

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: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559055 (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-SA5C-935-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

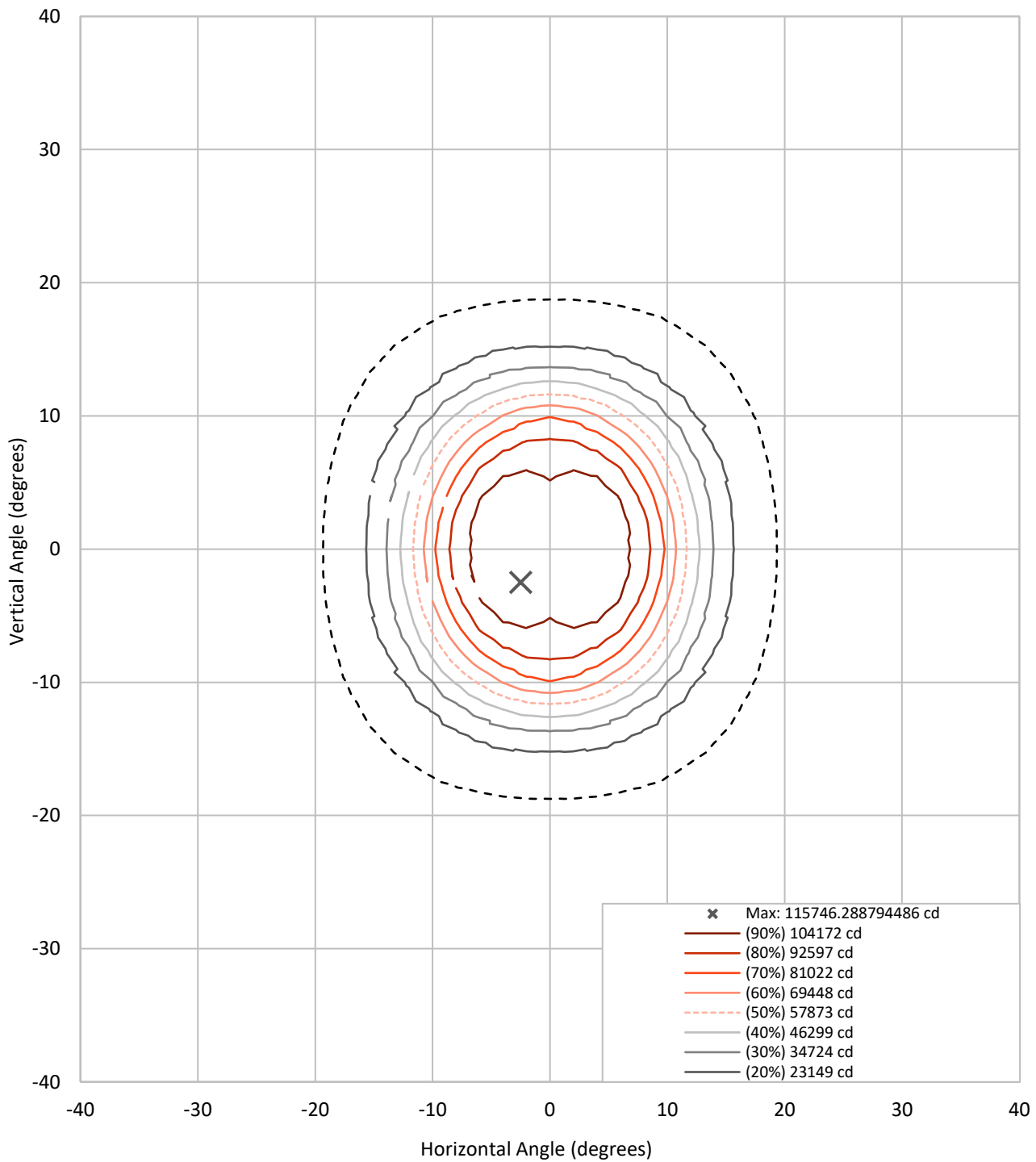
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21887.5 lumens	Max Intensity:	115746.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	108.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	11816.3 lumens	Field Lumens:	17819.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





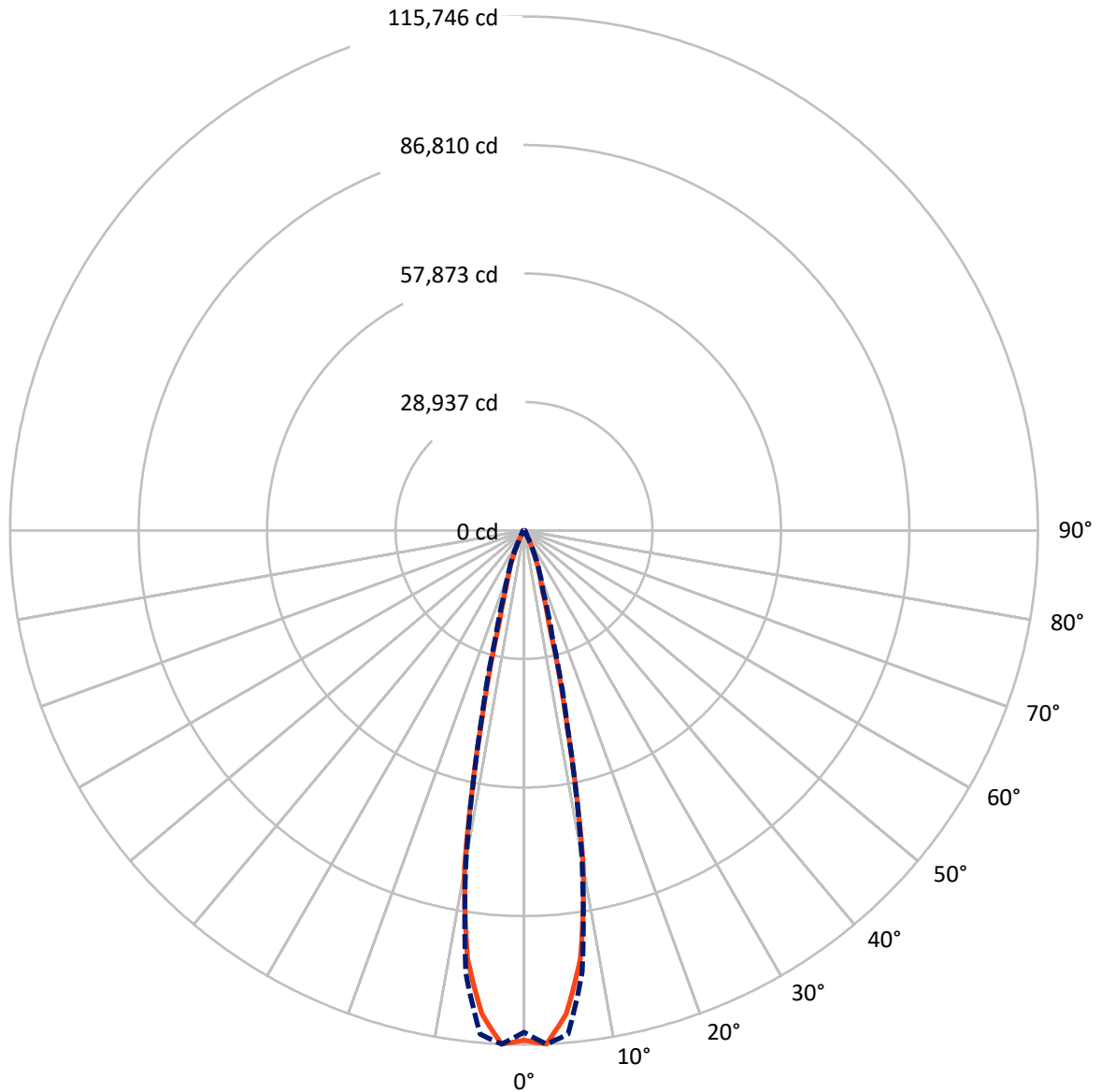
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Lumen Table

90	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3
80	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3
70	1.0	1.1	2.4	3.8	5.3	6.5	7.5	7.9	7.9	7.5	6.5	5.3	3.8	2.4	1.1	1.0
60		1.7	3.5	5.5	7.2	8.6	9.6	10.0	10.0	9.6	8.6	7.2	5.5	3.5	1.7	
50	1.9	2.3	4.4	6.6	8.4	10.3	11.8	12.6	12.6	11.8	10.3	8.4	6.6	4.4	2.3	1.9
40		2.7	5.1	7.4	10.0	13.6	17.9	21.5	21.5	17.9	13.6	10.0	7.4	5.1	2.7	
30	2.4	3.1	5.5	8.2	12.4	22.4	67.2	131.0	131.0	67.2	22.4	12.4	8.2	5.5	3.1	2.4
20		3.3	5.8	8.7	15.4	66.4	306.4	788.0	788.0	306.4	66.4	15.4	8.7	5.8	3.3	
10	2.7	3.4	5.9	9.1	18.5	129.3	797.9	2819.1	2819.1	797.9	129.3	18.5	9.1	5.9	3.4	2.7
0		3.4	5.9	9.1	18.5	129.3	797.9	2819.1	2819.1	797.9	129.3	18.5	9.1	5.9	3.4	
-10	2.4	3.3	5.8	8.7	15.4	66.4	306.4	788.0	788.0	306.4	66.4	15.4	8.7	5.8	3.3	2.4
-20		3.1	5.5	8.2	12.4	22.4	67.2	131.0	131.0	67.2	22.4	12.4	8.2	5.5	3.1	
-30	1.9	2.7	5.1	7.4	10.0	13.6	17.9	21.5	21.5	17.9	13.6	10.0	7.4	5.1	2.7	1.9
-40		2.3	4.4	6.6	8.4	10.3	11.8	12.6	12.6	11.8	10.3	8.4	6.6	4.4	2.3	
-50	1.0	1.7	3.5	5.5	7.2	8.6	9.6	10.0	10.0	9.6	8.6	7.2	5.5	3.5	1.7	1.0
-60		1.1	2.4	3.8	5.3	6.5	7.5	7.9	7.9	7.5	6.5	5.3	3.8	2.4	1.1	
-70	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3
-80		2.2		5.9		9.4		11.0		9.4		5.9		2.2		
-90	0.3	2.2		5.9		9.4		11.0		9.4		5.9		2.2		0.3

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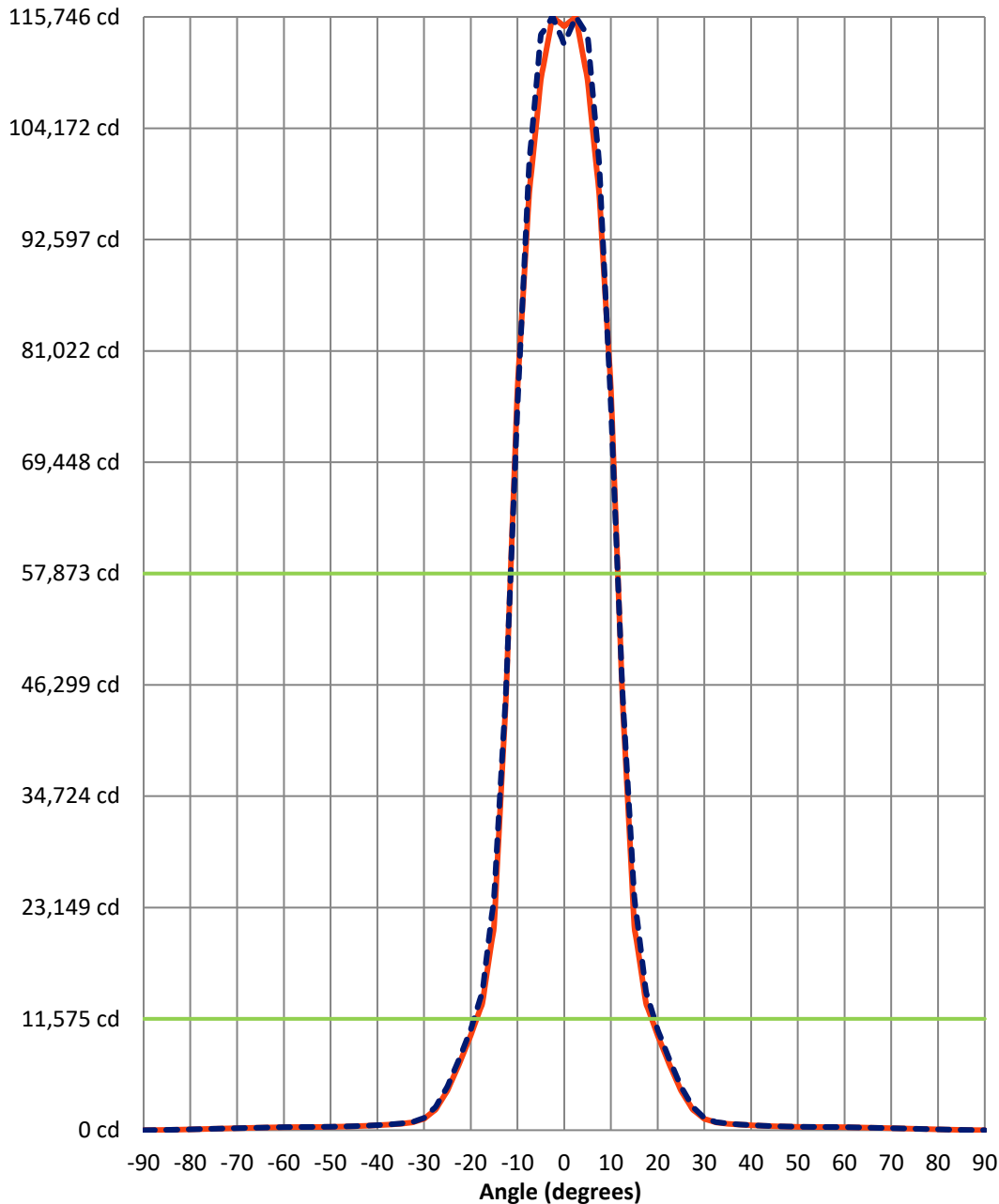
Luminous Intensity Polar Plot



— 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: 11816.3
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 17819.7
Efficiency: 81.4%

Spill:
Lumens: 4067.8
Efficiency: 18.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.2	17.7
80°	0.0	2.1	4.3	6.4	8.5	10.6	12.9	16.0	19.3	22.7	26.3
77.5°	0.0	2.7	5.3	8.0	10.6	13.7	17.6	21.6	25.8	30.2	34.9
75°	0.0	3.2	6.4	9.5	12.9	17.7	22.2	27.1	32.4	38.5	44.2
72.5°	0.0	3.7	7.4	11.1	16.2	21.7	26.9	32.9	40.1	47.0	53.5
70°	0.0	4.2	8.4	12.8	19.4	25.6	31.6	39.8	47.9	55.5	64.6
67.5°	0.0	4.7	9.4	15.2	22.6	29.5	37.6	46.6	55.5	65.8	76.0
65°	0.0	5.2	10.4	17.6	25.7	33.8	43.4	53.4	64.6	76.0	87.4
62.5°	0.0	5.7	11.3	20.0	28.8	38.5	49.1	60.8	73.5	86.1	99.3
60°	0.0	6.1	12.3	22.3	31.9	43.1	54.7	68.4	82.1	96.6	110.9
57.5°	0.0	6.6	13.8	24.6	35.4	47.5	60.9	75.9	91.1	106.8	122.3
55°	0.0	7.1	15.3	26.8	38.8	51.8	67.2	83.1	100.0	116.8	133.4
52.5°	0.0	7.5	16.7	29.0	42.1	56.1	73.2	90.7	108.7	126.6	144.3
50°	0.0	7.9	18.1	31.1	45.2	61.0	79.1	98.1	117.1	136.0	155.1
47.5°	0.0	8.3	19.5	33.2	48.3	65.7	84.8	105.3	125.2	145.2	165.7
45°	0.0	8.7	20.8	35.4	51.2	70.2	90.8	112.3	133.1	154.5	176.0
42.5°	0.0	9.1	22.0	37.5	54.0	74.5	96.6	119.0	140.8	163.5	185.3
40°	0.0	9.4	23.2	39.4	57.0	78.7	102.2	125.4	148.2	172.2	193.9
37.5°	0.0	9.8	24.3	41.3	60.1	82.6	107.5	131.5	155.5	180.1	202.1
35°	0.0	10.1	25.4	43.0	63.1	86.6	112.6	137.2	162.3	186.9	209.9
32.5°	0.0	10.4	26.4	44.7	65.8	90.6	117.4	142.7	168.7	193.4	217.5
30°	0.0	10.7	27.3	46.2	68.4	94.4	121.7	147.8	174.7	199.4	224.4
27.5°	0.0	10.9	28.2	47.6	70.9	97.8	125.8	152.6	179.9	205.0	230.6
25°	0.0	11.1	29.0	48.9	73.3	101.1	129.5	157.1	184.5	210.2	236.2
22.5°	0.0	11.4	29.7	50.1	75.4	104.1	132.9	161.1	188.7	214.8	241.0
20°	0.0	11.6	30.3	51.2	77.4	106.7	136.0	164.7	192.4	218.8	245.3
17.5°	0.0	11.7	30.9	52.2	79.2	109.1	138.7	167.8	195.8	222.2	249.1
15°	0.0	11.9	31.4	53.0	80.8	111.2	141.0	170.6	198.7	225.1	252.4
12.5°	0.0	12.0	31.8	53.7	82.2	112.9	142.9	172.8	201.1	227.5	255.1
