

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: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4D-927-U-TS-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

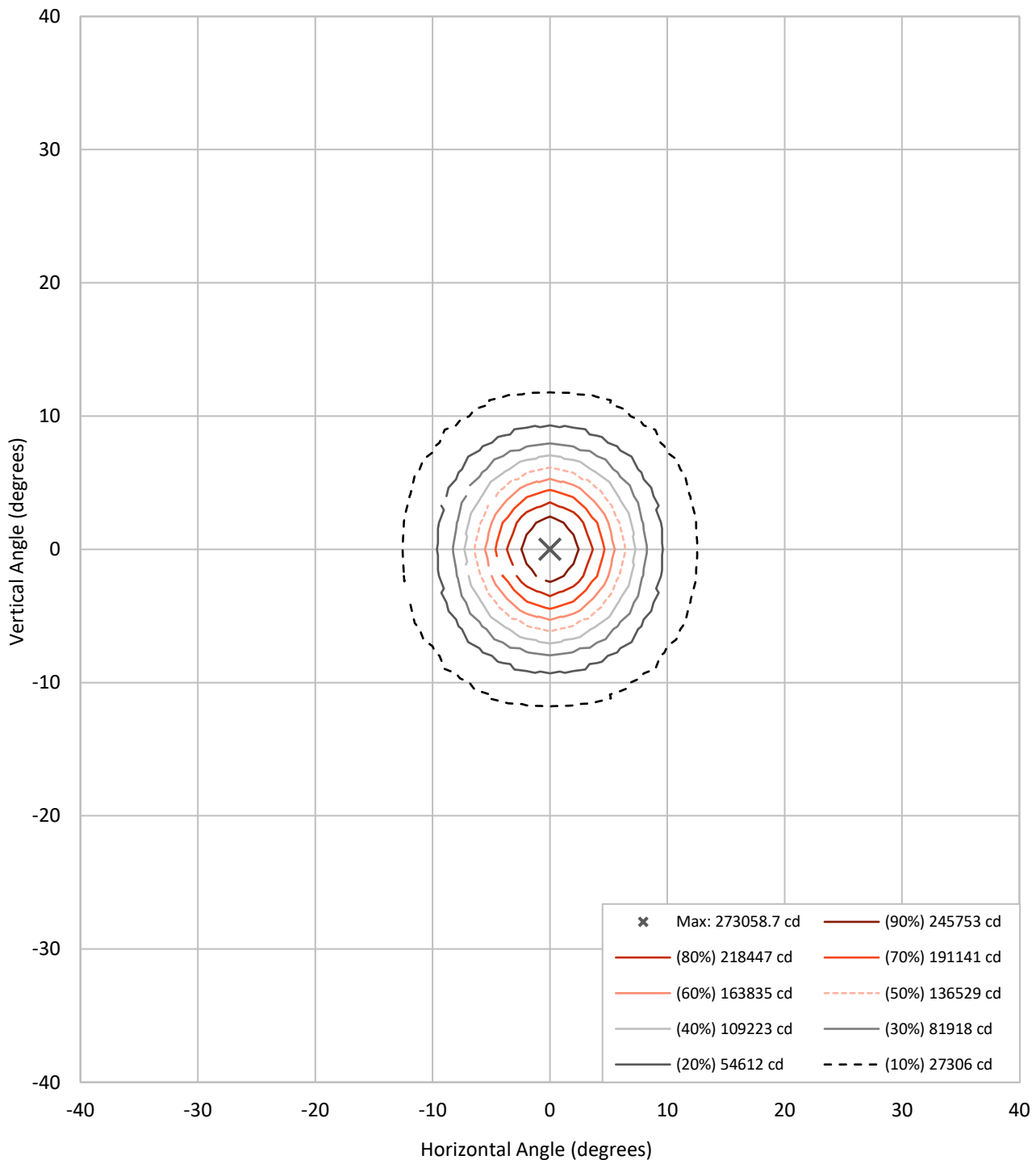
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19793.1 lumens	Max Intensity:	273058.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6254.3 lumens	Field Lumens:	13855.5 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 217  
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





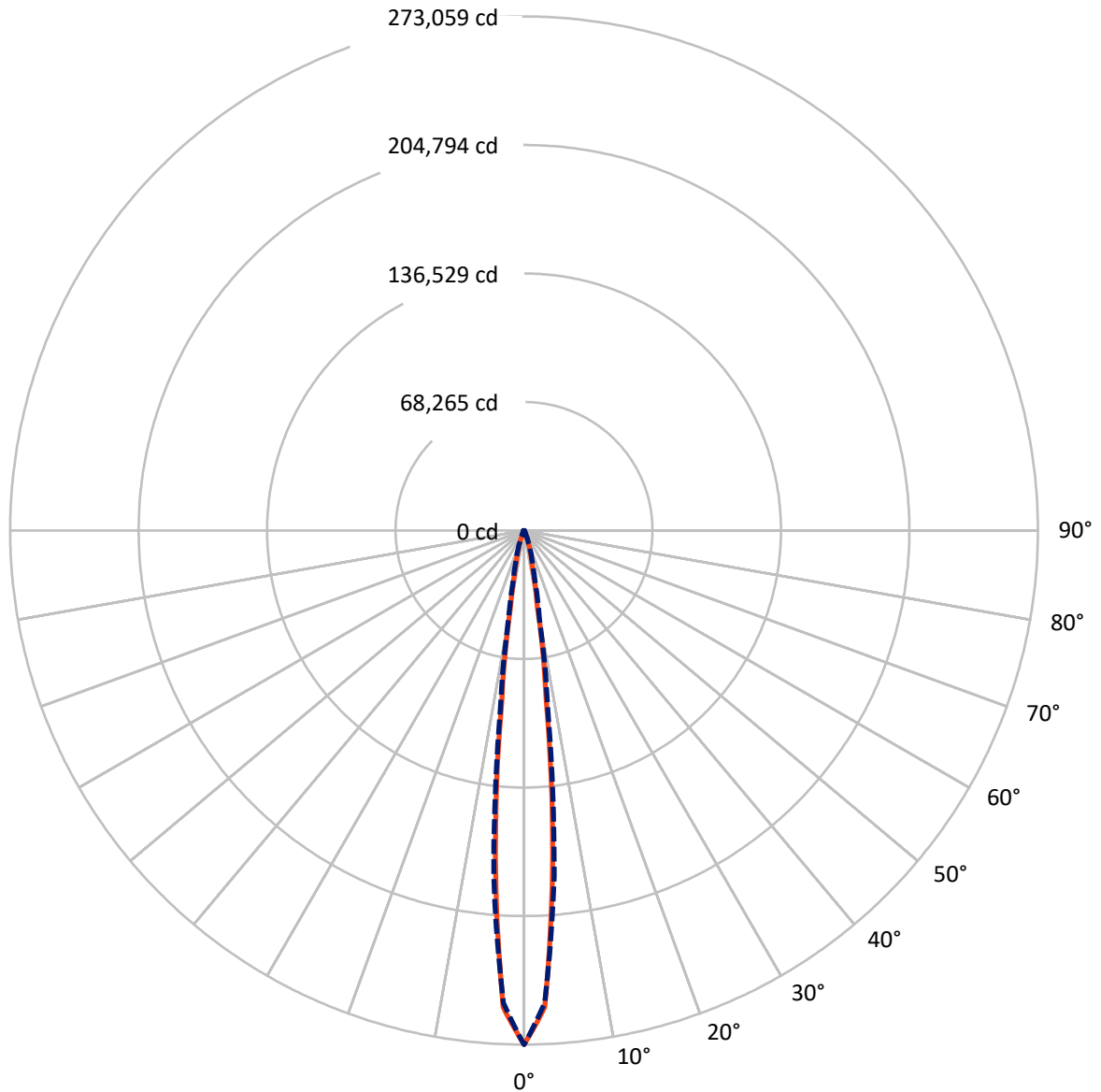
REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

### Lumen Table

90	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
80	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
70	1.0	1.2	2.6	4.2	5.8	7.1	8.1	8.6	8.6	8.1	7.1	5.8	4.2	2.6	1.2	1.0			
60		1.9	3.8	5.8	7.5	8.9	9.7	10.1	10.1	9.7	8.9	7.5	5.8	3.8	1.9				
50	1.9	2.5	4.7	6.7	8.4	9.9	11.0	11.6	11.6	11.0	9.9	8.4	6.7	4.7	2.5	1.9			
40		3.0	5.3	7.3	9.4	12.1	15.1	17.0	17.0	15.1	12.1	9.4	7.3	5.3	3.0				
30	2.6	3.3	5.6	7.8	11.0	17.1	38.0	69.1	69.1	38.0	17.1	11.0	7.8	5.6	3.3	2.6			
20		3.5	5.7	8.2	13.0	36.8	207.5	456.6	456.6	207.5	36.8	13.0	8.2	5.7	3.5				
10	2.8	3.5	5.8	8.4	14.5	70.5	498.2	3223.1	3223.1	498.2	70.5	14.5	8.4	5.8	3.5	2.8			
0		3.5	5.8	8.4	14.5	70.5	498.2	3223.1	3223.1	498.2	70.5	14.5	8.4	5.8	3.5				
-10	2.6	3.5	5.7	8.2	13.0	36.8	207.5	456.6	456.6	207.5	36.8	13.0	8.2	5.7	3.5	2.6			
-20		3.3	5.6	7.8	11.0	17.1	38.0	69.1	69.1	38.0	17.1	11.0	7.8	5.6	3.3				
-30	1.9	3.0	5.3	7.3	9.4	12.1	15.1	17.0	17.0	15.1	12.1	9.4	7.3	5.3	3.0	1.9			
-40		2.5	4.7	6.7	8.4	9.9	11.0	11.6	11.6	11.0	9.9	8.4	6.7	4.7	2.5				
-50	1.0	1.9	3.8	5.8	7.5	8.9	9.7	10.1	10.1	9.7	8.9	7.5	5.8	3.8	1.9	1.0			
-60		1.2	2.6	4.2	5.8	7.1	8.1	8.6	8.6	8.1	7.1	5.8	4.2	2.6	1.2				
-70	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
-80		2.3		6.3		10.2		11.8		10.2		6.3		2.3					
-90	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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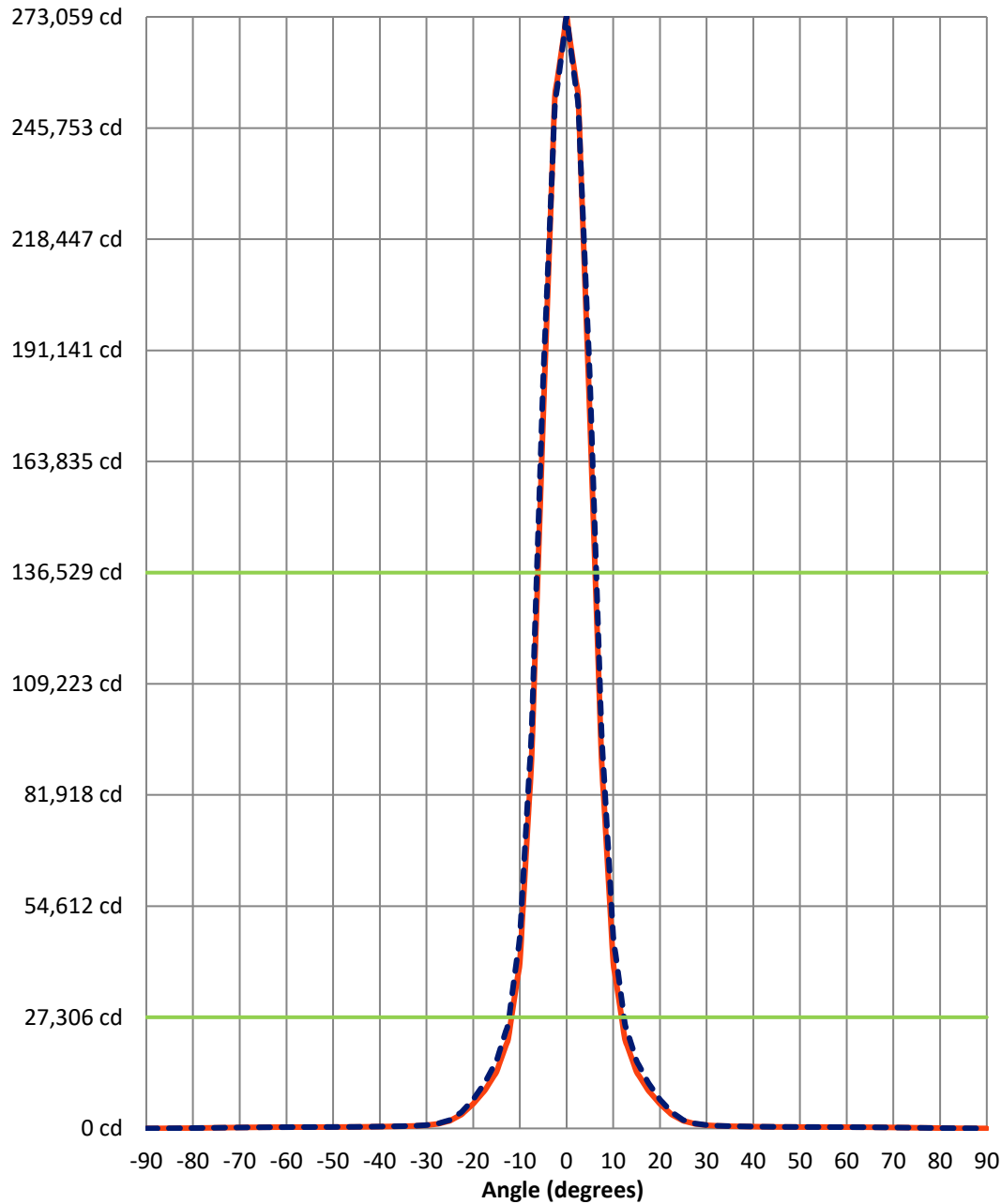
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 6254.3  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 13855.5  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 5937.7  
 Efficiency: 30.0%

— 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	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.4	4.9	5.5
85°	0.0	1.3	2.6	3.7	4.8	5.8	6.7	7.7	8.8	9.9	10.9
82.5°	0.0	1.9	3.8	5.6	7.2	8.7	10.0	11.6	13.4	15.8	18.2
80°	0.0	2.6	5.1	7.4	9.6	11.5	13.5	16.6	19.9	23.2	26.7
77.5°	0.0	3.2	6.4	9.2	11.9	14.8	18.2	22.2	26.3	30.6	35.2
75°	0.0	3.8	7.6	11.1	14.4	18.7	22.9	27.6	32.8	38.7	44.3
72.5°	0.0	4.4	8.8	12.9	17.5	22.5	27.5	33.4	40.4	47.0	53.3
70°	0.0	5.0	10.0	14.8	20.6	26.3	32.2	40.1	47.9	55.4	65.7
67.5°	0.0	5.6	11.2	17.0	23.6	30.1	38.0	46.7	55.4	66.8	78.6
65°	0.0	6.2	12.4	19.2	26.5	34.3	43.6	53.2	65.0	77.9	91.5
62.5°	0.0	6.8	13.6	21.4	29.4	38.8	49.1	60.8	74.5	88.9	104.8
60°	0.0	7.3	14.7	23.6	32.3	43.2	54.5	68.7	83.6	100.7	117.9
57.5°	0.0	7.9	16.1	25.7	35.7	47.5	60.9	76.3	93.6	112.2	131.1
55°	0.0	8.4	17.4	27.7	39.0	51.7	67.3	83.8	103.5	123.5	144.1
52.5°	0.0	8.9	18.7	29.7	42.2	55.9	73.6	92.2	113.2	135.0	156.9
50°	0.0	9.4	19.9	31.6	45.3	61.0	79.6	100.5	122.7	146.1	169.5
47.5°	0.0	9.9	21.1	33.5	48.3	65.8	85.6	108.4	132.2	156.8	181.8
45°	0.0	10.4	22.3	35.7	51.1	70.5	92.0	116.0	141.4	167.5	193.8
42.5°	0.0	10.8	23.4	37.7	53.8	75.0	98.2	123.5	150.3	177.9	204.0
40°	0.0	11.3	24.5	39.6	56.8	79.2	104.1	130.9	158.8	187.9	213.6
37.5°	0.0	11.7	25.5	41.3	60.0	83.3	109.6	137.9	167.2	196.9	222.6
35°	0.0	12.0	26.4	43.0	63.1	87.4	114.8	144.5	175.0	204.4	230.9
32.5°	0.0	12.4	27.3	44.5	66.0	91.5	119.8	150.7	182.3	211.6	238.0
30°	0.0	12.7	28.2	46.0	68.7	95.3	124.8	156.6	189.1	218.2	244.5
27.5°	0.0	13.0	28.9	47.2	71.1	98.8	129.4	162.0	195.0	224.3	250.6
25°	0.0	13.3	29.6	48.4	73.3	102.0	133.6	167.0	200.0	229.5	256.2
22.5°	0.0	13.6	30.3	49.5	75.4	104.9	137.4	171.5	204.5	234.0	260.4
20°	0.0	13.8	30.9	50.4	77.3	107.5	140.8	175.5	208.5	238.1	264.2
17.5°	0.0	14.0	31.4	51.2	79.0	109.8	144.0	179.0	212.0	241.6	267.6
15°	0.0	14.2	31.8	51.9	80.4	111.9	146.7	182.1	215.1	244.6	270.6
12.5°	0.0	14.4	32.2	52.4	81.7	113.6	149.0	184.6	217.6	247.1	273.1
10°	0.0	14.5	32.5	52.8	82.7	115.1	151.0	186.5	219.6	249.1	275.1
7.5°	0.0	14.6	32.8	53.1	83.5	116.2	152.5	188.0	221.1	250.6	276.5
5°	0.0	14.6	33.0	53.3	84.1	117.0	153.5	188.9	222.0	251.5	277.4
2.5°	0.0	14.7	33.1	53.4	84.5	117.4	154.2	189.4	222.5	251.9	277.8
