

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: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558991 (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-935-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

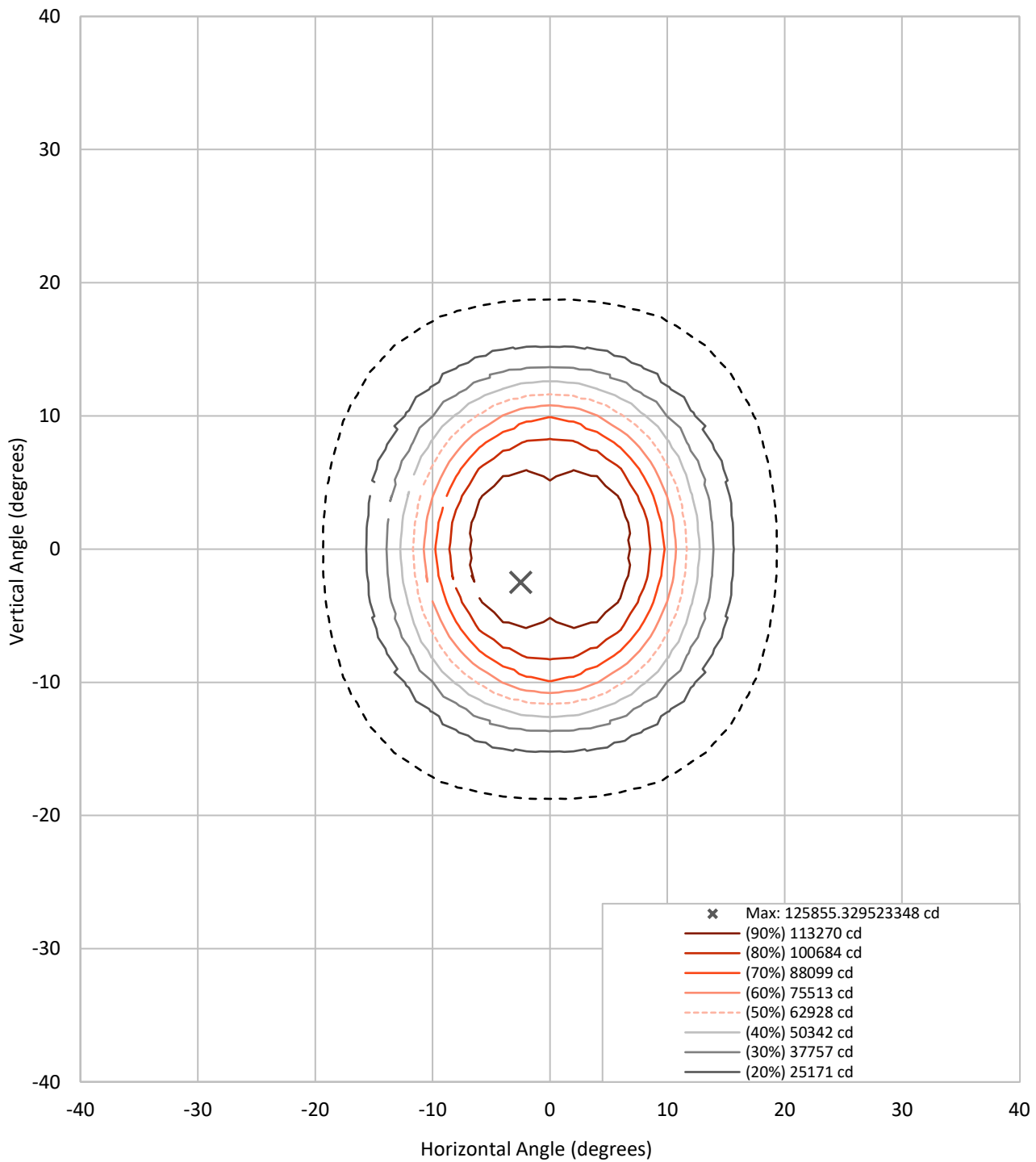
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23799.1 lumens	Max Intensity:	125855.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	95.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	12848.4 lumens	Field Lumens:	19376 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





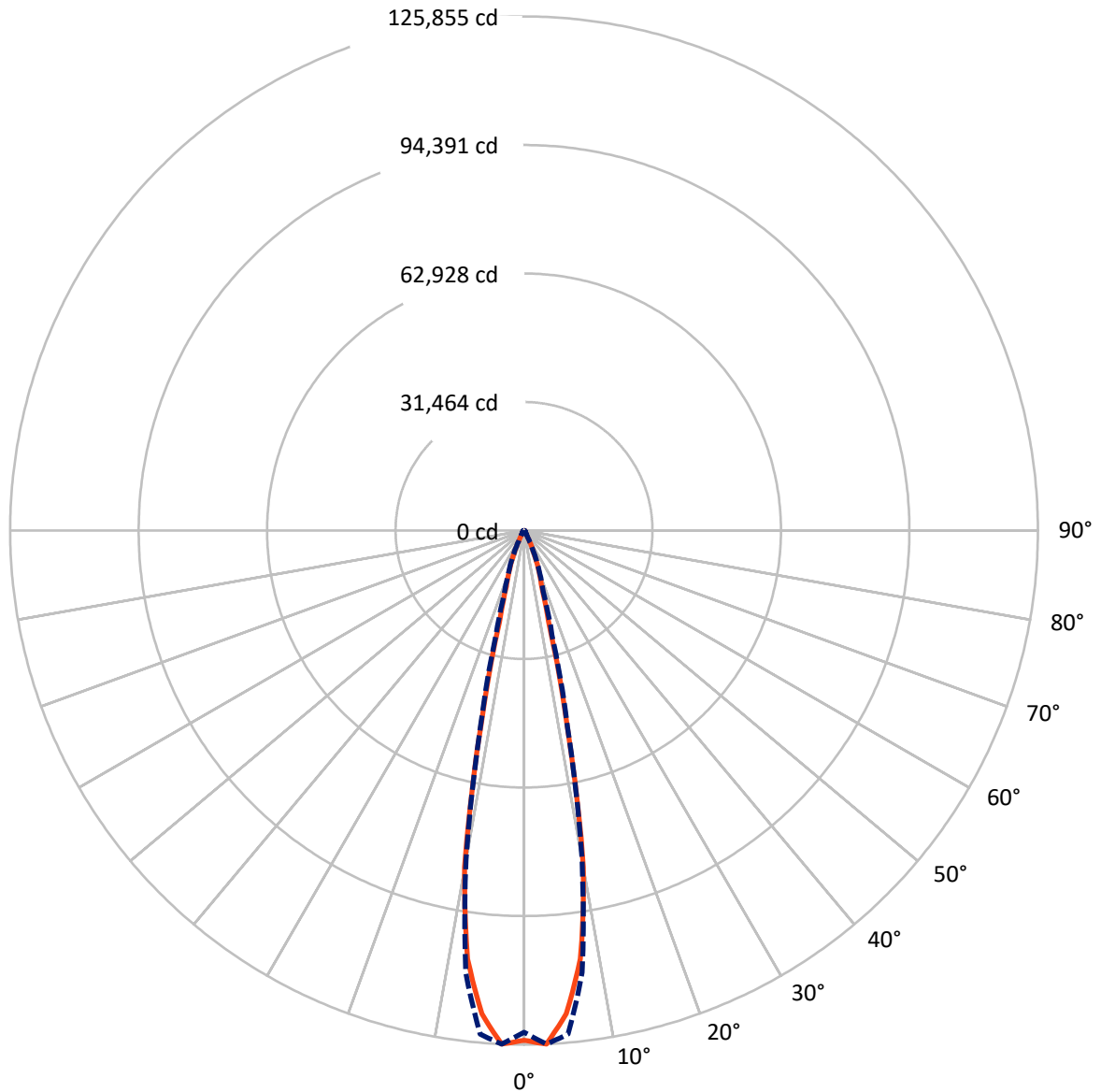
REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.3		2.4		6.4		10.2		11.9		10.2		6.4		2.4		0.3		
80	0.3		2.4		6.4		10.2		11.9		10.2		6.4		2.4		0.3		
70	1.1	1.2	2.6	4.2	5.7	7.1	8.1	8.6	8.6	8.1	7.1	5.7	4.2	2.6	1.2	1.1			
60		1.9	3.8	5.9	7.9	9.4	10.4	10.9	10.9	10.4	9.4	7.9	5.9	3.8	1.9				
50	2.0	2.5	4.8	7.1	9.2	11.2	12.9	13.6	13.6	12.9	11.2	9.2	7.1	4.8	2.5	2.0			
40		3.0	5.5	8.0	10.8	14.8	19.5	23.3	23.3	19.5	14.8	10.8	8.0	5.5	3.0				
30	2.7	3.3	6.0	8.9	13.4	24.3	73.1	142.4	142.4	73.1	24.3	13.4	8.9	6.0	3.3	2.7			
20		3.6	6.3	9.4	16.8	72.2	333.2	856.8	856.8	333.2	72.2	16.8	9.4	6.3	3.6				
10	2.9	3.7	6.4	9.9	20.1	140.6	867.6	3065.3	3065.3	867.6	140.6	20.1	9.9	6.4	3.7	2.9			
0		3.7	6.4	9.9	20.1	140.6	867.6	3065.3	3065.3	867.6	140.6	20.1	9.9	6.4	3.7				
-10	2.7	3.6	6.3	9.4	16.8	72.2	333.2	856.8	856.8	333.2	72.2	16.8	9.4	6.3	3.6	2.7			
-20		3.3	6.0	8.9	13.4	24.3	73.1	142.4	142.4	73.1	24.3	13.4	8.9	6.0	3.3				
-30	2.0	3.0	5.5	8.0	10.8	14.8	19.5	23.3	23.3	19.5	14.8	10.8	8.0	5.5	3.0	2.0			
-40		2.5	4.8	7.1	9.2	11.2	12.9	13.6	13.6	12.9	11.2	9.2	7.1	4.8	2.5				
-50	1.1	1.9	3.8	5.9	7.9	9.4	10.4	10.9	10.9	10.4	9.4	7.9	5.9	3.8	1.9	1.1			
-60		1.2	2.6	4.2	5.7	7.1	8.1	8.6	8.6	8.1	7.1	5.7	4.2	2.6	1.2				
-70	0.3		2.4		6.4		10.2		11.9		10.2		6.4		2.4		0.3		
-80	0.3		2.4		6.4		10.2		11.9		10.2		6.4		2.4		0.3		
-90	0.3		2.4		6.4		10.2		11.9		10.2		6.4		2.4		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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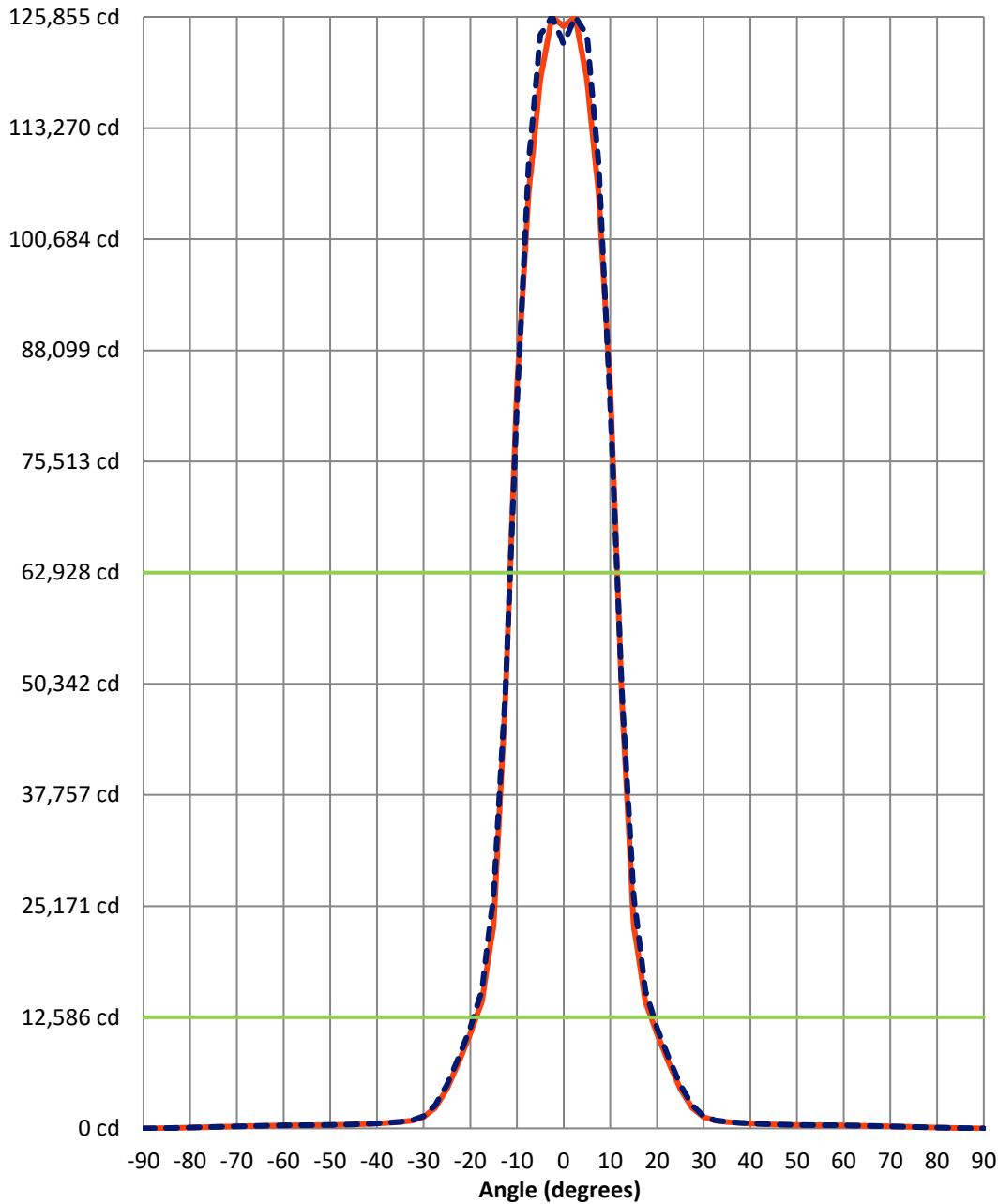
Luminous Intensity Polar Plot



— 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: 12848.4
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 19376
Efficiency: 81.4%

Spill:
Lumens: 4423.1
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	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	10.2	11.3
82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.1	13.9	16.5	19.3
80°	0.0	2.3	4.6	7.0	9.3	11.5	14.0	17.4	21.0	24.7	28.5
77.5°	0.0	2.9	5.8	8.7	11.5	14.9	19.1	23.5	28.1	32.8	37.9
75°	0.0	3.5	6.9	10.4	14.0	19.3	24.2	29.4	35.2	41.8	48.1
72.5°	0.0	4.0	8.0	12.1	17.6	23.6	29.2	35.8	43.6	51.1	58.1
70°	0.0	4.6	9.2	13.9	21.1	27.9	34.4	43.3	52.0	60.4	70.2
67.5°	0.0	5.1	10.2	16.6	24.5	32.1	40.9	50.7	60.4	71.6	82.7
65°	0.0	5.7	11.3	19.2	28.0	36.8	47.2	58.0	70.2	82.7	95.2
62.5°	0.0	6.2	12.4	21.7	31.3	41.9	53.4	66.1	79.9	93.7	108.0
60°	0.0	6.7	13.4	24.3	34.6	46.8	59.4	74.4	89.4	105.1	120.7
57.5°	0.0	7.2	15.0	26.7	38.4	51.6	66.3	82.5	99.2	116.2	133.0
55°	0.0	7.7	16.6	29.1	42.1	56.3	73.0	90.5	108.8	127.1	145.1
52.5°	0.0	8.2	18.2	31.5	45.7	61.0	79.6	98.7	118.3	137.6	156.8
50°	0.0	8.6	19.7	33.8	49.1	66.3	86.0	106.7	127.4	147.9	168.6
47.5°	0.0	9.1	21.2	36.1	52.5	71.4	92.3	114.6	136.2	157.8	180.1
45°	0.0	9.5	22.6	38.4	55.6	76.4	98.8	122.2	144.7	167.9	191.4
42.5°	0.0	9.9	23.9	40.7	58.7	81.1	105.1	129.5	153.0	177.7	201.4
40°	0.0	10.3	25.2	42.8	61.9	85.6	111.1	136.4	161.1	187.2	210.8
37.5°	0.0	10.6	26.4	44.8	65.3	89.9	116.9	143.0	169.0	195.9	219.7
35°	0.0	11.0	27.6	46.8	68.6	94.3	122.5	149.2	176.5	203.3	228.2
32.5°	0.0	11.3	28.6	48.5	71.6	98.6	127.6	155.1	183.5	210.2	236.4
30°	0.0	11.6	29.6	50.2	74.4	102.6	132.4	160.7	190.0	216.8	243.9
27.5°	0.0	11.9	30.6	51.8	77.2	106.4	136.8	166.0	195.7	222.8	250.7
25°	0.0	12.1	31.4	53.2	79.7	109.9	140.8	170.8	200.6	228.5	256.8
22.5°	0.0	12.4	32.2	54.5	82.1	113.2	144.5	175.2	205.1	233.5	262.1
20°	0.0	12.6	32.9	55.6	84.2	116.1	147.9	179.1	209.2	237.9	266.8
17.5°	0.0	12.8	33.5	56.7	86.2	118.7	150.8	182.5	212.8	241.6	270.9
15°	0.0	12.9	34.1	57.6	87.9	120.9	153.3	185.5	216.0	244.8	274.5
12.5°	0.0	13.1	34.5	58.3	89.4	122.7	155.4	188.0	218.7	247.3	277.4
10°	0.0	13.2	34.9	59.0	90.7	124.2	157.2	190.0	220.9	250.0	279.7
7.5°	0.0	13.3	35.2	59.5	91.8	125.4	158.5	191.6	222.6	252.2	281.5
5°	0.0	13.3	35.4	59.8	92.6	126.2	159.5	192.8	223.8	254.0	282.6
