

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: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558920 (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-SA4C-930-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

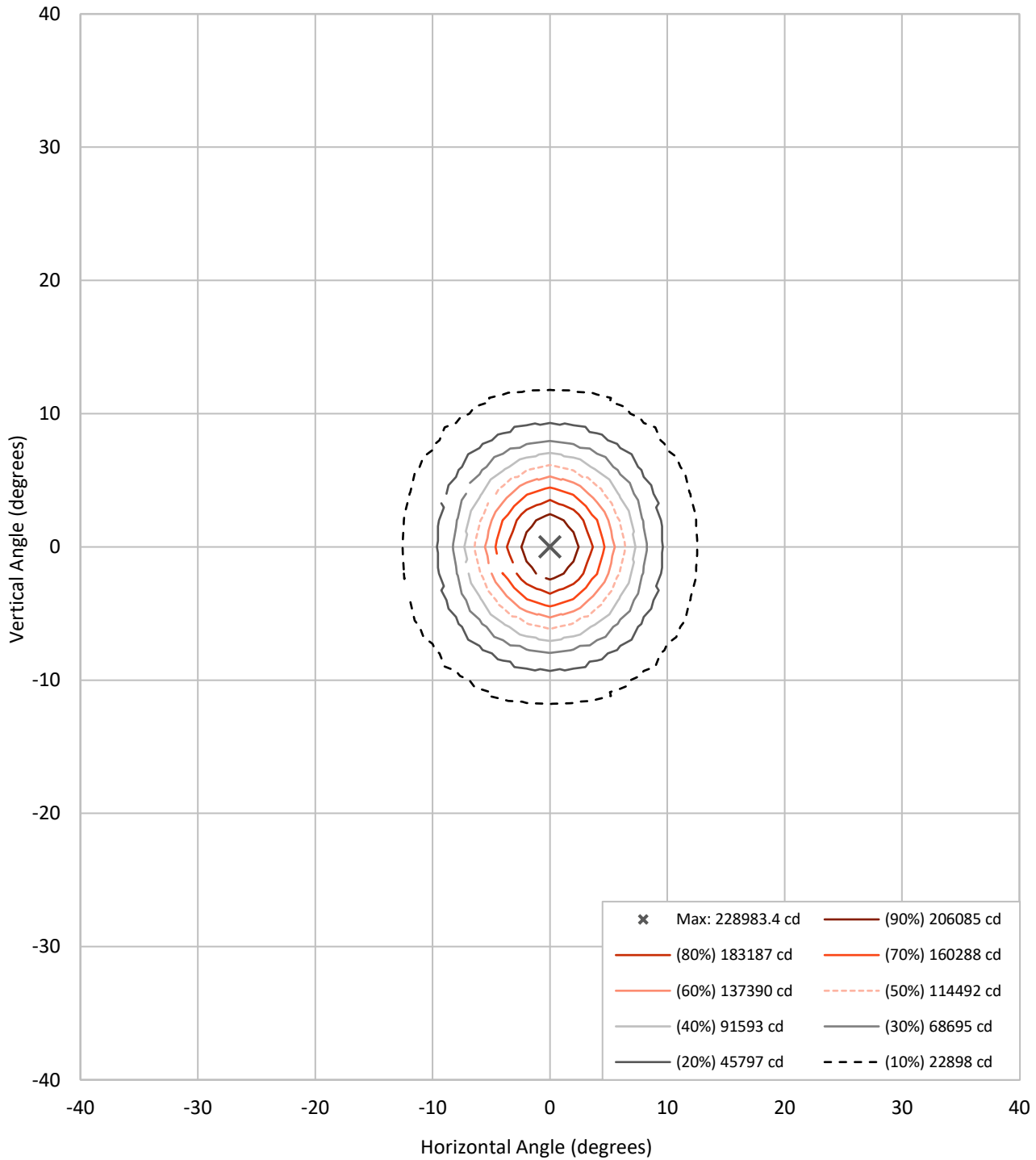
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16598.3 lumens	Max Intensity:	228983.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5244.8 lumens	Field Lumens:	11619 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 164
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





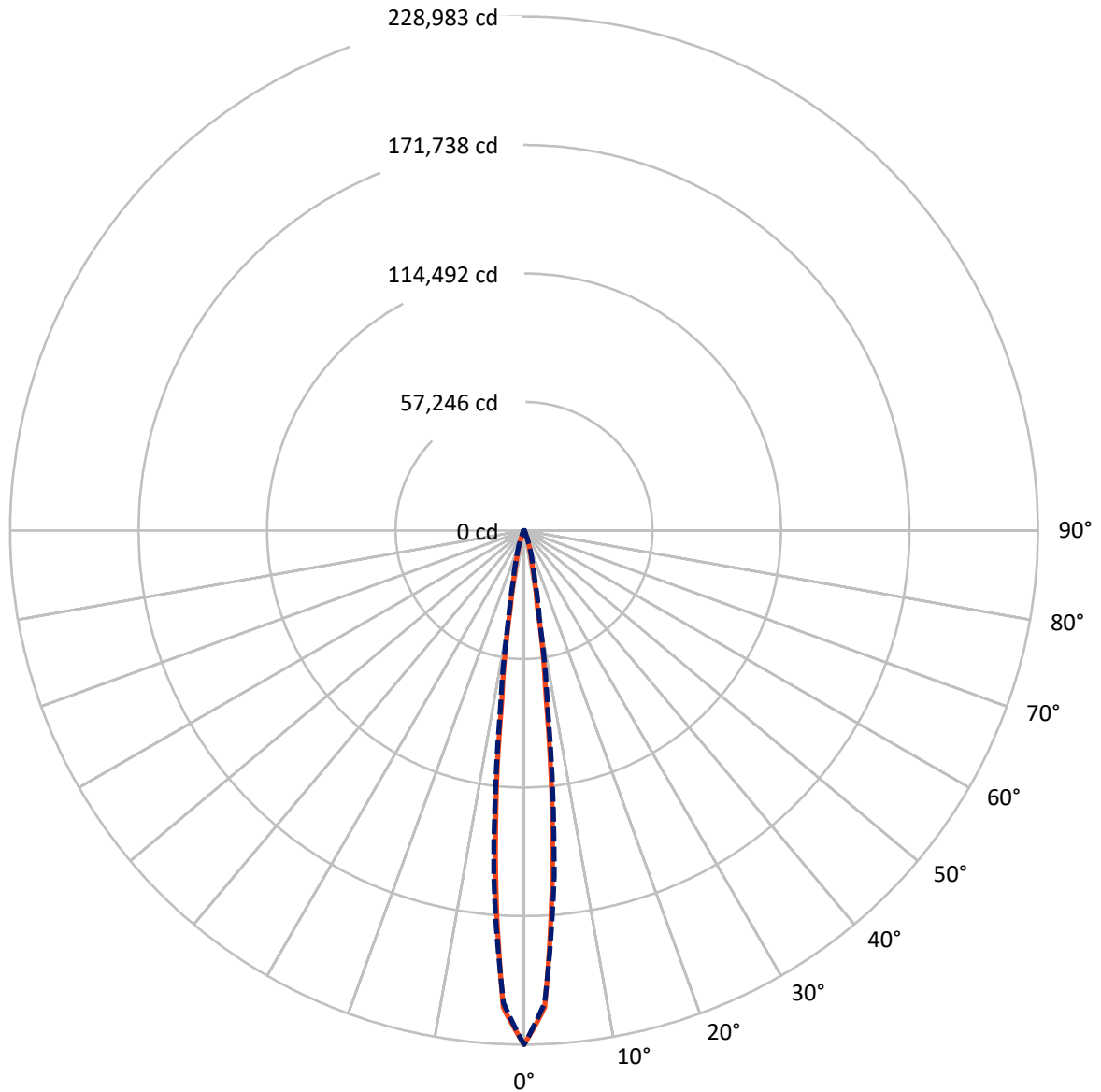
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Lumen Table

90	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
80	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
70	0.9	1.0	2.2	3.6	4.9	6.0	6.8	7.2	7.2	6.8	6.0	4.9	3.6	2.2	1.0	0.9			
60		1.6	3.2	4.8	6.3	7.4	8.1	8.4	8.4	8.1	7.4	6.3	4.8	3.2	1.6				
50	1.6	2.1	3.9	5.6	7.0	8.3	9.2	9.7	9.7	9.2	8.3	7.0	5.6	3.9	2.1	1.6			
40		2.5	4.4	6.1	7.8	10.1	12.7	14.3	14.3	12.7	10.1	7.8	6.1	4.4	2.5				
30	2.1	2.8	4.7	6.5	9.2	14.3	31.8	57.9	57.9	31.8	14.3	9.2	6.5	4.7	2.8	2.1			
20		2.9	4.8	6.9	10.9	30.8	174.0	382.9	382.9	174.0	30.8	10.9	6.9	4.8	2.9				
10	2.3	3.0	4.9	7.1	12.1	59.1	417.8	2702.8	2702.8	417.8	59.1	12.1	7.1	4.9	3.0	2.3			
0		3.0	4.9	7.1	12.1	59.1	417.8	2702.8	2702.8	417.8	59.1	12.1	7.1	4.9	3.0				
-10	2.1	2.9	4.8	6.9	10.9	30.8	174.0	382.9	382.9	174.0	30.8	10.9	6.9	4.8	2.9	2.1			
-20		2.8	4.7	6.5	9.2	14.3	31.8	57.9	57.9	31.8	14.3	9.2	6.5	4.7	2.8				
-30	1.6	2.5	4.4	6.1	7.8	10.1	12.7	14.3	14.3	12.7	10.1	7.8	6.1	4.4	2.5	1.6			
-40		2.1	3.9	5.6	7.0	8.3	9.2	9.7	9.7	9.2	8.3	7.0	5.6	3.9	2.1				
-50	0.9	1.6	3.2	4.8	6.3	7.4	8.1	8.4	8.4	8.1	7.4	6.3	4.8	3.2	1.6	0.9			
-60		1.0	2.2	3.6	4.9	6.0	6.8	7.2	7.2	6.8	6.0	4.9	3.6	2.2	1.0				
-70	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
-80		1.9		5.3		8.6		9.9		8.6		5.3		1.9					
-90	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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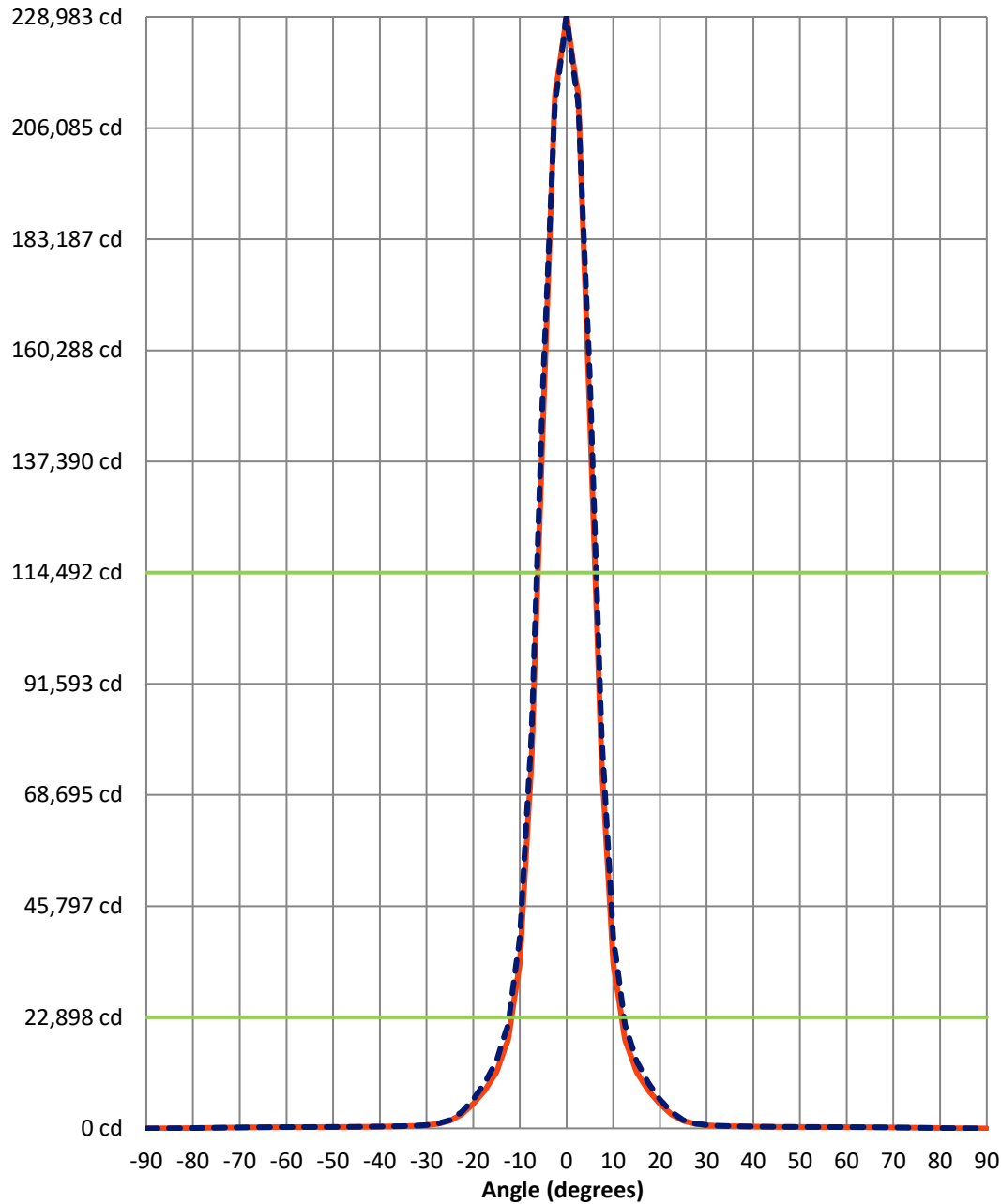
Luminous Intensity Polar Plot



— 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: 5244.8
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 11619
Efficiency: 70.0%

Spill:
Lumens: 4979.3
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	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
85°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.3	9.1
82.5°	0.0	1.6	3.2	4.7	6.0	7.2	8.4	9.7	11.2	13.2	15.3
80°	0.0	2.1	4.3	6.2	8.0	9.7	11.3	13.9	16.6	19.4	22.3
77.5°	0.0	2.7	5.3	7.7	10.0	12.4	15.2	18.5	22.0	25.6	29.5
75°	0.0	3.2	6.4	9.3	12.1	15.6	19.1	23.1	27.5	32.4	37.1
72.5°	0.0	3.7	7.4	10.8	14.7	18.8	23.0	27.9	33.8	39.4	44.7
70°	0.0	4.2	8.4	12.4	17.2	22.0	27.0	33.6	40.1	46.4	55.1
67.5°	0.0	4.7	9.4	14.2	19.7	25.2	31.8	39.1	46.4	56.0	65.9
65°	0.0	5.2	10.4	16.1	22.2	28.7	36.5	44.6	54.5	65.3	76.7
62.5°	0.0	5.7	11.3	17.9	24.6	32.5	41.2	51.0	62.4	74.6	87.9
60°	0.0	6.1	12.3	19.7	27.0	36.2	45.7	57.6	70.1	84.5	98.8
57.5°	0.0	6.6	13.4	21.5	29.9	39.8	51.1	64.0	78.4	94.1	109.9
55°	0.0	7.1	14.6	23.2	32.7	43.4	56.4	70.2	86.8	103.6	120.9
52.5°	0.0	7.5	15.6	24.8	35.3	46.9	61.7	77.3	94.9	113.2	131.5
50°	0.0	7.9	16.7	26.4	37.9	51.1	66.7	84.2	102.8	122.4	142.1
47.5°	0.0	8.3	17.7	28.1	40.4	55.2	71.7	90.9	110.8	131.4	152.4
45°	0.0	8.7	18.7	29.8	42.8	59.1	77.2	97.2	118.5	140.4	162.5
42.5°	0.0	9.1	19.6	31.6	45.1	62.8	82.3	103.6	126.0	149.1	171.0
40°	0.0	9.4	20.5	33.2	47.6	66.4	87.3	109.7	133.2	157.5	179.1
37.5°	0.0	9.8	21.3	34.6	50.3	69.8	91.9	115.6	140.1	165.1	186.7
35°	0.0	10.1	22.1	36.0	52.9	73.3	96.3	121.2	146.7	171.4	193.6
32.5°	0.0	10.4	22.9	37.3	55.3	76.7	100.5	126.4	152.8	177.4	199.5
30°	0.0	10.7	23.6	38.5	57.6	79.9	104.7	131.3	158.5	183.0	205.0
27.5°	0.0	10.9	24.2	39.6	59.6	82.8	108.5	135.9	163.5	188.1	210.1
25°	0.0	11.1	24.8	40.6	61.5	85.5	112.1	140.1	167.7	192.5	214.8
22.5°	0.0	11.4	25.4	41.5	63.2	88.0	115.3	143.8	171.4	196.2	218.3
20°	0.0	11.6	25.8	42.2	64.8	90.2	118.2	147.2	174.8	199.6	221.5
17.5°	0.0	11.7	26.3	42.9	66.2	92.2	120.8	150.1	177.8	202.6	224.4
15°	0.0	11.9	26.6	43.5	67.4	93.9	123.1	152.7	180.3	205.1	226.9
12.5°	0.0	12.0	27.0	43.9	68.5	95.4	125.0	154.8	182.5	207.2	229.0
10°	0.0	12.1	27.2	44.3	69.3	96.6	126.6	156.4	184.1	208.9	230.7
7.5°	0.0	12.2	27.4	44.5	70.0	97.5	127.9	157.7	185.4	210.1	231.9
5°	0.0	12.3	27.6	44.7	70.5	98.2	128.8	158.5	186.2	210.9	232.6
2.5°	0.0	12.3	27.7	44.7	70.8	98.6	129.3	158.8	186.6	211.3	232.9
