

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: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558895 (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-SA4B-935-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

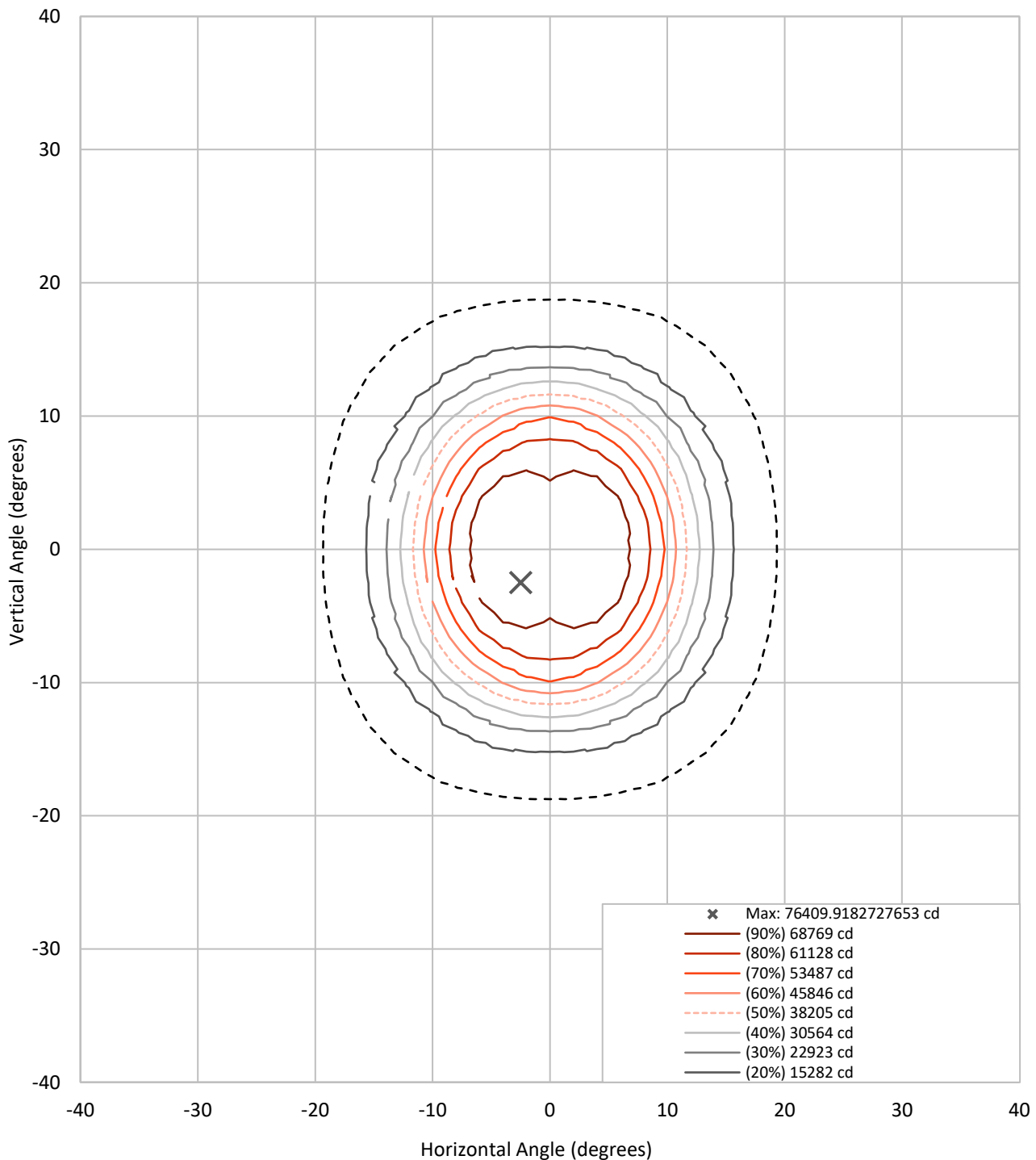
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14449 lumens	Max Intensity:	76409.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	114.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	7800.6 lumens	Field Lumens:	11763.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 126  
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





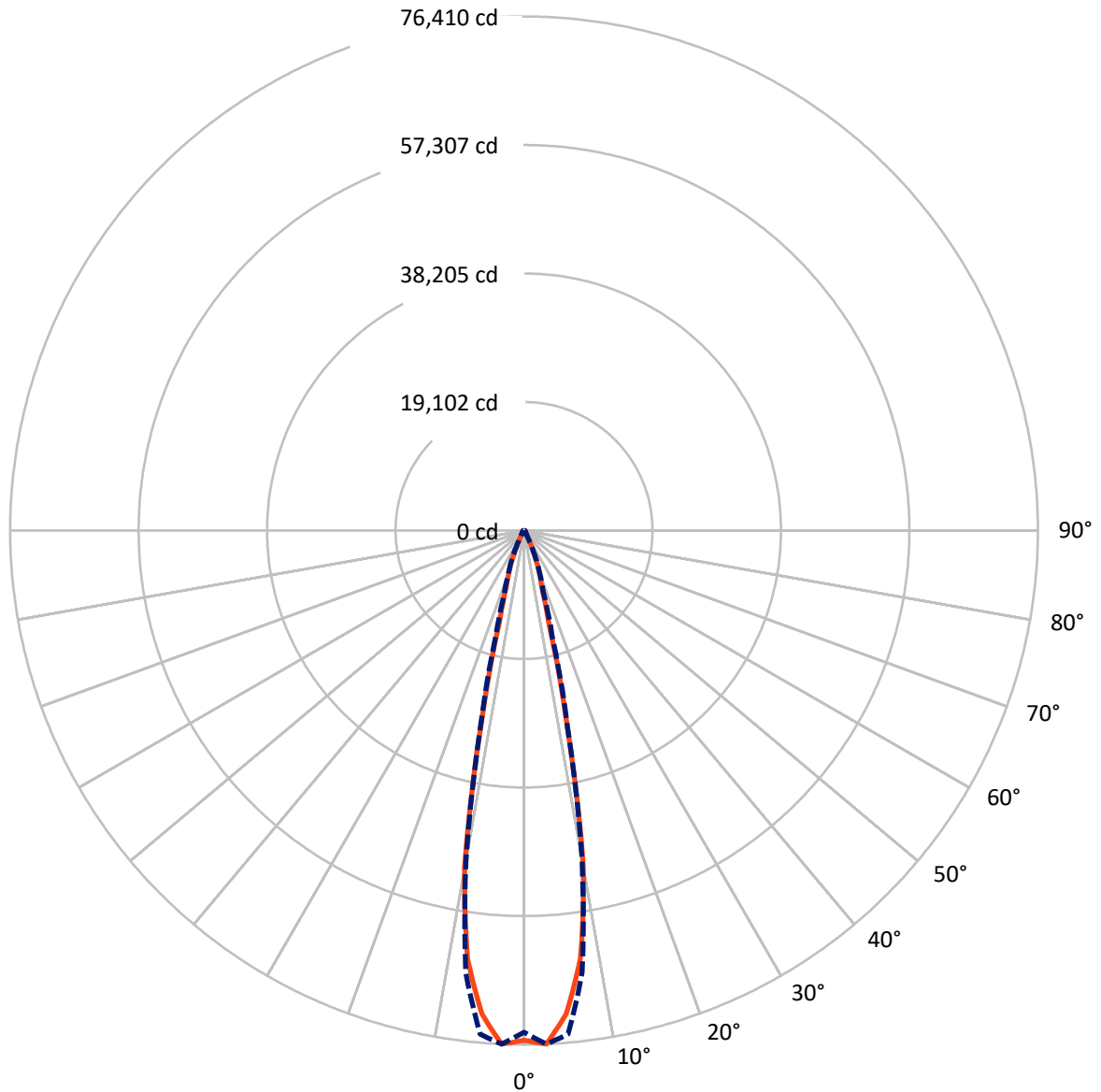
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### Lumen Table

90	0.2	1.5		3.9		6.2		7.2		6.2		3.9		1.5		0.2
80	0.2	1.5		3.9		6.2		7.2		6.2		3.9		1.5		0.2
70	0.7	0.8	1.6	2.5	3.5	4.3	4.9	5.2	5.2	4.9	4.3	3.5	2.5	1.6	0.8	0.7
60		1.1	2.3	3.6	4.8	5.7	6.3	6.6	6.6	6.3	5.7	4.8	3.6	2.3	1.1	
50	1.2	1.5	2.9	4.3	5.6	6.8	7.8	8.3	8.3	7.8	6.8	5.6	4.3	2.9	1.5	1.2
40		1.8	3.4	4.9	6.6	9.0	11.8	14.2	14.2	11.8	9.0	6.6	4.9	3.4	1.8	
30	1.6	2.0	3.7	5.4	8.2	14.8	44.4	86.5	86.5	44.4	14.8	8.2	5.4	3.7	2.0	1.6
20		2.2	3.8	5.7	10.2	43.8	202.3	520.2	520.2	202.3	43.8	10.2	5.7	3.8	2.2	
10	1.8	2.2	3.9	6.0	12.2	85.4	526.8	1861.0	1861.0	526.8	85.4	12.2	6.0	3.9	2.2	1.8
0		2.2	3.9	6.0	12.2	85.4	526.8	1861.0	1861.0	526.8	85.4	12.2	6.0	3.9	2.2	
-10	1.6	2.2	3.8	5.7	10.2	43.8	202.3	520.2	520.2	202.3	43.8	10.2	5.7	3.8	2.2	1.6
-20		2.0	3.7	5.4	8.2	14.8	44.4	86.5	86.5	44.4	14.8	8.2	5.4	3.7	2.0	
-30	1.2	1.8	3.4	4.9	6.6	9.0	11.8	14.2	14.2	11.8	9.0	6.6	4.9	3.4	1.8	1.2
-40		1.5	2.9	4.3	5.6	6.8	7.8	8.3	8.3	7.8	6.8	5.6	4.3	2.9	1.5	
-50	0.7	1.1	2.3	3.6	4.8	5.7	6.3	6.6	6.6	6.3	5.7	4.8	3.6	2.3	1.1	0.7
-60		0.8	1.6	2.5	3.5	4.3	4.9	5.2	5.2	4.9	4.3	3.5	2.5	1.6	0.8	
-70	0.2	1.5		3.9		6.2		7.2		6.2		3.9		1.5		0.2
-80		1.5		3.9		6.2		7.2		6.2		3.9		1.5		
-90	0.2	1.5		3.9		6.2		7.2		6.2		3.9		1.5		0.2

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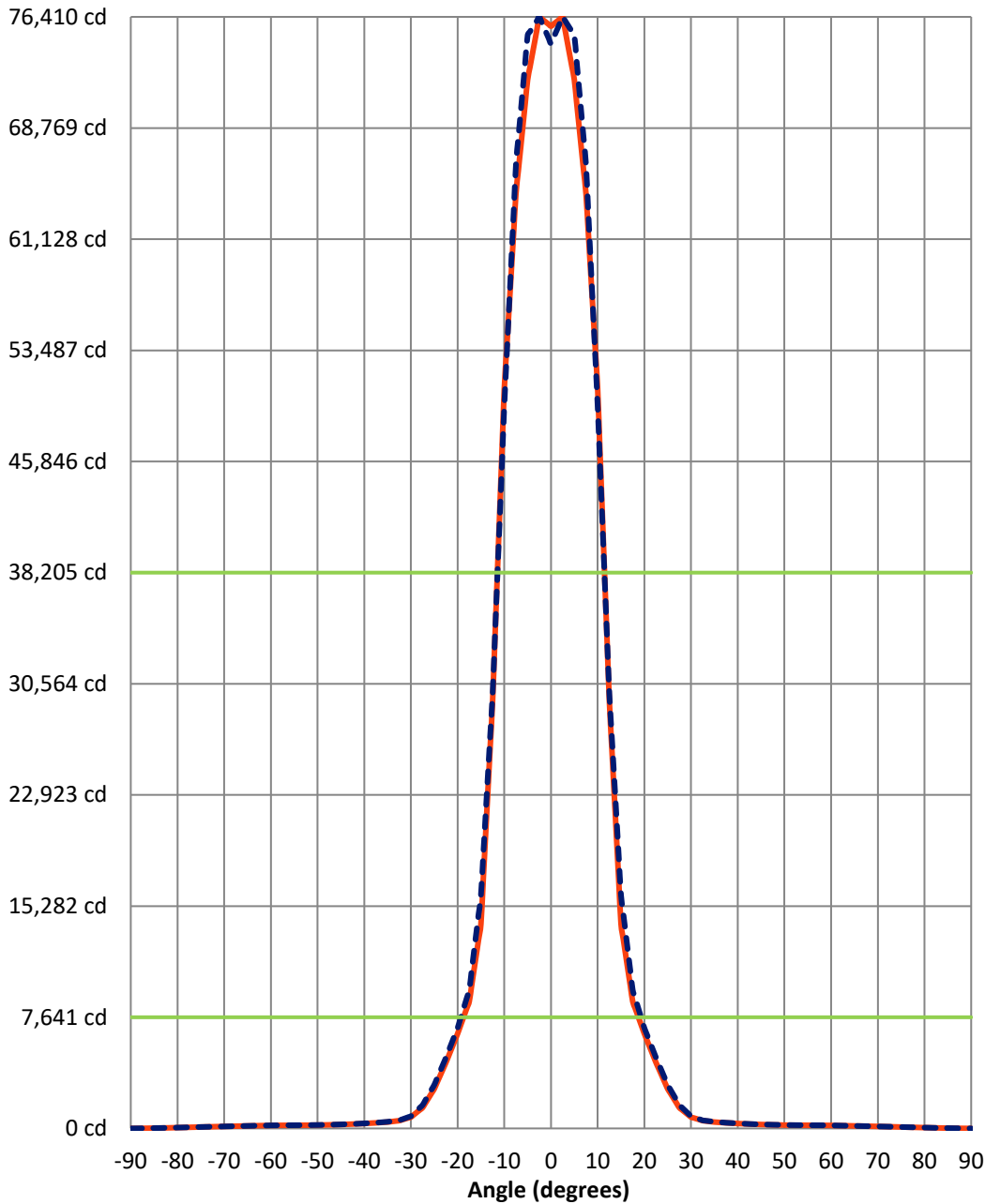
### Luminous Intensity Polar Plot



— 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: 7800.6  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 11763.7  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 2685.4  
 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	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.4	10.0	11.7
80°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	10.6	12.7	15.0	17.3
77.5°	0.0	1.8	3.5	5.2	7.0	9.0	11.6	14.2	17.0	19.9	23.0
75°	0.0	2.1	4.2	6.3	8.5	11.7	14.7	17.9	21.4	25.4	29.2
72.5°	0.0	2.4	4.9	7.3	10.6	14.3	17.8	21.7	26.5	31.0	35.3
70°	0.0	2.8	5.5	8.4	12.8	16.9	20.9	26.3	31.6	36.7	42.6
67.5°	0.0	3.1	6.2	10.0	14.9	19.5	24.8	30.8	36.7	43.5	50.2
65°	0.0	3.4	6.8	11.6	17.0	22.3	28.7	35.2	42.6	50.2	57.7
62.5°	0.0	3.7	7.5	13.2	19.0	25.4	32.4	40.1	48.5	56.8	65.6
60°	0.0	4.0	8.1	14.7	21.0	28.4	36.1	45.2	54.2	63.8	73.3
57.5°	0.0	4.4	9.1	16.2	23.3	31.4	40.2	50.1	60.2	70.5	80.8
55°	0.0	4.6	10.1	17.7	25.6	34.2	44.3	54.9	66.1	77.2	88.1
52.5°	0.0	4.9	11.0	19.1	27.7	37.0	48.3	59.9	71.8	83.6	95.3
50°	0.0	5.2	11.9	20.5	29.8	40.3	52.2	64.8	77.3	89.8	102.4
47.5°	0.0	5.5	12.8	21.9	31.9	43.4	56.0	69.5	82.7	95.9	109.4
45°	0.0	5.7	13.7	23.3	33.8	46.4	59.9	74.2	87.9	102.0	116.2
42.5°	0.0	6.0	14.5	24.7	35.6	49.2	63.8	78.6	93.0	107.9	122.3
40°	0.0	6.2	15.3	26.0	37.6	52.0	67.4	82.8	97.9	113.7	128.0
37.5°	0.0	6.4	16.0	27.2	39.7	54.5	71.0	86.8	102.7	118.9	133.4
35°	0.0	6.6	16.7	28.4	41.6	57.2	74.3	90.6	107.2	123.4	138.6
32.5°	0.0	6.8	17.4	29.5	43.5	59.8	77.5	94.2	111.4	127.7	143.6
30°	0.0	7.0	18.0	30.5	45.2	62.3	80.3	97.6	115.3	131.6	148.1
27.5°	0.0	7.2	18.5	31.4	46.8	64.6	83.0	100.8	118.8	135.3	152.3
25°	0.0	7.3	19.1	32.3	48.4	66.7	85.5	103.7	121.8	138.7	155.9
22.5°	0.0	7.5	19.5	33.1	49.8	68.7	87.7	106.3	124.6	141.8	159.1
20°	0.0	7.6	20.0	33.8	51.1	70.4	89.8	108.7	127.0	144.4	162.0
17.5°	0.0	7.7	20.3	34.4	52.3	72.0	91.5	110.8	129.2	146.7	164.5
15°	0.0	7.8	20.7	35.0	53.4	73.3	93.1	112.6	131.1	148.6	166.7
12.5°	0.0	7.9	21.0	35.4	54.3	74.5	94.3	114.1	132.8	150.2	168.4
10°	0.0	8.0	21.2	35.8	55.1	75.4	95.4	115.4	134.1	151.8	169.9
7.5°	0.0	8.0	21.4	36.1	55.7	76.1	96.2	116.3	135.2	153.1	170.9
5°	0.0	8.1	21.5	36.3	56.2	76.6	96.8	117.0	135.9	154.2	171.5
2.5°	0.0	8.1	21.6	36.5	56.6	76.9	97.2	117.5	136.3	155.0	171.8
0°	0.0	8.1	21.6	36.5	56.8	77.0	97.3	117.6	136.5	155.4	171.6
