

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: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4E-930-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

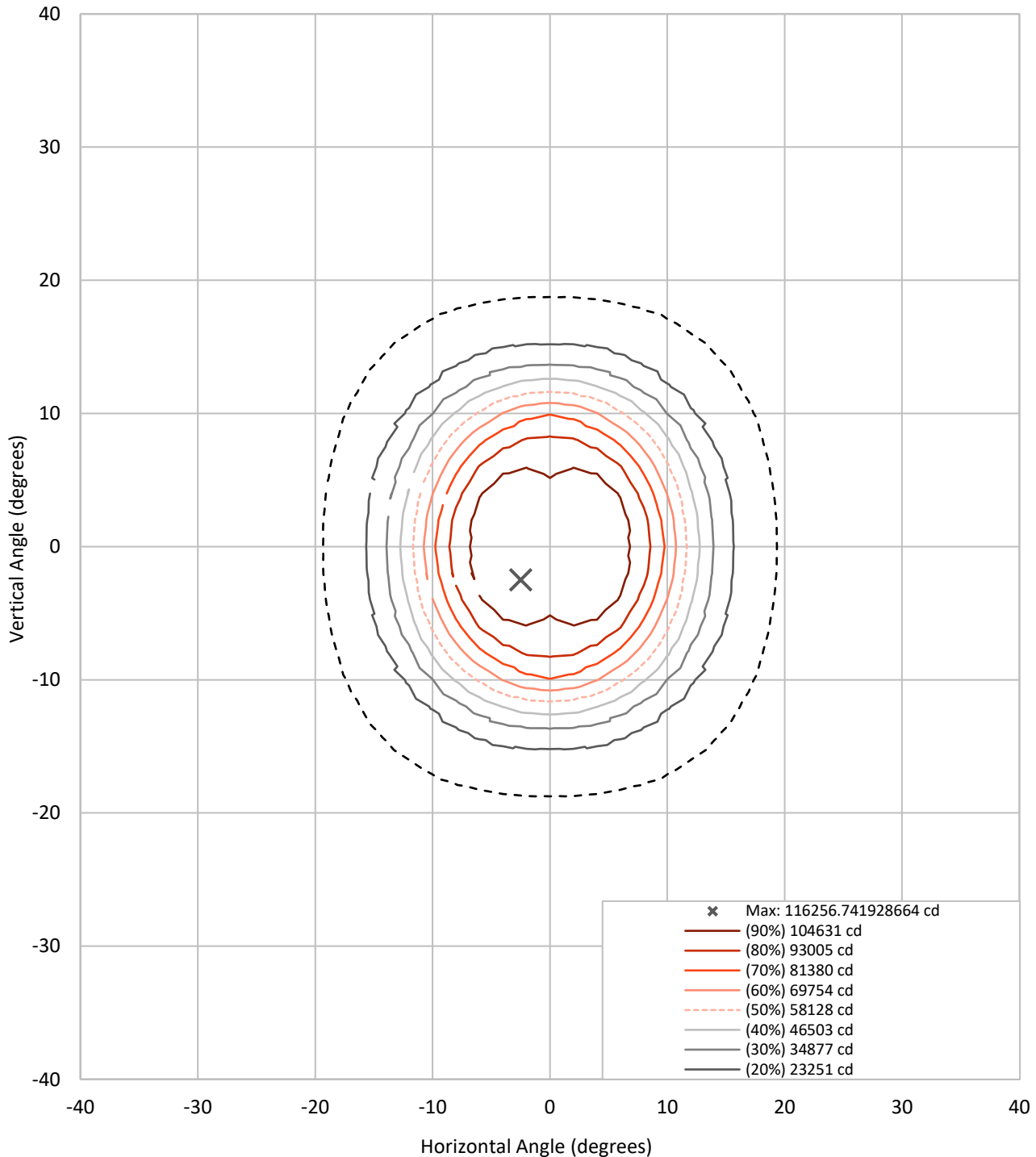
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21984 lumens	Max Intensity:	116256.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	11868.4 lumens	Field Lumens:	17898.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 250
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





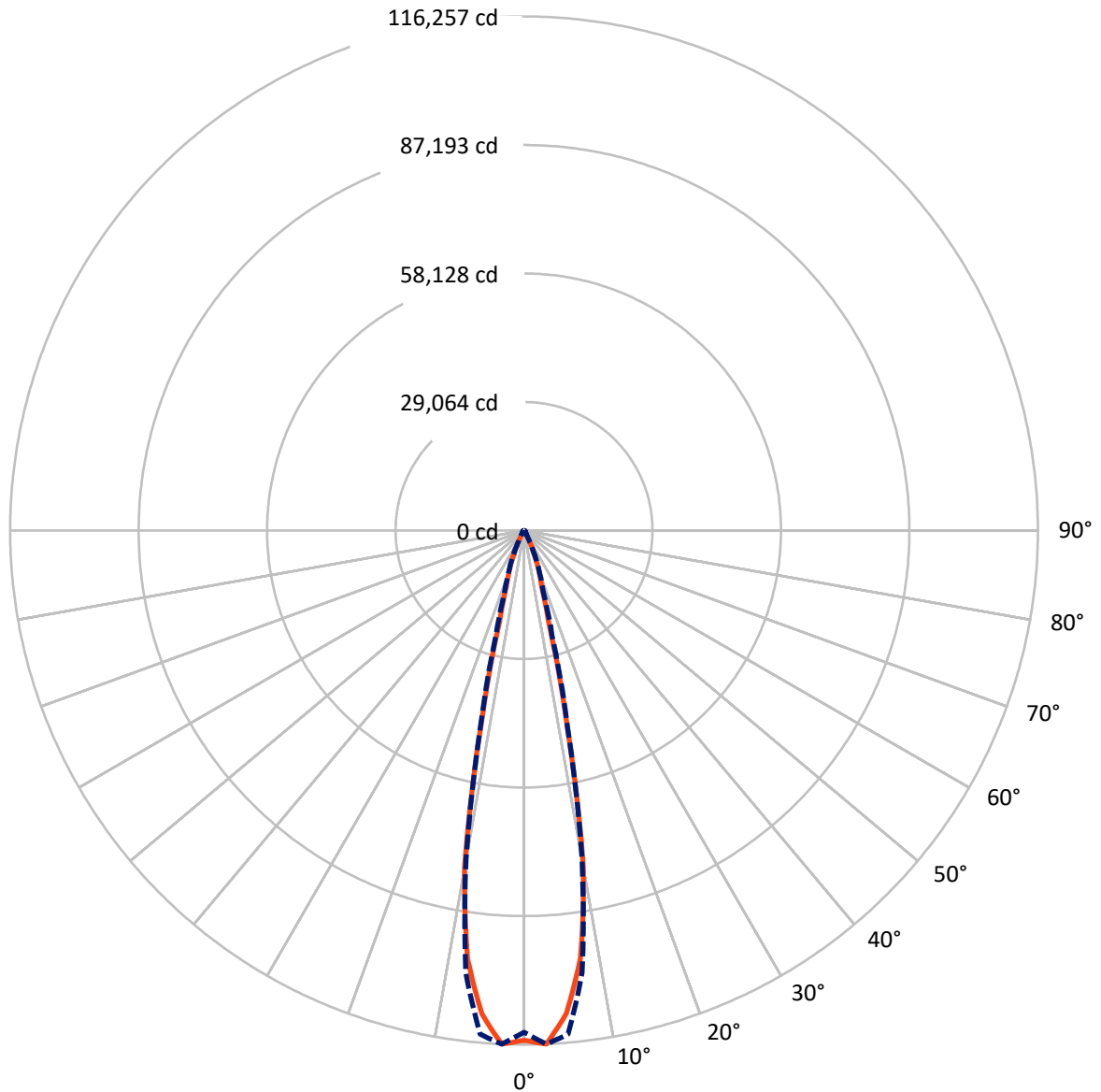
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Lumen Table

90	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3			
80	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3			
70	1.0	1.2	2.4	3.9	5.3	6.6	7.5	8.0	8.0	7.5	6.6	5.3	3.9	2.4	1.2	1.0			
60		1.7	3.5	5.5	7.3	8.7	9.6	10.0	10.0	9.6	8.7	7.3	5.5	3.5	1.7				
50	1.9	2.3	4.4	6.6	8.5	10.4	11.9	12.6	12.6	11.9	10.4	8.5	6.6	4.4	2.3	1.9			
40		2.7	5.1	7.4	10.0	13.7	18.0	21.6	21.6	18.0	13.7	10.0	7.4	5.1	2.7				
30	2.5	3.1	5.6	8.2	12.4	22.5	67.5	131.5	131.5	67.5	22.5	12.4	8.2	5.6	3.1	2.5			
20		3.3	5.8	8.7	15.5	66.7	307.8	791.4	791.4	307.8	66.7	15.5	8.7	5.8	3.3				
10	2.7	3.4	5.9	9.1	18.6	129.9	801.5	2831.5	2831.5	801.5	129.9	18.6	9.1	5.9	3.4	2.7			
0		3.4	5.9	9.1	18.6	129.9	801.5	2831.5	2831.5	801.5	129.9	18.6	9.1	5.9	3.4				
-10	2.5	3.3	5.8	8.7	15.5	66.7	307.8	791.4	791.4	307.8	66.7	15.5	8.7	5.8	3.3	2.5			
-20		3.1	5.6	8.2	12.4	22.5	67.5	131.5	131.5	67.5	22.5	12.4	8.2	5.6	3.1				
-30	1.9	2.7	5.1	7.4	10.0	13.7	18.0	21.6	21.6	18.0	13.7	10.0	7.4	5.1	2.7	1.9			
-40		2.3	4.4	6.6	8.5	10.4	11.9	12.6	12.6	11.9	10.4	8.5	6.6	4.4	2.3				
-50	1.0	1.7	3.5	5.5	7.3	8.7	9.6	10.0	10.0	9.6	8.7	7.3	5.5	3.5	1.7	1.0			
-60		1.2	2.4	3.9	5.3	6.6	7.5	8.0	8.0	7.5	6.6	5.3	3.9	2.4	1.2				
-70	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3			
-80		2.2		5.9		9.4		11.0		9.4		5.9		2.2					
-90	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		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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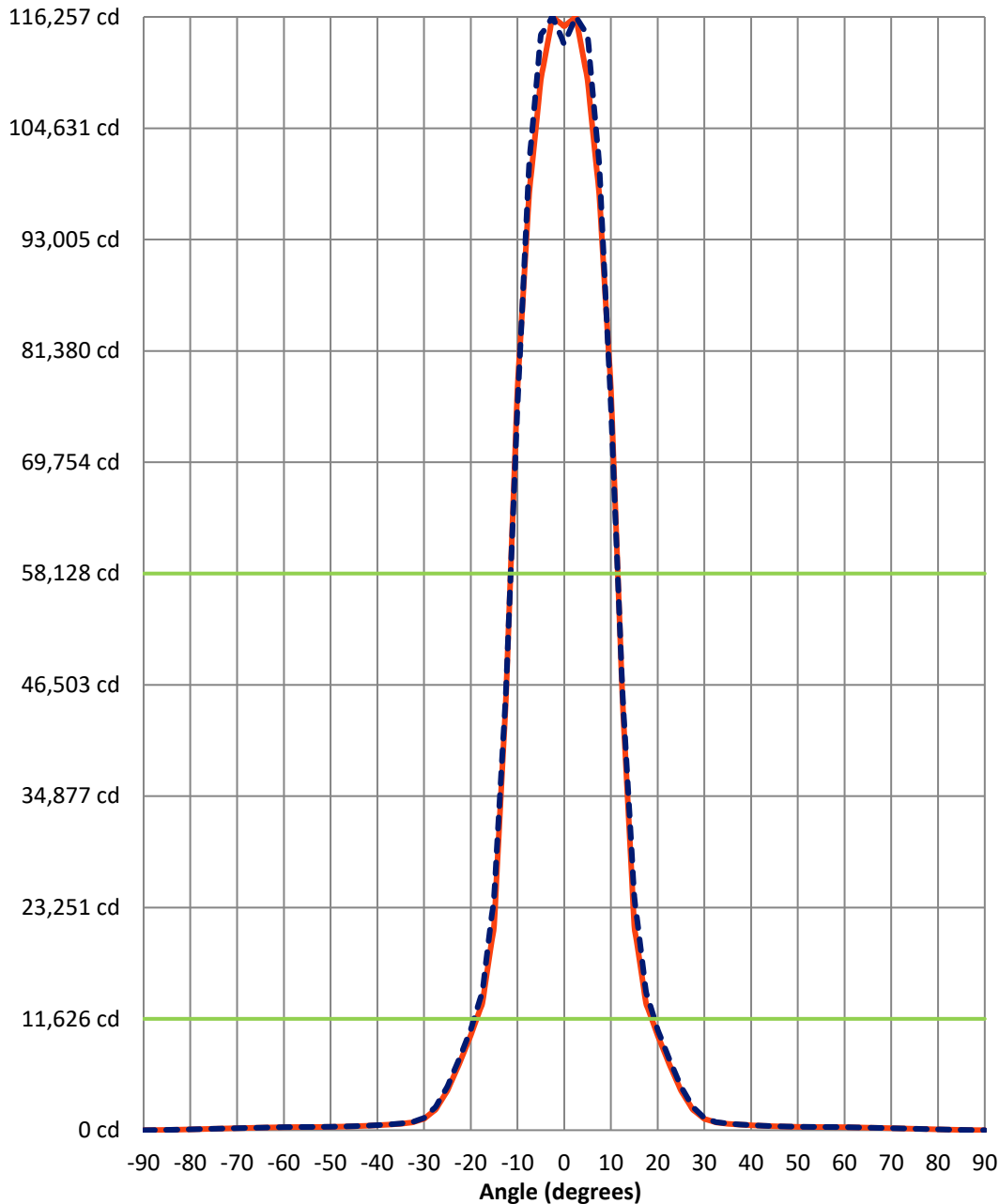
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 11868.4
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 17898.3
Efficiency: 81.4%

Spill:
Lumens: 4085.7
Efficiency: 18.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.2	17.7
80°	0.0	2.1	4.3	6.4	8.5	10.6	12.9	16.0	19.4	22.8	26.3
77.5°	0.0	2.7	5.3	8.0	10.6	13.7	17.6	21.6	25.9	30.3	35.0
75°	0.0	3.2	6.4	9.5	12.9	17.7	22.3	27.2	32.5	38.6	44.4
72.5°	0.0	3.7	7.4	11.1	16.2	21.7	26.9	33.0	40.3	47.2	53.7
70°	0.0	4.2	8.4	12.8	19.4	25.7	31.8	39.9	48.0	55.7	64.8
67.5°	0.0	4.7	9.4	15.2	22.6	29.6	37.7	46.8	55.7	66.1	76.3
65°	0.0	5.2	10.4	17.7	25.8	33.9	43.6	53.6	64.8	76.3	87.9
62.5°	0.0	5.7	11.3	20.0	28.9	38.6	49.3	61.0	73.8	86.5	99.8
60°	0.0	6.1	12.3	22.4	32.0	43.2	54.9	68.7	82.5	97.0	111.5
57.5°	0.0	6.6	13.8	24.7	35.5	47.7	61.2	76.2	91.6	107.4	122.9
55°	0.0	7.1	15.3	26.9	38.9	52.0	67.4	83.5	100.5	117.4	134.0
52.5°	0.0	7.5	16.8	29.1	42.2	56.3	73.5	91.1	109.2	127.2	144.9
50°	0.0	7.9	18.2	31.2	45.4	61.2	79.4	98.6	117.7	136.6	155.7
47.5°	0.0	8.3	19.5	33.3	48.4	66.0	85.2	105.8	125.8	145.8	166.4
45°	0.0	8.7	20.8	35.5	51.4	70.5	91.2	112.9	133.7	155.1	176.8
42.5°	0.0	9.1	22.1	37.6	54.2	74.9	97.0	119.6	141.4	164.2	186.1
40°	0.0	9.4	23.2	39.6	57.2	79.0	102.6	126.0	148.8	172.9	194.8
37.5°	0.0	9.8	24.4	41.4	60.3	83.0	108.0	132.1	156.2	180.9	202.9
35°	0.0	10.1	25.4	43.2	63.3	87.1	113.1	137.9	163.0	187.8	210.8
32.5°	0.0	10.4	26.4	44.8	66.1	91.0	117.9	143.3	169.5	194.2	218.4
30°	0.0	10.7	27.4	46.4	68.7	94.8	122.3	148.5	175.4	200.3	225.3
27.5°	0.0	10.9	28.2	47.8	71.3	98.3	126.3	153.3	180.7	205.9	231.6
25°	0.0	11.1	29.0	49.1	73.6	101.5	130.1	157.8	185.3	211.1	237.2
22.5°	0.0	11.4	29.8	50.3	75.8	104.5	133.5	161.8	189.5	215.7	242.1
20°	0.0	11.6	30.4	51.4	77.8	107.2	136.6	165.4	193.3	219.7	246.4
17.5°	0.0	11.7	31.0	52.3	79.6	109.6	139.3	168.6	196.6	223.2	250.2
15°	0.0	11.9	31.5	53.2	81.2	111.6	141.6	171.3	199.5	226.1	253.5
12.5°	0.0	12.0	31.9	53.9	82.6	113.4	143.6	173.6	202.0	228.4	256.2
10°	0.0	12.1	32.3	54.5	83.8	114.8	145.2	175.5	204.1	230.9	258.4
7.5°	0.0	12.2	32.5	54.9	84.8	115.8	146.5	177.0	205.6	233.0	260.0
5°	0.0	12.3	32.7	55.2	85.6	116.6	147.4	178.1	206.8	234.6	261.0
2.5°	0.0	12.3	32.9	55.4	86.1	117.0	147.9	178.7	207.5	235.8	261.3
0°	0.0	12.3	32.9	55.5	86.4	117.2	148.1	178.9	207.7	236.5	261.1
-2.5°	0.0	12.3	32.9	55.5	86.4	117.2	148.1	178.9	207.7	236.5	261.1