2.5°	0.0	13.4	35.6	60.0	93.2	126.7	160.1	193.5	224.6	255.3	282.9
0°	0.0	13.4	35.6	60.1	93.5	126.9	160.3	193.7	224.8	256.0	282.7
-2.5°	0.0	13.4	35.6	60.1	93.5	126.9	160.3	193.7	224.8	256.0	282.7
-5°	0.0	13.3	35.4	59.8	92.6	126.2	159.5	192.8	223.8	254.0	282.6
-7.5°	0.0	13.3	35.2	59.5	91.8	125.4	158.5	191.6	222.6	252.2	281.5
-10°	0.0	13.2	34.9	59.0	90.7	124.2	157.2	190.0	220.9	250.0	279.7
-12.5°	0.0	13.1	34.5	58.3	89.4	122.7	155.4	188.0	218.7	247.3	277.4
-15°	0.0	12.9	34.1	57.6	87.9	120.9	153.3	185.5	216.0	244.8	274.5
-17.5°	0.0	12.8	33.5	56.7	86.2	118.7	150.8	182.5	212.8	241.6	270.9
-20°	0.0	12.6	32.9	55.6	84.2	116.1	147.9	179.1	209.2	237.9	266.8



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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	12.4	32.2	54.5	82.1	113.2	144.5	175.2	205.1	233.5	262.1
-25°	0.0	12.1	31.4	53.2	79.7	109.9	140.8	170.8	200.6	228.5	256.8
-27.5°	0.0	11.9	30.6	51.8	77.2	106.4	136.8	166.0	195.7	222.8	250.7
-30°	0.0	11.6	29.6	50.2	74.4	102.6	132.4	160.7	190.0	216.8	243.9
-32.5°	0.0	11.3	28.6	48.5	71.6	98.6	127.6	155.1	183.5	210.2	236.4
-35°	0.0	11.0	27.6	46.8	68.6	94.3	122.5	149.2	176.5	203.3	228.2
-37.5°	0.0	10.6	26.4	44.8	65.3	89.9	116.9	143.0	169.0	195.9	219.7
-40°	0.0	10.3	25.2	42.8	61.9	85.6	111.1	136.4	161.1	187.2	210.8
-42.5°	0.0	9.9	23.9	40.7	58.7	81.1	105.1	129.5	153.0	177.7	201.4
-45°	0.0	9.5	22.6	38.4	55.6	76.4	98.8	122.2	144.7	167.9	191.4
-47.5°	0.0	9.1	21.2	36.1	52.5	71.4	92.3	114.6	136.2	157.8	180.1
-50°	0.0	8.6	19.7	33.8	49.1	66.3	86.0	106.7	127.4	147.9	168.6
-52.5°	0.0	8.2	18.2	31.5	45.7	61.0	79.6	98.7	118.3	137.6	156.8
-55°	0.0	7.7	16.6	29.1	42.1	56.3	73.0	90.5	108.8	127.1	145.1
-57.5°	0.0	7.2	15.0	26.7	38.4	51.6	66.3	82.5	99.2	116.2	133.0
-60°	0.0	6.7	13.4	24.3	34.6	46.8	59.4	74.4	89.4	105.1	120.7
-62.5°	0.0	6.2	12.4	21.7	31.3	41.9	53.4	66.1	79.9	93.7	108.0
-65°	0.0	5.7	11.3	19.2	28.0	36.8	47.2	58.0	70.2	82.7	95.2
-67.5°	0.0	5.1	10.2	16.6	24.5	32.1	40.9	50.7	60.4	71.6	82.7
-70°	0.0	4.6	9.2	13.9	21.1	27.9	34.4	43.3	52.0	60.4	70.2
-72.5°	0.0	4.0	8.0	12.1	17.6	23.6	29.2	35.8	43.6	51.1	58.1
-75°	0.0	3.5	6.9	10.4	14.0	19.3	24.2	29.4	35.2	41.8	48.1
-77.5°	0.0	2.9	5.8	8.7	11.5	14.9	19.1	23.5	28.1	32.8	37.9
-80°	0.0	2.3	4.6	7.0	9.3	11.5	14.0	17.4	21.0	24.7	28.5
-82.5°	0.0	1.7	3.5	5.2	7.0	8.7	10.4	12.1	13.9	16.5	19.3
-85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.2	10.2	11.3
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
85°	12.4	13.4	14.9	16.3	17.6	18.8	19.8	20.8	22.1	23.4	24.8
82.5°	21.7	23.9	25.9	27.8	29.5	30.9	32.5	34.7	37.5	40.2	42.5
80°	31.6	34.4	37.7	41.1	44.5	48.0	51.5	55.0	58.0	61.0	64.0
77.5°	42.5	47.0	51.5	56.2	61.0	66.3	71.4	76.4	81.0	85.4	89.8
75°	53.8	59.4	66.3	73.0	79.6	86.0	92.3	98.6	104.7	110.5	116.0
72.5°	66.1	74.4	82.5	90.5	99.0	107.2	114.9	122.0	129.3	136.8	143.7
70°	79.9	89.4	99.5	109.8	119.9	129.0	138.0	147.2	156.4	164.3	171.2
67.5°	93.7	105.4	117.1	128.8	139.9	150.4	161.2	171.5	181.0	189.2	197.1
65°	108.1	121.2	134.1	146.7	159.0	171.5	183.3	194.4	204.6	214.0	222.8
62.5°	122.2	136.5	150.6	164.6	178.9	192.6	204.9	216.7	228.0	237.9	247.5
60°	136.0	151.4	166.9	182.6	198.2	212.6	225.9	238.1	249.6	260.6	270.5
57.5°	149.5	166.1	183.0	199.9	216.2	231.8	245.3	258.3	270.1	281.3	291.7
55°	162.8	180.4	198.6	216.4	233.5	249.4	263.9	277.0	289.6	299.8	309.7
52.5°	176.0	194.4	213.5	232.1	249.5	266.0	281.1	294.3	305.8	316.3	324.9
50°	189.0	208.2	227.8	246.6	264.6	281.5	296.6	309.3	320.2	329.9	338.0
47.5°	201.1	221.4	240.9	260.5	278.6	295.4	310.3	322.2	332.9	341.6	349.2
45°	212.6	233.8	254.0	273.1	291.6	308.2	321.9	333.9	343.7	352.4	360.1
42.5°	223.6	245.7	266.2	285.2	303.4	319.4	332.9	344.0	354.1	362.6	371.1
40°	234.1	257.3	277.9	296.7	314.5	329.6	342.2	353.6	363.5	373.2	382.4
37.5°	244.4	267.8	289.2	308.2	323.9	338.6	351.1	362.4	373.5	384.2	396.6
35°	254.2	277.9	299.5	318.2	333.7	346.5	359.3	371.6	384.4	397.9	412.4
32.5°	263.3	287.7	309.5	326.7	341.2	354.1	367.4	382.2	397.4	412.8	430.5
30°	271.4	296.5	318.4	334.6	348.0	360.8	376.5	393.5	411.3	429.0	449.6
27.5°	278.5	304.7	325.2	340.9	353.9	366.4	383.8	405.8	425.1	443.9	466.7
25°	285.0	311.3	331.5	346.1	358.4	371.8	389.8	412.4	436.8	457.4	489.1
22.5°	290.6	317.3	337.2	350.8	361.9	376.3	394.6	416.9	442.0	467.9	511.9
20°	295.5	321.7	342.0	354.7	364.6	379.6	397.3	420.1	447.9	485.3	534.0
17.5°	299.7	326.1	345.7	357.4	367.9	382.1	398.1	421.9	454.2	501.0	554.3
15°	303.4	330.5	348.7	359.6	370.4	384.3	401.9	426.6	463.9	515.5	573.1
12.5°	306.4	334.6	351.3	361.4	372.1	386.1	405.9	434.1	475.4	529.9	593.7