-2.5°	0.0	8.1	21.6	36.5	56.8	77.0	97.3	117.6	136.5	155.4	171.6
-5°	0.0	8.1	21.5	36.3	56.2	76.6	96.8	117.0	135.9	154.2	171.5
-7.5°	0.0	8.0	21.4	36.1	55.7	76.1	96.2	116.3	135.2	153.1	170.9
-10°	0.0	8.0	21.2	35.8	55.1	75.4	95.4	115.4	134.1	151.8	169.9
-12.5°	0.0	7.9	21.0	35.4	54.3	74.5	94.3	114.1	132.8	150.2	168.4
-15°	0.0	7.8	20.7	35.0	53.4	73.3	93.1	112.6	131.1	148.6	166.7
-17.5°	0.0	7.7	20.3	34.4	52.3	72.0	91.5	110.8	129.2	146.7	164.5
-20°	0.0	7.6	20.0	33.8	51.1	70.4	89.8	108.7	127.0	144.4	162.0



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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	7.5	19.5	33.1	49.8	68.7	87.7	106.3	124.6	141.8	159.1
-25°	0.0	7.3	19.1	32.3	48.4	66.7	85.5	103.7	121.8	138.7	155.9
-27.5°	0.0	7.2	18.5	31.4	46.8	64.6	83.0	100.8	118.8	135.3	152.3
-30°	0.0	7.0	18.0	30.5	45.2	62.3	80.3	97.6	115.3	131.6	148.1
-32.5°	0.0	6.8	17.4	29.5	43.5	59.8	77.5	94.2	111.4	127.7	143.6
-35°	0.0	6.6	16.7	28.4	41.6	57.2	74.3	90.6	107.2	123.4	138.6
-37.5°	0.0	6.4	16.0	27.2	39.7	54.5	71.0	86.8	102.7	118.9	133.4
-40°	0.0	6.2	15.3	26.0	37.6	52.0	67.4	82.8	97.9	113.7	128.0
-42.5°	0.0	6.0	14.5	24.7	35.6	49.2	63.8	78.6	93.0	107.9	122.3
-45°	0.0	5.7	13.7	23.3	33.8	46.4	59.9	74.2	87.9	102.0	116.2
-47.5°	0.0	5.5	12.8	21.9	31.9	43.4	56.0	69.5	82.7	95.9	109.4
-50°	0.0	5.2	11.9	20.5	29.8	40.3	52.2	64.8	77.3	89.8	102.4
-52.5°	0.0	4.9	11.0	19.1	27.7	37.0	48.3	59.9	71.8	83.6	95.3
-55°	0.0	4.6	10.1	17.7	25.6	34.2	44.3	54.9	66.1	77.2	88.1
-57.5°	0.0	4.4	9.1	16.2	23.3	31.4	40.2	50.1	60.2	70.5	80.8
-60°	0.0	4.0	8.1	14.7	21.0	28.4	36.1	45.2	54.2	63.8	73.3
-62.5°	0.0	3.7	7.5	13.2	19.0	25.4	32.4	40.1	48.5	56.8	65.6
-65°	0.0	3.4	6.8	11.6	17.0	22.3	28.7	35.2	42.6	50.2	57.7
-67.5°	0.0	3.1	6.2	10.0	14.9	19.5	24.8	30.8	36.7	43.5	50.2
-70°	0.0	2.8	5.5	8.4	12.8	16.9	20.9	26.3	31.6	36.7	42.6
-72.5°	0.0	2.4	4.9	7.3	10.6	14.3	17.8	21.7	26.5	31.0	35.3
-75°	0.0	2.1	4.2	6.3	8.5	11.7	14.7	17.9	21.4	25.4	29.2
-77.5°	0.0	1.8	3.5	5.2	7.0	9.0	11.6	14.2	17.0	19.9	23.0
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	10.6	12.7	15.0	17.3
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.4	10.0	11.7
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
-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°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
85°	7.5	8.1	9.0	9.9	10.7	11.4	12.0	12.6	13.4	14.2	15.0
82.5°	13.1	14.5	15.7	16.9	17.9	18.8	19.7	21.0	22.8	24.4	25.8
80°	19.2	20.9	22.9	25.0	27.1	29.1	31.3	33.4	35.2	37.0	38.8
77.5°	25.8	28.5	31.3	34.1	37.0	40.3	43.4	46.4	49.1	51.8	54.5
75°	32.7	36.1	40.2	44.3	48.3	52.2	56.0	59.9	63.5	67.1	70.4
72.5°	40.1	45.2	50.1	54.9	60.1	65.1	69.7	74.0	78.5	83.1	87.2
70°	48.5	54.2	60.4	66.6	72.7	78.3	83.8	89.4	95.0	99.8	103.9
67.5°	56.9	63.9	71.1	78.2	84.9	91.3	97.9	104.1	109.9	114.9	119.6
65°	65.6	73.6	81.4	89.1	96.5	104.1	111.3	118.0	124.2	129.9	135.3
62.5°	74.2	82.9	91.4	99.9	108.6	116.9	124.4	131.5	138.4	144.5	150.2
60°	82.6	92.0	101.4	110.9	120.3	129.0	137.1	144.5	151.5	158.2	164.2
57.5°	90.8	100.9	111.1	121.4	131.3	140.7	148.9	156.8	164.0	170.8	177.1
55°	98.9	109.5	120.5	131.4	141.7	151.4	160.2	168.1	175.8	182.0	188.0
52.5°	106.9	118.0	129.6	140.9	151.5	161.5	170.7	178.7	185.6	192.0	197.3
50°	114.7	126.4	138.3	149.7	160.6	170.9	180.1	187.8	194.4	200.3	205.2
47.5°	122.1	134.4	146.3	158.1	169.2	179.3	188.4	195.6	202.1	207.4	212.0
45°	129.1	141.9	154.2	165.8	177.1	187.1	195.4	202.7	208.6	214.0	218.6
42.5°	135.7	149.2	161.6	173.2	184.3	193.9	202.1	208.8	214.9	220.1	225.3
40°	142.2	156.2	168.7	180.2	191.0	200.1	207.7	214.7	220.7	226.6	232.2
37.5°	148.4	162.6	175.6	187.1	196.6	205.6	213.1	220.0	226.8	233.2	240.7
35°	154.4	168.7	181.8	193.2	202.6	210.4	218.1	225.6	233.4	241.5	250.3
32.5°	159.9	174.7	187.9	198.4	207.1	215.0	223.0	232.1	241.3	250.6	261.4
30°	164.8	180.0	193.4	203.1	211.3	219.1	228.5	238.9	249.7	260.4	273.0
27.5°	169.1	185.0	197.5	206.9	214.9	222.4	233.0	246.4	258.1	269.5	283.4
25°	173.0	189.1	201.2	210.1	217.6	225.7	236.7	250.4	265.2	277.6	297.0
22.5°	176.5	192.7	204.7	213.0	219.7	228.5	239.6	253.1	268.3	284.0	310.8
20°	179.4	195.3	207.6	215.4	221.3	230.4	241.2	255.0	271.9	294.6	324.2
17.5°	182.0	198.0	209.9	217.0	223.3	231.9	241.8	256.2	275.8	304.1	336.5
15°	184.2	200.7	211.7	218.3	224.9	233.3	244.0	259.0	281.6	312.9	347.9
12.5°	186.0	203.2	213.2	219.4	225.9	234.4	246.4	263.5	288.6	321.7	360.4
