

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: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558919 (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-930-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

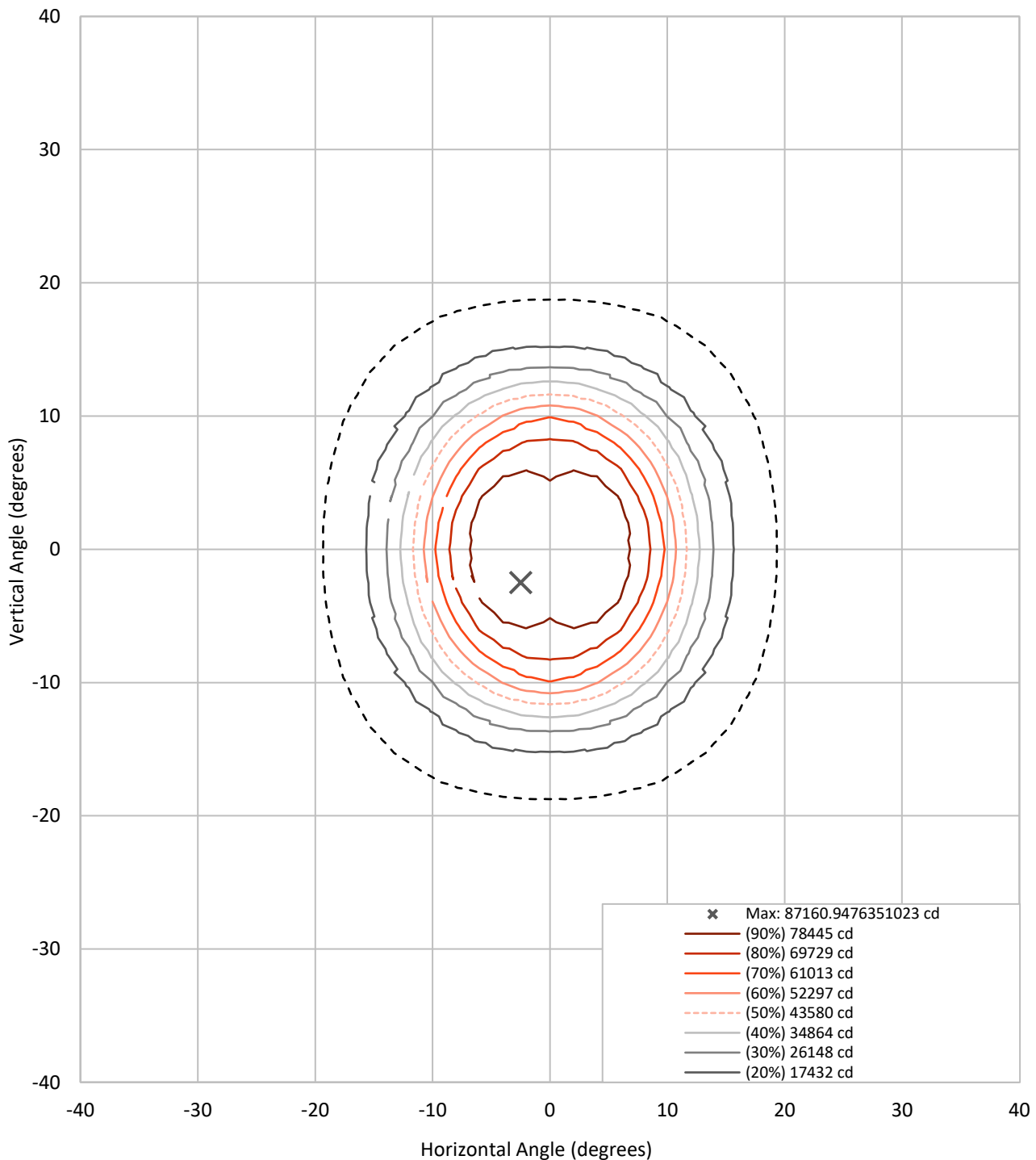
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16482 lumens	Max Intensity:	87160.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8898.1 lumens	Field Lumens:	13418.8 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





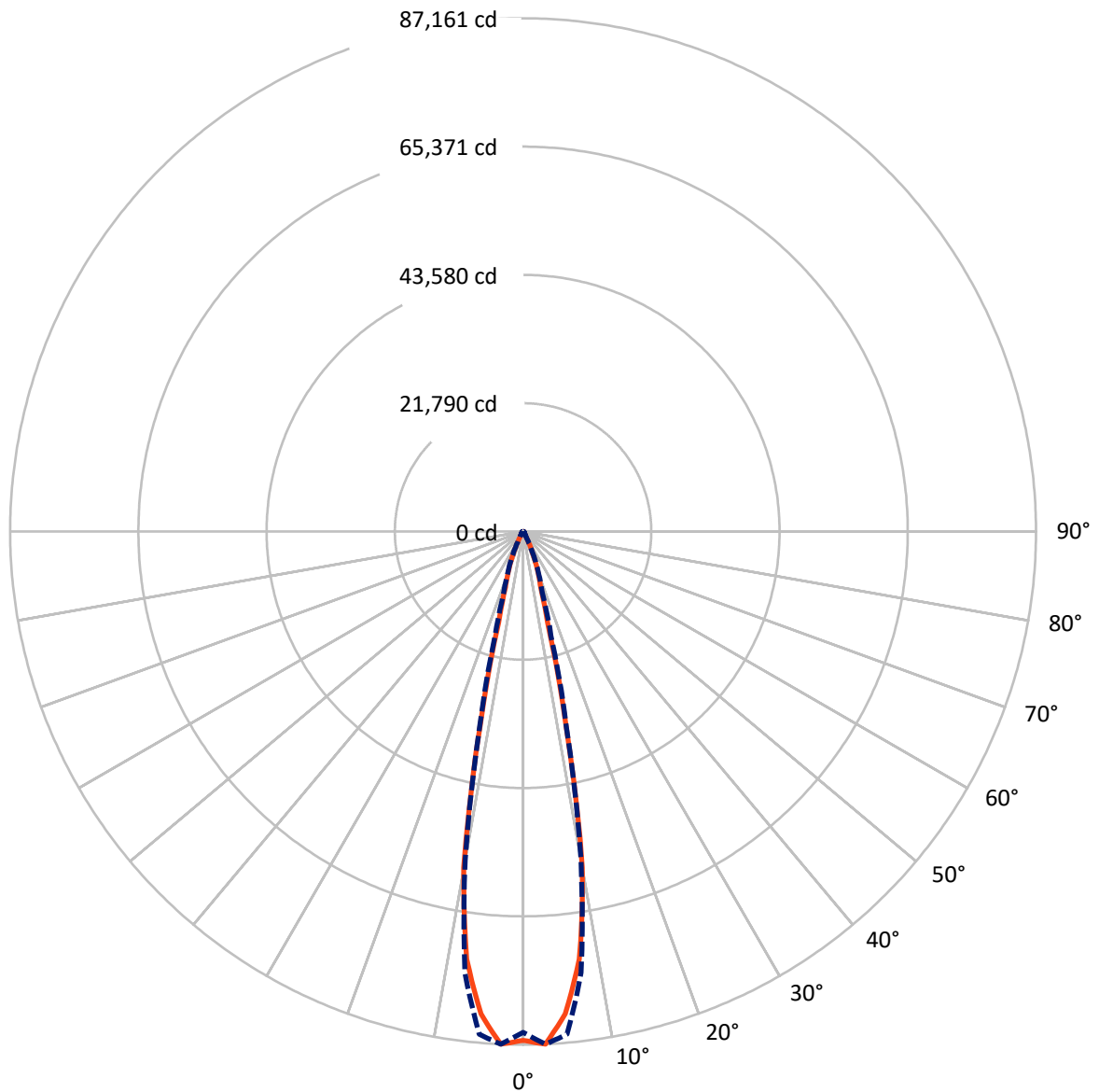
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Lumen Table

90	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2
80	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2
70	0.8	0.9	1.8	2.9	4.0	4.9	5.6	6.0	6.0	5.6	4.9	4.0	2.9	1.8	0.9	0.8	
60		1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3		
50	1.4	1.7	3.3	5.0	6.4	7.8	8.9	9.5	9.5	8.9	7.8	6.4	5.0	3.3	1.7	1.4	
40		2.1	3.8	5.6	7.5	10.2	13.5	16.2	16.2	13.5	10.2	7.5	5.6	3.8	2.1		
30	1.8	2.3	4.2	6.1	9.3	16.8	50.6	98.6	98.6	50.6	16.8	9.3	6.1	4.2	2.3	1.8	
20		2.5	4.3	6.5	11.6	50.0	230.8	593.4	593.4	230.8	50.0	11.6	6.5	4.3	2.5		
10	2.0	2.5	4.4	6.9	13.9	97.4	600.9	2122.9	2122.9	600.9	97.4	13.9	6.9	4.4	2.5	2.0	
0		2.5	4.4	6.9	13.9	97.4	600.9	2122.9	2122.9	600.9	97.4	13.9	6.9	4.4	2.5		
-10	1.8	2.5	4.3	6.5	11.6	50.0	230.8	593.4	593.4	230.8	50.0	11.6	6.5	4.3	2.5	1.8	
-20		2.3	4.2	6.1	9.3	16.8	50.6	98.6	98.6	50.6	16.8	9.3	6.1	4.2	2.3		
-30	1.4	2.1	3.8	5.6	7.5	10.2	13.5	16.2	16.2	13.5	10.2	7.5	5.6	3.8	2.1	1.4	
-40		1.7	3.3	5.0	6.4	7.8	8.9	9.5	9.5	8.9	7.8	6.4	5.0	3.3	1.7		
-50	0.8	1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3	0.8	
-60		0.9	1.8	2.9	4.0	4.9	5.6	6.0	6.0	5.6	4.9	4.0	2.9	1.8	0.9		
-70	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2
-80	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2
-90	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2

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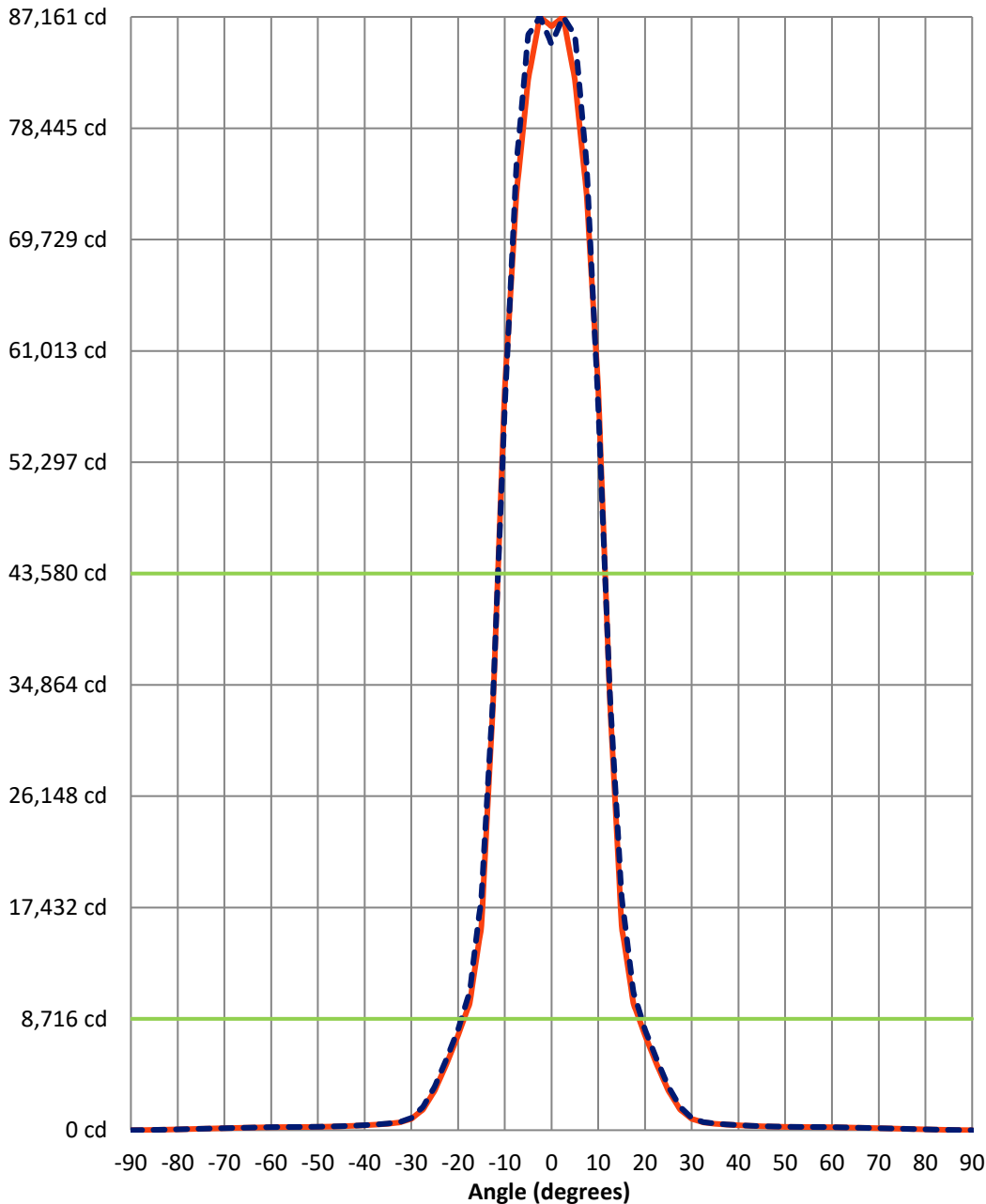
Luminous Intensity Polar Plot



— 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: 8898.1
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 13418.8
 Efficiency: 81.4%

Spill:
 Lumens: 3063.2
 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	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.1	19.8
77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.2	16.2	19.4	22.7	26.3
75°	0.0	2.4	4.8	7.1	9.6	13.3	16.7	20.4	24.4	29.0	33.3
72.5°	0.0	2.8	5.5	8.3	12.1	16.3	20.2	24.7	30.2	35.4	40.2
70°	0.0	3.1	6.3	9.6	14.6	19.3	23.8	29.9	36.0	41.8	48.6
67.5°	0.0	3.5	7.0	11.4	17.0	22.2	28.3	35.1	41.8	49.6	57.2
65°	0.0	3.9	7.8	13.2	19.3	25.5	32.7	40.1	48.6	57.2	65.9
62.5°	0.0	4.2	8.5	15.0	21.7	29.0	37.0	45.8	55.3	64.8	74.8
60°	0.0	4.6	9.2	16.8	24.0	32.4	41.1	51.5	61.9	72.7	83.5
57.5°	0.0	4.9	10.3	18.5	26.6	35.8	45.9	57.1	68.6	80.4	92.1
55°	0.0	5.3	11.5	20.2	29.2	39.0	50.6	62.6	75.3	88.0	100.5
52.5°	0.0	5.6	12.6	21.8	31.6	42.2	55.1	68.3	81.8	95.3	108.6
50°	0.0	5.9	13.6	23.4	34.0	45.9	59.5	73.9	88.2	102.4	116.8
47.5°	0.0	6.2	14.6	25.0	36.3	49.4	63.9	79.3	94.3	109.3	124.8
45°	0.0	6.5	15.6	26.7	38.5	52.9	68.4	84.6	100.3	116.3	132.5
42.5°	0.0	6.8	16.5	28.2	40.6	56.1	72.8	89.6	106.0	123.1	139.5
40°	0.0	7.0	17.4	29.7	42.8	59.3	76.9	94.4	111.6	129.6	146.0
37.5°	0.0	7.3	18.3	31.1	45.2	62.2	81.0	99.0	117.1	135.6	152.1
35°	0.0	7.5	19.1	32.4	47.5	65.3	84.8	103.4	122.2	140.7	158.0
32.5°	0.0	7.8	19.8	33.6	49.6	68.3	88.4	107.5	127.0	145.6	163.7
30°	0.0	8.0	20.5	34.8	51.5	71.1	91.7	111.3	131.5	150.1	168.9
27.5°	0.0	8.2	21.2	35.8	53.4	73.7	94.7	114.9	135.5	154.3	173.6
25°	0.0	8.3	21.8	36.8	55.2	76.1	97.5	118.3	138.9	158.2	177.8
22.5°	0.0	8.5	22.3	37.7	56.8	78.4	100.1	121.3	142.1	161.7	181.5
20°	0.0	8.6	22.8	38.5	58.3	80.4	102.4	124.0	144.9	164.7	184.7
17.5°	0.0	8.8	23.3	39.2	59.6	82.2	104.4	126.4	147.4	167.3	187.6
15°	0.0	8.9	23.6	39.9	60.8	83.7	106.2	128.4	149.6	169.5	190.0
12.5°	0.0	9.0	24.0	40.4	61.9	85.0	107.6	130.1	151.4	171.2	192.1
10°	0.0	9.1	24.2	40.8	62.8	86.1	108.8	131.6	153.0	173.1	193.7
7.5°	0.0	9.1	24.4	41.2	63.5	86.9	109.8	132.7	154.2	174.6	195.0
5°	0.0	9.2	24.6	41.4	64.1	87.4	110.5	133.5	155.0	175.9	195.7
2.5°	0.0	9.2	24.7	41.6	64.5	87.8	110.9	133.9	155.5	176.8	196.0
0°	0.0	9.2	24.7	41.6	64.7	87.9	111.0	134.1	155.7	177.3	195.8
-2.5°	0.0	9.2	24.7	41.6	64.7	87.9	111.0	134.1	155.7	177.3	195.8