0°	0.0	12.3	27.7	44.7	70.8	98.6	129.3	158.8	186.6	211.3	232.9
-2.5°	0.0	12.3	27.7	44.7	70.8	98.6	129.3	158.8	186.6	211.3	232.9
-5°	0.0	12.3	27.6	44.7	70.5	98.2	128.8	158.5	186.2	210.9	232.6
-7.5°	0.0	12.2	27.4	44.5	70.0	97.5	127.9	157.7	185.4	210.1	231.9
-10°	0.0	12.1	27.2	44.3	69.3	96.6	126.6	156.4	184.1	208.9	230.7
-12.5°	0.0	12.0	27.0	43.9	68.5	95.4	125.0	154.8	182.5	207.2	229.0
-15°	0.0	11.9	26.6	43.5	67.4	93.9	123.1	152.7	180.3	205.1	226.9
-17.5°	0.0	11.7	26.3	42.9	66.2	92.2	120.8	150.1	177.8	202.6	224.4
-20°	0.0	11.6	25.8	42.2	64.8	90.2	118.2	147.2	174.8	199.6	221.5



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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	11.4	25.4	41.5	63.2	88.0	115.3	143.8	171.4	196.2	218.3
-25°	0.0	11.1	24.8	40.6	61.5	85.5	112.1	140.1	167.7	192.5	214.8
-27.5°	0.0	10.9	24.2	39.6	59.6	82.8	108.5	135.9	163.5	188.1	210.1
-30°	0.0	10.7	23.6	38.5	57.6	79.9	104.7	131.3	158.5	183.0	205.0
-32.5°	0.0	10.4	22.9	37.3	55.3	76.7	100.5	126.4	152.8	177.4	199.5
-35°	0.0	10.1	22.1	36.0	52.9	73.3	96.3	121.2	146.7	171.4	193.6
-37.5°	0.0	9.8	21.3	34.6	50.3	69.8	91.9	115.6	140.1	165.1	186.7
-40°	0.0	9.4	20.5	33.2	47.6	66.4	87.3	109.7	133.2	157.5	179.1
-42.5°	0.0	9.1	19.6	31.6	45.1	62.8	82.3	103.6	126.0	149.1	171.0
-45°	0.0	8.7	18.7	29.8	42.8	59.1	77.2	97.2	118.5	140.4	162.5
-47.5°	0.0	8.3	17.7	28.1	40.4	55.2	71.7	90.9	110.8	131.4	152.4
-50°	0.0	7.9	16.7	26.4	37.9	51.1	66.7	84.2	102.8	122.4	142.1
-52.5°	0.0	7.5	15.6	24.8	35.3	46.9	61.7	77.3	94.9	113.2	131.5
-55°	0.0	7.1	14.6	23.2	32.7	43.4	56.4	70.2	86.8	103.6	120.9
-57.5°	0.0	6.6	13.4	21.5	29.9	39.8	51.1	64.0	78.4	94.1	109.9
-60°	0.0	6.1	12.3	19.7	27.0	36.2	45.7	57.6	70.1	84.5	98.8
-62.5°	0.0	5.7	11.3	17.9	24.6	32.5	41.2	51.0	62.4	74.6	87.9
-65°	0.0	5.2	10.4	16.1	22.2	28.7	36.5	44.6	54.5	65.3	76.7
-67.5°	0.0	4.7	9.4	14.2	19.7	25.2	31.8	39.1	46.4	56.0	65.9
-70°	0.0	4.2	8.4	12.4	17.2	22.0	27.0	33.6	40.1	46.4	55.1
-72.5°	0.0	3.7	7.4	10.8	14.7	18.8	23.0	27.9	33.8	39.4	44.7
-75°	0.0	3.2	6.4	9.3	12.1	15.6	19.1	23.1	27.5	32.4	37.1
-77.5°	0.0	2.7	5.3	7.7	10.0	12.4	15.2	18.5	22.0	25.6	29.5
-80°	0.0	2.1	4.3	6.2	8.0	9.7	11.3	13.9	16.6	19.4	22.3
-82.5°	0.0	1.6	3.2	4.7	6.0	7.2	8.4	9.7	11.2	13.2	15.3
-85°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.3	9.1
-87.5°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.6
85°	10.0	10.8	11.9	12.8	13.7	14.5	15.3	15.9	16.8	17.8	18.7
82.5°	17.0	18.5	19.8	20.8	21.9	23.0	24.1	25.9	28.2	30.5	32.5
80°	24.4	26.2	28.6	31.4	34.2	37.0	39.6	42.1	44.9	47.9	51.0
77.5°	32.8	36.3	40.2	44.3	48.3	52.9	57.6	62.3	66.6	70.4	73.7
75°	41.6	46.3	52.7	59.1	65.2	71.2	77.4	83.4	88.5	93.4	98.2
72.5°	51.8	59.6	67.2	74.6	82.4	90.0	97.1	103.8	110.4	117.0	123.2
70°	64.0	72.8	82.0	91.3	100.5	108.8	117.1	125.4	133.6	141.0	147.6
67.5°	76.2	86.7	97.3	107.9	117.8	127.4	137.1	146.7	155.8	163.6	170.5
65°	88.7	100.5	112.4	123.7	134.6	145.8	156.7	167.3	176.0	183.1	190.0
62.5°	101.0	114.3	127.2	139.6	151.9	164.1	174.7	184.2	193.1	200.9	208.4
60°	113.5	128.0	141.9	155.6	168.6	179.8	190.6	200.1	209.1	217.7	224.0
57.5°	125.9	141.4	156.5	170.6	183.1	194.6	205.0	215.0	222.8	229.6	236.6
55°	138.0	154.7	170.2	184.1	196.7	207.8	218.3	226.7	234.4	240.9	247.6
52.5°	149.9	167.3	182.7	196.7	208.9	219.8	229.1	237.4	244.6	251.2	256.8
50°	161.5	178.6	194.6	207.8	219.9	230.2	238.8	246.8	253.9	259.9	265.0
47.5°	171.8	189.5	204.6	218.2	229.6	239.4	247.7	255.4	262.4	267.7	272.7
45°	181.5	198.9	214.2	227.2	238.4	247.5	255.7	263.6	269.3	274.6	278.5
42.5°	190.7	207.6	222.5	236.0	245.8	254.7	262.9	269.7	275.7	280.3	284.5
40°	198.6	216.0	230.3	242.5	252.6	261.0	268.6	275.5	281.3	285.9	290.3
37.5°	206.0	222.8	237.3	248.6	258.1	266.5	274.0	280.4	286.1	290.9	297.0
35°	213.1	229.3	242.8	253.8	263.0	271.3	278.5	285.0	290.6	297.2	304.3
32.5°	219.2	235.4	247.9	258.0	267.1	275.5	282.6	289.3	295.9	303.3	312.0
30°	224.3	240.0	252.3	261.8	270.8	278.8	286.5	293.6	300.8	309.8	321.1
27.5°	229.0	244.1	255.5	265.1	274.2	281.6	289.7	297.8	306.3	316.7	331.0
25°	233.3	247.8	258.4	268.0	276.6	284.3	292.7	300.9	311.6	325.4	343.9
22.5°	236.9	251.4	260.9	270.7	278.6	286.7	295.3	304.6	316.6	333.3	357.6
20°	239.7	253.4	263.0	272.8	280.2	288.9	297.6	307.7	322.0	343.8	372.0
17.5°	242.3	255.2	264.8	274.0	281.8	290.7	299.7	310.2	326.5	353.7	385.2
15°	244.6	256.7	266.2	275.0	283.2	292.1	301.6	313.6	332.6	363.2	397.2
12.5°	246.6	257.9	267.3	275.7	284.3	293.0	303.1	316.4	339.0	372.0	409.0