10°	187.5	205.5	214.5	220.2	226.4	235.1	248.5	267.1	294.4	329.9	371.5
7.5°	188.8	207.4	215.4	220.9	226.5	235.5	250.1	269.6	298.6	336.6	380.8
5°	189.8	208.5	216.3	221.3	226.4	235.6	251.4	271.2	301.3	341.7	387.8
2.5°	190.4	209.3	217.0	221.5	226.2	235.6	252.4	273.9	304.6	345.5	392.0
0°	190.6	209.5	217.6	221.6	225.7	235.2	252.7	275.7	306.8	347.3	393.3
-2.5°	190.4	209.3	217.0	221.5	226.2	235.6	252.4	273.9	304.6	345.5	392.0
-5°	189.8	208.5	216.3	221.3	226.4	235.6	251.4	271.2	301.3	341.7	387.8
-7.5°	188.8	207.4	215.4	220.9	226.5	235.5	250.1	269.6	298.6	336.6	380.8
-10°	187.5	205.5	214.5	220.2	226.4	235.1	248.5	267.1	294.4	329.9	371.5
-12.5°	186.0	203.2	213.2	219.4	225.9	234.4	246.4	263.5	288.6	321.7	360.4
-15°	184.2	200.7	211.7	218.3	224.9	233.3	244.0	259.0	281.6	312.9	347.9
-17.5°	182.0	198.0	209.9	217.0	223.3	231.9	241.8	256.2	275.8	304.1	336.5
-20°	179.4	195.3	207.6	215.4	221.3	230.4	241.2	255.0	271.9	294.6	324.2



REPORT NUMBER: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	176.5	192.7	204.7	213.0	219.7	228.5	239.6	253.1	268.3	284.0	310.8
-25°	173.0	189.1	201.2	210.1	217.6	225.7	236.7	250.4	265.2	277.6	297.0
-27.5°	169.1	185.0	197.5	206.9	214.9	222.4	233.0	246.4	258.1	269.5	283.4
-30°	164.8	180.0	193.4	203.1	211.3	219.1	228.5	238.9	249.7	260.4	273.0
-32.5°	159.9	174.7	187.9	198.4	207.1	215.0	223.0	232.1	241.3	250.6	261.4
-35°	154.4	168.7	181.8	193.2	202.6	210.4	218.1	225.6	233.4	241.5	250.3
-37.5°	148.4	162.6	175.6	187.1	196.6	205.6	213.1	220.0	226.8	233.2	240.7
-40°	142.2	156.2	168.7	180.2	191.0	200.1	207.7	214.7	220.7	226.6	232.2
-42.5°	135.7	149.2	161.6	173.2	184.3	193.9	202.1	208.8	214.9	220.1	225.3
-45°	129.1	141.9	154.2	165.8	177.1	187.1	195.4	202.7	208.6	214.0	218.6
-47.5°	122.1	134.4	146.3	158.1	169.2	179.3	188.4	195.6	202.1	207.4	212.0
-50°	114.7	126.4	138.3	149.7	160.6	170.9	180.1	187.8	194.4	200.3	205.2
-52.5°	106.9	118.0	129.6	140.9	151.5	161.5	170.7	178.7	185.6	192.0	197.3
-55°	98.9	109.5	120.5	131.4	141.7	151.4	160.2	168.1	175.8	182.0	188.0
-57.5°	90.8	100.9	111.1	121.4	131.3	140.7	148.9	156.8	164.0	170.8	177.1
-60°	82.6	92.0	101.4	110.9	120.3	129.0	137.1	144.5	151.5	158.2	164.2
-62.5°	74.2	82.9	91.4	99.9	108.6	116.9	124.4	131.5	138.4	144.5	150.2
-65°	65.6	73.6	81.4	89.1	96.5	104.1	111.3	118.0	124.2	129.9	135.3
-67.5°	56.9	63.9	71.1	78.2	84.9	91.3	97.9	104.1	109.9	114.9	119.6
-70°	48.5	54.2	60.4	66.6	72.7	78.3	83.8	89.4	95.0	99.8	103.9
-72.5°	40.1	45.2	50.1	54.9	60.1	65.1	69.7	74.0	78.5	83.1	87.2
-75°	32.7	36.1	40.2	44.3	48.3	52.2	56.0	59.9	63.5	67.1	70.4
-77.5°	25.8	28.5	31.3	34.1	37.0	40.3	43.4	46.4	49.1	51.8	54.5
-80°	19.2	20.9	22.9	25.0	27.1	29.1	31.3	33.4	35.2	37.0	38.8
-82.5°	13.1	14.5	15.7	16.9	17.9	18.8	19.7	21.0	22.8	24.4	25.8
-85°	7.5	8.1	9.0	9.9	10.7	11.4	12.0	12.6	13.4	14.2	15.0
-87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
-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: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	6.6	6.6	6.5	6.3	6.2	6.6	7.0	7.4	7.8	7.9	8.0
85°	15.9	16.4	16.9	17.3	17.8	18.3	18.7	19.1	19.5	20.0	20.6
82.5°	27.0	28.1	29.1	30.1	30.9	32.0	33.0	33.9	34.8	35.4	35.8
80°	40.6	42.5	44.2	45.6	46.9	48.6	50.1	51.5	52.8	53.6	54.2
77.5°	57.1	59.4	61.5	63.6	65.5	67.3	68.8	70.1	71.1	72.3	73.5
75°	73.6	76.6	79.5	82.1	84.4	86.4	88.3	90.0	91.5	92.9	94.0
72.5°	91.0	94.5	97.6	100.4	103.1	105.8	108.2	110.4	112.3	113.9	115.2
70°	107.8	111.6	115.4	118.9	122.1	125.1	127.7	130.1	132.1	133.9	135.3
67.5°	124.1	128.4	132.7	136.6	140.1	143.3	146.2	149.0	151.5	153.4	154.7
65°	140.3	145.0	149.6	153.7	157.2	160.5	163.9	166.8	169.2	171.1	172.3
62.5°	155.9	161.1	165.5	169.7	173.8	177.2	180.1	182.7	185.2	187.2	188.5
60°	169.9	175.3	179.6	183.6	187.3	190.7	193.5	196.3	198.9	201.2	203.0
57.5°	182.3	187.3	191.7	195.3	198.5	201.5	204.3	206.7	208.5	209.9	211.1
55°	193.1	197.5	201.7	205.1	208.0	210.5	212.6	214.2	215.5	216.4	217.1
52.5°	202.3	206.4	210.4	213.9	216.1	218.1	219.9	221.9	223.0	223.2	223.1
50°	209.7	214.0	217.7	220.7	223.8	227.2	230.8	232.5	233.2	232.7	232.2
47.5°	216.4	220.7	224.7	228.5	232.9	238.6	244.4	247.2	246.9	245.7	245.1
45°	223.1	227.7	232.5	238.3	244.5	251.9	258.6	262.9	262.9	263.0	264.0
42.5°	230.0	235.8	242.2	250.2	258.3	266.6	273.7	279.0	282.9	287.7	291.7
40°	238.6	245.1	254.6	264.5	275.0	283.8	295.0	304.5	312.4	319.6	325.0
37.5°	248.6	257.8	270.0	282.7	296.3	310.1	323.1	335.3	345.6	357.5	366.3
