

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: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558927 (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-SA4C-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

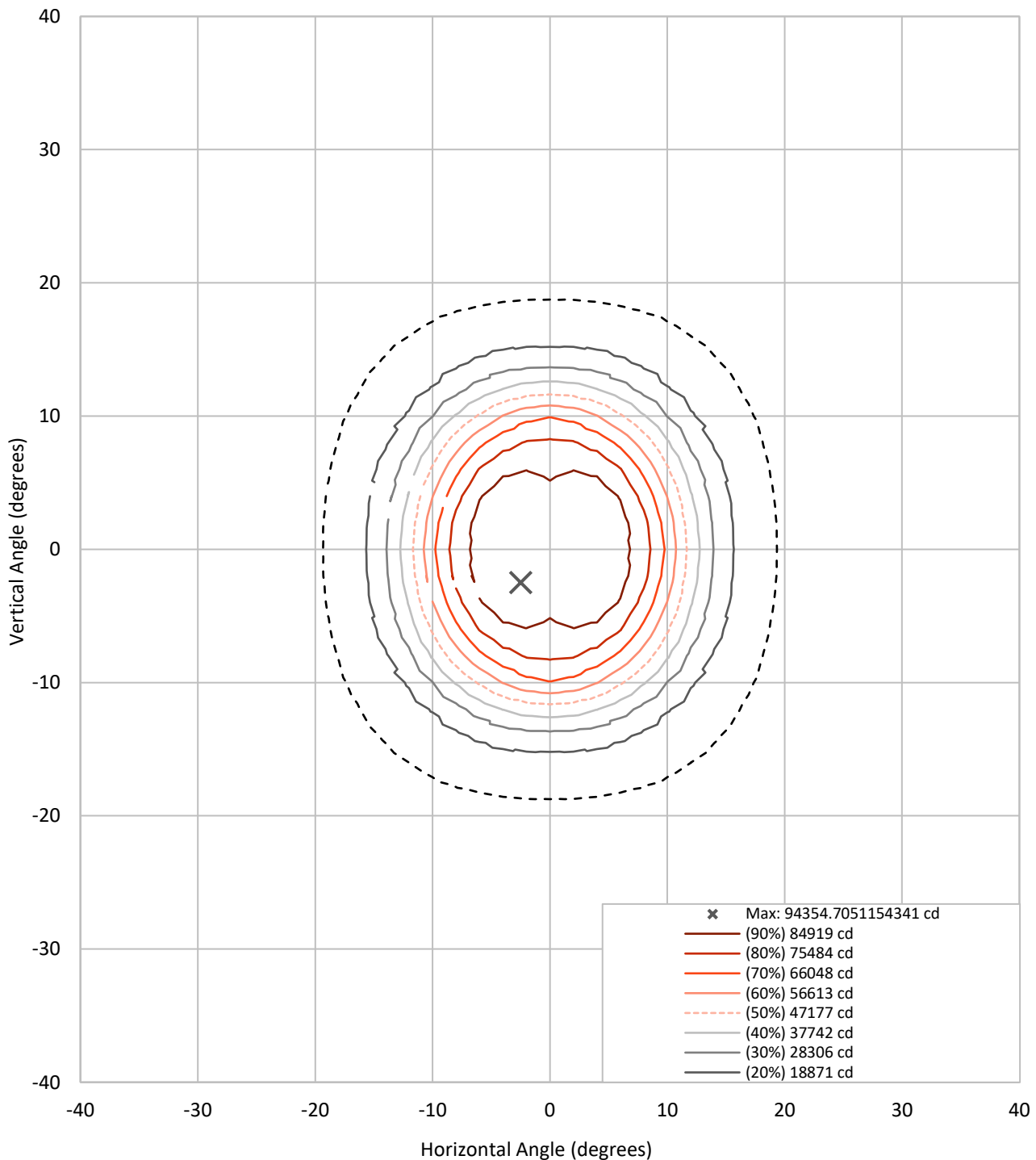
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17842.4 lumens	Max Intensity:	94354.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	108.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	9632.5 lumens	Field Lumens:	14526.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 164
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





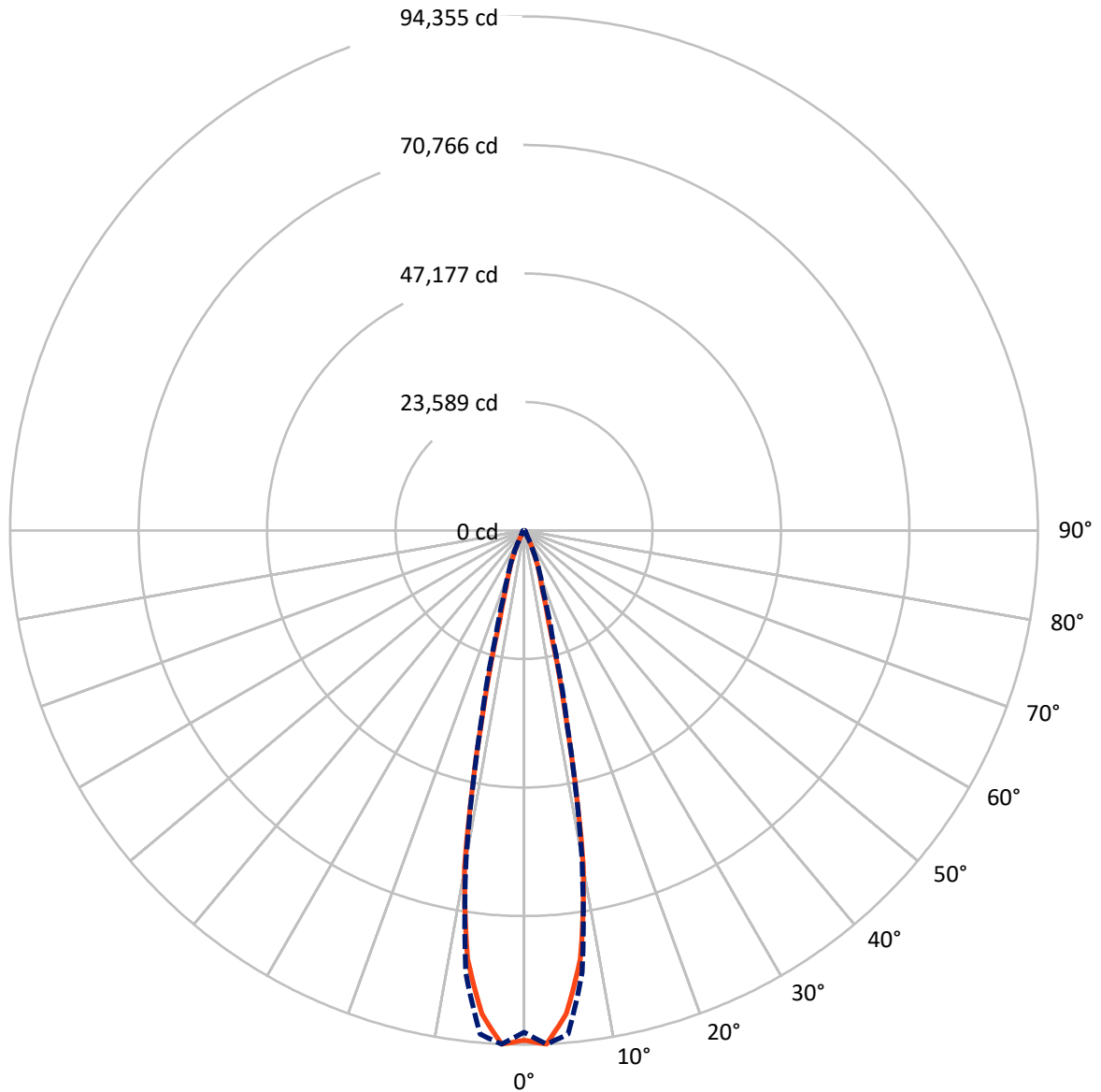
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Lumen Table

90																
80	0.2	1.8		4.8		7.7		8.9		7.7		4.8		1.8		0.2
70																
60	0.8	0.9	1.9	3.1	4.3	5.3	6.1	6.5	6.5	6.1	5.3	4.3	3.1	1.9	0.9	0.8
50		1.4	2.8	4.4	5.9	7.0	7.8	8.1	8.1	7.8	7.0	5.9	4.4	2.8	1.4	
40	1.5	1.9	3.6	5.4	6.9	8.4	9.7	10.2	10.2	9.7	8.4	6.9	5.4	3.6	1.9	1.5
30		2.2	4.1	6.0	8.1	11.1	14.6	17.5	17.5	14.6	11.1	8.1	6.0	4.1	2.2	
20	2.0	2.5	4.5	6.7	10.1	18.2	54.8	106.8	106.8	54.8	18.2	10.1	6.7	4.5	2.5	2.0
10		2.7	4.7	7.1	12.6	54.1	249.8	642.3	642.3	249.8	54.1	12.6	7.1	4.7	2.7	
0	2.2	2.8	4.8	7.4	15.1	105.4	650.5	2298.1	2298.1	650.5	105.4	15.1	7.4	4.8	2.8	2.2
-10		2.8	4.8	7.4	15.1	105.4	650.5	2298.1	2298.1	650.5	105.4	15.1	7.4	4.8	2.8	
-20	2.0	2.7	4.7	7.1	12.6	54.1	249.8	642.3	642.3	249.8	54.1	12.6	7.1	4.7	2.7	2.0
-30		2.5	4.5	6.7	10.1	18.2	54.8	106.8	106.8	54.8	18.2	10.1	6.7	4.5	2.5	
-40	1.5	2.2	4.1	6.0	8.1	11.1	14.6	17.5	17.5	14.6	11.1	8.1	6.0	4.1	2.2	1.5
-50		1.9	3.6	5.4	6.9	8.4	9.7	10.2	10.2	9.7	8.4	6.9	5.4	3.6	1.9	
-60	0.8	1.4	2.8	4.4	5.9	7.0	7.8	8.1	8.1	7.8	7.0	5.9	4.4	2.8	1.4	0.8
-70		0.9	1.9	3.1	4.3	5.3	6.1	6.5	6.5	6.1	5.3	4.3	3.1	1.9	0.9	
-80																
-90	0.2	1.8		4.8		7.7		8.9		7.7		4.8		1.8		0.2

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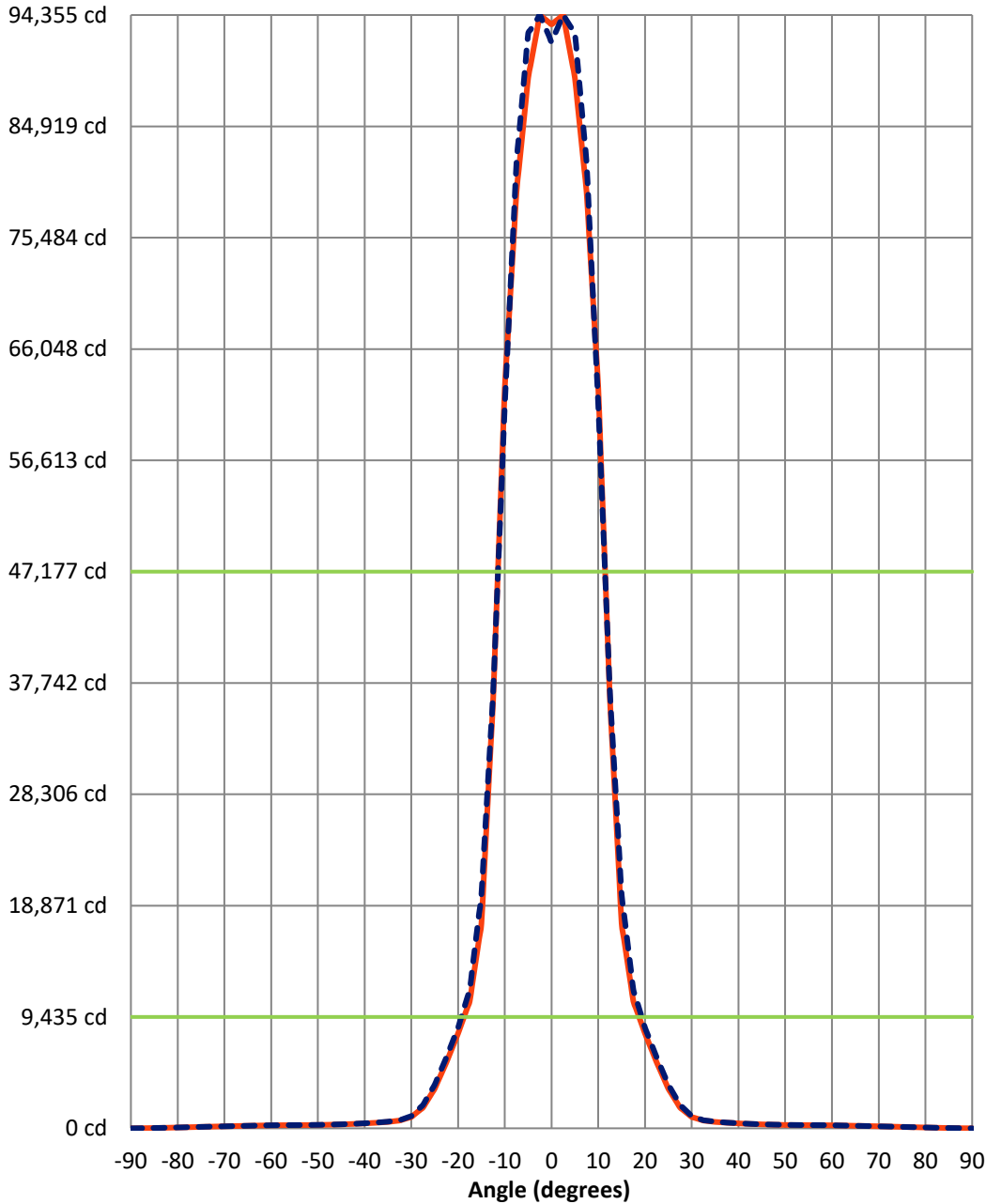
Luminous Intensity Polar Plot



— 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: 9632.5
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 14526.3
Efficiency: 81.4%

Spill:
Lumens: 3316.1
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	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.4	14.4
80°	0.0	1.7	3.5	5.2	6.9	8.6	10.5	13.0	15.7	18.5	21.4
77.5°	0.0	2.2	4.3	6.5	8.6	11.1	14.3	17.6	21.0	24.6	28.4
75°	0.0	2.6	5.2	7.7	10.5	14.4	18.1	22.0	26.4	31.3	36.1
72.5°	0.0	3.0	6.0	9.0	13.1	17.6	21.9	26.8	32.7	38.3	43.6
70°	0.0	3.4	6.8	10.4	15.8	20.9	25.8	32.4	39.0	45.3	52.7
67.5°	0.0	3.8	7.6	12.4	18.4	24.0	30.6	38.0	45.3	53.7	61.9
65°	0.0	4.2	8.4	14.3	20.9	27.6	35.4	43.5	52.7	61.9	71.3
62.5°	0.0	4.6	9.2	16.3	23.5	31.4	40.1	49.6	59.9	70.2	81.0
60°	0.0	5.0	10.0	18.2	26.0	35.1	44.6	55.8	67.0	78.8	90.5
57.5°	0.0	5.4	11.2	20.0	28.8	38.7	49.7	61.9	74.3	87.1	99.7
55°	0.0	5.7	12.4	21.8	31.6	42.3	54.8	67.8	81.6	95.3	108.8
52.5°	0.0	6.1	13.6	23.6	34.3	45.8	59.7	73.9	88.7	103.2	117.6
50°	0.0	6.4	14.8	25.3	36.9	49.7	64.5	80.0	95.5	110.9	126.4
47.5°	0.0	6.8	15.8	27.0	39.4	53.6	69.1	85.9	102.1	118.3	135.0
45°	0.0	7.1	16.9	28.8	41.7	57.2	74.0	91.6	108.5	125.9	143.5
42.5°	0.0	7.4	17.9	30.5	44.0	60.8	78.8	97.1	114.8	133.3	151.0
40°	0.0	7.7	18.9	32.1	46.4	64.1	83.3	102.3	120.8	140.4	158.1
37.5°	0.0	7.9	19.8	33.6	49.0	67.4	87.6	107.2	126.7	146.8	164.7
35°	0.0	8.2	20.6	35.1	51.4	70.6	91.8	111.9	132.3	152.4	171.1
32.5°	0.0	8.4	21.5	36.4	53.7	73.9	95.7	116.3	137.6	157.6	177.3
30°	0.0	8.7	22.2	37.7	55.8	76.9	99.2	120.5	142.4	162.6	182.9
27.5°	0.0	8.9	22.9	38.8	57.8	79.8	102.5	124.4	146.7	167.1	188.0
25°	0.0	9.1	23.6	39.9	59.7	82.4	105.6	128.1	150.4	171.3	192.5
22.5°	0.0	9.2	24.2	40.9	61.5	84.8	108.4	131.3	153.8	175.1	196.5
20°	0.0	9.4	24.7	41.8	63.1	87.0	110.9	134.3	156.9	178.4	200.0
17.5°	0.0	9.5	25.2	42.5	64.6	88.9	113.1	136.8	159.6	181.2	203.1
15°	0.0	9.7	25.6	43.2	65.9	90.6	115.0	139.1	162.0	183.6	205.8
12.5°	0.0	9.8	25.9	43.8	67.0	92.0	116.5	140.9	164.0	185.5	208.0
10°	0.0	9.8	26.2	44.3	68.0	93.1	117.9	142.5	165.6	187.4	209.7
7.5°	0.0	9.9	26.4	44.6	68.8	94.0	118.9	143.7	166.9	189.1	211.0
5°	0.0	10.0	26.6	44.9	69.4	94.6	119.6	144.5	167.9	190.4	211.8
2.5°	0.0	10.0	26.7	45.0	69.9	95.0	120.1	145.0	168.4	191.4	212.1
0°	0.0	10.0	26.7	45.1	70.1	95.1	120.2	145.2	168.6	191.9	211.9
-2.5°	0.0	10.0	26.7	45.1	70.1	95.1	120.2	145.2	168.6	191.9	211.9