0°	0.0	14.7	33.1	53.3	84.6	117.6	154.4	189.3	222.4	251.8	277.6
-2.5°	0.0	14.7	33.1	53.4	84.5	117.4	154.2	189.4	222.5	251.9	277.8
-5°	0.0	14.6	33.0	53.3	84.1	117.0	153.5	188.9	222.0	251.5	277.4
-7.5°	0.0	14.6	32.8	53.1	83.5	116.2	152.5	188.0	221.1	250.6	276.5
-10°	0.0	14.5	32.5	52.8	82.7	115.1	151.0	186.5	219.6	249.1	275.1
-12.5°	0.0	14.4	32.2	52.4	81.7	113.6	149.0	184.6	217.6	247.1	273.1
-15°	0.0	14.2	31.8	51.9	80.4	111.9	146.7	182.1	215.1	244.6	270.6
-17.5°	0.0	14.0	31.4	51.2	79.0	109.8	144.0	179.0	212.0	241.6	267.6
-20°	0.0	13.8	30.9	50.4	77.3	107.5	140.8	175.5	208.5	238.1	264.2



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 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.6	30.3	49.5	75.4	104.9	137.4	171.5	204.5	234.0	260.4
-25°	0.0	13.3	29.6	48.4	73.3	102.0	133.6	167.0	200.0	229.5	256.2
-27.5°	0.0	13.0	28.9	47.2	71.1	98.8	129.4	162.0	195.0	224.3	250.6
-30°	0.0	12.7	28.2	46.0	68.7	95.3	124.8	156.6	189.1	218.2	244.5
-32.5°	0.0	12.4	27.3	44.5	66.0	91.5	119.8	150.7	182.3	211.6	238.0
-35°	0.0	12.0	26.4	43.0	63.1	87.4	114.8	144.5	175.0	204.4	230.9
-37.5°	0.0	11.7	25.5	41.3	60.0	83.3	109.6	137.9	167.2	196.9	222.6
-40°	0.0	11.3	24.5	39.6	56.8	79.2	104.1	130.9	158.8	187.9	213.6
-42.5°	0.0	10.8	23.4	37.7	53.8	75.0	98.2	123.5	150.3	177.9	204.0
-45°	0.0	10.4	22.3	35.7	51.1	70.5	92.0	116.0	141.4	167.5	193.8
-47.5°	0.0	9.9	21.1	33.5	48.3	65.8	85.6	108.4	132.2	156.8	181.8
-50°	0.0	9.4	19.9	31.6	45.3	61.0	79.6	100.5	122.7	146.1	169.5
-52.5°	0.0	8.9	18.7	29.7	42.2	55.9	73.6	92.2	113.2	135.0	156.9
-55°	0.0	8.4	17.4	27.7	39.0	51.7	67.3	83.8	103.5	123.5	144.1
-57.5°	0.0	7.9	16.1	25.7	35.7	47.5	60.9	76.3	93.6	112.2	131.1
-60°	0.0	7.3	14.7	23.6	32.3	43.2	54.5	68.7	83.6	100.7	117.9
-62.5°	0.0	6.8	13.6	21.4	29.4	38.8	49.1	60.8	74.5	88.9	104.8
-65°	0.0	6.2	12.4	19.2	26.5	34.3	43.6	53.2	65.0	77.9	91.5
-67.5°	0.0	5.6	11.2	17.0	23.6	30.1	38.0	46.7	55.4	66.8	78.6
-70°	0.0	5.0	10.0	14.8	20.6	26.3	32.2	40.1	47.9	55.4	65.7
-72.5°	0.0	4.4	8.8	12.9	17.5	22.5	27.5	33.4	40.4	47.0	53.3
-75°	0.0	3.8	7.6	11.1	14.4	18.7	22.9	27.6	32.8	38.7	44.3
-77.5°	0.0	3.2	6.4	9.2	11.9	14.8	18.2	22.2	26.3	30.6	35.2
-80°	0.0	2.6	5.1	7.4	9.6	11.5	13.5	16.6	19.9	23.2	26.7
-82.5°	0.0	1.9	3.8	5.6	7.2	8.7	10.0	11.6	13.4	15.8	18.2
-85°	0.0	1.3	2.6	3.7	4.8	5.8	6.7	7.7	8.8	9.9	10.9
-87.5°	0.0	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.4	4.9	5.5
-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°	6.0	6.4	6.9	7.4	7.9	8.3	8.7	9.1	9.5	9.9	10.2
85°	11.9	12.9	14.2	15.3	16.4	17.3	18.2	19.0	20.1	21.2	22.3
82.5°	20.3	22.1	23.6	24.8	26.1	27.4	28.7	30.9	33.7	36.3	38.8
80°	29.2	31.2	34.1	37.4	40.8	44.1	47.3	50.3	53.5	57.1	60.8
77.5°	39.2	43.3	47.9	52.9	57.6	63.1	68.6	74.3	79.4	83.9	87.8
75°	49.6	55.3	62.9	70.6	77.8	85.0	92.3	99.4	105.5	111.3	117.1
72.5°	61.7	71.0	80.1	89.0	98.3	107.3	115.7	123.7	131.6	139.4	146.9
70°	76.3	86.8	97.8	108.9	119.7	129.7	139.5	149.5	159.3	168.1	176.0
67.5°	90.8	103.4	116.1	128.6	140.4	151.9	163.4	174.9	185.8	195.1	203.4
65°	105.8	119.9	134.0	147.5	160.5	173.8	186.9	199.5	209.8	218.4	226.6
62.5°	120.5	136.3	151.6	166.5	181.1	195.7	208.3	219.6	230.3	239.6	248.5
60°	135.4	152.6	169.2	185.6	201.0	214.4	227.3	238.6	249.3	259.5	267.1
57.5°	150.1	168.7	186.7	203.5	218.3	232.1	244.5	256.4	265.7	273.8	282.1
55°	164.5	184.5	203.0	219.6	234.6	247.8	260.3	270.3	279.5	287.2	295.3
52.5°	178.7	199.6	217.9	234.6	249.1	262.2	273.2	283.1	291.7	299.6	306.2
50°	192.6	213.0	232.1	247.8	262.3	274.5	284.8	294.4	302.7	309.9	315.9
47.5°	204.9	226.0	244.0	260.2	273.9	285.4	295.4	304.5	312.8	319.2	325.1
45°	216.4	237.2	255.5	270.9	284.3	295.2	304.9	314.3	321.2	327.5	332.1
42.5°	227.5	247.6	265.4	281.4	293.1	303.7	313.5	321.6	328.8	334.3	339.2
40°	236.8	257.6	274.7	289.1	301.1	311.2	320.3	328.5	335.5	340.9	346.2
37.5°	245.7	265.7	283.0	296.4	307.7	317.7	326.7	334.3	341.2	347.0	354.2
35°	254.2	273.4	289.4	302.6	313.6	323.4	332.0	339.8	346.6	354.5	362.8
32.5°	261.4	280.7	295.5	307.6	318.4	328.5	337.0	345.0	352.8	361.7	372.0
30°	267.5	286.1	300.8	312.1	323.0	332.4	341.7	350.2	358.8	369.5	382.9
27.5°	273.1	291.0	304.7	316.0	326.9	335.8	345.5	355.1	365.2	377.7	394.7
25°	278.3	295.5	308.1	319.6	329.8	339.0	349.0	358.9	371.5	388.0	410.1
22.5°	282.5	299.7	311.1	322.8	332.2	341.9	352.1	363.2	377.5	397.5	426.4
20°	285.9	302.2	313.6	325.3	334.1	344.5	354.9	367.0	384.0	410.0	443.6
17.5°	288.9	304.3	315.8	326.7	336.0	346.6	357.3	370.0	389.4	421.7	459.3
15°	291.6	306.1	317.5	327.9	337.7	348.3	359.6	374.0	396.6	433.1	473.6
12.5°	294.0	307.5	318.8	328.8	339.0	349.4	361.4	377.4	404.2	443.6	487.7