35°	260.6	273.8	288.6	304.4	321.4	338.8	355.6	375.0	392.0	407.2	419.7
32.5°	274.7	290.6	308.7	329.7	350.9	374.0	398.1	423.0	447.0	472.0	496.9
30°	288.8	309.7	333.0	358.4	383.4	413.5	444.9	485.6	528.3	576.9	651.7
27.5°	306.0	331.0	358.0	387.3	421.6	460.1	520.6	595.9	724.4	820.4	1078.1
25°	322.8	351.3	386.1	424.1	470.2	540.6	685.2	852.4	1224.8	1573.5	1976.3
22.5°	339.9	375.4	417.0	463.4	543.5	724.9	1000.2	1504.4	2079.7	2690.3	3312.3
20°	357.0	398.9	451.0	528.5	696.2	1006.4	1624.5	2434.7	3252.2	4250.9	5114.5
17.5°	376.4	428.3	496.4	612.9	889.2	1554.0	2468.2	3592.4	4857.5	6141.3	7219.3
15°	392.4	453.2	544.4	772.0	1293.8	2175.7	3372.0	4896.0	6621.0	8244.0	9628.4
12.5°	410.0	480.8	600.7	901.1	1667.0	2826.6	4403.1	6278.5	8347.8	10571.8	14093.1
10°	426.3	508.6	695.2	1169.2	2097.3	3484.2	5326.5	7439.6	9949.2	14402.0	22725.8
7.5°	440.0	530.6	766.3	1369.0	2486.8	4104.7	6079.3	8432.4	12205.5	19686.4	33693.4
5°	449.4	545.2	815.7	1518.5	2797.0	4562.4	6560.5	9086.2	14507.4	26145.9	43011.8
2.5°	456.0	553.1	842.0	1605.7	2993.3	4865.4	6901.5	9526.1	16052.9	29882.2	49642.7
0°	460.9	555.5	847.4	1681.3	3059.8	4968.1	6918.3	9644.2	16582.8	31341.1	52005.4
-2.5°	456.0	553.1	842.0	1605.7	2993.3	4865.4	6901.5	9526.1	16052.9	29882.2	49642.7
-5°	449.4	545.2	815.7	1518.5	2797.0	4562.4	6560.5	9086.2	14507.4	26145.9	43011.8
-7.5°	440.0	530.6	766.3	1369.0	2486.8	4104.7	6079.3	8432.4	12205.5	19686.4	33693.4
-10°	426.3	508.6	695.2	1169.2	2097.3	3484.2	5326.5	7439.6	9949.2	14402.0	22725.8
-12.5°	410.0	480.8	600.7	901.1	1667.0	2826.6	4403.1	6278.5	8347.8	10571.8	14093.1
-15°	392.4	453.2	544.4	772.0	1293.8	2175.7	3372.0	4896.0	6621.0	8244.0	9628.4
-17.5°	376.4	428.3	496.4	612.9	889.2	1554.0	2468.2	3592.4	4857.5	6141.3	7219.3
-20°	357.0	398.9	451.0	528.5	696.2	1006.4	1624.5	2434.7	3252.2	4250.9	5114.5



REPORT NUMBER: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	339.9	375.4	417.0	463.4	543.5	724.9	1000.2	1504.4	2079.7	2690.3	3312.3
-25°	322.8	351.3	386.1	424.1	470.2	540.6	685.2	852.4	1224.8	1573.5	1976.3
-27.5°	306.0	331.0	358.0	387.3	421.6	460.1	520.6	595.9	724.4	820.4	1078.1
-30°	288.8	309.7	333.0	358.4	383.4	413.5	444.9	485.6	528.3	576.9	651.7
-32.5°	274.7	290.6	308.7	329.7	350.9	374.0	398.1	423.0	447.0	472.0	496.9
-35°	260.6	273.8	288.6	304.4	321.4	338.8	355.6	375.0	392.0	407.2	419.7
-37.5°	248.6	257.8	270.0	282.7	296.3	310.1	323.1	335.3	345.6	357.5	366.3
-40°	238.6	245.1	254.6	264.5	275.0	283.8	295.0	304.5	312.4	319.6	325.0
-42.5°	230.0	235.8	242.2	250.2	258.3	266.6	273.7	279.0	282.9	287.7	291.7
-45°	223.1	227.7	232.5	238.3	244.5	251.9	258.6	262.9	262.9	263.0	264.0
-47.5°	216.4	220.7	224.7	228.5	232.9	238.6	244.4	247.2	246.9	245.7	245.1
-50°	209.7	214.0	217.7	220.7	223.8	227.2	230.8	232.5	233.2	232.7	232.2
-52.5°	202.3	206.4	210.4	213.9	216.1	218.1	219.9	221.9	223.0	223.2	223.1
-55°	193.1	197.5	201.7	205.1	208.0	210.5	212.6	214.2	215.5	216.4	217.1
-57.5°	182.3	187.3	191.7	195.3	198.5	201.5	204.3	206.7	208.5	209.9	211.1
-60°	169.9	175.3	179.6	183.6	187.3	190.7	193.5	196.3	198.9	201.2	203.0
-62.5°	155.9	161.1	165.5	169.7	173.8	177.2	180.1	182.7	185.2	187.2	188.5
-65°	140.3	145.0	149.6	153.7	157.2	160.5	163.9	166.8	169.2	171.1	172.3
-67.5°	124.1	128.4	132.7	136.6	140.1	143.3	146.2	149.0	151.5	153.4	154.7
-70°	107.8	111.6	115.4	118.9	122.1	125.1	127.7	130.1	132.1	133.9	135.3
-72.5°	91.0	94.5	97.6	100.4	103.1	105.8	108.2	110.4	112.3	113.9	115.2
-75°	73.6	76.6	79.5	82.1	84.4	86.4	88.3	90.0	91.5	92.9	94.0
-77.5°	57.1	59.4	61.5	63.6	65.5	67.3	68.8	70.1	71.1	72.3	73.5
-80°	40.6	42.5	44.2	45.6	46.9	48.6	50.1	51.5	52.8	53.6	54.2
-82.5°	27.0	28.1	29.1	30.1	30.9	32.0	33.0	33.9	34.8	35.4	35.8
-85°	15.9	16.4	16.9	17.3	17.8	18.3	18.7	19.1	19.5	20.0	20.6
-87.5°	6.6	6.6	6.5	6.3	6.2	6.6	7.0	7.4	7.8	7.9	8.0
-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: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.4
85°	21.0	21.5	20.9	20.3	20.9	21.5	21.0	20.6	20.0	19.5	19.1
82.5°	36.1	36.3	36.5	36.5	36.5	36.3	36.1	35.8	35.4	34.8	33.9
80°	54.7	55.1	56.0	56.8	56.0	55.1	54.7	54.2	53.6	52.8	51.5
77.5°	74.5	75.3	75.6	75.7	75.6	75.3	74.5	73.5	72.3	71.1	70.1
75°	94.9	95.5	97.2	98.7	97.2	95.5	94.9	94.0	92.9	91.5	90.0
72.5°	116.3	117.0	118.1	118.9	118.1	117.0	116.3	115.2	113.9	112.3	110.4
70°	136.5	137.3	137.7	137.9	137.7	137.3	136.5	135.3	133.9	132.1	130.1
67.5°	155.6	156.2	156.0	155.4	156.0	156.2	155.6	154.7	153.4	151.5	149.0