-5°	0.0	12.3	32.7	55.2	85.6	116.6	147.4	178.1	206.8	234.6	261.0
-7.5°	0.0	12.2	32.5	54.9	84.8	115.8	146.5	177.0	205.6	233.0	260.0
-10°	0.0	12.1	32.3	54.5	83.8	114.8	145.2	175.5	204.1	230.9	258.4
-12.5°	0.0	12.0	31.9	53.9	82.6	113.4	143.6	173.6	202.0	228.4	256.2
-15°	0.0	11.9	31.5	53.2	81.2	111.6	141.6	171.3	199.5	226.1	253.5
-17.5°	0.0	11.7	31.0	52.3	79.6	109.6	139.3	168.6	196.6	223.2	250.2
-20°	0.0	11.6	30.4	51.4	77.8	107.2	136.6	165.4	193.3	219.7	246.4



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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	29.8	50.3	75.8	104.5	133.5	161.8	189.5	215.7	242.1
-25°	0.0	11.1	29.0	49.1	73.6	101.5	130.1	157.8	185.3	211.1	237.2
-27.5°	0.0	10.9	28.2	47.8	71.3	98.3	126.3	153.3	180.7	205.9	231.6
-30°	0.0	10.7	27.4	46.4	68.7	94.8	122.3	148.5	175.4	200.3	225.3
-32.5°	0.0	10.4	26.4	44.8	66.1	91.0	117.9	143.3	169.5	194.2	218.4
-35°	0.0	10.1	25.4	43.2	63.3	87.1	113.1	137.9	163.0	187.8	210.8
-37.5°	0.0	9.8	24.4	41.4	60.3	83.0	108.0	132.1	156.2	180.9	202.9
-40°	0.0	9.4	23.2	39.6	57.2	79.0	102.6	126.0	148.8	172.9	194.8
-42.5°	0.0	9.1	22.1	37.6	54.2	74.9	97.0	119.6	141.4	164.2	186.1
-45°	0.0	8.7	20.8	35.5	51.4	70.5	91.2	112.9	133.7	155.1	176.8
-47.5°	0.0	8.3	19.5	33.3	48.4	66.0	85.2	105.8	125.8	145.8	166.4
-50°	0.0	7.9	18.2	31.2	45.4	61.2	79.4	98.6	117.7	136.6	155.7
-52.5°	0.0	7.5	16.8	29.1	42.2	56.3	73.5	91.1	109.2	127.2	144.9
-55°	0.0	7.1	15.3	26.9	38.9	52.0	67.4	83.5	100.5	117.4	134.0
-57.5°	0.0	6.6	13.8	24.7	35.5	47.7	61.2	76.2	91.6	107.4	122.9
-60°	0.0	6.1	12.3	22.4	32.0	43.2	54.9	68.7	82.5	97.0	111.5
-62.5°	0.0	5.7	11.3	20.0	28.9	38.6	49.3	61.0	73.8	86.5	99.8
-65°	0.0	5.2	10.4	17.7	25.8	33.9	43.6	53.6	64.8	76.3	87.9
-67.5°	0.0	4.7	9.4	15.2	22.6	29.6	37.7	46.8	55.7	66.1	76.3
-70°	0.0	4.2	8.4	12.8	19.4	25.7	31.8	39.9	48.0	55.7	64.8
-72.5°	0.0	3.7	7.4	11.1	16.2	21.7	26.9	33.0	40.3	47.2	53.7
-75°	0.0	3.2	6.4	9.5	12.9	17.7	22.3	27.2	32.5	38.6	44.4
-77.5°	0.0	2.7	5.3	8.0	10.6	13.7	17.6	21.6	25.9	30.3	35.0
-80°	0.0	2.1	4.3	6.4	8.5	10.6	12.9	16.0	19.4	22.8	26.3
-82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.2	17.7
-85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
-87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
85°	11.3	12.3	13.7	15.0	16.2	17.3	18.3	19.1	20.3	21.6	22.8
82.5°	20.0	22.0	23.9	25.6	27.2	28.5	30.0	32.0	34.6	37.1	39.2
80°	29.2	31.8	34.8	37.9	41.1	44.3	47.5	50.7	53.6	56.3	59.1
77.5°	39.3	43.4	47.6	51.9	56.3	61.2	66.0	70.5	74.8	78.9	82.9
75°	49.7	54.9	61.2	67.4	73.5	79.4	85.2	91.1	96.7	102.0	107.2
72.5°	61.0	68.7	76.2	83.5	91.5	99.0	106.1	112.7	119.5	126.4	132.7
70°	73.8	82.5	91.9	101.4	110.7	119.1	127.5	136.0	144.5	151.8	158.1
67.5°	86.5	97.3	108.2	119.0	129.2	138.9	148.9	158.4	167.2	174.8	182.0
65°	99.8	111.9	123.9	135.6	146.9	158.5	169.4	179.6	189.1	197.7	205.8
62.5°	112.9	126.1	139.1	152.1	165.3	178.0	189.3	200.2	210.6	219.8	228.6
60°	125.7	139.9	154.2	168.7	183.1	196.4	208.6	219.9	230.6	240.8	249.9
57.5°	138.2	153.4	169.1	184.7	199.7	214.2	226.6	238.6	249.5	259.9	269.4
55°	150.5	166.6	183.4	199.9	215.7	230.4	243.8	255.8	267.5	276.9	286.0
52.5°	162.6	179.6	197.2	214.4	230.5	245.8	259.7	271.8	282.4	292.1	300.1
50°	174.5	192.3	210.5	227.8	244.5	260.0	274.0	285.7	295.7	304.7	312.2
47.5°	185.8	204.6	222.6	240.6	257.4	272.8	286.6	297.6	307.5	315.5	322.5
45°	196.4	216.0	234.7	252.3	269.4	284.7	297.3	308.4	317.5	325.5	332.6
42.5°	206.6	227.0	245.9	263.5	280.3	295.0	307.4	317.8	327.1	335.0	342.8
40°	216.3	237.7	256.7	274.1	290.6	304.4	316.1	326.7	335.8	344.7	353.2
37.5°	225.7	247.3	267.1	284.7	299.2	312.8	324.3	334.7	345.0	354.8	366.3
35°	234.8	256.7	276.6	294.0	308.2	320.1	331.9	343.3	355.1	367.5	380.9
32.5°	243.2	265.7	285.9	301.8	315.2	327.1	339.3	353.0	367.1	381.3	397.6
30°	250.7	273.8	294.1	309.1	321.4	333.3	347.7	363.4	379.9	396.2	415.3
27.5°	257.2	281.5	300.4	314.9	326.9	338.4	354.5	374.8	392.7	410.1	431.1
25°	263.2	287.6	306.2	319.7	331.1	343.4	360.1	381.0	403.5	422.5	451.8
22.5°	268.5	293.1	311.5	324.0	334.3	347.6	364.5	385.1	408.3	432.2	472.8
20°	272.9	297.2	316.0	327.7	336.8	350.6	367.0	388.0	413.7	448.3	493.2
17.5°	276.8	301.2	319.3	330.1	339.8	352.9	367.8	389.7	419.6	462.7	512.1
15°	280.2	305.3	322.1	332.2	342.1	355.0	371.2	394.1	428.5	476.1	529.4
12.5°	283.0	309.1	324.5	333.8	343.6	356.6	374.9	401.0	439.1	489.5	548.4
10°	285.1	312.6	326.3	335.1	344.5	357.7	378.0	406.4	448.0	501.9	565.2
7.5°	287.1	315.4	327.8	336.1	344.6	358.2	380.6	410.3	454.4	512.1	579.4
