

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: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558912 (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-927-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

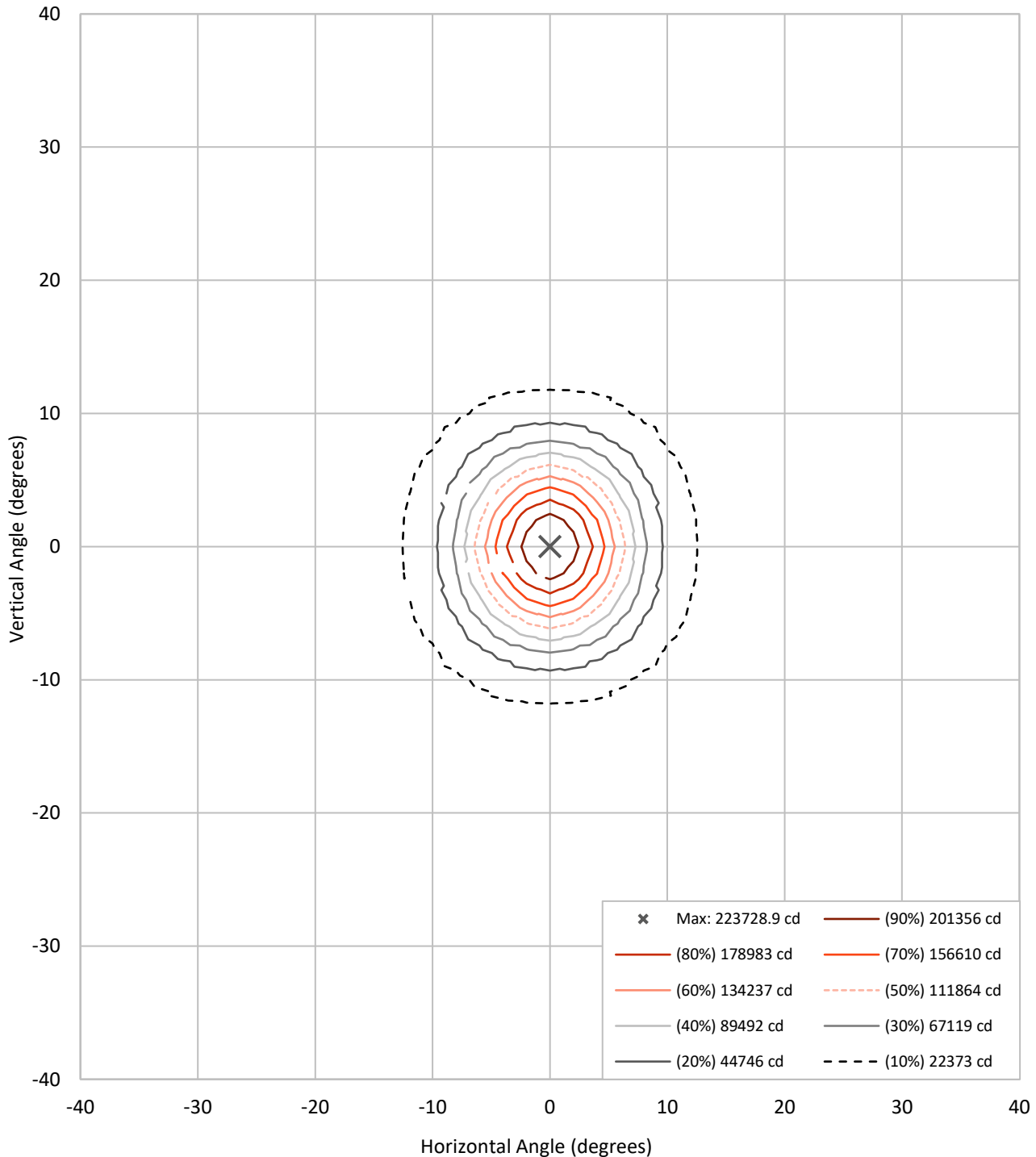
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16217.4 lumens	Max Intensity:	223728.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5124.4 lumens	Field Lumens:	11352.4 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



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





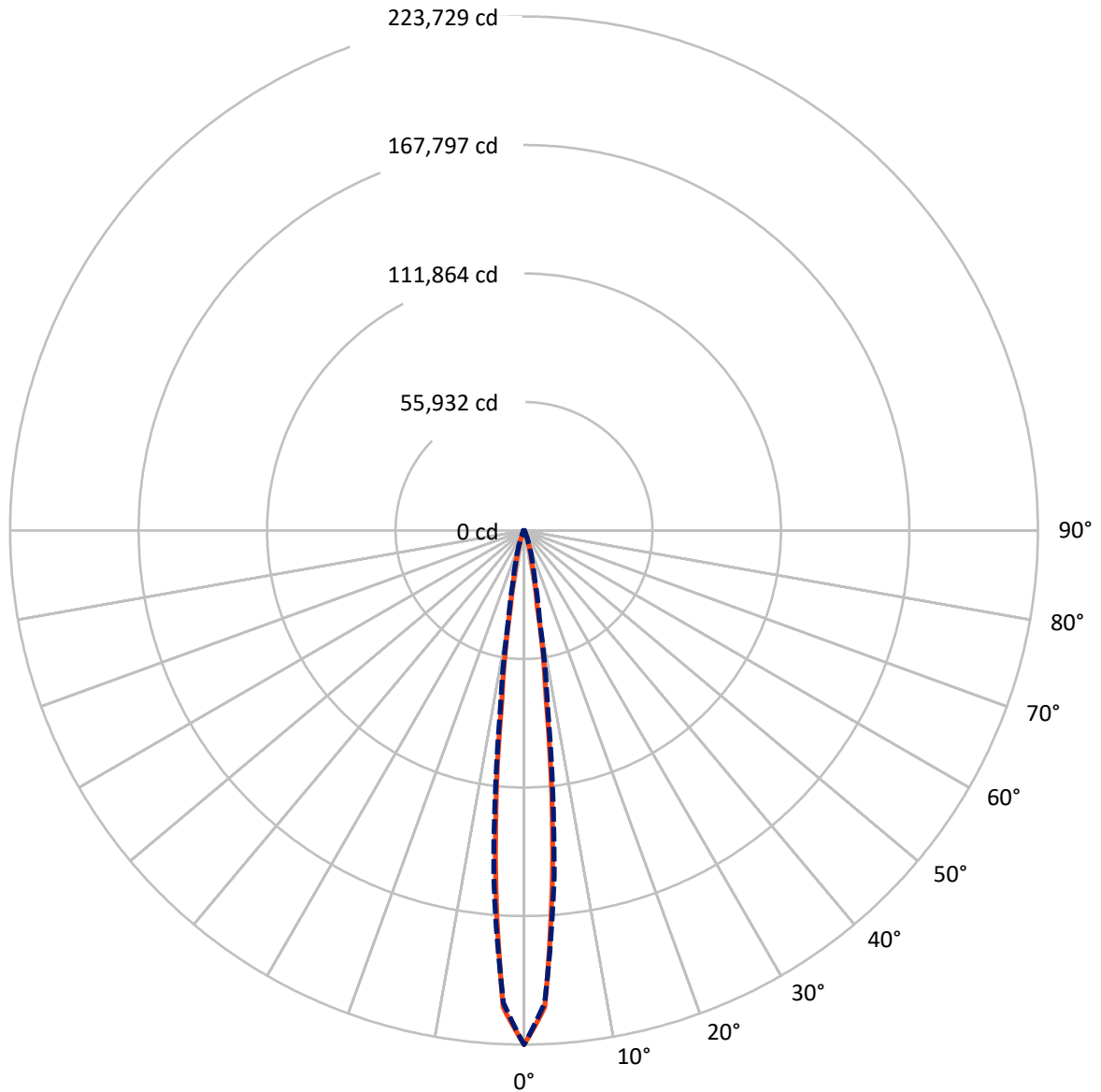
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Lumen Table

90	0.2		1.9		5.2		8.4		9.7		8.4		5.2		1.9		0.2		
80	0.2		1.9		5.2		8.4		9.7		8.4		5.2		1.9		0.2		
70	0.9	1.0	2.1	3.5	4.8	5.8	6.6	7.1	7.1	6.6	5.8	4.8	3.5	2.1	1.0	0.9			
60		1.5	3.1	4.7	6.1	7.3	8.0	8.2	8.2	8.0	7.3	6.1	4.7	3.1	1.5				
50	1.6	2.0	3.9	5.5	6.9	8.1	9.0	9.5	9.5	9.0	8.1	6.9	5.5	3.9	2.0	1.6			
40		2.4	4.3	6.0	7.7	9.9	12.4	14.0	14.0	12.4	9.9	7.7	6.0	4.3	2.4				
30	2.1	2.7	4.6	6.4	9.0	14.0	31.1	56.6	56.6	31.1	14.0	9.0	6.4	4.6	2.7	2.1			
20		2.8	4.7	6.7	10.7	30.1	170.0	374.1	374.1	170.0	30.1	10.7	6.7	4.7	2.8				
10	2.3	2.9	4.7	6.9	11.9	57.8	408.2	2640.8	2640.8	408.2	57.8	11.9	6.9	4.7	2.9	2.3			
0		2.9	4.7	6.9	11.9	57.8	408.2	2640.8	2640.8	408.2	57.8	11.9	6.9	4.7	2.9				
-10	2.1	2.8	4.7	6.7	10.7	30.1	170.0	374.1	374.1	170.0	30.1	10.7	6.7	4.7	2.8	2.1			
-20		2.7	4.6	6.4	9.0	14.0	31.1	56.6	56.6	31.1	14.0	9.0	6.4	4.6	2.7				
-30	1.6	2.4	4.3	6.0	7.7	9.9	12.4	14.0	14.0	12.4	9.9	7.7	6.0	4.3	2.4	1.6			
-40		2.0	3.9	5.5	6.9	8.1	9.0	9.5	9.5	9.0	8.1	6.9	5.5	3.9	2.0				
-50	0.9	1.5	3.1	4.7	6.1	7.3	8.0	8.2	8.2	8.0	7.3	6.1	4.7	3.1	1.5	0.9			
-60		1.0	2.1	3.5	4.8	5.8	6.6	7.1	7.1	6.6	5.8	4.8	3.5	2.1	1.0				
-70	0.2		1.9		5.2		8.4		9.7		8.4		5.2		1.9		0.2		
-80	0.2		1.9		5.2		8.4		9.7		8.4		5.2		1.9		0.2		
-90	0.2		1.9		5.2		8.4		9.7		8.4		5.2		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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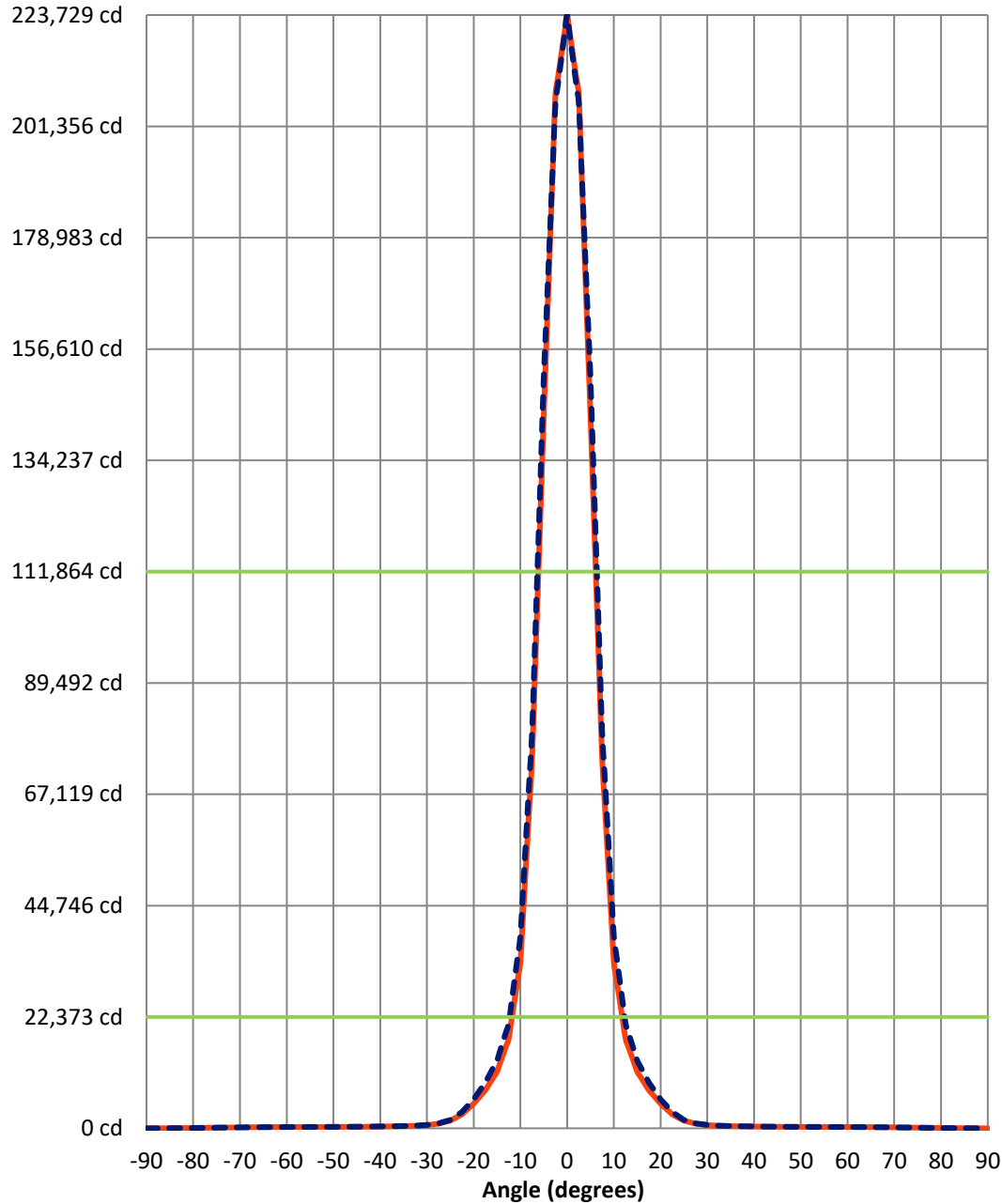
Luminous Intensity Polar Plot



— 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: 5124.4
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 11352.4
 Efficiency: 70.0%

Spill:
 Lumens: 4865
 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	1.0	1.5	2.0	2.4	2.7	3.2	3.6	4.0	4.4
85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.6	3.1	4.5	5.9	7.1	8.1	9.4	10.9	12.9	14.9
80°	0.0	2.1	4.2	6.0	7.8	9.4	11.0	13.5	16.2	19.0	21.8
77.5°	0.0	2.6	5.2	7.5	9.7	12.0	14.8	18.1	21.5	25.0	28.8
75°	0.0	3.1	6.2	9.0	11.8	15.2	18.7	22.6	26.9	31.7	36.3
72.5°	0.0	3.6	7.2	10.5	14.3	18.4	22.5	27.3	33.1	38.6	43.7
70°	0.0	4.1	8.2	12.0	16.8	21.5	26.3	32.8	39.2	45.4	53.9
67.5°	0.0	4.6	9.2	13.9	19.3	24.6	31.1	38.3	45.4	54.7	64.4
65°	0.0	5.1	10.1	15.7	21.7	28.0	35.7	43.7	53.3	63.8	75.0
62.5°	0.0	5.5	11.1	17.5	24.1	31.8	40.3	49.9	61.0	72.9	85.9
60°	0.0	6.0	12.0	19.3	26.4	35.4	44.7	56.3	68.5	82.5	96.6
57.5°	0.0	6.4	13.1	21.0	29.2	39.0	50.0	62.5	76.7	91.9	107.4
55°	0.0	6.9	14.2	22.7	31.9	42.4	55.2	68.6	84.8	101.2	118.1
52.5°	0.0	7.3	15.3	24.3	34.6	45.9	60.3	75.5	92.7	110.6	128.5
50°	0.0	7.7	16.3	25.9	37.1	50.0	65.2	82.3	100.5	119.6	138.9
47.5°	0.0	8.1	17.3	27.4	39.6	54.0	70.1	88.8	108.3	128.4	149.0
45°	0.0	8.5	18.2	29.2	41.9	57.8	75.4	95.0	115.8	137.2	158.8
42.5°	0.0	8.8	19.2	30.9	44.1	61.4	80.5	101.2	123.1	145.7	167.2
40°	0.0	9.2	20.0	32.4	46.6	64.9	85.3	107.2	130.1	153.9	175.0
37.5°	0.0	9.5	20.8	33.9	49.2	68.2	89.8	113.0	136.9	161.3	182.5
35°	0.0	9.8	21.6	35.2	51.7	71.6	94.1	118.4	143.4	167.5	189.2
32.5°	0.0	10.1	22.4	36.5	54.1	75.0	98.2	123.5	149.4	173.4	195.0
30°	0.0	10.4	23.0	37.7	56.3	78.1	102.2	128.3	154.9	178.8	200.4
27.5°	0.0	10.6	23.7	38.7	58.3	80.9	106.0	132.7	159.8	183.8	205.4
25°	0.0	10.9	24.3	39.7	60.1	83.6	109.5	136.8	163.8	188.1	209.9
22.5°	0.0	11.1	24.8	40.6	61.8	85.9	112.6	140.5	167.5	191.8	213.3
20°	0.0	11.3	25.3	41.3	63.3	88.1	115.4	143.8	170.8	195.1	216.4
17.5°	0.0	11.4	25.7	42.0	64.7	90.0	118.0	146.7	173.7	197.9	219.2
15°	0.0	11.6	26.1	42.5	65.9	91.7	120.2	149.1	176.2	200.4	221.6
12.5°	0.0	11.7	26.4	43.0	66.9	93.1	122.1	151.2	178.3	202.4	223.7
10°	0.0	11.8	26.6	43.3	67.8	94.3	123.7	152.8	179.9	204.1	225.4
7.5°	0.0	11.9	26.8	43.6	68.4	95.2	124.9	154.0	181.1	205.3	226.5
5°	0.0	12.0	27.0	43.7	68.9	95.9	125.8	154.8	181.9	206.1	227.2