10°	0.0	12.1	32.2	54.3	83.4	114.3	144.5	174.7	203.2	229.9	257.3
7.5°	0.0	12.2	32.4	54.7	84.4	115.3	145.8	176.2	204.8	231.9	258.9
5°	0.0	12.3	32.6	55.0	85.2	116.1	146.7	177.3	205.9	233.6	259.9
2.5°	0.0	12.3	32.8	55.2	85.7	116.6	147.2	177.9	206.6	234.7	260.2
0°	0.0	12.3	32.8	55.3	86.0	116.7	147.4	178.1	206.8	235.4	260.0
-2.5°	0.0	12.3	32.8	55.3	86.0	116.7	147.4	178.1	206.8	235.4	260.0
-5°	0.0	12.3	32.6	55.0	85.2	116.1	146.7	177.3	205.9	233.6	259.9
-7.5°	0.0	12.2	32.4	54.7	84.4	115.3	145.8	176.2	204.8	231.9	258.9
-10°	0.0	12.1	32.2	54.3	83.4	114.3	144.5	174.7	203.2	229.9	257.3
-12.5°	0.0	12.0	31.8	53.7	82.2	112.9	142.9	172.8	201.1	227.5	255.1
-15°	0.0	11.9	31.4	53.0	80.8	111.2	141.0	170.6	198.7	225.1	252.4
-17.5°	0.0	11.7	30.9	52.2	79.2	109.1	138.7	167.8	195.8	222.2	249.1
-20°	0.0	11.6	30.3	51.2	77.4	106.7	136.0	164.7	192.4	218.8	245.3



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	29.7	50.1	75.4	104.1	132.9	161.1	188.7	214.8	241.0
-25°	0.0	11.1	29.0	48.9	73.3	101.1	129.5	157.1	184.5	210.2	236.2
-27.5°	0.0	10.9	28.2	47.6	70.9	97.8	125.8	152.6	179.9	205.0	230.6
-30°	0.0	10.7	27.3	46.2	68.4	94.4	121.7	147.8	174.7	199.4	224.4
-32.5°	0.0	10.4	26.4	44.7	65.8	90.6	117.4	142.7	168.7	193.4	217.5
-35°	0.0	10.1	25.4	43.0	63.1	86.6	112.6	137.2	162.3	186.9	209.9
-37.5°	0.0	9.8	24.3	41.3	60.1	82.6	107.5	131.5	155.5	180.1	202.1
-40°	0.0	9.4	23.2	39.4	57.0	78.7	102.2	125.4	148.2	172.2	193.9
-42.5°	0.0	9.1	22.0	37.5	54.0	74.5	96.6	119.0	140.8	163.5	185.3
-45°	0.0	8.7	20.8	35.4	51.2	70.2	90.8	112.3	133.1	154.5	176.0
-47.5°	0.0	8.3	19.5	33.2	48.3	65.7	84.8	105.3	125.2	145.2	165.7
-50°	0.0	7.9	18.1	31.1	45.2	61.0	79.1	98.1	117.1	136.0	155.1
-52.5°	0.0	7.5	16.7	29.0	42.1	56.1	73.2	90.7	108.7	126.6	144.3
-55°	0.0	7.1	15.3	26.8	38.8	51.8	67.2	83.1	100.0	116.8	133.4
-57.5°	0.0	6.6	13.8	24.6	35.4	47.5	60.9	75.9	91.1	106.8	122.3
-60°	0.0	6.1	12.3	22.3	31.9	43.1	54.7	68.4	82.1	96.6	110.9
-62.5°	0.0	5.7	11.3	20.0	28.8	38.5	49.1	60.8	73.5	86.1	99.3
-65°	0.0	5.2	10.4	17.6	25.7	33.8	43.4	53.4	64.6	76.0	87.4
-67.5°	0.0	4.7	9.4	15.2	22.6	29.5	37.6	46.6	55.5	65.8	76.0
-70°	0.0	4.2	8.4	12.8	19.4	25.6	31.6	39.8	47.9	55.5	64.6
-72.5°	0.0	3.7	7.4	11.1	16.2	21.7	26.9	32.9	40.1	47.0	53.5
-75°	0.0	3.2	6.4	9.5	12.9	17.7	22.2	27.1	32.4	38.5	44.2
-77.5°	0.0	2.7	5.3	8.0	10.6	13.7	17.6	21.6	25.8	30.2	34.9
-80°	0.0	2.1	4.3	6.4	8.5	10.6	12.9	16.0	19.3	22.7	26.3
-82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.8	15.2	17.7
-85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
-87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.7	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
85°	11.3	12.3	13.7	15.0	16.2	17.3	18.2	19.1	20.3	21.5	22.8
82.5°	19.9	22.0	23.8	25.5	27.1	28.4	29.9	31.9	34.5	36.9	39.1
80°	29.1	31.7	34.7	37.8	41.0	44.2	47.4	50.6	53.4	56.0	58.9
77.5°	39.1	43.2	47.4	51.7	56.1	61.0	65.7	70.2	74.4	78.5	82.5
75°	49.5	54.7	60.9	67.2	73.2	79.1	84.8	90.6	96.2	101.5	106.6
72.5°	60.8	68.4	75.9	83.1	91.0	98.6	105.6	112.1	118.9	125.7	132.1
70°	73.5	82.1	91.4	100.9	110.2	118.6	126.9	135.4	143.8	151.1	157.4
67.5°	86.1	96.8	107.7	118.5	128.6	138.3	148.2	157.7	166.5	174.0	181.2
65°	99.3	111.4	123.3	134.9	146.2	157.7	168.6	178.8	188.2	196.8	204.9
62.5°	112.3	125.5	138.5	151.4	164.6	177.2	188.5	199.3	209.7	218.8	227.6
60°	125.1	139.3	153.5	168.0	182.3	195.5	207.7	219.0	229.6	239.7	248.8
57.5°	137.6	152.8	168.4	183.9	198.9	213.2	225.6	237.5	248.4	258.7	268.2
55°	149.8	166.0	182.7	199.1	214.7	229.4	242.7	254.7	266.3	275.7	284.8
52.5°	161.9	178.9	196.4	213.5	229.4	244.6	258.5	270.6	281.2	290.9	298.9
50°	173.8	191.5	209.6	226.8	243.3	258.8	272.8	284.5	294.5	303.4	310.9
47.5°	185.0	203.7	221.6	239.5	256.2	271.6	285.4	296.3	306.2	314.1	321.1
45°	195.6	215.0	233.6	251.1	268.2	283.4	296.1	307.1	316.1	324.1	331.2
42.5°	205.7	226.0	244.8	262.3	279.1	293.7	306.1	316.4	325.7	333.5	341.3
40°	215.4	236.6	255.6	272.9	289.3	303.1	314.8	325.3	334.3	343.2	351.7
37.5°	224.8	246.2	265.9	283.5	297.9	311.4	322.9	333.3	343.5	353.3	364.7