10°	248.2	258.7	268.1	276.2	285.1	293.6	304.3	318.3	343.5	377.0	416.0
7.5°	249.2	259.4	268.6	276.5	285.5	293.7	305.2	319.3	346.3	379.7	419.8
5°	249.8	260.0	269.3	277.0	286.1	294.1	305.9	319.4	347.5	380.2	421.2
2.5°	249.9	260.4	269.7	277.4	286.5	295.2	307.4	321.1	348.6	382.0	422.2
0°	249.7	260.5	269.8	277.5	286.7	296.0	308.3	322.2	348.4	383.8	422.4
-2.5°	249.9	260.4	269.7	277.4	286.5	295.2	307.4	321.1	348.6	382.0	422.2
-5°	249.8	260.0	269.3	277.0	286.1	294.1	305.9	319.4	347.5	380.2	421.2
-7.5°	249.2	259.4	268.6	276.5	285.5	293.7	305.2	319.3	346.3	379.7	419.8
-10°	248.2	258.7	268.1	276.2	285.1	293.6	304.3	318.3	343.5	377.0	416.0
-12.5°	246.6	257.9	267.3	275.7	284.3	293.0	303.1	316.4	339.0	372.0	409.0
-15°	244.6	256.7	266.2	275.0	283.2	292.1	301.6	313.6	332.6	363.2	397.2
-17.5°	242.3	255.2	264.8	274.0	281.8	290.7	299.7	310.2	326.5	353.7	385.2
-20°	239.7	253.4	263.0	272.8	280.2	288.9	297.6	307.7	322.0	343.8	372.0



REPORT NUMBER: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	236.9	251.4	260.9	270.7	278.6	286.7	295.3	304.6	316.6	333.3	357.6
-25°	233.3	247.8	258.4	268.0	276.6	284.3	292.7	300.9	311.6	325.4	343.9
-27.5°	229.0	244.1	255.5	265.1	274.2	281.6	289.7	297.8	306.3	316.7	331.0
-30°	224.3	240.0	252.3	261.8	270.8	278.8	286.5	293.6	300.8	309.8	321.1
-32.5°	219.2	235.4	247.9	258.0	267.1	275.5	282.6	289.3	295.9	303.3	312.0
-35°	213.1	229.3	242.8	253.8	263.0	271.3	278.5	285.0	290.6	297.2	304.3
-37.5°	206.0	222.8	237.3	248.6	258.1	266.5	274.0	280.4	286.1	290.9	297.0
-40°	198.6	216.0	230.3	242.5	252.6	261.0	268.6	275.5	281.3	285.9	290.3
-42.5°	190.7	207.6	222.5	236.0	245.8	254.7	262.9	269.7	275.7	280.3	284.5
-45°	181.5	198.9	214.2	227.2	238.4	247.5	255.7	263.6	269.3	274.6	278.5
-47.5°	171.8	189.5	204.6	218.2	229.6	239.4	247.7	255.4	262.4	267.7	272.7
-50°	161.5	178.6	194.6	207.8	219.9	230.2	238.8	246.8	253.9	259.9	265.0
-52.5°	149.9	167.3	182.7	196.7	208.9	219.8	229.1	237.4	244.6	251.2	256.8
-55°	138.0	154.7	170.2	184.1	196.7	207.8	218.3	226.7	234.4	240.9	247.6
-57.5°	125.9	141.4	156.5	170.6	183.1	194.6	205.0	215.0	222.8	229.6	236.6
-60°	113.5	128.0	141.9	155.6	168.6	179.8	190.6	200.1	209.1	217.7	224.0
-62.5°	101.0	114.3	127.2	139.6	151.9	164.1	174.7	184.2	193.1	200.9	208.4
-65°	88.7	100.5	112.4	123.7	134.6	145.8	156.7	167.3	176.0	183.1	190.0
-67.5°	76.2	86.7	97.3	107.9	117.8	127.4	137.1	146.7	155.8	163.6	170.5
-70°	64.0	72.8	82.0	91.3	100.5	108.8	117.1	125.4	133.6	141.0	147.6
-72.5°	51.8	59.6	67.2	74.6	82.4	90.0	97.1	103.8	110.4	117.0	123.2
-75°	41.6	46.3	52.7	59.1	65.2	71.2	77.4	83.4	88.5	93.4	98.2
-77.5°	32.8	36.3	40.2	44.3	48.3	52.9	57.6	62.3	66.6	70.4	73.7
-80°	24.4	26.2	28.6	31.4	34.2	37.0	39.6	42.1	44.9	47.9	51.0
-82.5°	17.0	18.5	19.8	20.8	21.9	23.0	24.1	25.9	28.2	30.5	32.5
-85°	10.0	10.8	11.9	12.8	13.7	14.5	15.3	15.9	16.8	17.8	18.7
-87.5°	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.6
-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: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	8.8	8.8	8.7	8.5	8.3	8.5	8.6	8.8	8.9	9.0	9.1
85°	19.7	20.5	21.3	22.1	23.0	23.6	24.1	24.6	25.0	25.4	25.7
82.5°	34.5	36.2	37.8	39.3	40.5	41.6	42.6	43.4	44.1	44.8	45.3
80°	53.8	56.4	59.0	61.3	63.5	65.2	66.7	67.9	68.9	70.0	70.9
77.5°	76.9	80.7	84.2	87.4	90.2	92.6	94.7	96.5	98.0	99.9	101.6
75°	103.1	107.5	111.6	115.3	118.7	121.8	124.6	127.0	129.0	131.0	132.7
72.5°	129.1	134.5	139.2	143.2	146.9	150.4	153.8	157.1	160.0	162.2	163.9
70°	153.7	159.3	164.3	168.9	173.1	177.5	182.0	186.1	189.9	192.3	193.7
67.5°	176.3	181.9	187.7	193.3	198.4	203.0	207.5	211.5	215.2	217.7	219.2
65°	196.7	202.9	209.1	214.9	220.2	224.1	228.2	232.1	235.7	238.6	240.7
62.5°	215.7	221.9	227.1	232.0	236.6	240.5	244.5	248.0	251.1	253.9	256.5
60°	230.3	236.6	241.7	246.2	250.4	254.4	257.5	260.1	262.2	264.0	265.6
57.5°	242.8	248.7	253.9	257.7	261.5	265.2	267.9	269.5	270.8	271.7	272.4
55°	253.5	258.4	262.6	266.8	270.5	273.7	276.1	277.2	277.9	278.3	278.6
52.5°	262.2	266.9	271.3	275.2	278.1	280.8	283.2	283.8	284.2	284.4	284.4
50°	270.1	274.7	278.2	281.5	284.5	286.9	288.9	289.9	290.4	290.5	290.2
47.5°	276.5	280.4	284.3	287.7	290.7	293.6	295.8	297.1	298.1	298.5	298.5
45°	282.1	286.7	290.8	294.8	298.3	302.0	305.2	307.3	309.5	310.9	311.7
42.5°	288.7	293.3	297.9	303.4	308.5	313.3	318.5	323.1	327.9	333.0	336.5
40°	295.5	300.5	307.4	314.1	321.5	328.2	339.3	350.3	358.6	365.8	372.2
37.5°	303.1	310.4	318.8	327.3	339.5	352.1	366.0	379.6	391.5	402.2	410.9
35°	312.0	321.7	332.0	347.2	362.7	378.3	394.9	413.0	428.4	439.7	447.7