2.5°	0.0	12.0	27.1	43.8	69.2	96.3	126.3	155.1	182.3	206.4	227.5
0°	0.0	12.0	27.1	43.7	69.3	96.4	126.5	155.1	182.2	206.3	227.4
-2.5°	0.0	12.0	27.1	43.8	69.2	96.3	126.3	155.1	182.3	206.4	227.5
-5°	0.0	12.0	27.0	43.7	68.9	95.9	125.8	154.8	181.9	206.1	227.2
-7.5°	0.0	11.9	26.8	43.6	68.4	95.2	124.9	154.0	181.1	205.3	226.5
-10°	0.0	11.8	26.6	43.3	67.8	94.3	123.7	152.8	179.9	204.1	225.4
-12.5°	0.0	11.7	26.4	43.0	66.9	93.1	122.1	151.2	178.3	202.4	223.7
-15°	0.0	11.6	26.1	42.5	65.9	91.7	120.2	149.1	176.2	200.4	221.6
-17.5°	0.0	11.4	25.7	42.0	64.7	90.0	118.0	146.7	173.7	197.9	219.2
-20°	0.0	11.3	25.3	41.3	63.3	88.1	115.4	143.8	170.8	195.1	216.4



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 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.1	24.8	40.6	61.8	85.9	112.6	140.5	167.5	191.8	213.3
-25°	0.0	10.9	24.3	39.7	60.1	83.6	109.5	136.8	163.8	188.1	209.9
-27.5°	0.0	10.6	23.7	38.7	58.3	80.9	106.0	132.7	159.8	183.8	205.4
-30°	0.0	10.4	23.0	37.7	56.3	78.1	102.2	128.3	154.9	178.8	200.4
-32.5°	0.0	10.1	22.4	36.5	54.1	75.0	98.2	123.5	149.4	173.4	195.0
-35°	0.0	9.8	21.6	35.2	51.7	71.6	94.1	118.4	143.4	167.5	189.2
-37.5°	0.0	9.5	20.8	33.9	49.2	68.2	89.8	113.0	136.9	161.3	182.5
-40°	0.0	9.2	20.0	32.4	46.6	64.9	85.3	107.2	130.1	153.9	175.0
-42.5°	0.0	8.8	19.2	30.9	44.1	61.4	80.5	101.2	123.1	145.7	167.2
-45°	0.0	8.5	18.2	29.2	41.9	57.8	75.4	95.0	115.8	137.2	158.8
-47.5°	0.0	8.1	17.3	27.4	39.6	54.0	70.1	88.8	108.3	128.4	149.0
-50°	0.0	7.7	16.3	25.9	37.1	50.0	65.2	82.3	100.5	119.6	138.9
-52.5°	0.0	7.3	15.3	24.3	34.6	45.9	60.3	75.5	92.7	110.6	128.5
-55°	0.0	6.9	14.2	22.7	31.9	42.4	55.2	68.6	84.8	101.2	118.1
-57.5°	0.0	6.4	13.1	21.0	29.2	39.0	50.0	62.5	76.7	91.9	107.4
-60°	0.0	6.0	12.0	19.3	26.4	35.4	44.7	56.3	68.5	82.5	96.6
-62.5°	0.0	5.5	11.1	17.5	24.1	31.8	40.3	49.9	61.0	72.9	85.9
-65°	0.0	5.1	10.1	15.7	21.7	28.0	35.7	43.7	53.3	63.8	75.0
-67.5°	0.0	4.6	9.2	13.9	19.3	24.6	31.1	38.3	45.4	54.7	64.4
-70°	0.0	4.1	8.2	12.0	16.8	21.5	26.3	32.8	39.2	45.4	53.9
-72.5°	0.0	3.6	7.2	10.5	14.3	18.4	22.5	27.3	33.1	38.6	43.7
-75°	0.0	3.1	6.2	9.0	11.8	15.2	18.7	22.6	26.9	31.7	36.3
-77.5°	0.0	2.6	5.2	7.5	9.7	12.0	14.8	18.1	21.5	25.0	28.8
-80°	0.0	2.1	4.2	6.0	7.8	9.4	11.0	13.5	16.2	19.0	21.8
-82.5°	0.0	1.6	3.1	4.5	5.9	7.1	8.1	9.4	10.9	12.9	14.9
-85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.2	3.6	4.0	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	11.6	12.5	13.4	14.2	14.9	15.5	16.4	17.3	18.2
82.5°	16.6	18.0	19.3	20.3	21.4	22.4	23.5	25.3	27.6	29.8	31.8
80°	23.9	25.6	28.0	30.6	33.4	36.1	38.7	41.2	43.9	46.9	49.9
77.5°	32.1	35.5	39.3	43.3	47.2	51.7	56.3	60.9	65.1	68.7	72.0
75°	40.7	45.3	51.5	57.8	63.7	69.6	75.6	81.4	86.5	91.2	95.9
72.5°	50.6	58.2	65.6	72.9	80.5	87.9	94.8	101.3	107.8	114.3	120.4
70°	62.6	71.2	80.1	89.2	98.1	106.3	114.3	122.5	130.6	137.8	144.3
67.5°	74.4	84.7	95.1	105.3	115.1	124.4	133.9	143.3	152.3	159.9	166.6
65°	86.7	98.2	109.7	120.8	131.4	142.4	153.1	163.5	171.9	178.9	185.7
62.5°	98.7	111.6	124.2	136.4	148.4	160.4	170.7	180.0	188.7	196.3	203.6
60°	110.9	125.0	138.6	152.1	164.8	175.7	186.2	195.6	204.3	212.7	218.8
57.5°	123.0	138.2	153.0	166.8	178.9	190.2	200.3	210.1	217.7	224.4	231.1
55°	134.8	151.2	166.4	179.9	192.2	203.1	213.3	221.5	229.0	235.3	242.0
52.5°	146.4	163.5	178.6	192.2	204.1	214.8	223.8	231.9	239.0	245.5	250.8
50°	157.8	174.5	190.1	203.1	214.9	224.9	233.4	241.2	248.0	253.9	258.8
47.5°	167.9	185.2	199.9	213.2	224.3	233.8	242.1	249.5	256.3	261.5	266.4
45°	177.4	194.4	209.3	221.9	232.9	241.8	249.8	257.6	263.2	268.3	272.1
42.5°	186.4	202.9	217.4	230.5	240.1	248.8	256.9	263.6	269.4	273.9	277.9
40°	194.1	211.1	225.0	236.8	246.8	255.1	262.5	269.2	274.9	279.3	283.7
37.5°	201.3	217.7	231.8	242.9	252.2	260.4	267.7	273.9	279.6	284.3	290.2
35°	208.3	224.0	237.1	247.9	257.0	265.0	272.1	278.4	284.0	290.5	297.3
32.5°	214.2	229.9	242.2	252.0	260.9	269.2	276.1	282.6	289.1	296.4	304.9
30°	219.2	234.4	246.5	255.7	264.6	272.4	279.9	286.9	294.0	302.8	313.8
27.5°	223.7	238.4	249.6	258.9	267.9	275.1	283.1	291.0	299.3	309.5	323.3
25°	227.9	242.1	252.4	261.8	270.2	277.8	286.0	294.1	304.4	317.9	336.0
22.5°	231.4	245.5	254.8	264.5	272.1	280.2	288.5	297.6	309.3	325.6	349.3
20°	234.2	247.6	256.9	266.5	273.7	282.3	290.8	300.7	314.6	335.9	363.4
17.5°	236.7	249.3	258.7	267.7	275.3	284.0	292.8	303.1	319.0	345.5	376.3
15°	238.9	250.8	260.1	268.6	276.7	285.4	294.6	306.4	324.9	354.8	388.0
12.5°	240.9	251.9	261.2	269.3	277.7	286.3	296.1	309.2	331.2	363.5	399.6