10°	296.0	308.6	319.7	329.4	339.9	350.1	362.9	379.6	409.7	449.6	496.1
7.5°	297.1	309.4	320.3	329.7	340.5	350.2	363.9	380.8	413.0	452.8	500.6
5°	297.8	310.1	321.1	330.3	341.2	350.7	364.8	381.0	414.4	453.4	502.3
2.5°	298.0	310.5	321.5	330.8	341.7	352.0	366.5	382.9	415.6	455.6	503.5
0°	297.8	310.7	321.7	330.9	341.9	352.9	367.6	384.2	415.4	457.7	503.7
-2.5°	298.0	310.5	321.5	330.8	341.7	352.0	366.5	382.9	415.6	455.6	503.5
-5°	297.8	310.1	321.1	330.3	341.2	350.7	364.8	381.0	414.4	453.4	502.3
-7.5°	297.1	309.4	320.3	329.7	340.5	350.2	363.9	380.8	413.0	452.8	500.6
-10°	296.0	308.6	319.7	329.4	339.9	350.1	362.9	379.6	409.7	449.6	496.1
-12.5°	294.0	307.5	318.8	328.8	339.0	349.4	361.4	377.4	404.2	443.6	487.7
-15°	291.6	306.1	317.5	327.9	337.7	348.3	359.6	374.0	396.6	433.1	473.6
-17.5°	288.9	304.3	315.8	326.7	336.0	346.6	357.3	370.0	389.4	421.7	459.3
-20°	285.9	302.2	313.6	325.3	334.1	344.5	354.9	367.0	384.0	410.0	443.6



REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	282.5	299.7	311.1	322.8	332.2	341.9	352.1	363.2	377.5	397.5	426.4
-25°	278.3	295.5	308.1	319.6	329.8	339.0	349.0	358.9	371.5	388.0	410.1
-27.5°	273.1	291.0	304.7	316.0	326.9	335.8	345.5	355.1	365.2	377.7	394.7
-30°	267.5	286.1	300.8	312.1	323.0	332.4	341.7	350.2	358.8	369.5	382.9
-32.5°	261.4	280.7	295.5	307.6	318.4	328.5	337.0	345.0	352.8	361.7	372.0
-35°	254.2	273.4	289.4	302.6	313.6	323.4	332.0	339.8	346.6	354.5	362.8
-37.5°	245.7	265.7	283.0	296.4	307.7	317.7	326.7	334.3	341.2	347.0	354.2
-40°	236.8	257.6	274.7	289.1	301.1	311.2	320.3	328.5	335.5	340.9	346.2
-42.5°	227.5	247.6	265.4	281.4	293.1	303.7	313.5	321.6	328.8	334.3	339.2
-45°	216.4	237.2	255.5	270.9	284.3	295.2	304.9	314.3	321.2	327.5	332.1
-47.5°	204.9	226.0	244.0	260.2	273.9	285.4	295.4	304.5	312.8	319.2	325.1
-50°	192.6	213.0	232.1	247.8	262.3	274.5	284.8	294.4	302.7	309.9	315.9
-52.5°	178.7	199.6	217.9	234.6	249.1	262.2	273.2	283.1	291.7	299.6	306.2
-55°	164.5	184.5	203.0	219.6	234.6	247.8	260.3	270.3	279.5	287.2	295.3
-57.5°	150.1	168.7	186.7	203.5	218.3	232.1	244.5	256.4	265.7	273.8	282.1
-60°	135.4	152.6	169.2	185.6	201.0	214.4	227.3	238.6	249.3	259.5	267.1
-62.5°	120.5	136.3	151.6	166.5	181.1	195.7	208.3	219.6	230.3	239.6	248.5
-65°	105.8	119.9	134.0	147.5	160.5	173.8	186.9	199.5	209.8	218.4	226.6
-67.5°	90.8	103.4	116.1	128.6	140.4	151.9	163.4	174.9	185.8	195.1	203.4
-70°	76.3	86.8	97.8	108.9	119.7	129.7	139.5	149.5	159.3	168.1	176.0
-72.5°	61.7	71.0	80.1	89.0	98.3	107.3	115.7	123.7	131.6	139.4	146.9
-75°	49.6	55.3	62.9	70.6	77.8	85.0	92.3	99.4	105.5	111.3	117.1
-77.5°	39.2	43.3	47.9	52.9	57.6	63.1	68.6	74.3	79.4	83.9	87.8
-80°	29.2	31.2	34.1	37.4	40.8	44.1	47.3	50.3	53.5	57.1	60.8
-82.5°	20.3	22.1	23.6	24.8	26.1	27.4	28.7	30.9	33.7	36.3	38.8
-85°	11.9	12.9	14.2	15.3	16.4	17.3	18.2	19.0	20.1	21.2	22.3
-87.5°	6.0	6.4	6.9	7.4	7.9	8.3	8.7	9.1	9.5	9.9	10.2
-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: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-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°	10.6	10.5	10.4	10.2	10.0	10.2	10.3	10.5	10.6	10.7	10.8
85°	23.4	24.4	25.4	26.4	27.5	28.2	28.8	29.4	29.9	30.3	30.7
82.5°	41.1	43.2	45.1	46.8	48.4	49.6	50.8	51.8	52.7	53.4	54.0
80°	64.1	67.3	70.3	73.1	75.7	77.8	79.5	81.0	82.1	83.4	84.5
77.5°	91.7	96.1	100.4	104.2	107.6	110.4	112.9	115.1	116.9	119.1	121.2
75°	122.8	128.2	133.0	137.5	141.6	145.3	148.6	151.4	153.8	156.2	158.3
72.5°	154.0	160.4	166.0	170.8	175.2	179.4	183.5	187.3	190.8	193.5	195.4
70°	183.3	190.0	196.0	201.4	206.5	211.7	217.0	221.9	226.4	229.3	231.0
67.5°	210.3	217.0	223.8	230.6	236.6	242.1	247.4	252.2	256.6	259.6	261.4
65°	234.5	242.0	249.4	256.3	262.7	267.3	272.1	276.7	281.0	284.5	287.0
62.5°	257.2	264.6	270.8	276.7	282.1	286.7	291.5	295.7	299.5	302.8	305.8
60°	274.6	282.1	288.2	293.6	298.6	303.3	307.0	310.2	312.7	314.8	316.7
57.5°	289.5	296.7	302.8	307.3	311.7	316.2	319.4	321.4	322.9	324.0	324.9
55°	302.4	308.1	313.2	318.1	322.6	326.4	329.2	330.5	331.4	331.8	332.3
52.5°	312.6	318.2	323.5	328.2	331.6	334.9	337.7	338.5	338.9	339.1	339.2
50°	322.1	327.6	331.7	335.7	339.2	342.2	344.6	345.7	346.4	346.5	346.1
47.5°	329.7	334.4	339.0	343.1	346.7	350.1	352.8	354.4	355.5	356.0	356.0
45°	336.4	341.9	346.7	351.5	355.7	360.1	363.9	366.4	369.0	370.8	371.7
42.5°	344.3	349.8	355.2	361.7	367.8	373.5	379.8	385.3	391.0	397.1	401.2
40°	352.3	358.2	366.6	374.5	383.4	391.4	404.6	417.7	427.7	436.1	443.8
37.5°	361.5	370.2	380.2	390.3	404.9	419.9	436.4	452.7	466.9	479.7	490.0