65°	173.2	173.7	173.5	173.0	173.5	173.7	173.2	172.3	171.1	169.2	166.8
62.5°	189.4	189.9	190.4	190.6	190.4	189.9	189.4	188.5	187.2	185.2	182.7
60°	204.6	205.9	206.6	206.8	206.6	205.9	204.6	203.0	201.2	198.9	196.3
57.5°	212.2	213.0	213.4	213.5	213.4	213.0	212.2	211.1	209.9	208.5	206.7
55°	217.4	217.5	217.0	216.2	217.0	217.5	217.4	217.1	216.4	215.5	214.2
52.5°	222.6	221.8	221.5	221.6	221.5	221.8	222.6	223.1	223.2	223.0	221.9
50°	231.4	230.2	229.6	229.8	229.6	230.2	231.4	232.2	232.7	233.2	232.5
47.5°	245.9	246.4	247.0	247.3	247.0	246.4	245.9	245.1	245.7	246.9	247.2
45°	266.7	268.6	269.8	270.3	269.8	268.6	266.7	264.0	263.0	262.9	262.9
42.5°	295.8	298.1	299.0	298.7	299.0	298.1	295.8	291.7	287.7	282.9	279.0
40°	330.7	335.3	337.9	337.9	337.9	335.3	330.7	325.0	319.6	312.4	304.5
37.5°	374.2	380.4	383.4	382.5	383.4	380.4	374.2	366.3	357.5	345.6	335.3
35°	429.1	435.2	437.7	440.6	437.7	435.2	429.1	419.7	407.2	392.0	375.0
32.5°	516.6	528.9	533.8	527.1	533.8	528.9	516.6	496.9	472.0	447.0	423.0
30°	702.3	747.2	777.2	792.0	777.2	747.2	702.3	651.7	576.9	528.3	485.6
27.5°	1255.5	1373.0	1422.7	1450.2	1422.7	1373.0	1255.5	1078.1	820.4	724.4	595.9
25°	2321.2	2571.8	2716.1	2704.3	2716.1	2571.8	2321.2	1976.3	1573.5	1224.8	852.4
22.5°	3890.2	4285.6	4522.7	4609.9	4522.7	4285.6	3890.2	3312.3	2690.3	2079.7	1504.4
20°	5835.3	6278.7	6510.6	6545.3	6510.6	6278.7	5835.3	5114.5	4250.9	3252.2	2434.7
17.5°	8067.7	8488.0	8732.3	8729.3	8732.3	8488.0	8067.7	7219.3	6141.3	4857.5	3592.4
15°	11514.1	13141.1	14058.5	13924.4	14058.5	13141.1	11514.1	9628.4	8244.0	6621.0	4896.0
12.5°	18866.6	25364.8	29395.6	30391.0	29395.6	25364.8	18866.6	14093.1	10571.8	8347.8	6278.5
10°	33339.8	43061.5	50825.4	53069.0	50825.4	43061.5	33339.8	22725.8	14402.0	9949.2	7439.6
7.5°	47957.1	59495.2	64243.6	64795.3	64243.6	59495.2	47957.1	33693.4	19686.4	12205.5	8432.4
5°	58990.3	70730.7	72089.6	68676.1	72089.6	70730.7	58990.3	43011.8	26145.9	14507.4	9086.2
2.5°	66273.1	75143.2	76409.9	74572.7	76409.9	75143.2	66273.1	49642.7	29882.2	16052.9	9526.1
0°	67934.1	73969.9	75769.4	75966.0	75769.4	73969.9	67934.1	52005.4	31341.1	16582.8	9644.2
-2.5°	66273.1	75143.2	76409.9	74572.7	76409.9	75143.2	66273.1	49642.7	29882.2	16052.9	9526.1
-5°	58990.3	70730.7	72089.6	68676.1	72089.6	70730.7	58990.3	43011.8	26145.9	14507.4	9086.2
-7.5°	47957.1	59495.2	64243.6	64795.3	64243.6	59495.2	47957.1	33693.4	19686.4	12205.5	8432.4
-10°	33339.8	43061.5	50825.4	53069.0	50825.4	43061.5	33339.8	22725.8	14402.0	9949.2	7439.6
-12.5°	18866.6	25364.8	29395.6	30391.0	29395.6	25364.8	18866.6	14093.1	10571.8	8347.8	6278.5
-15°	11514.1	13141.1	14058.5	13924.4	14058.5	13141.1	11514.1	9628.4	8244.0	6621.0	4896.0
-17.5°	8067.7	8488.0	8732.3	8729.3	8732.3	8488.0	8067.7	7219.3	6141.3	4857.5	3592.4
-20°	5835.3	6278.7	6510.6	6545.3	6510.6	6278.7	5835.3	5114.5	4250.9	3252.2	2434.7



REPORT NUMBER: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	3890.2	4285.6	4522.7	4609.9	4522.7	4285.6	3890.2	3312.3	2690.3	2079.7	1504.4
-25°	2321.2	2571.8	2716.1	2704.3	2716.1	2571.8	2321.2	1976.3	1573.5	1224.8	852.4
-27.5°	1255.5	1373.0	1422.7	1450.2	1422.7	1373.0	1255.5	1078.1	820.4	724.4	595.9
-30°	702.3	747.2	777.2	792.0	777.2	747.2	702.3	651.7	576.9	528.3	485.6
-32.5°	516.6	528.9	533.8	527.1	533.8	528.9	516.6	496.9	472.0	447.0	423.0
-35°	429.1	435.2	437.7	440.6	437.7	435.2	429.1	419.7	407.2	392.0	375.0
-37.5°	374.2	380.4	383.4	382.5	383.4	380.4	374.2	366.3	357.5	345.6	335.3
-40°	330.7	335.3	337.9	337.9	337.9	335.3	330.7	325.0	319.6	312.4	304.5
-42.5°	295.8	298.1	299.0	298.7	299.0	298.1	295.8	291.7	287.7	282.9	279.0
-45°	266.7	268.6	269.8	270.3	269.8	268.6	266.7	264.0	263.0	262.9	262.9
-47.5°	245.9	246.4	247.0	247.3	247.0	246.4	245.9	245.1	245.7	246.9	247.2
-50°	231.4	230.2	229.6	229.8	229.6	230.2	231.4	232.2	232.7	233.2	232.5
-52.5°	222.6	221.8	221.5	221.6	221.5	221.8	222.6	223.1	223.2	223.0	221.9
-55°	217.4	217.5	217.0	216.2	217.0	217.5	217.4	217.1	216.4	215.5	214.2
-57.5°	212.2	213.0	213.4	213.5	213.4	213.0	212.2	211.1	209.9	208.5	206.7
-60°	204.6	205.9	206.6	206.8	206.6	205.9	204.6	203.0	201.2	198.9	196.3
-62.5°	189.4	189.9	190.4	190.6	190.4	189.9	189.4	188.5	187.2	185.2	182.7
-65°	173.2	173.7	173.5	173.0	173.5	173.7	173.2	172.3	171.1	169.2	166.8
-67.5°	155.6	156.2	156.0	155.4	156.0	156.2	155.6	154.7	153.4	151.5	149.0
-70°	136.5	137.3	137.7	137.9	137.7	137.3	136.5	135.3	133.9	132.1	130.1