10°	242.5	252.8	261.9	269.9	278.5	286.8	297.3	311.0	335.6	368.4	406.5
7.5°	243.5	253.5	262.5	270.1	279.0	287.0	298.1	312.0	338.4	371.0	410.2
5°	244.0	254.0	263.1	270.6	279.5	287.4	298.9	312.1	339.6	371.4	411.6
2.5°	244.2	254.4	263.5	271.0	279.9	288.4	300.3	313.8	340.6	373.3	412.5
0°	244.0	254.5	263.6	271.1	280.1	289.2	301.2	314.8	340.4	375.0	412.7
-2.5°	244.2	254.4	263.5	271.0	279.9	288.4	300.3	313.8	340.6	373.3	412.5
-5°	244.0	254.0	263.1	270.6	279.5	287.4	298.9	312.1	339.6	371.4	411.6
-7.5°	243.5	253.5	262.5	270.1	279.0	287.0	298.1	312.0	338.4	371.0	410.2
-10°	242.5	252.8	261.9	269.9	278.5	286.8	297.3	311.0	335.6	368.4	406.5
-12.5°	240.9	251.9	261.2	269.3	277.7	286.3	296.1	309.2	331.2	363.5	399.6
-15°	238.9	250.8	260.1	268.6	276.7	285.4	294.6	306.4	324.9	354.8	388.0
-17.5°	236.7	249.3	258.7	267.7	275.3	284.0	292.8	303.1	319.0	345.5	376.3
-20°	234.2	247.6	256.9	266.5	273.7	282.3	290.8	300.7	314.6	335.9	363.4



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	231.4	245.5	254.8	264.5	272.1	280.2	288.5	297.6	309.3	325.6	349.3
-25°	227.9	242.1	252.4	261.8	270.2	277.8	286.0	294.1	304.4	317.9	336.0
-27.5°	223.7	238.4	249.6	258.9	267.9	275.1	283.1	291.0	299.3	309.5	323.3
-30°	219.2	234.4	246.5	255.7	264.6	272.4	279.9	286.9	294.0	302.8	313.8
-32.5°	214.2	229.9	242.2	252.0	260.9	269.2	276.1	282.6	289.1	296.4	304.9
-35°	208.3	224.0	237.1	247.9	257.0	265.0	272.1	278.4	284.0	290.5	297.3
-37.5°	201.3	217.7	231.8	242.9	252.2	260.4	267.7	273.9	279.6	284.3	290.2
-40°	194.1	211.1	225.0	236.8	246.8	255.1	262.5	269.2	274.9	279.3	283.7
-42.5°	186.4	202.9	217.4	230.5	240.1	248.8	256.9	263.6	269.4	273.9	277.9
-45°	177.4	194.4	209.3	221.9	232.9	241.8	249.8	257.6	263.2	268.3	272.1
-47.5°	167.9	185.2	199.9	213.2	224.3	233.8	242.1	249.5	256.3	261.5	266.4
-50°	157.8	174.5	190.1	203.1	214.9	224.9	233.4	241.2	248.0	253.9	258.8
-52.5°	146.4	163.5	178.6	192.2	204.1	214.8	223.8	231.9	239.0	245.5	250.8
-55°	134.8	151.2	166.4	179.9	192.2	203.1	213.3	221.5	229.0	235.3	242.0
-57.5°	123.0	138.2	153.0	166.8	178.9	190.2	200.3	210.1	217.7	224.4	231.1
-60°	110.9	125.0	138.6	152.1	164.8	175.7	186.2	195.6	204.3	212.7	218.8
-62.5°	98.7	111.6	124.2	136.4	148.4	160.4	170.7	180.0	188.7	196.3	203.6
-65°	86.7	98.2	109.7	120.8	131.4	142.4	153.1	163.5	171.9	178.9	185.7
-67.5°	74.4	84.7	95.1	105.3	115.1	124.4	133.9	143.3	152.3	159.9	166.6
-70°	62.6	71.2	80.1	89.2	98.1	106.3	114.3	122.5	130.6	137.8	144.3
-72.5°	50.6	58.2	65.6	72.9	80.5	87.9	94.8	101.3	107.8	114.3	120.4
-75°	40.7	45.3	51.5	57.8	63.7	69.6	75.6	81.4	86.5	91.2	95.9
-77.5°	32.1	35.5	39.3	43.3	47.2	51.7	56.3	60.9	65.1	68.7	72.0
-80°	23.9	25.6	28.0	30.6	33.4	36.1	38.7	41.2	43.9	46.9	49.9
-82.5°	16.6	18.0	19.3	20.3	21.4	22.4	23.5	25.3	27.6	29.8	31.8
-85°	9.7	10.5	11.6	12.5	13.4	14.2	14.9	15.5	16.4	17.3	18.2
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
85°	19.2	20.0	20.8	21.6	22.5	23.1	23.6	24.1	24.5	24.8	25.1
82.5°	33.7	35.4	37.0	38.4	39.7	40.7	41.6	42.5	43.2	43.8	44.3
80°	52.6	55.2	57.7	59.9	62.1	63.7	65.2	66.4	67.3	68.3	69.2
77.5°	75.2	78.8	82.2	85.4	88.1	90.5	92.5	94.3	95.7	97.6	99.2
75°	100.6	105.0	109.0	112.7	116.0	119.0	121.7	124.0	126.0	127.9	129.6
72.5°	126.2	131.5	136.1	140.0	143.5	146.9	150.3	153.5	156.4	158.5	160.1
70°	150.3	155.7	160.6	165.1	169.2	173.5	177.8	181.9	185.5	187.9	189.3
67.5°	172.3	177.8	183.4	188.9	193.9	198.3	202.7	206.7	210.3	212.7	214.2
65°	192.2	198.3	204.3	210.0	215.2	219.0	223.0	226.8	230.3	233.1	235.2
62.5°	210.8	216.8	221.9	226.7	231.2	235.0	238.9	242.3	245.4	248.0	250.5
60°	225.0	231.1	236.1	240.5	244.7	248.5	251.6	254.2	256.2	257.9	259.5
57.5°	237.2	243.0	248.1	251.8	255.5	259.1	261.7	263.4	264.6	265.5	266.2
55°	247.7	252.4	256.7	260.7	264.3	267.5	269.8	270.8	271.5	271.9	272.2
52.5°	256.2	260.8	265.1	268.9	271.7	274.4	276.7	277.3	277.7	277.8	277.9
50°	263.9	268.4	271.8	275.0	277.9	280.4	282.4	283.3	283.8	283.9	283.6
47.5°	270.1	273.9	277.7	281.1	284.1	286.9	289.1	290.3	291.3	291.7	291.6
45°	275.6	280.1	284.1	288.0	291.5	295.1	298.1	300.2	302.4	303.8	304.5
42.5°	282.1	286.6	291.0	296.4	301.4	306.0	311.2	315.7	320.4	325.4	328.8
40°	288.7	293.5	300.3	306.8	314.1	320.7	331.5	342.2	350.4	357.4	363.7
37.5°	296.2	303.2	311.4	319.8	331.7	344.0	357.6	371.0	382.6	393.1	401.5
35°	304.8	314.3	324.4	339.2	354.4	369.6	385.9	403.6	418.6	429.6	437.5
32.5°	315.4	327.4	343.5	362.5	381.1	400.8	420.4	440.2	455.0	470.3	485.7