35°	372.0	383.7	395.9	414.1	432.5	451.0	470.9	492.5	510.9	524.3	533.9
32.5°	384.9	399.6	419.3	442.5	465.1	489.1	513.1	537.2	555.3	574.0	592.8
30°	399.2	420.4	445.8	474.0	502.3	531.0	561.1	594.6	626.4	660.6	709.5
27.5°	417.5	443.3	473.2	506.5	540.6	574.8	627.2	684.7	770.0	838.1	953.7
25°	436.9	467.2	502.8	541.4	583.0	644.3	740.3	853.7	1054.6	1210.4	1446.8
22.5°	458.7	494.2	533.6	578.0	645.1	760.7	924.8	1216.0	1621.1	2021.2	2466.2
20°	480.1	519.4	562.5	629.7	743.8	926.6	1282.0	1911.5	2614.6	3615.7	4456.0
17.5°	500.4	542.2	596.9	687.8	858.6	1226.3	1914.6	2992.9	4461.5	6075.1	7420.8
15°	518.2	560.9	634.6	778.6	1067.1	1639.9	2679.2	4514.4	6981.8	9191.2	11161.8
12.5°	533.3	583.8	675.5	851.9	1248.2	2096.1	3763.2	6369.2	9382.3	12480.9	14974.7
10°	544.2	608.1	730.1	987.5	1535.9	2639.0	4666.7	7953.9	11581.8	15347.9	19856.2
7.5°	550.9	625.6	771.5	1088.2	1792.5	3243.4	5800.0	9368.7	13535.0	18676.1	25564.1
5°	555.6	637.4	802.2	1164.0	1964.0	3643.0	6515.6	10440.8	15220.2	22653.9	36830.0
2.5°	557.9	642.6	819.6	1205.6	2042.2	3848.4	7019.2	11054.6	16245.5	25460.0	44634.4
0°	557.0	639.7	821.7	1215.1	2053.3	4005.5	7103.0	11229.9	16592.0	25711.6	47136.3
-2.5°	557.9	642.6	819.6	1205.6	2042.2	3848.4	7019.2	11054.6	16245.5	25460.0	44634.4
-5°	555.6	637.4	802.2	1164.0	1964.0	3643.0	6515.6	10440.8	15220.2	22653.9	36830.0
-7.5°	550.9	625.6	771.5	1088.2	1792.5	3243.4	5800.0	9368.7	13535.0	18676.1	25564.1
-10°	544.2	608.1	730.1	987.5	1535.9	2639.0	4666.7	7953.9	11581.8	15347.9	19856.2
-12.5°	533.3	583.8	675.5	851.9	1248.2	2096.1	3763.2	6369.2	9382.3	12480.9	14974.7
-15°	518.2	560.9	634.6	778.6	1067.1	1639.9	2679.2	4514.4	6981.8	9191.2	11161.8
-17.5°	500.4	542.2	596.9	687.8	858.6	1226.3	1914.6	2992.9	4461.5	6075.1	7420.8
-20°	480.1	519.4	562.5	629.7	743.8	926.6	1282.0	1911.5	2614.6	3615.7	4456.0



REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	458.7	494.2	533.6	578.0	645.1	760.7	924.8	1216.0	1621.1	2021.2	2466.2
-25°	436.9	467.2	502.8	541.4	583.0	644.3	740.3	853.7	1054.6	1210.4	1446.8
-27.5°	417.5	443.3	473.2	506.5	540.6	574.8	627.2	684.7	770.0	838.1	953.7
-30°	399.2	420.4	445.8	474.0	502.3	531.0	561.1	594.6	626.4	660.6	709.5
-32.5°	384.9	399.6	419.3	442.5	465.1	489.1	513.1	537.2	555.3	574.0	592.8
-35°	372.0	383.7	395.9	414.1	432.5	451.0	470.9	492.5	510.9	524.3	533.9
-37.5°	361.5	370.2	380.2	390.3	404.9	419.9	436.4	452.7	466.9	479.7	490.0
-40°	352.3	358.2	366.6	374.5	383.4	391.4	404.6	417.7	427.7	436.1	443.8
-42.5°	344.3	349.8	355.2	361.7	367.8	373.5	379.8	385.3	391.0	397.1	401.2
-45°	336.4	341.9	346.7	351.5	355.7	360.1	363.9	366.4	369.0	370.8	371.7
-47.5°	329.7	334.4	339.0	343.1	346.7	350.1	352.8	354.4	355.5	356.0	356.0
-50°	322.1	327.6	331.7	335.7	339.2	342.2	344.6	345.7	346.4	346.5	346.1
-52.5°	312.6	318.2	323.5	328.2	331.6	334.9	337.7	338.5	338.9	339.1	339.2
-55°	302.4	308.1	313.2	318.1	322.6	326.4	329.2	330.5	331.4	331.8	332.3
-57.5°	289.5	296.7	302.8	307.3	311.7	316.2	319.4	321.4	322.9	324.0	324.9
-60°	274.6	282.1	288.2	293.6	298.6	303.3	307.0	310.2	312.7	314.8	316.7
-62.5°	257.2	264.6	270.8	276.7	282.1	286.7	291.5	295.7	299.5	302.8	305.8
-65°	234.5	242.0	249.4	256.3	262.7	267.3	272.1	276.7	281.0	284.5	287.0
-67.5°	210.3	217.0	223.8	230.6	236.6	242.1	247.4	252.2	256.6	259.6	261.4
-70°	183.3	190.0	196.0	201.4	206.5	211.7	217.0	221.9	226.4	229.3	231.0
-72.5°	154.0	160.4	166.0	170.8	175.2	179.4	183.5	187.3	190.8	193.5	195.4
-75°	122.8	128.2	133.0	137.5	141.6	145.3	148.6	151.4	153.8	156.2	158.3
-77.5°	91.7	96.1	100.4	104.2	107.6	110.4	112.9	115.1	116.9	119.1	121.2
-80°	64.1	67.3	70.3	73.1	75.7	77.8	79.5	81.0	82.1	83.4	84.5
-82.5°	41.1	43.2	45.1	46.8	48.4	49.6	50.8	51.8	52.7	53.4	54.0
-85°	23.4	24.4	25.4	26.4	27.5	28.2	28.8	29.4	29.9	30.3	30.7
-87.5°	10.6	10.5	10.4	10.2	10.0	10.2	10.3	10.5	10.6	10.7	10.8
-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: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-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°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5
85°	31.0	31.1	31.3	31.3	31.3	31.1	31.0	30.7	30.3	29.9	29.4
82.5°	54.5	54.8	55.0	55.1	55.0	54.8	54.5	54.0	53.4	52.7	51.8
80°	85.3	85.9	86.3	86.4	86.3	85.9	85.3	84.5	83.4	82.1	81.0
77.5°	122.9	124.2	124.8	125.0	124.8	124.2	122.9	121.2	119.1	116.9	115.1
75°	159.8	160.9	161.6	161.8	161.6	160.9	159.8	158.3	156.2	153.8	151.4
72.5°	196.7	197.5	199.1	200.4	199.1	197.5	196.7	195.4	193.5	190.8	187.3
70°	232.0	232.5	234.1	235.3	234.1	232.5	232.0	231.0	229.3	226.4	221.9
67.5°	262.8	263.6	263.6	262.9	263.6	263.6	262.8	261.4	259.6	256.6	252.2