32.5°	322.8	335.1	351.6	371.0	390.0	410.2	430.3	450.5	465.7	481.3	497.1
30°	334.8	352.5	373.8	397.5	421.2	445.3	470.6	498.6	525.3	554.0	595.0
27.5°	350.1	371.7	396.8	424.7	453.3	482.1	526.0	574.2	645.7	702.8	799.7
25°	366.4	391.7	421.6	454.0	489.0	540.3	620.8	715.9	884.3	1015.0	1213.3
22.5°	384.6	414.4	447.4	484.7	541.0	637.9	775.5	1019.7	1359.5	1695.0	2068.1
20°	402.6	435.5	471.7	528.0	623.7	777.1	1075.1	1603.0	2192.6	3032.1	3736.7
17.5°	419.6	454.6	500.5	576.8	720.0	1028.4	1605.6	2509.8	3741.3	5094.5	6223.0
15°	434.6	470.4	532.2	652.9	894.9	1375.2	2246.7	3785.7	5854.9	7707.6	9360.2
12.5°	447.2	489.6	566.5	714.4	1046.7	1757.7	3155.7	5341.1	7867.9	10466.3	12557.6
10°	456.4	510.0	612.3	828.1	1288.0	2212.9	3913.4	6670.0	9712.4	12870.5	16651.1
7.5°	461.9	524.6	647.0	912.5	1503.1	2719.8	4863.9	7856.6	11350.2	15661.5	21437.7
5°	465.9	534.5	672.7	976.1	1646.9	3054.9	5463.9	8755.5	12763.5	18997.3	30885.1
2.5°	467.9	538.8	687.4	1011.0	1712.5	3227.2	5886.2	9270.2	13623.3	21350.5	37429.7
0°	467.1	536.5	689.1	1019.0	1721.9	3359.0	5956.5	9417.2	13913.8	21561.4	39527.9
-2.5°	467.9	538.8	687.4	1011.0	1712.5	3227.2	5886.2	9270.2	13623.3	21350.5	37429.7
-5°	465.9	534.5	672.7	976.1	1646.9	3054.9	5463.9	8755.5	12763.5	18997.3	30885.1
-7.5°	461.9	524.6	647.0	912.5	1503.1	2719.8	4863.9	7856.6	11350.2	15661.5	21437.7
-10°	456.4	510.0	612.3	828.1	1288.0	2212.9	3913.4	6670.0	9712.4	12870.5	16651.1
-12.5°	447.2	489.6	566.5	714.4	1046.7	1757.7	3155.7	5341.1	7867.9	10466.3	12557.6
-15°	434.6	470.4	532.2	652.9	894.9	1375.2	2246.7	3785.7	5854.9	7707.6	9360.2
-17.5°	419.6	454.6	500.5	576.8	720.0	1028.4	1605.6	2509.8	3741.3	5094.5	6223.0
-20°	402.6	435.5	471.7	528.0	623.7	777.1	1075.1	1603.0	2192.6	3032.1	3736.7



REPORT NUMBER: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	384.6	414.4	447.4	484.7	541.0	637.9	775.5	1019.7	1359.5	1695.0	2068.1
-25°	366.4	391.7	421.6	454.0	489.0	540.3	620.8	715.9	884.3	1015.0	1213.3
-27.5°	350.1	371.7	396.8	424.7	453.3	482.1	526.0	574.2	645.7	702.8	799.7
-30°	334.8	352.5	373.8	397.5	421.2	445.3	470.6	498.6	525.3	554.0	595.0
-32.5°	322.8	335.1	351.6	371.0	390.0	410.2	430.3	450.5	465.7	481.3	497.1
-35°	312.0	321.7	332.0	347.2	362.7	378.3	394.9	413.0	428.4	439.7	447.7
-37.5°	303.1	310.4	318.8	327.3	339.5	352.1	366.0	379.6	391.5	402.2	410.9
-40°	295.5	300.5	307.4	314.1	321.5	328.2	339.3	350.3	358.6	365.8	372.2
-42.5°	288.7	293.3	297.9	303.4	308.5	313.3	318.5	323.1	327.9	333.0	336.5
-45°	282.1	286.7	290.8	294.8	298.3	302.0	305.2	307.3	309.5	310.9	311.7
-47.5°	276.5	280.4	284.3	287.7	290.7	293.6	295.8	297.1	298.1	298.5	298.5
-50°	270.1	274.7	278.2	281.5	284.5	286.9	288.9	289.9	290.4	290.5	290.2
-52.5°	262.2	266.9	271.3	275.2	278.1	280.8	283.2	283.8	284.2	284.4	284.4
-55°	253.5	258.4	262.6	266.8	270.5	273.7	276.1	277.2	277.9	278.3	278.6
-57.5°	242.8	248.7	253.9	257.7	261.5	265.2	267.9	269.5	270.8	271.7	272.4
-60°	230.3	236.6	241.7	246.2	250.4	254.4	257.5	260.1	262.2	264.0	265.6
-62.5°	215.7	221.9	227.1	232.0	236.6	240.5	244.5	248.0	251.1	253.9	256.5
-65°	196.7	202.9	209.1	214.9	220.2	224.1	228.2	232.1	235.7	238.6	240.7
-67.5°	176.3	181.9	187.7	193.3	198.4	203.0	207.5	211.5	215.2	217.7	219.2
-70°	153.7	159.3	164.3	168.9	173.1	177.5	182.0	186.1	189.9	192.3	193.7
-72.5°	129.1	134.5	139.2	143.2	146.9	150.4	153.8	157.1	160.0	162.2	163.9
-75°	103.1	107.5	111.6	115.3	118.7	121.8	124.6	127.0	129.0	131.0	132.7
-77.5°	76.9	80.7	84.2	87.4	90.2	92.6	94.7	96.5	98.0	99.9	101.6
-80°	53.8	56.4	59.0	61.3	63.5	65.2	66.7	67.9	68.9	70.0	70.9
-82.5°	34.5	36.2	37.8	39.3	40.5	41.6	42.6	43.4	44.1	44.8	45.3
-85°	19.7	20.5	21.3	22.1	23.0	23.6	24.1	24.6	25.0	25.4	25.7
-87.5°	8.8	8.8	8.7	8.5	8.3	8.5	8.6	8.8	8.9	9.0	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: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.8
85°	25.9	26.1	26.2	26.2	26.2	26.1	25.9	25.7	25.4	25.0	24.6
82.5°	45.7	46.0	46.1	46.2	46.1	46.0	45.7	45.3	44.8	44.1	43.4
80°	71.6	72.1	72.4	72.5	72.4	72.1	71.6	70.9	70.0	68.9	67.9
77.5°	103.0	104.2	104.6	104.8	104.6	104.2	103.0	101.6	99.9	98.0	96.5
75°	134.1	135.0	135.5	135.7	135.5	135.0	134.1	132.7	131.0	129.0	127.0
72.5°	165.0	165.7	167.0	168.0	167.0	165.7	165.0	163.9	162.2	160.0	157.1
70°	194.6	195.0	196.3	197.3	196.3	195.0	194.6	193.7	192.3	189.9	186.1
67.5°	220.4	221.1	221.0	220.4	221.0	221.1	220.4	219.2	217.7	215.2	211.5
65°	242.6	244.1	244.2	243.6	244.2	244.1	242.6	240.7	238.6	235.7	232.1
62.5°	258.9	261.0	261.9	262.1	261.9	261.0	258.9	256.5	253.9	251.1	248.0
