8	80.7	85.3	89.8	93.7	97.5
60°	53.5	59.6	65.7	71.9	78.0	83.7	88.9	93.8	98.3	102.7	106.6
57.5°	58.9	65.4	72.1	78.7	85.1	91.3	96.6	101.8	106.4	110.8	114.9
55°	64.1	71.0	78.2	85.2	91.9	98.3	104.0	109.1	114.1	118.1	121.9
52.5°	69.3	76.6	84.1	91.4	98.3	104.8	110.7	115.9	120.4	124.5	128.0
50°	74.4	82.0	89.7	97.1	104.2	110.9	116.8	121.8	126.1	129.9	133.1
47.5°	79.2	87.2	94.8	102.6	109.7	116.3	122.2	126.9	131.1	134.5	137.5
45°	83.7	92.0	100.0	107.6	114.9	121.3	126.8	131.5	135.3	138.8	141.8
42.5°	88.0	96.7	104.8	112.3	119.5	125.8	131.1	135.5	139.4	142.8	146.2
40°	92.2	101.3	109.5	116.8	123.8	129.8	134.8	139.3	143.1	147.0	150.6
37.5°	96.2	105.5	113.9	121.4	127.6	133.4	138.2	142.7	147.1	151.3	156.2
35°	100.1	109.5	118.0	125.3	131.4	136.5	141.5	146.3	151.4	156.7	162.4
32.5°	103.7	113.3	121.9	128.7	134.4	139.5	144.7	150.5	156.5	162.5	169.5
30°	106.9	116.8	125.4	131.8	137.0	142.1	148.2	155.0	161.9	168.9	177.0
27.5°	109.7	120.0	128.1	134.2	139.4	144.3	151.1	159.8	167.4	174.8	183.8
25°	112.2	122.6	130.5	136.3	141.2	146.4	153.5	162.4	172.0	180.1	192.6
22.5°	114.5	125.0	132.8	138.2	142.6	148.2	155.4	164.2	174.0	184.3	201.5
20°	116.4	126.7	134.7	139.7	143.6	149.5	156.4	165.4	176.4	191.1	210.2
17.5°	118.0	128.4	136.1	140.8	144.9	150.4	156.8	166.1	178.9	197.3	218.3
15°	119.5	130.1	137.3	141.6	145.9	151.3	158.2	168.0	182.7	203.0	225.6
12.5°	120.6	131.8	138.4	142.4	146.5	152.0	159.8	170.9	187.2	208.7	233.8
10°	121.6	133.3	139.2	142.9	146.9	152.5	161.2	173.2	191.0	214.0	241.0
7.5°	122.4	134.5	139.8	143.3	146.9	152.7	162.2	174.9	193.7	218.3	247.0
5°	123.1	135.3	140.3	143.6	146.9	152.8	163.1	176.0	195.4	221.6	251.5
2.5°	123.5	135.7	140.8	143.8	146.7	152.8	163.7	177.6	197.5	224.1	254.2
0°	123.6	135.9	141.1	143.8	146.4	152.5	163.9	178.8	199.0	225.3	255.1
-2.5°	123.5	135.7	140.8	143.8	146.7	152.8	163.7	177.6	197.5	224.1	254.2
-5°	123.1	135.3	140.3	143.6	146.9	152.8	163.1	176.0	195.4	221.6	251.5
-7.5°	122.4	134.5	139.8	143.3	146.9	152.7	162.2	174.9	193.7	218.3	247.0
-10°	121.6	133.3	139.2	142.9	146.9	152.5	161.2	173.2	191.0	214.0	241.0
-12.5°	120.6	131.8	138.4	142.4	146.5	152.0	159.8	170.9	187.2	208.7	233.8
-15°	119.5	130.1	137.3	141.6	145.9	151.3	158.2	168.0	182.7	203.0	225.6
-17.5°	118.0	128.4	136.1	140.8	144.9	150.4	156.8	166.1	178.9	197.3	218.3
-20°	116.4	126.7	134.7	139.7	143.6	149.5	156.4	165.4	176.4	191.1	210.2



REPORT NUMBER: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	114.5	125.0	132.8	138.2	142.6	148.2	155.4	164.2	174.0	184.3	201.5
-25°	112.2	122.6	130.5	136.3	141.2	146.4	153.5	162.4	172.0	180.1	192.6
-27.5°	109.7	120.0	128.1	134.2	139.4	144.3	151.1	159.8	167.4	174.8	183.8
-30°	106.9	116.8	125.4	131.8	137.0	142.1	148.2	155.0	161.9	168.9	177.0
-32.5°	103.7	113.3	121.9	128.7	134.4	139.5	144.7	150.5	156.5	162.5	169.5
-35°	100.1	109.5	118.0	125.3	131.4	136.5	141.5	146.3	151.4	156.7	162.4
-37.5°	96.2	105.5	113.9	121.4	127.6	133.4	138.2	142.7	147.1	151.3	156.2
-40°	92.2	101.3	109.5	116.8	123.8	129.8	134.8	139.3	143.1	147.0	150.6
-42.5°	88.0	96.7	104.8	112.3	119.5	125.8	131.1	135.5	139.4	142.8	146.2
-45°	83.7	92.0	100.0	107.6	114.9	121.3	126.8	131.5	135.3	138.8	141.8
-47.5°	79.2	87.2	94.8	102.6	109.7	116.3	122.2	126.9	131.1	134.5	137.5
-50°	74.4	82.0	89.7	97.1	104.2	110.9	116.8	121.8	126.1	129.9	133.1
-52.5°	69.3	76.6	84.1	91.4	98.3	104.8	110.7	115.9	120.4	124.5	128.0
-55°	64.1	71.0	78.2	85.2	91.9	98.3	104.0	109.1	114.1	118.1	121.9