5°	288.6	317.3	329.2	336.7	344.5	358.4	382.5	412.7	458.5	519.9	590.0
2.5°	289.6	318.3	330.3	337.1	344.1	358.4	384.0	416.7	463.4	525.6	596.4
0°	289.9	318.7	331.1	337.2	343.4	357.8	384.5	419.5	466.8	528.5	598.4
-2.5°	289.6	318.3	330.3	337.1	344.1	358.4	384.0	416.7	463.4	525.6	596.4
-5°	288.6	317.3	329.2	336.7	344.5	358.4	382.5	412.7	458.5	519.9	590.0
-7.5°	287.1	315.4	327.8	336.1	344.6	358.2	380.6	410.3	454.4	512.1	579.4
-10°	285.1	312.6	326.3	335.1	344.5	357.7	378.0	406.4	448.0	501.9	565.2
-12.5°	283.0	309.1	324.5	333.8	343.6	356.6	374.9	401.0	439.1	489.5	548.4
-15°	280.2	305.3	322.1	332.2	342.1	355.0	371.2	394.1	428.5	476.1	529.4
-17.5°	276.8	301.2	319.3	330.1	339.8	352.9	367.8	389.7	419.6	462.7	512.1
-20°	272.9	297.2	316.0	327.7	336.8	350.6	367.0	388.0	413.7	448.3	493.2



REPORT NUMBER: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	268.5	293.1	311.5	324.0	334.3	347.6	364.5	385.1	408.3	432.2	472.8
-25°	263.2	287.6	306.2	319.7	331.1	343.4	360.1	381.0	403.5	422.5	451.8
-27.5°	257.2	281.5	300.4	314.9	326.9	338.4	354.5	374.8	392.7	410.1	431.1
-30°	250.7	273.8	294.1	309.1	321.4	333.3	347.7	363.4	379.9	396.2	415.3
-32.5°	243.2	265.7	285.9	301.8	315.2	327.1	339.3	353.0	367.1	381.3	397.6
-35°	234.8	256.7	276.6	294.0	308.2	320.1	331.9	343.3	355.1	367.5	380.9
-37.5°	225.7	247.3	267.1	284.7	299.2	312.8	324.3	334.7	345.0	354.8	366.3
-40°	216.3	237.7	256.7	274.1	290.6	304.4	316.1	326.7	335.8	344.7	353.2
-42.5°	206.6	227.0	245.9	263.5	280.3	295.0	307.4	317.8	327.1	335.0	342.8
-45°	196.4	216.0	234.7	252.3	269.4	284.7	297.3	308.4	317.5	325.5	332.6
-47.5°	185.8	204.6	222.6	240.6	257.4	272.8	286.6	297.6	307.5	315.5	322.5
-50°	174.5	192.3	210.5	227.8	244.5	260.0	274.0	285.7	295.7	304.7	312.2
-52.5°	162.6	179.6	197.2	214.4	230.5	245.8	259.7	271.8	282.4	292.1	300.1
-55°	150.5	166.6	183.4	199.9	215.7	230.4	243.8	255.8	267.5	276.9	286.0
-57.5°	138.2	153.4	169.1	184.7	199.7	214.2	226.6	238.6	249.5	259.9	269.4
-60°	125.7	139.9	154.2	168.7	183.1	196.4	208.6	219.9	230.6	240.8	249.9
-62.5°	112.9	126.1	139.1	152.1	165.3	178.0	189.3	200.2	210.6	219.8	228.6
-65°	99.8	111.9	123.9	135.6	146.9	158.5	169.4	179.6	189.1	197.7	205.8
-67.5°	86.5	97.3	108.2	119.0	129.2	138.9	148.9	158.4	167.2	174.8	182.0
-70°	73.8	82.5	91.9	101.4	110.7	119.1	127.5	136.0	144.5	151.8	158.1
-72.5°	61.0	68.7	76.2	83.5	91.5	99.0	106.1	112.7	119.5	126.4	132.7
-75°	49.7	54.9	61.2	67.4	73.5	79.4	85.2	91.1	96.7	102.0	107.2
-77.5°	39.3	43.4	47.6	51.9	56.3	61.2	66.0	70.5	74.8	78.9	82.9
-80°	29.2	31.8	34.8	37.9	41.1	44.3	47.5	50.7	53.6	56.3	59.1
-82.5°	20.0	22.0	23.9	25.6	27.2	28.5	30.0	32.0	34.6	37.1	39.2
-85°	11.3	12.3	13.7	15.0	16.2	17.3	18.3	19.1	20.3	21.6	22.8
-87.5°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
-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: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	10.0	9.8	9.6	9.3	10.0	10.6	11.3	11.9	12.0	12.1
85°	24.1	24.8	25.6	26.3	27.0	27.7	28.4	29.0	29.5	30.4	31.2
82.5°	41.1	42.8	44.3	45.8	47.1	48.6	50.2	51.6	52.9	53.8	54.4
80°	61.9	64.7	67.2	69.5	71.5	73.9	76.2	78.4	80.3	81.5	82.5
77.5°	86.9	90.4	93.6	96.7	99.6	102.4	104.7	106.7	108.2	110.0	111.8
75°	112.0	116.6	121.0	124.9	128.4	131.5	134.3	136.8	139.1	141.3	143.0
72.5°	138.5	143.8	148.5	152.8	156.9	160.9	164.6	167.9	170.8	173.3	175.3
70°	164.1	169.8	175.5	180.9	185.8	190.2	194.3	197.8	201.0	203.6	205.8
67.5°	188.8	195.3	201.7	207.8	213.1	217.9	222.4	226.6	230.5	233.4	235.4
65°	213.4	220.6	227.5	233.8	239.2	244.1	249.3	253.7	257.5	260.3	262.2
62.5°	237.3	245.1	251.8	258.2	264.4	269.6	273.9	278.0	281.8	284.8	286.8
60°	258.5	266.7	273.3	279.3	284.9	290.0	294.3	298.6	302.6	306.2	308.9
57.5°	277.4	284.9	291.6	297.0	302.0	306.6	310.9	314.4	317.2	319.3	321.2
55°	293.8	300.5	306.8	312.1	316.5	320.2	323.4	325.9	327.8	329.2	330.3
52.5°	307.7	314.0	320.2	325.4	328.8	331.9	334.6	337.6	339.3	339.6	339.4
50°	319.0	325.6	331.2	335.9	340.5	345.7	351.1	353.8	354.8	354.1	353.2
47.5°	329.3	335.8	341.9	347.7	354.4	363.1	371.9	376.1	375.7	373.8	372.9
45°	339.5	346.5	353.7	362.5	372.0	383.2	393.5	399.9	399.9	400.2	401.7
42.5°	350.0	358.8	368.6	380.7	393.0	405.5	416.5	424.5	430.5	437.8	443.9
40°	363.0	372.8	387.5	402.4	418.4	431.8	448.8	463.3	475.3	486.2	494.5
37.5°	378.3	392.3	410.9	430.1	450.8	471.7	491.6	510.1	525.9	543.9	557.3
35°	396.6	416.6	439.1	463.2	489.0	515.6	541.1	570.6	596.5	619.6	638.5
32.5°	418.0	442.1	469.7	501.7	534.0	569.1	605.8	643.6	680.1	718.1	756.1
30°	439.4	471.2	506.6	545.3	583.3	629.1	676.9	738.8	803.8	877.8	991.6
