

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: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558864 (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-SA3E-935-U-TS-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

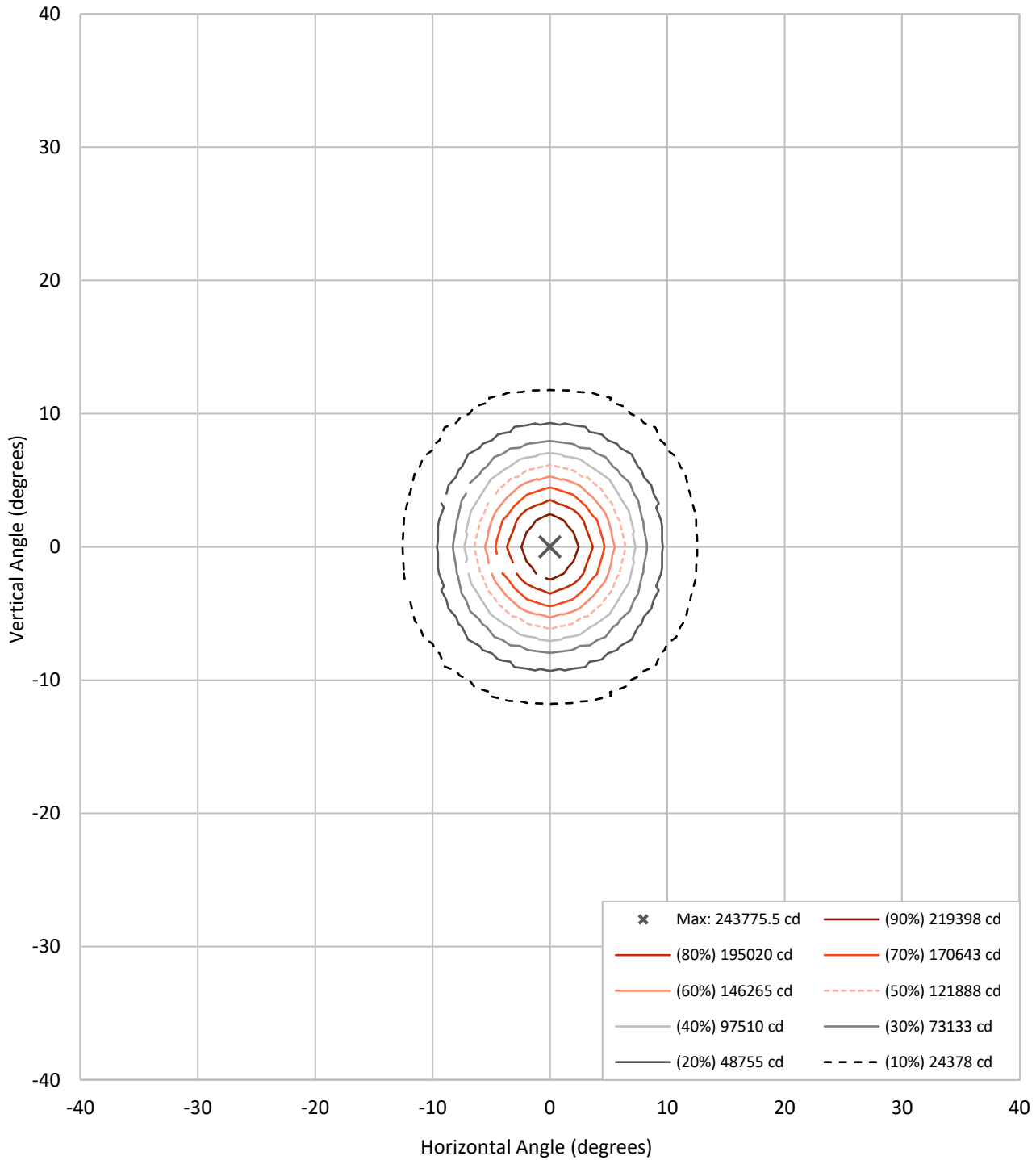
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17670.5 lumens	Max Intensity:	243775.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5583.6 lumens	Field Lumens:	12369.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 182  
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





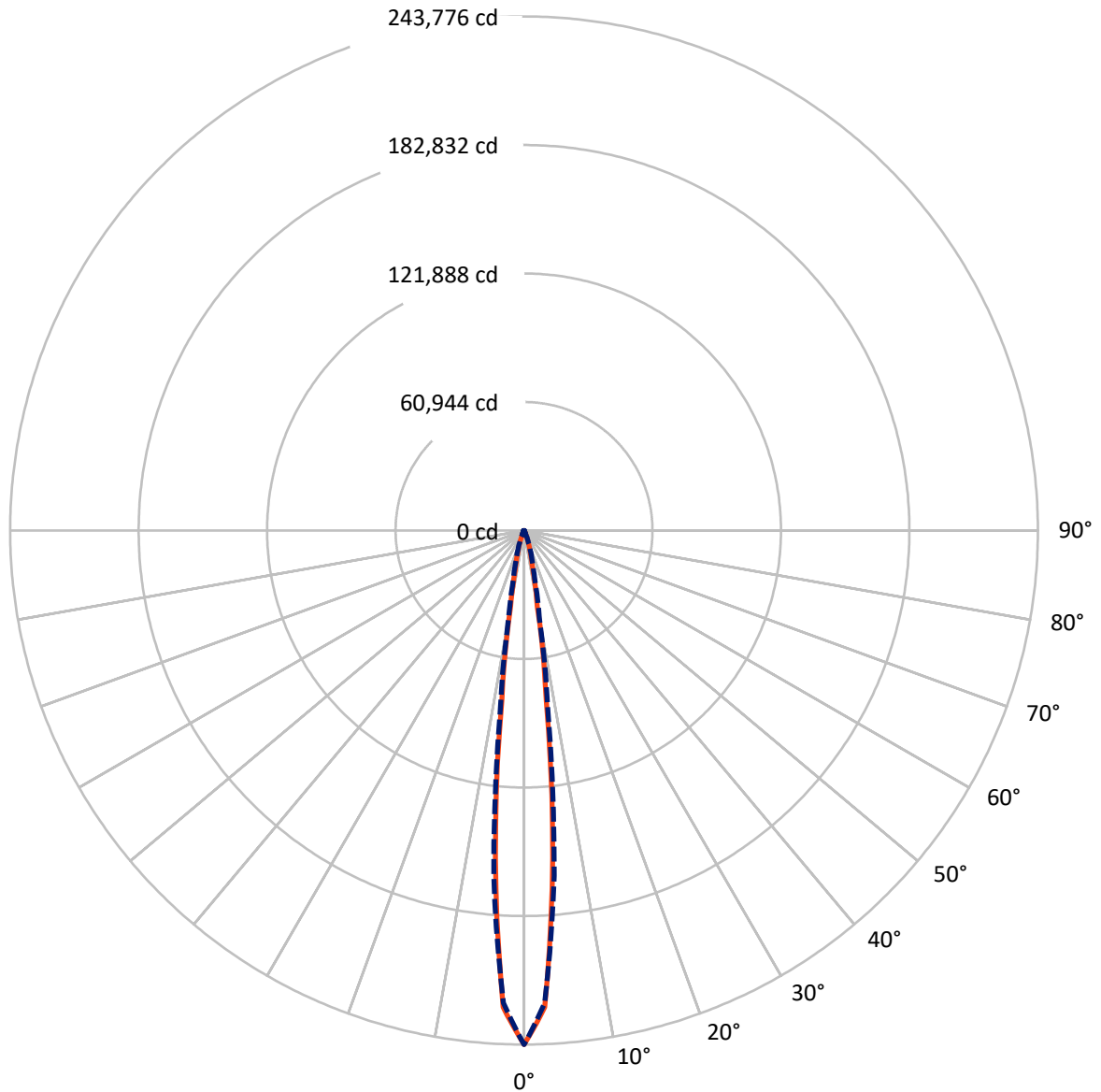
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 CATALOG NUMBER: GFLD-SA3E-935-U-TS-XX

### Lumen Table

90	0.3	2.0		5.7		9.1		10.6		9.1		5.7		2.0		0.3			
80	0.3	2.0		5.7		9.1		10.6		9.1		5.7		2.0		0.3			
70	0.9	1.1	2.3	3.8	5.2	6.4	7.2	7.7	7.7	7.2	6.4	5.2	3.8	2.3	1.1	0.9			
60		1.7	3.4	5.2	6.7	7.9	8.7	9.0	9.0	8.7	7.9	6.7	5.2	3.4	1.7				
50	1.7	2.2	4.2	6.0	7.5	8.8	9.8	10.3	10.3	9.8	8.8	7.5	6.0	4.2	2.2	1.7			
40		2.6	4.7	6.5	8.4	10.8	13.5	15.2	15.2	13.5	10.8	8.4	6.5	4.7	2.6				
30	2.3	2.9	5.0	6.9	9.8	15.3	33.9	61.7	61.7	33.9	15.3	9.8	6.9	5.0	2.9	2.3			
20		3.1	5.1	7.3	11.6	32.8	185.3	407.6	407.6	185.3	32.8	11.6	7.3	5.1	3.1				
10	2.5	3.2	5.2	7.5	12.9	63.0	444.8	2877.4	2877.4	444.8	63.0	12.9	7.5	5.2	3.2	2.5			
0		3.2	5.2	7.5	12.9	63.0	444.8	2877.4	2877.4	444.8	63.0	12.9	7.5	5.2	3.2				
-10	2.3	3.1	5.1	7.3	11.6	32.8	185.3	407.6	407.6	185.3	32.8	11.6	7.3	5.1	3.1	2.3			
-20		2.9	5.0	6.9	9.8	15.3	33.9	61.7	61.7	33.9	15.3	9.8	6.9	5.0	2.9				
-30	1.7	2.6	4.7	6.5	8.4	10.8	13.5	15.2	15.2	13.5	10.8	8.4	6.5	4.7	2.6	1.7			
-40		2.2	4.2	6.0	7.5	8.8	9.8	10.3	10.3	9.8	8.8	7.5	6.0	4.2	2.2				
-50	0.9	1.7	3.4	5.2	6.7	7.9	8.7	9.0	9.0	8.7	7.9	6.7	5.2	3.4	1.7	0.9			
-60		1.1	2.3	3.8	5.2	6.4	7.2	7.7	7.7	7.2	6.4	5.2	3.8	2.3	1.1				
-70	0.3	2.0		5.7		9.1		10.6		9.1		5.7		2.0		0.3			
-80		2.0		5.7		9.1		10.6		9.1		5.7		2.0					
-90	0.3	2.0		5.7		9.1		10.6		9.1		5.7		2.0		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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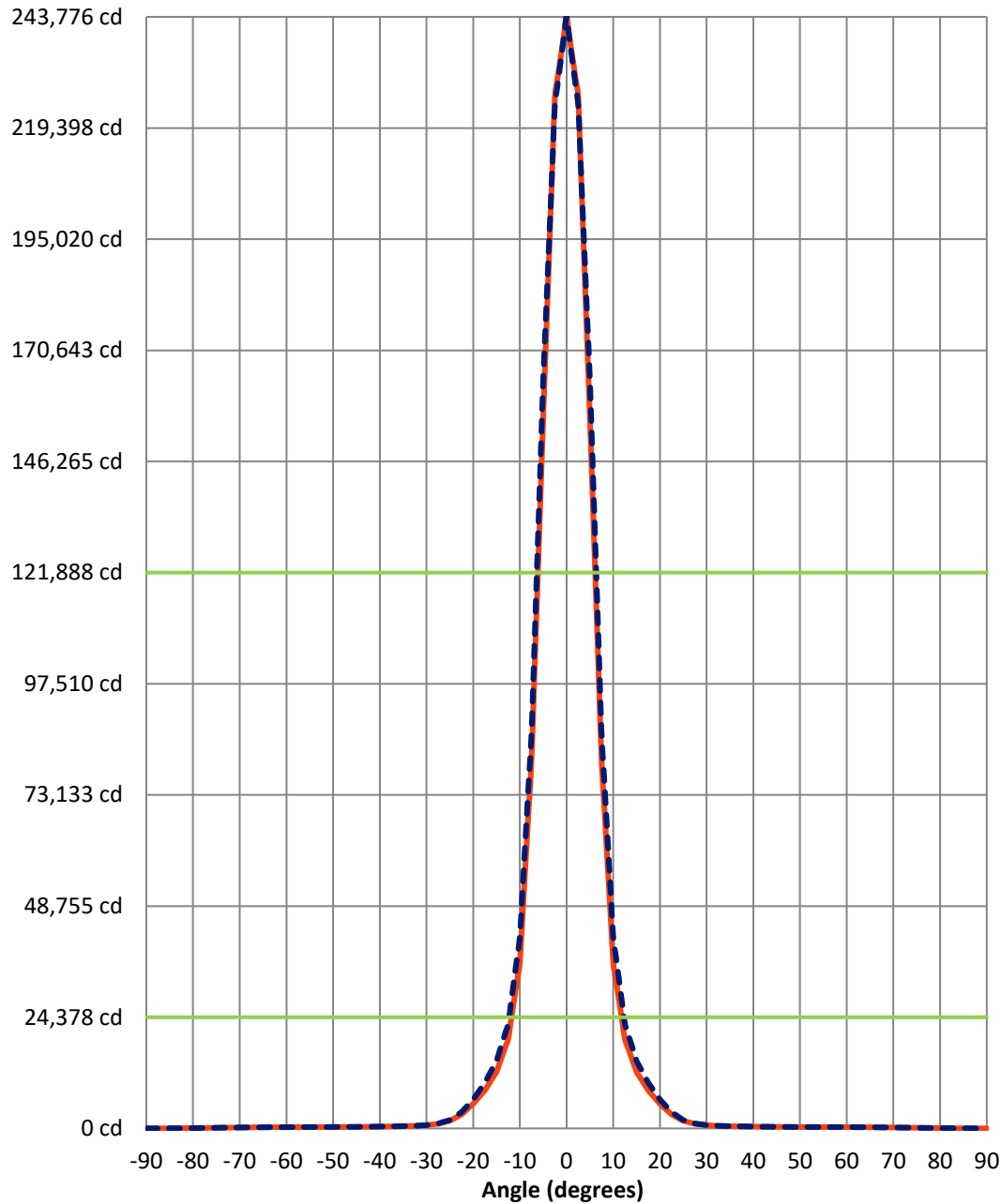
### Luminous Intensity Polar Plot



— 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: 5583.6  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 12369.6  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 5300.9  
 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	1.1	1.7	2.1	2.6	3.0	3.5	3.9	4.4	4.9
85°	0.0	1.1	2.3	3.3	4.3	5.1	6.0	6.9	7.9	8.8	9.7
82.5°	0.0	1.7	3.4	5.0	6.4	7.7	8.9	10.3	11.9	14.1	16.3
80°	0.0	2.3	4.5	6.6	8.5	10.3	12.0	14.8	17.7	20.7	23.8
77.5°	0.0	2.8	5.7	8.2	10.6	13.2	16.2	19.7	23.5	27.3	31.4
75°	0.0	3.4	6.8	9.9	12.9	16.6	20.4	24.6	29.2	34.5	39.5
72.5°	0.0	3.9	7.9	11.5	15.6	20.1	24.5	29.8	36.0	42.0	47.6
70°	0.0	4.5	9.0	13.2	18.3	23.5	28.7	35.7	42.7	49.4	58.7
67.5°	0.0	5.0	10.0	15.2	21.0	26.8	33.9	41.7	49.4	59.6	70.2
65°	0.0	5.5	11.1	17.2	23.7	30.5	38.9	47.5	58.1	69.5	81.7
62.5°	0.0	6.0	12.1	19.1	26.2	34.6	43.8	54.3	66.5	79.4	93.6
60°	0.0	6.5	13.1	21.0	28.8	38.6	48.7	61.3	74.7	89.9	105.3
57.5°	0.0	7.0	14.3	22.9	31.8	42.4	54.4	68.1	83.5	100.2	117.0
55°	0.0	7.5	15.5	24.7	34.8	46.2	60.1	74.8	92.4	110.3	128.7
52.5°	0.0	8.0	16.7	26.4	37.6	50.0	65.7	82.3	101.0	120.5	140.0
50°	0.0	8.4	17.8	28.2	40.4	54.4	71.0	89.7	109.5	130.4	151.3
47.5°	0.0	8.8	18.8	29.9	43.1	58.8	76.4	96.8	118.0	139.9	162.3
45°	0.0	9.3	19.9	31.8	45.6	62.9	82.1	103.5	126.2	149.5	173.0
42.5°	0.0	9.7	20.9	33.6	48.0	66.9	87.7	110.3	134.1	158.8	182.1
40°	0.0	10.0	21.8	35.3	50.7	70.7	92.9	116.8	141.8	167.7	190.7
37.5°	0.0	10.4	22.7	36.9	53.6	74.3	97.9	123.1	149.2	175.8	198.8
35°	0.0	10.7	23.6	38.4	56.3	78.0	102.5	129.0	156.2	182.5	206.2
32.5°	0.0	11.0	24.4	39.7	58.9	81.7	107.0	134.6	162.8	188.9	212.5
30°	0.0	11.3	25.1	41.0	61.3	85.1	111.4	139.8	168.8	194.8	218.3
27.5°	0.0	11.6	25.8	42.2	63.5	88.2	115.5	144.7	174.1	200.3	223.8
25°	0.0	11.9	26.4	43.2	65.5	91.0	119.3	149.2	178.5	204.9	228.7
22.5°	0.0	12.1	27.0	44.2	67.3	93.6	122.7	153.2	182.5	208.9	232.4
20°	0.0	12.3	27.5	45.0	69.0	96.0	125.8	156.7	186.1	212.5	235.8
17.5°	0.0	12.5	28.0	45.7	70.5	98.1	128.6	159.9	189.3	215.7	238.9
15°	0.0	12.7	28.4	46.3	71.8	99.9	131.0	162.6	192.0	218.4	241.5
12.5°	0.0	12.8	28.7	46.8	72.9	101.4	133.1	164.8	194.2	220.6	243.8
10°	0.0	12.9	29.0	47.2	73.8	102.7	134.8	166.5	196.0	222.4	245.6
7.5°	0.0	13.0	29.2	47.4	74.6	103.7	136.2	167.8	197.4	223.7	246.8
5°	0.0	13.1	29.4	47.6	75.1	104.4	137.1	168.7	198.2	224.6	247.6