60°	266.8	267.8	268.1	268.2	268.1	267.8	266.8	265.6	264.0	262.2	260.1
57.5°	272.7	272.8	272.8	272.9	272.8	272.8	272.7	272.4	271.7	270.8	269.5
55°	278.8	278.8	278.3	277.5	278.3	278.8	278.8	278.6	278.3	277.9	277.2
52.5°	284.2	283.7	283.0	282.1	283.0	283.7	284.2	284.4	284.4	284.2	283.8
50°	289.6	288.6	288.2	288.3	288.2	288.6	289.6	290.2	290.5	290.4	289.9
47.5°	298.2	297.6	297.3	297.5	297.3	297.6	298.2	298.5	298.5	298.1	297.1
45°	312.0	311.4	311.1	311.4	311.1	311.4	312.0	311.7	310.9	309.5	307.3
42.5°	338.4	338.6	338.4	339.1	338.4	338.6	338.4	336.5	333.0	327.9	323.1
40°	374.8	374.6	373.4	373.1	373.4	374.6	374.8	372.2	365.8	358.6	350.3
37.5°	414.5	414.5	413.3	413.1	413.3	414.5	414.5	410.9	402.2	391.5	379.6
35°	452.0	453.4	453.2	451.7	453.2	453.4	452.0	447.7	439.7	428.4	413.0
32.5°	508.3	516.9	521.4	519.5	521.4	516.9	508.3	497.1	481.3	465.7	450.5
30°	620.8	643.0	654.7	659.8	654.7	643.0	620.8	595.0	554.0	525.3	498.6
27.5°	869.2	918.1	940.1	948.0	940.1	918.1	869.2	799.7	702.8	645.7	574.2
25°	1386.5	1497.1	1551.7	1569.3	1551.7	1497.1	1386.5	1213.3	1015.0	884.3	715.9
22.5°	2479.1	2692.3	2838.0	2870.3	2838.0	2692.3	2479.1	2068.1	1695.0	1359.5	1019.7
20°	4445.1	4857.4	5081.0	5060.8	5081.0	4857.4	4445.1	3736.7	3032.1	2192.6	1603.0
17.5°	7182.3	7710.9	7962.5	7844.8	7962.5	7710.9	7182.3	6223.0	5094.5	3741.3	2509.8
15°	10528.9	11243.0	11554.5	11650.9	11554.5	11243.0	10528.9	9360.2	7707.6	5854.9	3785.7
12.5°	14645.2	16986.3	18105.9	18405.9	18105.9	16986.3	14645.2	12557.6	10466.3	7867.9	5341.1
10°	20518.2	28387.5	33068.2	34211.2	33068.2	28387.5	20518.2	16651.1	12870.5	9712.4	6670.0
7.5°	33507.9	49499.0	67412.8	75895.7	67412.8	49499.0	33507.9	21437.7	15661.5	11350.2	7856.6
5°	51099.4	88687.2	130163.0	146422.2	130163.0	88687.2	51099.4	30885.1	18997.3	12763.5	8755.5
2.5°	72484.9	133910.7	191220.2	212583.9	191220.2	133910.7	72484.9	37429.7	21350.5	13623.3	9270.2
0°	81520.0	154384.2	210683.2	228983.4	210683.2	154384.2	81520.0	39527.9	21561.4	13913.8	9417.2
-2.5°	72484.9	133910.7	191220.2	212583.8	191220.2	133910.7	72484.9	37429.7	21350.5	13623.3	9270.2
-5°	51099.4	88687.2	130163.0	146422.2	130163.0	88687.2	51099.4	30885.1	18997.3	12763.5	8755.5
-7.5°	33507.9	49499.0	67412.8	75895.7	67412.8	49499.0	33507.9	21437.7	15661.5	11350.2	7856.6
-10°	20518.2	28387.5	33068.2	34211.2	33068.2	28387.5	20518.2	16651.1	12870.5	9712.4	6670.0
-12.5°	14645.2	16986.3	18105.9	18405.9	18105.9	16986.3	14645.2	12557.6	10466.3	7867.9	5341.1
-15°	10528.9	11243.0	11554.5	11650.9	11554.5	11243.0	10528.9	9360.2	7707.6	5854.9	3785.7
-17.5°	7182.3	7710.9	7962.5	7844.8	7962.5	7710.9	7182.3	6223.0	5094.5	3741.3	2509.8
-20°	4445.1	4857.4	5081.0	5060.8	5081.0	4857.4	4445.1	3736.7	3032.1	2192.6	1603.0



REPORT NUMBER: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2479.1	2692.3	2838.0	2870.3	2838.0	2692.3	2479.1	2068.1	1695.0	1359.5	1019.7
-25°	1386.5	1497.1	1551.7	1569.3	1551.7	1497.1	1386.5	1213.3	1015.0	884.3	715.9
-27.5°	869.2	918.1	940.1	948.0	940.1	918.1	869.2	799.7	702.8	645.7	574.2
-30°	620.8	643.0	654.7	659.8	654.7	643.0	620.8	595.0	554.0	525.3	498.6
-32.5°	508.3	516.9	521.4	519.5	521.4	516.9	508.3	497.1	481.3	465.7	450.5
-35°	452.0	453.4	453.2	451.7	453.2	453.4	452.0	447.7	439.7	428.4	413.0
-37.5°	414.5	414.5	413.3	413.1	413.3	414.5	414.5	410.9	402.2	391.5	379.6
-40°	374.8	374.6	373.4	373.1	373.4	374.6	374.8	372.2	365.8	358.6	350.3
-42.5°	338.4	338.6	338.4	339.1	338.4	338.6	338.4	336.5	333.0	327.9	323.1
-45°	312.0	311.4	311.1	311.4	311.1	311.4	312.0	311.7	310.9	309.5	307.3
-47.5°	298.2	297.6	297.3	297.5	297.3	297.6	298.2	298.5	298.5	298.1	297.1
-50°	289.6	288.6	288.2	288.3	288.2	288.6	289.6	290.2	290.5	290.4	289.9
-52.5°	284.2	283.7	283.0	282.1	283.0	283.7	284.2	284.4	284.4	284.2	283.8
-55°	278.8	278.8	278.3	277.5	278.3	278.8	278.8	278.6	278.3	277.9	277.2
-57.5°	272.7	272.8	272.8	272.9	272.8	272.8	272.7	272.4	271.7	270.8	269.5
-60°	266.8	267.8	268.1	268.2	268.1	267.8	266.8	265.6	264.0	262.2	260.1
-62.5°	258.9	261.0	261.9	262.1	261.9	261.0	258.9	256.5	253.9	251.1	248.0
-65°	242.6	244.1	244.2	243.6	244.2	244.1	242.6	240.7	238.6	235.7	232.1
-67.5°	220.4	221.1	221.0	220.4	221.0	221.1	220.4	219.2	217.7	215.2	211.5
-70°	194.6	195.0	196.3	197.3	196.3	195.0	194.6	193.7	192.3	189.9	186.1
-72.5°	165.0	165.7	167.0	168.0	167.0	165.7	165.0	163.9	162.2	160.0	157.1
-75°	134.1	135.0	135.5	135.7	135.5	135.0	134.1	132.7	131.0	129.0	127.0
-77.5°	103.0	104.2	104.6	104.8	104.6	104.2	103.0	101.6	99.9	98.0	96.5