10°	308.7	338.4	353.3	362.8	372.9	387.2	409.3	439.9	484.9	543.4	612.0
7.5°	310.9	341.5	354.9	363.9	373.1	387.9	412.1	444.1	491.9	554.5	627.3
5°	312.5	343.4	356.3	364.6	372.9	388.1	414.2	446.8	496.3	562.8	638.7
2.5°	313.6	344.6	357.5	365.0	372.5	388.0	415.7	451.1	501.7	569.0	645.6
0°	313.9	345.0	358.4	365.1	371.8	387.3	416.3	454.1	505.3	572.1	647.8
-2.5°	313.6	344.6	357.5	365.0	372.5	388.0	415.7	451.1	501.7	569.0	645.6
-5°	312.5	343.4	356.3	364.6	372.9	388.1	414.2	446.8	496.3	562.8	638.7
-7.5°	310.9	341.5	354.9	363.9	373.1	387.9	412.1	444.1	491.9	554.5	627.3
-10°	308.7	338.4	353.3	362.8	372.9	387.2	409.3	439.9	484.9	543.4	612.0
-12.5°	306.4	334.6	351.3	361.4	372.1	386.1	405.9	434.1	475.4	529.9	593.7
-15°	303.4	330.5	348.7	359.6	370.4	384.3	401.9	426.6	463.9	515.5	573.1
-17.5°	299.7	326.1	345.7	357.4	367.9	382.1	398.1	421.9	454.2	501.0	554.3
-20°	295.5	321.7	342.0	354.7	364.6	379.6	397.3	420.1	447.9	485.3	534.0



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	290.6	317.3	337.2	350.8	361.9	376.3	394.6	416.9	442.0	467.9	511.9
-25°	285.0	311.3	331.5	346.1	358.4	371.8	389.8	412.4	436.8	457.4	489.1
-27.5°	278.5	304.7	325.2	340.9	353.9	366.4	383.8	405.8	425.1	443.9	466.7
-30°	271.4	296.5	318.4	334.6	348.0	360.8	376.5	393.5	411.3	429.0	449.6
-32.5°	263.3	287.7	309.5	326.7	341.2	354.1	367.4	382.2	397.4	412.8	430.5
-35°	254.2	277.9	299.5	318.2	333.7	346.5	359.3	371.6	384.4	397.9	412.4
-37.5°	244.4	267.8	289.2	308.2	323.9	338.6	351.1	362.4	373.5	384.2	396.6
-40°	234.1	257.3	277.9	296.7	314.5	329.6	342.2	353.6	363.5	373.2	382.4
-42.5°	223.6	245.7	266.2	285.2	303.4	319.4	332.9	344.0	354.1	362.6	371.1
-45°	212.6	233.8	254.0	273.1	291.6	308.2	321.9	333.9	343.7	352.4	360.1
-47.5°	201.1	221.4	240.9	260.5	278.6	295.4	310.3	322.2	332.9	341.6	349.2
-50°	189.0	208.2	227.8	246.6	264.6	281.5	296.6	309.3	320.2	329.9	338.0
-52.5°	176.0	194.4	213.5	232.1	249.5	266.0	281.1	294.3	305.8	316.3	324.9
-55°	162.8	180.4	198.6	216.4	233.5	249.4	263.9	277.0	289.6	299.8	309.7
-57.5°	149.5	166.1	183.0	199.9	216.2	231.8	245.3	258.3	270.1	281.3	291.7
-60°	136.0	151.4	166.9	182.6	198.2	212.6	225.9	238.1	249.6	260.6	270.5
-62.5°	122.2	136.5	150.6	164.6	178.9	192.6	204.9	216.7	228.0	237.9	247.5
-65°	108.1	121.2	134.1	146.7	159.0	171.5	183.3	194.4	204.6	214.0	222.8
-67.5°	93.7	105.4	117.1	128.8	139.9	150.4	161.2	171.5	181.0	189.2	197.1
-70°	79.9	89.4	99.5	109.8	119.9	129.0	138.0	147.2	156.4	164.3	171.2
-72.5°	66.1	74.4	82.5	90.5	99.0	107.2	114.9	122.0	129.3	136.8	143.7
-75°	53.8	59.4	66.3	73.0	79.6	86.0	92.3	98.6	104.7	110.5	116.0
-77.5°	42.5	47.0	51.5	56.2	61.0	66.3	71.4	76.4	81.0	85.4	89.8
-80°	31.6	34.4	37.7	41.1	44.5	48.0	51.5	55.0	58.0	61.0	64.0
-82.5°	21.7	23.9	25.9	27.8	29.5	30.9	32.5	34.7	37.5	40.2	42.5
-85°	12.4	13.4	14.9	16.3	17.6	18.8	19.8	20.8	22.1	23.4	24.8
-87.5°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
-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: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	11.0	10.8	10.6	10.4	10.1	10.8	11.5	12.2	12.9	13.1	13.2
85°	26.1	26.9	27.7	28.5	29.2	30.1	30.8	31.5	32.0	33.0	33.8
82.5°	44.5	46.3	48.0	49.6	51.0	52.7	54.3	55.9	57.3	58.2	58.9
80°	67.0	70.0	72.8	75.2	77.3	79.9	82.5	84.8	87.0	88.3	89.4
77.5°	94.1	97.9	101.3	104.7	107.8	110.8	113.4	115.4	117.1	119.1	121.0
75°	121.2	126.2	131.0	135.2	139.0	142.3	145.3	148.1	150.6	152.9	154.8
72.5°	150.0	155.7	160.7	165.4	169.8	174.1	178.2	181.8	184.9	187.6	189.8
70°	177.6	183.8	190.0	195.8	201.2	206.0	210.4	214.2	217.6	220.5	222.9
67.5°	204.4	211.5	218.5	225.0	230.8	235.9	240.8	245.4	249.5	252.7	254.8
65°	231.0	238.9	246.3	253.0	258.9	264.3	269.9	274.7	278.8	281.8	283.8
62.5°	256.8	265.3	272.6	279.5	286.2	291.9	296.6	301.0	305.1	308.4	310.4
60°	279.9	288.7	295.9	302.4	308.5	314.0	318.7	323.3	327.6	331.5	334.4
57.5°	300.3	308.5	315.7	321.6	327.0	332.0	336.6	340.4	343.4	345.7	347.7
55°	318.1	325.3	332.2	337.9	342.7	346.7	350.1	352.8	354.9	356.4	357.6
52.5°	333.2	340.0	346.7	352.3	356.0	359.3	362.2	365.4	367.3	367.6	367.5
50°	345.4	352.6	358.6	363.6	368.6	374.2	380.1	383.0	384.2	383.4	382.4
47.5°	356.6	363.5	370.1	376.4	383.7	393.0	402.6	407.1	406.7	404.7	403.7
45°	367.6	375.1	382.9	392.5	402.6	414.8	426.0	432.9	433.0	433.2	434.8
42.5°	379.0	388.4	399.0	412.1	425.5	439.1	450.9	459.6	466.0	474.0	480.6
40°	393.0	403.6	419.4	435.6	453.0	467.5	485.9	501.6	514.6	526.4	535.3
37.5°	409.5	424.7	444.8	465.6	488.1	510.7	532.2	552.2	569.3	588.8	603.3
35°	429.3	450.9	475.4	501.4	529.4	558.1	585.7	617.7	645.7	670.8	691.3