30°	327.1	344.4	365.3	388.4	411.6	435.1	459.7	487.2	513.2	541.3	581.4
27.5°	342.0	363.2	387.7	415.0	442.9	470.9	513.9	561.0	630.9	686.7	781.4
25°	358.0	382.8	411.9	443.6	477.7	527.9	606.5	699.4	864.1	991.7	1185.4
22.5°	375.8	404.9	437.1	473.5	528.5	623.3	757.7	996.3	1328.3	1656.1	2020.7
20°	393.3	425.5	460.9	515.9	609.4	759.2	1050.4	1566.2	2142.3	2962.5	3651.0
17.5°	410.0	444.2	489.0	563.5	703.4	1004.8	1568.7	2452.2	3655.4	4977.6	6080.2
15°	424.5	459.5	519.9	637.9	874.3	1343.6	2195.2	3698.8	5720.5	7530.8	9145.4
12.5°	436.9	478.3	553.4	698.0	1022.7	1717.4	3083.3	5218.5	7687.3	10226.1	12269.5
10°	445.9	498.3	598.2	809.1	1258.4	2162.2	3823.6	6516.9	9489.5	12575.2	16269.0
7.5°	451.3	512.6	632.2	891.6	1468.7	2657.5	4752.2	7676.3	11089.8	15302.1	20945.8
5°	455.2	522.2	657.3	953.7	1609.2	2984.9	5338.5	8554.6	12470.5	18561.3	30176.4
2.5°	457.1	526.5	671.6	987.8	1673.2	3153.2	5751.2	9057.5	13310.7	20860.6	36570.8
0°	456.4	524.1	673.3	995.6	1682.4	3281.9	5819.8	9201.1	13594.6	21066.6	38620.8
-2.5°	457.1	526.5	671.6	987.8	1673.2	3153.2	5751.2	9057.5	13310.7	20860.6	36570.8
-5°	455.2	522.2	657.3	953.7	1609.2	2984.9	5338.5	8554.6	12470.5	18561.3	30176.4
-7.5°	451.3	512.6	632.2	891.6	1468.7	2657.5	4752.2	7676.3	11089.8	15302.1	20945.8
-10°	445.9	498.3	598.2	809.1	1258.4	2162.2	3823.6	6516.9	9489.5	12575.2	16269.0
-12.5°	436.9	478.3	553.4	698.0	1022.7	1717.4	3083.3	5218.5	7687.3	10226.1	12269.5
-15°	424.5	459.5	519.9	637.9	874.3	1343.6	2195.2	3698.8	5720.5	7530.8	9145.4
-17.5°	410.0	444.2	489.0	563.5	703.4	1004.8	1568.7	2452.2	3655.4	4977.6	6080.2
-20°	393.3	425.5	460.9	515.9	609.4	759.2	1050.4	1566.2	2142.3	2962.5	3651.0



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	375.8	404.9	437.1	473.5	528.5	623.3	757.7	996.3	1328.3	1656.1	2020.7
-25°	358.0	382.8	411.9	443.6	477.7	527.9	606.5	699.4	864.1	991.7	1185.4
-27.5°	342.0	363.2	387.7	415.0	442.9	470.9	513.9	561.0	630.9	686.7	781.4
-30°	327.1	344.4	365.3	388.4	411.6	435.1	459.7	487.2	513.2	541.3	581.4
-32.5°	315.4	327.4	343.5	362.5	381.1	400.8	420.4	440.2	455.0	470.3	485.7
-35°	304.8	314.3	324.4	339.2	354.4	369.6	385.9	403.6	418.6	429.6	437.5
-37.5°	296.2	303.2	311.4	319.8	331.7	344.0	357.6	371.0	382.6	393.1	401.5
-40°	288.7	293.5	300.3	306.8	314.1	320.7	331.5	342.2	350.4	357.4	363.7
-42.5°	282.1	286.6	291.0	296.4	301.4	306.0	311.2	315.7	320.4	325.4	328.8
-45°	275.6	280.1	284.1	288.0	291.5	295.1	298.1	300.2	302.4	303.8	304.5
-47.5°	270.1	273.9	277.7	281.1	284.1	286.9	289.1	290.3	291.3	291.7	291.6
-50°	263.9	268.4	271.8	275.0	277.9	280.4	282.4	283.3	283.8	283.9	283.6
-52.5°	256.2	260.8	265.1	268.9	271.7	274.4	276.7	277.3	277.7	277.8	277.9
-55°	247.7	252.4	256.7	260.7	264.3	267.5	269.8	270.8	271.5	271.9	272.2
-57.5°	237.2	243.0	248.1	251.8	255.5	259.1	261.7	263.4	264.6	265.5	266.2
-60°	225.0	231.1	236.1	240.5	244.7	248.5	251.6	254.2	256.2	257.9	259.5
-62.5°	210.8	216.8	221.9	226.7	231.2	235.0	238.9	242.3	245.4	248.0	250.5
-65°	192.2	198.3	204.3	210.0	215.2	219.0	223.0	226.8	230.3	233.1	235.2
-67.5°	172.3	177.8	183.4	188.9	193.9	198.3	202.7	206.7	210.3	212.7	214.2
-70°	150.3	155.7	160.6	165.1	169.2	173.5	177.8	181.9	185.5	187.9	189.3
-72.5°	126.2	131.5	136.1	140.0	143.5	146.9	150.3	153.5	156.4	158.5	160.1
-75°	100.6	105.0	109.0	112.7	116.0	119.0	121.7	124.0	126.0	127.9	129.6
-77.5°	75.2	78.8	82.2	85.4	88.1	90.5	92.5	94.3	95.7	97.6	99.2
-80°	52.6	55.2	57.7	59.9	62.1	63.7	65.2	66.4	67.3	68.3	69.2
-82.5°	33.7	35.4	37.0	38.4	39.7	40.7	41.6	42.5	43.2	43.8	44.3
-85°	19.2	20.0	20.8	21.6	22.5	23.1	23.6	24.1	24.5	24.8	25.1
-87.5°	8.6	8.5	8.4	8.3	8.2	8.3	8.5	8.6	8.7	8.8	8.9
-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: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6
85°	25.3	25.5	25.6	25.6	25.6	25.5	25.3	25.1	24.8	24.5	24.1
82.5°	44.7	45.0	45.1	45.2	45.1	45.0	44.7	44.3	43.8	43.2	42.5
80°	69.9	70.4	70.7	70.8	70.7	70.4	69.9	69.2	68.3	67.3	66.4
77.5°	100.6	101.8	102.2	102.4	102.2	101.8	100.6	99.2	97.6	95.7	94.3
75°	130.9	131.8	132.3	132.5	132.3	131.8	130.9	129.6	127.9	126.0	124.0
72.5°	161.2	161.9	163.2	164.2	163.2	161.9	161.2	160.1	158.5	156.4	153.5
70°	190.1	190.5	191.8	192.8	191.8	190.5	190.1	189.3	187.9	185.5	181.9
67.5°	215.3	216.0	216.0	215.4	216.0	216.0	215.3	214.2	212.7	210.3	206.7
65°	237.0	238.5	238.6	238.0	238.6	238.5	237.0	235.2	233.1	230.3	226.8
62.5°	252.9	255.0	255.8	256.0	255.8	255.0	252.9	250.5	248.0	245.4	242.3
60°	260.7	261.7	262.0	262.1	262.0	261.7	260.7	259.5	257.9	256.2	254.2