-5°	0.0	9.2	24.6	41.4	64.1	87.4	110.5	133.5	155.0	175.9	195.7
-7.5°	0.0	9.1	24.4	41.2	63.5	86.9	109.8	132.7	154.2	174.6	195.0
-10°	0.0	9.1	24.2	40.8	62.8	86.1	108.8	131.6	153.0	173.1	193.7
-12.5°	0.0	9.0	24.0	40.4	61.9	85.0	107.6	130.1	151.4	171.2	192.1
-15°	0.0	8.9	23.6	39.9	60.8	83.7	106.2	128.4	149.6	169.5	190.0
-17.5°	0.0	8.8	23.3	39.2	59.6	82.2	104.4	126.4	147.4	167.3	187.6
-20°	0.0	8.6	22.8	38.5	58.3	80.4	102.4	124.0	144.9	164.7	184.7



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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	8.5	22.3	37.7	56.8	78.4	100.1	121.3	142.1	161.7	181.5
-25°	0.0	8.3	21.8	36.8	55.2	76.1	97.5	118.3	138.9	158.2	177.8
-27.5°	0.0	8.2	21.2	35.8	53.4	73.7	94.7	114.9	135.5	154.3	173.6
-30°	0.0	8.0	20.5	34.8	51.5	71.1	91.7	111.3	131.5	150.1	168.9
-32.5°	0.0	7.8	19.8	33.6	49.6	68.3	88.4	107.5	127.0	145.6	163.7
-35°	0.0	7.5	19.1	32.4	47.5	65.3	84.8	103.4	122.2	140.7	158.0
-37.5°	0.0	7.3	18.3	31.1	45.2	62.2	81.0	99.0	117.1	135.6	152.1
-40°	0.0	7.0	17.4	29.7	42.8	59.3	76.9	94.4	111.6	129.6	146.0
-42.5°	0.0	6.8	16.5	28.2	40.6	56.1	72.8	89.6	106.0	123.1	139.5
-45°	0.0	6.5	15.6	26.7	38.5	52.9	68.4	84.6	100.3	116.3	132.5
-47.5°	0.0	6.2	14.6	25.0	36.3	49.4	63.9	79.3	94.3	109.3	124.8
-50°	0.0	5.9	13.6	23.4	34.0	45.9	59.5	73.9	88.2	102.4	116.8
-52.5°	0.0	5.6	12.6	21.8	31.6	42.2	55.1	68.3	81.8	95.3	108.6
-55°	0.0	5.3	11.5	20.2	29.2	39.0	50.6	62.6	75.3	88.0	100.5
-57.5°	0.0	4.9	10.3	18.5	26.6	35.8	45.9	57.1	68.6	80.4	92.1
-60°	0.0	4.6	9.2	16.8	24.0	32.4	41.1	51.5	61.9	72.7	83.5
-62.5°	0.0	4.2	8.5	15.0	21.7	29.0	37.0	45.8	55.3	64.8	74.8
-65°	0.0	3.9	7.8	13.2	19.3	25.5	32.7	40.1	48.6	57.2	65.9
-67.5°	0.0	3.5	7.0	11.4	17.0	22.2	28.3	35.1	41.8	49.6	57.2
-70°	0.0	3.1	6.3	9.6	14.6	19.3	23.8	29.9	36.0	41.8	48.6
-72.5°	0.0	2.8	5.5	8.3	12.1	16.3	20.2	24.7	30.2	35.4	40.2
-75°	0.0	2.4	4.8	7.1	9.6	13.3	16.7	20.4	24.4	29.0	33.3
-77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.2	16.2	19.4	22.7	26.3
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.1	19.8
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.3	11.2	12.1	12.9	13.7	14.3	15.2	16.2	17.1
82.5°	15.0	16.5	17.9	19.2	20.4	21.4	22.5	24.0	26.0	27.8	29.4
80°	21.9	23.8	26.1	28.4	30.8	33.2	35.6	38.0	40.2	42.2	44.3
77.5°	29.5	32.5	35.7	38.9	42.2	45.9	49.4	52.9	56.0	59.1	62.2
75°	37.2	41.1	45.9	50.6	55.1	59.5	63.9	68.3	72.4	76.5	80.3
72.5°	45.8	51.5	57.1	62.6	68.6	74.2	79.5	84.4	89.5	94.7	99.5
70°	55.3	61.9	68.9	76.0	83.0	89.3	95.5	101.9	108.3	113.8	118.5
67.5°	64.9	72.9	81.1	89.2	96.9	104.1	111.6	118.7	125.3	131.1	136.5
65°	74.8	83.9	92.9	101.6	110.1	118.8	127.0	134.6	141.8	148.2	154.3
62.5°	84.6	94.5	104.3	114.0	123.9	133.4	142.0	150.1	157.9	164.8	171.4
60°	94.2	104.9	115.6	126.5	137.3	147.2	156.4	164.9	172.9	180.6	187.4
57.5°	103.6	115.1	126.8	138.5	149.8	160.6	169.9	178.9	187.1	194.8	202.0
55°	112.8	125.0	137.5	149.9	161.7	172.8	182.8	191.8	200.5	207.6	214.5
52.5°	122.0	134.7	147.9	160.7	172.8	184.3	194.7	203.8	211.7	219.0	225.0
50°	130.9	144.2	157.8	170.8	183.3	194.9	205.4	214.2	221.8	228.4	234.1
47.5°	139.3	153.4	166.8	180.4	193.0	204.6	214.9	223.1	230.5	236.5	241.8
45°	147.3	161.9	175.9	189.1	202.0	213.4	222.9	231.2	238.0	244.1	249.4
42.5°	154.8	170.2	184.3	197.5	210.2	221.2	230.5	238.3	245.2	251.1	257.0
40°	162.2	178.2	192.5	205.5	217.8	228.2	237.0	244.9	251.7	258.5	264.8
37.5°	169.2	185.4	200.2	213.5	224.3	234.5	243.2	251.0	258.7	266.0	274.6
35°	176.0	192.4	207.4	220.4	231.1	240.0	248.8	257.4	266.2	275.5	285.6
32.5°	182.3	199.2	214.4	226.3	236.3	245.3	254.4	264.7	275.2	285.8	298.2
30°	187.9	205.3	220.6	231.7	241.0	249.9	260.7	272.5	284.8	297.1	311.4
27.5°	192.8	211.1	225.2	236.0	245.1	253.7	265.8	281.0	294.4	307.5	323.2
25°	197.3	215.6	229.5	239.7	248.2	257.5	269.9	285.6	302.5	316.7	338.7
22.5°	201.3	219.8	233.5	242.9	250.6	260.6	273.3	288.7	306.1	324.0	354.5
20°	204.6	222.8	236.9	245.7	252.5	262.8	275.1	290.9	310.2	336.1	369.8
17.5°	207.6	225.9	239.4	247.5	254.7	264.6	275.7	292.2	314.6	346.9	383.9
15°	210.1	228.9	241.5	249.0	256.5	266.1	278.3	295.4	321.3	357.0	396.9
12.5°	212.2	231.8	243.3	250.3	257.6	267.4	281.1	300.6	329.2	367.0	411.2
10°	213.8	234.4	244.7	251.2	258.2	268.2	283.4	304.7	335.8	376.3	423.8
7.5°	215.3	236.6	245.8	252.0	258.4	268.6	285.4	307.6	340.7	384.0	434.4
5°	216.5	237.9	246.8	252.5	258.3	268.8	286.8	309.4	343.7	389.8	442.3