65°	289.3	291.1	291.2	290.4	291.2	291.1	289.3	287.0	284.5	281.0	276.7
62.5°	308.7	311.2	312.3	312.5	312.3	311.2	308.7	305.8	302.8	299.5	295.7
60°	318.2	319.4	319.8	319.9	319.8	319.4	318.2	316.7	314.8	312.7	310.2
57.5°	325.2	325.2	325.3	325.4	325.3	325.2	325.2	324.9	324.0	322.9	321.4
55°	332.5	332.5	331.9	330.9	331.9	332.5	332.5	332.3	331.8	331.4	330.5
52.5°	338.9	338.3	337.4	336.4	337.4	338.3	338.9	339.2	339.1	338.9	338.5
50°	345.4	344.2	343.7	343.8	343.7	344.2	345.4	346.1	346.5	346.4	345.7
47.5°	355.6	354.9	354.6	354.8	354.6	354.9	355.6	356.0	356.0	355.5	354.4
45°	372.0	371.3	370.9	371.3	370.9	371.3	372.0	371.7	370.8	369.0	366.4
42.5°	403.5	403.8	403.6	404.4	403.6	403.8	403.5	401.2	397.1	391.0	385.3
40°	446.9	446.7	445.2	444.9	445.2	446.7	446.9	443.8	436.1	427.7	417.7
37.5°	494.3	494.3	492.8	492.7	492.8	494.3	494.3	490.0	479.7	466.9	452.7
35°	539.0	540.7	540.3	538.6	540.3	540.7	539.0	533.9	524.3	510.9	492.5
32.5°	606.1	616.4	621.8	619.5	621.8	616.4	606.1	592.8	574.0	555.3	537.2
30°	740.3	766.8	780.7	786.8	780.7	766.8	740.3	709.5	660.6	626.4	594.6
27.5°	1036.5	1094.9	1121.1	1130.5	1121.1	1094.9	1036.5	953.7	838.1	770.0	684.7
25°	1653.3	1785.3	1850.4	1871.3	1850.4	1785.3	1653.3	1446.8	1210.4	1054.6	853.7
22.5°	2956.3	3210.5	3384.3	3422.8	3384.3	3210.5	2956.3	2466.2	2021.2	1621.1	1216.0
20°	5300.7	5792.3	6058.9	6035.0	6058.9	5792.3	5300.7	4456.0	3615.7	2614.6	1911.5
17.5°	8564.7	9195.0	9495.1	9354.8	9495.1	9195.0	8564.7	7420.8	6075.1	4461.5	2992.9
15°	12555.5	13407.1	13778.6	13893.5	13778.6	13407.1	12555.5	11161.8	9191.2	6981.8	4514.4
12.5°	17464.2	20256.0	21590.9	21948.7	21590.9	20256.0	17464.2	14974.7	12480.9	9382.3	6369.2
10°	24467.5	33851.6	39433.2	40796.2	39433.2	33851.6	24467.5	19856.2	15347.9	11581.8	7953.9
7.5°	39957.5	59026.8	80388.6	90504.3	80388.6	59026.8	39957.5	25564.1	18676.1	13535.0	9368.7
5°	60935.2	105757.8	155217.0	174605.9	155217.0	105757.8	60935.2	36830.0	22653.9	15220.2	10440.8
2.5°	86437.0	159686.2	228026.6	253502.6	228026.6	159686.2	86437.0	44634.4	25460.0	16245.5	11054.6
0°	97211.1	184100.4	251236.0	273058.7	251236.0	184100.4	97211.1	47136.3	25711.6	16592.0	11229.9
-2.5°	86437.0	159686.2	228026.6	253502.5	228026.6	159686.2	86437.0	44634.4	25460.0	16245.5	11054.6
-5°	60935.2	105757.8	155217.0	174605.9	155217.0	105757.8	60935.2	36830.0	22653.9	15220.2	10440.8
-7.5°	39957.5	59026.8	80388.6	90504.3	80388.6	59026.8	39957.5	25564.1	18676.1	13535.0	9368.7
-10°	24467.5	33851.6	39433.2	40796.2	39433.2	33851.6	24467.5	19856.2	15347.9	11581.8	7953.9
-12.5°	17464.2	20256.0	21590.9	21948.7	21590.9	20256.0	17464.2	14974.7	12480.9	9382.3	6369.2
-15°	12555.5	13407.1	13778.6	13893.5	13778.6	13407.1	12555.5	11161.8	9191.2	6981.8	4514.4
-17.5°	8564.7	9195.0	9495.1	9354.8	9495.1	9195.0	8564.7	7420.8	6075.1	4461.5	2992.9
-20°	5300.7	5792.3	6058.9	6035.0	6058.9	5792.3	5300.7	4456.0	3615.7	2614.6	1911.5



REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2956.3	3210.5	3384.3	3422.8	3384.3	3210.5	2956.3	2466.2	2021.2	1621.1	1216.0
-25°	1653.3	1785.3	1850.4	1871.3	1850.4	1785.3	1653.3	1446.8	1210.4	1054.6	853.7
-27.5°	1036.5	1094.9	1121.1	1130.5	1121.1	1094.9	1036.5	953.7	838.1	770.0	684.7
-30°	740.3	766.8	780.7	786.8	780.7	766.8	740.3	709.5	660.6	626.4	594.6
-32.5°	606.1	616.4	621.8	619.5	621.8	616.4	606.1	592.8	574.0	555.3	537.2
-35°	539.0	540.7	540.3	538.6	540.3	540.7	539.0	533.9	524.3	510.9	492.5
-37.5°	494.3	494.3	492.8	492.7	492.8	494.3	494.3	490.0	479.7	466.9	452.7
-40°	446.9	446.7	445.2	444.9	445.2	446.7	446.9	443.8	436.1	427.7	417.7
-42.5°	403.5	403.8	403.6	404.4	403.6	403.8	403.5	401.2	397.1	391.0	385.3
-45°	372.0	371.3	370.9	371.3	370.9	371.3	372.0	371.7	370.8	369.0	366.4
-47.5°	355.6	354.9	354.6	354.8	354.6	354.9	355.6	356.0	356.0	355.5	354.4
-50°	345.4	344.2	343.7	343.8	343.7	344.2	345.4	346.1	346.5	346.4	345.7
-52.5°	338.9	338.3	337.4	336.4	337.4	338.3	338.9	339.2	339.1	338.9	338.5
-55°	332.5	332.5	331.9	330.9	331.9	332.5	332.5	332.3	331.8	331.4	330.5
-57.5°	325.2	325.2	325.3	325.4	325.3	325.2	325.2	324.9	324.0	322.9	321.4
-60°	318.2	319.4	319.8	319.9	319.8	319.4	318.2	316.7	314.8	312.7	310.2
-62.5°	308.7	311.2	312.3	312.5	312.3	311.2	308.7	305.8	302.8	299.5	295.7
-65°	289.3	291.1	291.2	290.4	291.2	291.1	289.3	287.0	284.5	281.0	276.7
-67.5°	262.8	263.6	263.6	262.9	263.6	263.6	262.8	261.4	259.6	256.6	252.2
-70°	232.0	232.5	234.1	235.3	234.1	232.5	232.0	231.0	229.3	226.4	221.9
-72.5°	196.7	197.5	199.1	200.4	199.1	197.5	196.7	195.4	193.5	190.8	187.3