-72.5°	116.3	117.0	118.1	118.9	118.1	117.0	116.3	115.2	113.9	112.3	110.4
-75°	94.9	95.5	97.2	98.7	97.2	95.5	94.9	94.0	92.9	91.5	90.0
-77.5°	74.5	75.3	75.6	75.7	75.6	75.3	74.5	73.5	72.3	71.1	70.1
-80°	54.7	55.1	56.0	56.8	56.0	55.1	54.7	54.2	53.6	52.8	51.5
-82.5°	36.1	36.3	36.5	36.5	36.5	36.3	36.1	35.8	35.4	34.8	33.9
-85°	21.0	21.5	20.9	20.3	20.9	21.5	21.0	20.6	20.0	19.5	19.1
-87.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.4
-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: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	7.0	6.6	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
85°	18.7	18.3	17.8	17.3	16.9	16.4	15.9	15.0	14.2	13.4	12.6
82.5°	33.0	32.0	30.9	30.1	29.1	28.1	27.0	25.8	24.4	22.8	21.0
80°	50.1	48.6	46.9	45.6	44.2	42.5	40.6	38.8	37.0	35.2	33.4
77.5°	68.8	67.3	65.5	63.6	61.5	59.4	57.1	54.5	51.8	49.1	46.4
75°	88.3	86.4	84.4	82.1	79.5	76.6	73.6	70.4	67.1	63.5	59.9
72.5°	108.2	105.8	103.1	100.4	97.6	94.5	91.0	87.2	83.1	78.5	74.0
70°	127.7	125.1	122.1	118.9	115.4	111.6	107.8	103.9	99.8	95.0	89.4
67.5°	146.2	143.3	140.1	136.6	132.7	128.4	124.1	119.6	114.9	109.9	104.1
65°	163.9	160.5	157.2	153.7	149.6	145.0	140.3	135.3	129.9	124.2	118.0
62.5°	180.1	177.2	173.8	169.7	165.5	161.1	155.9	150.2	144.5	138.4	131.5
60°	193.5	190.7	187.3	183.6	179.6	175.3	169.9	164.2	158.2	151.5	144.5
57.5°	204.3	201.5	198.5	195.3	191.7	187.3	182.3	177.1	170.8	164.0	156.8
55°	212.6	210.5	208.0	205.1	201.7	197.5	193.1	188.0	182.0	175.8	168.1
52.5°	219.9	218.1	216.1	213.9	210.4	206.4	202.3	197.3	192.0	185.6	178.7
50°	230.8	227.2	223.8	220.7	217.7	214.0	209.7	205.2	200.3	194.4	187.8
47.5°	244.4	238.6	232.9	228.5	224.7	220.7	216.4	212.0	207.4	202.1	195.6
45°	258.6	251.9	244.5	238.3	232.5	227.7	223.1	218.6	214.0	208.6	202.7
42.5°	273.7	266.6	258.3	250.2	242.2	235.8	230.0	225.3	220.1	214.9	208.8
40°	295.0	283.8	275.0	264.5	254.6	245.1	238.6	232.2	226.6	220.7	214.7
37.5°	323.1	310.1	296.3	282.7	270.0	257.8	248.6	240.7	233.2	226.8	220.0
35°	355.6	338.8	321.4	304.4	288.6	273.8	260.6	250.3	241.5	233.4	225.6
32.5°	398.1	374.0	350.9	329.7	308.7	290.6	274.7	261.4	250.6	241.3	232.1
30°	444.9	413.5	383.4	358.4	333.0	309.7	288.8	273.0	260.4	249.7	238.9
27.5°	520.6	460.1	421.6	387.3	358.0	331.0	306.0	283.4	269.5	258.1	246.4
25°	685.2	540.6	470.2	424.1	386.1	351.3	322.8	297.0	277.6	265.2	250.4
22.5°	1000.2	724.9	543.5	463.4	417.0	375.4	339.9	310.8	284.0	268.3	253.1
20°	1624.5	1006.4	696.2	528.5	451.0	398.9	357.0	324.2	294.6	271.9	255.0
17.5°	2468.2	1554.0	889.2	612.9	496.4	428.3	376.4	336.5	304.1	275.8	256.2
15°	3372.0	2175.7	1293.8	772.0	544.4	453.2	392.4	347.9	312.9	281.6	259.0
12.5°	4403.1	2826.6	1667.0	901.1	600.7	480.8	410.0	360.4	321.7	288.6	263.5
10°	5326.5	3484.2	2097.3	1169.2	695.2	508.6	426.3	371.5	329.9	294.4	267.1
7.5°	6079.3	4104.7	2486.8	1369.0	766.3	530.6	440.0	380.8	336.6	298.6	269.6
5°	6560.5	4562.4	2797.0	1518.5	815.7	545.2	449.4	387.8	341.7	301.3	271.2
2.5°	6901.5	4865.4	2993.3	1605.7	842.0	553.1	456.0	392.0	345.5	304.6	273.9
0°	6918.3	4968.1	3059.8	1681.3	847.4	555.5	460.9	393.3	347.3	306.8	275.7
-2.5°	6901.5	4865.4	2993.3	1605.7	842.0	553.1	456.0	392.0	345.5	304.6	273.9
-5°	6560.5	4562.4	2797.0	1518.5	815.7	545.2	449.4	387.8	341.7	301.3	271.2
-7.5°	6079.3	4104.7	2486.8	1369.0	766.3	530.6	440.0	380.8	336.6	298.6	269.6
-10°	5326.5	3484.2	2097.3	1169.2	695.2	508.6	426.3	371.5	329.9	294.4	267.1
-12.5°	4403.1	2826.6	1667.0	901.1	600.7	480.8	410.0	360.4	321.7	288.6	263.5
-15°	3372.0	2175.7	1293.8	772.0	544.4	453.2	392.4	347.9	312.9	281.6	259.0
-17.5°	2468.2	1554.0	889.2	612.9	496.4	428.3	376.4	336.5	304.1	275.8	256.2
-20°	1624.5	1006.4	696.2	528.5	451.0	398.9	357.0	324.2	294.6	271.9	255.0



REPORT NUMBER: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1000.2	724.9	543.5	463.4	417.0	375.4	339.9	310.8	284.0	268.3	253.1
-25°	685.2	540.6	470.2	424.1	386.1	351.3	322.8	297.0	277.6	265.2	250.4
-27.5°	520.6	460.1	421.6	387.3	358.0	331.0	306.0	283.4	269.5	258.1	246.4
-30°	444.9	413.5	383.4	358.4	333.0	309.7	288.8	273.0	260.4	249.7	238.9
-32.5°	398.1	374.0	350.9	329.7	308.7	290.6	274.7	261.4	250.6	241.3	232.1
-35°	355.6	338.8	321.4	304.4	288.6	273.8	260.6	250.3	241.5	233.4	225.6
-37.5°	323.1	310.1	296.3	282.7	270.0	257.8	248.6	240.7	233.2	226.8	220.0
-40°	295.0	283.8	275.0	264.5	254.6	245.1	238.6	232.2	226.6	220.7	214.7
-42.5°	273.7	266.6	258.3	250.2	242.2	235.8	230.0	225.3	220.1	214.9	208.8