2.5°	217.2	238.7	247.6	252.7	258.0	268.7	287.9	312.4	347.5	394.1	447.1
0°	217.4	239.0	248.2	252.8	257.5	268.2	288.3	314.5	350.0	396.2	448.6
-2.5°	217.2	238.7	247.6	252.7	258.0	268.7	287.9	312.4	347.5	394.1	447.1
-5°	216.5	237.9	246.8	252.5	258.3	268.8	286.8	309.4	343.7	389.8	442.3
-7.5°	215.3	236.6	245.8	252.0	258.4	268.6	285.4	307.6	340.7	384.0	434.4
-10°	213.8	234.4	244.7	251.2	258.2	268.2	283.4	304.7	335.8	376.3	423.8
-12.5°	212.2	231.8	243.3	250.3	257.6	267.4	281.1	300.6	329.2	367.0	411.2
-15°	210.1	228.9	241.5	249.0	256.5	266.1	278.3	295.4	321.3	357.0	396.9
-17.5°	207.6	225.9	239.4	247.5	254.7	264.6	275.7	292.2	314.6	346.9	383.9
-20°	204.6	222.8	236.9	245.7	252.5	262.8	275.1	290.9	310.2	336.1	369.8



REPORT NUMBER: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	201.3	219.8	233.5	242.9	250.6	260.6	273.3	288.7	306.1	324.0	354.5
-25°	197.3	215.6	229.5	239.7	248.2	257.5	269.9	285.6	302.5	316.7	338.7
-27.5°	192.8	211.1	225.2	236.0	245.1	253.7	265.8	281.0	294.4	307.5	323.2
-30°	187.9	205.3	220.6	231.7	241.0	249.9	260.7	272.5	284.8	297.1	311.4
-32.5°	182.3	199.2	214.4	226.3	236.3	245.3	254.4	264.7	275.2	285.8	298.2
-35°	176.0	192.4	207.4	220.4	231.1	240.0	248.8	257.4	266.2	275.5	285.6
-37.5°	169.2	185.4	200.2	213.5	224.3	234.5	243.2	251.0	258.7	266.0	274.6
-40°	162.2	178.2	192.5	205.5	217.8	228.2	237.0	244.9	251.7	258.5	264.8
-42.5°	154.8	170.2	184.3	197.5	210.2	221.2	230.5	238.3	245.2	251.1	257.0
-45°	147.3	161.9	175.9	189.1	202.0	213.4	222.9	231.2	238.0	244.1	249.4
-47.5°	139.3	153.4	166.8	180.4	193.0	204.6	214.9	223.1	230.5	236.5	241.8
-50°	130.9	144.2	157.8	170.8	183.3	194.9	205.4	214.2	221.8	228.4	234.1
-52.5°	122.0	134.7	147.9	160.7	172.8	184.3	194.7	203.8	211.7	219.0	225.0
-55°	112.8	125.0	137.5	149.9	161.7	172.8	182.8	191.8	200.5	207.6	214.5
-57.5°	103.6	115.1	126.8	138.5	149.8	160.6	169.9	178.9	187.1	194.8	202.0
-60°	94.2	104.9	115.6	126.5	137.3	147.2	156.4	164.9	172.9	180.6	187.4
-62.5°	84.6	94.5	104.3	114.0	123.9	133.4	142.0	150.1	157.9	164.8	171.4
-65°	74.8	83.9	92.9	101.6	110.1	118.8	127.0	134.6	141.8	148.2	154.3
-67.5°	64.9	72.9	81.1	89.2	96.9	104.1	111.6	118.7	125.3	131.1	136.5
-70°	55.3	61.9	68.9	76.0	83.0	89.3	95.5	101.9	108.3	113.8	118.5
-72.5°	45.8	51.5	57.1	62.6	68.6	74.2	79.5	84.4	89.5	94.7	99.5
-75°	37.2	41.1	45.9	50.6	55.1	59.5	63.9	68.3	72.4	76.5	80.3
-77.5°	29.5	32.5	35.7	38.9	42.2	45.9	49.4	52.9	56.0	59.1	62.2
-80°	21.9	23.8	26.1	28.4	30.8	33.2	35.6	38.0	40.2	42.2	44.3
-82.5°	15.0	16.5	17.9	19.2	20.4	21.4	22.5	24.0	26.0	27.8	29.4
-85°	8.5	9.2	10.3	11.2	12.1	12.9	13.7	14.3	15.2	16.2	17.1
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
-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: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
85°	18.1	18.6	19.2	19.7	20.2	20.8	21.3	21.8	22.1	22.8	23.4
82.5°	30.8	32.1	33.2	34.3	35.3	36.5	37.6	38.7	39.7	40.3	40.8
80°	46.4	48.5	50.4	52.1	53.6	55.4	57.1	58.7	60.2	61.1	61.9
77.5°	65.2	67.8	70.2	72.5	74.7	76.7	78.5	80.0	81.1	82.5	83.8
75°	83.9	87.4	90.7	93.6	96.2	98.6	100.7	102.6	104.4	106.0	107.3
72.5°	103.8	107.8	111.3	114.6	117.6	120.6	123.4	125.9	128.1	129.9	131.4
70°	123.0	127.3	131.5	135.6	139.3	142.6	145.6	148.3	150.6	152.6	154.3
67.5°	141.5	146.4	151.2	155.7	159.8	163.3	166.7	169.9	172.8	175.0	176.5
65°	159.9	165.4	170.6	175.2	179.3	183.0	186.9	190.2	193.1	195.2	196.6
62.5°	177.9	183.8	188.8	193.6	198.2	202.1	205.4	208.4	211.3	213.5	215.0
60°	193.8	199.9	204.9	209.4	213.6	217.5	220.7	223.9	226.9	229.5	231.6
57.5°	208.0	213.6	218.7	222.7	226.5	229.9	233.0	235.7	237.8	239.4	240.8
55°	220.3	225.3	230.0	234.0	237.3	240.1	242.4	244.3	245.8	246.8	247.6
52.5°	230.7	235.4	240.1	244.0	246.5	248.8	250.8	253.1	254.4	254.6	254.5
50°	239.1	244.1	248.3	251.8	255.3	259.2	263.3	265.3	266.1	265.5	264.8
47.5°	246.9	251.7	256.3	260.6	265.7	272.2	278.8	282.0	281.7	280.3	279.6
45°	254.5	259.8	265.1	271.8	278.8	287.3	295.0	299.9	299.9	300.0	301.2
42.5°	262.4	269.0	276.3	285.4	294.6	304.1	312.3	318.3	322.8	328.3	332.8
40°	272.2	279.5	290.5	301.7	313.7	323.8	336.5	347.4	356.4	364.6	370.8
37.5°	283.6	294.1	308.0	322.4	338.0	353.7	368.6	382.5	394.3	407.8	417.8
35°	297.3	312.3	329.2	347.3	366.6	386.5	405.7	427.8	447.2	464.5	478.7
32.5°	313.4	331.4	352.2	376.1	400.4	426.6	454.1	482.5	509.9	538.4	566.9
30°	329.4	353.3	379.8	408.9	437.3	471.7	507.5	553.9	602.6	658.1	743.4
27.5°	349.1	377.6	408.4	441.8	481.0	524.9	593.9	679.8	826.3	935.7	1229.8