-5°	0.0	10.0	26.6	44.9	69.4	94.6	119.6	144.5	167.9	190.4	211.8
-7.5°	0.0	9.9	26.4	44.6	68.8	94.0	118.9	143.7	166.9	189.1	211.0
-10°	0.0	9.8	26.2	44.3	68.0	93.1	117.9	142.5	165.6	187.4	209.7
-12.5°	0.0	9.8	25.9	43.8	67.0	92.0	116.5	140.9	164.0	185.5	208.0
-15°	0.0	9.7	25.6	43.2	65.9	90.6	115.0	139.1	162.0	183.6	205.8
-17.5°	0.0	9.5	25.2	42.5	64.6	88.9	113.1	136.8	159.6	181.2	203.1
-20°	0.0	9.4	24.7	41.8	63.1	87.0	110.9	134.3	156.9	178.4	200.0



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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	9.2	24.2	40.9	61.5	84.8	108.4	131.3	153.8	175.1	196.5
-25°	0.0	9.1	23.6	39.9	59.7	82.4	105.6	128.1	150.4	171.3	192.5
-27.5°	0.0	8.9	22.9	38.8	57.8	79.8	102.5	124.4	146.7	167.1	188.0
-30°	0.0	8.7	22.2	37.7	55.8	76.9	99.2	120.5	142.4	162.6	182.9
-32.5°	0.0	8.4	21.5	36.4	53.7	73.9	95.7	116.3	137.6	157.6	177.3
-35°	0.0	8.2	20.6	35.1	51.4	70.6	91.8	111.9	132.3	152.4	171.1
-37.5°	0.0	7.9	19.8	33.6	49.0	67.4	87.6	107.2	126.7	146.8	164.7
-40°	0.0	7.7	18.9	32.1	46.4	64.1	83.3	102.3	120.8	140.4	158.1
-42.5°	0.0	7.4	17.9	30.5	44.0	60.8	78.8	97.1	114.8	133.3	151.0
-45°	0.0	7.1	16.9	28.8	41.7	57.2	74.0	91.6	108.5	125.9	143.5
-47.5°	0.0	6.8	15.8	27.0	39.4	53.6	69.1	85.9	102.1	118.3	135.0
-50°	0.0	6.4	14.8	25.3	36.9	49.7	64.5	80.0	95.5	110.9	126.4
-52.5°	0.0	6.1	13.6	23.6	34.3	45.8	59.7	73.9	88.7	103.2	117.6
-55°	0.0	5.7	12.4	21.8	31.6	42.3	54.8	67.8	81.6	95.3	108.8
-57.5°	0.0	5.4	11.2	20.0	28.8	38.7	49.7	61.9	74.3	87.1	99.7
-60°	0.0	5.0	10.0	18.2	26.0	35.1	44.6	55.8	67.0	78.8	90.5
-62.5°	0.0	4.6	9.2	16.3	23.5	31.4	40.1	49.6	59.9	70.2	81.0
-65°	0.0	4.2	8.4	14.3	20.9	27.6	35.4	43.5	52.7	61.9	71.3
-67.5°	0.0	3.8	7.6	12.4	18.4	24.0	30.6	38.0	45.3	53.7	61.9
-70°	0.0	3.4	6.8	10.4	15.8	20.9	25.8	32.4	39.0	45.3	52.7
-72.5°	0.0	3.0	6.0	9.0	13.1	17.6	21.9	26.8	32.7	38.3	43.6
-75°	0.0	2.6	5.2	7.7	10.5	14.4	18.1	22.0	26.4	31.3	36.1
-77.5°	0.0	2.2	4.3	6.5	8.6	11.1	14.3	17.6	21.0	24.6	28.4
-80°	0.0	1.7	3.5	5.2	6.9	8.6	10.5	13.0	15.7	18.5	21.4
-82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.4	14.4
-85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-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°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
85°	9.2	10.0	11.1	12.2	13.2	14.0	14.8	15.5	16.5	17.5	18.5
82.5°	16.2	17.9	19.4	20.8	22.0	23.2	24.3	26.0	28.1	30.1	31.8
80°	23.7	25.8	28.3	30.8	33.4	36.0	38.6	41.2	43.5	45.7	48.0
77.5°	31.9	35.2	38.7	42.2	45.8	49.7	53.6	57.2	60.7	64.0	67.3
75°	40.3	44.6	49.7	54.8	59.7	64.5	69.1	73.9	78.4	82.8	87.0
72.5°	49.6	55.8	61.9	67.8	74.2	80.4	86.1	91.5	97.0	102.6	107.7
70°	59.9	67.0	74.5	82.3	89.8	96.7	103.4	110.4	117.2	123.2	128.3
67.5°	70.2	79.0	87.8	96.6	104.8	112.7	120.9	128.6	135.7	141.9	147.7
65°	81.0	90.8	100.6	110.0	119.2	128.6	137.5	145.8	153.4	160.4	167.0
62.5°	91.6	102.3	112.9	123.4	134.2	144.4	153.7	162.5	170.9	178.4	185.6
60°	102.0	113.5	125.2	136.9	148.6	159.4	169.3	178.5	187.2	195.5	202.9
57.5°	112.1	124.5	137.2	149.9	162.1	173.8	183.9	193.7	202.6	211.0	218.7
55°	122.1	135.2	148.9	162.3	175.0	187.0	197.9	207.7	217.1	224.8	232.1
52.5°	132.0	145.8	160.1	174.0	187.1	199.5	210.8	220.6	229.2	237.1	243.6
50°	141.7	156.1	170.8	184.9	198.4	211.1	222.4	231.9	240.0	247.3	253.4
47.5°	150.8	166.0	180.6	195.3	208.9	221.5	232.6	241.5	249.5	256.1	261.8
45°	159.4	175.3	190.4	204.7	218.6	231.0	241.3	250.3	257.7	264.2	270.0
42.5°	167.7	184.2	199.6	213.8	227.5	239.4	249.5	257.9	265.5	271.9	278.2
40°	175.6	192.9	208.4	222.4	235.8	247.1	256.6	265.1	272.5	279.8	286.7
37.5°	183.2	200.7	216.8	231.1	242.8	253.8	263.2	271.7	280.0	288.0	297.3
35°	190.6	208.4	224.5	238.6	250.1	259.8	269.4	278.6	288.2	298.3	309.1
32.5°	197.4	215.7	232.1	245.0	255.8	265.5	275.4	286.5	297.9	309.4	322.7
30°	203.5	222.3	238.8	250.9	260.9	270.5	282.2	295.0	308.3	321.6	337.1
27.5°	208.8	228.5	243.9	255.5	265.4	274.7	287.7	304.2	318.7	332.8	349.9
25°	213.7	233.5	248.5	259.5	268.8	278.7	292.2	309.3	327.5	342.9	366.7
22.5°	217.9	237.9	252.8	263.1	271.4	282.1	295.9	312.6	331.4	350.8	383.8
20°	221.5	241.2	256.5	266.0	273.3	284.6	297.9	315.0	335.8	363.9	400.3
17.5°	224.7	244.5	259.2	268.0	275.8	286.4	298.5	316.3	340.6	375.6	415.6
15°	227.4	247.8	261.5	269.6	277.7	288.1	301.3	319.9	347.8	386.5	429.6
12.5°	229.7	250.9	263.4	270.9	278.9	289.5	304.3	325.5	356.4	397.3	445.1
10°	231.4	253.8	264.9	272.0	279.6	290.3	306.9	329.8	363.6	407.3	458.7
7.5°	233.0	256.1	266.0	272.8	279.7	290.8	308.9	333.0	368.8	415.6	470.2