-45°	258.6	251.9	244.5	238.3	232.5	227.7	223.1	218.6	214.0	208.6	202.7
-47.5°	244.4	238.6	232.9	228.5	224.7	220.7	216.4	212.0	207.4	202.1	195.6
-50°	230.8	227.2	223.8	220.7	217.7	214.0	209.7	205.2	200.3	194.4	187.8
-52.5°	219.9	218.1	216.1	213.9	210.4	206.4	202.3	197.3	192.0	185.6	178.7
-55°	212.6	210.5	208.0	205.1	201.7	197.5	193.1	188.0	182.0	175.8	168.1
-57.5°	204.3	201.5	198.5	195.3	191.7	187.3	182.3	177.1	170.8	164.0	156.8
-60°	193.5	190.7	187.3	183.6	179.6	175.3	169.9	164.2	158.2	151.5	144.5
-62.5°	180.1	177.2	173.8	169.7	165.5	161.1	155.9	150.2	144.5	138.4	131.5
-65°	163.9	160.5	157.2	153.7	149.6	145.0	140.3	135.3	129.9	124.2	118.0
-67.5°	146.2	143.3	140.1	136.6	132.7	128.4	124.1	119.6	114.9	109.9	104.1
-70°	127.7	125.1	122.1	118.9	115.4	111.6	107.8	103.9	99.8	95.0	89.4
-72.5°	108.2	105.8	103.1	100.4	97.6	94.5	91.0	87.2	83.1	78.5	74.0
-75°	88.3	86.4	84.4	82.1	79.5	76.6	73.6	70.4	67.1	63.5	59.9
-77.5°	68.8	67.3	65.5	63.6	61.5	59.4	57.1	54.5	51.8	49.1	46.4
-80°	50.1	48.6	46.9	45.6	44.2	42.5	40.6	38.8	37.0	35.2	33.4
-82.5°	33.0	32.0	30.9	30.1	29.1	28.1	27.0	25.8	24.4	22.8	21.0
-85°	18.7	18.3	17.8	17.3	16.9	16.4	15.9	15.0	14.2	13.4	12.6
-87.5°	7.0	6.6	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
-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: P558895 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
85°	12.0	11.4	10.7	9.9	9.0	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	19.7	18.8	17.9	16.9	15.7	14.5	13.1	11.7	10.0	8.4	7.3
80°	31.3	29.1	27.1	25.0	22.9	20.9	19.2	17.3	15.0	12.7	10.6
77.5°	43.4	40.3	37.0	34.1	31.3	28.5	25.8	23.0	19.9	17.0	14.2
75°	56.0	52.2	48.3	44.3	40.2	36.1	32.7	29.2	25.4	21.4	17.9
72.5°	69.7	65.1	60.1	54.9	50.1	45.2	40.1	35.3	31.0	26.5	21.7
70°	83.8	78.3	72.7	66.6	60.4	54.2	48.5	42.6	36.7	31.6	26.3
67.5°	97.9	91.3	84.9	78.2	71.1	63.9	56.9	50.2	43.5	36.7	30.8
65°	111.3	104.1	96.5	89.1	81.4	73.6	65.6	57.7	50.2	42.6	35.2
62.5°	124.4	116.9	108.6	99.9	91.4	82.9	74.2	65.6	56.8	48.5	40.1
60°	137.1	129.0	120.3	110.9	101.4	92.0	82.6	73.3	63.8	54.2	45.2
57.5°	148.9	140.7	131.3	121.4	111.1	100.9	90.8	80.8	70.5	60.2	50.1
55°	160.2	151.4	141.7	131.4	120.5	109.5	98.9	88.1	77.2	66.1	54.9
52.5°	170.7	161.5	151.5	140.9	129.6	118.0	106.9	95.3	83.6	71.8	59.9
50°	180.1	170.9	160.6	149.7	138.3	126.4	114.7	102.4	89.8	77.3	64.8
47.5°	188.4	179.3	169.2	158.1	146.3	134.4	122.1	109.4	95.9	82.7	69.5
45°	195.4	187.1	177.1	165.8	154.2	141.9	129.1	116.2	102.0	87.9	74.2
42.5°	202.1	193.9	184.3	173.2	161.6	149.2	135.7	122.3	107.9	93.0	78.6
40°	207.7	200.1	191.0	180.2	168.7	156.2	142.2	128.0	113.7	97.9	82.8
37.5°	213.1	205.6	196.6	187.1	175.6	162.6	148.4	133.4	118.9	102.7	86.8
35°	218.1	210.4	202.6	193.2	181.8	168.7	154.4	138.6	123.4	107.2	90.6
32.5°	223.0	215.0	207.1	198.4	187.9	174.7	159.9	143.6	127.7	111.4	94.2
30°	228.5	219.1	211.3	203.1	193.4	180.0	164.8	148.1	131.6	115.3	97.6
27.5°	233.0	222.4	214.9	206.9	197.5	185.0	169.1	152.3	135.3	118.8	100.8
25°	236.7	225.7	217.6	210.1	201.2	189.1	173.0	155.9	138.7	121.8	103.7
22.5°	239.6	228.5	219.7	213.0	204.7	192.7	176.5	159.1	141.8	124.6	106.3
20°	241.2	230.4	221.3	215.4	207.6	195.3	179.4	162.0	144.4	127.0	108.7
17.5°	241.8	231.9	223.3	217.0	209.9	198.0	182.0	164.5	146.7	129.2	110.8
15°	244.0	233.3	224.9	218.3	211.7	200.7	184.2	166.7	148.6	131.1	112.6
12.5°	246.4	234.4	225.9	219.4	213.2	203.2	186.0	168.4	150.2	132.8	114.1
10°	248.5	235.1	226.4	220.2	214.5	205.5	187.5	169.9	151.8	134.1	115.4
7.5°	250.1	235.5	226.5	220.9	215.4	207.4	188.8	170.9	153.1	135.2	116.3
5°	251.4	235.6	226.4	221.3	216.3	208.5	189.8	171.5	154.2	135.9	117.0
2.5°	252.4	235.6	226.2	221.5	217.0	209.3	190.4	171.8	155.0	136.3	117.5
0°	252.7	235.2	225.7	221.6	217.6	209.5	190.6	171.6	155.4	136.5	117.6
-2.5°	252.4	235.6	226.2	221.5	217.0	209.3	190.4	171.8	155.0	136.3	117.5
-5°	251.4	235.6	226.4	221.3	216.3	208.5	189.8	171.5	154.2	135.9	117.0
-7.5°	250.1	235.5	226.5	220.9	215.4	207.4	188.8	170.9	153.1	135.2	116.3
-10°	248.5	235.1	226.4	220.2	214.5	205.5	187.5	169.9	151.8	134.1	115.4
-12.5°	246.4	234.4	225.9	219.4	213.2	203.2	186.0	168.4	150.2	132.8	114.1
-15°	244.0	233.3	224.9	218.3	211.7	200.7	184.2	166.7	148.6	131.1	112.6
-17.5°	241.8	231.9	223.3	217.0	209.9	198.0	182.0	164.5	146.7	129.2	110.8
-20°	241.2	230.4	221.3	215.4	207.6	195.3	179.4	162.0	144.4	127.0	108.7