27.5°	465.6	503.6	544.7	589.3	641.5	700.1	792.1	906.7	1102.1	1248.0	1640.3
25°	491.2	534.5	587.4	645.2	715.3	822.5	1042.5	1296.9	1863.6	2394.0	3006.9
22.5°	517.1	571.2	634.5	705.0	826.9	1102.8	1521.7	2288.9	3164.3	4093.4	5039.7
20°	543.3	607.0	686.2	804.0	1059.3	1531.3	2471.6	3704.3	4948.2	6467.6	7781.6
17.5°	572.7	651.7	755.3	932.4	1353.0	2364.4	3755.3	5465.8	7390.5	9344.0	10984.1
15°	597.0	689.5	828.2	1174.6	1968.5	3310.3	5130.5	7449.2	10073.6	12543.1	14649.6
12.5°	623.9	731.5	914.0	1371.0	2536.4	4300.6	6699.3	9552.7	12701.1	16084.9	21442.5
10°	648.6	773.8	1057.8	1778.9	3191.1	5301.2	8104.2	11319.3	15137.6	21912.4	34577.1
7.5°	669.5	807.3	1165.9	2082.9	3783.6	6245.2	9249.6	12829.9	18570.5	29952.5	51264.1
5°	683.7	829.6	1241.1	2310.5	4255.6	6941.6	9981.8	13824.6	22072.9	39780.7	65441.9
2.5°	693.7	841.6	1281.2	2443.1	4554.2	7402.6	10500.5	14494.0	24424.3	45465.5	75530.7
0°	701.2	845.1	1289.3	2558.0	4655.4	7558.9	10526.1	14673.6	25230.5	47685.1	79125.6
-2.5°	693.7	841.6	1281.2	2443.1	4554.2	7402.6	10500.5	14494.0	24424.3	45465.5	75530.7
-5°	683.7	829.6	1241.1	2310.5	4255.6	6941.6	9981.8	13824.6	22072.9	39780.7	65441.9
-7.5°	669.5	807.3	1165.9	2082.9	3783.6	6245.2	9249.6	12829.9	18570.5	29952.5	51264.1
-10°	648.6	773.8	1057.8	1778.9	3191.1	5301.2	8104.2	11319.3	15137.6	21912.4	34577.1
-12.5°	623.9	731.5	914.0	1371.0	2536.4	4300.6	6699.3	9552.7	12701.1	16084.9	21442.5
-15°	597.0	689.5	828.2	1174.6	1968.5	3310.3	5130.5	7449.2	10073.6	12543.1	14649.6
-17.5°	572.7	651.7	755.3	932.4	1353.0	2364.4	3755.3	5465.8	7390.5	9344.0	10984.1
-20°	543.3	607.0	686.2	804.0	1059.3	1531.3	2471.6	3704.3	4948.2	6467.6	7781.6



REPORT NUMBER: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	517.1	571.2	634.5	705.0	826.9	1102.8	1521.7	2288.9	3164.3	4093.4	5039.7
-25°	491.2	534.5	587.4	645.2	715.3	822.5	1042.5	1296.9	1863.6	2394.0	3006.9
-27.5°	465.6	503.6	544.7	589.3	641.5	700.1	792.1	906.7	1102.1	1248.0	1640.3
-30°	439.4	471.2	506.6	545.3	583.3	629.1	676.9	738.8	803.8	877.8	991.6
-32.5°	418.0	442.1	469.7	501.7	534.0	569.1	605.8	643.6	680.1	718.1	756.1
-35°	396.6	416.6	439.1	463.2	489.0	515.6	541.1	570.6	596.5	619.6	638.5
-37.5°	378.3	392.3	410.9	430.1	450.8	471.7	491.6	510.1	525.9	543.9	557.3
-40°	363.0	372.8	387.5	402.4	418.4	431.8	448.8	463.3	475.3	486.2	494.5
-42.5°	350.0	358.8	368.6	380.7	393.0	405.5	416.5	424.5	430.5	437.8	443.9
-45°	339.5	346.5	353.7	362.5	372.0	383.2	393.5	399.9	399.9	400.2	401.7
-47.5°	329.3	335.8	341.9	347.7	354.4	363.1	371.9	376.1	375.7	373.8	372.9
-50°	319.0	325.6	331.2	335.9	340.5	345.7	351.1	353.8	354.8	354.1	353.2
-52.5°	307.7	314.0	320.2	325.4	328.8	331.9	334.6	337.6	339.3	339.6	339.4
-55°	293.8	300.5	306.8	312.1	316.5	320.2	323.4	325.9	327.8	329.2	330.3
-57.5°	277.4	284.9	291.6	297.0	302.0	306.6	310.9	314.4	317.2	319.3	321.2
-60°	258.5	266.7	273.3	279.3	284.9	290.0	294.3	298.6	302.6	306.2	308.9
-62.5°	237.3	245.1	251.8	258.2	264.4	269.6	273.9	278.0	281.8	284.8	286.8
-65°	213.4	220.6	227.5	233.8	239.2	244.1	249.3	253.7	257.5	260.3	262.2
-67.5°	188.8	195.3	201.7	207.8	213.1	217.9	222.4	226.6	230.5	233.4	235.4
-70°	164.1	169.8	175.5	180.9	185.8	190.2	194.3	197.8	201.0	203.6	205.8
-72.5°	138.5	143.8	148.5	152.8	156.9	160.9	164.6	167.9	170.8	173.3	175.3
-75°	112.0	116.6	121.0	124.9	128.4	131.5	134.3	136.8	139.1	141.3	143.0
-77.5°	86.9	90.4	93.6	96.7	99.6	102.4	104.7	106.7	108.2	110.0	111.8
-80°	61.9	64.7	67.2	69.5	71.5	73.9	76.2	78.4	80.3	81.5	82.5
-82.5°	41.1	42.8	44.3	45.8	47.1	48.6	50.2	51.6	52.9	53.8	54.4
-85°	24.1	24.8	25.6	26.3	27.0	27.7	28.4	29.0	29.5	30.4	31.2
-87.5°	10.1	10.0	9.8	9.6	9.3	10.0	10.6	11.3	11.9	12.0	12.1
-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: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.3
85°	32.0	32.7	31.8	30.8	31.8	32.7	32.0	31.2	30.4	29.5	29.0
82.5°	54.9	55.2	55.4	55.5	55.4	55.2	54.9	54.4	53.8	52.9	51.6
80°	83.3	83.9	85.2	86.4	85.2	83.9	83.3	82.5	81.5	80.3	78.4
77.5°	113.3	114.6	115.1	115.2	115.1	114.6	113.3	111.8	110.0	108.2	106.7
75°	144.4	145.3	147.8	150.1	147.8	145.3	144.4	143.0	141.3	139.1	136.8
72.5°	176.9	178.0	179.7	181.0	179.7	178.0	176.9	175.3	173.3	170.8	167.9
70°	207.5	208.7	209.5	209.7	209.5	208.7	207.5	205.8	203.6	201.0	197.8
67.5°	236.8	237.5	237.3	236.5	237.3	237.5	236.8	235.4	233.4	230.5	226.6
65°	263.5	264.3	264.1	263.2	264.1	264.3	263.5	262.2	260.3	257.5	253.7
62.5°	288.1	288.9	289.6	289.9	289.6	288.9	288.1	286.8	284.8	281.8	278.0