5°	234.3	257.5	267.1	273.3	279.6	291.0	310.5	334.9	372.1	421.9	478.8
2.5°	235.0	258.4	268.0	273.6	279.3	290.9	311.7	338.2	376.1	426.6	484.0
0°	235.3	258.7	268.7	273.7	278.7	290.4	312.1	340.5	378.8	428.9	485.6
-2.5°	235.0	258.4	268.0	273.6	279.3	290.9	311.7	338.2	376.1	426.6	484.0
-5°	234.3	257.5	267.1	273.3	279.6	291.0	310.5	334.9	372.1	421.9	478.8
-7.5°	233.0	256.1	266.0	272.8	279.7	290.8	308.9	333.0	368.8	415.6	470.2
-10°	231.4	253.8	264.9	272.0	279.6	290.3	306.9	329.8	363.6	407.3	458.7
-12.5°	229.7	250.9	263.4	270.9	278.9	289.5	304.3	325.5	356.4	397.3	445.1
-15°	227.4	247.8	261.5	269.6	277.7	288.1	301.3	319.9	347.8	386.5	429.6
-17.5°	224.7	244.5	259.2	268.0	275.8	286.4	298.5	316.3	340.6	375.6	415.6
-20°	221.5	241.2	256.5	266.0	273.3	284.6	297.9	315.0	335.8	363.9	400.3



REPORT NUMBER: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	217.9	237.9	252.8	263.1	271.4	282.1	295.9	312.6	331.4	350.8	383.8
-25°	213.7	233.5	248.5	259.5	268.8	278.7	292.2	309.3	327.5	342.9	366.7
-27.5°	208.8	228.5	243.9	255.5	265.4	274.7	287.7	304.2	318.7	332.8	349.9
-30°	203.5	222.3	238.8	250.9	260.9	270.5	282.2	295.0	308.3	321.6	337.1
-32.5°	197.4	215.7	232.1	245.0	255.8	265.5	275.4	286.5	297.9	309.4	322.7
-35°	190.6	208.4	224.5	238.6	250.1	259.8	269.4	278.6	288.2	298.3	309.1
-37.5°	183.2	200.7	216.8	231.1	242.8	253.8	263.2	271.7	280.0	288.0	297.3
-40°	175.6	192.9	208.4	222.4	235.8	247.1	256.6	265.1	272.5	279.8	286.7
-42.5°	167.7	184.2	199.6	213.8	227.5	239.4	249.5	257.9	265.5	271.9	278.2
-45°	159.4	175.3	190.4	204.7	218.6	231.0	241.3	250.3	257.7	264.2	270.0
-47.5°	150.8	166.0	180.6	195.3	208.9	221.5	232.6	241.5	249.5	256.1	261.8
-50°	141.7	156.1	170.8	184.9	198.4	211.1	222.4	231.9	240.0	247.3	253.4
-52.5°	132.0	145.8	160.1	174.0	187.1	199.5	210.8	220.6	229.2	237.1	243.6
-55°	122.1	135.2	148.9	162.3	175.0	187.0	197.9	207.7	217.1	224.8	232.1
-57.5°	112.1	124.5	137.2	149.9	162.1	173.8	183.9	193.7	202.6	211.0	218.7
-60°	102.0	113.5	125.2	136.9	148.6	159.4	169.3	178.5	187.2	195.5	202.9
-62.5°	91.6	102.3	112.9	123.4	134.2	144.4	153.7	162.5	170.9	178.4	185.6
-65°	81.0	90.8	100.6	110.0	119.2	128.6	137.5	145.8	153.4	160.4	167.0
-67.5°	70.2	79.0	87.8	96.6	104.8	112.7	120.9	128.6	135.7	141.9	147.7
-70°	59.9	67.0	74.5	82.3	89.8	96.7	103.4	110.4	117.2	123.2	128.3
-72.5°	49.6	55.8	61.9	67.8	74.2	80.4	86.1	91.5	97.0	102.6	107.7
-75°	40.3	44.6	49.7	54.8	59.7	64.5	69.1	73.9	78.4	82.8	87.0
-77.5°	31.9	35.2	38.7	42.2	45.8	49.7	53.6	57.2	60.7	64.0	67.3
-80°	23.7	25.8	28.3	30.8	33.4	36.0	38.6	41.2	43.5	45.7	48.0
-82.5°	16.2	17.9	19.4	20.8	22.0	23.2	24.3	26.0	28.1	30.1	31.8
-85°	9.2	10.0	11.1	12.2	13.2	14.0	14.8	15.5	16.5	17.5	18.5
-87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
-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: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	8.2	8.1	7.9	7.7	7.5	8.1	8.6	9.1	9.7	9.8	9.8
85°	19.6	20.2	20.7	21.3	21.9	22.5	23.1	23.6	24.0	24.7	25.4
82.5°	33.4	34.7	36.0	37.1	38.2	39.5	40.7	41.9	43.0	43.7	44.2
80°	50.2	52.5	54.6	56.4	58.0	60.0	61.9	63.6	65.2	66.2	67.0
77.5°	70.5	73.4	76.0	78.5	80.9	83.1	85.0	86.6	87.8	89.3	90.7
75°	90.9	94.6	98.2	101.4	104.2	106.7	109.0	111.1	112.9	114.7	116.1
72.5°	112.4	116.7	120.5	124.0	127.3	130.6	133.6	136.3	138.6	140.6	142.3
70°	133.2	137.8	142.4	146.8	150.8	154.4	157.7	160.6	163.1	165.3	167.0
67.5°	153.3	158.5	163.7	168.6	173.0	176.8	180.5	183.9	187.1	189.5	191.1
65°	173.2	179.1	184.7	189.7	194.2	198.2	202.4	206.0	209.0	211.3	212.8
62.5°	192.6	198.9	204.4	209.6	214.6	218.8	222.4	225.7	228.7	231.2	232.7
60°	209.9	216.5	221.8	226.7	231.2	235.4	238.9	242.4	245.6	248.5	250.7
57.5°	225.1	231.2	236.7	241.1	245.1	248.9	252.3	255.2	257.5	259.2	260.7
55°	238.4	243.9	249.0	253.3	256.9	259.9	262.5	264.5	266.1	267.2	268.1
52.5°	249.8	254.9	259.9	264.1	266.9	269.3	271.5	274.0	275.4	275.6	275.5
50°	258.9	264.3	268.8	272.6	276.3	280.5	284.9	287.1	288.0	287.4	286.7
47.5°	267.3	272.5	277.5	282.2	287.6	294.7	301.8	305.2	304.9	303.4	302.7
45°	275.6	281.2	287.1	294.3	301.9	311.0	319.4	324.6	324.6	324.7	326.0
42.5°	284.1	291.2	299.1	309.0	319.0	329.2	338.0	344.5	349.4	355.3	360.3
40°	294.6	302.6	314.5	326.6	339.6	350.5	364.3	376.1	385.8	394.6	401.4
37.5°	307.0	318.4	333.5	349.1	366.0	382.9	399.0	414.0	426.8	441.4	452.3
35°	321.9	338.1	356.4	376.0	396.9	418.4	439.1	463.1	484.1	502.9	518.2
32.5°	339.3	358.8	381.3	407.2	433.4	461.8	491.6	522.4	552.0	582.8	613.7