2.5°	0.0	13.1	29.5	47.7	75.4	104.9	137.7	169.1	198.7	224.9	247.9
0°	0.0	13.1	29.5	47.6	75.5	105.0	137.9	169.0	198.6	224.8	247.8
-2.5°	0.0	13.1	29.5	47.7	75.4	104.9	137.7	169.1	198.7	224.9	247.9
-5°	0.0	13.1	29.4	47.6	75.1	104.4	137.1	168.7	198.2	224.6	247.6
-7.5°	0.0	13.0	29.2	47.4	74.6	103.7	136.2	167.8	197.4	223.7	246.8
-10°	0.0	12.9	29.0	47.2	73.8	102.7	134.8	166.5	196.0	222.4	245.6
-12.5°	0.0	12.8	28.7	46.8	72.9	101.4	133.1	164.8	194.2	220.6	243.8
-15°	0.0	12.7	28.4	46.3	71.8	99.9	131.0	162.6	192.0	218.4	241.5
-17.5°	0.0	12.5	28.0	45.7	70.5	98.1	128.6	159.9	189.3	215.7	238.9
-20°	0.0	12.3	27.5	45.0	69.0	96.0	125.8	156.7	186.1	212.5	235.8



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 CATALOG NUMBER: GFLD-SA3E-935-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	12.1	27.0	44.2	67.3	93.6	122.7	153.2	182.5	208.9	232.4
-25°	0.0	11.9	26.4	43.2	65.5	91.0	119.3	149.2	178.5	204.9	228.7
-27.5°	0.0	11.6	25.8	42.2	63.5	88.2	115.5	144.7	174.1	200.3	223.8
-30°	0.0	11.3	25.1	41.0	61.3	85.1	111.4	139.8	168.8	194.8	218.3
-32.5°	0.0	11.0	24.4	39.7	58.9	81.7	107.0	134.6	162.8	188.9	212.5
-35°	0.0	10.7	23.6	38.4	56.3	78.0	102.5	129.0	156.2	182.5	206.2
-37.5°	0.0	10.4	22.7	36.9	53.6	74.3	97.9	123.1	149.2	175.8	198.8
-40°	0.0	10.0	21.8	35.3	50.7	70.7	92.9	116.8	141.8	167.7	190.7
-42.5°	0.0	9.7	20.9	33.6	48.0	66.9	87.7	110.3	134.1	158.8	182.1
-45°	0.0	9.3	19.9	31.8	45.6	62.9	82.1	103.5	126.2	149.5	173.0
-47.5°	0.0	8.8	18.8	29.9	43.1	58.8	76.4	96.8	118.0	139.9	162.3
-50°	0.0	8.4	17.8	28.2	40.4	54.4	71.0	89.7	109.5	130.4	151.3
-52.5°	0.0	8.0	16.7	26.4	37.6	50.0	65.7	82.3	101.0	120.5	140.0
-55°	0.0	7.5	15.5	24.7	34.8	46.2	60.1	74.8	92.4	110.3	128.7
-57.5°	0.0	7.0	14.3	22.9	31.8	42.4	54.4	68.1	83.5	100.2	117.0
-60°	0.0	6.5	13.1	21.0	28.8	38.6	48.7	61.3	74.7	89.9	105.3
-62.5°	0.0	6.0	12.1	19.1	26.2	34.6	43.8	54.3	66.5	79.4	93.6
-65°	0.0	5.5	11.1	17.2	23.7	30.5	38.9	47.5	58.1	69.5	81.7
-67.5°	0.0	5.0	10.0	15.2	21.0	26.8	33.9	41.7	49.4	59.6	70.2
-70°	0.0	4.5	9.0	13.2	18.3	23.5	28.7	35.7	42.7	49.4	58.7
-72.5°	0.0	3.9	7.9	11.5	15.6	20.1	24.5	29.8	36.0	42.0	47.6
-75°	0.0	3.4	6.8	9.9	12.9	16.6	20.4	24.6	29.2	34.5	39.5
-77.5°	0.0	2.8	5.7	8.2	10.6	13.2	16.2	19.7	23.5	27.3	31.4
-80°	0.0	2.3	4.5	6.6	8.5	10.3	12.0	14.8	17.7	20.7	23.8
-82.5°	0.0	1.7	3.4	5.0	6.4	7.7	8.9	10.3	11.9	14.1	16.3
-85°	0.0	1.1	2.3	3.3	4.3	5.1	6.0	6.9	7.9	8.8	9.7
-87.5°	0.0	0.6	1.1	1.7	2.1	2.6	3.0	3.5	3.9	4.4	4.9
-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):**

	-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°	5.3	5.7	6.2	6.6	7.0	7.4	7.8	8.1	8.5	8.8	9.1
85°	10.6	11.5	12.7	13.7	14.6	15.5	16.2	16.9	17.9	18.9	19.9
82.5°	18.1	19.7	21.0	22.2	23.4	24.4	25.6	27.6	30.0	32.4	34.7
80°	26.0	27.9	30.5	33.4	36.5	39.4	42.2	44.9	47.8	51.0	54.3
77.5°	35.0	38.7	42.8	47.2	51.4	56.3	61.3	66.3	70.9	74.9	78.5
75°	44.3	49.3	56.2	63.0	69.4	75.9	82.4	88.8	94.3	99.4	104.5
72.5°	55.1	63.4	71.5	79.4	87.7	95.8	103.3	110.4	117.5	124.5	131.2
70°	68.2	77.5	87.3	97.2	106.9	115.8	124.6	133.5	142.3	150.1	157.2
67.5°	81.1	92.4	103.6	114.8	125.4	135.6	145.9	156.1	165.9	174.2	181.5
65°	94.5	107.0	119.6	131.7	143.2	155.1	166.8	178.1	187.3	195.0	202.4
62.5°	107.6	121.7	135.4	148.6	161.7	174.7	185.9	196.1	205.6	213.9	221.9
60°	120.9	136.2	151.1	165.7	179.5	191.4	202.9	213.0	222.6	231.7	238.4
57.5°	134.0	150.6	166.7	181.6	194.8	207.2	218.2	228.9	237.2	244.4	251.8
55°	146.9	164.7	181.2	196.0	209.4	221.3	232.4	241.3	249.5	256.4	263.7
52.5°	159.6	178.1	194.5	209.4	222.4	234.0	243.8	252.7	260.4	267.5	273.3
50°	172.0	190.1	207.1	221.3	234.2	245.0	254.3	262.8	270.3	276.7	282.0
47.5°	182.9	201.8	217.8	232.3	244.5	254.8	263.8	271.9	279.3	285.0	290.3
45°	193.2	211.7	228.1	241.8	253.8	263.5	272.2	280.6	286.7	292.4	296.5
42.5°	203.1	221.0	236.9	251.2	261.7	271.1	279.9	287.1	293.5	298.5	302.8
40°	211.4	230.0	245.2	258.1	268.9	277.9	286.0	293.3	299.6	304.4	309.1
37.5°	219.3	237.2	252.6	264.7	274.7	283.6	291.7	298.5	304.7	309.8	316.2
35°	226.9	244.1	258.4	270.1	279.9	288.8	296.5	303.4	309.5	316.5	324.0
32.5°	233.4	250.6	263.9	274.6	284.3	293.3	301.0	308.0	315.0	323.0	332.2
30°	238.8	255.4	268.6	278.6	288.3	296.8	305.0	312.6	320.4	329.9	341.9
27.5°	243.8	259.8	272.0	282.1	291.9	299.9	308.4	317.1	326.1	337.2	352.3
25°	248.4	263.8	275.1	285.3	294.4	302.7	311.5	320.4	331.7	346.4	366.2
22.5°	252.2	267.6	277.7	288.2	296.5	305.2	314.4	324.3	337.0	354.8	380.7
20°	255.2	269.8	280.0	290.4	298.3	307.5	316.9	327.6	342.8	366.0	396.0
17.5°	257.9	271.7	281.9	291.6	300.0	309.4	319.1	330.3	347.6	376.5	410.1