-75°	159.8	160.9	161.6	161.8	161.6	160.9	159.8	158.3	156.2	153.8	151.4
-77.5°	122.9	124.2	124.8	125.0	124.8	124.2	122.9	121.2	119.1	116.9	115.1
-80°	85.3	85.9	86.3	86.4	86.3	85.9	85.3	84.5	83.4	82.1	81.0
-82.5°	54.5	54.8	55.0	55.1	55.0	54.8	54.5	54.0	53.4	52.7	51.8
-85°	31.0	31.1	31.3	31.3	31.3	31.1	31.0	30.7	30.3	29.9	29.4
-87.5°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-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°	10.3	10.2	10.0	10.2	10.4	10.5	10.6	10.2	9.9	9.5	9.1
85°	28.8	28.2	27.5	26.4	25.4	24.4	23.4	22.3	21.2	20.1	19.0
82.5°	50.8	49.6	48.4	46.8	45.1	43.2	41.1	38.8	36.3	33.7	30.9
80°	79.5	77.8	75.7	73.1	70.3	67.3	64.1	60.8	57.1	53.5	50.3
77.5°	112.9	110.4	107.6	104.2	100.4	96.1	91.7	87.8	83.9	79.4	74.3
75°	148.6	145.3	141.6	137.5	133.0	128.2	122.8	117.1	111.3	105.5	99.4
72.5°	183.5	179.4	175.2	170.8	166.0	160.4	154.0	146.9	139.4	131.6	123.7
70°	217.0	211.7	206.5	201.4	196.0	190.0	183.3	176.0	168.1	159.3	149.5
67.5°	247.4	242.1	236.6	230.6	223.8	217.0	210.3	203.4	195.1	185.8	174.9
65°	272.1	267.3	262.7	256.3	249.4	242.0	234.5	226.6	218.4	209.8	199.5
62.5°	291.5	286.7	282.1	276.7	270.8	264.6	257.2	248.5	239.6	230.3	219.6
60°	307.0	303.3	298.6	293.6	288.2	282.1	274.6	267.1	259.5	249.3	238.6
57.5°	319.4	316.2	311.7	307.3	302.8	296.7	289.5	282.1	273.8	265.7	256.4
55°	329.2	326.4	322.6	318.1	313.2	308.1	302.4	295.3	287.2	279.5	270.3
52.5°	337.7	334.9	331.6	328.2	323.5	318.2	312.6	306.2	299.6	291.7	283.1
50°	344.6	342.2	339.2	335.7	331.7	327.6	322.1	315.9	309.9	302.7	294.4
47.5°	352.8	350.1	346.7	343.1	339.0	334.4	329.7	325.1	319.2	312.8	304.5
45°	363.9	360.1	355.7	351.5	346.7	341.9	336.4	332.1	327.5	321.2	314.3
42.5°	379.8	373.5	367.8	361.7	355.2	349.8	344.3	339.2	334.3	328.8	321.6
40°	404.6	391.4	383.4	374.5	366.6	358.2	352.3	346.2	340.9	335.5	328.5
37.5°	436.4	419.9	404.9	390.3	380.2	370.2	361.5	354.2	347.0	341.2	334.3
35°	470.9	451.0	432.5	414.1	395.9	383.7	372.0	362.8	354.5	346.6	339.8
32.5°	513.1	489.1	465.1	442.5	419.3	399.6	384.9	372.0	361.7	352.8	345.0
30°	561.1	531.0	502.3	474.0	445.8	420.4	399.2	382.9	369.5	358.8	350.2
27.5°	627.2	574.8	540.6	506.5	473.2	443.3	417.5	394.7	377.7	365.2	355.1
25°	740.3	644.3	583.0	541.4	502.8	467.2	436.9	410.1	388.0	371.5	358.9
22.5°	924.8	760.7	645.1	578.0	533.6	494.2	458.7	426.4	397.5	377.5	363.2
20°	1282.0	926.6	743.8	629.7	562.5	519.4	480.1	443.6	410.0	384.0	367.0
17.5°	1914.6	1226.3	858.6	687.8	596.9	542.2	500.4	459.3	421.7	389.4	370.0
15°	2679.2	1639.9	1067.1	778.6	634.6	560.9	518.2	473.6	433.1	396.6	374.0
12.5°	3763.2	2096.1	1248.2	851.9	675.5	583.8	533.3	487.7	443.6	404.2	377.4
10°	4666.7	2639.0	1535.9	987.5	730.1	608.1	544.2	496.1	449.6	409.7	379.6
7.5°	5800.0	3243.4	1792.5	1088.2	771.5	625.6	550.9	500.6	452.8	413.0	380.8
5°	6515.6	3643.0	1964.0	1164.0	802.2	637.4	555.6	502.3	453.4	414.4	381.0
2.5°	7019.2	3848.4	2042.2	1205.6	819.6	642.6	557.9	503.5	455.6	415.6	382.9
0°	7103.0	4005.5	2053.3	1215.1	821.7	639.7	557.0	503.7	457.7	415.4	384.2
-2.5°	7019.2	3848.4	2042.2	1205.6	819.6	642.6	557.9	503.5	455.6	415.6	382.9
-5°	6515.6	3643.0	1964.0	1164.0	802.2	637.4	555.6	502.3	453.4	414.4	381.0
-7.5°	5800.0	3243.4	1792.5	1088.2	771.5	625.6	550.9	500.6	452.8	413.0	380.8
-10°	4666.7	2639.0	1535.9	987.5	730.1	608.1	544.2	496.1	449.6	409.7	379.6
-12.5°	3763.2	2096.1	1248.2	851.9	675.5	583.8	533.3	487.7	443.6	404.2	377.4
-15°	2679.2	1639.9	1067.1	778.6	634.6	560.9	518.2	473.6	433.1	396.6	374.0
-17.5°	1914.6	1226.3	858.6	687.8	596.9	542.2	500.4	459.3	421.7	389.4	370.0
-20°	1282.0	926.6	743.8	629.7	562.5	519.4	480.1	443.6	410.0	384.0	367.0



REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	924.8	760.7	645.1	578.0	533.6	494.2	458.7	426.4	397.5	377.5	363.2
-25°	740.3	644.3	583.0	541.4	502.8	467.2	436.9	410.1	388.0	371.5	358.9
-27.5°	627.2	574.8	540.6	506.5	473.2	443.3	417.5	394.7	377.7	365.2	355.1
-30°	561.1	531.0	502.3	474.0	445.8	420.4	399.2	382.9	369.5	358.8	350.2
-32.5°	513.1	489.1	465.1	442.5	419.3	399.6	384.9	372.0	361.7	352.8	345.0
-35°	470.9	451.0	432.5	414.1	395.9	383.7	372.0	362.8	354.5	346.6	339.8
-37.5°	436.4	419.9	404.9	390.3	380.2	370.2	361.5	354.2	347.0	341.2	334.3
-40°	404.6	391.4	383.4	374.5	366.6	358.2	352.3	346.2	340.9	335.5	328.5
-42.5°	379.8	373.5	367.8	361.7	355.2	349.8	344.3	339.2	334.3	328.8	321.6
-45°	363.9	360.1	355.7	351.5	346.7	341.9	336.4	332.1	327.5	321.2	314.3
-47.5°	352.8	350.1	346.7	343.1	339.0	334.4	329.7	325.1	319.2	312.8	304.5
-50°	344.6	342.2	339.2	335.7	331.7	327.6	322.1	315.9	309.9	302.7	294.4