-80°	71.6	72.1	72.4	72.5	72.4	72.1	71.6	70.9	70.0	68.9	67.9
-82.5°	45.7	46.0	46.1	46.2	46.1	46.0	45.7	45.3	44.8	44.1	43.4
-85°	25.9	26.1	26.2	26.2	26.2	26.1	25.9	25.7	25.4	25.0	24.6
-87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.8
-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: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	8.6	8.5	8.3	8.5	8.7	8.8	8.8	8.6	8.3	8.0	7.6
85°	24.1	23.6	23.0	22.1	21.3	20.5	19.7	18.7	17.8	16.8	15.9
82.5°	42.6	41.6	40.5	39.3	37.8	36.2	34.5	32.5	30.5	28.2	25.9
80°	66.7	65.2	63.5	61.3	59.0	56.4	53.8	51.0	47.9	44.9	42.1
77.5°	94.7	92.6	90.2	87.4	84.2	80.7	76.9	73.7	70.4	66.6	62.3
75°	124.6	121.8	118.7	115.3	111.6	107.5	103.1	98.2	93.4	88.5	83.4
72.5°	153.8	150.4	146.9	143.2	139.2	134.5	129.1	123.2	117.0	110.4	103.8
70°	182.0	177.5	173.1	168.9	164.3	159.3	153.7	147.6	141.0	133.6	125.4
67.5°	207.5	203.0	198.4	193.3	187.7	181.9	176.3	170.5	163.6	155.8	146.7
65°	228.2	224.1	220.2	214.9	209.1	202.9	196.7	190.0	183.1	176.0	167.3
62.5°	244.5	240.5	236.6	232.0	227.1	221.9	215.7	208.4	200.9	193.1	184.2
60°	257.5	254.4	250.4	246.2	241.7	236.6	230.3	224.0	217.7	209.1	200.1
57.5°	267.9	265.2	261.5	257.7	253.9	248.7	242.8	236.6	229.6	222.8	215.0
55°	276.1	273.7	270.5	266.8	262.6	258.4	253.5	247.6	240.9	234.4	226.7
52.5°	283.2	280.8	278.1	275.2	271.3	266.9	262.2	256.8	251.2	244.6	237.4
50°	288.9	286.9	284.5	281.5	278.2	274.7	270.1	265.0	259.9	253.9	246.8
47.5°	295.8	293.6	290.7	287.7	284.3	280.4	276.5	272.7	267.7	262.4	255.4
45°	305.2	302.0	298.3	294.8	290.8	286.7	282.1	278.5	274.6	269.3	263.6
42.5°	318.5	313.3	308.5	303.4	297.9	293.3	288.7	284.5	280.3	275.7	269.7
40°	339.3	328.2	321.5	314.1	307.4	300.5	295.5	290.3	285.9	281.3	275.5
37.5°	366.0	352.1	339.5	327.3	318.8	310.4	303.1	297.0	290.9	286.1	280.4
35°	394.9	378.3	362.7	347.2	332.0	321.7	312.0	304.3	297.2	290.6	285.0
32.5°	430.3	410.2	390.0	371.0	351.6	335.1	322.8	312.0	303.3	295.9	289.3
30°	470.6	445.3	421.2	397.5	373.8	352.5	334.8	321.1	309.8	300.8	293.6
27.5°	526.0	482.1	453.3	424.7	396.8	371.7	350.1	331.0	316.7	306.3	297.8
25°	620.8	540.3	489.0	454.0	421.6	391.7	366.4	343.9	325.4	311.6	300.9
22.5°	775.5	637.9	541.0	484.7	447.4	414.4	384.6	357.6	333.3	316.6	304.6
20°	1075.1	777.1	623.7	528.0	471.7	435.5	402.6	372.0	343.8	322.0	307.7
17.5°	1605.6	1028.4	720.0	576.8	500.5	454.6	419.6	385.2	353.7	326.5	310.2
15°	2246.7	1375.2	894.9	652.9	532.2	470.4	434.6	397.2	363.2	332.6	313.6
12.5°	3155.7	1757.7	1046.7	714.4	566.5	489.6	447.2	409.0	372.0	339.0	316.4
10°	3913.4	2212.9	1288.0	828.1	612.3	510.0	456.4	416.0	377.0	343.5	318.3
7.5°	4863.9	2719.8	1503.1	912.5	647.0	524.6	461.9	419.8	379.7	346.3	319.3
5°	5463.9	3054.9	1646.9	976.1	672.7	534.5	465.9	421.2	380.2	347.5	319.4
2.5°	5886.2	3227.2	1712.5	1011.0	687.4	538.8	467.9	422.2	382.0	348.6	321.1
0°	5956.5	3359.0	1721.9	1019.0	689.1	536.5	467.1	422.4	383.8	348.4	322.2
-2.5°	5886.2	3227.2	1712.5	1011.0	687.4	538.8	467.9	422.2	382.0	348.6	321.1
-5°	5463.9	3054.9	1646.9	976.1	672.7	534.5	465.9	421.2	380.2	347.5	319.4
-7.5°	4863.9	2719.8	1503.1	912.5	647.0	524.6	461.9	419.8	379.7	346.3	319.3
-10°	3913.4	2212.9	1288.0	828.1	612.3	510.0	456.4	416.0	377.0	343.5	318.3
-12.5°	3155.7	1757.7	1046.7	714.4	566.5	489.6	447.2	409.0	372.0	339.0	316.4
-15°	2246.7	1375.2	894.9	652.9	532.2	470.4	434.6	397.2	363.2	332.6	313.6
-17.5°	1605.6	1028.4	720.0	576.8	500.5	454.6	419.6	385.2	353.7	326.5	310.2
-20°	1075.1	777.1	623.7	528.0	471.7	435.5	402.6	372.0	343.8	322.0	307.7



REPORT NUMBER: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	775.5	637.9	541.0	484.7	447.4	414.4	384.6	357.6	333.3	316.6	304.6
-25°	620.8	540.3	489.0	454.0	421.6	391.7	366.4	343.9	325.4	311.6	300.9
-27.5°	526.0	482.1	453.3	424.7	396.8	371.7	350.1	331.0	316.7	306.3	297.8
-30°	470.6	445.3	421.2	397.5	373.8	352.5	334.8	321.1	309.8	300.8	293.6
-32.5°	430.3	410.2	390.0	371.0	351.6	335.1	322.8	312.0	303.3	295.9	289.3
-35°	394.9	378.3	362.7	347.2	332.0	321.7	312.0	304.3	297.2	290.6	285.0
-37.5°	366.0	352.1	339.5	327.3	318.8	310.4	303.1	297.0	290.9	286.1	280.4
-40°	339.3	328.2	321.5	314.1	307.4	300.5	295.5	290.3	285.9	281.3	275.5
-42.5°	318.5	313.3	308.5	303.4	297.9	293.3	288.7	284.5	280.3	275.7	269.7
-45°	305.2	302.0	298.3	294.8	290.8	286.7	282.1	278.5	274.6	269.3	263.6
-47.5°	295.8	293.6	290.7	287.7	284.3	280.4	276.5	272.7	267.7	262.4	255.4
-50°	288.9	286.9	284.5	281.5	278.2	274.7	270.1	265.0	259.9	253.9	246.8