57.5°	266.5	266.5	266.5	266.6	266.5	266.5	266.5	266.2	265.5	264.6	263.4
55°	272.4	272.4	271.9	271.1	271.9	272.4	272.4	272.2	271.9	271.5	270.8
52.5°	277.7	277.2	276.5	275.6	276.5	277.2	277.7	277.9	277.8	277.7	277.3
50°	283.0	282.0	281.6	281.7	281.6	282.0	283.0	283.6	283.9	283.8	283.3
47.5°	291.4	290.8	290.5	290.7	290.5	290.8	291.4	291.6	291.7	291.3	290.3
45°	304.8	304.2	303.9	304.2	303.9	304.2	304.8	304.5	303.8	302.4	300.2
42.5°	330.7	330.9	330.8	331.4	330.8	330.9	330.7	328.8	325.4	320.4	315.7
40°	366.2	366.0	364.8	364.5	364.8	366.0	366.2	363.7	357.4	350.4	342.2
37.5°	405.0	405.1	403.8	403.6	403.8	405.1	405.0	401.5	393.1	382.6	371.0
35°	441.6	443.0	442.7	441.3	442.7	443.0	441.6	437.5	429.6	418.6	403.6
32.5°	496.6	505.0	509.5	507.6	509.5	505.0	496.6	485.7	470.3	455.0	440.2
30°	606.6	628.2	639.6	644.6	639.6	628.2	606.6	581.4	541.3	513.2	487.2
27.5°	849.2	897.0	918.6	926.3	918.6	897.0	849.2	781.4	686.7	630.9	561.0
25°	1354.6	1462.8	1516.1	1533.3	1516.1	1462.8	1354.6	1185.4	991.7	864.1	699.4
22.5°	2422.3	2630.5	2772.9	2804.5	2772.9	2630.5	2422.3	2020.7	1656.1	1328.3	996.3
20°	4343.1	4745.9	4964.4	4944.7	4964.4	4745.9	4343.1	3651.0	2962.5	2142.3	1566.2
17.5°	7017.4	7533.9	7779.8	7664.8	7779.8	7533.9	7017.4	6080.2	4977.6	3655.4	2452.2
15°	10287.3	10985.0	11289.4	11383.5	11289.4	10985.0	10287.3	9145.4	7530.8	5720.5	3698.8
12.5°	14309.2	16596.5	17690.4	17983.5	17690.4	16596.5	14309.2	12269.5	10226.1	7687.3	5218.5
10°	20047.3	27736.0	32309.4	33426.1	32309.4	27736.0	20047.3	16269.0	12575.2	9489.5	6516.9
7.5°	32739.0	48363.1	65865.9	74154.1	65865.9	48363.1	32739.0	20945.8	15302.1	11089.8	7676.3
5°	49926.8	86652.0	127176.1	143062.2	127176.1	86652.0	49926.8	30176.4	18561.3	12470.5	8554.6
2.5°	70821.5	130837.9	186832.2	207705.7	186832.2	130837.9	70821.5	36570.8	20860.6	13310.7	9057.5
0°	79649.3	150841.5	205848.6	223728.9	205848.6	150841.5	79649.3	38620.8	21066.6	13594.6	9201.1
-2.5°	70821.5	130837.9	186832.2	207705.6	186832.2	130837.9	70821.5	36570.8	20860.6	13310.7	9057.5
-5°	49926.8	86652.0	127176.1	143062.2	127176.1	86652.0	49926.8	30176.4	18561.3	12470.5	8554.6
-7.5°	32739.0	48363.1	65865.9	74154.1	65865.9	48363.1	32739.0	20945.8	15302.1	11089.8	7676.3
-10°	20047.3	27736.0	32309.4	33426.1	32309.4	27736.0	20047.3	16269.0	12575.2	9489.5	6516.9
-12.5°	14309.2	16596.5	17690.4	17983.5	17690.4	16596.5	14309.2	12269.5	10226.1	7687.3	5218.5
-15°	10287.3	10985.0	11289.4	11383.5	11289.4	10985.0	10287.3	9145.4	7530.8	5720.5	3698.8
-17.5°	7017.4	7533.9	7779.8	7664.8	7779.8	7533.9	7017.4	6080.2	4977.6	3655.4	2452.2
-20°	4343.1	4745.9	4964.4	4944.7	4964.4	4745.9	4343.1	3651.0	2962.5	2142.3	1566.2



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2422.3	2630.5	2772.9	2804.5	2772.9	2630.5	2422.3	2020.7	1656.1	1328.3	996.3
-25°	1354.6	1462.8	1516.1	1533.3	1516.1	1462.8	1354.6	1185.4	991.7	864.1	699.4
-27.5°	849.2	897.0	918.6	926.3	918.6	897.0	849.2	781.4	686.7	630.9	561.0
-30°	606.6	628.2	639.6	644.6	639.6	628.2	606.6	581.4	541.3	513.2	487.2
-32.5°	496.6	505.0	509.5	507.6	509.5	505.0	496.6	485.7	470.3	455.0	440.2
-35°	441.6	443.0	442.7	441.3	442.7	443.0	441.6	437.5	429.6	418.6	403.6
-37.5°	405.0	405.1	403.8	403.6	403.8	405.1	405.0	401.5	393.1	382.6	371.0
-40°	366.2	366.0	364.8	364.5	364.8	366.0	366.2	363.7	357.4	350.4	342.2
-42.5°	330.7	330.9	330.8	331.4	330.8	330.9	330.7	328.8	325.4	320.4	315.7
-45°	304.8	304.2	303.9	304.2	303.9	304.2	304.8	304.5	303.8	302.4	300.2
-47.5°	291.4	290.8	290.5	290.7	290.5	290.8	291.4	291.6	291.7	291.3	290.3
-50°	283.0	282.0	281.6	281.7	281.6	282.0	283.0	283.6	283.9	283.8	283.3
-52.5°	277.7	277.2	276.5	275.6	276.5	277.2	277.7	277.9	277.8	277.7	277.3
-55°	272.4	272.4	271.9	271.1	271.9	272.4	272.4	272.2	271.9	271.5	270.8
-57.5°	266.5	266.5	266.5	266.6	266.5	266.5	266.5	266.2	265.5	264.6	263.4
-60°	260.7	261.7	262.0	262.1	262.0	261.7	260.7	259.5	257.9	256.2	254.2
-62.5°	252.9	255.0	255.8	256.0	255.8	255.0	252.9	250.5	248.0	245.4	242.3
-65°	237.0	238.5	238.6	238.0	238.6	238.5	237.0	235.2	233.1	230.3	226.8
-67.5°	215.3	216.0	216.0	215.4	216.0	216.0	215.3	214.2	212.7	210.3	206.7
-70°	190.1	190.5	191.8	192.8	191.8	190.5	190.1	189.3	187.9	185.5	181.9
-72.5°	161.2	161.9	163.2	164.2	163.2	161.9	161.2	160.1	158.5	156.4	153.5
-75°	130.9	131.8	132.3	132.5	132.3	131.8	130.9	129.6	127.9	126.0	124.0
-77.5°	100.6	101.8	102.2	102.4	102.2	101.8	100.6	99.2	97.6	95.7	94.3