15°	260.4	273.2	283.4	292.7	301.4	310.9	321.0	333.9	354.0	386.6	422.8
12.5°	262.5	274.5	284.6	293.5	302.6	312.0	322.7	336.9	360.9	396.1	435.4
10°	264.2	275.4	285.4	294.0	303.4	312.5	324.0	338.9	365.7	401.4	442.9
7.5°	265.3	276.2	286.0	294.3	304.0	312.7	324.9	339.9	368.7	404.2	446.9
5°	265.9	276.8	286.7	294.9	304.5	313.1	325.7	340.1	370.0	404.8	448.5
2.5°	266.1	277.2	287.1	295.3	305.0	314.3	327.2	341.9	371.1	406.7	449.5
0°	265.9	277.3	287.2	295.4	305.2	315.1	328.2	343.0	370.9	408.6	449.7
-2.5°	266.1	277.2	287.1	295.3	305.0	314.3	327.2	341.9	371.1	406.7	449.5
-5°	265.9	276.8	286.7	294.9	304.5	313.1	325.7	340.1	370.0	404.8	448.5
-7.5°	265.3	276.2	286.0	294.3	304.0	312.7	324.9	339.9	368.7	404.2	446.9
-10°	264.2	275.4	285.4	294.0	303.4	312.5	324.0	338.9	365.7	401.4	442.9
-12.5°	262.5	274.5	284.6	293.5	302.6	312.0	322.7	336.9	360.9	396.1	435.4
-15°	260.4	273.2	283.4	292.7	301.4	310.9	321.0	333.9	354.0	386.6	422.8
-17.5°	257.9	271.7	281.9	291.6	300.0	309.4	319.1	330.3	347.6	376.5	410.1
-20°	255.2	269.8	280.0	290.4	298.3	307.5	316.9	327.6	342.8	366.0	396.0



REPORT NUMBER: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	252.2	267.6	277.7	288.2	296.5	305.2	314.4	324.3	337.0	354.8	380.7
-25°	248.4	263.8	275.1	285.3	294.4	302.7	311.5	320.4	331.7	346.4	366.2
-27.5°	243.8	259.8	272.0	282.1	291.9	299.9	308.4	317.1	326.1	337.2	352.3
-30°	238.8	255.4	268.6	278.6	288.3	296.8	305.0	312.6	320.4	329.9	341.9
-32.5°	233.4	250.6	263.9	274.6	284.3	293.3	301.0	308.0	315.0	323.0	332.2
-35°	226.9	244.1	258.4	270.1	279.9	288.8	296.5	303.4	309.5	316.5	324.0
-37.5°	219.3	237.2	252.6	264.7	274.7	283.6	291.7	298.5	304.7	309.8	316.2
-40°	211.4	230.0	245.2	258.1	268.9	277.9	286.0	293.3	299.6	304.4	309.1
-42.5°	203.1	221.0	236.9	251.2	261.7	271.1	279.9	287.1	293.5	298.5	302.8
-45°	193.2	211.7	228.1	241.8	253.8	263.5	272.2	280.6	286.7	292.4	296.5
-47.5°	182.9	201.8	217.8	232.3	244.5	254.8	263.8	271.9	279.3	285.0	290.3
-50°	172.0	190.1	207.1	221.3	234.2	245.0	254.3	262.8	270.3	276.7	282.0
-52.5°	159.6	178.1	194.5	209.4	222.4	234.0	243.8	252.7	260.4	267.5	273.3
-55°	146.9	164.7	181.2	196.0	209.4	221.3	232.4	241.3	249.5	256.4	263.7
-57.5°	134.0	150.6	166.7	181.6	194.8	207.2	218.2	228.9	237.2	244.4	251.8
-60°	120.9	136.2	151.1	165.7	179.5	191.4	202.9	213.0	222.6	231.7	238.4
-62.5°	107.6	121.7	135.4	148.6	161.7	174.7	185.9	196.1	205.6	213.9	221.9
-65°	94.5	107.0	119.6	131.7	143.2	155.1	166.8	178.1	187.3	195.0	202.4
-67.5°	81.1	92.4	103.6	114.8	125.4	135.6	145.9	156.1	165.9	174.2	181.5
-70°	68.2	77.5	87.3	97.2	106.9	115.8	124.6	133.5	142.3	150.1	157.2
-72.5°	55.1	63.4	71.5	79.4	87.7	95.8	103.3	110.4	117.5	124.5	131.2
-75°	44.3	49.3	56.2	63.0	69.4	75.9	82.4	88.8	94.3	99.4	104.5
-77.5°	35.0	38.7	42.8	47.2	51.4	56.3	61.3	66.3	70.9	74.9	78.5
-80°	26.0	27.9	30.5	33.4	36.5	39.4	42.2	44.9	47.8	51.0	54.3
-82.5°	18.1	19.7	21.0	22.2	23.4	24.4	25.6	27.6	30.0	32.4	34.7
-85°	10.6	11.5	12.7	13.7	14.6	15.5	16.2	16.9	17.9	18.9	19.9
-87.5°	5.3	5.7	6.2	6.6	7.0	7.4	7.8	8.1	8.5	8.8	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: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	9.4	9.3	9.2	9.1	8.9	9.1	9.2	9.3	9.5	9.6	9.7
85°	20.9	21.8	22.7	23.6	24.5	25.1	25.7	26.2	26.7	27.0	27.3
82.5°	36.7	38.6	40.3	41.8	43.2	44.3	45.3	46.2	47.0	47.7	48.2
80°	57.3	60.1	62.8	65.3	67.6	69.4	71.0	72.3	73.3	74.4	75.4
77.5°	81.9	85.9	89.6	93.0	96.1	98.6	100.8	102.7	104.4	106.4	108.2
75°	109.7	114.4	118.8	122.8	126.4	129.7	132.6	135.2	137.3	139.4	141.3
72.5°	137.5	143.2	148.3	152.5	156.4	160.1	163.8	167.2	170.4	172.7	174.4
70°	163.7	169.6	174.9	179.8	184.3	189.0	193.7	198.1	202.1	204.7	206.2
67.5°	187.7	193.7	199.8	205.8	211.2	216.1	220.9	225.2	229.1	231.8	233.4
65°	209.4	216.0	222.6	228.8	234.5	238.7	243.0	247.1	250.9	254.0	256.3
62.5°	229.6	236.2	241.8	247.0	251.9	256.0	260.3	264.1	267.4	270.3	273.0
60°	245.1	251.8	257.2	262.1	266.6	270.8	274.1	276.9	279.2	281.0	282.8
57.5°	258.5	264.8	270.3	274.3	278.3	282.3	285.1	286.9	288.3	289.3	290.0
55°	269.9	275.0	279.6	284.0	288.0	291.5	294.0	295.1	295.9	296.2	296.6
52.5°	279.1	284.1	288.8	293.0	296.1	299.0	301.5	302.2	302.6	302.7	302.8
50°	287.6	292.4	296.1	299.7	302.8	305.5	307.6	308.6	309.2	309.3	309.0
47.5°	294.3	298.5	302.6	306.2	309.5	312.5	314.9	316.3	317.4	317.8	317.8
45°	300.3	305.2	309.5	313.8	317.6	321.5	324.9	327.1	329.5	331.0	331.8
42.5°	307.3	312.3	317.1	323.0	328.4	333.5	339.1	344.0	349.1	354.5	358.2
40°	314.5	319.8	327.3	334.3	342.3	349.5	361.2	372.9	381.8	389.4	396.3
37.5°	322.7	330.4	339.4	348.5	361.5	374.9	389.6	404.2	416.8	428.2	437.5