60°	311.2	313.2	314.3	314.6	314.3	313.2	311.2	308.9	306.2	302.6	298.6
57.5°	322.8	324.1	324.8	324.9	324.8	324.1	322.8	321.2	319.3	317.2	314.4
55°	330.8	330.9	330.2	329.0	330.2	330.9	330.8	330.3	329.2	327.8	325.9
52.5°	338.7	337.6	337.1	337.2	337.1	337.6	338.7	339.4	339.6	339.3	337.6
50°	352.1	350.2	349.4	349.6	349.4	350.2	352.1	353.2	354.1	354.8	353.8
47.5°	374.2	375.0	375.8	376.3	375.8	375.0	374.2	372.9	373.8	375.7	376.1
45°	405.8	408.7	410.5	411.3	410.5	408.7	405.8	401.7	400.2	399.9	399.9
42.5°	450.1	453.6	454.9	454.4	454.9	453.6	450.1	443.9	437.8	430.5	424.5
40°	503.2	510.1	514.1	514.1	514.1	510.1	503.2	494.5	486.2	475.3	463.3
37.5°	569.4	578.7	583.3	581.9	583.3	578.7	569.4	557.3	543.9	525.9	510.1
35°	653.0	662.1	666.0	670.3	666.0	662.1	653.0	638.5	619.6	596.5	570.6
32.5°	786.0	804.7	812.1	801.9	812.1	804.7	786.0	756.1	718.1	680.1	643.6
30°	1068.6	1136.9	1182.5	1205.0	1182.5	1136.9	1068.6	991.6	877.8	803.8	738.8
27.5°	1910.3	2089.0	2164.7	2206.4	2164.7	2089.0	1910.3	1640.3	1248.0	1102.1	906.7
25°	3531.7	3913.0	4132.5	4114.6	4132.5	3913.0	3531.7	3006.9	2394.0	1863.6	1296.9
22.5°	5918.9	6520.5	6881.4	7014.0	6881.4	6520.5	5918.9	5039.7	4093.4	3164.3	2288.9
20°	8878.4	9553.0	9905.7	9958.6	9905.7	9553.0	8878.4	7781.6	6467.6	4948.2	3704.3
17.5°	12274.9	12914.4	13286.1	13281.5	13286.1	12914.4	12274.9	10984.1	9344.0	7390.5	5465.8
15°	17518.5	19993.9	21389.7	21185.8	21389.7	19993.9	17518.5	14649.6	12543.1	10073.6	7449.2
12.5°	28705.3	38592.2	44725.0	46239.5	44725.0	38592.2	28705.3	21442.5	16084.9	12701.1	9552.7
10°	50726.1	65517.5	77330.2	80743.9	77330.2	65517.5	50726.1	34577.1	21912.4	15137.6	11319.3
7.5°	72966.1	90521.2	97745.8	98585.2	97745.8	90521.2	72966.1	51264.1	29952.5	18570.5	12829.9
5°	89753.0	107615.8	109683.4	104489.8	109683.4	107615.8	89753.0	65441.9	39780.7	22072.9	13824.6
2.5°	100833.8	114329.4	116256.7	113461.3	116256.7	114329.4	100833.8	75530.7	45465.5	24424.3	14494.0
0°	103360.9	112544.2	115282.1	115581.4	115282.1	112544.2	103360.9	79125.6	47685.1	25230.5	14673.6
-2.5°	100833.8	114329.4	116256.7	113461.3	116256.7	114329.4	100833.8	75530.7	45465.5	24424.3	14494.0
-5°	89753.0	107615.8	109683.4	104489.8	109683.4	107615.8	89753.0	65441.9	39780.7	22072.9	13824.6
-7.5°	72966.1	90521.2	97745.8	98585.2	97745.8	90521.2	72966.1	51264.1	29952.5	18570.5	12829.9
-10°	50726.1	65517.5	77330.2	80743.9	77330.2	65517.5	50726.1	34577.1	21912.4	15137.6	11319.3
-12.5°	28705.3	38592.2	44725.0	46239.5	44725.0	38592.2	28705.3	21442.5	16084.9	12701.1	9552.7
-15°	17518.5	19993.9	21389.7	21185.8	21389.7	19993.9	17518.5	14649.6	12543.1	10073.6	7449.2
-17.5°	12274.9	12914.4	13286.1	13281.5	13286.1	12914.4	12274.9	10984.1	9344.0	7390.5	5465.8
-20°	8878.4	9553.0	9905.7	9958.6	9905.7	9553.0	8878.4	7781.6	6467.6	4948.2	3704.3



REPORT NUMBER: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5918.9	6520.5	6881.4	7014.0	6881.4	6520.5	5918.9	5039.7	4093.4	3164.3	2288.9
-25°	3531.7	3913.0	4132.5	4114.6	4132.5	3913.0	3531.7	3006.9	2394.0	1863.6	1296.9
-27.5°	1910.3	2089.0	2164.7	2206.4	2164.7	2089.0	1910.3	1640.3	1248.0	1102.1	906.7
-30°	1068.6	1136.9	1182.5	1205.0	1182.5	1136.9	1068.6	991.6	877.8	803.8	738.8
-32.5°	786.0	804.7	812.1	801.9	812.1	804.7	786.0	756.1	718.1	680.1	643.6
-35°	653.0	662.1	666.0	670.3	666.0	662.1	653.0	638.5	619.6	596.5	570.6
-37.5°	569.4	578.7	583.3	581.9	583.3	578.7	569.4	557.3	543.9	525.9	510.1
-40°	503.2	510.1	514.1	514.1	514.1	510.1	503.2	494.5	486.2	475.3	463.3
-42.5°	450.1	453.6	454.9	454.4	454.9	453.6	450.1	443.9	437.8	430.5	424.5
-45°	405.8	408.7	410.5	411.3	410.5	408.7	405.8	401.7	400.2	399.9	399.9
-47.5°	374.2	375.0	375.8	376.3	375.8	375.0	374.2	372.9	373.8	375.7	376.1
-50°	352.1	350.2	349.4	349.6	349.4	350.2	352.1	353.2	354.1	354.8	353.8
-52.5°	338.7	337.6	337.1	337.2	337.1	337.6	338.7	339.4	339.6	339.3	337.6
-55°	330.8	330.9	330.2	329.0	330.2	330.9	330.8	330.3	329.2	327.8	325.9
-57.5°	322.8	324.1	324.8	324.9	324.8	324.1	322.8	321.2	319.3	317.2	314.4
-60°	311.2	313.2	314.3	314.6	314.3	313.2	311.2	308.9	306.2	302.6	298.6
-62.5°	288.1	288.9	289.6	289.9	289.6	288.9	288.1	286.8	284.8	281.8	278.0
-65°	263.5	264.3	264.1	263.2	264.1	264.3	263.5	262.2	260.3	257.5	253.7
-67.5°	236.8	237.5	237.3	236.5	237.3	237.5	236.8	235.4	233.4	230.5	226.6
-70°	207.5	208.7	209.5	209.7	209.5	208.7	207.5	205.8	203.6	201.0	197.8
-72.5°	176.9	178.0	179.7	181.0	179.7	178.0	176.9	175.3	173.3	170.8	167.9
-75°	144.4	145.3	147.8	150.1	147.8	145.3	144.4	143.0	141.3	139.1	136.8