30°	356.7	382.5	411.2	442.6	473.4	510.6	549.4	599.6	652.3	712.4	804.8
27.5°	377.9	408.7	442.0	478.3	520.7	568.2	642.9	735.8	894.5	1013.0	1331.3
25°	398.7	433.8	476.7	523.7	580.6	667.6	846.1	1052.6	1512.5	1943.0	2440.4
22.5°	419.7	463.6	515.0	572.2	671.2	895.1	1235.1	1857.7	2568.2	3322.2	4090.2
20°	440.9	492.7	556.9	652.6	859.7	1242.8	2006.0	3006.5	4016.0	5249.2	6315.6
17.5°	464.8	528.9	613.0	756.8	1098.1	1918.9	3047.8	4436.1	5998.2	7583.6	8914.8
15°	484.6	559.6	672.2	953.3	1597.7	2686.7	4163.9	6045.8	8175.8	10180.1	11889.7
12.5°	506.4	593.7	741.8	1112.7	2058.6	3490.4	5437.2	7753.0	10308.3	13054.5	17402.8
10°	526.5	628.0	858.5	1443.8	2589.9	4302.5	6577.5	9186.8	12285.8	17784.2	28062.9
7.5°	543.4	655.2	946.2	1690.5	3070.8	5068.7	7507.0	10412.8	15071.9	24309.6	41606.2
5°	554.9	673.3	1007.2	1875.2	3453.9	5633.8	8101.3	11220.2	17914.5	32286.2	53113.0
2.5°	563.0	683.1	1039.8	1982.8	3696.3	6008.1	8522.3	11763.4	19822.9	36900.1	61301.2
0°	569.1	685.9	1046.4	2076.1	3778.4	6134.8	8543.0	11909.2	20477.3	38701.5	64218.8
-2.5°	563.0	683.1	1039.8	1982.8	3696.3	6008.1	8522.3	11763.4	19822.9	36900.1	61301.2
-5°	554.9	673.3	1007.2	1875.2	3453.9	5633.8	8101.3	11220.2	17914.5	32286.2	53113.0
-7.5°	543.4	655.2	946.2	1690.5	3070.8	5068.7	7507.0	10412.8	15071.9	24309.6	41606.2
-10°	526.5	628.0	858.5	1443.8	2589.9	4302.5	6577.5	9186.8	12285.8	17784.2	28062.9
-12.5°	506.4	593.7	741.8	1112.7	2058.6	3490.4	5437.2	7753.0	10308.3	13054.5	17402.8
-15°	484.6	559.6	672.2	953.3	1597.7	2686.7	4163.9	6045.8	8175.8	10180.1	11889.7
-17.5°	464.8	528.9	613.0	756.8	1098.1	1918.9	3047.8	4436.1	5998.2	7583.6	8914.8
-20°	440.9	492.7	556.9	652.6	859.7	1242.8	2006.0	3006.5	4016.0	5249.2	6315.6



REPORT NUMBER: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	419.7	463.6	515.0	572.2	671.2	895.1	1235.1	1857.7	2568.2	3322.2	4090.2
-25°	398.7	433.8	476.7	523.7	580.6	667.6	846.1	1052.6	1512.5	1943.0	2440.4
-27.5°	377.9	408.7	442.0	478.3	520.7	568.2	642.9	735.8	894.5	1013.0	1331.3
-30°	356.7	382.5	411.2	442.6	473.4	510.6	549.4	599.6	652.3	712.4	804.8
-32.5°	339.3	358.8	381.3	407.2	433.4	461.8	491.6	522.4	552.0	582.8	613.7
-35°	321.9	338.1	356.4	376.0	396.9	418.4	439.1	463.1	484.1	502.9	518.2
-37.5°	307.0	318.4	333.5	349.1	366.0	382.9	399.0	414.0	426.8	441.4	452.3
-40°	294.6	302.6	314.5	326.6	339.6	350.5	364.3	376.1	385.8	394.6	401.4
-42.5°	284.1	291.2	299.1	309.0	319.0	329.2	338.0	344.5	349.4	355.3	360.3
-45°	275.6	281.2	287.1	294.3	301.9	311.0	319.4	324.6	324.6	324.7	326.0
-47.5°	267.3	272.5	277.5	282.2	287.6	294.7	301.8	305.2	304.9	303.4	302.7
-50°	258.9	264.3	268.8	272.6	276.3	280.5	284.9	287.1	288.0	287.4	286.7
-52.5°	249.8	254.9	259.9	264.1	266.9	269.3	271.5	274.0	275.4	275.6	275.5
-55°	238.4	243.9	249.0	253.3	256.9	259.9	262.5	264.5	266.1	267.2	268.1
-57.5°	225.1	231.2	236.7	241.1	245.1	248.9	252.3	255.2	257.5	259.2	260.7
-60°	209.9	216.5	221.8	226.7	231.2	235.4	238.9	242.4	245.6	248.5	250.7
-62.5°	192.6	198.9	204.4	209.6	214.6	218.8	222.4	225.7	228.7	231.2	232.7
-65°	173.2	179.1	184.7	189.7	194.2	198.2	202.4	206.0	209.0	211.3	212.8
-67.5°	153.3	158.5	163.7	168.6	173.0	176.8	180.5	183.9	187.1	189.5	191.1
-70°	133.2	137.8	142.4	146.8	150.8	154.4	157.7	160.6	163.1	165.3	167.0
-72.5°	112.4	116.7	120.5	124.0	127.3	130.6	133.6	136.3	138.6	140.6	142.3
-75°	90.9	94.6	98.2	101.4	104.2	106.7	109.0	111.1	112.9	114.7	116.1
-77.5°	70.5	73.4	76.0	78.5	80.9	83.1	85.0	86.6	87.8	89.3	90.7
-80°	50.2	52.5	54.6	56.4	58.0	60.0	61.9	63.6	65.2	66.2	67.0
-82.5°	33.4	34.7	36.0	37.1	38.2	39.5	40.7	41.9	43.0	43.7	44.2
-85°	19.6	20.2	20.7	21.3	21.9	22.5	23.1	23.6	24.0	24.7	25.4
-87.5°	8.2	8.1	7.9	7.7	7.5	8.1	8.6	9.1	9.7	9.8	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: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.1
85°	26.0	26.6	25.8	25.0	25.8	26.6	26.0	25.4	24.7	24.0	23.6
82.5°	44.6	44.9	45.0	45.1	45.0	44.9	44.6	44.2	43.7	43.0	41.9
80°	67.6	68.0	69.1	70.1	69.1	68.0	67.6	67.0	66.2	65.2	63.6
77.5°	92.0	93.0	93.4	93.5	93.4	93.0	92.0	90.7	89.3	87.8	86.6
75°	117.2	117.9	119.9	121.8	119.9	117.9	117.2	116.1	114.7	112.9	111.1
72.5°	143.6	144.5	145.8	146.9	145.8	144.5	143.6	142.3	140.6	138.6	136.3
70°	168.4	169.4	170.0	170.2	170.0	169.4	168.4	167.0	165.3	163.1	160.6
67.5°	192.2	192.8	192.6	191.9	192.6	192.8	192.2	191.1	189.5	187.1	183.9
65°	213.9	214.5	214.3	213.6	214.3	214.5	213.9	212.8	211.3	209.0	206.0