32.5°	452.5	478.6	508.5	543.1	578.1	616.0	655.8	696.7	736.2	777.4	818.5
30°	475.7	510.2	548.4	590.4	631.5	681.1	732.8	799.8	870.1	950.3	1073.5
27.5°	504.0	545.2	589.7	637.9	694.5	757.9	827.5	901.5	981.1	1073.1	1175.8
25°	531.7	578.7	635.8	698.5	774.4	859.5	950.5	1047.4	1150.4	1259.7	1375.2
22.5°	559.8	618.3	686.8	763.2	853.3	953.9	1064.4	1184.9	1315.5	1443.3	1575.7
20°	588.1	657.1	742.9	840.4	946.8	1067.7	1195.2	1330.2	1475.7	1621.6	1774.1
17.5°	620.0	705.5	817.6	949.4	1094.7	1255.9	1435.3	1634.1	1850.7	2085.4	2339.0
15°	646.3	746.5	896.6	1071.6	1271.1	1483.6	1715.1	1976.2	2265.4	2583.8	2931.9
12.5°	675.4	792.0	989.4	1214.3	1464.8	1745.7	2052.5	2394.8	2774.8	3192.9	3649.9
10°	702.3	837.7	1145.1	1425.8	1745.6	2138.9	2557.4	3023.7	3538.4	4102.5	4716.9
7.5°	724.8	874.0	1262.1	1625.9	2096.0	2676.9	3381.3	4153.7	5003.7	5932.5	6949.7
5°	740.2	898.1	1343.5	1751.2	2307.0	2951.7	3734.9	4646.0	5603.3	6635.1	7744.9
2.5°	751.0	911.1	1386.9	1844.7	2493.2	3213.8	4116.5	5140.6	6264.9	7481.3	8786.9
0°	759.1	914.9	1395.7	1869.2	2539.8	3283.0	4269.2	5385.1	6633.7	7982.2	9435.5
-2.5°	751.0	911.1	1386.9	1844.7	2493.2	3213.8	4116.5	5140.6	6264.9	7481.3	8786.9
-5°	740.2	898.1	1343.5	1751.2	2307.0	2951.7	3734.9	4646.0	5603.3	6635.1	7744.9
-7.5°	724.8	874.0	1262.1	1625.9	2096.0	2676.9	3381.3	4153.7	5003.7	5932.5	6949.7
-10°	702.3	837.7	1145.1	1425.8	1745.6	2138.9	2557.4	3023.7	3538.4	4102.5	4716.9
-12.5°	675.4	792.0	989.4	1214.3	1464.8	1745.7	2052.5	2394.8	2774.8	3192.9	3649.9
-15°	646.3	746.5	896.6	1071.6	1271.1	1483.6	1715.1	1976.2	2265.4	2583.8	2931.9
-17.5°	620.0	705.5	817.6	949.4	1094.7	1255.9	1435.3	1634.1	1850.7	2085.4	2339.0
-20°	588.1	657.1	742.9	840.4	946.8	1067.7	1195.2	1330.2	1475.7	1621.6	1774.1



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	559.8	618.3	686.8	763.2	895.3	1193.9	1647.4	2477.9	3425.5	4431.3	5455.7
-25°	531.7	578.7	635.8	698.5	774.4	890.5	1128.5	1404.0	2017.4	2591.7	3255.2
-27.5°	504.0	545.2	589.7	637.9	694.5	757.9	857.5	981.5	1193.1	1351.2	1775.8
-30°	475.7	510.2	548.4	590.4	631.5	681.1	732.8	799.8	870.1	950.3	1073.5
-32.5°	452.5	478.6	508.5	543.1	578.1	616.0	655.8	696.7	736.2	777.4	818.5
-35°	429.3	450.9	475.4	501.4	529.4	558.1	585.7	617.7	645.7	670.8	691.3
-37.5°	409.5	424.7	444.8	465.6	488.1	510.7	532.2	552.2	569.3	588.8	603.3
-40°	393.0	403.6	419.4	435.6	453.0	467.5	485.9	501.6	514.6	526.4	535.3
-42.5°	379.0	388.4	399.0	412.1	425.5	439.1	450.9	459.6	466.0	474.0	480.6
-45°	367.6	375.1	382.9	392.5	402.6	414.8	426.0	432.9	433.0	433.2	434.8
-47.5°	356.6	363.5	370.1	376.4	383.7	393.0	402.6	407.1	406.7	404.7	403.7
-50°	345.4	352.6	358.6	363.6	368.6	374.2	380.1	383.0	384.2	383.4	382.4
-52.5°	333.2	340.0	346.7	352.3	356.0	359.3	362.2	365.4	367.3	367.6	367.5
-55°	318.1	325.3	332.2	337.9	342.7	346.7	350.1	352.8	354.9	356.4	357.6
-57.5°	300.3	308.5	315.7	321.6	327.0	332.0	336.6	340.4	343.4	345.7	347.7
-60°	279.9	288.7	295.9	302.4	308.5	314.0	318.7	323.3	327.6	331.5	334.4
-62.5°	256.8	265.3	272.6	279.5	286.2	291.9	296.6	301.0	305.1	308.4	310.4
-65°	231.0	238.9	246.3	253.0	258.9	264.3	269.9	274.7	278.8	281.8	283.8
-67.5°	204.4	211.5	218.5	225.0	230.8	235.9	240.8	245.4	249.5	252.7	254.8
-70°	177.6	183.8	190.0	195.8	201.2	206.0	210.4	214.2	217.6	220.5	222.9
-72.5°	150.0	155.7	160.7	165.4	169.8	174.1	178.2	181.8	184.9	187.6	189.8
-75°	121.2	126.2	131.0	135.2	139.0	142.3	145.3	148.1	150.6	152.9	154.8
-77.5°	94.1	97.9	101.3	104.7	107.8	110.8	113.4	115.4	117.1	119.1	121.0
-80°	67.0	70.0	72.8	75.2	77.3	79.9	82.5	84.8	87.0	88.3	89.4
-82.5°	44.5	46.3	48.0	49.6	51.0	52.7	54.3	55.9	57.3	58.2	58.9
-85°	26.1	26.9	27.7	28.5	29.2	30.1	30.8	31.5	32.0	33.0	33.8
-87.5°	11.0	10.8	10.6	10.4	10.1	10.8	11.5	12.2	12.9	13.1	13.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	13.3	13.3	13.4	13.4	13.4	13.3	13.3	13.2	13.1	12.9	12.2
85°	34.7	35.4	34.5	33.4	34.5	35.4	34.7	33.8	33.0	32.0	31.5
82.5°	59.5	59.8	60.0	60.1	60.0	59.8	59.5	58.9	58.2	57.3	55.9
80°	90.2	90.8	92.3	93.5	92.3	90.8	90.2	89.4	88.3	87.0	84.8
77.5°	122.7	124.0	124.5	124.7	124.5	124.0	122.7	121.0	119.1	117.1	115.4
75°	156.2	157.2	160.0	162.5	160.0	157.2	156.2	154.8	152.9	150.6	148.1
72.5°	191.5	192.7	194.5	195.9	194.5	192.7	191.5	189.8	187.6	184.9	181.8
70°	224.7	226.0	226.8	227.1	226.8	226.0	224.7	222.9	220.5	217.6	214.2
67.5°	256.3	257.2	256.9	256.0	256.9	257.2	256.3	254.8	252.7	249.5	245.4
65°	285.3	286.1	285.9	284.9	285.9	286.1	285.3	283.8	281.8	278.8	274.7
62.5°	311.9	312.8	313.6	313.9	313.6	312.8	311.9	310.4	308.4	305.1	301.0