-57.5°	58.9	65.4	72.1	78.7	85.1	91.3	96.6	101.8	106.4	110.8	114.9
-60°	53.5	59.6	65.7	71.9	78.0	83.7	88.9	93.8	98.3	102.7	106.6
-62.5°	48.1	53.7	59.3	64.8	70.4	75.8	80.7	85.3	89.8	93.7	97.5
-65°	42.5	47.7	52.8	57.8	62.6	67.5	72.2	76.5	80.6	84.2	87.7
-67.5°	36.8	41.5	46.1	50.8	55.1	59.2	63.5	67.5	71.3	74.5	77.6
-70°	31.4	35.2	39.1	43.2	47.2	50.8	54.3	58.0	61.6	64.7	67.4
-72.5°	26.0	29.3	32.5	35.6	39.0	42.2	45.2	48.0	50.9	53.9	56.6
-75°	21.2	23.4	26.1	28.8	31.3	33.8	36.3	38.8	41.2	43.5	45.7
-77.5°	16.7	18.5	20.3	22.1	24.0	26.1	28.1	30.1	31.9	33.6	35.3
-80°	12.4	13.5	14.8	16.2	17.5	18.9	20.3	21.7	22.9	24.0	25.2
-82.5°	8.5	9.4	10.2	10.9	11.6	12.2	12.8	13.7	14.8	15.8	16.7
-85°	4.9	5.3	5.9	6.4	6.9	7.4	7.8	8.2	8.7	9.2	9.7
-87.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	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: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.2	4.1	4.0	4.3	4.6	4.8	5.1	5.2	5.2
85°	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.6	12.9	13.3
82.5°	17.5	18.2	18.9	19.5	20.1	20.7	21.4	22.0	22.6	23.0	23.2
80°	26.4	27.6	28.7	29.6	30.5	31.5	32.5	33.4	34.2	34.7	35.2
77.5°	37.0	38.5	39.9	41.2	42.5	43.6	44.6	45.5	46.1	46.9	47.6
75°	47.7	49.7	51.6	53.2	54.7	56.0	57.2	58.3	59.3	60.2	60.9
72.5°	59.0	61.3	63.3	65.1	66.9	68.6	70.2	71.6	72.8	73.9	74.8
70°	69.9	72.4	74.8	77.1	79.2	81.1	82.8	84.4	85.7	86.8	87.7
67.5°	80.5	83.3	86.0	88.6	90.9	92.9	94.8	96.6	98.3	99.5	100.4
65°	91.0	94.1	97.0	99.7	102.0	104.1	106.3	108.2	109.8	111.0	111.8
62.5°	101.2	104.5	107.4	110.1	112.7	115.0	116.8	118.6	120.2	121.5	122.3
60°	110.3	113.7	116.5	119.1	121.5	123.6	125.5	127.3	129.0	130.5	131.6
57.5°	118.3	121.5	124.3	126.6	128.8	130.7	132.5	134.0	135.2	136.1	136.9
55°	125.3	128.1	130.8	133.1	134.9	136.5	137.8	138.9	139.7	140.3	140.8
52.5°	131.2	133.9	136.5	138.7	140.2	141.5	142.6	143.9	144.6	144.8	144.7
50°	136.0	138.8	141.2	143.2	145.2	147.4	149.7	150.8	151.3	151.0	150.6
47.5°	140.4	143.2	145.8	148.2	151.1	154.8	158.5	160.3	160.2	159.4	159.0
45°	144.8	147.7	150.8	154.6	158.6	163.4	167.7	170.5	170.5	170.6	171.2
42.5°	149.2	153.0	157.1	162.3	167.6	172.9	177.5	181.0	183.5	186.6	189.2
40°	154.8	158.9	165.2	171.6	178.4	184.1	191.3	197.5	202.6	207.3	210.8
37.5°	161.3	167.3	175.2	183.3	192.2	201.1	209.5	217.4	224.2	231.8	237.6
35°	169.1	177.6	187.2	197.4	208.4	219.7	230.6	243.2	254.2	264.1	272.2
32.5°	178.2	188.4	200.2	213.8	227.6	242.6	258.3	274.4	289.9	306.2	322.3
30°	187.3	200.9	215.9	232.4	248.6	268.2	288.6	315.0	342.6	374.2	422.7
27.5°	198.5	214.7	232.2	251.2	273.4	298.4	337.7	386.5	469.8	532.0	699.3
25°	209.4	227.9	250.4	275.1	304.9	350.7	444.4	552.9	794.4	1020.6	1281.9
22.5°	220.4	243.5	270.5	300.5	352.6	470.2	648.7	975.8	1348.9	1745.0	2148.5
20°	231.6	258.8	292.5	342.8	451.6	652.8	1053.7	1579.2	2109.5	2757.2	3317.3
17.5°	244.1	277.8	322.0	397.5	576.8	1008.0	1600.9	2330.2	3150.6	3983.4	4682.6
15°	254.5	293.9	353.1	500.7	839.2	1411.2	2187.2	3175.7	4294.5	5347.2	6245.2
12.5°	265.9	311.8	389.6	584.5	1081.3	1833.4	2856.0	4072.4	5414.6	6857.1	9141.1
10°	276.5	329.8	450.9	758.4	1360.4	2260.0	3454.9	4825.5	6453.3	9341.5	14740.5
7.5°	285.4	344.2	497.0	888.0	1613.0	2662.4	3943.2	5469.5	7916.8	12769.0	21854.3
5°	291.5	353.7	529.1	985.0	1814.2	2959.2	4255.3	5893.6	9409.9	16958.8	27898.4
2.5°	295.7	358.8	546.1	1041.5	1941.5	3155.8	4476.5	6178.9	10412.3	19382.3	32199.4
0°	298.9	360.3	549.6	1090.5	1984.6	3222.4	4487.4	6255.5	10756.0	20328.5	33731.9