62.5°	233.8	234.5	235.1	235.3	235.1	234.5	233.8	232.7	231.2	228.7	225.7
60°	252.6	254.2	255.0	255.3	255.0	254.2	252.6	250.7	248.5	245.6	242.4
57.5°	262.0	263.1	263.6	263.7	263.6	263.1	262.0	260.7	259.2	257.5	255.2
55°	268.5	268.6	268.0	267.0	268.0	268.6	268.5	268.1	267.2	266.1	264.5
52.5°	274.9	274.0	273.6	273.7	273.6	274.0	274.9	275.5	275.6	275.4	274.0
50°	285.8	284.2	283.5	283.7	283.5	284.2	285.8	286.7	287.4	288.0	287.1
47.5°	303.7	304.3	305.0	305.4	305.0	304.3	303.7	302.7	303.4	304.9	305.2
45°	329.3	331.7	333.2	333.8	333.2	331.7	329.3	326.0	324.7	324.6	324.6
42.5°	365.3	368.1	369.2	368.8	369.2	368.1	365.3	360.3	355.3	349.4	344.5
40°	408.4	414.0	417.3	417.2	417.3	414.0	408.4	401.4	394.6	385.8	376.1
37.5°	462.1	469.7	473.4	472.3	473.4	469.7	462.1	452.3	441.4	426.8	414.0
35°	530.0	537.4	540.5	544.1	540.5	537.4	530.0	518.2	502.9	484.1	463.1
32.5°	637.9	653.1	659.1	650.9	659.1	653.1	637.9	613.7	582.8	552.0	522.4
30°	867.2	922.6	959.7	978.0	959.7	922.6	867.2	804.8	712.4	652.3	599.6
27.5°	1550.4	1695.4	1756.8	1790.7	1756.8	1695.4	1550.4	1331.3	1013.0	894.5	735.8
25°	2866.3	3175.9	3354.0	3339.4	3354.0	3175.9	2866.3	2440.4	1943.0	1512.5	1052.6
22.5°	4803.8	5292.1	5584.9	5692.6	5584.9	5292.1	4803.8	4090.2	3322.2	2568.2	1857.7
20°	7205.7	7753.2	8039.5	8082.4	8039.5	7753.2	7205.7	6315.6	5249.2	4016.0	3006.5
17.5°	9962.4	10481.4	10783.1	10779.3	10783.1	10481.4	9962.4	8914.8	7583.6	5998.2	4436.1
15°	14218.1	16227.2	17360.0	17194.6	17360.0	16227.2	14218.1	11889.7	10180.1	8175.8	6045.8
12.5°	23297.4	31321.6	36299.1	37528.3	36299.1	31321.6	23297.4	17402.8	13054.5	10308.3	7753.0
10°	41169.6	53174.4	62761.7	65532.2	62761.7	53174.4	41169.6	28062.9	17784.2	12285.8	9186.8
7.5°	59219.7	73467.5	79331.1	80012.4	79331.1	73467.5	59219.7	41606.2	24309.6	15071.9	10412.8
5°	72844.0	87341.6	89019.7	84804.5	89019.7	87341.6	72844.0	53113.0	32286.2	17914.5	11220.2
2.5°	81837.3	92790.4	94354.7	92085.9	94354.7	92790.4	81837.3	61301.2	36900.1	19822.9	11763.4
0°	83888.3	91341.6	93563.7	93806.5	93563.7	91341.6	83888.3	64218.8	38701.5	20477.3	11909.2
-2.5°	81837.3	92790.4	94354.7	92085.9	94354.7	92790.4	81837.3	61301.2	36900.1	19822.9	11763.4
-5°	72844.0	87341.6	89019.7	84804.5	89019.7	87341.6	72844.0	53113.0	32286.2	17914.5	11220.2
-7.5°	59219.7	73467.5	79331.1	80012.4	79331.1	73467.5	59219.7	41606.2	24309.6	15071.9	10412.8
-10°	41169.6	53174.4	62761.7	65532.2	62761.7	53174.4	41169.6	28062.9	17784.2	12285.8	9186.8
-12.5°	23297.4	31321.6	36299.1	37528.3	36299.1	31321.6	23297.4	17402.8	13054.5	10308.3	7753.0
-15°	14218.1	16227.2	17360.0	17194.6	17360.0	16227.2	14218.1	11889.7	10180.1	8175.8	6045.8
-17.5°	9962.4	10481.4	10783.1	10779.3	10783.1	10481.4	9962.4	8914.8	7583.6	5998.2	4436.1
-20°	7205.7	7753.2	8039.5	8082.4	8039.5	7753.2	7205.7	6315.6	5249.2	4016.0	3006.5



REPORT NUMBER: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	4803.8	5292.1	5584.9	5692.6	5584.9	5292.1	4803.8	4090.2	3322.2	2568.2	1857.7
-25°	2866.3	3175.9	3354.0	3339.4	3354.0	3175.9	2866.3	2440.4	1943.0	1512.5	1052.6
-27.5°	1550.4	1695.4	1756.8	1790.7	1756.8	1695.4	1550.4	1331.3	1013.0	894.5	735.8
-30°	867.2	922.6	959.7	978.0	959.7	922.6	867.2	804.8	712.4	652.3	599.6
-32.5°	637.9	653.1	659.1	650.9	659.1	653.1	637.9	613.7	582.8	552.0	522.4
-35°	530.0	537.4	540.5	544.1	540.5	537.4	530.0	518.2	502.9	484.1	463.1
-37.5°	462.1	469.7	473.4	472.3	473.4	469.7	462.1	452.3	441.4	426.8	414.0
-40°	408.4	414.0	417.3	417.2	417.3	414.0	408.4	401.4	394.6	385.8	376.1
-42.5°	365.3	368.1	369.2	368.8	369.2	368.1	365.3	360.3	355.3	349.4	344.5
-45°	329.3	331.7	333.2	333.8	333.2	331.7	329.3	326.0	324.7	324.6	324.6
-47.5°	303.7	304.3	305.0	305.4	305.0	304.3	303.7	302.7	303.4	304.9	305.2
-50°	285.8	284.2	283.5	283.7	283.5	284.2	285.8	286.7	287.4	288.0	287.1
-52.5°	274.9	274.0	273.6	273.7	273.6	274.0	274.9	275.5	275.6	275.4	274.0
-55°	268.5	268.6	268.0	267.0	268.0	268.6	268.5	268.1	267.2	266.1	264.5
-57.5°	262.0	263.1	263.6	263.7	263.6	263.1	262.0	260.7	259.2	257.5	255.2
-60°	252.6	254.2	255.0	255.3	255.0	254.2	252.6	250.7	248.5	245.6	242.4
-62.5°	233.8	234.5	235.1	235.3	235.1	234.5	233.8	232.7	231.2	228.7	225.7
-65°	213.9	214.5	214.3	213.6	214.3	214.5	213.9	212.8	211.3	209.0	206.0
-67.5°	192.2	192.8	192.6	191.9	192.6	192.8	192.2	191.1	189.5	187.1	183.9
-70°	168.4	169.4	170.0	170.2	170.0	169.4	168.4	167.0	165.3	163.1	160.6
-72.5°	143.6	144.5	145.8	146.9	145.8	144.5	143.6	142.3	140.6	138.6	136.3