60°	337.0	339.1	340.3	340.6	340.3	339.1	337.0	334.4	331.5	327.6	323.3
57.5°	349.5	350.9	351.5	351.7	351.5	350.9	349.5	347.7	345.7	343.4	340.4
55°	358.1	358.2	357.5	356.2	357.5	358.2	358.1	357.6	356.4	354.9	352.8
52.5°	366.8	365.5	365.0	365.1	365.0	365.5	366.8	367.5	367.6	367.3	365.4
50°	381.2	379.1	378.2	378.4	378.2	379.1	381.2	382.4	383.4	384.2	383.0
47.5°	405.1	406.0	406.8	407.4	406.8	406.0	405.1	403.7	404.7	406.7	407.1
45°	439.3	442.4	444.4	445.2	444.4	442.4	439.3	434.8	433.2	433.0	432.9
42.5°	487.2	491.0	492.5	492.0	492.5	491.0	487.2	480.6	474.0	466.0	459.6
40°	544.7	552.2	556.5	556.5	556.5	552.2	544.7	535.3	526.4	514.6	501.6
37.5°	616.4	626.5	631.5	630.0	631.5	626.5	616.4	603.3	588.8	569.3	552.2
35°	706.9	716.8	721.0	725.7	721.0	716.8	706.9	691.3	670.8	645.7	617.7
32.5°	850.9	871.2	879.2	868.2	879.2	871.2	850.9	818.5	777.4	736.2	696.7
30°	1156.8	1230.7	1280.2	1304.5	1280.2	1230.7	1156.8	1073.5	950.3	870.1	799.8
27.5°	2068.1	2261.5	2343.3	2388.6	2343.3	2261.5	2068.1	1775.8	1351.2	1193.1	981.5
25°	3823.3	4236.1	4473.6	4454.3	4473.6	4236.1	3823.3	3255.2	2591.7	2017.4	1404.0
22.5°	6407.6	7058.9	7449.5	7593.1	7449.5	7058.9	6407.6	5455.7	4431.3	3425.5	2477.9
20°	9611.4	10341.7	10723.6	10780.8	10723.6	10341.7	9611.4	8424.1	7001.6	5356.7	4010.2
17.5°	13288.3	13980.7	14383.1	14378.1	14383.1	13980.7	13288.3	11891.0	10115.4	8000.7	5917.1
15°	18964.9	21644.7	23155.8	22935.0	23155.8	21644.7	18964.9	15859.1	13578.8	10905.4	8064.2
12.5°	31075.3	41778.5	48417.7	50057.2	48417.7	41778.5	31075.3	23212.9	17412.9	13749.8	10341.4
10°	54914.2	70926.9	83714.8	87410.4	83714.8	70926.9	54914.2	37431.9	23721.5	16387.4	12253.9
7.5°	78990.5	97994.9	105816.1	106724.8	105816.1	97994.9	78990.5	55496.7	32425.5	20103.7	13889.1
5°	97163.3	116501.1	118739.3	113116.9	118739.3	116501.1	97163.3	70844.9	43065.1	23895.3	14966.0
2.5°	109159.0	123768.8	125855.3	122829.2	125855.3	123768.8	109159.0	81766.9	49219.3	26440.9	15690.6
0°	111894.7	121836.3	124800.3	125124.2	124800.3	121836.3	111894.7	85658.5	51622.2	27313.7	15885.1
-2.5°	109159.0	123768.8	125855.3	122829.2	125855.3	123768.8	109159.0	81766.9	49219.3	26440.9	15690.6
-5°	97163.3	116501.1	118739.3	113116.9	118739.3	116501.1	97163.3	70844.9	43065.1	23895.3	14966.0
-7.5°	78990.5	97994.9	105816.1	106724.8	105816.1	97994.9	78990.5	55496.7	32425.5	20103.7	13889.1
-10°	54914.2	70926.9	83714.8	87410.4	83714.8	70926.9	54914.2	37431.9	23721.5	16387.4	12253.9
-12.5°	31075.3	41778.5	48417.7	50057.2	48417.7	41778.5	31075.3	23212.9	17412.9	13749.8	10341.4
-15°	18964.9	21644.7	23155.8	22935.0	23155.8	21644.7	18964.9	15859.1	13578.8	10905.4	8064.2
-17.5°	13288.3	13980.7	14383.1	14378.1	14383.1	13980.7	13288.3	11891.0	10115.4	8000.7	5917.1
-20°	9611.4	10341.7	10723.6	10780.8	10723.6	10341.7	9611.4	8424.1	7001.6	5356.7	4010.2



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	6407.6	7058.9	7449.5	7593.1	7449.5	7058.9	6407.6	5455.7	4431.3	3425.5	2477.9
-25°	3823.3	4236.1	4473.6	4454.3	4473.6	4236.1	3823.3	3255.2	2591.7	2017.4	1404.0
-27.5°	2068.1	2261.5	2343.3	2388.6	2343.3	2261.5	2068.1	1775.8	1351.2	1193.1	981.5
-30°	1156.8	1230.7	1280.2	1304.5	1280.2	1230.7	1156.8	1073.5	950.3	870.1	799.8
-32.5°	850.9	871.2	879.2	868.2	879.2	871.2	850.9	818.5	777.4	736.2	696.7
-35°	706.9	716.8	721.0	725.7	721.0	716.8	706.9	691.3	670.8	645.7	617.7
-37.5°	616.4	626.5	631.5	630.0	631.5	626.5	616.4	603.3	588.8	569.3	552.2
-40°	544.7	552.2	556.5	556.5	556.5	552.2	544.7	535.3	526.4	514.6	501.6
-42.5°	487.2	491.0	492.5	492.0	492.5	491.0	487.2	480.6	474.0	466.0	459.6
-45°	439.3	442.4	444.4	445.2	444.4	442.4	439.3	434.8	433.2	433.0	432.9
-47.5°	405.1	406.0	406.8	407.4	406.8	406.0	405.1	403.7	404.7	406.7	407.1
-50°	381.2	379.1	378.2	378.4	378.2	379.1	381.2	382.4	383.4	384.2	383.0
-52.5°	366.8	365.5	365.0	365.1	365.0	365.5	366.8	367.5	367.6	367.3	365.4
-55°	358.1	358.2	357.5	356.2	357.5	358.2	358.1	357.6	356.4	354.9	352.8
-57.5°	349.5	350.9	351.5	351.7	351.5	350.9	349.5	347.7	345.7	343.4	340.4
-60°	337.0	339.1	340.3	340.6	340.3	339.1	337.0	334.4	331.5	327.6	323.3
-62.5°	311.9	312.8	313.6	313.9	313.6	312.8	311.9	310.4	308.4	305.1	301.0
-65°	285.3	286.1	285.9	284.9	285.9	286.1	285.3	283.8	281.8	278.8	274.7
-67.5°	256.3	257.2	256.9	256.0	256.9	257.2	256.3	254.8	252.7	249.5	245.4
-70°	224.7	226.0	226.8	227.1	226.8	226.0	224.7	222.9	220.5	217.6	214.2
-72.5°	191.5	192.7	194.5	195.9	194.5	192.7	191.5	189.8	187.6	184.9	181.8
-75°	156.2	157.2	160.0	162.5	160.0	157.2	156.2	154.8	152.9	150.6	148.1