-2.5°	295.7	358.8	546.1	1041.5	1941.5	3155.8	4476.5	6178.9	10412.3	19382.3	32199.4
-5°	291.5	353.7	529.1	985.0	1814.2	2959.2	4255.3	5893.6	9409.9	16958.8	27898.4
-7.5°	285.4	344.2	497.0	888.0	1613.0	2662.4	3943.2	5469.5	7916.8	12769.0	21854.3
-10°	276.5	329.8	450.9	758.4	1360.4	2260.0	3454.9	4825.5	6453.3	9341.5	14740.5
-12.5°	265.9	311.8	389.6	584.5	1081.3	1833.4	2856.0	4072.4	5414.6	6857.1	9141.1
-15°	254.5	293.9	353.1	500.7	839.2	1411.2	2187.2	3175.7	4294.5	5347.2	6245.2
-17.5°	244.1	277.8	322.0	397.5	576.8	1008.0	1600.9	2330.2	3150.6	3983.4	4682.6
-20°	231.6	258.8	292.5	342.8	451.6	652.8	1053.7	1579.2	2109.5	2757.2	3317.3



REPORT NUMBER: P558751 (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°	220.4	243.5	270.5	300.5	352.6	470.2	648.7	975.8	1348.9	1745.0	2148.5
-25°	209.4	227.9	250.4	275.1	304.9	350.7	444.4	552.9	794.4	1020.6	1281.9
-27.5°	198.5	214.7	232.2	251.2	273.4	298.4	337.7	386.5	469.8	532.0	699.3
-30°	187.3	200.9	215.9	232.4	248.6	268.2	288.6	315.0	342.6	374.2	422.7
-32.5°	178.2	188.4	200.2	213.8	227.6	242.6	258.3	274.4	289.9	306.2	322.3
-35°	169.1	177.6	187.2	197.4	208.4	219.7	230.6	243.2	254.2	264.1	272.2
-37.5°	161.3	167.3	175.2	183.3	192.2	201.1	209.5	217.4	224.2	231.8	237.6
-40°	154.8	158.9	165.2	171.6	178.4	184.1	191.3	197.5	202.6	207.3	210.8
-42.5°	149.2	153.0	157.1	162.3	167.6	172.9	177.5	181.0	183.5	186.6	189.2
-45°	144.8	147.7	150.8	154.6	158.6	163.4	167.7	170.5	170.5	170.6	171.2
-47.5°	140.4	143.2	145.8	148.2	151.1	154.8	158.5	160.3	160.2	159.4	159.0
-50°	136.0	138.8	141.2	143.2	145.2	147.4	149.7	150.8	151.3	151.0	150.6
-52.5°	131.2	133.9	136.5	138.7	140.2	141.5	142.6	143.9	144.6	144.8	144.7
-55°	125.3	128.1	130.8	133.1	134.9	136.5	137.8	138.9	139.7	140.3	140.8
-57.5°	118.3	121.5	124.3	126.6	128.8	130.7	132.5	134.0	135.2	136.1	136.9
-60°	110.3	113.7	116.5	119.1	121.5	123.6	125.5	127.3	129.0	130.5	131.6
-62.5°	101.2	104.5	107.4	110.1	112.7	115.0	116.8	118.6	120.2	121.5	122.3
-65°	91.0	94.1	97.0	99.7	102.0	104.1	106.3	108.2	109.8	111.0	111.8
-67.5°	80.5	83.3	86.0	88.6	90.9	92.9	94.8	96.6	98.3	99.5	100.4
-70°	69.9	72.4	74.8	77.1	79.2	81.1	82.8	84.4	85.7	86.8	87.7
-72.5°	59.0	61.3	63.3	65.1	66.9	68.6	70.2	71.6	72.8	73.9	74.8
-75°	47.7	49.7	51.6	53.2	54.7	56.0	57.2	58.3	59.3	60.2	60.9
-77.5°	37.0	38.5	39.9	41.2	42.5	43.6	44.6	45.5	46.1	46.9	47.6
-80°	26.4	27.6	28.7	29.6	30.5	31.5	32.5	33.4	34.2	34.7	35.2
-82.5°	17.5	18.2	18.9	19.5	20.1	20.7	21.4	22.0	22.6	23.0	23.2
-85°	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.6	12.9	13.3
-87.5°	4.3	4.3	4.2	4.1	4.0	4.3	4.6	4.8	5.1	5.2	5.2
-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: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	4.8
85°	13.6	13.9	13.5	13.1	13.5	13.9	13.6	13.3	12.9	12.6	12.4
82.5°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.6	22.0
80°	35.5	35.7	36.3	36.8	36.3	35.7	35.5	35.2	34.7	34.2	33.4
77.5°	48.3	48.8	49.0	49.1	49.0	48.8	48.3	47.6	46.9	46.1	45.5
75°	61.5	61.9	63.0	64.0	63.0	61.9	61.5	60.9	60.2	59.3	58.3
72.5°	75.4	75.9	76.6	77.1	76.6	75.9	75.4	74.8	73.9	72.8	71.6
70°	88.5	89.0	89.3	89.4	89.3	89.0	88.5	87.7	86.8	85.7	84.4
67.5°	101.0	101.3	101.2	100.8	101.2	101.3	101.0	100.4	99.5	98.3	96.6
65°	112.4	112.7	112.6	112.2	112.6	112.7	112.4	111.8	111.0	109.8	108.2
62.5°	122.8	123.2	123.5	123.6	123.5	123.2	122.8	122.3	121.5	120.2	118.6
60°	132.7	133.5	134.0	134.1	134.0	133.5	132.7	131.6	130.5	129.0	127.3