-77.5°	113.3	114.6	115.1	115.2	115.1	114.6	113.3	111.8	110.0	108.2	106.7
-80°	83.3	83.9	85.2	86.4	85.2	83.9	83.3	82.5	81.5	80.3	78.4
-82.5°	54.9	55.2	55.4	55.5	55.4	55.2	54.9	54.4	53.8	52.9	51.6
-85°	32.0	32.7	31.8	30.8	31.8	32.7	32.0	31.2	30.4	29.5	29.0
-87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.3
-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: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	10.0	9.3	9.6	9.8	10.0	10.1	9.8	9.4	9.1	8.7
85°	28.4	27.7	27.0	26.3	25.6	24.8	24.1	22.8	21.6	20.3	19.1
82.5°	50.2	48.6	47.1	45.8	44.3	42.8	41.1	39.2	37.1	34.6	32.0
80°	76.2	73.9	71.5	69.5	67.2	64.7	61.9	59.1	56.3	53.6	50.7
77.5°	104.7	102.4	99.6	96.7	93.6	90.4	86.9	82.9	78.9	74.8	70.5
75°	134.3	131.5	128.4	124.9	121.0	116.6	112.0	107.2	102.0	96.7	91.1
72.5°	164.6	160.9	156.9	152.8	148.5	143.8	138.5	132.7	126.4	119.5	112.7
70°	194.3	190.2	185.8	180.9	175.5	169.8	164.1	158.1	151.8	144.5	136.0
67.5°	222.4	217.9	213.1	207.8	201.7	195.3	188.8	182.0	174.8	167.2	158.4
65°	249.3	244.1	239.2	233.8	227.5	220.6	213.4	205.8	197.7	189.1	179.6
62.5°	273.9	269.6	264.4	258.2	251.8	245.1	237.3	228.6	219.8	210.6	200.2
60°	294.3	290.0	284.9	279.3	273.3	266.7	258.5	249.9	240.8	230.6	219.9
57.5°	310.9	306.6	302.0	297.0	291.6	284.9	277.4	269.4	259.9	249.5	238.6
55°	323.4	320.2	316.5	312.1	306.8	300.5	293.8	286.0	276.9	267.5	255.8
52.5°	334.6	331.9	328.8	325.4	320.2	314.0	307.7	300.1	292.1	282.4	271.8
50°	351.1	345.7	340.5	335.9	331.2	325.6	319.0	312.2	304.7	295.7	285.7
47.5°	371.9	363.1	354.4	347.7	341.9	335.8	329.3	322.5	315.5	307.5	297.6
45°	393.5	383.2	372.0	362.5	353.7	346.5	339.5	332.6	325.5	317.5	308.4
42.5°	416.5	405.5	393.0	380.7	368.6	358.8	350.0	342.8	335.0	327.1	317.8
40°	448.8	431.8	418.4	402.4	387.5	372.8	363.0	353.2	344.7	335.8	326.7
37.5°	491.6	471.7	450.8	430.1	410.9	392.3	378.3	366.3	354.8	345.0	334.7
35°	541.1	515.6	489.0	463.2	439.1	416.6	396.6	380.9	367.5	355.1	343.3
32.5°	605.8	569.1	534.0	501.7	469.7	442.1	418.0	397.6	381.3	367.1	353.0
30°	676.9	629.1	583.3	545.3	506.6	471.2	439.4	415.3	396.2	379.9	363.4
27.5°	792.1	700.1	641.5	589.3	544.7	503.6	465.6	431.1	410.1	392.7	374.8
25°	1042.5	822.5	715.3	645.2	587.4	534.5	491.2	451.8	422.5	403.5	381.0
22.5°	1521.7	1102.8	826.9	705.0	634.5	571.2	517.1	472.8	432.2	408.3	385.1
20°	2471.6	1531.3	1059.3	804.0	686.2	607.0	543.3	493.2	448.3	413.7	388.0
17.5°	3755.3	2364.4	1353.0	932.4	755.3	651.7	572.7	512.1	462.7	419.6	389.7
15°	5130.5	3310.3	1968.5	1174.6	828.2	689.5	597.0	529.4	476.1	428.5	394.1
12.5°	6699.3	4300.6	2536.4	1371.0	914.0	731.5	623.9	548.4	489.5	439.1	401.0
10°	8104.2	5301.2	3191.1	1778.9	1057.8	773.8	648.6	565.2	501.9	448.0	406.4
7.5°	9249.6	6245.2	3783.6	2082.9	1165.9	807.3	669.5	579.4	512.1	454.4	410.3
5°	9981.8	6941.6	4255.6	2310.5	1241.1	829.6	683.7	590.0	519.9	458.5	412.7
2.5°	10500.5	7402.6	4554.2	2443.1	1281.2	841.6	693.7	596.4	525.6	463.4	416.7
0°	10526.1	7558.9	4655.4	2558.0	1289.3	845.1	701.2	598.4	528.5	466.8	419.5
-2.5°	10500.5	7402.6	4554.2	2443.1	1281.2	841.6	693.7	596.4	525.6	463.4	416.7
-5°	9981.8	6941.6	4255.6	2310.5	1241.1	829.6	683.7	590.0	519.9	458.5	412.7
-7.5°	9249.6	6245.2	3783.6	2082.9	1165.9	807.3	669.5	579.4	512.1	454.4	410.3
-10°	8104.2	5301.2	3191.1	1778.9	1057.8	773.8	648.6	565.2	501.9	448.0	406.4
-12.5°	6699.3	4300.6	2536.4	1371.0	914.0	731.5	623.9	548.4	489.5	439.1	401.0
-15°	5130.5	3310.3	1968.5	1174.6	828.2	689.5	597.0	529.4	476.1	428.5	394.1
-17.5°	3755.3	2364.4	1353.0	932.4	755.3	651.7	572.7	512.1	462.7	419.6	389.7
-20°	2471.6	1531.3	1059.3	804.0	686.2	607.0	543.3	493.2	448.3	413.7	388.0



REPORT NUMBER: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1521.7	1102.8	826.9	705.0	634.5	571.2	517.1	472.8	432.2	408.3	385.1
-25°	1042.5	822.5	715.3	645.2	587.4	534.5	491.2	451.8	422.5	403.5	381.0
-27.5°	792.1	700.1	641.5	589.3	544.7	503.6	465.6	431.1	410.1	392.7	374.8
-30°	676.9	629.1	583.3	545.3	506.6	471.2	439.4	415.3	396.2	379.9	363.4
-32.5°	605.8	569.1	534.0	501.7	469.7	442.1	418.0	397.6	381.3	367.1	353.0
-35°	541.1	515.6	489.0	463.2	439.1	416.6	396.6	380.9	367.5	355.1	343.3
-37.5°	491.6	471.7	450.8	430.1	410.9	392.3	378.3	366.3	354.8	345.0	334.7
-40°	448.8	431.8	418.4	402.4	387.5	372.8	363.0	353.2	344.7	335.8	326.7
-42.5°	416.5	405.5	393.0	380.7	368.6	358.8	350.0	342.8	335.0	327.1	317.8
-45°	393.5	383.2	372.0	362.5	353.7	346.5	339.5	332.6	325.5	317.5	308.4
-47.5°	371.9	363.1	354.4	347.7	341.9	335.8	329.3	322.5	315.5	307.5	297.6