35°	233.8	255.6	275.4	292.7	306.9	318.7	330.4	341.8	353.6	365.9	379.2
32.5°	242.1	264.5	284.7	300.5	313.8	325.7	337.9	351.5	365.5	379.6	395.9
30°	249.6	272.6	292.9	307.8	320.0	331.9	346.2	361.8	378.2	394.5	413.5
27.5°	256.1	280.3	299.1	313.5	325.5	336.9	352.9	373.2	390.9	408.3	429.2
25°	262.1	286.4	304.8	318.3	329.6	341.9	358.5	379.3	401.7	420.6	449.8
22.5°	267.3	291.9	310.1	322.6	332.8	346.1	362.9	383.4	406.5	430.3	470.7
20°	271.7	295.9	314.6	326.3	335.3	349.1	365.4	386.3	411.9	446.3	491.1
17.5°	275.6	300.0	317.9	328.7	338.3	351.4	366.2	388.0	417.7	460.7	509.8
15°	279.0	303.9	320.7	330.7	340.6	353.4	369.6	392.4	426.6	474.1	527.0
12.5°	281.8	307.7	323.1	332.3	342.1	355.0	373.3	399.2	437.2	487.4	546.0
10°	283.9	311.3	324.9	333.6	342.9	356.1	376.4	404.5	446.0	499.7	562.8
7.5°	285.9	314.1	326.4	334.6	343.0	356.7	378.9	408.4	452.4	509.9	576.8
5°	287.4	315.9	327.7	335.2	342.9	356.9	380.8	410.8	456.4	517.6	587.3
2.5°	288.4	316.9	328.8	335.6	342.6	356.8	382.3	414.8	461.3	523.3	593.7
0°	288.7	317.3	329.6	335.7	341.9	356.2	382.8	417.6	464.7	526.1	595.7
-2.5°	288.4	316.9	328.8	335.6	342.6	356.8	382.3	414.8	461.3	523.3	593.7
-5°	287.4	315.9	327.7	335.2	342.9	356.9	380.8	410.8	456.4	517.6	587.3
-7.5°	285.9	314.1	326.4	334.6	343.0	356.7	378.9	408.4	452.4	509.9	576.8
-10°	283.9	311.3	324.9	333.6	342.9	356.1	376.4	404.5	446.0	499.7	562.8
-12.5°	281.8	307.7	323.1	332.3	342.1	355.0	373.3	399.2	437.2	487.4	546.0
-15°	279.0	303.9	320.7	330.7	340.6	353.4	369.6	392.4	426.6	474.1	527.0
-17.5°	275.6	300.0	317.9	328.7	338.3	351.4	366.2	388.0	417.7	460.7	509.8
-20°	271.7	295.9	314.6	326.3	335.3	349.1	365.4	386.3	411.9	446.3	491.1



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	267.3	291.9	310.1	322.6	332.8	346.1	362.9	383.4	406.5	430.3	470.7
-25°	262.1	286.4	304.8	318.3	329.6	341.9	358.5	379.3	401.7	420.6	449.8
-27.5°	256.1	280.3	299.1	313.5	325.5	336.9	352.9	373.2	390.9	408.3	429.2
-30°	249.6	272.6	292.9	307.8	320.0	331.9	346.2	361.8	378.2	394.5	413.5
-32.5°	242.1	264.5	284.7	300.5	313.8	325.7	337.9	351.5	365.5	379.6	395.9
-35°	233.8	255.6	275.4	292.7	306.9	318.7	330.4	341.8	353.6	365.9	379.2
-37.5°	224.8	246.2	265.9	283.5	297.9	311.4	322.9	333.3	343.5	353.3	364.7
-40°	215.4	236.6	255.6	272.9	289.3	303.1	314.8	325.3	334.3	343.2	351.7
-42.5°	205.7	226.0	244.8	262.3	279.1	293.7	306.1	316.4	325.7	333.5	341.3
-45°	195.6	215.0	233.6	251.1	268.2	283.4	296.1	307.1	316.1	324.1	331.2
-47.5°	185.0	203.7	221.6	239.5	256.2	271.6	285.4	296.3	306.2	314.1	321.1
-50°	173.8	191.5	209.6	226.8	243.3	258.8	272.8	284.5	294.5	303.4	310.9
-52.5°	161.9	178.9	196.4	213.5	229.4	244.6	258.5	270.6	281.2	290.9	298.9
-55°	149.8	166.0	182.7	199.1	214.7	229.4	242.7	254.7	266.3	275.7	284.8
-57.5°	137.6	152.8	168.4	183.9	198.9	213.2	225.6	237.5	248.4	258.7	268.2
-60°	125.1	139.3	153.5	168.0	182.3	195.5	207.7	219.0	229.6	239.7	248.8
-62.5°	112.3	125.5	138.5	151.4	164.6	177.2	188.5	199.3	209.7	218.8	227.6
-65°	99.3	111.4	123.3	134.9	146.2	157.7	168.6	178.8	188.2	196.8	204.9
-67.5°	86.1	96.8	107.7	118.5	128.6	138.3	148.2	157.7	166.5	174.0	181.2
-70°	73.5	82.1	91.4	100.9	110.2	118.6	126.9	135.4	143.8	151.1	157.4
-72.5°	60.8	68.4	75.9	83.1	91.0	98.6	105.6	112.1	118.9	125.7	132.1
-75°	49.5	54.7	60.9	67.2	73.2	79.1	84.8	90.6	96.2	101.5	106.6
-77.5°	39.1	43.2	47.4	51.7	56.1	61.0	65.7	70.2	74.4	78.5	82.5
-80°	29.1	31.7	34.7	37.8	41.0	44.2	47.4	50.6	53.4	56.0	58.9
-82.5°	19.9	22.0	23.8	25.5	27.1	28.4	29.9	31.9	34.5	36.9	39.1
-85°	11.3	12.3	13.7	15.0	16.2	17.3	18.2	19.1	20.3	21.5	22.8
-87.5°	5.7	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	10.1	9.9	9.7	9.5	9.2	9.9	10.6	11.2	11.9	12.0	12.1
85°	24.0	24.8	25.5	26.2	26.9	27.6	28.3	28.9	29.4	30.3	31.1
82.5°	40.9	42.6	44.1	45.5	46.8	48.4	49.9	51.4	52.7	53.6	54.2
80°	61.6	64.4	66.9	69.1	71.1	73.5	75.9	78.0	79.9	81.2	82.1
77.5°	86.5	90.0	93.2	96.2	99.1	101.9	104.2	106.2	107.7	109.5	111.3
75°	111.4	116.0	120.4	124.3	127.8	130.9	133.7	136.3	138.6	140.7	142.4
72.5°	137.9	143.1	147.8	152.1	156.2	160.2	163.9	167.2	170.1	172.5	174.5
70°	163.3	169.0	174.7	180.1	184.9	189.4	193.4	197.0	200.1	202.7	204.9