35°	332.1	342.5	353.5	369.7	386.1	402.7	420.4	439.7	456.1	468.1	476.7
32.5°	343.6	356.7	374.3	395.0	415.2	436.7	458.1	479.6	495.8	512.5	529.2
30°	356.4	375.3	398.0	423.2	448.4	474.1	500.9	530.8	559.2	589.7	633.4
27.5°	372.7	395.7	422.4	452.2	482.6	513.1	560.0	611.2	687.4	748.2	851.4
25°	390.1	417.0	448.9	483.4	520.5	575.3	660.9	762.1	941.5	1080.6	1291.7
22.5°	409.5	441.2	476.4	516.0	575.9	679.2	825.6	1085.6	1447.3	1804.5	2201.8
20°	428.6	463.7	502.2	562.2	664.1	827.3	1144.5	1706.6	2334.2	3228.0	3978.1
17.5°	446.7	484.0	532.8	614.0	766.5	1094.8	1709.2	2671.9	3983.0	5423.6	6625.0
15°	462.7	500.7	566.5	695.1	952.7	1464.0	2391.8	4030.2	6233.1	8205.6	9964.8
12.5°	476.1	521.2	603.0	760.5	1114.3	1871.2	3359.6	5686.1	8376.1	11142.4	13368.8
10°	485.9	542.9	651.8	881.6	1371.2	2355.9	4166.2	7100.9	10339.8	13702.0	17726.8
7.5°	491.8	558.5	688.8	971.5	1600.3	2895.6	5178.0	8364.1	12083.5	16673.2	22822.6
5°	496.0	569.0	716.2	1039.1	1753.4	3252.3	5816.9	9321.1	13588.0	20224.5	32880.3
2.5°	498.1	573.7	731.8	1076.3	1823.1	3435.7	6266.4	9869.1	14503.4	22729.7	39847.7
0°	497.3	571.1	733.6	1084.8	1833.1	3576.0	6341.3	10025.5	14812.7	22954.2	42081.4
-2.5°	498.1	573.7	731.8	1076.3	1823.1	3435.7	6266.4	9869.1	14503.4	22729.7	39847.7
-5°	496.0	569.0	716.2	1039.1	1753.4	3252.3	5816.9	9321.1	13588.0	20224.5	32880.3
-7.5°	491.8	558.5	688.8	971.5	1600.3	2895.6	5178.0	8364.1	12083.5	16673.2	22822.6
-10°	485.9	542.9	651.8	881.6	1371.2	2355.9	4166.2	7100.9	10339.8	13702.0	17726.8
-12.5°	476.1	521.2	603.0	760.5	1114.3	1871.2	3359.6	5686.1	8376.1	11142.4	13368.8
-15°	462.7	500.7	566.5	695.1	952.7	1464.0	2391.8	4030.2	6233.1	8205.6	9964.8
-17.5°	446.7	484.0	532.8	614.0	766.5	1094.8	1709.2	2671.9	3983.0	5423.6	6625.0
-20°	428.6	463.7	502.2	562.2	664.1	827.3	1144.5	1706.6	2334.2	3228.0	3978.1



REPORT NUMBER: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	409.5	441.2	476.4	516.0	575.9	679.2	825.6	1085.6	1447.3	1804.5	2201.8
-25°	390.1	417.0	448.9	483.4	520.5	575.3	660.9	762.1	941.5	1080.6	1291.7
-27.5°	372.7	395.7	422.4	452.2	482.6	513.1	560.0	611.2	687.4	748.2	851.4
-30°	356.4	375.3	398.0	423.2	448.4	474.1	500.9	530.8	559.2	589.7	633.4
-32.5°	343.6	356.7	374.3	395.0	415.2	436.7	458.1	479.6	495.8	512.5	529.2
-35°	332.1	342.5	353.5	369.7	386.1	402.7	420.4	439.7	456.1	468.1	476.7
-37.5°	322.7	330.4	339.4	348.5	361.5	374.9	389.6	404.2	416.8	428.2	437.5
-40°	314.5	319.8	327.3	334.3	342.3	349.5	361.2	372.9	381.8	389.4	396.3
-42.5°	307.3	312.3	317.1	323.0	328.4	333.5	339.1	344.0	349.1	354.5	358.2
-45°	300.3	305.2	309.5	313.8	317.6	321.5	324.9	327.1	329.5	331.0	331.8
-47.5°	294.3	298.5	302.6	306.2	309.5	312.5	314.9	316.3	317.4	317.8	317.8
-50°	287.6	292.4	296.1	299.7	302.8	305.5	307.6	308.6	309.2	309.3	309.0
-52.5°	279.1	284.1	288.8	293.0	296.1	299.0	301.5	302.2	302.6	302.7	302.8
-55°	269.9	275.0	279.6	284.0	288.0	291.5	294.0	295.1	295.9	296.2	296.6
-57.5°	258.5	264.8	270.3	274.3	278.3	282.3	285.1	286.9	288.3	289.3	290.0
-60°	245.1	251.8	257.2	262.1	266.6	270.8	274.1	276.9	279.2	281.0	282.8
-62.5°	229.6	236.2	241.8	247.0	251.9	256.0	260.3	264.1	267.4	270.3	273.0
-65°	209.4	216.0	222.6	228.8	234.5	238.7	243.0	247.1	250.9	254.0	256.3
-67.5°	187.7	193.7	199.8	205.8	211.2	216.1	220.9	225.2	229.1	231.8	233.4
-70°	163.7	169.6	174.9	179.8	184.3	189.0	193.7	198.1	202.1	204.7	206.2
-72.5°	137.5	143.2	148.3	152.5	156.4	160.1	163.8	167.2	170.4	172.7	174.4
-75°	109.7	114.4	118.8	122.8	126.4	129.7	132.6	135.2	137.3	139.4	141.3
-77.5°	81.9	85.9	89.6	93.0	96.1	98.6	100.8	102.7	104.4	106.4	108.2
-80°	57.3	60.1	62.8	65.3	67.6	69.4	71.0	72.3	73.3	74.4	75.4
-82.5°	36.7	38.6	40.3	41.8	43.2	44.3	45.3	46.2	47.0	47.7	48.2
-85°	20.9	21.8	22.7	23.6	24.5	25.1	25.7	26.2	26.7	27.0	27.3
-87.5°	9.4	9.3	9.2	9.1	8.9	9.1	9.2	9.3	9.5	9.6	9.7
-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: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.3
85°	27.6	27.8	27.9	27.9	27.9	27.8	27.6	27.3	27.0	26.7	26.2
82.5°	48.7	49.0	49.1	49.2	49.1	49.0	48.7	48.2	47.7	47.0	46.2
80°	76.1	76.7	77.0	77.1	77.0	76.7	76.1	75.4	74.4	73.3	72.3
77.5°	109.7	110.9	111.4	111.6	111.4	110.9	109.7	108.2	106.4	104.4	102.7
75°	142.7	143.6	144.2	144.4	144.2	143.6	142.7	141.3	139.4	137.3	135.2
72.5°	175.6	176.3	177.8	178.9	177.8	176.3	175.6	174.4	172.7	170.4	167.2
70°	207.1	207.5	208.9	210.1	208.9	207.5	207.1	206.2	204.7	202.1	198.1
67.5°	234.6	235.4	235.3	234.7	235.3	235.4	234.6	233.4	231.8	229.1	225.2
65°	258.2	259.8	259.9	259.3	259.9	259.8	258.2	256.3	254.0	250.9	247.1