-52.5°	337.7	334.9	331.6	328.2	323.5	318.2	312.6	306.2	299.6	291.7	283.1
-55°	329.2	326.4	322.6	318.1	313.2	308.1	302.4	295.3	287.2	279.5	270.3
-57.5°	319.4	316.2	311.7	307.3	302.8	296.7	289.5	282.1	273.8	265.7	256.4
-60°	307.0	303.3	298.6	293.6	288.2	282.1	274.6	267.1	259.5	249.3	238.6
-62.5°	291.5	286.7	282.1	276.7	270.8	264.6	257.2	248.5	239.6	230.3	219.6
-65°	272.1	267.3	262.7	256.3	249.4	242.0	234.5	226.6	218.4	209.8	199.5
-67.5°	247.4	242.1	236.6	230.6	223.8	217.0	210.3	203.4	195.1	185.8	174.9
-70°	217.0	211.7	206.5	201.4	196.0	190.0	183.3	176.0	168.1	159.3	149.5
-72.5°	183.5	179.4	175.2	170.8	166.0	160.4	154.0	146.9	139.4	131.6	123.7
-75°	148.6	145.3	141.6	137.5	133.0	128.2	122.8	117.1	111.3	105.5	99.4
-77.5°	112.9	110.4	107.6	104.2	100.4	96.1	91.7	87.8	83.9	79.4	74.3
-80°	79.5	77.8	75.7	73.1	70.3	67.3	64.1	60.8	57.1	53.5	50.3
-82.5°	50.8	49.6	48.4	46.8	45.1	43.2	41.1	38.8	36.3	33.7	30.9
-85°	28.8	28.2	27.5	26.4	25.4	24.4	23.4	22.3	21.2	20.1	19.0
-87.5°	10.3	10.2	10.0	10.2	10.4	10.5	10.6	10.2	9.9	9.5	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-927-U-TS-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°	8.7	8.3	7.9	7.4	6.9	6.4	6.0	5.5	4.9	4.4	3.9
85°	18.2	17.3	16.4	15.3	14.2	12.9	11.9	10.9	9.9	8.8	7.7
82.5°	28.7	27.4	26.1	24.8	23.6	22.1	20.3	18.2	15.8	13.4	11.6
80°	47.3	44.1	40.8	37.4	34.1	31.2	29.2	26.7	23.2	19.9	16.6
77.5°	68.6	63.1	57.6	52.9	47.9	43.3	39.2	35.2	30.6	26.3	22.2
75°	92.3	85.0	77.8	70.6	62.9	55.3	49.6	44.3	38.7	32.8	27.6
72.5°	115.7	107.3	98.3	89.0	80.1	71.0	61.7	53.3	47.0	40.4	33.4
70°	139.5	129.7	119.7	108.9	97.8	86.8	76.3	65.7	55.4	47.9	40.1
67.5°	163.4	151.9	140.4	128.6	116.1	103.4	90.8	78.6	66.8	55.4	46.7
65°	186.9	173.8	160.5	147.5	134.0	119.9	105.8	91.5	77.9	65.0	53.2
62.5°	208.3	195.7	181.1	166.5	151.6	136.3	120.5	104.8	88.9	74.5	60.8
60°	227.3	214.4	201.0	185.6	169.2	152.6	135.4	117.9	100.7	83.6	68.7
57.5°	244.5	232.1	218.3	203.5	186.7	168.7	150.1	131.1	112.2	93.6	76.3
55°	260.3	247.8	234.6	219.6	203.0	184.5	164.5	144.1	123.5	103.5	83.8
52.5°	273.2	262.2	249.1	234.6	217.9	199.6	178.7	156.9	135.0	113.2	92.2
50°	284.8	274.5	262.3	247.8	232.1	213.0	192.6	169.5	146.1	122.7	100.5
47.5°	295.4	285.4	273.9	260.2	244.0	226.0	204.9	181.8	156.8	132.2	108.4
45°	304.9	295.2	284.3	270.9	255.5	237.2	216.4	193.8	167.5	141.4	116.0
42.5°	313.5	303.7	293.1	281.4	265.4	247.6	227.5	204.0	177.9	150.3	123.5
40°	320.3	311.2	301.1	289.1	274.7	257.6	236.8	213.6	187.9	158.8	130.9
37.5°	326.7	317.7	307.7	296.4	283.0	265.7	245.7	222.6	196.9	167.2	137.9
35°	332.0	323.4	313.6	302.6	289.4	273.4	254.2	230.9	204.4	175.0	144.5
32.5°	337.0	328.5	318.4	307.6	295.5	280.7	261.4	238.0	211.6	182.3	150.7
30°	341.7	332.4	323.0	312.1	300.8	286.1	267.5	244.5	218.2	189.1	156.6
27.5°	345.5	335.8	326.9	316.0	304.7	291.0	273.1	250.6	224.3	195.0	162.0
25°	349.0	339.0	329.8	319.6	308.1	295.5	278.3	256.2	229.5	200.0	167.0
22.5°	352.1	341.9	332.2	322.8	311.1	299.7	282.5	260.4	234.0	204.5	171.5
20°	354.9	344.5	334.1	325.3	313.6	302.2	285.9	264.2	238.1	208.5	175.5
17.5°	357.3	346.6	336.0	326.7	315.8	304.3	288.9	267.6	241.6	212.0	179.0
15°	359.6	348.3	337.7	327.9	317.5	306.1	291.6	270.6	244.6	215.1	182.1
12.5°	361.4	349.4	339.0	328.8	318.8	307.5	294.0	273.1	247.1	217.6	184.6
10°	362.9	350.1	339.9	329.4	319.7	308.6	296.0	275.1	249.1	219.6	186.5
7.5°	363.9	350.2	340.5	329.7	320.3	309.4	297.1	276.5	250.6	221.1	188.0
5°	364.8	350.7	341.2	330.3	321.1	310.1	297.8	277.4	251.5	222.0	188.9
2.5°	366.5	352.0	341.7	330.8	321.5	310.5	298.0	277.8	251.9	222.5	189.4
0°	367.6	352.9	341.9	330.9	321.7	310.7	297.8	277.6	251.8	222.4	189.3
-2.5°	366.5	352.0	341.7	330.8	321.5	310.5	298.0	277.8	251.9	222.5	189.4
-5°	364.8	350.7	341.2	330.3	321.1	310.1	297.8	277.4	251.5	222.0	188.9
-7.5°	363.9	350.2	340.5	329.7	320.3	309.4	297.1	276.5	250.6	221.1	188.0
-10°	362.9	350.1	339.9	329.4	319.7	308.6	296.0	275.1	249.1	219.6	186.5
-12.5°	361.4	349.4	339.0	328.8	318.8	307.5	294.0	273.1	247.1	217.6	184.6
-15°	359.6	348.3	337.7	327.9	317.5	306.1	291.6	270.6	244.6	215.1	182.1
-17.5°	357.3	346.6	336.0	326.7	315.8	304.3	288.9	267.6	241.6	212.0	179.0
-20°	354.9	344.5	334.1	325.3	313.6	302.2	285.9	264.2	238.1	208.5	175.5



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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°	352.1	341.9	332.2	322.8	311.1	299.7	282.5	260.4	234.0	204.5	171.5
-25°	349.0	339.0	329.8	319.6	308.1	295.5	278.3	256.2	229.5	200.0	167.0
-27.5°	345.5	335.8	326.9	316.0	304.7	291.0	273.1	250.6	224.3	195.0	162.0