-52.5°	283.2	280.8	278.1	275.2	271.3	266.9	262.2	256.8	251.2	244.6	237.4
-55°	276.1	273.7	270.5	266.8	262.6	258.4	253.5	247.6	240.9	234.4	226.7
-57.5°	267.9	265.2	261.5	257.7	253.9	248.7	242.8	236.6	229.6	222.8	215.0
-60°	257.5	254.4	250.4	246.2	241.7	236.6	230.3	224.0	217.7	209.1	200.1
-62.5°	244.5	240.5	236.6	232.0	227.1	221.9	215.7	208.4	200.9	193.1	184.2
-65°	228.2	224.1	220.2	214.9	209.1	202.9	196.7	190.0	183.1	176.0	167.3
-67.5°	207.5	203.0	198.4	193.3	187.7	181.9	176.3	170.5	163.6	155.8	146.7
-70°	182.0	177.5	173.1	168.9	164.3	159.3	153.7	147.6	141.0	133.6	125.4
-72.5°	153.8	150.4	146.9	143.2	139.2	134.5	129.1	123.2	117.0	110.4	103.8
-75°	124.6	121.8	118.7	115.3	111.6	107.5	103.1	98.2	93.4	88.5	83.4
-77.5°	94.7	92.6	90.2	87.4	84.2	80.7	76.9	73.7	70.4	66.6	62.3
-80°	66.7	65.2	63.5	61.3	59.0	56.4	53.8	51.0	47.9	44.9	42.1
-82.5°	42.6	41.6	40.5	39.3	37.8	36.2	34.5	32.5	30.5	28.2	25.9
-85°	24.1	23.6	23.0	22.1	21.3	20.5	19.7	18.7	17.8	16.8	15.9
-87.5°	8.6	8.5	8.3	8.5	8.7	8.8	8.8	8.6	8.3	8.0	7.6
-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: P558920 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.1	3.7	3.2
85°	15.3	14.5	13.7	12.8	11.9	10.8	10.0	9.1	8.3	7.4	6.5
82.5°	24.1	23.0	21.9	20.8	19.8	18.5	17.0	15.3	13.2	11.2	9.7
80°	39.6	37.0	34.2	31.4	28.6	26.2	24.4	22.3	19.4	16.6	13.9
77.5°	57.6	52.9	48.3	44.3	40.2	36.3	32.8	29.5	25.6	22.0	18.5
75°	77.4	71.2	65.2	59.1	52.7	46.3	41.6	37.1	32.4	27.5	23.1
72.5°	97.1	90.0	82.4	74.6	67.2	59.6	51.8	44.7	39.4	33.8	27.9
70°	117.1	108.8	100.5	91.3	82.0	72.8	64.0	55.1	46.4	40.1	33.6
67.5°	137.1	127.4	117.8	107.9	97.3	86.7	76.2	65.9	56.0	46.4	39.1
65°	156.7	145.8	134.6	123.7	112.4	100.5	88.7	76.7	65.3	54.5	44.6
62.5°	174.7	164.1	151.9	139.6	127.2	114.3	101.0	87.9	74.6	62.4	51.0
60°	190.6	179.8	168.6	155.6	141.9	128.0	113.5	98.8	84.5	70.1	57.6
57.5°	205.0	194.6	183.1	170.6	156.5	141.4	125.9	109.9	94.1	78.4	64.0
55°	218.3	207.8	196.7	184.1	170.2	154.7	138.0	120.9	103.6	86.8	70.2
52.5°	229.1	219.8	208.9	196.7	182.7	167.3	149.9	131.5	113.2	94.9	77.3
50°	238.8	230.2	219.9	207.8	194.6	178.6	161.5	142.1	122.4	102.8	84.2
47.5°	247.7	239.4	229.6	218.2	204.6	189.5	171.8	152.4	131.4	110.8	90.9
45°	255.7	247.5	238.4	227.2	214.2	198.9	181.5	162.5	140.4	118.5	97.2
42.5°	262.9	254.7	245.8	236.0	222.5	207.6	190.7	171.0	149.1	126.0	103.6
40°	268.6	261.0	252.6	242.5	230.3	216.0	198.6	179.1	157.5	133.2	109.7
37.5°	274.0	266.5	258.1	248.6	237.3	222.8	206.0	186.7	165.1	140.1	115.6
35°	278.5	271.3	263.0	253.8	242.8	229.3	213.1	193.6	171.4	146.7	121.2
32.5°	282.6	275.5	267.1	258.0	247.9	235.4	219.2	199.5	177.4	152.8	126.4
30°	286.5	278.8	270.8	261.8	252.3	240.0	224.3	205.0	183.0	158.5	131.3
27.5°	289.7	281.6	274.2	265.1	255.5	244.1	229.0	210.1	188.1	163.5	135.9
25°	292.7	284.3	276.6	268.0	258.4	247.8	233.3	214.8	192.5	167.7	140.1
22.5°	295.3	286.7	278.6	270.7	260.9	251.4	236.9	218.3	196.2	171.4	143.8
20°	297.6	288.9	280.2	272.8	263.0	253.4	239.7	221.5	199.6	174.8	147.2
17.5°	299.7	290.7	281.8	274.0	264.8	255.2	242.3	224.4	202.6	177.8	150.1
15°	301.6	292.1	283.2	275.0	266.2	256.7	244.6	226.9	205.1	180.3	152.7
12.5°	303.1	293.0	284.3	275.7	267.3	257.9	246.6	229.0	207.2	182.5	154.8
10°	304.3	293.6	285.1	276.2	268.1	258.7	248.2	230.7	208.9	184.1	156.4
7.5°	305.2	293.7	285.5	276.5	268.6	259.4	249.2	231.9	210.1	185.4	157.7
5°	305.9	294.1	286.1	277.0	269.3	260.0	249.8	232.6	210.9	186.2	158.5
2.5°	307.4	295.2	286.5	277.4	269.7	260.4	249.9	232.9	211.3	186.6	158.8
0°	308.3	296.0	286.7	277.5	269.8	260.5	249.7	232.8	211.2	186.5	158.8
-2.5°	307.4	295.2	286.5	277.4	269.7	260.4	249.9	232.9	211.3	186.6	158.8
-5°	305.9	294.1	286.1	277.0	269.3	260.0	249.8	232.6	210.9	186.2	158.5
-7.5°	305.2	293.7	285.5	276.5	268.6	259.4	249.2	231.9	210.1	185.4	157.7
-10°	304.3	293.6	285.1	276.2	268.1	258.7	248.2	230.7	208.9	184.1	156.4
-12.5°	303.1	293.0	284.3	275.7	267.3	257.9	246.6	229.0	207.2	182.5	154.8
-15°	301.6	292.1	283.2	275.0	266.2	256.7	244.6	226.9	205.1	180.3	152.7
-17.5°	299.7	290.7	281.8	274.0	264.8	255.2	242.3	224.4	202.6	177.8	150.1
-20°	297.6	288.9	280.2	272.8	263.0	253.4	239.7	221.5	199.6	174.8	147.2



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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°	295.3	286.7	278.6	270.7	260.9	251.4	236.9	218.3	196.2	171.4	143.8
-25°	292.7	284.3	276.6	268.0	258.4	247.8	233.3	214.8	192.5	167.7	140.1
-27.5°	289.7	281.6	274.2	265.1	255.5	244.1	229.0	210.1	188.1	163.5	135.9
-30°	286.5	278.8	270.8	261.8	252.3	240.0	224.3	205.0	183.0	158.5	131.3