62.5°	275.6	277.9	278.8	279.0	278.8	277.9	275.6	273.0	270.3	267.4	264.1
60°	284.1	285.1	285.5	285.6	285.5	285.1	284.1	282.8	281.0	279.2	276.9
57.5°	290.3	290.4	290.4	290.5	290.4	290.4	290.3	290.0	289.3	288.3	286.9
55°	296.8	296.8	296.3	295.4	296.3	296.8	296.8	296.6	296.2	295.9	295.1
52.5°	302.6	302.1	301.3	300.3	301.3	302.1	302.6	302.8	302.7	302.6	302.2
50°	308.3	307.3	306.8	306.9	306.8	307.3	308.3	309.0	309.3	309.2	308.6
47.5°	317.5	316.8	316.5	316.7	316.5	316.8	317.5	317.8	317.8	317.4	316.3
45°	332.1	331.5	331.2	331.5	331.2	331.5	332.1	331.8	331.0	329.5	327.1
42.5°	360.3	360.5	360.3	361.0	360.3	360.5	360.3	358.2	354.5	349.1	344.0
40°	399.0	398.8	397.4	397.1	397.4	398.8	399.0	396.3	389.4	381.8	372.9
37.5°	441.3	441.3	440.0	439.8	440.0	441.3	441.3	437.5	428.2	416.8	404.2
35°	481.2	482.7	482.4	480.8	482.4	482.7	481.2	476.7	468.1	456.1	439.7
32.5°	541.1	550.3	555.1	553.1	555.1	550.3	541.1	529.2	512.5	495.8	479.6
30°	660.9	684.5	697.0	702.4	697.0	684.5	660.9	633.4	589.7	559.2	530.8
27.5°	925.3	977.4	1000.9	1009.3	1000.9	977.4	925.3	851.4	748.2	687.4	611.2
25°	1476.0	1593.9	1651.9	1670.7	1651.9	1593.9	1476.0	1291.7	1080.6	941.5	762.1
22.5°	2639.3	2866.2	3021.3	3055.7	3021.3	2866.2	2639.3	2201.8	1804.5	1447.3	1085.6
20°	4732.3	5171.1	5409.2	5387.8	5409.2	5171.1	4732.3	3978.1	3228.0	2334.2	1706.6
17.5°	7646.2	8208.9	8476.8	8351.6	8476.8	8208.9	7646.2	6625.0	5423.6	3983.0	2671.9
15°	11209.0	11969.3	12301.0	12403.5	12301.0	11969.3	11209.0	9964.8	8205.6	6233.1	4030.2
12.5°	15591.3	18083.7	19275.5	19594.9	19275.5	18083.7	15591.3	13368.8	11142.4	8376.1	5686.1
10°	21843.6	30221.3	35204.4	36421.2	35204.4	30221.3	21843.6	17726.8	13702.0	10339.8	7100.9
7.5°	35672.4	52696.6	71767.6	80798.5	71767.6	52696.6	35672.4	22822.6	16673.2	12083.5	8364.1
5°	54400.3	94416.2	138571.3	155880.9	138571.3	94416.2	54400.3	32880.3	20224.5	13588.0	9321.1
2.5°	77167.3	142561.3	203572.8	226316.6	203572.8	142561.3	77167.3	39847.7	22729.7	14503.4	9869.1
0°	86786.1	164357.3	224293.1	243775.5	224293.1	164357.3	86786.1	42081.4	22954.2	14812.7	10025.5
-2.5°	77167.3	142561.3	203572.8	226316.5	203572.8	142561.3	77167.3	39847.7	22729.7	14503.4	9869.1
-5°	54400.3	94416.2	138571.3	155880.9	138571.3	94416.2	54400.3	32880.3	20224.5	13588.0	9321.1
-7.5°	35672.4	52696.6	71767.6	80798.5	71767.6	52696.6	35672.4	22822.6	16673.2	12083.5	8364.1
-10°	21843.6	30221.3	35204.4	36421.2	35204.4	30221.3	21843.6	17726.8	13702.0	10339.8	7100.9
-12.5°	15591.3	18083.7	19275.5	19594.9	19275.5	18083.7	15591.3	13368.8	11142.4	8376.1	5686.1
-15°	11209.0	11969.3	12301.0	12403.5	12301.0	11969.3	11209.0	9964.8	8205.6	6233.1	4030.2
-17.5°	7646.2	8208.9	8476.8	8351.6	8476.8	8208.9	7646.2	6625.0	5423.6	3983.0	2671.9
-20°	4732.3	5171.1	5409.2	5387.8	5409.2	5171.1	4732.3	3978.1	3228.0	2334.2	1706.6



REPORT NUMBER: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	2639.3	2866.2	3021.3	3055.7	3021.3	2866.2	2639.3	2201.8	1804.5	1447.3	1085.6
-25°	1476.0	1593.9	1651.9	1670.7	1651.9	1593.9	1476.0	1291.7	1080.6	941.5	762.1
-27.5°	925.3	977.4	1000.9	1009.3	1000.9	977.4	925.3	851.4	748.2	687.4	611.2
-30°	660.9	684.5	697.0	702.4	697.0	684.5	660.9	633.4	589.7	559.2	530.8
-32.5°	541.1	550.3	555.1	553.1	555.1	550.3	541.1	529.2	512.5	495.8	479.6
-35°	481.2	482.7	482.4	480.8	482.4	482.7	481.2	476.7	468.1	456.1	439.7
-37.5°	441.3	441.3	440.0	439.8	440.0	441.3	441.3	437.5	428.2	416.8	404.2
-40°	399.0	398.8	397.4	397.1	397.4	398.8	399.0	396.3	389.4	381.8	372.9
-42.5°	360.3	360.5	360.3	361.0	360.3	360.5	360.3	358.2	354.5	349.1	344.0
-45°	332.1	331.5	331.2	331.5	331.2	331.5	332.1	331.8	331.0	329.5	327.1
-47.5°	317.5	316.8	316.5	316.7	316.5	316.8	317.5	317.8	317.8	317.4	316.3
-50°	308.3	307.3	306.8	306.9	306.8	307.3	308.3	309.0	309.3	309.2	308.6
-52.5°	302.6	302.1	301.3	300.3	301.3	302.1	302.6	302.8	302.7	302.6	302.2
-55°	296.8	296.8	296.3	295.4	296.3	296.8	296.8	296.6	296.2	295.9	295.1
-57.5°	290.3	290.4	290.4	290.5	290.4	290.4	290.3	290.0	289.3	288.3	286.9
-60°	284.1	285.1	285.5	285.6	285.5	285.1	284.1	282.8	281.0	279.2	276.9
-62.5°	275.6	277.9	278.8	279.0	278.8	277.9	275.6	273.0	270.3	267.4	264.1
-65°	258.2	259.8	259.9	259.3	259.9	259.8	258.2	256.3	254.0	250.9	247.1
-67.5°	234.6	235.4	235.3	234.7	235.3	235.4	234.6	233.4	231.8	229.1	225.2
-70°	207.1	207.5	208.9	210.1	208.9	207.5	207.1	206.2	204.7	202.1	198.1
-72.5°	175.6	176.3	177.8	178.9	177.8	176.3	175.6	174.4	172.7	170.4	167.2
-75°	142.7	143.6	144.2	144.4	144.2	143.6	142.7	141.3	139.4	137.3	135.2
-77.5°	109.7	110.9	111.4	111.6	111.4	110.9	109.7	108.2	106.4	104.4	102.7