-80°	69.9	70.4	70.7	70.8	70.7	70.4	69.9	69.2	68.3	67.3	66.4
-82.5°	44.7	45.0	45.1	45.2	45.1	45.0	44.7	44.3	43.8	43.2	42.5
-85°	25.3	25.5	25.6	25.6	25.6	25.5	25.3	25.1	24.8	24.5	24.1
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	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: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
85°	23.6	23.1	22.5	21.6	20.8	20.0	19.2	18.2	17.3	16.4	15.5
82.5°	41.6	40.7	39.7	38.4	37.0	35.4	33.7	31.8	29.8	27.6	25.3
80°	65.2	63.7	62.1	59.9	57.7	55.2	52.6	49.9	46.9	43.9	41.2
77.5°	92.5	90.5	88.1	85.4	82.2	78.8	75.2	72.0	68.7	65.1	60.9
75°	121.7	119.0	116.0	112.7	109.0	105.0	100.6	95.9	91.2	86.5	81.4
72.5°	150.3	146.9	143.5	140.0	136.1	131.5	126.2	120.4	114.3	107.8	101.3
70°	177.8	173.5	169.2	165.1	160.6	155.7	150.3	144.3	137.8	130.6	122.5
67.5°	202.7	198.3	193.9	188.9	183.4	177.8	172.3	166.6	159.9	152.3	143.3
65°	223.0	219.0	215.2	210.0	204.3	198.3	192.2	185.7	178.9	171.9	163.5
62.5°	238.9	235.0	231.2	226.7	221.9	216.8	210.8	203.6	196.3	188.7	180.0
60°	251.6	248.5	244.7	240.5	236.1	231.1	225.0	218.8	212.7	204.3	195.6
57.5°	261.7	259.1	255.5	251.8	248.1	243.0	237.2	231.1	224.4	217.7	210.1
55°	269.8	267.5	264.3	260.7	256.7	252.4	247.7	242.0	235.3	229.0	221.5
52.5°	276.7	274.4	271.7	268.9	265.1	260.8	256.2	250.8	245.5	239.0	231.9
50°	282.4	280.4	277.9	275.0	271.8	268.4	263.9	258.8	253.9	248.0	241.2
47.5°	289.1	286.9	284.1	281.1	277.7	273.9	270.1	266.4	261.5	256.3	249.5
45°	298.1	295.1	291.5	288.0	284.1	280.1	275.6	272.1	268.3	263.2	257.6
42.5°	311.2	306.0	301.4	296.4	291.0	286.6	282.1	277.9	273.9	269.4	263.6
40°	331.5	320.7	314.1	306.8	300.3	293.5	288.7	283.7	279.3	274.9	269.2
37.5°	357.6	344.0	331.7	319.8	311.4	303.2	296.2	290.2	284.3	279.6	273.9
35°	385.9	369.6	354.4	339.2	324.4	314.3	304.8	297.3	290.5	284.0	278.4
32.5°	420.4	400.8	381.1	362.5	343.5	327.4	315.4	304.9	296.4	289.1	282.6
30°	459.7	435.1	411.6	388.4	365.3	344.4	327.1	313.8	302.8	294.0	286.9
27.5°	513.9	470.9	442.9	415.0	387.7	363.2	342.0	323.3	309.5	299.3	291.0
25°	606.5	527.9	477.7	443.6	411.9	382.8	358.0	336.0	317.9	304.4	294.1
22.5°	757.7	623.3	528.5	473.5	437.1	404.9	375.8	349.3	325.6	309.3	297.6
20°	1050.4	759.2	609.4	515.9	460.9	425.5	393.3	363.4	335.9	314.6	300.7
17.5°	1568.7	1004.8	703.4	563.5	489.0	444.2	410.0	376.3	345.5	319.0	303.1
15°	2195.2	1343.6	874.3	637.9	519.9	459.5	424.5	388.0	354.8	324.9	306.4
12.5°	3083.3	1717.4	1022.7	698.0	553.4	478.3	436.9	399.6	363.5	331.2	309.2
10°	3823.6	2162.2	1258.4	809.1	598.2	498.3	445.9	406.5	368.4	335.6	311.0
7.5°	4752.2	2657.5	1468.7	891.6	632.2	512.6	451.3	410.2	371.0	338.4	312.0
5°	5338.5	2984.9	1609.2	953.7	657.3	522.2	455.2	411.6	371.4	339.6	312.1
2.5°	5751.2	3153.2	1673.2	987.8	671.6	526.5	457.1	412.5	373.3	340.6	313.8
0°	5819.8	3281.9	1682.4	995.6	673.3	524.1	456.4	412.7	375.0	340.4	314.8
-2.5°	5751.2	3153.2	1673.2	987.8	671.6	526.5	457.1	412.5	373.3	340.6	313.8
-5°	5338.5	2984.9	1609.2	953.7	657.3	522.2	455.2	411.6	371.4	339.6	312.1
-7.5°	4752.2	2657.5	1468.7	891.6	632.2	512.6	451.3	410.2	371.0	338.4	312.0
-10°	3823.6	2162.2	1258.4	809.1	598.2	498.3	445.9	406.5	368.4	335.6	311.0
-12.5°	3083.3	1717.4	1022.7	698.0	553.4	478.3	436.9	399.6	363.5	331.2	309.2
-15°	2195.2	1343.6	874.3	637.9	519.9	459.5	424.5	388.0	354.8	324.9	306.4
-17.5°	1568.7	1004.8	703.4	563.5	489.0	444.2	410.0	376.3	345.5	319.0	303.1
-20°	1050.4	759.2	609.4	515.9	460.9	425.5	393.3	363.4	335.9	314.6	300.7



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	757.7	623.3	528.5	473.5	437.1	404.9	375.8	349.3	325.6	309.3	297.6
-25°	606.5	527.9	477.7	443.6	411.9	382.8	358.0	336.0	317.9	304.4	294.1
-27.5°	513.9	470.9	442.9	415.0	387.7	363.2	342.0	323.3	309.5	299.3	291.0
-30°	459.7	435.1	411.6	388.4	365.3	344.4	327.1	313.8	302.8	294.0	286.9
-32.5°	420.4	400.8	381.1	362.5	343.5	327.4	315.4	304.9	296.4	289.1	282.6
-35°	385.9	369.6	354.4	339.2	324.4	314.3	304.8	297.3	290.5	284.0	278.4
-37.5°	357.6	344.0	331.7	319.8	311.4	303.2	296.2	290.2	284.3	279.6	273.9
-40°	331.5	320.7	314.1	306.8	300.3	293.5	288.7	283.7	279.3	274.9	269.2
-42.5°	311.2	306.0	301.4	296.4	291.0	286.6	282.1	277.9	273.9	269.4	263.6
-45°	298.1	295.1	291.5	288.0	284.1	280.1	275.6	272.1	268.3	263.2	257.6
-47.5°	289.1	286.9	284.1	281.1	277.7	273.9	270.1	266.4	261.5	256.3	249.5
-50°	282.4	280.4	277.9	275.0	271.8	268.4	263.9	258.8	253.9	248.0	241.2
-52.5°	276.7	274.4	271.7	268.9	265.1	260.8	256.2	250.8	245.5	239.0	231.9