25°	368.3	400.8	440.4	483.7	536.3	616.7	781.5	972.3	1397.2	1794.9	2254.3
22.5°	387.7	428.3	475.7	528.5	620.0	826.8	1140.9	1716.1	2372.3	3068.9	3778.3
20°	407.3	455.1	514.5	602.8	794.1	1148.0	1853.0	2777.3	3709.8	4848.9	5834.0
17.5°	429.4	488.6	566.2	699.1	1014.4	1772.6	2815.4	4097.9	5540.9	7005.4	8235.1
15°	447.6	517.0	621.0	880.7	1475.8	2481.8	3846.5	5584.9	7552.5	9404.0	10983.2
12.5°	467.8	548.5	685.2	1027.9	1901.6	3224.3	5022.6	7161.9	9522.4	12059.3	16076.0
10°	486.3	580.2	793.0	1333.7	2392.4	3974.4	6076.0	8486.4	11349.1	16428.3	25923.4
7.5°	502.0	605.3	874.1	1561.6	2836.7	4682.2	6934.7	9618.9	13922.8	22456.3	38434.1
5°	512.6	622.0	930.4	1732.2	3190.6	5204.3	7483.6	10364.7	16548.7	29824.7	49063.6
2.5°	520.1	631.0	960.5	1831.6	3414.4	5550.0	7872.6	10866.5	18311.6	34086.8	56627.5
0°	525.7	633.6	966.6	1917.8	3490.3	5667.1	7891.7	11001.2	18916.1	35750.9	59322.7
-2.5°	520.1	631.0	960.5	1831.6	3414.4	5550.0	7872.6	10866.5	18311.6	34086.8	56627.5
-5°	512.6	622.0	930.4	1732.2	3190.6	5204.3	7483.6	10364.7	16548.7	29824.7	49063.6
-7.5°	502.0	605.3	874.1	1561.6	2836.7	4682.2	6934.7	9618.9	13922.8	22456.3	38434.1
-10°	486.3	580.2	793.0	1333.7	2392.4	3974.4	6076.0	8486.4	11349.1	16428.3	25923.4
-12.5°	467.8	548.5	685.2	1027.9	1901.6	3224.3	5022.6	7161.9	9522.4	12059.3	16076.0
-15°	447.6	517.0	621.0	880.7	1475.8	2481.8	3846.5	5584.9	7552.5	9404.0	10983.2
-17.5°	429.4	488.6	566.2	699.1	1014.4	1772.6	2815.4	4097.9	5540.9	7005.4	8235.1
-20°	407.3	455.1	514.5	602.8	794.1	1148.0	1853.0	2777.3	3709.8	4848.9	5834.0



REPORT NUMBER: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	387.7	428.3	475.7	528.5	620.0	826.8	1140.9	1716.1	2372.3	3068.9	3778.3
-25°	368.3	400.8	440.4	483.7	536.3	616.7	781.5	972.3	1397.2	1794.9	2254.3
-27.5°	349.1	377.6	408.4	441.8	481.0	524.9	593.9	679.8	826.3	935.7	1229.8
-30°	329.4	353.3	379.8	408.9	437.3	471.7	507.5	553.9	602.6	658.1	743.4
-32.5°	313.4	331.4	352.2	376.1	400.4	426.6	454.1	482.5	509.9	538.4	566.9
-35°	297.3	312.3	329.2	347.3	366.6	386.5	405.7	427.8	447.2	464.5	478.7
-37.5°	283.6	294.1	308.0	322.4	338.0	353.7	368.6	382.5	394.3	407.8	417.8
-40°	272.2	279.5	290.5	301.7	313.7	323.8	336.5	347.4	356.4	364.6	370.8
-42.5°	262.4	269.0	276.3	285.4	294.6	304.1	312.3	318.3	322.8	328.3	332.8
-45°	254.5	259.8	265.1	271.8	278.8	287.3	295.0	299.9	299.9	300.0	301.2
-47.5°	246.9	251.7	256.3	260.6	265.7	272.2	278.8	282.0	281.7	280.3	279.6
-50°	239.1	244.1	248.3	251.8	255.3	259.2	263.3	265.3	266.1	265.5	264.8
-52.5°	230.7	235.4	240.1	244.0	246.5	248.8	250.8	253.1	254.4	254.6	254.5
-55°	220.3	225.3	230.0	234.0	237.3	240.1	242.4	244.3	245.8	246.8	247.6
-57.5°	208.0	213.6	218.7	222.7	226.5	229.9	233.0	235.7	237.8	239.4	240.8
-60°	193.8	199.9	204.9	209.4	213.6	217.5	220.7	223.9	226.9	229.5	231.6
-62.5°	177.9	183.8	188.8	193.6	198.2	202.1	205.4	208.4	211.3	213.5	215.0
-65°	159.9	165.4	170.6	175.2	179.3	183.0	186.9	190.2	193.1	195.2	196.6
-67.5°	141.5	146.4	151.2	155.7	159.8	163.3	166.7	169.9	172.8	175.0	176.5
-70°	123.0	127.3	131.5	135.6	139.3	142.6	145.6	148.3	150.6	152.6	154.3
-72.5°	103.8	107.8	111.3	114.6	117.6	120.6	123.4	125.9	128.1	129.9	131.4
-75°	83.9	87.4	90.7	93.6	96.2	98.6	100.7	102.6	104.4	106.0	107.3
-77.5°	65.2	67.8	70.2	72.5	74.7	76.7	78.5	80.0	81.1	82.5	83.8
-80°	46.4	48.5	50.4	52.1	53.6	55.4	57.1	58.7	60.2	61.1	61.9
-82.5°	30.8	32.1	33.2	34.3	35.3	36.5	37.6	38.7	39.7	40.3	40.8
-85°	18.1	18.6	19.2	19.7	20.2	20.8	21.3	21.8	22.1	22.8	23.4
-87.5°	7.5	7.4	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
85°	24.0	24.6	23.9	23.1	23.9	24.6	24.0	23.4	22.8	22.1	21.8
82.5°	41.2	41.4	41.5	41.6	41.5	41.4	41.2	40.8	40.3	39.7	38.7
80°	62.5	62.9	63.9	64.7	63.9	62.9	62.5	61.9	61.1	60.2	58.7
77.5°	84.9	85.8	86.2	86.3	86.2	85.8	84.9	83.8	82.5	81.1	80.0
75°	108.3	109.0	110.8	112.5	110.8	109.0	108.3	107.3	106.0	104.4	102.6
72.5°	132.6	133.4	134.7	135.7	134.7	133.4	132.6	131.4	129.9	128.1	125.9
70°	155.6	156.5	157.0	157.2	157.0	156.5	155.6	154.3	152.6	150.6	148.3
67.5°	177.5	178.1	177.9	177.3	177.9	178.1	177.5	176.5	175.0	172.8	169.9
65°	197.6	198.2	198.0	197.3	198.0	198.2	197.6	196.6	195.2	193.1	190.2
62.5°	216.0	216.7	217.2	217.4	217.2	216.7	216.0	215.0	213.5	211.3	208.4
60°	233.4	234.9	235.7	235.9	235.7	234.9	233.4	231.6	229.5	226.9	223.9
57.5°	242.0	243.0	243.5	243.6	243.5	243.0	242.0	240.8	239.4	237.8	235.7