-77.5°	122.7	124.0	124.5	124.7	124.5	124.0	122.7	121.0	119.1	117.1	115.4
-80°	90.2	90.8	92.3	93.5	92.3	90.8	90.2	89.4	88.3	87.0	84.8
-82.5°	59.5	59.8	60.0	60.1	60.0	59.8	59.5	58.9	58.2	57.3	55.9
-85°	34.7	35.4	34.5	33.4	34.5	35.4	34.7	33.8	33.0	32.0	31.5
-87.5°	13.3	13.3	13.4	13.4	13.4	13.3	13.3	13.2	13.1	12.9	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	11.5	10.8	10.1	10.4	10.6	10.8	11.0	10.6	10.3	9.9	9.5
85°	30.8	30.1	29.2	28.5	27.7	26.9	26.1	24.8	23.4	22.1	20.8
82.5°	54.3	52.7	51.0	49.6	48.0	46.3	44.5	42.5	40.2	37.5	34.7
80°	82.5	79.9	77.3	75.2	72.8	70.0	67.0	64.0	61.0	58.0	55.0
77.5°	113.4	110.8	107.8	104.7	101.3	97.9	94.1	89.8	85.4	81.0	76.4
75°	145.3	142.3	139.0	135.2	131.0	126.2	121.2	116.0	110.5	104.7	98.6
72.5°	178.2	174.1	169.8	165.4	160.7	155.7	150.0	143.7	136.8	129.3	122.0
70°	210.4	206.0	201.2	195.8	190.0	183.8	177.6	171.2	164.3	156.4	147.2
67.5°	240.8	235.9	230.8	225.0	218.5	211.5	204.4	197.1	189.2	181.0	171.5
65°	269.9	264.3	258.9	253.0	246.3	238.9	231.0	222.8	214.0	204.6	194.4
62.5°	296.6	291.9	286.2	279.5	272.6	265.3	256.8	247.5	237.9	228.0	216.7
60°	318.7	314.0	308.5	302.4	295.9	288.7	279.9	270.5	260.6	249.6	238.1
57.5°	336.6	332.0	327.0	321.6	315.7	308.5	300.3	291.7	281.3	270.1	258.3
55°	350.1	346.7	342.7	337.9	332.2	325.3	318.1	309.7	299.8	289.6	277.0
52.5°	362.2	359.3	356.0	352.3	346.7	340.0	333.2	324.9	316.3	305.8	294.3
50°	380.1	374.2	368.6	363.6	358.6	352.6	345.4	338.0	329.9	320.2	309.3
47.5°	402.6	393.0	383.7	376.4	370.1	363.5	356.6	349.2	341.6	332.9	322.2
45°	426.0	414.8	402.6	392.5	382.9	375.1	367.6	360.1	352.4	343.7	333.9
42.5°	450.9	439.1	425.5	412.1	399.0	388.4	379.0	371.1	362.6	354.1	344.0
40°	485.9	467.5	453.0	435.6	419.4	403.6	393.0	382.4	373.2	363.5	353.6
37.5°	532.2	510.7	488.1	465.6	444.8	424.7	409.5	396.6	384.2	373.5	362.4
35°	585.7	558.1	529.4	501.4	475.4	450.9	429.3	412.4	397.9	384.4	371.6
32.5°	655.8	616.0	578.1	543.1	508.5	478.6	452.5	430.5	412.8	397.4	382.2
30°	732.8	681.1	631.5	590.4	548.4	510.2	475.7	449.6	429.0	411.3	393.5
27.5°	857.5	757.9	694.5	637.9	589.7	545.2	504.0	466.7	443.9	425.1	405.8
25°	1128.5	890.5	774.4	698.5	635.8	578.7	531.7	489.1	457.4	436.8	412.4
22.5°	1647.4	1193.9	895.3	763.2	686.8	618.3	559.8	511.9	467.9	442.0	416.9
20°	2675.7	1657.7	1146.8	870.4	742.9	657.1	588.1	534.0	485.3	447.9	420.1
17.5°	4065.3	2559.6	1464.7	1009.4	817.6	705.5	620.0	554.3	501.0	454.2	421.9
15°	5554.1	3583.6	2131.1	1271.6	896.6	746.5	646.3	573.1	515.5	463.9	426.6
12.5°	7252.5	4655.7	2745.8	1484.3	989.4	792.0	675.4	593.7	529.9	475.4	434.1
10°	8773.4	5738.9	3454.6	1925.8	1145.1	837.7	702.3	612.0	543.4	484.9	439.9
7.5°	10013.3	6760.9	4096.0	2254.9	1262.1	874.0	724.8	627.3	554.5	491.9	444.1
5°	10805.9	7514.7	4607.0	2501.2	1343.5	898.1	740.2	638.7	562.8	496.3	446.8
2.5°	11367.5	8013.8	4930.2	2644.7	1386.9	911.1	751.0	645.6	569.0	501.7	451.1
0°	11395.2	8183.0	5039.8	2769.2	1395.7	914.9	759.1	647.8	572.1	505.3	454.1
-2.5°	11367.5	8013.8	4930.2	2644.7	1386.9	911.1	751.0	645.6	569.0	501.7	451.1
-5°	10805.9	7514.7	4607.0	2501.2	1343.5	898.1	740.2	638.7	562.8	496.3	446.8
-7.5°	10013.3	6760.9	4096.0	2254.9	1262.1	874.0	724.8	627.3	554.5	491.9	444.1
-10°	8773.4	5738.9	3454.6	1925.8	1145.1	837.7	702.3	612.0	543.4	484.9	439.9
-12.5°	7252.5	4655.7	2745.8	1484.3	989.4	792.0	675.4	593.7	529.9	475.4	434.1
-15°	5554.1	3583.6	2131.1	1271.6	896.6	746.5	646.3	573.1	515.5	463.9	426.6
-17.5°	4065.3	2559.6	1464.7	1009.4	817.6	705.5	620.0	554.3	501.0	454.2	421.9
-20°	2675.7	1657.7	1146.8	870.4	742.9	657.1	588.1	534.0	485.3	447.9	420.1



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1647.4	1193.9	895.3	763.2	686.8	618.3	559.8	511.9	467.9	442.0	416.9
-25°	1128.5	890.5	774.4	698.5	635.8	578.7	531.7	489.1	457.4	436.8	412.4
-27.5°	857.5	757.9	694.5	637.9	589.7	545.2	504.0	466.7	443.9	425.1	405.8
-30°	732.8	681.1	631.5	590.4	548.4	510.2	475.7	449.6	429.0	411.3	393.5
-32.5°	655.8	616.0	578.1	543.1	508.5	478.6	452.5	430.5	412.8	397.4	382.2
-35°	585.7	558.1	529.4	501.4	475.4	450.9	429.3	412.4	397.9	384.4	371.6
-37.5°	532.2	510.7	488.1	465.6	444.8	424.7	409.5	396.6	384.2	373.5	362.4
-40°	485.9	467.5	453.0	435.6	419.4	403.6	393.0	382.4	373.2	363.5	353.6
-42.5°	450.9	439.1	425.5	412.1	399.0	388.4	379.0	371.1	362.6	354.1	344.0
-45°	426.0	414.8	402.6	392.5	382.9	375.1	367.6	360.1	352.4	343.7	333.9
-47.5°	402.6	393.0	383.7	376.4	370.1	363.5	356.6	349.2	341.6	332.9	322.2
-50°	380.1	374.2	368.6	363.6	358.6	352.6	345.4	338.0	329.9	320.2	309.3