57.5°	137.6	138.2	138.4	138.5	138.4	138.2	137.6	136.9	136.1	135.2	134.0
55°	141.0	141.0	140.8	140.3	140.8	141.0	141.0	140.8	140.3	139.7	138.9
52.5°	144.4	143.9	143.7	143.8	143.7	143.9	144.4	144.7	144.8	144.6	143.9
50°	150.1	149.3	148.9	149.0	148.9	149.3	150.1	150.6	151.0	151.3	150.8
47.5°	159.5	159.8	160.2	160.4	160.2	159.8	159.5	159.0	159.4	160.2	160.3
45°	173.0	174.2	175.0	175.3	175.0	174.2	173.0	171.2	170.6	170.5	170.5
42.5°	191.8	193.3	193.9	193.7	193.9	193.3	191.8	189.2	186.6	183.5	181.0
40°	214.5	217.4	219.2	219.2	219.2	217.4	214.5	210.8	207.3	202.6	197.5
37.5°	242.7	246.7	248.7	248.1	248.7	246.7	242.7	237.6	231.8	224.2	217.4
35°	278.4	282.3	283.9	285.8	283.9	282.3	278.4	272.2	264.1	254.2	243.2
32.5°	335.1	343.1	346.2	341.9	346.2	343.1	335.1	322.3	306.2	289.9	274.4
30°	455.5	484.6	504.1	513.7	504.1	484.6	455.5	422.7	374.2	342.6	315.0
27.5°	814.4	890.5	922.8	940.6	922.8	890.5	814.4	699.3	532.0	469.8	386.5
25°	1505.6	1668.2	1761.7	1754.1	1761.7	1668.2	1505.6	1281.9	1020.6	794.4	552.9
22.5°	2523.3	2779.8	2933.6	2990.1	2933.6	2779.8	2523.3	2148.5	1745.0	1348.9	975.8
20°	3784.9	4072.5	4222.9	4245.4	4222.9	4072.5	3784.9	3317.3	2757.2	2109.5	1579.2
17.5°	5232.9	5505.6	5664.0	5662.0	5664.0	5505.6	5232.9	4682.6	3983.4	3150.6	2330.2
15°	7468.3	8523.6	9118.6	9031.7	9118.6	8523.6	7468.3	6245.2	5347.2	4294.5	3175.7
12.5°	12237.3	16452.2	19066.6	19712.3	19066.6	16452.2	12237.3	9141.1	6857.1	5414.6	4072.4
10°	21624.9	27930.6	32966.5	34421.8	32966.5	27930.6	21624.9	14740.5	9341.5	6453.3	4825.5
7.5°	31106.1	38589.9	41669.9	42027.7	41669.9	38589.9	31106.1	21854.3	12769.0	7916.8	5469.5
5°	38262.4	45877.5	46758.9	44544.9	46758.9	45877.5	38262.4	27898.4	16958.8	9409.9	5893.6
2.5°	42986.2	48739.5	49561.2	48369.5	49561.2	48739.5	42986.2	32199.4	19382.3	10412.3	6178.9
0°	44063.6	47978.5	49145.7	49273.3	49145.7	47978.5	44063.6	33731.9	20328.5	10756.0	6255.5
-2.5°	42986.2	48739.5	49561.2	48369.5	49561.2	48739.5	42986.2	32199.4	19382.3	10412.3	6178.9
-5°	38262.4	45877.5	46758.9	44544.9	46758.9	45877.5	38262.4	27898.4	16958.8	9409.9	5893.6
-7.5°	31106.1	38589.9	41669.9	42027.7	41669.9	38589.9	31106.1	21854.3	12769.0	7916.8	5469.5
-10°	21624.9	27930.6	32966.5	34421.8	32966.5	27930.6	21624.9	14740.5	9341.5	6453.3	4825.5
-12.5°	12237.3	16452.2	19066.6	19712.3	19066.6	16452.2	12237.3	9141.1	6857.1	5414.6	4072.4
-15°	7468.3	8523.6	9118.6	9031.7	9118.6	8523.6	7468.3	6245.2	5347.2	4294.5	3175.7
-17.5°	5232.9	5505.6	5664.0	5662.0	5664.0	5505.6	5232.9	4682.6	3983.4	3150.6	2330.2
-20°	3784.9	4072.5	4222.9	4245.4	4222.9	4072.5	3784.9	3317.3	2757.2	2109.5	1579.2



REPORT NUMBER: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2523.3	2779.8	2933.6	2990.1	2933.6	2779.8	2523.3	2148.5	1745.0	1348.9	975.8
-25°	1505.6	1668.2	1761.7	1754.1	1761.7	1668.2	1505.6	1281.9	1020.6	794.4	552.9
-27.5°	814.4	890.5	922.8	940.6	922.8	890.5	814.4	699.3	532.0	469.8	386.5
-30°	455.5	484.6	504.1	513.7	504.1	484.6	455.5	422.7	374.2	342.6	315.0
-32.5°	335.1	343.1	346.2	341.9	346.2	343.1	335.1	322.3	306.2	289.9	274.4
-35°	278.4	282.3	283.9	285.8	283.9	282.3	278.4	272.2	264.1	254.2	243.2
-37.5°	242.7	246.7	248.7	248.1	248.7	246.7	242.7	237.6	231.8	224.2	217.4
-40°	214.5	217.4	219.2	219.2	219.2	217.4	214.5	210.8	207.3	202.6	197.5
-42.5°	191.8	193.3	193.9	193.7	193.9	193.3	191.8	189.2	186.6	183.5	181.0
-45°	173.0	174.2	175.0	175.3	175.0	174.2	173.0	171.2	170.6	170.5	170.5