-75°	117.2	117.9	119.9	121.8	119.9	117.9	117.2	116.1	114.7	112.9	111.1
-77.5°	92.0	93.0	93.4	93.5	93.4	93.0	92.0	90.7	89.3	87.8	86.6
-80°	67.6	68.0	69.1	70.1	69.1	68.0	67.6	67.0	66.2	65.2	63.6
-82.5°	44.6	44.9	45.0	45.1	45.0	44.9	44.6	44.2	43.7	43.0	41.9
-85°	26.0	26.6	25.8	25.0	25.8	26.6	26.0	25.4	24.7	24.0	23.6
-87.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	8.6	8.1	7.5	7.7	7.9	8.1	8.2	7.9	7.7	7.4	7.1
85°	23.1	22.5	21.9	21.3	20.7	20.2	19.6	18.5	17.5	16.5	15.5
82.5°	40.7	39.5	38.2	37.1	36.0	34.7	33.4	31.8	30.1	28.1	26.0
80°	61.9	60.0	58.0	56.4	54.6	52.5	50.2	48.0	45.7	43.5	41.2
77.5°	85.0	83.1	80.9	78.5	76.0	73.4	70.5	67.3	64.0	60.7	57.2
75°	109.0	106.7	104.2	101.4	98.2	94.6	90.9	87.0	82.8	78.4	73.9
72.5°	133.6	130.6	127.3	124.0	120.5	116.7	112.4	107.7	102.6	97.0	91.5
70°	157.7	154.4	150.8	146.8	142.4	137.8	133.2	128.3	123.2	117.2	110.4
67.5°	180.5	176.8	173.0	168.6	163.7	158.5	153.3	147.7	141.9	135.7	128.6
65°	202.4	198.2	194.2	189.7	184.7	179.1	173.2	167.0	160.4	153.4	145.8
62.5°	222.4	218.8	214.6	209.6	204.4	198.9	192.6	185.6	178.4	170.9	162.5
60°	238.9	235.4	231.2	226.7	221.8	216.5	209.9	202.9	195.5	187.2	178.5
57.5°	252.3	248.9	245.1	241.1	236.7	231.2	225.1	218.7	211.0	202.6	193.7
55°	262.5	259.9	256.9	253.3	249.0	243.9	238.4	232.1	224.8	217.1	207.7
52.5°	271.5	269.3	266.9	264.1	259.9	254.9	249.8	243.6	237.1	229.2	220.6
50°	284.9	280.5	276.3	272.6	268.8	264.3	258.9	253.4	247.3	240.0	231.9
47.5°	301.8	294.7	287.6	282.2	277.5	272.5	267.3	261.8	256.1	249.5	241.5
45°	319.4	311.0	301.9	294.3	287.1	281.2	275.6	270.0	264.2	257.7	250.3
42.5°	338.0	329.2	319.0	309.0	299.1	291.2	284.1	278.2	271.9	265.5	257.9
40°	364.3	350.5	339.6	326.6	314.5	302.6	294.6	286.7	279.8	272.5	265.1
37.5°	399.0	382.9	366.0	349.1	333.5	318.4	307.0	297.3	288.0	280.0	271.7
35°	439.1	418.4	396.9	376.0	356.4	338.1	321.9	309.1	298.3	288.2	278.6
32.5°	491.6	461.8	433.4	407.2	381.3	358.8	339.3	322.7	309.4	297.9	286.5
30°	549.4	510.6	473.4	442.6	411.2	382.5	356.7	337.1	321.6	308.3	295.0
27.5°	642.9	568.2	520.7	478.3	442.0	408.7	377.9	349.9	332.8	318.7	304.2
25°	846.1	667.6	580.6	523.7	476.7	433.8	398.7	366.7	342.9	327.5	309.3
22.5°	1235.1	895.1	671.2	572.2	515.0	463.6	419.7	383.8	350.8	331.4	312.6
20°	2006.0	1242.8	859.7	652.6	556.9	492.7	440.9	400.3	363.9	335.8	315.0
17.5°	3047.8	1918.9	1098.1	756.8	613.0	528.9	464.8	415.6	375.6	340.6	316.3
15°	4163.9	2686.7	1597.7	953.3	672.2	559.6	484.6	429.6	386.5	347.8	319.9
12.5°	5437.2	3490.4	2058.6	1112.7	741.8	593.7	506.4	445.1	397.3	356.4	325.5
10°	6577.5	4302.5	2589.9	1443.8	858.5	628.0	526.5	458.7	407.3	363.6	329.8
7.5°	7507.0	5068.7	3070.8	1690.5	946.2	655.2	543.4	470.2	415.6	368.8	333.0
5°	8101.3	5633.8	3453.9	1875.2	1007.2	673.3	554.9	478.8	421.9	372.1	334.9
2.5°	8522.3	6008.1	3696.3	1982.8	1039.8	683.1	563.0	484.0	426.6	376.1	338.2
0°	8543.0	6134.8	3778.4	2076.1	1046.4	685.9	569.1	485.6	428.9	378.8	340.5
-2.5°	8522.3	6008.1	3696.3	1982.8	1039.8	683.1	563.0	484.0	426.6	376.1	338.2
-5°	8101.3	5633.8	3453.9	1875.2	1007.2	673.3	554.9	478.8	421.9	372.1	334.9
-7.5°	7507.0	5068.7	3070.8	1690.5	946.2	655.2	543.4	470.2	415.6	368.8	333.0
-10°	6577.5	4302.5	2589.9	1443.8	858.5	628.0	526.5	458.7	407.3	363.6	329.8
-12.5°	5437.2	3490.4	2058.6	1112.7	741.8	593.7	506.4	445.1	397.3	356.4	325.5
-15°	4163.9	2686.7	1597.7	953.3	672.2	559.6	484.6	429.6	386.5	347.8	319.9
-17.5°	3047.8	1918.9	1098.1	756.8	613.0	528.9	464.8	415.6	375.6	340.6	316.3
-20°	2006.0	1242.8	859.7	652.6	556.9	492.7	440.9	400.3	363.9	335.8	315.0



REPORT NUMBER: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1235.1	895.1	671.2	572.2	515.0	463.6	419.7	383.8	350.8	331.4	312.6
-25°	846.1	667.6	580.6	523.7	476.7	433.8	398.7	366.7	342.9	327.5	309.3
-27.5°	642.9	568.2	520.7	478.3	442.0	408.7	377.9	349.9	332.8	318.7	304.2
-30°	549.4	510.6	473.4	442.6	411.2	382.5	356.7	337.1	321.6	308.3	295.0
-32.5°	491.6	461.8	433.4	407.2	381.3	358.8	339.3	322.7	309.4	297.9	286.5
-35°	439.1	418.4	396.9	376.0	356.4	338.1	321.9	309.1	298.3	288.2	278.6
-37.5°	399.0	382.9	366.0	349.1	333.5	318.4	307.0	297.3	288.0	280.0	271.7
-40°	364.3	350.5	339.6	326.6	314.5	302.6	294.6	286.7	279.8	272.5	265.1
-42.5°	338.0	329.2	319.0	309.0	299.1	291.2	284.1	278.2	271.9	265.5	257.9
-45°	319.4	311.0	301.9	294.3	287.1	281.2	275.6	270.0	264.2	257.7	250.3
-47.5°	301.8	294.7	287.6	282.2	277.5	272.5	267.3	261.8	256.1	249.5	241.5