-50°	351.1	345.7	340.5	335.9	331.2	325.6	319.0	312.2	304.7	295.7	285.7
-52.5°	334.6	331.9	328.8	325.4	320.2	314.0	307.7	300.1	292.1	282.4	271.8
-55°	323.4	320.2	316.5	312.1	306.8	300.5	293.8	286.0	276.9	267.5	255.8
-57.5°	310.9	306.6	302.0	297.0	291.6	284.9	277.4	269.4	259.9	249.5	238.6
-60°	294.3	290.0	284.9	279.3	273.3	266.7	258.5	249.9	240.8	230.6	219.9
-62.5°	273.9	269.6	264.4	258.2	251.8	245.1	237.3	228.6	219.8	210.6	200.2
-65°	249.3	244.1	239.2	233.8	227.5	220.6	213.4	205.8	197.7	189.1	179.6
-67.5°	222.4	217.9	213.1	207.8	201.7	195.3	188.8	182.0	174.8	167.2	158.4
-70°	194.3	190.2	185.8	180.9	175.5	169.8	164.1	158.1	151.8	144.5	136.0
-72.5°	164.6	160.9	156.9	152.8	148.5	143.8	138.5	132.7	126.4	119.5	112.7
-75°	134.3	131.5	128.4	124.9	121.0	116.6	112.0	107.2	102.0	96.7	91.1
-77.5°	104.7	102.4	99.6	96.7	93.6	90.4	86.9	82.9	78.9	74.8	70.5
-80°	76.2	73.9	71.5	69.5	67.2	64.7	61.9	59.1	56.3	53.6	50.7
-82.5°	50.2	48.6	47.1	45.8	44.3	42.8	41.1	39.2	37.1	34.6	32.0
-85°	28.4	27.7	27.0	26.3	25.6	24.8	24.1	22.8	21.6	20.3	19.1
-87.5°	10.6	10.0	9.3	9.6	9.8	10.0	10.1	9.8	9.4	9.1	8.7
-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: P558983 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
85°	18.3	17.3	16.2	15.0	13.7	12.3	11.3	10.4	9.4	8.4	7.4
82.5°	30.0	28.5	27.2	25.6	23.9	22.0	20.0	17.7	15.2	12.8	11.1
80°	47.5	44.3	41.1	37.9	34.8	31.8	29.2	26.3	22.8	19.4	16.0
77.5°	66.0	61.2	56.3	51.9	47.6	43.4	39.3	35.0	30.3	25.9	21.6
75°	85.2	79.4	73.5	67.4	61.2	54.9	49.7	44.4	38.6	32.5	27.2
72.5°	106.1	99.0	91.5	83.5	76.2	68.7	61.0	53.7	47.2	40.3	33.0
70°	127.5	119.1	110.7	101.4	91.9	82.5	73.8	64.8	55.7	48.0	39.9
67.5°	148.9	138.9	129.2	119.0	108.2	97.3	86.5	76.3	66.1	55.7	46.8
65°	169.4	158.5	146.9	135.6	123.9	111.9	99.8	87.9	76.3	64.8	53.6
62.5°	189.3	178.0	165.3	152.1	139.1	126.1	112.9	99.8	86.5	73.8	61.0
60°	208.6	196.4	183.1	168.7	154.2	139.9	125.7	111.5	97.0	82.5	68.7
57.5°	226.6	214.2	199.7	184.7	169.1	153.4	138.2	122.9	107.4	91.6	76.2
55°	243.8	230.4	215.7	199.9	183.4	166.6	150.5	134.0	117.4	100.5	83.5
52.5°	259.7	245.8	230.5	214.4	197.2	179.6	162.6	144.9	127.2	109.2	91.1
50°	274.0	260.0	244.5	227.8	210.5	192.3	174.5	155.7	136.6	117.7	98.6
47.5°	286.6	272.8	257.4	240.6	222.6	204.6	185.8	166.4	145.8	125.8	105.8
45°	297.3	284.7	269.4	252.3	234.7	216.0	196.4	176.8	155.1	133.7	112.9
42.5°	307.4	295.0	280.3	263.5	245.9	227.0	206.6	186.1	164.2	141.4	119.6
40°	316.1	304.4	290.6	274.1	256.7	237.7	216.3	194.8	172.9	148.8	126.0
37.5°	324.3	312.8	299.2	284.7	267.1	247.3	225.7	202.9	180.9	156.2	132.1
35°	331.9	320.1	308.2	294.0	276.6	256.7	234.8	210.8	187.8	163.0	137.9
32.5°	339.3	327.1	315.2	301.8	285.9	265.7	243.2	218.4	194.2	169.5	143.3
30°	347.7	333.3	321.4	309.1	294.1	273.8	250.7	225.3	200.3	175.4	148.5
27.5°	354.5	338.4	326.9	314.9	300.4	281.5	257.2	231.6	205.9	180.7	153.3
25°	360.1	343.4	331.1	319.7	306.2	287.6	263.2	237.2	211.1	185.3	157.8
22.5°	364.5	347.6	334.3	324.0	311.5	293.1	268.5	242.1	215.7	189.5	161.8
20°	367.0	350.6	336.8	327.7	316.0	297.2	272.9	246.4	219.7	193.3	165.4
17.5°	367.8	352.9	339.8	330.1	319.3	301.2	276.8	250.2	223.2	196.6	168.6
15°	371.2	355.0	342.1	332.2	322.1	305.3	280.2	253.5	226.1	199.5	171.3
12.5°	374.9	356.6	343.6	333.8	324.5	309.1	283.0	256.2	228.4	202.0	173.6
10°	378.0	357.7	344.5	335.1	326.3	312.6	285.1	258.4	230.9	204.1	175.5
7.5°	380.6	358.2	344.6	336.1	327.8	315.4	287.1	260.0	233.0	205.6	177.0
5°	382.5	358.4	344.5	336.7	329.2	317.3	288.6	261.0	234.6	206.8	178.1
2.5°	384.0	358.4	344.1	337.1	330.3	318.3	289.6	261.3	235.8	207.5	178.7
0°	384.5	357.8	343.4	337.2	331.1	318.7	289.9	261.1	236.5	207.7	178.9
-2.5°	384.0	358.4	344.1	337.1	330.3	318.3	289.6	261.3	235.8	207.5	178.7
-5°	382.5	358.4	344.5	336.7	329.2	317.3	288.6	261.0	234.6	206.8	178.1
-7.5°	380.6	358.2	344.6	336.1	327.8	315.4	287.1	260.0	233.0	205.6	177.0
-10°	378.0	357.7	344.5	335.1	326.3	312.6	285.1	258.4	230.9	204.1	175.5
-12.5°	374.9	356.6	343.6	333.8	324.5	309.1	283.0	256.2	228.4	202.0	173.6
-15°	371.2	355.0	342.1	332.2	322.1	305.3	280.2	253.5	226.1	199.5	171.3
-17.5°	367.8	352.9	339.8	330.1	319.3	301.2	276.8	250.2	223.2	196.6	168.6
-20°	367.0	350.6	336.8	327.7	316.0	297.2	272.9	246.4	219.7	193.3	165.4



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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°	364.5	347.6	334.3	324.0	311.5	293.1	268.5	242.1	215.7	189.5	161.8
-25°	360.1	343.4	331.1	319.7	306.2	287.6	263.2	237.2	211.1	185.3	157.8
-27.5°	354.5	338.4	326.9	314.9	300.4	281.5	257.2	231.6	205.9	180.7	153.3