55°	248.0	248.1	247.6	246.7	247.6	248.1	248.0	247.6	246.8	245.8	244.3
52.5°	254.0	253.1	252.7	252.8	252.7	253.1	254.0	254.5	254.6	254.4	253.1
50°	264.0	262.6	261.9	262.1	261.9	262.6	264.0	264.8	265.5	266.1	265.3
47.5°	280.5	281.1	281.7	282.1	281.7	281.1	280.5	279.6	280.3	281.7	282.0
45°	304.2	306.4	307.7	308.3	307.7	306.4	304.2	301.2	300.0	299.9	299.9
42.5°	337.4	340.0	341.0	340.7	341.0	340.0	337.4	332.8	328.3	322.8	318.3
40°	377.3	382.5	385.5	385.4	385.5	382.5	377.3	370.8	364.6	356.4	347.4
37.5°	426.9	433.9	437.4	436.3	437.4	433.9	426.9	417.8	407.8	394.3	382.5
35°	489.6	496.4	499.3	502.6	499.3	496.4	489.6	478.7	464.5	447.2	427.8
32.5°	589.3	603.3	608.9	601.2	608.9	603.3	589.3	566.9	538.4	509.9	482.5
30°	801.1	852.3	886.5	903.4	886.5	852.3	801.1	743.4	658.1	602.6	553.9
27.5°	1432.2	1566.2	1622.9	1654.2	1622.9	1566.2	1432.2	1229.8	935.7	826.3	679.8
25°	2647.8	2933.7	3098.2	3084.8	3098.2	2933.7	2647.8	2254.3	1794.9	1397.2	972.3
22.5°	4437.5	4888.6	5159.1	5258.6	5159.1	4888.6	4437.5	3778.3	3068.9	2372.3	1716.1
20°	6656.3	7162.1	7426.6	7466.2	7426.6	7162.1	6656.3	5834.0	4848.9	3709.8	2777.3
17.5°	9202.8	9682.3	9961.0	9957.5	9961.0	9682.3	9202.8	8235.1	7005.4	5540.9	4097.9
15°	13134.1	14990.0	16036.5	15883.6	16036.5	14990.0	13134.1	10983.2	9404.0	7552.5	5584.9
12.5°	21521.2	28933.7	33531.6	34667.1	33531.6	28933.7	21521.2	16076.0	12059.3	9522.4	7161.9
10°	38030.8	49120.4	57976.6	60536.0	57976.6	49120.4	38030.8	25923.4	16428.3	11349.1	8486.4
7.5°	54704.8	67866.3	73282.8	73912.2	73282.8	67866.3	54704.8	38434.1	22456.3	13922.8	9618.9
5°	67290.4	80682.6	82232.8	78339.0	82232.8	80682.6	67290.4	49063.6	29824.7	16548.7	10364.7
2.5°	75597.9	85716.0	87160.9	85065.2	87160.9	85716.0	75597.9	56627.5	34086.8	18311.6	10866.5
0°	77492.6	84377.6	86430.3	86654.6	86430.3	84377.6	77492.6	59322.7	35750.9	18916.1	11001.2
-2.5°	75597.9	85716.0	87160.9	85065.2	87160.9	85716.0	75597.9	56627.5	34086.8	18311.6	10866.5
-5°	67290.4	80682.6	82232.8	78339.0	82232.8	80682.6	67290.4	49063.6	29824.7	16548.7	10364.7
-7.5°	54704.8	67866.3	73282.8	73912.2	73282.8	67866.3	54704.8	38434.1	22456.3	13922.8	9618.9
-10°	38030.8	49120.4	57976.6	60536.0	57976.6	49120.4	38030.8	25923.4	16428.3	11349.1	8486.4
-12.5°	21521.2	28933.7	33531.6	34667.1	33531.6	28933.7	21521.2	16076.0	12059.3	9522.4	7161.9
-15°	13134.1	14990.0	16036.5	15883.6	16036.5	14990.0	13134.1	10983.2	9404.0	7552.5	5584.9
-17.5°	9202.8	9682.3	9961.0	9957.5	9961.0	9682.3	9202.8	8235.1	7005.4	5540.9	4097.9
-20°	6656.3	7162.1	7426.6	7466.2	7426.6	7162.1	6656.3	5834.0	4848.9	3709.8	2777.3



REPORT NUMBER: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4437.5	4888.6	5159.1	5258.6	5159.1	4888.6	4437.5	3778.3	3068.9	2372.3	1716.1
-25°	2647.8	2933.7	3098.2	3084.8	3098.2	2933.7	2647.8	2254.3	1794.9	1397.2	972.3
-27.5°	1432.2	1566.2	1622.9	1654.2	1622.9	1566.2	1432.2	1229.8	935.7	826.3	679.8
-30°	801.1	852.3	886.5	903.4	886.5	852.3	801.1	743.4	658.1	602.6	553.9
-32.5°	589.3	603.3	608.9	601.2	608.9	603.3	589.3	566.9	538.4	509.9	482.5
-35°	489.6	496.4	499.3	502.6	499.3	496.4	489.6	478.7	464.5	447.2	427.8
-37.5°	426.9	433.9	437.4	436.3	437.4	433.9	426.9	417.8	407.8	394.3	382.5
-40°	377.3	382.5	385.5	385.4	385.5	382.5	377.3	370.8	364.6	356.4	347.4
-42.5°	337.4	340.0	341.0	340.7	341.0	340.0	337.4	332.8	328.3	322.8	318.3
-45°	304.2	306.4	307.7	308.3	307.7	306.4	304.2	301.2	300.0	299.9	299.9
-47.5°	280.5	281.1	281.7	282.1	281.7	281.1	280.5	279.6	280.3	281.7	282.0
-50°	264.0	262.6	261.9	262.1	261.9	262.6	264.0	264.8	265.5	266.1	265.3
-52.5°	254.0	253.1	252.7	252.8	252.7	253.1	254.0	254.5	254.6	254.4	253.1
-55°	248.0	248.1	247.6	246.7	247.6	248.1	248.0	247.6	246.8	245.8	244.3
-57.5°	242.0	243.0	243.5	243.6	243.5	243.0	242.0	240.8	239.4	237.8	235.7
-60°	233.4	234.9	235.7	235.9	235.7	234.9	233.4	231.6	229.5	226.9	223.9
-62.5°	216.0	216.7	217.2	217.4	217.2	216.7	216.0	215.0	213.5	211.3	208.4
-65°	197.6	198.2	198.0	197.3	198.0	198.2	197.6	196.6	195.2	193.1	190.2
-67.5°	177.5	178.1	177.9	177.3	177.9	178.1	177.5	176.5	175.0	172.8	169.9
-70°	155.6	156.5	157.0	157.2	157.0	156.5	155.6	154.3	152.6	150.6	148.3
-72.5°	132.6	133.4	134.7	135.7	134.7	133.4	132.6	131.4	129.9	128.1	125.9
-75°	108.3	109.0	110.8	112.5	110.8	109.0	108.3	107.3	106.0	104.4	102.6
-77.5°	84.9	85.8	86.2	86.3	86.2	85.8	84.9	83.8	82.5	81.1	80.0
-80°	62.5	62.9	63.9	64.7	63.9	62.9	62.5	61.9	61.1	60.2	58.7