-50°	284.9	280.5	276.3	272.6	268.8	264.3	258.9	253.4	247.3	240.0	231.9
-52.5°	271.5	269.3	266.9	264.1	259.9	254.9	249.8	243.6	237.1	229.2	220.6
-55°	262.5	259.9	256.9	253.3	249.0	243.9	238.4	232.1	224.8	217.1	207.7
-57.5°	252.3	248.9	245.1	241.1	236.7	231.2	225.1	218.7	211.0	202.6	193.7
-60°	238.9	235.4	231.2	226.7	221.8	216.5	209.9	202.9	195.5	187.2	178.5
-62.5°	222.4	218.8	214.6	209.6	204.4	198.9	192.6	185.6	178.4	170.9	162.5
-65°	202.4	198.2	194.2	189.7	184.7	179.1	173.2	167.0	160.4	153.4	145.8
-67.5°	180.5	176.8	173.0	168.6	163.7	158.5	153.3	147.7	141.9	135.7	128.6
-70°	157.7	154.4	150.8	146.8	142.4	137.8	133.2	128.3	123.2	117.2	110.4
-72.5°	133.6	130.6	127.3	124.0	120.5	116.7	112.4	107.7	102.6	97.0	91.5
-75°	109.0	106.7	104.2	101.4	98.2	94.6	90.9	87.0	82.8	78.4	73.9
-77.5°	85.0	83.1	80.9	78.5	76.0	73.4	70.5	67.3	64.0	60.7	57.2
-80°	61.9	60.0	58.0	56.4	54.6	52.5	50.2	48.0	45.7	43.5	41.2
-82.5°	40.7	39.5	38.2	37.1	36.0	34.7	33.4	31.8	30.1	28.1	26.0
-85°	23.1	22.5	21.9	21.3	20.7	20.2	19.6	18.5	17.5	16.5	15.5
-87.5°	8.6	8.1	7.5	7.7	7.9	8.1	8.2	7.9	7.7	7.4	7.1
-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: P558927 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0
85°	14.8	14.0	13.2	12.2	11.1	10.0	9.2	8.4	7.6	6.8	6.0
82.5°	24.3	23.2	22.0	20.8	19.4	17.9	16.2	14.4	12.4	10.4	9.0
80°	38.6	36.0	33.4	30.8	28.3	25.8	23.7	21.4	18.5	15.7	13.0
77.5°	53.6	49.7	45.8	42.2	38.7	35.2	31.9	28.4	24.6	21.0	17.6
75°	69.1	64.5	59.7	54.8	49.7	44.6	40.3	36.1	31.3	26.4	22.0
72.5°	86.1	80.4	74.2	67.8	61.9	55.8	49.6	43.6	38.3	32.7	26.8
70°	103.4	96.7	89.8	82.3	74.5	67.0	59.9	52.7	45.3	39.0	32.4
67.5°	120.9	112.7	104.8	96.6	87.8	79.0	70.2	61.9	53.7	45.3	38.0
65°	137.5	128.6	119.2	110.0	100.6	90.8	81.0	71.3	61.9	52.7	43.5
62.5°	153.7	144.4	134.2	123.4	112.9	102.3	91.6	81.0	70.2	59.9	49.6
60°	169.3	159.4	148.6	136.9	125.2	113.5	102.0	90.5	78.8	67.0	55.8
57.5°	183.9	173.8	162.1	149.9	137.2	124.5	112.1	99.7	87.1	74.3	61.9
55°	197.9	187.0	175.0	162.3	148.9	135.2	122.1	108.8	95.3	81.6	67.8
52.5°	210.8	199.5	187.1	174.0	160.1	145.8	132.0	117.6	103.2	88.7	73.9
50°	222.4	211.1	198.4	184.9	170.8	156.1	141.7	126.4	110.9	95.5	80.0
47.5°	232.6	221.5	208.9	195.3	180.6	166.0	150.8	135.0	118.3	102.1	85.9
45°	241.3	231.0	218.6	204.7	190.4	175.3	159.4	143.5	125.9	108.5	91.6
42.5°	249.5	239.4	227.5	213.8	199.6	184.2	167.7	151.0	133.3	114.8	97.1
40°	256.6	247.1	235.8	222.4	208.4	192.9	175.6	158.1	140.4	120.8	102.3
37.5°	263.2	253.8	242.8	231.1	216.8	200.7	183.2	164.7	146.8	126.7	107.2
35°	269.4	259.8	250.1	238.6	224.5	208.4	190.6	171.1	152.4	132.3	111.9
32.5°	275.4	265.5	255.8	245.0	232.1	215.7	197.4	177.3	157.6	137.6	116.3
30°	282.2	270.5	260.9	250.9	238.8	222.3	203.5	182.9	162.6	142.4	120.5
27.5°	287.7	274.7	265.4	255.5	243.9	228.5	208.8	188.0	167.1	146.7	124.4
25°	292.2	278.7	268.8	259.5	248.5	233.5	213.7	192.5	171.3	150.4	128.1
22.5°	295.9	282.1	271.4	263.1	252.8	237.9	217.9	196.5	175.1	153.8	131.3
20°	297.9	284.6	273.3	266.0	256.5	241.2	221.5	200.0	178.4	156.9	134.3
17.5°	298.5	286.4	275.8	268.0	259.2	244.5	224.7	203.1	181.2	159.6	136.8
15°	301.3	288.1	277.7	269.6	261.5	247.8	227.4	205.8	183.6	162.0	139.1
12.5°	304.3	289.5	278.9	270.9	263.4	250.9	229.7	208.0	185.5	164.0	140.9
10°	306.9	290.3	279.6	272.0	264.9	253.8	231.4	209.7	187.4	165.6	142.5
7.5°	308.9	290.8	279.7	272.8	266.0	256.1	233.0	211.0	189.1	166.9	143.7
5°	310.5	291.0	279.6	273.3	267.1	257.5	234.3	211.8	190.4	167.9	144.5
2.5°	311.7	290.9	279.3	273.6	268.0	258.4	235.0	212.1	191.4	168.4	145.0
0°	312.1	290.4	278.7	273.7	268.7	258.7	235.3	211.9	191.9	168.6	145.2
-2.5°	311.7	290.9	279.3	273.6	268.0	258.4	235.0	212.1	191.4	168.4	145.0
-5°	310.5	291.0	279.6	273.3	267.1	257.5	234.3	211.8	190.4	167.9	144.5
-7.5°	308.9	290.8	279.7	272.8	266.0	256.1	233.0	211.0	189.1	166.9	143.7
-10°	306.9	290.3	279.6	272.0	264.9	253.8	231.4	209.7	187.4	165.6	142.5
-12.5°	304.3	289.5	278.9	270.9	263.4	250.9	229.7	208.0	185.5	164.0	140.9
-15°	301.3	288.1	277.7	269.6	261.5	247.8	227.4	205.8	183.6	162.0	139.1
-17.5°	298.5	286.4	275.8	268.0	259.2	244.5	224.7	203.1	181.2	159.6	136.8
-20°	297.9	284.6	273.3	266.0	256.5	241.2	221.5	200.0	178.4	156.9	134.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	295.9	282.1	271.4	263.1	252.8	237.9	217.9	196.5	175.1	153.8	131.3
-25°	292.2	278.7	268.8	259.5	248.5	233.5	213.7	192.5	171.3	150.4	128.1
-27.5°	287.7	274.7	265.4	255.5	243.9	228.5	208.8	188.0	167.1	146.7	124.4