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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°	239.6	228.5	219.7	213.0	204.7	192.7	176.5	159.1	141.8	124.6	106.3
-25°	236.7	225.7	217.6	210.1	201.2	189.1	173.0	155.9	138.7	121.8	103.7
-27.5°	233.0	222.4	214.9	206.9	197.5	185.0	169.1	152.3	135.3	118.8	100.8
-30°	228.5	219.1	211.3	203.1	193.4	180.0	164.8	148.1	131.6	115.3	97.6
-32.5°	223.0	215.0	207.1	198.4	187.9	174.7	159.9	143.6	127.7	111.4	94.2
-35°	218.1	210.4	202.6	193.2	181.8	168.7	154.4	138.6	123.4	107.2	90.6
-37.5°	213.1	205.6	196.6	187.1	175.6	162.6	148.4	133.4	118.9	102.7	86.8
-40°	207.7	200.1	191.0	180.2	168.7	156.2	142.2	128.0	113.7	97.9	82.8
-42.5°	202.1	193.9	184.3	173.2	161.6	149.2	135.7	122.3	107.9	93.0	78.6
-45°	195.4	187.1	177.1	165.8	154.2	141.9	129.1	116.2	102.0	87.9	74.2
-47.5°	188.4	179.3	169.2	158.1	146.3	134.4	122.1	109.4	95.9	82.7	69.5
-50°	180.1	170.9	160.6	149.7	138.3	126.4	114.7	102.4	89.8	77.3	64.8
-52.5°	170.7	161.5	151.5	140.9	129.6	118.0	106.9	95.3	83.6	71.8	59.9
-55°	160.2	151.4	141.7	131.4	120.5	109.5	98.9	88.1	77.2	66.1	54.9
-57.5°	148.9	140.7	131.3	121.4	111.1	100.9	90.8	80.8	70.5	60.2	50.1
-60°	137.1	129.0	120.3	110.9	101.4	92.0	82.6	73.3	63.8	54.2	45.2
-62.5°	124.4	116.9	108.6	99.9	91.4	82.9	74.2	65.6	56.8	48.5	40.1
-65°	111.3	104.1	96.5	89.1	81.4	73.6	65.6	57.7	50.2	42.6	35.2
-67.5°	97.9	91.3	84.9	78.2	71.1	63.9	56.9	50.2	43.5	36.7	30.8
-70°	83.8	78.3	72.7	66.6	60.4	54.2	48.5	42.6	36.7	31.6	26.3
-72.5°	69.7	65.1	60.1	54.9	50.1	45.2	40.1	35.3	31.0	26.5	21.7
-75°	56.0	52.2	48.3	44.3	40.2	36.1	32.7	29.2	25.4	21.4	17.9
-77.5°	43.4	40.3	37.0	34.1	31.3	28.5	25.8	23.0	19.9	17.0	14.2
-80°	31.3	29.1	27.1	25.0	22.9	20.9	19.2	17.3	15.0	12.7	10.6
-82.5°	19.7	18.8	17.9	16.9	15.7	14.5	13.1	11.7	10.0	8.4	7.3
-85°	12.0	11.4	10.7	9.9	9.0	8.1	7.5	6.8	6.2	5.5	4.9
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
80°	8.5	7.0	5.6	4.2	2.8	1.4	0.0
77.5°	11.6	9.0	7.0	5.2	3.5	1.8	0.0
75°	14.7	11.7	8.5	6.3	4.2	2.1	0.0
72.5°	17.8	14.3	10.6	7.3	4.9	2.4	0.0
70°	20.9	16.9	12.8	8.4	5.5	2.8	0.0
67.5°	24.8	19.5	14.9	10.0	6.2	3.1	0.0
65°	28.7	22.3	17.0	11.6	6.8	3.4	0.0
62.5°	32.4	25.4	19.0	13.2	7.5	3.7	0.0
60°	36.1	28.4	21.0	14.7	8.1	4.0	0.0
57.5°	40.2	31.4	23.3	16.2	9.1	4.4	0.0
55°	44.3	34.2	25.6	17.7	10.1	4.6	0.0
52.5°	48.3	37.0	27.7	19.1	11.0	4.9	0.0
50°	52.2	40.3	29.8	20.5	11.9	5.2	0.0
47.5°	56.0	43.4	31.9	21.9	12.8	5.5	0.0
45°	59.9	46.4	33.8	23.3	13.7	5.7	0.0
42.5°	63.8	49.2	35.6	24.7	14.5	6.0	0.0
40°	67.4	52.0	37.6	26.0	15.3	6.2	0.0
37.5°	71.0	54.5	39.7	27.2	16.0	6.4	0.0
35°	74.3	57.2	41.6	28.4	16.7	6.6	0.0
32.5°	77.5	59.8	43.5	29.5	17.4	6.8	0.0
30°	80.3	62.3	45.2	30.5	18.0	7.0	0.0
27.5°	83.0	64.6	46.8	31.4	18.5	7.2	0.0
25°	85.5	66.7	48.4	32.3	19.1	7.3	0.0
22.5°	87.7	68.7	49.8	33.1	19.5	7.5	0.0
20°	89.8	70.4	51.1	33.8	20.0	7.6	0.0
17.5°	91.5	72.0	52.3	34.4	20.3	7.7	0.0
15°	93.1	73.3	53.4	35.0	20.7	7.8	0.0
12.5°	94.3	74.5	54.3	35.4	21.0	7.9	0.0
10°	95.4	75.4	55.1	35.8	21.2	8.0	0.0
7.5°	96.2	76.1	55.7	36.1	21.4	8.0	0.0
5°	96.8	76.6	56.2	36.3	21.5	8.1	0.0
2.5°	97.2	76.9	56.6	36.5	21.6	8.1	0.0
0°	97.3	77.0	56.8	36.5	21.6	8.1	0.0
-2.5°	97.2	76.9	56.6	36.5	21.6	8.1	0.0
-5°	96.8	76.6	56.2	36.3	21.5	8.1	0.0
-7.5°	96.2	76.1	55.7	36.1	21.4	8.0	0.0
-10°	95.4	75.4	55.1	35.8	21.2	8.0	0.0
-12.5°	94.3	74.5	54.3	35.4	21.0	7.9	0.0
-15°	93.1	73.3	53.4	35.0	20.7	7.8	0.0
-17.5°	91.5	72.0	52.3	34.4	20.3	7.7	0.0
-20°	89.8	70.4	51.1	33.8	20.0	7.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	87.7	68.7	49.8	33.1	19.5	7.5	0.0
-25°	85.5	66.7	48.4	32.3	19.1	7.3	0.0
-27.5°	83.0	64.6	46.8	31.4	18.5	7.2	0.0
-30°	80.3	62.3	45.2	30.5	18.0	7.0	0.0
-32.5°	77.5	59.8	43.5	29.5	17.4	6.8	0.0
-35°	74.3	57.2	41.6	28.4	16.7	6.6	0.0
-37.5°	71.0	54.5	39.7	27.2	16.0	6.4	0.0
-40°	67.4	52.0	37.6	26.0	15.3	6.2	0.0
-42.5°	63.8	49.2	35.6	24.7	14.5	6.0	0.0
-45°	59.9	46.4	33.8	23.3	13.7	5.7	0.0
-47.5°	56.0	43.4	31.9	21.9	12.8	5.5	0.0
-50°	52.2	40.3	29.8	20.5	11.9	5.2	0.0
-52.5°	48.3	37.0	27.7	19.1	11.0	4.9	0.0
-55°	44.3	34.2	25.6	17.7	10.1	4.6	0.0
-57.5°	40.2	31.4	23.3	16.2	9.1	4.4	0.0
-60°	36.1	28.4	21.0	14.7	8.1	4.0	0.0
-62.5°	32.4	25.4	19.0	13.2	7.5	3.7	0.0
-65°	28.7	22.3	17.0	11.6	6.8	3.4	0.0
-67.5°	24.8	19.5	14.9	10.0	6.2	3.1	0.0
-70°	20.9	16.9	12.8	8.4	5.5	2.8	0.0
-72.5°	17.8	14.3	10.6	7.3	4.9	2.4	0.0
-75°	14.7	11.7	8.5	6.3	4.2	2.1	0.0
-77.5°	11.6	9.0	7.0	5.2	3.5	1.8	0.0
-80°	8.5	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)