-32.5°	282.6	275.5	267.1	258.0	247.9	235.4	219.2	199.5	177.4	152.8	126.4
-35°	278.5	271.3	263.0	253.8	242.8	229.3	213.1	193.6	171.4	146.7	121.2
-37.5°	274.0	266.5	258.1	248.6	237.3	222.8	206.0	186.7	165.1	140.1	115.6
-40°	268.6	261.0	252.6	242.5	230.3	216.0	198.6	179.1	157.5	133.2	109.7
-42.5°	262.9	254.7	245.8	236.0	222.5	207.6	190.7	171.0	149.1	126.0	103.6
-45°	255.7	247.5	238.4	227.2	214.2	198.9	181.5	162.5	140.4	118.5	97.2
-47.5°	247.7	239.4	229.6	218.2	204.6	189.5	171.8	152.4	131.4	110.8	90.9
-50°	238.8	230.2	219.9	207.8	194.6	178.6	161.5	142.1	122.4	102.8	84.2
-52.5°	229.1	219.8	208.9	196.7	182.7	167.3	149.9	131.5	113.2	94.9	77.3
-55°	218.3	207.8	196.7	184.1	170.2	154.7	138.0	120.9	103.6	86.8	70.2
-57.5°	205.0	194.6	183.1	170.6	156.5	141.4	125.9	109.9	94.1	78.4	64.0
-60°	190.6	179.8	168.6	155.6	141.9	128.0	113.5	98.8	84.5	70.1	57.6
-62.5°	174.7	164.1	151.9	139.6	127.2	114.3	101.0	87.9	74.6	62.4	51.0
-65°	156.7	145.8	134.6	123.7	112.4	100.5	88.7	76.7	65.3	54.5	44.6
-67.5°	137.1	127.4	117.8	107.9	97.3	86.7	76.2	65.9	56.0	46.4	39.1
-70°	117.1	108.8	100.5	91.3	82.0	72.8	64.0	55.1	46.4	40.1	33.6
-72.5°	97.1	90.0	82.4	74.6	67.2	59.6	51.8	44.7	39.4	33.8	27.9
-75°	77.4	71.2	65.2	59.1	52.7	46.3	41.6	37.1	32.4	27.5	23.1
-77.5°	57.6	52.9	48.3	44.3	40.2	36.3	32.8	29.5	25.6	22.0	18.5
-80°	39.6	37.0	34.2	31.4	28.6	26.2	24.4	22.3	19.4	16.6	13.9
-82.5°	24.1	23.0	21.9	20.8	19.8	18.5	17.0	15.3	13.2	11.2	9.7
-85°	15.3	14.5	13.7	12.8	11.9	10.8	10.0	9.1	8.3	7.4	6.5
-87.5°	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.1	3.7	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
85°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
82.5°	8.4	7.2	6.0	4.7	3.2	1.6	0.0
80°	11.3	9.7	8.0	6.2	4.3	2.1	0.0
77.5°	15.2	12.4	10.0	7.7	5.3	2.7	0.0
75°	19.1	15.6	12.1	9.3	6.4	3.2	0.0
72.5°	23.0	18.8	14.7	10.8	7.4	3.7	0.0
70°	27.0	22.0	17.2	12.4	8.4	4.2	0.0
67.5°	31.8	25.2	19.7	14.2	9.4	4.7	0.0
65°	36.5	28.7	22.2	16.1	10.4	5.2	0.0
62.5°	41.2	32.5	24.6	17.9	11.3	5.7	0.0
60°	45.7	36.2	27.0	19.7	12.3	6.1	0.0
57.5°	51.1	39.8	29.9	21.5	13.4	6.6	0.0
55°	56.4	43.4	32.7	23.2	14.6	7.1	0.0
52.5°	61.7	46.9	35.3	24.8	15.6	7.5	0.0
50°	66.7	51.1	37.9	26.4	16.7	7.9	0.0
47.5°	71.7	55.2	40.4	28.1	17.7	8.3	0.0
45°	77.2	59.1	42.8	29.8	18.7	8.7	0.0
42.5°	82.3	62.8	45.1	31.6	19.6	9.1	0.0
40°	87.3	66.4	47.6	33.2	20.5	9.4	0.0
37.5°	91.9	69.8	50.3	34.6	21.3	9.8	0.0
35°	96.3	73.3	52.9	36.0	22.1	10.1	0.0
32.5°	100.5	76.7	55.3	37.3	22.9	10.4	0.0
30°	104.7	79.9	57.6	38.5	23.6	10.7	0.0
27.5°	108.5	82.8	59.6	39.6	24.2	10.9	0.0
25°	112.1	85.5	61.5	40.6	24.8	11.1	0.0
22.5°	115.3	88.0	63.2	41.5	25.4	11.4	0.0
20°	118.2	90.2	64.8	42.2	25.8	11.6	0.0
17.5°	120.8	92.2	66.2	42.9	26.3	11.7	0.0
15°	123.1	93.9	67.4	43.5	26.6	11.9	0.0
12.5°	125.0	95.4	68.5	43.9	27.0	12.0	0.0
10°	126.6	96.6	69.3	44.3	27.2	12.1	0.0
7.5°	127.9	97.5	70.0	44.5	27.4	12.2	0.0
5°	128.8	98.2	70.5	44.7	27.6	12.3	0.0
2.5°	129.3	98.6	70.8	44.7	27.7	12.3	0.0
0°	129.5	98.7	70.9	44.7	27.7	12.3	0.0
-2.5°	129.3	98.6	70.8	44.7	27.7	12.3	0.0
-5°	128.8	98.2	70.5	44.7	27.6	12.3	0.0
-7.5°	127.9	97.5	70.0	44.5	27.4	12.2	0.0
-10°	126.6	96.6	69.3	44.3	27.2	12.1	0.0
-12.5°	125.0	95.4	68.5	43.9	27.0	12.0	0.0
-15°	123.1	93.9	67.4	43.5	26.6	11.9	0.0
-17.5°	120.8	92.2	66.2	42.9	26.3	11.7	0.0
-20°	118.2	90.2	64.8	42.2	25.8	11.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	115.3	88.0	63.2	41.5	25.4	11.4	0.0
-25°	112.1	85.5	61.5	40.6	24.8	11.1	0.0
-27.5°	108.5	82.8	59.6	39.6	24.2	10.9	0.0
-30°	104.7	79.9	57.6	38.5	23.6	10.7	0.0
-32.5°	100.5	76.7	55.3	37.3	22.9	10.4	0.0
-35°	96.3	73.3	52.9	36.0	22.1	10.1	0.0
-37.5°	91.9	69.8	50.3	34.6	21.3	9.8	0.0
-40°	87.3	66.4	47.6	33.2	20.5	9.4	0.0
-42.5°	82.3	62.8	45.1	31.6	19.6	9.1	0.0
-45°	77.2	59.1	42.8	29.8	18.7	8.7	0.0
-47.5°	71.7	55.2	40.4	28.1	17.7	8.3	0.0
-50°	66.7	51.1	37.9	26.4	16.7	7.9	0.0
-52.5°	61.7	46.9	35.3	24.8	15.6	7.5	0.0
-55°	56.4	43.4	32.7	23.2	14.6	7.1	0.0
-57.5°	51.1	39.8	29.9	21.5	13.4	6.6	0.0
-60°	45.7	36.2	27.0	19.7	12.3	6.1	0.0
-62.5°	41.2	32.5	24.6	17.9	11.3	5.7	0.0
-65°	36.5	28.7	22.2	16.1	10.4	5.2	0.0
-67.5°	31.8	25.2	19.7	14.2	9.4	4.7	0.0
-70°	27.0	22.0	17.2	12.4	8.4	4.2	0.0
-72.5°	23.0	18.8	14.7	10.8	7.4	3.7	0.0
-75°	19.1	15.6	12.1	9.3	6.4	3.2	0.0
-77.5°	15.2	12.4	10.0	7.7	5.3	2.7	0.0
-80°	11.3	9.7	8.0	6.2	4.3	2.1	0.0
-82.5°	8.4	7.2	6.0	4.7	3.2	1.6	0.0
-85°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
-87.5°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)