67.5°	188.0	194.4	200.9	206.9	212.2	216.9	221.5	225.6	229.4	232.4	234.4
65°	212.4	219.6	226.5	232.7	238.2	243.1	248.2	252.6	256.3	259.1	261.0
62.5°	236.2	244.0	250.7	257.1	263.2	268.4	272.7	276.8	280.5	283.6	285.5
60°	257.4	265.5	272.1	278.1	283.7	288.8	293.1	297.3	301.3	304.8	307.5
57.5°	276.2	283.7	290.4	295.8	300.8	305.3	309.5	313.1	315.8	317.9	319.8
55°	292.6	299.2	305.5	310.8	315.2	318.8	322.0	324.5	326.4	327.8	328.9
52.5°	306.5	312.7	318.9	324.0	327.4	330.4	333.1	336.1	337.8	338.1	337.9
50°	317.6	324.2	329.8	334.4	339.0	344.1	349.5	352.2	353.3	352.6	351.7
47.5°	327.9	334.3	340.4	346.2	352.8	361.5	370.2	374.4	374.1	372.2	371.3
45°	338.0	345.0	352.1	361.0	370.4	381.5	391.8	398.2	398.2	398.4	399.9
42.5°	348.5	357.2	367.0	379.0	391.3	403.8	414.7	422.7	428.6	435.9	441.9
40°	361.4	371.2	385.8	400.6	416.6	429.9	446.8	461.4	473.3	484.1	492.4
37.5°	376.6	390.6	409.1	428.2	448.9	469.7	489.4	507.9	523.6	541.5	554.9
35°	394.8	414.7	437.2	461.1	486.9	513.3	538.7	568.0	593.8	616.9	635.7
32.5°	416.2	440.1	467.7	499.5	531.6	566.5	603.1	640.8	677.1	714.9	752.8
30°	437.5	469.2	504.4	542.9	580.7	626.4	673.9	735.6	800.2	874.0	987.3
27.5°	463.5	501.4	542.3	586.7	638.7	697.1	788.7	902.7	1097.2	1242.6	1633.2
25°	489.0	532.2	584.8	642.4	712.3	818.9	1037.9	1291.2	1855.4	2383.5	2993.7
22.5°	514.8	568.7	631.7	702.0	823.4	1098.0	1515.1	2278.9	3150.4	4075.4	5017.5
20°	540.8	604.3	683.2	800.5	1054.6	1524.6	2460.8	3688.1	4926.5	6439.2	7747.4
17.5°	570.2	648.8	751.9	928.4	1347.0	2354.0	3738.8	5441.9	7358.1	9302.9	10935.9
15°	594.4	686.5	824.6	1169.4	1959.9	3295.8	5108.0	7416.5	10029.4	12488.1	14585.2
12.5°	621.1	728.3	910.0	1365.0	2525.3	4281.8	6669.9	9510.7	12645.3	16014.3	21348.3
10°	645.8	770.5	1053.1	1771.1	3177.1	5278.0	8068.7	11269.6	15071.1	21816.2	34425.2
7.5°	666.6	803.8	1160.8	2073.8	3767.0	6217.8	9209.0	12773.5	18489.0	29821.1	51039.0
5°	680.8	826.0	1235.6	2300.3	4236.9	6911.1	9938.0	13763.9	21976.0	39606.0	65154.5
2.5°	690.7	837.9	1275.5	2432.3	4534.2	7370.1	10454.5	14430.3	24317.0	45265.8	75199.2
0°	698.1	841.4	1283.6	2546.8	4635.0	7525.7	10479.9	14609.2	25119.8	47475.7	78778.2
-2.5°	690.7	837.9	1275.5	2432.3	4534.2	7370.1	10454.5	14430.3	24317.0	45265.8	75199.2
-5°	680.8	826.0	1235.6	2300.3	4236.9	6911.1	9938.0	13763.9	21976.0	39606.0	65154.5
-7.5°	666.6	803.8	1160.8	2073.8	3767.0	6217.8	9209.0	12773.5	18489.0	29821.1	51039.0
-10°	645.8	770.5	1053.1	1771.1	3177.1	5278.0	8068.7	11269.6	15071.1	21816.2	34425.2
-12.5°	621.1	728.3	910.0	1365.0	2525.3	4281.8	6669.9	9510.7	12645.3	16014.3	21348.3
-15°	594.4	686.5	824.6	1169.4	1959.9	3295.8	5108.0	7416.5	10029.4	12488.1	14585.2
-17.5°	570.2	648.8	751.9	928.4	1347.0	2354.0	3738.8	5441.9	7358.1	9302.9	10935.9
-20°	540.8	604.3	683.2	800.5	1054.6	1524.6	2460.8	3688.1	4926.5	6439.2	7747.4



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	514.8	568.7	631.7	702.0	823.4	1098.0	1515.1	2278.9	3150.4	4075.4	5017.5
-25°	489.0	532.2	584.8	642.4	712.3	818.9	1037.9	1291.2	1855.4	2383.5	2993.7
-27.5°	463.5	501.4	542.3	586.7	638.7	697.1	788.7	902.7	1097.2	1242.6	1633.2
-30°	437.5	469.2	504.4	542.9	580.7	626.4	673.9	735.6	800.2	874.0	987.3
-32.5°	416.2	440.1	467.7	499.5	531.6	566.5	603.1	640.8	677.1	714.9	752.8
-35°	394.8	414.7	437.2	461.1	486.9	513.3	538.7	568.0	593.8	616.9	635.7
-37.5°	376.6	390.6	409.1	428.2	448.9	469.7	489.4	507.9	523.6	541.5	554.9
-40°	361.4	371.2	385.8	400.6	416.6	429.9	446.8	461.4	473.3	484.1	492.4
-42.5°	348.5	357.2	367.0	379.0	391.3	403.8	414.7	422.7	428.6	435.9	441.9
-45°	338.0	345.0	352.1	361.0	370.4	381.5	391.8	398.2	398.2	398.4	399.9
-47.5°	327.9	334.3	340.4	346.2	352.8	361.5	370.2	374.4	374.1	372.2	371.3
-50°	317.6	324.2	329.8	334.4	339.0	344.1	349.5	352.2	353.3	352.6	351.7
-52.5°	306.5	312.7	318.9	324.0	327.4	330.4	333.1	336.1	337.8	338.1	337.9
-55°	292.6	299.2	305.5	310.8	315.2	318.8	322.0	324.5	326.4	327.8	328.9
-57.5°	276.2	283.7	290.4	295.8	300.8	305.3	309.5	313.1	315.8	317.9	319.8
-60°	257.4	265.5	272.1	278.1	283.7	288.8	293.1	297.3	301.3	304.8	307.5