-30°	347.7	333.3	321.4	309.1	294.1	273.8	250.7	225.3	200.3	175.4	148.5
-32.5°	339.3	327.1	315.2	301.8	285.9	265.7	243.2	218.4	194.2	169.5	143.3
-35°	331.9	320.1	308.2	294.0	276.6	256.7	234.8	210.8	187.8	163.0	137.9
-37.5°	324.3	312.8	299.2	284.7	267.1	247.3	225.7	202.9	180.9	156.2	132.1
-40°	316.1	304.4	290.6	274.1	256.7	237.7	216.3	194.8	172.9	148.8	126.0
-42.5°	307.4	295.0	280.3	263.5	245.9	227.0	206.6	186.1	164.2	141.4	119.6
-45°	297.3	284.7	269.4	252.3	234.7	216.0	196.4	176.8	155.1	133.7	112.9
-47.5°	286.6	272.8	257.4	240.6	222.6	204.6	185.8	166.4	145.8	125.8	105.8
-50°	274.0	260.0	244.5	227.8	210.5	192.3	174.5	155.7	136.6	117.7	98.6
-52.5°	259.7	245.8	230.5	214.4	197.2	179.6	162.6	144.9	127.2	109.2	91.1
-55°	243.8	230.4	215.7	199.9	183.4	166.6	150.5	134.0	117.4	100.5	83.5
-57.5°	226.6	214.2	199.7	184.7	169.1	153.4	138.2	122.9	107.4	91.6	76.2
-60°	208.6	196.4	183.1	168.7	154.2	139.9	125.7	111.5	97.0	82.5	68.7
-62.5°	189.3	178.0	165.3	152.1	139.1	126.1	112.9	99.8	86.5	73.8	61.0
-65°	169.4	158.5	146.9	135.6	123.9	111.9	99.8	87.9	76.3	64.8	53.6
-67.5°	148.9	138.9	129.2	119.0	108.2	97.3	86.5	76.3	66.1	55.7	46.8
-70°	127.5	119.1	110.7	101.4	91.9	82.5	73.8	64.8	55.7	48.0	39.9
-72.5°	106.1	99.0	91.5	83.5	76.2	68.7	61.0	53.7	47.2	40.3	33.0
-75°	85.2	79.4	73.5	67.4	61.2	54.9	49.7	44.4	38.6	32.5	27.2
-77.5°	66.0	61.2	56.3	51.9	47.6	43.4	39.3	35.0	30.3	25.9	21.6
-80°	47.5	44.3	41.1	37.9	34.8	31.8	29.2	26.3	22.8	19.4	16.0
-82.5°	30.0	28.5	27.2	25.6	23.9	22.0	20.0	17.7	15.2	12.8	11.1
-85°	18.3	17.3	16.2	15.0	13.7	12.3	11.3	10.4	9.4	8.4	7.4
-87.5°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
80°	12.9	10.6	8.5	6.4	4.3	2.1	0.0
77.5°	17.6	13.7	10.6	8.0	5.3	2.7	0.0
75°	22.3	17.7	12.9	9.5	6.4	3.2	0.0
72.5°	26.9	21.7	16.2	11.1	7.4	3.7	0.0
70°	31.8	25.7	19.4	12.8	8.4	4.2	0.0
67.5°	37.7	29.6	22.6	15.2	9.4	4.7	0.0
65°	43.6	33.9	25.8	17.7	10.4	5.2	0.0
62.5°	49.3	38.6	28.9	20.0	11.3	5.7	0.0
60°	54.9	43.2	32.0	22.4	12.3	6.1	0.0
57.5°	61.2	47.7	35.5	24.7	13.8	6.6	0.0
55°	67.4	52.0	38.9	26.9	15.3	7.1	0.0
52.5°	73.5	56.3	42.2	29.1	16.8	7.5	0.0
50°	79.4	61.2	45.4	31.2	18.2	7.9	0.0
47.5°	85.2	66.0	48.4	33.3	19.5	8.3	0.0
45°	91.2	70.5	51.4	35.5	20.8	8.7	0.0
42.5°	97.0	74.9	54.2	37.6	22.1	9.1	0.0
40°	102.6	79.0	57.2	39.6	23.2	9.4	0.0
37.5°	108.0	83.0	60.3	41.4	24.4	9.8	0.0
35°	113.1	87.1	63.3	43.2	25.4	10.1	0.0
32.5°	117.9	91.0	66.1	44.8	26.4	10.4	0.0
30°	122.3	94.8	68.7	46.4	27.4	10.7	0.0
27.5°	126.3	98.3	71.3	47.8	28.2	10.9	0.0
25°	130.1	101.5	73.6	49.1	29.0	11.1	0.0
22.5°	133.5	104.5	75.8	50.3	29.8	11.4	0.0
20°	136.6	107.2	77.8	51.4	30.4	11.6	0.0
17.5°	139.3	109.6	79.6	52.3	31.0	11.7	0.0
15°	141.6	111.6	81.2	53.2	31.5	11.9	0.0
12.5°	143.6	113.4	82.6	53.9	31.9	12.0	0.0
10°	145.2	114.8	83.8	54.5	32.3	12.1	0.0
7.5°	146.5	115.8	84.8	54.9	32.5	12.2	0.0
5°	147.4	116.6	85.6	55.2	32.7	12.3	0.0
2.5°	147.9	117.0	86.1	55.4	32.9	12.3	0.0
0°	148.1	117.2	86.4	55.5	32.9	12.3	0.0
-2.5°	147.9	117.0	86.1	55.4	32.9	12.3	0.0
-5°	147.4	116.6	85.6	55.2	32.7	12.3	0.0
-7.5°	146.5	115.8	84.8	54.9	32.5	12.2	0.0
-10°	145.2	114.8	83.8	54.5	32.3	12.1	0.0
-12.5°	143.6	113.4	82.6	53.9	31.9	12.0	0.0
-15°	141.6	111.6	81.2	53.2	31.5	11.9	0.0
-17.5°	139.3	109.6	79.6	52.3	31.0	11.7	0.0
-20°	136.6	107.2	77.8	51.4	30.4	11.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	133.5	104.5	75.8	50.3	29.8	11.4	0.0
-25°	130.1	101.5	73.6	49.1	29.0	11.1	0.0
-27.5°	126.3	98.3	71.3	47.8	28.2	10.9	0.0
-30°	122.3	94.8	68.7	46.4	27.4	10.7	0.0
-32.5°	117.9	91.0	66.1	44.8	26.4	10.4	0.0
-35°	113.1	87.1	63.3	43.2	25.4	10.1	0.0
-37.5°	108.0	83.0	60.3	41.4	24.4	9.8	0.0
-40°	102.6	79.0	57.2	39.6	23.2	9.4	0.0
-42.5°	97.0	74.9	54.2	37.6	22.1	9.1	0.0
-45°	91.2	70.5	51.4	35.5	20.8	8.7	0.0
-47.5°	85.2	66.0	48.4	33.3	19.5	8.3	0.0
-50°	79.4	61.2	45.4	31.2	18.2	7.9	0.0
-52.5°	73.5	56.3	42.2	29.1	16.8	7.5	0.0
-55°	67.4	52.0	38.9	26.9	15.3	7.1	0.0
-57.5°	61.2	47.7	35.5	24.7	13.8	6.6	0.0
-60°	54.9	43.2	32.0	22.4	12.3	6.1	0.0
-62.5°	49.3	38.6	28.9	20.0	11.3	5.7	0.0
-65°	43.6	33.9	25.8	17.7	10.4	5.2	0.0
-67.5°	37.7	29.6	22.6	15.2	9.4	4.7	0.0
-70°	31.8	25.7	19.4	12.8	8.4	4.2	0.0
-72.5°	26.9	21.7	16.2	11.1	7.4	3.7	0.0
-75°	22.3	17.7	12.9	9.5	6.4	3.2	0.0
-77.5°	17.6	13.7	10.6	8.0	5.3	2.7	0.0
-80°	12.9	10.6	8.5	6.4	4.3	2.1	0.0
-82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
-85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
-87.5°	3.2	2.7	2.1	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)