-55°	269.8	267.5	264.3	260.7	256.7	252.4	247.7	242.0	235.3	229.0	221.5
-57.5°	261.7	259.1	255.5	251.8	248.1	243.0	237.2	231.1	224.4	217.7	210.1
-60°	251.6	248.5	244.7	240.5	236.1	231.1	225.0	218.8	212.7	204.3	195.6
-62.5°	238.9	235.0	231.2	226.7	221.9	216.8	210.8	203.6	196.3	188.7	180.0
-65°	223.0	219.0	215.2	210.0	204.3	198.3	192.2	185.7	178.9	171.9	163.5
-67.5°	202.7	198.3	193.9	188.9	183.4	177.8	172.3	166.6	159.9	152.3	143.3
-70°	177.8	173.5	169.2	165.1	160.6	155.7	150.3	144.3	137.8	130.6	122.5
-72.5°	150.3	146.9	143.5	140.0	136.1	131.5	126.2	120.4	114.3	107.8	101.3
-75°	121.7	119.0	116.0	112.7	109.0	105.0	100.6	95.9	91.2	86.5	81.4
-77.5°	92.5	90.5	88.1	85.4	82.2	78.8	75.2	72.0	68.7	65.1	60.9
-80°	65.2	63.7	62.1	59.9	57.7	55.2	52.6	49.9	46.9	43.9	41.2
-82.5°	41.6	40.7	39.7	38.4	37.0	35.4	33.7	31.8	29.8	27.6	25.3
-85°	23.6	23.1	22.5	21.6	20.8	20.0	19.2	18.2	17.3	16.4	15.5
-87.5°	8.5	8.3	8.2	8.3	8.4	8.5	8.6	8.3	8.0	7.7	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558912 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	14.9	14.2	13.4	12.5	11.6	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	23.5	22.4	21.4	20.3	19.3	18.0	16.6	14.9	12.9	10.9	9.4
80°	38.7	36.1	33.4	30.6	28.0	25.6	23.9	21.8	19.0	16.2	13.5
77.5°	56.3	51.7	47.2	43.3	39.3	35.5	32.1	28.8	25.0	21.5	18.1
75°	75.6	69.6	63.7	57.8	51.5	45.3	40.7	36.3	31.7	26.9	22.6
72.5°	94.8	87.9	80.5	72.9	65.6	58.2	50.6	43.7	38.6	33.1	27.3
70°	114.3	106.3	98.1	89.2	80.1	71.2	62.6	53.9	45.4	39.2	32.8
67.5°	133.9	124.4	115.1	105.3	95.1	84.7	74.4	64.4	54.7	45.4	38.3
65°	153.1	142.4	131.4	120.8	109.7	98.2	86.7	75.0	63.8	53.3	43.7
62.5°	170.7	160.4	148.4	136.4	124.2	111.6	98.7	85.9	72.9	61.0	49.9
60°	186.2	175.7	164.8	152.1	138.6	125.0	110.9	96.6	82.5	68.5	56.3
57.5°	200.3	190.2	178.9	166.8	153.0	138.2	123.0	107.4	91.9	76.7	62.5
55°	213.3	203.1	192.2	179.9	166.4	151.2	134.8	118.1	101.2	84.8	68.6
52.5°	223.8	214.8	204.1	192.2	178.6	163.5	146.4	128.5	110.6	92.7	75.5
50°	233.4	224.9	214.9	203.1	190.1	174.5	157.8	138.9	119.6	100.5	82.3
47.5°	242.1	233.8	224.3	213.2	199.9	185.2	167.9	149.0	128.4	108.3	88.8
45°	249.8	241.8	232.9	221.9	209.3	194.4	177.4	158.8	137.2	115.8	95.0
42.5°	256.9	248.8	240.1	230.5	217.4	202.9	186.4	167.2	145.7	123.1	101.2
40°	262.5	255.1	246.8	236.8	225.0	211.1	194.1	175.0	153.9	130.1	107.2
37.5°	267.7	260.4	252.2	242.9	231.8	217.7	201.3	182.5	161.3	136.9	113.0
35°	272.1	265.0	257.0	247.9	237.1	224.0	208.3	189.2	167.5	143.4	118.4
32.5°	276.1	269.2	260.9	252.0	242.2	229.9	214.2	195.0	173.4	149.4	123.5
30°	279.9	272.4	264.6	255.7	246.5	234.4	219.2	200.4	178.8	154.9	128.3
27.5°	283.1	275.1	267.9	258.9	249.6	238.4	223.7	205.4	183.8	159.8	132.7
25°	286.0	277.8	270.2	261.8	252.4	242.1	227.9	209.9	188.1	163.8	136.8
22.5°	288.5	280.2	272.1	264.5	254.8	245.5	231.4	213.3	191.8	167.5	140.5
20°	290.8	282.3	273.7	266.5	256.9	247.6	234.2	216.4	195.1	170.8	143.8
17.5°	292.8	284.0	275.3	267.7	258.7	249.3	236.7	219.2	197.9	173.7	146.7
15°	294.6	285.4	276.7	268.6	260.1	250.8	238.9	221.6	200.4	176.2	149.1
12.5°	296.1	286.3	277.7	269.3	261.2	251.9	240.9	223.7	202.4	178.3	151.2
10°	297.3	286.8	278.5	269.9	261.9	252.8	242.5	225.4	204.1	179.9	152.8
7.5°	298.1	287.0	279.0	270.1	262.5	253.5	243.5	226.5	205.3	181.1	154.0
5°	298.9	287.4	279.5	270.6	263.1	254.0	244.0	227.2	206.1	181.9	154.8
2.5°	300.3	288.4	279.9	271.0	263.5	254.4	244.2	227.5	206.4	182.3	155.1
0°	301.2	289.2	280.1	271.1	263.6	254.5	244.0	227.4	206.3	182.2	155.1
-2.5°	300.3	288.4	279.9	271.0	263.5	254.4	244.2	227.5	206.4	182.3	155.1
-5°	298.9	287.4	279.5	270.6	263.1	254.0	244.0	227.2	206.1	181.9	154.8
-7.5°	298.1	287.0	279.0	270.1	262.5	253.5	243.5	226.5	205.3	181.1	154.0
-10°	297.3	286.8	278.5	269.9	261.9	252.8	242.5	225.4	204.1	179.9	152.8
-12.5°	296.1	286.3	277.7	269.3	261.2	251.9	240.9	223.7	202.4	178.3	151.2
-15°	294.6	285.4	276.7	268.6	260.1	250.8	238.9	221.6	200.4	176.2	149.1
-17.5°	292.8	284.0	275.3	267.7	258.7	249.3	236.7	219.2	197.9	173.7	146.7
-20°	290.8	282.3	273.7	266.5	256.9	247.6	234.2	216.4	195.1	170.8	143.8



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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°	288.5	280.2	272.1	264.5	254.8	245.5	231.4	213.3	191.8	167.5	140.5
-25°	286.0	277.8	270.2	261.8	252.4	242.1	227.9	209.9	188.1	163.8	136.8
-27.5°	283.1	275.1	267.9	258.9	249.6	238.4	223.7	205.4	183.8	159.8	132.7
-30°	279.9	272.4	264.6	255.7	246.5	234.4	219.2	200.4	178.8	154.9	128.3