-80°	76.1	76.7	77.0	77.1	77.0	76.7	76.1	75.4	74.4	73.3	72.3
-82.5°	48.7	49.0	49.1	49.2	49.1	49.0	48.7	48.2	47.7	47.0	46.2
-85°	27.6	27.8	27.9	27.9	27.9	27.8	27.6	27.3	27.0	26.7	26.2
-87.5°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.3
-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: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	9.2	9.1	8.9	9.1	9.2	9.3	9.4	9.1	8.8	8.5	8.1
85°	25.7	25.1	24.5	23.6	22.7	21.8	20.9	19.9	18.9	17.9	16.9
82.5°	45.3	44.3	43.2	41.8	40.3	38.6	36.7	34.7	32.4	30.0	27.6
80°	71.0	69.4	67.6	65.3	62.8	60.1	57.3	54.3	51.0	47.8	44.9
77.5°	100.8	98.6	96.1	93.0	89.6	85.9	81.9	78.5	74.9	70.9	66.3
75°	132.6	129.7	126.4	122.8	118.8	114.4	109.7	104.5	99.4	94.3	88.8
72.5°	163.8	160.1	156.4	152.5	148.3	143.2	137.5	131.2	124.5	117.5	110.4
70°	193.7	189.0	184.3	179.8	174.9	169.6	163.7	157.2	150.1	142.3	133.5
67.5°	220.9	216.1	211.2	205.8	199.8	193.7	187.7	181.5	174.2	165.9	156.1
65°	243.0	238.7	234.5	228.8	222.6	216.0	209.4	202.4	195.0	187.3	178.1
62.5°	260.3	256.0	251.9	247.0	241.8	236.2	229.6	221.9	213.9	205.6	196.1
60°	274.1	270.8	266.6	262.1	257.2	251.8	245.1	238.4	231.7	222.6	213.0
57.5°	285.1	282.3	278.3	274.3	270.3	264.8	258.5	251.8	244.4	237.2	228.9
55°	294.0	291.5	288.0	284.0	279.6	275.0	269.9	263.7	256.4	249.5	241.3
52.5°	301.5	299.0	296.1	293.0	288.8	284.1	279.1	273.3	267.5	260.4	252.7
50°	307.6	305.5	302.8	299.7	296.1	292.4	287.6	282.0	276.7	270.3	262.8
47.5°	314.9	312.5	309.5	306.2	302.6	298.5	294.3	290.3	285.0	279.3	271.9
45°	324.9	321.5	317.6	313.8	309.5	305.2	300.3	295.5	292.4	286.7	280.6
42.5°	339.1	333.5	328.4	323.0	317.1	312.3	307.3	302.8	298.5	293.5	287.1
40°	361.2	349.5	342.3	334.3	327.3	319.8	314.5	309.1	304.4	299.6	293.3
37.5°	389.6	374.9	361.5	348.5	339.4	330.4	322.7	316.2	309.8	304.7	298.5
35°	420.4	402.7	386.1	369.7	353.5	342.5	332.1	324.0	316.5	309.5	303.4
32.5°	458.1	436.7	415.2	395.0	374.3	356.7	343.6	332.2	323.0	315.0	308.0
30°	500.9	474.1	448.4	423.2	398.0	375.3	356.4	341.9	329.9	320.4	312.6
27.5°	560.0	513.1	482.6	452.2	422.4	395.7	372.7	352.3	337.2	326.1	317.1
25°	660.9	575.3	520.5	483.4	448.9	417.0	390.1	366.2	346.4	331.7	320.4
22.5°	825.6	679.2	575.9	516.0	476.4	441.2	409.5	380.7	354.8	337.0	324.3
20°	1144.5	827.3	664.1	562.2	502.2	463.7	428.6	396.0	366.0	342.8	327.6
17.5°	1709.2	1094.8	766.5	614.0	532.8	484.0	446.7	410.1	376.5	347.6	330.3
15°	2391.8	1464.0	952.7	695.1	566.5	500.7	462.7	422.8	386.6	354.0	333.9
12.5°	3359.6	1871.2	1114.3	760.5	603.0	521.2	476.1	435.4	396.1	360.9	336.9
10°	4166.2	2355.9	1371.2	881.6	651.8	542.9	485.9	442.9	401.4	365.7	338.9
7.5°	5178.0	2895.6	1600.3	971.5	688.8	558.5	491.8	446.9	404.2	368.7	339.9
5°	5816.9	3252.3	1753.4	1039.1	716.2	569.0	496.0	448.5	404.8	370.0	340.1
2.5°	6266.4	3435.7	1823.1	1076.3	731.8	573.7	498.1	449.5	406.7	371.1	341.9
0°	6341.3	3576.0	1833.1	1084.8	733.6	571.1	497.3	449.7	408.6	370.9	343.0
-2.5°	6266.4	3435.7	1823.1	1076.3	731.8	573.7	498.1	449.5	406.7	371.1	341.9
-5°	5816.9	3252.3	1753.4	1039.1	716.2	569.0	496.0	448.5	404.8	370.0	340.1
-7.5°	5178.0	2895.6	1600.3	971.5	688.8	558.5	491.8	446.9	404.2	368.7	339.9
-10°	4166.2	2355.9	1371.2	881.6	651.8	542.9	485.9	442.9	401.4	365.7	338.9
-12.5°	3359.6	1871.2	1114.3	760.5	603.0	521.2	476.1	435.4	396.1	360.9	336.9
-15°	2391.8	1464.0	952.7	695.1	566.5	500.7	462.7	422.8	386.6	354.0	333.9
-17.5°	1709.2	1094.8	766.5	614.0	532.8	484.0	446.7	410.1	376.5	347.6	330.3
-20°	1144.5	827.3	664.1	562.2	502.2	463.7	428.6	396.0	366.0	342.8	327.6



REPORT NUMBER: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	825.6	679.2	575.9	516.0	476.4	441.2	409.5	380.7	354.8	337.0	324.3
-25°	660.9	575.3	520.5	483.4	448.9	417.0	390.1	366.2	346.4	331.7	320.4
-27.5°	560.0	513.1	482.6	452.2	422.4	395.7	372.7	352.3	337.2	326.1	317.1
-30°	500.9	474.1	448.4	423.2	398.0	375.3	356.4	341.9	329.9	320.4	312.6
-32.5°	458.1	436.7	415.2	395.0	374.3	356.7	343.6	332.2	323.0	315.0	308.0
-35°	420.4	402.7	386.1	369.7	353.5	342.5	332.1	324.0	316.5	309.5	303.4
-37.5°	389.6	374.9	361.5	348.5	339.4	330.4	322.7	316.2	309.8	304.7	298.5
-40°	361.2	349.5	342.3	334.3	327.3	319.8	314.5	309.1	304.4	299.6	293.3
-42.5°	339.1	333.5	328.4	323.0	317.1	312.3	307.3	302.8	298.5	293.5	287.1
-45°	324.9	321.5	317.6	313.8	309.5	305.2	300.3	296.5	292.4	286.7	280.6
-47.5°	314.9	312.5	309.5	306.2	302.6	298.5	294.3	290.3	285.0	279.3	271.9
-50°	307.6	305.5	302.8	299.7	296.1	292.4	287.6	282.0	276.7	270.3	262.8
-52.5°	301.5	299.0	296.1	293.0	288.8	284.1	279.1	273.3	267.5	260.4	252.7