-62.5°	236.2	244.0	250.7	257.1	263.2	268.4	272.7	276.8	280.5	283.6	285.5
-65°	212.4	219.6	226.5	232.7	238.2	243.1	248.2	252.6	256.3	259.1	261.0
-67.5°	188.0	194.4	200.9	206.9	212.2	216.9	221.5	225.6	229.4	232.4	234.4
-70°	163.3	169.0	174.7	180.1	184.9	189.4	193.4	197.0	200.1	202.7	204.9
-72.5°	137.9	143.1	147.8	152.1	156.2	160.2	163.9	167.2	170.1	172.5	174.5
-75°	111.4	116.0	120.4	124.3	127.8	130.9	133.7	136.3	138.6	140.7	142.4
-77.5°	86.5	90.0	93.2	96.2	99.1	101.9	104.2	106.2	107.7	109.5	111.3
-80°	61.6	64.4	66.9	69.1	71.1	73.5	75.9	78.0	79.9	81.2	82.1
-82.5°	40.9	42.6	44.1	45.5	46.8	48.4	49.9	51.4	52.7	53.6	54.2
-85°	24.0	24.8	25.5	26.2	26.9	27.6	28.3	28.9	29.4	30.3	31.1
-87.5°	10.1	9.9	9.7	9.5	9.2	9.9	10.6	11.2	11.9	12.0	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.2
85°	31.9	32.6	31.7	30.7	31.7	32.6	31.9	31.1	30.3	29.4	28.9
82.5°	54.7	55.0	55.2	55.3	55.2	55.0	54.7	54.2	53.6	52.7	51.4
80°	82.9	83.5	84.8	86.0	84.8	83.5	82.9	82.1	81.2	79.9	78.0
77.5°	112.8	114.0	114.5	114.6	114.5	114.0	112.8	111.3	109.5	107.7	106.2
75°	143.8	144.7	147.1	149.4	147.1	144.7	143.8	142.4	140.7	138.6	136.3
72.5°	176.1	177.2	178.9	180.2	178.9	177.2	176.1	174.5	172.5	170.1	167.2
70°	206.6	207.8	208.6	208.8	208.6	207.8	206.6	204.9	202.7	200.1	197.0
67.5°	235.7	236.5	236.3	235.4	236.3	236.5	235.7	234.4	232.4	229.4	225.6
65°	262.3	263.1	262.9	262.0	262.9	263.1	262.3	261.0	259.1	256.3	252.6
62.5°	286.9	287.7	288.4	288.7	288.4	287.7	286.9	285.5	283.6	280.5	276.8
60°	309.9	311.8	312.9	313.2	312.9	311.8	309.9	307.5	304.8	301.3	297.3
57.5°	321.4	322.7	323.4	323.5	323.4	322.7	321.4	319.8	317.9	315.8	313.1
55°	329.4	329.4	328.7	327.6	328.7	329.4	329.4	328.9	327.8	326.4	324.5
52.5°	337.3	336.1	335.6	335.7	335.6	336.1	337.3	337.9	338.1	337.8	336.1
50°	350.6	348.6	347.8	348.0	347.8	348.6	350.6	351.7	352.6	353.3	352.2
47.5°	372.5	373.3	374.1	374.6	374.1	373.3	372.5	371.3	372.2	374.1	374.4
45°	404.0	406.8	408.6	409.4	408.6	406.8	404.0	399.9	398.4	398.2	398.2
42.5°	448.1	451.6	452.9	452.4	452.9	451.6	448.1	441.9	435.9	428.6	422.7
40°	501.0	507.9	511.9	511.8	511.9	507.9	501.0	492.4	484.1	473.3	461.4
37.5°	566.9	576.2	580.8	579.4	580.8	576.2	566.9	554.9	541.5	523.6	507.9
35°	650.1	659.3	663.1	667.4	663.1	659.3	650.1	635.7	616.9	593.8	568.0
32.5°	782.6	801.2	808.6	798.4	808.6	801.2	782.6	752.8	714.9	677.1	640.8
30°	1063.9	1131.9	1177.3	1199.7	1177.3	1131.9	1063.9	987.3	874.0	800.2	735.6
27.5°	1902.0	2079.8	2155.1	2196.7	2155.1	2079.8	1902.0	1633.2	1242.6	1097.2	902.7
25°	3516.2	3895.8	4114.3	4096.5	4114.3	3895.8	3516.2	2993.7	2383.5	1855.4	1291.2
22.5°	5892.9	6491.9	6851.2	6983.2	6851.2	6491.9	5892.9	5017.5	4075.4	3150.4	2278.9
20°	8839.4	9511.0	9862.2	9914.8	9862.2	9511.0	8839.4	7747.4	6439.2	4926.5	3688.1
17.5°	12221.0	12857.7	13227.8	13223.2	13227.8	12857.7	12221.0	10935.9	9302.9	7358.1	5441.9
15°	17441.6	19906.1	21295.8	21092.8	21295.8	19906.1	17441.6	14585.2	12488.1	10029.4	7416.5
12.5°	28579.3	38422.8	44528.6	46036.5	44528.6	38422.8	28579.3	21348.3	16014.3	12645.3	9510.7
10°	50503.3	65229.8	76990.7	80389.4	76990.7	65229.8	50503.3	34425.2	21816.2	15071.1	11269.6
7.5°	72645.7	90123.8	97316.7	98152.3	97316.7	90123.8	72645.7	51039.0	29821.1	18489.0	12773.5
5°	89358.9	107143.4	109201.8	104031.0	109201.8	107143.4	89358.9	65154.5	39606.0	21976.0	13763.9
2.5°	100391.0	113827.4	115746.3	112963.2	115746.3	113827.4	100391.0	75199.2	45265.8	24317.0	14430.3
0°	102907.0	112050.1	114776.0	115073.9	114776.0	112050.1	102907.0	78778.2	47475.7	25119.8	14609.2
-2.5°	100391.0	113827.4	115746.3	112963.2	115746.3	113827.4	100391.0	75199.2	45265.8	24317.0	14430.3
-5°	89358.9	107143.4	109201.8	104031.0	109201.8	107143.4	89358.9	65154.5	39606.0	21976.0	13763.9
-7.5°	72645.7	90123.8	97316.7	98152.3	97316.7	90123.8	72645.7	51039.0	29821.1	18489.0	12773.5
-10°	50503.3	65229.8	76990.7	80389.4	76990.7	65229.8	50503.3	34425.2	21816.2	15071.1	11269.6
-12.5°	28579.3	38422.8	44528.6	46036.5	44528.6	38422.8	28579.3	21348.3	16014.3	12645.3	9510.7
-15°	17441.6	19906.1	21295.8	21092.8	21295.8	19906.1	17441.6	14585.2	12488.1	10029.4	7416.5