-82.5°	41.2	41.4	41.5	41.6	41.5	41.4	41.2	40.8	40.3	39.7	38.7
-85°	24.0	24.6	23.9	23.1	23.9	24.6	24.0	23.4	22.8	22.1	21.8
-87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
-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: P558919 (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°
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°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	21.3	20.8	20.2	19.7	19.2	18.6	18.1	17.1	16.2	15.2	14.3
82.5°	37.6	36.5	35.3	34.3	33.2	32.1	30.8	29.4	27.8	26.0	24.0
80°	57.1	55.4	53.6	52.1	50.4	48.5	46.4	44.3	42.2	40.2	38.0
77.5°	78.5	76.7	74.7	72.5	70.2	67.8	65.2	62.2	59.1	56.0	52.9
75°	100.7	98.6	96.2	93.6	90.7	87.4	83.9	80.3	76.5	72.4	68.3
72.5°	123.4	120.6	117.6	114.6	111.3	107.8	103.8	99.5	94.7	89.5	84.4
70°	145.6	142.6	139.3	135.6	131.5	127.3	123.0	118.5	113.8	108.3	101.9
67.5°	166.7	163.3	159.8	155.7	151.2	146.4	141.5	136.5	131.1	125.3	118.7
65°	186.9	183.0	179.3	175.2	170.6	165.4	159.9	154.3	148.2	141.8	134.6
62.5°	205.4	202.1	198.2	193.6	188.8	183.8	177.9	171.4	164.8	157.9	150.1
60°	220.7	217.5	213.6	209.4	204.9	199.9	193.8	187.4	180.6	172.9	164.9
57.5°	233.0	229.9	226.5	222.7	218.7	213.6	208.0	202.0	194.8	187.1	178.9
55°	242.4	240.1	237.3	234.0	230.0	225.3	220.3	214.5	207.6	200.5	191.8
52.5°	250.8	248.8	246.5	244.0	240.1	235.4	230.7	225.0	219.0	211.7	203.8
50°	263.3	259.2	255.3	251.8	248.3	244.1	239.1	234.1	228.4	221.8	214.2
47.5°	278.8	272.2	265.7	260.6	256.3	251.7	246.9	241.8	236.5	230.5	223.1
45°	295.0	287.3	278.8	271.8	265.1	259.8	254.5	249.4	244.1	238.0	231.2
42.5°	312.3	304.1	294.6	285.4	276.3	269.0	262.4	257.0	251.1	245.2	238.3
40°	336.5	323.8	313.7	301.7	290.5	279.5	272.2	264.8	258.5	251.7	244.9
37.5°	368.6	353.7	338.0	322.4	308.0	294.1	283.6	274.6	266.0	258.7	251.0
35°	405.7	386.5	366.6	347.3	329.2	312.3	297.3	285.6	275.5	266.2	257.4
32.5°	454.1	426.6	400.4	376.1	352.2	331.4	313.4	298.2	285.8	275.2	264.7
30°	507.5	471.7	437.3	408.9	379.8	353.3	329.4	311.4	297.1	284.8	272.5
27.5°	593.9	524.9	481.0	441.8	408.4	377.6	349.1	323.2	307.5	294.4	281.0
25°	781.5	616.7	536.3	483.7	440.4	400.8	368.3	338.7	316.7	302.5	285.6
22.5°	1140.9	826.8	620.0	528.5	475.7	428.3	387.7	354.5	324.0	306.1	288.7
20°	1853.0	1148.0	794.1	602.8	514.5	455.1	407.3	369.8	336.1	310.2	290.9
17.5°	2815.4	1772.6	1014.4	699.1	566.2	488.6	429.4	383.9	346.9	314.6	292.2
15°	3846.5	2481.8	1475.8	880.7	621.0	517.0	447.6	396.9	357.0	321.3	295.4
12.5°	5022.6	3224.3	1901.6	1027.9	685.2	548.5	467.8	411.2	367.0	329.2	300.6
10°	6076.0	3974.4	2392.4	1333.7	793.0	580.2	486.3	423.8	376.3	335.8	304.7
7.5°	6934.7	4682.2	2836.7	1561.6	874.1	605.3	502.0	434.4	384.0	340.7	307.6
5°	7483.6	5204.3	3190.6	1732.2	930.4	622.0	512.6	442.3	389.8	343.7	309.4
2.5°	7872.6	5550.0	3414.4	1831.6	960.5	631.0	520.1	447.1	394.1	347.5	312.4
0°	7891.7	5667.1	3490.3	1917.8	966.6	633.6	525.7	448.6	396.2	350.0	314.5
-2.5°	7872.6	5550.0	3414.4	1831.6	960.5	631.0	520.1	447.1	394.1	347.5	312.4
-5°	7483.6	5204.3	3190.6	1732.2	930.4	622.0	512.6	442.3	389.8	343.7	309.4
-7.5°	6934.7	4682.2	2836.7	1561.6	874.1	605.3	502.0	434.4	384.0	340.7	307.6
-10°	6076.0	3974.4	2392.4	1333.7	793.0	580.2	486.3	423.8	376.3	335.8	304.7
-12.5°	5022.6	3224.3	1901.6	1027.9	685.2	548.5	467.8	411.2	367.0	329.2	300.6
-15°	3846.5	2481.8	1475.8	880.7	621.0	517.0	447.6	396.9	357.0	321.3	295.4
-17.5°	2815.4	1772.6	1014.4	699.1	566.2	488.6	429.4	383.9	346.9	314.6	292.2
-20°	1853.0	1148.0	794.1	602.8	514.5	455.1	407.3	369.8	336.1	310.2	290.9



REPORT NUMBER: P558919 (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°	1140.9	826.8	620.0	528.5	475.7	428.3	387.7	354.5	324.0	306.1	288.7
-25°	781.5	616.7	536.3	483.7	440.4	400.8	368.3	338.7	316.7	302.5	285.6
-27.5°	593.9	524.9	481.0	441.8	408.4	377.6	349.1	323.2	307.5	294.4	281.0
-30°	507.5	471.7	437.3	408.9	379.8	353.3	329.4	311.4	297.1	284.8	272.5
-32.5°	454.1	426.6	400.4	376.1	352.2	331.4	313.4	298.2	285.8	275.2	264.7
-35°	405.7	386.5	366.6	347.3	329.2	312.3	297.3	285.6	275.5	266.2	257.4
-37.5°	368.6	353.7	338.0	322.4	308.0	294.1	283.6	274.6	266.0	258.7	251.0
-40°	336.5	323.8	313.7	301.7	290.5	279.5	272.2	264.8	258.5	251.7	244.9
-42.5°	312.3	304.1	294.6	285.4	276.3	269.0	262.4	257.0	251.1	245.2	238.3
-45°	295.0	287.3	278.8	271.8	265.1	259.8	254.5	249.4	244.1	238.0	231.2
-47.5°	278.8	272.2	265.7	260.6	256.3	251.7	246.9	241.8	236.5	230.5	223.1