-55°	294.0	291.5	288.0	284.0	279.6	275.0	269.9	263.7	256.4	249.5	241.3
-57.5°	285.1	282.3	278.3	274.3	270.3	264.8	258.5	251.8	244.4	237.2	228.9
-60°	274.1	270.8	266.6	262.1	257.2	251.8	245.1	238.4	231.7	222.6	213.0
-62.5°	260.3	256.0	251.9	247.0	241.8	236.2	229.6	221.9	213.9	205.6	196.1
-65°	243.0	238.7	234.5	228.8	222.6	216.0	209.4	202.4	195.0	187.3	178.1
-67.5°	220.9	216.1	211.2	205.8	199.8	193.7	187.7	181.5	174.2	165.9	156.1
-70°	193.7	189.0	184.3	179.8	174.9	169.6	163.7	157.2	150.1	142.3	133.5
-72.5°	163.8	160.1	156.4	152.5	148.3	143.2	137.5	131.2	124.5	117.5	110.4
-75°	132.6	129.7	126.4	122.8	118.8	114.4	109.7	104.5	99.4	94.3	88.8
-77.5°	100.8	98.6	96.1	93.0	89.6	85.9	81.9	78.5	74.9	70.9	66.3
-80°	71.0	69.4	67.6	65.3	62.8	60.1	57.3	54.3	51.0	47.8	44.9
-82.5°	45.3	44.3	43.2	41.8	40.3	38.6	36.7	34.7	32.4	30.0	27.6
-85°	25.7	25.1	24.5	23.6	22.7	21.8	20.9	19.9	18.9	17.9	16.9
-87.5°	9.2	9.1	8.9	9.1	9.2	9.3	9.4	9.1	8.8	8.5	8.1
-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: P558864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-935-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°	7.8	7.4	7.0	6.6	6.2	5.7	5.3	4.9	4.4	3.9	3.5
85°	16.2	15.5	14.6	13.7	12.7	11.5	10.6	9.7	8.8	7.9	6.9
82.5°	25.6	24.4	23.4	22.2	21.0	19.7	18.1	16.3	14.1	11.9	10.3
80°	42.2	39.4	36.5	33.4	30.5	27.9	26.0	23.8	20.7	17.7	14.8
77.5°	61.3	56.3	51.4	47.2	42.8	38.7	35.0	31.4	27.3	23.5	19.7
75°	82.4	75.9	69.4	63.0	56.2	49.3	44.3	39.5	34.5	29.2	24.6
72.5°	103.3	95.8	87.7	79.4	71.5	63.4	55.1	47.6	42.0	36.0	29.8
70°	124.6	115.8	106.9	97.2	87.3	77.5	68.2	58.7	49.4	42.7	35.7
67.5°	145.9	135.6	125.4	114.8	103.6	92.4	81.1	70.2	59.6	49.4	41.7
65°	166.8	155.1	143.2	131.7	119.6	107.0	94.5	81.7	69.5	58.1	47.5
62.5°	185.9	174.7	161.7	148.6	135.4	121.7	107.6	93.6	79.4	66.5	54.3
60°	202.9	191.4	179.5	165.7	151.1	136.2	120.9	105.3	89.9	74.7	61.3
57.5°	218.2	207.2	194.8	181.6	166.7	150.6	134.0	117.0	100.2	83.5	68.1
55°	232.4	221.3	209.4	196.0	181.2	164.7	146.9	128.7	110.3	92.4	74.8
52.5°	243.8	234.0	222.4	209.4	194.5	178.1	159.6	140.0	120.5	101.0	82.3
50°	254.3	245.0	234.2	221.3	207.1	190.1	172.0	151.3	130.4	109.5	89.7
47.5°	263.8	254.8	244.5	232.3	217.8	201.8	182.9	162.3	139.9	118.0	96.8
45°	272.2	263.5	253.8	241.8	228.1	211.7	193.2	173.0	149.5	126.2	103.5
42.5°	279.9	271.1	261.7	251.2	236.9	221.0	203.1	182.1	158.8	134.1	110.3
40°	286.0	277.9	268.9	258.1	245.2	230.0	211.4	190.7	167.7	141.8	116.8
37.5°	291.7	283.6	274.7	264.7	252.6	237.2	219.3	198.8	175.8	149.2	123.1
35°	296.5	288.8	279.9	270.1	258.4	244.1	226.9	206.2	182.5	156.2	129.0
32.5°	301.0	293.3	284.3	274.6	263.9	250.6	233.4	212.5	188.9	162.8	134.6
30°	305.0	296.8	288.3	278.6	268.6	255.4	238.8	218.3	194.8	168.8	139.8
27.5°	308.4	299.9	291.9	282.1	272.0	259.8	243.8	223.8	200.3	174.1	144.7
25°	311.5	302.7	294.4	285.3	275.1	263.8	248.4	228.7	204.9	178.5	149.2
22.5°	314.4	305.2	296.5	288.2	277.7	267.6	252.2	232.4	208.9	182.5	153.2
20°	316.9	307.5	298.3	290.4	280.0	269.8	255.2	235.8	212.5	186.1	156.7
17.5°	319.1	309.4	300.0	291.6	281.9	271.7	257.9	238.9	215.7	189.3	159.9
15°	321.0	310.9	301.4	292.7	283.4	273.2	260.4	241.5	218.4	192.0	162.6
12.5°	322.7	312.0	302.6	293.5	284.6	274.5	262.5	243.8	220.6	194.2	164.8
10°	324.0	312.5	303.4	294.0	285.4	275.4	264.2	245.6	222.4	196.0	166.5
7.5°	324.9	312.7	304.0	294.3	286.0	276.2	265.3	246.8	223.7	197.4	167.8
5°	325.7	313.1	304.5	294.9	286.7	276.8	265.9	247.6	224.6	198.2	168.7
2.5°	327.2	314.3	305.0	295.3	287.1	277.2	266.1	247.9	224.9	198.7	169.1
0°	328.2	315.1	305.2	295.4	287.2	277.3	265.9	247.8	224.8	198.6	169.0
-2.5°	327.2	314.3	305.0	295.3	287.1	277.2	266.1	247.9	224.9	198.7	169.1
-5°	325.7	313.1	304.5	294.9	286.7	276.8	265.9	247.6	224.6	198.2	168.7
-7.5°	324.9	312.7	304.0	294.3	286.0	276.2	265.3	246.8	223.7	197.4	167.8
-10°	324.0	312.5	303.4	294.0	285.4	275.4	264.2	245.6	222.4	196.0	166.5
-12.5°	322.7	312.0	302.6	293.5	284.6	274.5	262.5	243.8	220.6	194.2	164.8
-15°	321.0	310.9	301.4	292.7	283.4	273.2	260.4	241.5	218.4	192.0	162.6
-17.5°	319.1	309.4	300.0	291.6	281.9	271.7	257.9	238.9	215.7	189.3	159.9
-20°	316.9	307.5	298.3	290.4	280.0	269.8	255.2	235.8	212.5	186.1	156.7



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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°	314.4	305.2	296.5	288.2	277.7	267.6	252.2	232.4	208.9	182.5	153.2
-25°	311.5	302.7	294.4	285.3	275.1	263.8	248.4	228.7	204.9	178.5	149.2
-27.5°	308.4	299.9	291.9	282.1	272.0	259.8	243.8	223.8	200.3	174.1	144.7
-30°	305.0	296.8	288.3	278.6	268.6	255.4	238.8	218.3	194.8	168.8	139.8