-47.5°	159.5	159.8	160.2	160.4	160.2	159.8	159.5	159.0	159.4	160.2	160.3
-50°	150.1	149.3	148.9	149.0	148.9	149.3	150.1	150.6	151.0	151.3	150.8
-52.5°	144.4	143.9	143.7	143.8	143.7	143.9	144.4	144.7	144.8	144.6	143.9
-55°	141.0	141.0	140.8	140.3	140.8	141.0	141.0	140.8	140.3	139.7	138.9
-57.5°	137.6	138.2	138.4	138.5	138.4	138.2	137.6	136.9	136.1	135.2	134.0
-60°	132.7	133.5	134.0	134.1	134.0	133.5	132.7	131.6	130.5	129.0	127.3
-62.5°	122.8	123.2	123.5	123.6	123.5	123.2	122.8	122.3	121.5	120.2	118.6
-65°	112.4	112.7	112.6	112.2	112.6	112.7	112.4	111.8	111.0	109.8	108.2
-67.5°	101.0	101.3	101.2	100.8	101.2	101.3	101.0	100.4	99.5	98.3	96.6
-70°	88.5	89.0	89.3	89.4	89.3	89.0	88.5	87.7	86.8	85.7	84.4
-72.5°	75.4	75.9	76.6	77.1	76.6	75.9	75.4	74.8	73.9	72.8	71.6
-75°	61.5	61.9	63.0	64.0	63.0	61.9	61.5	60.9	60.2	59.3	58.3
-77.5°	48.3	48.8	49.0	49.1	49.0	48.8	48.3	47.6	46.9	46.1	45.5
-80°	35.5	35.7	36.3	36.8	36.3	35.7	35.5	35.2	34.7	34.2	33.4
-82.5°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.6	22.0
-85°	13.6	13.9	13.5	13.1	13.5	13.9	13.6	13.3	12.9	12.6	12.4
-87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	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: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.3	4.0	4.1	4.2	4.3	4.3	4.2	4.1	3.9	3.7
85°	12.1	11.8	11.5	11.2	10.9	10.6	10.3	9.7	9.2	8.7	8.2
82.5°	21.4	20.7	20.1	19.5	18.9	18.2	17.5	16.7	15.8	14.8	13.7
80°	32.5	31.5	30.5	29.6	28.7	27.6	26.4	25.2	24.0	22.9	21.7
77.5°	44.6	43.6	42.5	41.2	39.9	38.5	37.0	35.3	33.6	31.9	30.1
75°	57.2	56.0	54.7	53.2	51.6	49.7	47.7	45.7	43.5	41.2	38.8
72.5°	70.2	68.6	66.9	65.1	63.3	61.3	59.0	56.6	53.9	50.9	48.0
70°	82.8	81.1	79.2	77.1	74.8	72.4	69.9	67.4	64.7	61.6	58.0
67.5°	94.8	92.9	90.9	88.6	86.0	83.3	80.5	77.6	74.5	71.3	67.5
65°	106.3	104.1	102.0	99.7	97.0	94.1	91.0	87.7	84.2	80.6	76.5
62.5°	116.8	115.0	112.7	110.1	107.4	104.5	101.2	97.5	93.7	89.8	85.3
60°	125.5	123.6	121.5	119.1	116.5	113.7	110.3	106.6	102.7	98.3	93.8
57.5°	132.5	130.7	128.8	126.6	124.3	121.5	118.3	114.9	110.8	106.4	101.8
55°	137.8	136.5	134.9	133.1	130.8	128.1	125.3	121.9	118.1	114.1	109.1
52.5°	142.6	141.5	140.2	138.7	136.5	133.9	131.2	128.0	124.5	120.4	115.9
50°	149.7	147.4	145.2	143.2	141.2	138.8	136.0	133.1	129.9	126.1	121.8
47.5°	158.5	154.8	151.1	148.2	145.8	143.2	140.4	137.5	134.5	131.1	126.9
45°	167.7	163.4	158.6	154.6	150.8	147.7	144.8	141.8	138.8	135.3	131.5
42.5°	177.5	172.9	167.6	162.3	157.1	153.0	149.2	146.2	142.8	139.4	135.5
40°	191.3	184.1	178.4	171.6	165.2	158.9	154.8	150.6	147.0	143.1	139.3
37.5°	209.5	201.1	192.2	183.3	175.2	167.3	161.3	156.2	151.3	147.1	142.7
35°	230.6	219.7	208.4	197.4	187.2	177.6	169.1	162.4	156.7	151.4	146.3
32.5°	258.3	242.6	227.6	213.8	200.2	188.4	178.2	169.5	162.5	156.5	150.5
30°	288.6	268.2	248.6	232.4	215.9	200.9	187.3	177.0	168.9	161.9	155.0
27.5°	337.7	298.4	273.4	251.2	232.2	214.7	198.5	183.8	174.8	167.4	159.8
25°	444.4	350.7	304.9	275.1	250.4	227.9	209.4	192.6	180.1	172.0	162.4
22.5°	648.7	470.2	352.6	300.5	270.5	243.5	220.4	201.5	184.3	174.0	164.2
20°	1053.7	652.8	451.6	342.8	292.5	258.8	231.6	210.2	191.1	176.4	165.4
17.5°	1600.9	1008.0	576.8	397.5	322.0	277.8	244.1	218.3	197.3	178.9	166.1
15°	2187.2	1411.2	839.2	500.7	353.1	293.9	254.5	225.6	203.0	182.7	168.0
12.5°	2856.0	1833.4	1081.3	584.5	389.6	311.8	265.9	233.8	208.7	187.2	170.9
10°	3454.9	2260.0	1360.4	758.4	450.9	329.8	276.5	241.0	214.0	191.0	173.2