-30°	341.7	332.4	323.0	312.1	300.8	286.1	267.5	244.5	218.2	189.1	156.6
-32.5°	337.0	328.5	318.4	307.6	295.5	280.7	261.4	238.0	211.6	182.3	150.7
-35°	332.0	323.4	313.6	302.6	289.4	273.4	254.2	230.9	204.4	175.0	144.5
-37.5°	326.7	317.7	307.7	296.4	283.0	265.7	245.7	222.6	196.9	167.2	137.9
-40°	320.3	311.2	301.1	289.1	274.7	257.6	236.8	213.6	187.9	158.8	130.9
-42.5°	313.5	303.7	293.1	281.4	265.4	247.6	227.5	204.0	177.9	150.3	123.5
-45°	304.9	295.2	284.3	270.9	255.5	237.2	216.4	193.8	167.5	141.4	116.0
-47.5°	295.4	285.4	273.9	260.2	244.0	226.0	204.9	181.8	156.8	132.2	108.4
-50°	284.8	274.5	262.3	247.8	232.1	213.0	192.6	169.5	146.1	122.7	100.5
-52.5°	273.2	262.2	249.1	234.6	217.9	199.6	178.7	156.9	135.0	113.2	92.2
-55°	260.3	247.8	234.6	219.6	203.0	184.5	164.5	144.1	123.5	103.5	83.8
-57.5°	244.5	232.1	218.3	203.5	186.7	168.7	150.1	131.1	112.2	93.6	76.3
-60°	227.3	214.4	201.0	185.6	169.2	152.6	135.4	117.9	100.7	83.6	68.7
-62.5°	208.3	195.7	181.1	166.5	151.6	136.3	120.5	104.8	88.9	74.5	60.8
-65°	186.9	173.8	160.5	147.5	134.0	119.9	105.8	91.5	77.9	65.0	53.2
-67.5°	163.4	151.9	140.4	128.6	116.1	103.4	90.8	78.6	66.8	55.4	46.7
-70°	139.5	129.7	119.7	108.9	97.8	86.8	76.3	65.7	55.4	47.9	40.1
-72.5°	115.7	107.3	98.3	89.0	80.1	71.0	61.7	53.3	47.0	40.4	33.4
-75°	92.3	85.0	77.8	70.6	62.9	55.3	49.6	44.3	38.7	32.8	27.6
-77.5°	68.6	63.1	57.6	52.9	47.9	43.3	39.2	35.2	30.6	26.3	22.2
-80°	47.3	44.1	40.8	37.4	34.1	31.2	29.2	26.7	23.2	19.9	16.6
-82.5°	28.7	27.4	26.1	24.8	23.6	22.1	20.3	18.2	15.8	13.4	11.6
-85°	18.2	17.3	16.4	15.3	14.2	12.9	11.9	10.9	9.9	8.8	7.7
-87.5°	8.7	8.3	7.9	7.4	6.9	6.4	6.0	5.5	4.9	4.4	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
85°	6.7	5.8	4.8	3.7	2.6	1.3	0.0
82.5°	10.0	8.7	7.2	5.6	3.8	1.9	0.0
80°	13.5	11.5	9.6	7.4	5.1	2.6	0.0
77.5°	18.2	14.8	11.9	9.2	6.4	3.2	0.0
75°	22.9	18.7	14.4	11.1	7.6	3.8	0.0
72.5°	27.5	22.5	17.5	12.9	8.8	4.4	0.0
70°	32.2	26.3	20.6	14.8	10.0	5.0	0.0
67.5°	38.0	30.1	23.6	17.0	11.2	5.6	0.0
65°	43.6	34.3	26.5	19.2	12.4	6.2	0.0
62.5°	49.1	38.8	29.4	21.4	13.6	6.8	0.0
60°	54.5	43.2	32.3	23.6	14.7	7.3	0.0
57.5°	60.9	47.5	35.7	25.7	16.1	7.9	0.0
55°	67.3	51.7	39.0	27.7	17.4	8.4	0.0
52.5°	73.6	55.9	42.2	29.7	18.7	8.9	0.0
50°	79.6	61.0	45.3	31.6	19.9	9.4	0.0
47.5°	85.6	65.8	48.3	33.5	21.1	9.9	0.0
45°	92.0	70.5	51.1	35.7	22.3	10.4	0.0
42.5°	98.2	75.0	53.8	37.7	23.4	10.8	0.0
40°	104.1	79.2	56.8	39.6	24.5	11.3	0.0
37.5°	109.6	83.3	60.0	41.3	25.5	11.7	0.0
35°	114.8	87.4	63.1	43.0	26.4	12.0	0.0
32.5°	119.8	91.5	66.0	44.5	27.3	12.4	0.0
30°	124.8	95.3	68.7	46.0	28.2	12.7	0.0
27.5°	129.4	98.8	71.1	47.2	28.9	13.0	0.0
25°	133.6	102.0	73.3	48.4	29.6	13.3	0.0
22.5°	137.4	104.9	75.4	49.5	30.3	13.6	0.0
20°	140.8	107.5	77.3	50.4	30.9	13.8	0.0
17.5°	144.0	109.8	79.0	51.2	31.4	14.0	0.0
15°	146.7	111.9	80.4	51.9	31.8	14.2	0.0
12.5°	149.0	113.6	81.7	52.4	32.2	14.4	0.0
10°	151.0	115.1	82.7	52.8	32.5	14.5	0.0
7.5°	152.5	116.2	83.5	53.1	32.8	14.6	0.0
5°	153.5	117.0	84.1	53.3	33.0	14.6	0.0
2.5°	154.2	117.4	84.5	53.4	33.1	14.7	0.0
0°	154.4	117.6	84.6	53.3	33.1	14.7	0.0
-2.5°	154.2	117.4	84.5	53.4	33.1	14.7	0.0
-5°	153.5	117.0	84.1	53.3	33.0	14.6	0.0
-7.5°	152.5	116.2	83.5	53.1	32.8	14.6	0.0
-10°	151.0	115.1	82.7	52.8	32.5	14.5	0.0
-12.5°	149.0	113.6	81.7	52.4	32.2	14.4	0.0
-15°	146.7	111.9	80.4	51.9	31.8	14.2	0.0
-17.5°	144.0	109.8	79.0	51.2	31.4	14.0	0.0
-20°	140.8	107.5	77.3	50.4	30.9	13.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	137.4	104.9	75.4	49.5	30.3	13.6	0.0
-25°	133.6	102.0	73.3	48.4	29.6	13.3	0.0
-27.5°	129.4	98.8	71.1	47.2	28.9	13.0	0.0
-30°	124.8	95.3	68.7	46.0	28.2	12.7	0.0
-32.5°	119.8	91.5	66.0	44.5	27.3	12.4	0.0
-35°	114.8	87.4	63.1	43.0	26.4	12.0	0.0
-37.5°	109.6	83.3	60.0	41.3	25.5	11.7	0.0
-40°	104.1	79.2	56.8	39.6	24.5	11.3	0.0
-42.5°	98.2	75.0	53.8	37.7	23.4	10.8	0.0
-45°	92.0	70.5	51.1	35.7	22.3	10.4	0.0
-47.5°	85.6	65.8	48.3	33.5	21.1	9.9	0.0
-50°	79.6	61.0	45.3	31.6	19.9	9.4	0.0
-52.5°	73.6	55.9	42.2	29.7	18.7	8.9	0.0
-55°	67.3	51.7	39.0	27.7	17.4	8.4	0.0
-57.5°	60.9	47.5	35.7	25.7	16.1	7.9	0.0
-60°	54.5	43.2	32.3	23.6	14.7	7.3	0.0
-62.5°	49.1	38.8	29.4	21.4	13.6	6.8	0.0
-65°	43.6	34.3	26.5	19.2	12.4	6.2	0.0
-67.5°	38.0	30.1	23.6	17.0	11.2	5.6	0.0
-70°	32.2	26.3	20.6	14.8	10.0	5.0	0.0
-72.5°	27.5	22.5	17.5	12.9	8.8	4.4	0.0
-75°	22.9	18.7	14.4	11.1	7.6	3.8	0.0
-77.5°	18.2	14.8	11.9	9.2	6.4	3.2	0.0
-80°	13.5	11.5	9.6	7.4	5.1	2.6	0.0
-82.5°	10.0	8.7	7.2	5.6	3.8	1.9	0.0
-85°	6.7	5.8	4.8	3.7	2.6	1.3	0.0
-87.5°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)