-50°	263.3	259.2	255.3	251.8	248.3	244.1	239.1	234.1	228.4	221.8	214.2
-52.5°	250.8	248.8	246.5	244.0	240.1	235.4	230.7	225.0	219.0	211.7	203.8
-55°	242.4	240.1	237.3	234.0	230.0	225.3	220.3	214.5	207.6	200.5	191.8
-57.5°	233.0	229.9	226.5	222.7	218.7	213.6	208.0	202.0	194.8	187.1	178.9
-60°	220.7	217.5	213.6	209.4	204.9	199.9	193.8	187.4	180.6	172.9	164.9
-62.5°	205.4	202.1	198.2	193.6	188.8	183.8	177.9	171.4	164.8	157.9	150.1
-65°	186.9	183.0	179.3	175.2	170.6	165.4	159.9	154.3	148.2	141.8	134.6
-67.5°	166.7	163.3	159.8	155.7	151.2	146.4	141.5	136.5	131.1	125.3	118.7
-70°	145.6	142.6	139.3	135.6	131.5	127.3	123.0	118.5	113.8	108.3	101.9
-72.5°	123.4	120.6	117.6	114.6	111.3	107.8	103.8	99.5	94.7	89.5	84.4
-75°	100.7	98.6	96.2	93.6	90.7	87.4	83.9	80.3	76.5	72.4	68.3
-77.5°	78.5	76.7	74.7	72.5	70.2	67.8	65.2	62.2	59.1	56.0	52.9
-80°	57.1	55.4	53.6	52.1	50.4	48.5	46.4	44.3	42.2	40.2	38.0
-82.5°	37.6	36.5	35.3	34.3	33.2	32.1	30.8	29.4	27.8	26.0	24.0
-85°	21.3	20.8	20.2	19.7	19.2	18.6	18.1	17.1	16.2	15.2	14.3
-87.5°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
-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: P558919 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	13.7	12.9	12.1	11.2	10.3	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	22.5	21.4	20.4	19.2	17.9	16.5	15.0	13.3	11.4	9.5	8.3
80°	35.6	33.2	30.8	28.4	26.1	23.8	21.9	19.8	17.1	14.5	12.0
77.5°	49.4	45.9	42.2	38.9	35.7	32.5	29.5	26.3	22.7	19.4	16.2
75°	63.9	59.5	55.1	50.6	45.9	41.1	37.2	33.3	29.0	24.4	20.4
72.5°	79.5	74.2	68.6	62.6	57.1	51.5	45.8	40.2	35.4	30.2	24.7
70°	95.5	89.3	83.0	76.0	68.9	61.9	55.3	48.6	41.8	36.0	29.9
67.5°	111.6	104.1	96.9	89.2	81.1	72.9	64.9	57.2	49.6	41.8	35.1
65°	127.0	118.8	110.1	101.6	92.9	83.9	74.8	65.9	57.2	48.6	40.1
62.5°	142.0	133.4	123.9	114.0	104.3	94.5	84.6	74.8	64.8	55.3	45.8
60°	156.4	147.2	137.3	126.5	115.6	104.9	94.2	83.5	72.7	61.9	51.5
57.5°	169.9	160.6	149.8	138.5	126.8	115.1	103.6	92.1	80.4	68.6	57.1
55°	182.8	172.8	161.7	149.9	137.5	125.0	112.8	100.5	88.0	75.3	62.6
52.5°	194.7	184.3	172.8	160.7	147.9	134.7	122.0	108.6	95.3	81.8	68.3
50°	205.4	194.9	183.3	170.8	157.8	144.2	130.9	116.8	102.4	88.2	73.9
47.5°	214.9	204.6	193.0	180.4	166.8	153.4	139.3	124.8	109.3	94.3	79.3
45°	222.9	213.4	202.0	189.1	175.9	161.9	147.3	132.5	116.3	100.3	84.6
42.5°	230.5	221.2	210.2	197.5	184.3	170.2	154.8	139.5	123.1	106.0	89.6
40°	237.0	228.2	217.8	205.5	192.5	178.2	162.2	146.0	129.6	111.6	94.4
37.5°	243.2	234.5	224.3	213.5	200.2	185.4	169.2	152.1	135.6	117.1	99.0
35°	248.8	240.0	231.1	220.4	207.4	192.4	176.0	158.0	140.7	122.2	103.4
32.5°	254.4	245.3	236.3	226.3	214.4	199.2	182.3	163.7	145.6	127.0	107.5
30°	260.7	249.9	241.0	231.7	220.6	205.3	187.9	168.9	150.1	131.5	111.3
27.5°	265.8	253.7	245.1	236.0	225.2	211.1	192.8	173.6	154.3	135.5	114.9
25°	269.9	257.5	248.2	239.7	229.5	215.6	197.3	177.8	158.2	138.9	118.3
22.5°	273.3	260.6	250.6	242.9	233.5	219.8	201.3	181.5	161.7	142.1	121.3
20°	275.1	262.8	252.5	245.7	236.9	222.8	204.6	184.7	164.7	144.9	124.0
17.5°	275.7	264.6	254.7	247.5	239.4	225.9	207.6	187.6	167.3	147.4	126.4
15°	278.3	266.1	256.5	249.0	241.5	228.9	210.1	190.0	169.5	149.6	128.4
12.5°	281.1	267.4	257.6	250.3	243.3	231.8	212.2	192.1	171.2	151.4	130.1
10°	283.4	268.2	258.2	251.2	244.7	234.4	213.8	193.7	173.1	153.0	131.6
7.5°	285.4	268.6	258.4	252.0	245.8	236.6	215.3	195.0	174.6	154.2	132.7
5°	286.8	268.8	258.3	252.5	246.8	237.9	216.5	195.7	175.9	155.0	133.5
2.5°	287.9	268.7	258.0	252.7	247.6	238.7	217.2	196.0	176.8	155.5	133.9
0°	288.3	268.2	257.5	252.8	248.2	239.0	217.4	195.8	177.3	155.7	134.1
-2.5°	287.9	268.7	258.0	252.7	247.6	238.7	217.2	196.0	176.8	155.5	133.9
-5°	286.8	268.8	258.3	252.5	246.8	237.9	216.5	195.7	175.9	155.0	133.5
-7.5°	285.4	268.6	258.4	252.0	245.8	236.6	215.3	195.0	174.6	154.2	132.7
-10°	283.4	268.2	258.2	251.2	244.7	234.4	213.8	193.7	173.1	153.0	131.6
-12.5°	281.1	267.4	257.6	250.3	243.3	231.8	212.2	192.1	171.2	151.4	130.1
-15°	278.3	266.1	256.5	249.0	241.5	228.9	210.1	190.0	169.5	149.6	128.4
-17.5°	275.7	264.6	254.7	247.5	239.4	225.9	207.6	187.6	167.3	147.4	126.4
-20°	275.1	262.8	252.5	245.7	236.9	222.8	204.6	184.7	164.7	144.9	124.0



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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°	273.3	260.6	250.6	242.9	233.5	219.8	201.3	181.5	161.7	142.1	121.3