-17.5°	12221.0	12857.7	13227.8	13223.2	13227.8	12857.7	12221.0	10935.9	9302.9	7358.1	5441.9
-20°	8839.4	9511.0	9862.2	9914.8	9862.2	9511.0	8839.4	7747.4	6439.2	4926.5	3688.1



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	5892.9	6491.9	6851.2	6983.2	6851.2	6491.9	5892.9	5017.5	4075.4	3150.4	2278.9
-25°	3516.2	3895.8	4114.3	4096.5	4114.3	3895.8	3516.2	2993.7	2383.5	1855.4	1291.2
-27.5°	1902.0	2079.8	2155.1	2196.7	2155.1	2079.8	1902.0	1633.2	1242.6	1097.2	902.7
-30°	1063.9	1131.9	1177.3	1199.7	1177.3	1131.9	1063.9	987.3	874.0	800.2	735.6
-32.5°	782.6	801.2	808.6	798.4	808.6	801.2	782.6	752.8	714.9	677.1	640.8
-35°	650.1	659.3	663.1	667.4	663.1	659.3	650.1	635.7	616.9	593.8	568.0
-37.5°	566.9	576.2	580.8	579.4	580.8	576.2	566.9	554.9	541.5	523.6	507.9
-40°	501.0	507.9	511.9	511.8	511.9	507.9	501.0	492.4	484.1	473.3	461.4
-42.5°	448.1	451.6	452.9	452.4	452.9	451.6	448.1	441.9	435.9	428.6	422.7
-45°	404.0	406.8	408.6	409.4	408.6	406.8	404.0	399.9	398.4	398.2	398.2
-47.5°	372.5	373.3	374.1	374.6	374.1	373.3	372.5	371.3	372.2	374.1	374.4
-50°	350.6	348.6	347.8	348.0	347.8	348.6	350.6	351.7	352.6	353.3	352.2
-52.5°	337.3	336.1	335.6	335.7	335.6	336.1	337.3	337.9	338.1	337.8	336.1
-55°	329.4	329.4	328.7	327.6	328.7	329.4	329.4	328.9	327.8	326.4	324.5
-57.5°	321.4	322.7	323.4	323.5	323.4	322.7	321.4	319.8	317.9	315.8	313.1
-60°	309.9	311.8	312.9	313.2	312.9	311.8	309.9	307.5	304.8	301.3	297.3
-62.5°	286.9	287.7	288.4	288.7	288.4	287.7	286.9	285.5	283.6	280.5	276.8
-65°	262.3	263.1	262.9	262.0	262.9	263.1	262.3	261.0	259.1	256.3	252.6
-67.5°	235.7	236.5	236.3	235.4	236.3	236.5	235.7	234.4	232.4	229.4	225.6
-70°	206.6	207.8	208.6	208.8	208.6	207.8	206.6	204.9	202.7	200.1	197.0
-72.5°	176.1	177.2	178.9	180.2	178.9	177.2	176.1	174.5	172.5	170.1	167.2
-75°	143.8	144.7	147.1	149.4	147.1	144.7	143.8	142.4	140.7	138.6	136.3
-77.5°	112.8	114.0	114.5	114.6	114.5	114.0	112.8	111.3	109.5	107.7	106.2
-80°	82.9	83.5	84.8	86.0	84.8	83.5	82.9	82.1	81.2	79.9	78.0
-82.5°	54.7	55.0	55.2	55.3	55.2	55.0	54.7	54.2	53.6	52.7	51.4
-85°	31.9	32.6	31.7	30.7	31.7	32.6	31.9	31.1	30.3	29.4	28.9
-87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.2
-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: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	10.6	9.9	9.2	9.5	9.7	9.9	10.1	9.8	9.4	9.1	8.7
85°	28.3	27.6	26.9	26.2	25.5	24.8	24.0	22.8	21.5	20.3	19.1
82.5°	49.9	48.4	46.8	45.5	44.1	42.6	40.9	39.1	36.9	34.5	31.9
80°	75.9	73.5	71.1	69.1	66.9	64.4	61.6	58.9	56.0	53.4	50.6
77.5°	104.2	101.9	99.1	96.2	93.2	90.0	86.5	82.5	78.5	74.4	70.2
75°	133.7	130.9	127.8	124.3	120.4	116.0	111.4	106.6	101.5	96.2	90.6
72.5°	163.9	160.2	156.2	152.1	147.8	143.1	137.9	132.1	125.7	118.9	112.1
70°	193.4	189.4	184.9	180.1	174.7	169.0	163.3	157.4	151.1	143.8	135.4
67.5°	221.5	216.9	212.2	206.9	200.9	194.4	188.0	181.2	174.0	166.5	157.7
65°	248.2	243.1	238.2	232.7	226.5	219.6	212.4	204.9	196.8	188.2	178.8
62.5°	272.7	268.4	263.2	257.1	250.7	244.0	236.2	227.6	218.8	209.7	199.3
60°	293.1	288.8	283.7	278.1	272.1	265.5	257.4	248.8	239.7	229.6	219.0
57.5°	309.5	305.3	300.8	295.8	290.4	283.7	276.2	268.2	258.7	248.4	237.5
55°	322.0	318.8	315.2	310.8	305.5	299.2	292.6	284.8	275.7	266.3	254.7
52.5°	333.1	330.4	327.4	324.0	318.9	312.7	306.5	298.9	290.9	281.2	270.6
50°	349.5	344.1	339.0	334.4	329.8	324.2	317.6	310.9	303.4	294.5	284.5
47.5°	370.2	361.5	352.8	346.2	340.4	334.3	327.9	321.1	314.1	306.2	296.3
45°	391.8	381.5	370.4	361.0	352.1	345.0	338.0	331.2	324.1	316.1	307.1
42.5°	414.7	403.8	391.3	379.0	367.0	357.2	348.5	341.3	333.5	325.7	316.4
40°	446.8	429.9	416.6	400.6	385.8	371.2	361.4	351.7	343.2	334.3	325.3
37.5°	489.4	469.7	448.9	428.2	409.1	390.6	376.6	364.7	353.3	343.5	333.3
35°	538.7	513.3	486.9	461.1	437.2	414.7	394.8	379.2	365.9	353.6	341.8
32.5°	603.1	566.5	531.6	499.5	467.7	440.1	416.2	395.9	379.6	365.5	351.5
30°	673.9	626.4	580.7	542.9	504.4	469.2	437.5	413.5	394.5	378.2	361.8
27.5°	788.7	697.1	638.7	586.7	542.3	501.4	463.5	429.2	408.3	390.9	373.2