-52.5°	362.2	359.3	356.0	352.3	346.7	340.0	333.2	324.9	316.3	305.8	294.3
-55°	350.1	346.7	342.7	337.9	332.2	325.3	318.1	309.7	299.8	289.6	277.0
-57.5°	336.6	332.0	327.0	321.6	315.7	308.5	300.3	291.7	281.3	270.1	258.3
-60°	318.7	314.0	308.5	302.4	295.9	288.7	279.9	270.5	260.6	249.6	238.1
-62.5°	296.6	291.9	286.2	279.5	272.6	265.3	256.8	247.5	237.9	228.0	216.7
-65°	269.9	264.3	258.9	253.0	246.3	238.9	231.0	222.8	214.0	204.6	194.4
-67.5°	240.8	235.9	230.8	225.0	218.5	211.5	204.4	197.1	189.2	181.0	171.5
-70°	210.4	206.0	201.2	195.8	190.0	183.8	177.6	171.2	164.3	156.4	147.2
-72.5°	178.2	174.1	169.8	165.4	160.7	155.7	150.0	143.7	136.8	129.3	122.0
-75°	145.3	142.3	139.0	135.2	131.0	126.2	121.2	116.0	110.5	104.7	98.6
-77.5°	113.4	110.8	107.8	104.7	101.3	97.9	94.1	89.8	85.4	81.0	76.4
-80°	82.5	79.9	77.3	75.2	72.8	70.0	67.0	64.0	61.0	58.0	55.0
-82.5°	54.3	52.7	51.0	49.6	48.0	46.3	44.5	42.5	40.2	37.5	34.7
-85°	30.8	30.1	29.2	28.5	27.7	26.9	26.1	24.8	23.4	22.1	20.8
-87.5°	11.5	10.8	10.1	10.4	10.6	10.8	11.0	10.6	10.3	9.9	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558991 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.0
85°	19.8	18.8	17.6	16.3	14.9	13.4	12.4	11.3	10.2	9.2	8.0
82.5°	32.5	30.9	29.5	27.8	25.9	23.9	21.7	19.3	16.5	13.9	12.1
80°	51.5	48.0	44.5	41.1	37.7	34.4	31.6	28.5	24.7	21.0	17.4
77.5°	71.4	66.3	61.0	56.2	51.5	47.0	42.5	37.9	32.8	28.1	23.5
75°	92.3	86.0	79.6	73.0	66.3	59.4	53.8	48.1	41.8	35.2	29.4
72.5°	114.9	107.2	99.0	90.5	82.5	74.4	66.1	58.1	51.1	43.6	35.8
70°	138.0	129.0	119.9	109.8	99.5	89.4	79.9	70.2	60.4	52.0	43.3
67.5°	161.2	150.4	139.9	128.8	117.1	105.4	93.7	82.7	71.6	60.4	50.7
65°	183.3	171.5	159.0	146.7	134.1	121.2	108.1	95.2	82.7	70.2	58.0
62.5°	204.9	192.6	178.9	164.6	150.6	136.5	122.2	108.0	93.7	79.9	66.1
60°	225.9	212.6	198.2	182.6	166.9	151.4	136.0	120.7	105.1	89.4	74.4
57.5°	245.3	231.8	216.2	199.9	183.0	166.1	149.5	133.0	116.2	99.2	82.5
55°	263.9	249.4	233.5	216.4	198.6	180.4	162.8	145.1	127.1	108.8	90.5
52.5°	281.1	266.0	249.5	232.1	213.5	194.4	176.0	156.8	137.6	118.3	98.7
50°	296.6	281.5	264.6	246.6	227.8	208.2	189.0	168.6	147.9	127.4	106.7
47.5°	310.3	295.4	278.6	260.5	240.9	221.4	201.1	180.1	157.8	136.2	114.6
45°	321.9	308.2	291.6	273.1	254.0	233.8	212.6	191.4	167.9	144.7	122.2
42.5°	332.9	319.4	303.4	285.2	266.2	245.7	223.6	201.4	177.7	153.0	129.5
40°	342.2	329.6	314.5	296.7	277.9	257.3	234.1	210.8	187.2	161.1	136.4
37.5°	351.1	338.6	323.9	308.2	289.2	267.8	244.4	219.7	195.9	169.0	143.0
35°	359.3	346.5	333.7	318.2	299.5	277.9	254.2	228.2	203.3	176.5	149.2
32.5°	367.4	354.1	341.2	326.7	309.5	287.7	263.3	236.4	210.2	183.5	155.1
30°	376.5	360.8	348.0	334.6	318.4	296.5	271.4	243.9	216.8	190.0	160.7
27.5°	383.8	366.4	353.9	340.9	325.2	304.7	278.5	250.7	222.8	195.7	166.0
25°	389.8	371.8	358.4	346.1	331.5	311.3	285.0	256.8	228.5	200.6	170.8
22.5°	394.6	376.3	361.9	350.8	337.2	317.3	290.6	262.1	233.5	205.1	175.2
20°	397.3	379.6	364.6	354.7	342.0	321.7	295.5	266.8	237.9	209.2	179.1
17.5°	398.1	382.1	367.9	357.4	345.7	326.1	299.7	270.9	241.6	212.8	182.5
15°	401.9	384.3	370.4	359.6	348.7	330.5	303.4	274.5	244.8	216.0	185.5
12.5°	405.9	386.1	372.1	361.4	351.3	334.6	306.4	277.4	247.3	218.7	188.0
10°	409.3	387.2	372.9	362.8	353.3	338.4	308.7	279.7	250.0	220.9	190.0
7.5°	412.1	387.9	373.1	363.9	354.9	341.5	310.9	281.5	252.2	222.6	191.6
5°	414.2	388.1	372.9	364.6	356.3	343.4	312.5	282.6	254.0	223.8	192.8
2.5°	415.7	388.0	372.5	365.0	357.5	344.6	313.6	282.9	255.3	224.6	193.5
0°	416.3	387.3	371.8	365.1	358.4	345.0	313.9	282.7	256.0	224.8	193.7
-2.5°	415.7	388.0	372.5	365.0	357.5	344.6	313.6	282.9	255.3	224.6	193.5
-5°	414.2	388.1	372.9	364.6	356.3	343.4	312.5	282.6	254.0	223.8	192.8
-7.5°	412.1	387.9	373.1	363.9	354.9	341.5	310.9	281.5	252.2	222.6	191.6
-10°	409.3	387.2	372.9	362.8	353.3	338.4	308.7	279.7	250.0	220.9	190.0
-12.5°	405.9	386.1	372.1	361.4	351.3	334.6	306.4	277.4	247.3	218.7	188.0
-15°	401.9	384.3	370.4	359.6	348.7	330.5	303.4	274.5	244.8	216.0	185.5
-17.5°	398.1	382.1	367.9	357.4	345.7	326.1	299.7	270.9	241.6	212.8	182.5
-20°	397.3	379.6	364.6	354.7	342.0	321.7	295.5	266.8	237.9	209.2	179.1



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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°	394.6	376.3	361.9	350.8	337.2	317.3	290.6	262.1	233.5	205.1	175.2
-25°	389.8	371.8	358.4	346.1	331.5	311.3	285.0	256.8	228.5	200.6	170.8
-27.5°	383.8	366.4	353.9	340.9	325.2	304.7	278.5	250.7	222.8	195.7	166.0
-30°	376.5	360.8	348.0	334.6	318.4	296.5	271.4	243.9	216.8	190.0	160.7