-32.5°	276.1	269.2	260.9	252.0	242.2	229.9	214.2	195.0	173.4	149.4	123.5
-35°	272.1	265.0	257.0	247.9	237.1	224.0	208.3	189.2	167.5	143.4	118.4
-37.5°	267.7	260.4	252.2	242.9	231.8	217.7	201.3	182.5	161.3	136.9	113.0
-40°	262.5	255.1	246.8	236.8	225.0	211.1	194.1	175.0	153.9	130.1	107.2
-42.5°	256.9	248.8	240.1	230.5	217.4	202.9	186.4	167.2	145.7	123.1	101.2
-45°	249.8	241.8	232.9	221.9	209.3	194.4	177.4	158.8	137.2	115.8	95.0
-47.5°	242.1	233.8	224.3	213.2	199.9	185.2	167.9	149.0	128.4	108.3	88.8
-50°	233.4	224.9	214.9	203.1	190.1	174.5	157.8	138.9	119.6	100.5	82.3
-52.5°	223.8	214.8	204.1	192.2	178.6	163.5	146.4	128.5	110.6	92.7	75.5
-55°	213.3	203.1	192.2	179.9	166.4	151.2	134.8	118.1	101.2	84.8	68.6
-57.5°	200.3	190.2	178.9	166.8	153.0	138.2	123.0	107.4	91.9	76.7	62.5
-60°	186.2	175.7	164.8	152.1	138.6	125.0	110.9	96.6	82.5	68.5	56.3
-62.5°	170.7	160.4	148.4	136.4	124.2	111.6	98.7	85.9	72.9	61.0	49.9
-65°	153.1	142.4	131.4	120.8	109.7	98.2	86.7	75.0	63.8	53.3	43.7
-67.5°	133.9	124.4	115.1	105.3	95.1	84.7	74.4	64.4	54.7	45.4	38.3
-70°	114.3	106.3	98.1	89.2	80.1	71.2	62.6	53.9	45.4	39.2	32.8
-72.5°	94.8	87.9	80.5	72.9	65.6	58.2	50.6	43.7	38.6	33.1	27.3
-75°	75.6	69.6	63.7	57.8	51.5	45.3	40.7	36.3	31.7	26.9	22.6
-77.5°	56.3	51.7	47.2	43.3	39.3	35.5	32.1	28.8	25.0	21.5	18.1
-80°	38.7	36.1	33.4	30.6	28.0	25.6	23.9	21.8	19.0	16.2	13.5
-82.5°	23.5	22.4	21.4	20.3	19.3	18.0	16.6	14.9	12.9	10.9	9.4
-85°	14.9	14.2	13.4	12.5	11.6	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	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°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
82.5°	8.1	7.1	5.9	4.5	3.1	1.6	0.0
80°	11.0	9.4	7.8	6.0	4.2	2.1	0.0
77.5°	14.8	12.0	9.7	7.5	5.2	2.6	0.0
75°	18.7	15.2	11.8	9.0	6.2	3.1	0.0
72.5°	22.5	18.4	14.3	10.5	7.2	3.6	0.0
70°	26.3	21.5	16.8	12.0	8.2	4.1	0.0
67.5°	31.1	24.6	19.3	13.9	9.2	4.6	0.0
65°	35.7	28.0	21.7	15.7	10.1	5.1	0.0
62.5°	40.3	31.8	24.1	17.5	11.1	5.5	0.0
60°	44.7	35.4	26.4	19.3	12.0	6.0	0.0
57.5°	50.0	39.0	29.2	21.0	13.1	6.4	0.0
55°	55.2	42.4	31.9	22.7	14.2	6.9	0.0
52.5°	60.3	45.9	34.6	24.3	15.3	7.3	0.0
50°	65.2	50.0	37.1	25.9	16.3	7.7	0.0
47.5°	70.1	54.0	39.6	27.4	17.3	8.1	0.0
45°	75.4	57.8	41.9	29.2	18.2	8.5	0.0
42.5°	80.5	61.4	44.1	30.9	19.2	8.8	0.0
40°	85.3	64.9	46.6	32.4	20.0	9.2	0.0
37.5°	89.8	68.2	49.2	33.9	20.8	9.5	0.0
35°	94.1	71.6	51.7	35.2	21.6	9.8	0.0
32.5°	98.2	75.0	54.1	36.5	22.4	10.1	0.0
30°	102.2	78.1	56.3	37.7	23.0	10.4	0.0
27.5°	106.0	80.9	58.3	38.7	23.7	10.6	0.0
25°	109.5	83.6	60.1	39.7	24.3	10.9	0.0
22.5°	112.6	85.9	61.8	40.6	24.8	11.1	0.0
20°	115.4	88.1	63.3	41.3	25.3	11.3	0.0
17.5°	118.0	90.0	64.7	42.0	25.7	11.4	0.0
15°	120.2	91.7	65.9	42.5	26.1	11.6	0.0
12.5°	122.1	93.1	66.9	43.0	26.4	11.7	0.0
10°	123.7	94.3	67.8	43.3	26.6	11.8	0.0
7.5°	124.9	95.2	68.4	43.6	26.8	11.9	0.0
5°	125.8	95.9	68.9	43.7	27.0	12.0	0.0
2.5°	126.3	96.3	69.2	43.8	27.1	12.0	0.0
0°	126.5	96.4	69.3	43.7	27.1	12.0	0.0
-2.5°	126.3	96.3	69.2	43.8	27.1	12.0	0.0
-5°	125.8	95.9	68.9	43.7	27.0	12.0	0.0
-7.5°	124.9	95.2	68.4	43.6	26.8	11.9	0.0
-10°	123.7	94.3	67.8	43.3	26.6	11.8	0.0
-12.5°	122.1	93.1	66.9	43.0	26.4	11.7	0.0
-15°	120.2	91.7	65.9	42.5	26.1	11.6	0.0
-17.5°	118.0	90.0	64.7	42.0	25.7	11.4	0.0
-20°	115.4	88.1	63.3	41.3	25.3	11.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.6	85.9	61.8	40.6	24.8	11.1	0.0
-25°	109.5	83.6	60.1	39.7	24.3	10.9	0.0
-27.5°	106.0	80.9	58.3	38.7	23.7	10.6	0.0
-30°	102.2	78.1	56.3	37.7	23.0	10.4	0.0
-32.5°	98.2	75.0	54.1	36.5	22.4	10.1	0.0
-35°	94.1	71.6	51.7	35.2	21.6	9.8	0.0
-37.5°	89.8	68.2	49.2	33.9	20.8	9.5	0.0
-40°	85.3	64.9	46.6	32.4	20.0	9.2	0.0
-42.5°	80.5	61.4	44.1	30.9	19.2	8.8	0.0
-45°	75.4	57.8	41.9	29.2	18.2	8.5	0.0
-47.5°	70.1	54.0	39.6	27.4	17.3	8.1	0.0
-50°	65.2	50.0	37.1	25.9	16.3	7.7	0.0
-52.5°	60.3	45.9	34.6	24.3	15.3	7.3	0.0
-55°	55.2	42.4	31.9	22.7	14.2	6.9	0.0
-57.5°	50.0	39.0	29.2	21.0	13.1	6.4	0.0
-60°	44.7	35.4	26.4	19.3	12.0	6.0	0.0
-62.5°	40.3	31.8	24.1	17.5	11.1	5.5	0.0
-65°	35.7	28.0	21.7	15.7	10.1	5.1	0.0
-67.5°	31.1	24.6	19.3	13.9	9.2	4.6	0.0
-70°	26.3	21.5	16.8	12.0	8.2	4.1	0.0
-72.5°	22.5	18.4	14.3	10.5	7.2	3.6	0.0
-75°	18.7	15.2	11.8	9.0	6.2	3.1	0.0
-77.5°	14.8	12.0	9.7	7.5	5.2	2.6	0.0
-80°	11.0	9.4	7.8	6.0	4.2	2.1	0.0
-82.5°	8.1	7.1	5.9	4.5	3.1	1.6	0.0
-85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
-87.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)