7.5°	3943.2	2662.4	1613.0	888.0	497.0	344.2	285.4	247.0	218.3	193.7	174.9
5°	4255.3	2959.2	1814.2	985.0	529.1	353.7	291.5	251.5	221.6	195.4	176.0
2.5°	4476.5	3155.8	1941.5	1041.5	546.1	358.8	295.7	254.2	224.1	197.5	177.6
0°	4487.4	3222.4	1984.6	1090.5	549.6	360.3	298.9	255.1	225.3	199.0	178.8
-2.5°	4476.5	3155.8	1941.5	1041.5	546.1	358.8	295.7	254.2	224.1	197.5	177.6
-5°	4255.3	2959.2	1814.2	985.0	529.1	353.7	291.5	251.5	221.6	195.4	176.0
-7.5°	3943.2	2662.4	1613.0	888.0	497.0	344.2	285.4	247.0	218.3	193.7	174.9
-10°	3454.9	2260.0	1360.4	758.4	450.9	329.8	276.5	241.0	214.0	191.0	173.2
-12.5°	2856.0	1833.4	1081.3	584.5	389.6	311.8	265.9	233.8	208.7	187.2	170.9
-15°	2187.2	1411.2	839.2	500.7	353.1	293.9	254.5	225.6	203.0	182.7	168.0
-17.5°	1600.9	1008.0	576.8	397.5	322.0	277.8	244.1	218.3	197.3	178.9	166.1
-20°	1053.7	652.8	451.6	342.8	292.5	258.8	231.6	210.2	191.1	176.4	165.4



REPORT NUMBER: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	648.7	470.2	352.6	300.5	270.5	243.5	220.4	201.5	184.3	174.0	164.2
-25°	444.4	350.7	304.9	275.1	250.4	227.9	209.4	192.6	180.1	172.0	162.4
-27.5°	337.7	298.4	273.4	251.2	232.2	214.7	198.5	183.8	174.8	167.4	159.8
-30°	288.6	268.2	248.6	232.4	215.9	200.9	187.3	177.0	168.9	161.9	155.0
-32.5°	258.3	242.6	227.6	213.8	200.2	188.4	178.2	169.5	162.5	156.5	150.5
-35°	230.6	219.7	208.4	197.4	187.2	177.6	169.1	162.4	156.7	151.4	146.3
-37.5°	209.5	201.1	192.2	183.3	175.2	167.3	161.3	156.2	151.3	147.1	142.7
-40°	191.3	184.1	178.4	171.6	165.2	158.9	154.8	150.6	147.0	143.1	139.3
-42.5°	177.5	172.9	167.6	162.3	157.1	153.0	149.2	146.2	142.8	139.4	135.5
-45°	167.7	163.4	158.6	154.6	150.8	147.7	144.8	141.8	138.8	135.3	131.5
-47.5°	158.5	154.8	151.1	148.2	145.8	143.2	140.4	137.5	134.5	131.1	126.9
-50°	149.7	147.4	145.2	143.2	141.2	138.8	136.0	133.1	129.9	126.1	121.8
-52.5°	142.6	141.5	140.2	138.7	136.5	133.9	131.2	128.0	124.5	120.4	115.9
-55°	137.8	136.5	134.9	133.1	130.8	128.1	125.3	121.9	118.1	114.1	109.1
-57.5°	132.5	130.7	128.8	126.6	124.3	121.5	118.3	114.9	110.8	106.4	101.8
-60°	125.5	123.6	121.5	119.1	116.5	113.7	110.3	106.6	102.7	98.3	93.8
-62.5°	116.8	115.0	112.7	110.1	107.4	104.5	101.2	97.5	93.7	89.8	85.3
-65°	106.3	104.1	102.0	99.7	97.0	94.1	91.0	87.7	84.2	80.6	76.5
-67.5°	94.8	92.9	90.9	88.6	86.0	83.3	80.5	77.6	74.5	71.3	67.5
-70°	82.8	81.1	79.2	77.1	74.8	72.4	69.9	67.4	64.7	61.6	58.0
-72.5°	70.2	68.6	66.9	65.1	63.3	61.3	59.0	56.6	53.9	50.9	48.0
-75°	57.2	56.0	54.7	53.2	51.6	49.7	47.7	45.7	43.5	41.2	38.8
-77.5°	44.6	43.6	42.5	41.2	39.9	38.5	37.0	35.3	33.6	31.9	30.1
-80°	32.5	31.5	30.5	29.6	28.7	27.6	26.4	25.2	24.0	22.9	21.7
-82.5°	21.4	20.7	20.1	19.5	18.9	18.2	17.5	16.7	15.8	14.8	13.7
-85°	12.1	11.8	11.5	11.2	10.9	10.6	10.3	9.7	9.2	8.7	8.2
-87.5°	4.6	4.3	4.0	4.1	4.2	4.3	4.3	4.2	4.1	3.9	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: P558751 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
85°	7.8	7.4	6.9	6.4	5.9	5.3	4.9	4.5	4.1	3.6	3.2
82.5°	12.8	12.2	11.6	10.9	10.2	9.4	8.5	7.6	6.5	5.5	4.8
80°	20.3	18.9	17.5	16.2	14.8	13.5	12.4	11.2	9.7	8.3	6.9
77.5°	28.1	26.1	24.0	22.1	20.3	18.5	16.7	14.9	12.9	11.0	9.2
75°	36.3	33.8	31.3	28.8	26.1	23.4	21.2	18.9	16.4	13.8	11.6
72.5°	45.2	42.2	39.0	35.6	32.5	29.3	26.0	22.9	20.1	17.2	14.0
70°	54.3	50.8	47.2	43.2	39.1	35.2	31.4	27.7	23.8	20.5	17.0
67.5°	63.5	59.2	55.1	50.8	46.1	41.5	36.8	32.5	28.2	23.8	20.0
65°	72.2	67.5	62.6	57.8	52.8	47.7	42.5	37.4	32.5	27.7	22.9