25°	1037.9	818.9	712.3	642.4	584.8	532.2	489.0	449.8	420.6	401.7	379.3
22.5°	1515.1	1098.0	823.4	702.0	631.7	568.7	514.8	470.7	430.3	406.5	383.4
20°	2460.8	1524.6	1054.6	800.5	683.2	604.3	540.8	491.1	446.3	411.9	386.3
17.5°	3738.8	2354.0	1347.0	928.4	751.9	648.8	570.2	509.8	460.7	417.7	388.0
15°	5108.0	3295.8	1959.9	1169.4	824.6	686.5	594.4	527.0	474.1	426.6	392.4
12.5°	6669.9	4281.8	2525.3	1365.0	910.0	728.3	621.1	546.0	487.4	437.2	399.2
10°	8068.7	5278.0	3177.1	1771.1	1053.1	770.5	645.8	562.8	499.7	446.0	404.5
7.5°	9209.0	6217.8	3767.0	2073.8	1160.8	803.8	666.6	576.8	509.9	452.4	408.4
5°	9938.0	6911.1	4236.9	2300.3	1235.6	826.0	680.8	587.3	517.6	456.4	410.8
2.5°	10454.5	7370.1	4534.2	2432.3	1275.5	837.9	690.7	593.7	523.3	461.3	414.8
0°	10479.9	7525.7	4635.0	2546.8	1283.6	841.4	698.1	595.7	526.1	464.7	417.6
-2.5°	10454.5	7370.1	4534.2	2432.3	1275.5	837.9	690.7	593.7	523.3	461.3	414.8
-5°	9938.0	6911.1	4236.9	2300.3	1235.6	826.0	680.8	587.3	517.6	456.4	410.8
-7.5°	9209.0	6217.8	3767.0	2073.8	1160.8	803.8	666.6	576.8	509.9	452.4	408.4
-10°	8068.7	5278.0	3177.1	1771.1	1053.1	770.5	645.8	562.8	499.7	446.0	404.5
-12.5°	6669.9	4281.8	2525.3	1365.0	910.0	728.3	621.1	546.0	487.4	437.2	399.2
-15°	5108.0	3295.8	1959.9	1169.4	824.6	686.5	594.4	527.0	474.1	426.6	392.4
-17.5°	3738.8	2354.0	1347.0	928.4	751.9	648.8	570.2	509.8	460.7	417.7	388.0
-20°	2460.8	1524.6	1054.6	800.5	683.2	604.3	540.8	491.1	446.3	411.9	386.3



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	1515.1	1098.0	823.4	702.0	631.7	568.7	514.8	470.7	430.3	406.5	383.4
-25°	1037.9	818.9	712.3	642.4	584.8	532.2	489.0	449.8	420.6	401.7	379.3
-27.5°	788.7	697.1	638.7	586.7	542.3	501.4	463.5	429.2	408.3	390.9	373.2
-30°	673.9	626.4	580.7	542.9	504.4	469.2	437.5	413.5	394.5	378.2	361.8
-32.5°	603.1	566.5	531.6	499.5	467.7	440.1	416.2	395.9	379.6	365.5	351.5
-35°	538.7	513.3	486.9	461.1	437.2	414.7	394.8	379.2	365.9	353.6	341.8
-37.5°	489.4	469.7	448.9	428.2	409.1	390.6	376.6	364.7	353.3	343.5	333.3
-40°	446.8	429.9	416.6	400.6	385.8	371.2	361.4	351.7	343.2	334.3	325.3
-42.5°	414.7	403.8	391.3	379.0	367.0	357.2	348.5	341.3	333.5	325.7	316.4
-45°	391.8	381.5	370.4	361.0	352.1	345.0	338.0	331.2	324.1	316.1	307.1
-47.5°	370.2	361.5	352.8	346.2	340.4	334.3	327.9	321.1	314.1	306.2	296.3
-50°	349.5	344.1	339.0	334.4	329.8	324.2	317.6	310.9	303.4	294.5	284.5
-52.5°	333.1	330.4	327.4	324.0	318.9	312.7	306.5	298.9	290.9	281.2	270.6
-55°	322.0	318.8	315.2	310.8	305.5	299.2	292.6	284.8	275.7	266.3	254.7
-57.5°	309.5	305.3	300.8	295.8	290.4	283.7	276.2	268.2	258.7	248.4	237.5
-60°	293.1	288.8	283.7	278.1	272.1	265.5	257.4	248.8	239.7	229.6	219.0
-62.5°	272.7	268.4	263.2	257.1	250.7	244.0	236.2	227.6	218.8	209.7	199.3
-65°	248.2	243.1	238.2	232.7	226.5	219.6	212.4	204.9	196.8	188.2	178.8
-67.5°	221.5	216.9	212.2	206.9	200.9	194.4	188.0	181.2	174.0	166.5	157.7
-70°	193.4	189.4	184.9	180.1	174.7	169.0	163.3	157.4	151.1	143.8	135.4
-72.5°	163.9	160.2	156.2	152.1	147.8	143.1	137.9	132.1	125.7	118.9	112.1
-75°	133.7	130.9	127.8	124.3	120.4	116.0	111.4	106.6	101.5	96.2	90.6
-77.5°	104.2	101.9	99.1	96.2	93.2	90.0	86.5	82.5	78.5	74.4	70.2
-80°	75.9	73.5	71.1	69.1	66.9	64.4	61.6	58.9	56.0	53.4	50.6
-82.5°	49.9	48.4	46.8	45.5	44.1	42.6	40.9	39.1	36.9	34.5	31.9
-85°	28.3	27.6	26.9	26.2	25.5	24.8	24.0	22.8	21.5	20.3	19.1
-87.5°	10.6	9.9	9.2	9.5	9.7	9.9	10.1	9.8	9.4	9.1	8.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559055 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
85°	18.2	17.3	16.2	15.0	13.7	12.3	11.3	10.4	9.4	8.4	7.4
82.5°	29.9	28.4	27.1	25.5	23.8	22.0	19.9	17.7	15.2	12.8	11.1
80°	47.4	44.2	41.0	37.8	34.7	31.7	29.1	26.3	22.7	19.3	16.0
77.5°	65.7	61.0	56.1	51.7	47.4	43.2	39.1	34.9	30.2	25.8	21.6
75°	84.8	79.1	73.2	67.2	60.9	54.7	49.5	44.2	38.5	32.4	27.1
72.5°	105.6	98.6	91.0	83.1	75.9	68.4	60.8	53.5	47.0	40.1	32.9
70°	126.9	118.6	110.2	100.9	91.4	82.1	73.5	64.6	55.5	47.9	39.8
67.5°	148.2	138.3	128.6	118.5	107.7	96.8	86.1	76.0	65.8	55.5	46.6
65°	168.6	157.7	146.2	134.9	123.3	111.4	99.3	87.4	76.0	64.6	53.4