-32.5°	301.0	293.3	284.3	274.6	263.9	250.6	233.4	212.5	188.9	162.8	134.6
-35°	296.5	288.8	279.9	270.1	258.4	244.1	226.9	206.2	182.5	156.2	129.0
-37.5°	291.7	283.6	274.7	264.7	252.6	237.2	219.3	198.8	175.8	149.2	123.1
-40°	286.0	277.9	268.9	258.1	245.2	230.0	211.4	190.7	167.7	141.8	116.8
-42.5°	279.9	271.1	261.7	251.2	236.9	221.0	203.1	182.1	158.8	134.1	110.3
-45°	272.2	263.5	253.8	241.8	228.1	211.7	193.2	173.0	149.5	126.2	103.5
-47.5°	263.8	254.8	244.5	232.3	217.8	201.8	182.9	162.3	139.9	118.0	96.8
-50°	254.3	245.0	234.2	221.3	207.1	190.1	172.0	151.3	130.4	109.5	89.7
-52.5°	243.8	234.0	222.4	209.4	194.5	178.1	159.6	140.0	120.5	101.0	82.3
-55°	232.4	221.3	209.4	196.0	181.2	164.7	146.9	128.7	110.3	92.4	74.8
-57.5°	218.2	207.2	194.8	181.6	166.7	150.6	134.0	117.0	100.2	83.5	68.1
-60°	202.9	191.4	179.5	165.7	151.1	136.2	120.9	105.3	89.9	74.7	61.3
-62.5°	185.9	174.7	161.7	148.6	135.4	121.7	107.6	93.6	79.4	66.5	54.3
-65°	166.8	155.1	143.2	131.7	119.6	107.0	94.5	81.7	69.5	58.1	47.5
-67.5°	145.9	135.6	125.4	114.8	103.6	92.4	81.1	70.2	59.6	49.4	41.7
-70°	124.6	115.8	106.9	97.2	87.3	77.5	68.2	58.7	49.4	42.7	35.7
-72.5°	103.3	95.8	87.7	79.4	71.5	63.4	55.1	47.6	42.0	36.0	29.8
-75°	82.4	75.9	69.4	63.0	56.2	49.3	44.3	39.5	34.5	29.2	24.6
-77.5°	61.3	56.3	51.4	47.2	42.8	38.7	35.0	31.4	27.3	23.5	19.7
-80°	42.2	39.4	36.5	33.4	30.5	27.9	26.0	23.8	20.7	17.7	14.8
-82.5°	25.6	24.4	23.4	22.2	21.0	19.7	18.1	16.3	14.1	11.9	10.3
-85°	16.2	15.5	14.6	13.7	12.7	11.5	10.6	9.7	8.8	7.9	6.9
-87.5°	7.8	7.4	7.0	6.6	6.2	5.7	5.3	4.9	4.4	3.9	3.5
-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):**

	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°	3.0	2.6	2.1	1.7	1.1	0.6	0.0
85°	6.0	5.1	4.3	3.3	2.3	1.1	0.0
82.5°	8.9	7.7	6.4	5.0	3.4	1.7	0.0
80°	12.0	10.3	8.5	6.6	4.5	2.3	0.0
77.5°	16.2	13.2	10.6	8.2	5.7	2.8	0.0
75°	20.4	16.6	12.9	9.9	6.8	3.4	0.0
72.5°	24.5	20.1	15.6	11.5	7.9	3.9	0.0
70°	28.7	23.5	18.3	13.2	9.0	4.5	0.0
67.5°	33.9	26.8	21.0	15.2	10.0	5.0	0.0
65°	38.9	30.5	23.7	17.2	11.1	5.5	0.0
62.5°	43.8	34.6	26.2	19.1	12.1	6.0	0.0
60°	48.7	38.6	28.8	21.0	13.1	6.5	0.0
57.5°	54.4	42.4	31.8	22.9	14.3	7.0	0.0
55°	60.1	46.2	34.8	24.7	15.5	7.5	0.0
52.5°	65.7	50.0	37.6	26.4	16.7	8.0	0.0
50°	71.0	54.4	40.4	28.2	17.8	8.4	0.0
47.5°	76.4	58.8	43.1	29.9	18.8	8.8	0.0
45°	82.1	62.9	45.6	31.8	19.9	9.3	0.0
42.5°	87.7	66.9	48.0	33.6	20.9	9.7	0.0
40°	92.9	70.7	50.7	35.3	21.8	10.0	0.0
37.5°	97.9	74.3	53.6	36.9	22.7	10.4	0.0
35°	102.5	78.0	56.3	38.4	23.6	10.7	0.0
32.5°	107.0	81.7	58.9	39.7	24.4	11.0	0.0
30°	111.4	85.1	61.3	41.0	25.1	11.3	0.0
27.5°	115.5	88.2	63.5	42.2	25.8	11.6	0.0
25°	119.3	91.0	65.5	43.2	26.4	11.9	0.0
22.5°	122.7	93.6	67.3	44.2	27.0	12.1	0.0
20°	125.8	96.0	69.0	45.0	27.5	12.3	0.0
17.5°	128.6	98.1	70.5	45.7	28.0	12.5	0.0
15°	131.0	99.9	71.8	46.3	28.4	12.7	0.0
12.5°	133.1	101.4	72.9	46.8	28.7	12.8	0.0
10°	134.8	102.7	73.8	47.2	29.0	12.9	0.0
7.5°	136.2	103.7	74.6	47.4	29.2	13.0	0.0
5°	137.1	104.4	75.1	47.6	29.4	13.1	0.0
2.5°	137.7	104.9	75.4	47.7	29.5	13.1	0.0
0°	137.9	105.0	75.5	47.6	29.5	13.1	0.0
-2.5°	137.7	104.9	75.4	47.7	29.5	13.1	0.0
-5°	137.1	104.4	75.1	47.6	29.4	13.1	0.0
-7.5°	136.2	103.7	74.6	47.4	29.2	13.0	0.0
-10°	134.8	102.7	73.8	47.2	29.0	12.9	0.0
-12.5°	133.1	101.4	72.9	46.8	28.7	12.8	0.0
-15°	131.0	99.9	71.8	46.3	28.4	12.7	0.0
-17.5°	128.6	98.1	70.5	45.7	28.0	12.5	0.0
-20°	125.8	96.0	69.0	45.0	27.5	12.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.7	93.6	67.3	44.2	27.0	12.1	0.0
-25°	119.3	91.0	65.5	43.2	26.4	11.9	0.0
-27.5°	115.5	88.2	63.5	42.2	25.8	11.6	0.0
-30°	111.4	85.1	61.3	41.0	25.1	11.3	0.0
-32.5°	107.0	81.7	58.9	39.7	24.4	11.0	0.0
-35°	102.5	78.0	56.3	38.4	23.6	10.7	0.0
-37.5°	97.9	74.3	53.6	36.9	22.7	10.4	0.0
-40°	92.9	70.7	50.7	35.3	21.8	10.0	0.0
-42.5°	87.7	66.9	48.0	33.6	20.9	9.7	0.0
-45°	82.1	62.9	45.6	31.8	19.9	9.3	0.0
-47.5°	76.4	58.8	43.1	29.9	18.8	8.8	0.0
-50°	71.0	54.4	40.4	28.2	17.8	8.4	0.0
-52.5°	65.7	50.0	37.6	26.4	16.7	8.0	0.0
-55°	60.1	46.2	34.8	24.7	15.5	7.5	0.0
-57.5°	54.4	42.4	31.8	22.9	14.3	7.0	0.0
-60°	48.7	38.6	28.8	21.0	13.1	6.5	0.0
-62.5°	43.8	34.6	26.2	19.1	12.1	6.0	0.0
-65°	38.9	30.5	23.7	17.2	11.1	5.5	0.0
-67.5°	33.9	26.8	21.0	15.2	10.0	5.0	0.0
-70°	28.7	23.5	18.3	13.2	9.0	4.5	0.0
-72.5°	24.5	20.1	15.6	11.5	7.9	3.9	0.0
-75°	20.4	16.6	12.9	9.9	6.8	3.4	0.0
-77.5°	16.2	13.2	10.6	8.2	5.7	2.8	0.0
-80°	12.0	10.3	8.5	6.6	4.5	2.3	0.0
-82.5°	8.9	7.7	6.4	5.0	3.4	1.7	0.0
-85°	6.0	5.1	4.3	3.3	2.3	1.1	0.0
-87.5°	3.0	2.6	2.1	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)