62.5°	80.7	75.8	70.4	64.8	59.3	53.7	48.1	42.5	36.8	31.4	26.0
60°	88.9	83.7	78.0	71.9	65.7	59.6	53.5	47.5	41.3	35.2	29.3
57.5°	96.6	91.3	85.1	78.7	72.1	65.4	58.9	52.4	45.8	39.0	32.5
55°	104.0	98.3	91.9	85.2	78.2	71.0	64.1	57.1	50.0	42.8	35.6
52.5°	110.7	104.8	98.3	91.4	84.1	76.6	69.3	61.7	54.2	46.6	38.8
50°	116.8	110.9	104.2	97.1	89.7	82.0	74.4	66.4	58.2	50.1	42.0
47.5°	122.2	116.3	109.7	102.6	94.8	87.2	79.2	70.9	62.1	53.6	45.1
45°	126.8	121.3	114.9	107.6	100.0	92.0	83.7	75.4	66.1	57.0	48.1
42.5°	131.1	125.8	119.5	112.3	104.8	96.7	88.0	79.3	70.0	60.2	51.0
40°	134.8	129.8	123.8	116.8	109.5	101.3	92.2	83.0	73.7	63.4	53.7
37.5°	138.2	133.4	127.6	121.4	113.9	105.5	96.2	86.5	77.1	66.6	56.3
35°	141.5	136.5	131.4	125.3	118.0	109.5	100.1	89.8	80.1	69.5	58.8
32.5°	144.7	139.5	134.4	128.7	121.9	113.3	103.7	93.1	82.8	72.3	61.1
30°	148.2	142.1	137.0	131.8	125.4	116.8	106.9	96.1	85.4	74.8	63.3
27.5°	151.1	144.3	139.4	134.2	128.1	120.0	109.7	98.7	87.7	77.1	65.3
25°	153.5	146.4	141.2	136.3	130.5	122.6	112.2	101.1	89.9	79.0	67.2
22.5°	155.4	148.2	142.6	138.2	132.8	125.0	114.5	103.2	91.9	80.8	69.0
20°	156.4	149.5	143.6	139.7	134.7	126.7	116.4	105.1	93.6	82.4	70.5
17.5°	156.8	150.4	144.9	140.8	136.1	128.4	118.0	106.7	95.1	83.8	71.9
15°	158.2	151.3	145.9	141.6	137.3	130.1	119.5	108.1	96.4	85.0	73.1
12.5°	159.8	152.0	146.5	142.4	138.4	131.8	120.6	109.2	97.4	86.1	74.0
10°	161.2	152.5	146.9	142.9	139.2	133.3	121.6	110.2	98.4	87.0	74.9
7.5°	162.2	152.7	146.9	143.3	139.8	134.5	122.4	110.9	99.3	87.6	75.5
5°	163.1	152.8	146.9	143.6	140.3	135.3	123.1	111.3	100.0	88.1	75.9
2.5°	163.7	152.8	146.7	143.8	140.8	135.7	123.5	111.4	100.5	88.4	76.2
0°	163.9	152.5	146.4	143.8	141.1	135.9	123.6	111.3	100.8	88.5	76.3
-2.5°	163.7	152.8	146.7	143.8	140.8	135.7	123.5	111.4	100.5	88.4	76.2
-5°	163.1	152.8	146.9	143.6	140.3	135.3	123.1	111.3	100.0	88.1	75.9
-7.5°	162.2	152.7	146.9	143.3	139.8	134.5	122.4	110.9	99.3	87.6	75.5
-10°	161.2	152.5	146.9	142.9	139.2	133.3	121.6	110.2	98.4	87.0	74.9
-12.5°	159.8	152.0	146.5	142.4	138.4	131.8	120.6	109.2	97.4	86.1	74.0
-15°	158.2	151.3	145.9	141.6	137.3	130.1	119.5	108.1	96.4	85.0	73.1
-17.5°	156.8	150.4	144.9	140.8	136.1	128.4	118.0	106.7	95.1	83.8	71.9
-20°	156.4	149.5	143.6	139.7	134.7	126.7	116.4	105.1	93.6	82.4	70.5



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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°	155.4	148.2	142.6	138.2	132.8	125.0	114.5	103.2	91.9	80.8	69.0
-25°	153.5	146.4	141.2	136.3	130.5	122.6	112.2	101.1	89.9	79.0	67.2
-27.5°	151.1	144.3	139.4	134.2	128.1	120.0	109.7	98.7	87.7	77.1	65.3
-30°	148.2	142.1	137.0	131.8	125.4	116.8	106.9	96.1	85.4	74.8	63.3
-32.5°	144.7	139.5	134.4	128.7	121.9	113.3	103.7	93.1	82.8	72.3	61.1
-35°	141.5	136.5	131.4	125.3	118.0	109.5	100.1	89.8	80.1	69.5	58.8
-37.5°	138.2	133.4	127.6	121.4	113.9	105.5	96.2	86.5	77.1	66.6	56.3
-40°	134.8	129.8	123.8	116.8	109.5	101.3	92.2	83.0	73.7	63.4	53.7
-42.5°	131.1	125.8	119.5	112.3	104.8	96.7	88.0	79.3	70.0	60.2	51.0
-45°	126.8	121.3	114.9	107.6	100.0	92.0	83.7	75.4	66.1	57.0	48.1
-47.5°	122.2	116.3	109.7	102.6	94.8	87.2	79.2	70.9	62.1	53.6	45.1
-50°	116.8	110.9	104.2	97.1	89.7	82.0	74.4	66.4	58.2	50.1	42.0
-52.5°	110.7	104.8	98.3	91.4	84.1	76.6	69.3	61.7	54.2	46.6	38.8
-55°	104.0	98.3	91.9	85.2	78.2	71.0	64.1	57.1	50.0	42.8	35.6
-57.5°	96.6	91.3	85.1	78.7	72.1	65.4	58.9	52.4	45.8	39.0	32.5
-60°	88.9	83.7	78.0	71.9	65.7	59.6	53.5	47.5	41.3	35.2	29.3