-25°	269.9	257.5	248.2	239.7	229.5	215.6	197.3	177.8	158.2	138.9	118.3
-27.5°	265.8	253.7	245.1	236.0	225.2	211.1	192.8	173.6	154.3	135.5	114.9
-30°	260.7	249.9	241.0	231.7	220.6	205.3	187.9	168.9	150.1	131.5	111.3
-32.5°	254.4	245.3	236.3	226.3	214.4	199.2	182.3	163.7	145.6	127.0	107.5
-35°	248.8	240.0	231.1	220.4	207.4	192.4	176.0	158.0	140.7	122.2	103.4
-37.5°	243.2	234.5	224.3	213.5	200.2	185.4	169.2	152.1	135.6	117.1	99.0
-40°	237.0	228.2	217.8	205.5	192.5	178.2	162.2	146.0	129.6	111.6	94.4
-42.5°	230.5	221.2	210.2	197.5	184.3	170.2	154.8	139.5	123.1	106.0	89.6
-45°	222.9	213.4	202.0	189.1	175.9	161.9	147.3	132.5	116.3	100.3	84.6
-47.5°	214.9	204.6	193.0	180.4	166.8	153.4	139.3	124.8	109.3	94.3	79.3
-50°	205.4	194.9	183.3	170.8	157.8	144.2	130.9	116.8	102.4	88.2	73.9
-52.5°	194.7	184.3	172.8	160.7	147.9	134.7	122.0	108.6	95.3	81.8	68.3
-55°	182.8	172.8	161.7	149.9	137.5	125.0	112.8	100.5	88.0	75.3	62.6
-57.5°	169.9	160.6	149.8	138.5	126.8	115.1	103.6	92.1	80.4	68.6	57.1
-60°	156.4	147.2	137.3	126.5	115.6	104.9	94.2	83.5	72.7	61.9	51.5
-62.5°	142.0	133.4	123.9	114.0	104.3	94.5	84.6	74.8	64.8	55.3	45.8
-65°	127.0	118.8	110.1	101.6	92.9	83.9	74.8	65.9	57.2	48.6	40.1
-67.5°	111.6	104.1	96.9	89.2	81.1	72.9	64.9	57.2	49.6	41.8	35.1
-70°	95.5	89.3	83.0	76.0	68.9	61.9	55.3	48.6	41.8	36.0	29.9
-72.5°	79.5	74.2	68.6	62.6	57.1	51.5	45.8	40.2	35.4	30.2	24.7
-75°	63.9	59.5	55.1	50.6	45.9	41.1	37.2	33.3	29.0	24.4	20.4
-77.5°	49.4	45.9	42.2	38.9	35.7	32.5	29.5	26.3	22.7	19.4	16.2
-80°	35.6	33.2	30.8	28.4	26.1	23.8	21.9	19.8	17.1	14.5	12.0
-82.5°	22.5	21.4	20.4	19.2	17.9	16.5	15.0	13.3	11.4	9.5	8.3
-85°	13.7	12.9	12.1	11.2	10.3	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
-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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	13.2	10.3	7.9	6.0	4.0	2.0	0.0
75°	16.7	13.3	9.6	7.1	4.8	2.4	0.0
72.5°	20.2	16.3	12.1	8.3	5.5	2.8	0.0
70°	23.8	19.3	14.6	9.6	6.3	3.1	0.0
67.5°	28.3	22.2	17.0	11.4	7.0	3.5	0.0
65°	32.7	25.5	19.3	13.2	7.8	3.9	0.0
62.5°	37.0	29.0	21.7	15.0	8.5	4.2	0.0
60°	41.1	32.4	24.0	16.8	9.2	4.6	0.0
57.5°	45.9	35.8	26.6	18.5	10.3	4.9	0.0
55°	50.6	39.0	29.2	20.2	11.5	5.3	0.0
52.5°	55.1	42.2	31.6	21.8	12.6	5.6	0.0
50°	59.5	45.9	34.0	23.4	13.6	5.9	0.0
47.5°	63.9	49.4	36.3	25.0	14.6	6.2	0.0
45°	68.4	52.9	38.5	26.7	15.6	6.5	0.0
42.5°	72.8	56.1	40.6	28.2	16.5	6.8	0.0
40°	76.9	59.3	42.8	29.7	17.4	7.0	0.0
37.5°	81.0	62.2	45.2	31.1	18.3	7.3	0.0
35°	84.8	65.3	47.5	32.4	19.1	7.5	0.0
32.5°	88.4	68.3	49.6	33.6	19.8	7.8	0.0
30°	91.7	71.1	51.5	34.8	20.5	8.0	0.0
27.5°	94.7	73.7	53.4	35.8	21.2	8.2	0.0
25°	97.5	76.1	55.2	36.8	21.8	8.3	0.0
22.5°	100.1	78.4	56.8	37.7	22.3	8.5	0.0
20°	102.4	80.4	58.3	38.5	22.8	8.6	0.0
17.5°	104.4	82.2	59.6	39.2	23.3	8.8	0.0
15°	106.2	83.7	60.8	39.9	23.6	8.9	0.0
12.5°	107.6	85.0	61.9	40.4	24.0	9.0	0.0
10°	108.8	86.1	62.8	40.8	24.2	9.1	0.0
7.5°	109.8	86.9	63.5	41.2	24.4	9.1	0.0
5°	110.5	87.4	64.1	41.4	24.6	9.2	0.0
2.5°	110.9	87.8	64.5	41.6	24.7	9.2	0.0
0°	111.0	87.9	64.7	41.6	24.7	9.2	0.0
-2.5°	110.9	87.8	64.5	41.6	24.7	9.2	0.0
-5°	110.5	87.4	64.1	41.4	24.6	9.2	0.0
-7.5°	109.8	86.9	63.5	41.2	24.4	9.1	0.0
-10°	108.8	86.1	62.8	40.8	24.2	9.1	0.0
-12.5°	107.6	85.0	61.9	40.4	24.0	9.0	0.0
-15°	106.2	83.7	60.8	39.9	23.6	8.9	0.0
-17.5°	104.4	82.2	59.6	39.2	23.3	8.8	0.0
-20°	102.4	80.4	58.3	38.5	22.8	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.1	78.4	56.8	37.7	22.3	8.5	0.0
-25°	97.5	76.1	55.2	36.8	21.8	8.3	0.0
-27.5°	94.7	73.7	53.4	35.8	21.2	8.2	0.0
-30°	91.7	71.1	51.5	34.8	20.5	8.0	0.0
-32.5°	88.4	68.3	49.6	33.6	19.8	7.8	0.0
-35°	84.8	65.3	47.5	32.4	19.1	7.5	0.0
-37.5°	81.0	62.2	45.2	31.1	18.3	7.3	0.0
-40°	76.9	59.3	42.8	29.7	17.4	7.0	0.0
-42.5°	72.8	56.1	40.6	28.2	16.5	6.8	0.0
-45°	68.4	52.9	38.5	26.7	15.6	6.5	0.0
-47.5°	63.9	49.4	36.3	25.0	14.6	6.2	0.0
-50°	59.5	45.9	34.0	23.4	13.6	5.9	0.0
-52.5°	55.1	42.2	31.6	21.8	12.6	5.6	0.0
-55°	50.6	39.0	29.2	20.2	11.5	5.3	0.0
-57.5°	45.9	35.8	26.6	18.5	10.3	4.9	0.0
-60°	41.1	32.4	24.0	16.8	9.2	4.6	0.0
-62.5°	37.0	29.0	21.7	15.0	8.5	4.2	0.0
-65°	32.7	25.5	19.3	13.2	7.8	3.9	0.0
-67.5°	28.3	22.2	17.0	11.4	7.0	3.5	0.0
-70°	23.8	19.3	14.6	9.6	6.3	3.1	0.0
-72.5°	20.2	16.3	12.1	8.3	5.5	2.8	0.0
-75°	16.7	13.3	9.6	7.1	4.8	2.4	0.0
-77.5°	13.2	10.3	7.9	6.0	4.0	2.0	0.0
-80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)