-32.5°	367.4	354.1	341.2	326.7	309.5	287.7	263.3	236.4	210.2	183.5	155.1
-35°	359.3	346.5	333.7	318.2	299.5	277.9	254.2	228.2	203.3	176.5	149.2
-37.5°	351.1	338.6	323.9	308.2	289.2	267.8	244.4	219.7	195.9	169.0	143.0
-40°	342.2	329.6	314.5	296.7	277.9	257.3	234.1	210.8	187.2	161.1	136.4
-42.5°	332.9	319.4	303.4	285.2	266.2	245.7	223.6	201.4	177.7	153.0	129.5
-45°	321.9	308.2	291.6	273.1	254.0	233.8	212.6	191.4	167.9	144.7	122.2
-47.5°	310.3	295.4	278.6	260.5	240.9	221.4	201.1	180.1	157.8	136.2	114.6
-50°	296.6	281.5	264.6	246.6	227.8	208.2	189.0	168.6	147.9	127.4	106.7
-52.5°	281.1	266.0	249.5	232.1	213.5	194.4	176.0	156.8	137.6	118.3	98.7
-55°	263.9	249.4	233.5	216.4	198.6	180.4	162.8	145.1	127.1	108.8	90.5
-57.5°	245.3	231.8	216.2	199.9	183.0	166.1	149.5	133.0	116.2	99.2	82.5
-60°	225.9	212.6	198.2	182.6	166.9	151.4	136.0	120.7	105.1	89.4	74.4
-62.5°	204.9	192.6	178.9	164.6	150.6	136.5	122.2	108.0	93.7	79.9	66.1
-65°	183.3	171.5	159.0	146.7	134.1	121.2	108.1	95.2	82.7	70.2	58.0
-67.5°	161.2	150.4	139.9	128.8	117.1	105.4	93.7	82.7	71.6	60.4	50.7
-70°	138.0	129.0	119.9	109.8	99.5	89.4	79.9	70.2	60.4	52.0	43.3
-72.5°	114.9	107.2	99.0	90.5	82.5	74.4	66.1	58.1	51.1	43.6	35.8
-75°	92.3	86.0	79.6	73.0	66.3	59.4	53.8	48.1	41.8	35.2	29.4
-77.5°	71.4	66.3	61.0	56.2	51.5	47.0	42.5	37.9	32.8	28.1	23.5
-80°	51.5	48.0	44.5	41.1	37.7	34.4	31.6	28.5	24.7	21.0	17.4
-82.5°	32.5	30.9	29.5	27.8	25.9	23.9	21.7	19.3	16.5	13.9	12.1
-85°	19.8	18.8	17.6	16.3	14.9	13.4	12.4	11.3	10.2	9.2	8.0
-87.5°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.0
-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°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
80°	14.0	11.5	9.3	7.0	4.6	2.3	0.0
77.5°	19.1	14.9	11.5	8.7	5.8	2.9	0.0
75°	24.2	19.3	14.0	10.4	6.9	3.5	0.0
72.5°	29.2	23.6	17.6	12.1	8.0	4.0	0.0
70°	34.4	27.9	21.1	13.9	9.2	4.6	0.0
67.5°	40.9	32.1	24.5	16.6	10.2	5.1	0.0
65°	47.2	36.8	28.0	19.2	11.3	5.7	0.0
62.5°	53.4	41.9	31.3	21.7	12.4	6.2	0.0
60°	59.4	46.8	34.6	24.3	13.4	6.7	0.0
57.5°	66.3	51.6	38.4	26.7	15.0	7.2	0.0
55°	73.0	56.3	42.1	29.1	16.6	7.7	0.0
52.5°	79.6	61.0	45.7	31.5	18.2	8.2	0.0
50°	86.0	66.3	49.1	33.8	19.7	8.6	0.0
47.5°	92.3	71.4	52.5	36.1	21.2	9.1	0.0
45°	98.8	76.4	55.6	38.4	22.6	9.5	0.0
42.5°	105.1	81.1	58.7	40.7	23.9	9.9	0.0
40°	111.1	85.6	61.9	42.8	25.2	10.3	0.0
37.5°	116.9	89.9	65.3	44.8	26.4	10.6	0.0
35°	122.5	94.3	68.6	46.8	27.6	11.0	0.0
32.5°	127.6	98.6	71.6	48.5	28.6	11.3	0.0
30°	132.4	102.6	74.4	50.2	29.6	11.6	0.0
27.5°	136.8	106.4	77.2	51.8	30.6	11.9	0.0
25°	140.8	109.9	79.7	53.2	31.4	12.1	0.0
22.5°	144.5	113.2	82.1	54.5	32.2	12.4	0.0
20°	147.9	116.1	84.2	55.6	32.9	12.6	0.0
17.5°	150.8	118.7	86.2	56.7	33.5	12.8	0.0
15°	153.3	120.9	87.9	57.6	34.1	12.9	0.0
12.5°	155.4	122.7	89.4	58.3	34.5	13.1	0.0
10°	157.2	124.2	90.7	59.0	34.9	13.2	0.0
7.5°	158.5	125.4	91.8	59.5	35.2	13.3	0.0
5°	159.5	126.2	92.6	59.8	35.4	13.3	0.0
2.5°	160.1	126.7	93.2	60.0	35.6	13.4	0.0
0°	160.3	126.9	93.5	60.1	35.6	13.4	0.0
-2.5°	160.1	126.7	93.2	60.0	35.6	13.4	0.0
-5°	159.5	126.2	92.6	59.8	35.4	13.3	0.0
-7.5°	158.5	125.4	91.8	59.5	35.2	13.3	0.0
-10°	157.2	124.2	90.7	59.0	34.9	13.2	0.0
-12.5°	155.4	122.7	89.4	58.3	34.5	13.1	0.0
-15°	153.3	120.9	87.9	57.6	34.1	12.9	0.0
-17.5°	150.8	118.7	86.2	56.7	33.5	12.8	0.0
-20°	147.9	116.1	84.2	55.6	32.9	12.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	144.5	113.2	82.1	54.5	32.2	12.4	0.0
-25°	140.8	109.9	79.7	53.2	31.4	12.1	0.0
-27.5°	136.8	106.4	77.2	51.8	30.6	11.9	0.0
-30°	132.4	102.6	74.4	50.2	29.6	11.6	0.0
-32.5°	127.6	98.6	71.6	48.5	28.6	11.3	0.0
-35°	122.5	94.3	68.6	46.8	27.6	11.0	0.0
-37.5°	116.9	89.9	65.3	44.8	26.4	10.6	0.0
-40°	111.1	85.6	61.9	42.8	25.2	10.3	0.0
-42.5°	105.1	81.1	58.7	40.7	23.9	9.9	0.0
-45°	98.8	76.4	55.6	38.4	22.6	9.5	0.0
-47.5°	92.3	71.4	52.5	36.1	21.2	9.1	0.0
-50°	86.0	66.3	49.1	33.8	19.7	8.6	0.0
-52.5°	79.6	61.0	45.7	31.5	18.2	8.2	0.0
-55°	73.0	56.3	42.1	29.1	16.6	7.7	0.0
-57.5°	66.3	51.6	38.4	26.7	15.0	7.2	0.0
-60°	59.4	46.8	34.6	24.3	13.4	6.7	0.0
-62.5°	53.4	41.9	31.3	21.7	12.4	6.2	0.0
-65°	47.2	36.8	28.0	19.2	11.3	5.7	0.0
-67.5°	40.9	32.1	24.5	16.6	10.2	5.1	0.0
-70°	34.4	27.9	21.1	13.9	9.2	4.6	0.0
-72.5°	29.2	23.6	17.6	12.1	8.0	4.0	0.0
-75°	24.2	19.3	14.0	10.4	6.9	3.5	0.0
-77.5°	19.1	14.9	11.5	8.7	5.8	2.9	0.0
-80°	14.0	11.5	9.3	7.0	4.6	2.3	0.0
-82.5°	10.4	8.7	7.0	5.2	3.5	1.7	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-87.5°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)