-30°	282.2	270.5	260.9	250.9	238.8	222.3	203.5	182.9	162.6	142.4	120.5
-32.5°	275.4	265.5	255.8	245.0	232.1	215.7	197.4	177.3	157.6	137.6	116.3
-35°	269.4	259.8	250.1	238.6	224.5	208.4	190.6	171.1	152.4	132.3	111.9
-37.5°	263.2	253.8	242.8	231.1	216.8	200.7	183.2	164.7	146.8	126.7	107.2
-40°	256.6	247.1	235.8	222.4	208.4	192.9	175.6	158.1	140.4	120.8	102.3
-42.5°	249.5	239.4	227.5	213.8	199.6	184.2	167.7	151.0	133.3	114.8	97.1
-45°	241.3	231.0	218.6	204.7	190.4	175.3	159.4	143.5	125.9	108.5	91.6
-47.5°	232.6	221.5	208.9	195.3	180.6	166.0	150.8	135.0	118.3	102.1	85.9
-50°	222.4	211.1	198.4	184.9	170.8	156.1	141.7	126.4	110.9	95.5	80.0
-52.5°	210.8	199.5	187.1	174.0	160.1	145.8	132.0	117.6	103.2	88.7	73.9
-55°	197.9	187.0	175.0	162.3	148.9	135.2	122.1	108.8	95.3	81.6	67.8
-57.5°	183.9	173.8	162.1	149.9	137.2	124.5	112.1	99.7	87.1	74.3	61.9
-60°	169.3	159.4	148.6	136.9	125.2	113.5	102.0	90.5	78.8	67.0	55.8
-62.5°	153.7	144.4	134.2	123.4	112.9	102.3	91.6	81.0	70.2	59.9	49.6
-65°	137.5	128.6	119.2	110.0	100.6	90.8	81.0	71.3	61.9	52.7	43.5
-67.5°	120.9	112.7	104.8	96.6	87.8	79.0	70.2	61.9	53.7	45.3	38.0
-70°	103.4	96.7	89.8	82.3	74.5	67.0	59.9	52.7	45.3	39.0	32.4
-72.5°	86.1	80.4	74.2	67.8	61.9	55.8	49.6	43.6	38.3	32.7	26.8
-75°	69.1	64.5	59.7	54.8	49.7	44.6	40.3	36.1	31.3	26.4	22.0
-77.5°	53.6	49.7	45.8	42.2	38.7	35.2	31.9	28.4	24.6	21.0	17.6
-80°	38.6	36.0	33.4	30.8	28.3	25.8	23.7	21.4	18.5	15.7	13.0
-82.5°	24.3	23.2	22.0	20.8	19.4	17.9	16.2	14.4	12.4	10.4	9.0
-85°	14.8	14.0	13.2	12.2	11.1	10.0	9.2	8.4	7.6	6.8	6.0
-87.5°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0
-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°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
80°	10.5	8.6	6.9	5.2	3.5	1.7	0.0
77.5°	14.3	11.1	8.6	6.5	4.3	2.2	0.0
75°	18.1	14.4	10.5	7.7	5.2	2.6	0.0
72.5°	21.9	17.6	13.1	9.0	6.0	3.0	0.0
70°	25.8	20.9	15.8	10.4	6.8	3.4	0.0
67.5°	30.6	24.0	18.4	12.4	7.6	3.8	0.0
65°	35.4	27.6	20.9	14.3	8.4	4.2	0.0
62.5°	40.1	31.4	23.5	16.3	9.2	4.6	0.0
60°	44.6	35.1	26.0	18.2	10.0	5.0	0.0
57.5°	49.7	38.7	28.8	20.0	11.2	5.4	0.0
55°	54.8	42.3	31.6	21.8	12.4	5.7	0.0
52.5°	59.7	45.8	34.3	23.6	13.6	6.1	0.0
50°	64.5	49.7	36.9	25.3	14.8	6.4	0.0
47.5°	69.1	53.6	39.4	27.0	15.8	6.8	0.0
45°	74.0	57.2	41.7	28.8	16.9	7.1	0.0
42.5°	78.8	60.8	44.0	30.5	17.9	7.4	0.0
40°	83.3	64.1	46.4	32.1	18.9	7.7	0.0
37.5°	87.6	67.4	49.0	33.6	19.8	7.9	0.0
35°	91.8	70.6	51.4	35.1	20.6	8.2	0.0
32.5°	95.7	73.9	53.7	36.4	21.5	8.4	0.0
30°	99.2	76.9	55.8	37.7	22.2	8.7	0.0
27.5°	102.5	79.8	57.8	38.8	22.9	8.9	0.0
25°	105.6	82.4	59.7	39.9	23.6	9.1	0.0
22.5°	108.4	84.8	61.5	40.9	24.2	9.2	0.0
20°	110.9	87.0	63.1	41.8	24.7	9.4	0.0
17.5°	113.1	88.9	64.6	42.5	25.2	9.5	0.0
15°	115.0	90.6	65.9	43.2	25.6	9.7	0.0
12.5°	116.5	92.0	67.0	43.8	25.9	9.8	0.0
10°	117.9	93.1	68.0	44.3	26.2	9.8	0.0
7.5°	118.9	94.0	68.8	44.6	26.4	9.9	0.0
5°	119.6	94.6	69.4	44.9	26.6	10.0	0.0
2.5°	120.1	95.0	69.9	45.0	26.7	10.0	0.0
0°	120.2	95.1	70.1	45.1	26.7	10.0	0.0
-2.5°	120.1	95.0	69.9	45.0	26.7	10.0	0.0
-5°	119.6	94.6	69.4	44.9	26.6	10.0	0.0
-7.5°	118.9	94.0	68.8	44.6	26.4	9.9	0.0
-10°	117.9	93.1	68.0	44.3	26.2	9.8	0.0
-12.5°	116.5	92.0	67.0	43.8	25.9	9.8	0.0
-15°	115.0	90.6	65.9	43.2	25.6	9.7	0.0
-17.5°	113.1	88.9	64.6	42.5	25.2	9.5	0.0
-20°	110.9	87.0	63.1	41.8	24.7	9.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.4	84.8	61.5	40.9	24.2	9.2	0.0
-25°	105.6	82.4	59.7	39.9	23.6	9.1	0.0
-27.5°	102.5	79.8	57.8	38.8	22.9	8.9	0.0
-30°	99.2	76.9	55.8	37.7	22.2	8.7	0.0
-32.5°	95.7	73.9	53.7	36.4	21.5	8.4	0.0
-35°	91.8	70.6	51.4	35.1	20.6	8.2	0.0
-37.5°	87.6	67.4	49.0	33.6	19.8	7.9	0.0
-40°	83.3	64.1	46.4	32.1	18.9	7.7	0.0
-42.5°	78.8	60.8	44.0	30.5	17.9	7.4	0.0
-45°	74.0	57.2	41.7	28.8	16.9	7.1	0.0
-47.5°	69.1	53.6	39.4	27.0	15.8	6.8	0.0
-50°	64.5	49.7	36.9	25.3	14.8	6.4	0.0
-52.5°	59.7	45.8	34.3	23.6	13.6	6.1	0.0
-55°	54.8	42.3	31.6	21.8	12.4	5.7	0.0
-57.5°	49.7	38.7	28.8	20.0	11.2	5.4	0.0
-60°	44.6	35.1	26.0	18.2	10.0	5.0	0.0
-62.5°	40.1	31.4	23.5	16.3	9.2	4.6	0.0
-65°	35.4	27.6	20.9	14.3	8.4	4.2	0.0
-67.5°	30.6	24.0	18.4	12.4	7.6	3.8	0.0
-70°	25.8	20.9	15.8	10.4	6.8	3.4	0.0
-72.5°	21.9	17.6	13.1	9.0	6.0	3.0	0.0
-75°	18.1	14.4	10.5	7.7	5.2	2.6	0.0
-77.5°	14.3	11.1	8.6	6.5	4.3	2.2	0.0
-80°	10.5	8.6	6.9	5.2	3.5	1.7	0.0
-82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-87.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)