-62.5°	80.7	75.8	70.4	64.8	59.3	53.7	48.1	42.5	36.8	31.4	26.0
-65°	72.2	67.5	62.6	57.8	52.8	47.7	42.5	37.4	32.5	27.7	22.9
-67.5°	63.5	59.2	55.1	50.8	46.1	41.5	36.8	32.5	28.2	23.8	20.0
-70°	54.3	50.8	47.2	43.2	39.1	35.2	31.4	27.7	23.8	20.5	17.0
-72.5°	45.2	42.2	39.0	35.6	32.5	29.3	26.0	22.9	20.1	17.2	14.0
-75°	36.3	33.8	31.3	28.8	26.1	23.4	21.2	18.9	16.4	13.8	11.6
-77.5°	28.1	26.1	24.0	22.1	20.3	18.5	16.7	14.9	12.9	11.0	9.2
-80°	20.3	18.9	17.5	16.2	14.8	13.5	12.4	11.2	9.7	8.3	6.9
-82.5°	12.8	12.2	11.6	10.9	10.2	9.4	8.5	7.6	6.5	5.5	4.8
-85°	7.8	7.4	6.9	6.4	5.9	5.3	4.9	4.5	4.1	3.6	3.2
-87.5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
-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°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
80°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
77.5°	7.5	5.9	4.6	3.4	2.3	1.1	0.0
75°	9.5	7.6	5.6	4.1	2.7	1.4	0.0
72.5°	11.5	9.3	6.9	4.8	3.2	1.6	0.0
70°	13.5	10.9	8.3	5.5	3.6	1.8	0.0
67.5°	16.1	12.6	9.7	6.5	4.1	2.0	0.0
65°	18.6	14.4	11.0	7.6	4.5	2.2	0.0
62.5°	21.0	16.5	12.3	8.6	4.9	2.4	0.0
60°	23.4	18.4	13.6	9.6	5.3	2.6	0.0
57.5°	26.1	20.3	15.1	10.5	5.9	2.8	0.0
55°	28.8	22.2	16.6	11.5	6.6	3.0	0.0
52.5°	31.3	24.0	18.0	12.4	7.2	3.2	0.0
50°	33.8	26.1	19.4	13.3	7.8	3.4	0.0
47.5°	36.3	28.1	20.7	14.2	8.3	3.6	0.0
45°	38.9	30.1	21.9	15.1	8.9	3.7	0.0
42.5°	41.4	31.9	23.1	16.0	9.4	3.9	0.0
40°	43.8	33.7	24.4	16.9	9.9	4.1	0.0
37.5°	46.0	35.4	25.7	17.7	10.4	4.2	0.0
35°	48.2	37.1	27.0	18.4	10.8	4.3	0.0
32.5°	50.3	38.8	28.2	19.1	11.3	4.5	0.0
30°	52.1	40.4	29.3	19.8	11.7	4.6	0.0
27.5°	53.9	41.9	30.4	20.4	12.0	4.7	0.0
25°	55.5	43.3	31.4	21.0	12.4	4.8	0.0
22.5°	56.9	44.6	32.3	21.5	12.7	4.9	0.0
20°	58.2	45.7	33.1	21.9	12.9	5.0	0.0
17.5°	59.4	46.7	33.9	22.3	13.2	5.1	0.0
15°	60.4	47.6	34.6	22.7	13.4	5.1	0.0
12.5°	61.2	48.4	35.2	23.0	13.6	5.2	0.0
10°	61.9	49.0	35.7	23.3	13.7	5.2	0.0
7.5°	62.4	49.4	36.1	23.4	13.9	5.3	0.0
5°	62.8	49.7	36.4	23.6	13.9	5.3	0.0
2.5°	63.0	49.9	36.7	23.7	14.0	5.3	0.0
0°	63.1	50.0	36.8	23.7	14.0	5.3	0.0
-2.5°	63.0	49.9	36.7	23.7	14.0	5.3	0.0
-5°	62.8	49.7	36.4	23.6	13.9	5.3	0.0
-7.5°	62.4	49.4	36.1	23.4	13.9	5.3	0.0
-10°	61.9	49.0	35.7	23.3	13.7	5.2	0.0
-12.5°	61.2	48.4	35.2	23.0	13.6	5.2	0.0
-15°	60.4	47.6	34.6	22.7	13.4	5.1	0.0
-17.5°	59.4	46.7	33.9	22.3	13.2	5.1	0.0
-20°	58.2	45.7	33.1	21.9	12.9	5.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.9	44.6	32.3	21.5	12.7	4.9	0.0
-25°	55.5	43.3	31.4	21.0	12.4	4.8	0.0
-27.5°	53.9	41.9	30.4	20.4	12.0	4.7	0.0
-30°	52.1	40.4	29.3	19.8	11.7	4.6	0.0
-32.5°	50.3	38.8	28.2	19.1	11.3	4.5	0.0
-35°	48.2	37.1	27.0	18.4	10.8	4.3	0.0
-37.5°	46.0	35.4	25.7	17.7	10.4	4.2	0.0
-40°	43.8	33.7	24.4	16.9	9.9	4.1	0.0
-42.5°	41.4	31.9	23.1	16.0	9.4	3.9	0.0
-45°	38.9	30.1	21.9	15.1	8.9	3.7	0.0
-47.5°	36.3	28.1	20.7	14.2	8.3	3.6	0.0
-50°	33.8	26.1	19.4	13.3	7.8	3.4	0.0
-52.5°	31.3	24.0	18.0	12.4	7.2	3.2	0.0
-55°	28.8	22.2	16.6	11.5	6.6	3.0	0.0
-57.5°	26.1	20.3	15.1	10.5	5.9	2.8	0.0
-60°	23.4	18.4	13.6	9.6	5.3	2.6	0.0
-62.5°	21.0	16.5	12.3	8.6	4.9	2.4	0.0
-65°	18.6	14.4	11.0	7.6	4.5	2.2	0.0
-67.5°	16.1	12.6	9.7	6.5	4.1	2.0	0.0
-70°	13.5	10.9	8.3	5.5	3.6	1.8	0.0
-72.5°	11.5	9.3	6.9	4.8	3.2	1.6	0.0
-75°	9.5	7.6	5.6	4.1	2.7	1.4	0.0
-77.5°	7.5	5.9	4.6	3.4	2.3	1.1	0.0
-80°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
-85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-87.5°	1.4	1.1	0.9	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)