62.5°	188.5	177.2	164.6	151.4	138.5	125.5	112.3	99.3	86.1	73.5	60.8
60°	207.7	195.5	182.3	168.0	153.5	139.3	125.1	110.9	96.6	82.1	68.4
57.5°	225.6	213.2	198.9	183.9	168.4	152.8	137.6	122.3	106.8	91.1	75.9
55°	242.7	229.4	214.7	199.1	182.7	166.0	149.8	133.4	116.8	100.0	83.1
52.5°	258.5	244.6	229.4	213.5	196.4	178.9	161.9	144.3	126.6	108.7	90.7
50°	272.8	258.8	243.3	226.8	209.6	191.5	173.8	155.1	136.0	117.1	98.1
47.5°	285.4	271.6	256.2	239.5	221.6	203.7	185.0	165.7	145.2	125.2	105.3
45°	296.1	283.4	268.2	251.1	233.6	215.0	195.6	176.0	154.5	133.1	112.3
42.5°	306.1	293.7	279.1	262.3	244.8	226.0	205.7	185.3	163.5	140.8	119.0
40°	314.8	303.1	289.3	272.9	255.6	236.6	215.4	193.9	172.2	148.2	125.4
37.5°	322.9	311.4	297.9	283.5	265.9	246.2	224.8	202.1	180.1	155.5	131.5
35°	330.4	318.7	306.9	292.7	275.4	255.6	233.8	209.9	186.9	162.3	137.2
32.5°	337.9	325.7	313.8	300.5	284.7	264.5	242.1	217.5	193.4	168.7	142.7
30°	346.2	331.9	320.0	307.8	292.9	272.6	249.6	224.4	199.4	174.7	147.8
27.5°	352.9	336.9	325.5	313.5	299.1	280.3	256.1	230.6	205.0	179.9	152.6
25°	358.5	341.9	329.6	318.3	304.8	286.4	262.1	236.2	210.2	184.5	157.1
22.5°	362.9	346.1	332.8	322.6	310.1	291.9	267.3	241.0	214.8	188.7	161.1
20°	365.4	349.1	335.3	326.3	314.6	295.9	271.7	245.3	218.8	192.4	164.7
17.5°	366.2	351.4	338.3	328.7	317.9	300.0	275.6	249.1	222.2	195.8	167.8
15°	369.6	353.4	340.6	330.7	320.7	303.9	279.0	252.4	225.1	198.7	170.6
12.5°	373.3	355.0	342.1	332.3	323.1	307.7	281.8	255.1	227.5	201.1	172.8
10°	376.4	356.1	342.9	333.6	324.9	311.3	283.9	257.3	229.9	203.2	174.7
7.5°	378.9	356.7	343.0	334.6	326.4	314.1	285.9	258.9	231.9	204.8	176.2
5°	380.8	356.9	342.9	335.2	327.7	315.9	287.4	259.9	233.6	205.9	177.3
2.5°	382.3	356.8	342.6	335.6	328.8	316.9	288.4	260.2	234.7	206.6	177.9
0°	382.8	356.2	341.9	335.7	329.6	317.3	288.7	260.0	235.4	206.8	178.1
-2.5°	382.3	356.8	342.6	335.6	328.8	316.9	288.4	260.2	234.7	206.6	177.9
-5°	380.8	356.9	342.9	335.2	327.7	315.9	287.4	259.9	233.6	205.9	177.3
-7.5°	378.9	356.7	343.0	334.6	326.4	314.1	285.9	258.9	231.9	204.8	176.2
-10°	376.4	356.1	342.9	333.6	324.9	311.3	283.9	257.3	229.9	203.2	174.7
-12.5°	373.3	355.0	342.1	332.3	323.1	307.7	281.8	255.1	227.5	201.1	172.8
-15°	369.6	353.4	340.6	330.7	320.7	303.9	279.0	252.4	225.1	198.7	170.6
-17.5°	366.2	351.4	338.3	328.7	317.9	300.0	275.6	249.1	222.2	195.8	167.8
-20°	365.4	349.1	335.3	326.3	314.6	295.9	271.7	245.3	218.8	192.4	164.7



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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°	362.9	346.1	332.8	322.6	310.1	291.9	267.3	241.0	214.8	188.7	161.1
-25°	358.5	341.9	329.6	318.3	304.8	286.4	262.1	236.2	210.2	184.5	157.1
-27.5°	352.9	336.9	325.5	313.5	299.1	280.3	256.1	230.6	205.0	179.9	152.6
-30°	346.2	331.9	320.0	307.8	292.9	272.6	249.6	224.4	199.4	174.7	147.8
-32.5°	337.9	325.7	313.8	300.5	284.7	264.5	242.1	217.5	193.4	168.7	142.7
-35°	330.4	318.7	306.9	292.7	275.4	255.6	233.8	209.9	186.9	162.3	137.2
-37.5°	322.9	311.4	297.9	283.5	265.9	246.2	224.8	202.1	180.1	155.5	131.5
-40°	314.8	303.1	289.3	272.9	255.6	236.6	215.4	193.9	172.2	148.2	125.4
-42.5°	306.1	293.7	279.1	262.3	244.8	226.0	205.7	185.3	163.5	140.8	119.0
-45°	296.1	283.4	268.2	251.1	233.6	215.0	195.6	176.0	154.5	133.1	112.3
-47.5°	285.4	271.6	256.2	239.5	221.6	203.7	185.0	165.7	145.2	125.2	105.3
-50°	272.8	258.8	243.3	226.8	209.6	191.5	173.8	155.1	136.0	117.1	98.1
-52.5°	258.5	244.6	229.4	213.5	196.4	178.9	161.9	144.3	126.6	108.7	90.7
-55°	242.7	229.4	214.7	199.1	182.7	166.0	149.8	133.4	116.8	100.0	83.1
-57.5°	225.6	213.2	198.9	183.9	168.4	152.8	137.6	122.3	106.8	91.1	75.9
-60°	207.7	195.5	182.3	168.0	153.5	139.3	125.1	110.9	96.6	82.1	68.4
-62.5°	188.5	177.2	164.6	151.4	138.5	125.5	112.3	99.3	86.1	73.5	60.8
-65°	168.6	157.7	146.2	134.9	123.3	111.4	99.3	87.4	76.0	64.6	53.4
-67.5°	148.2	138.3	128.6	118.5	107.7	96.8	86.1	76.0	65.8	55.5	46.6
-70°	126.9	118.6	110.2	100.9	91.4	82.1	73.5	64.6	55.5	47.9	39.8
-72.5°	105.6	98.6	91.0	83.1	75.9	68.4	60.8	53.5	47.0	40.1	32.9
-75°	84.8	79.1	73.2	67.2	60.9	54.7	49.5	44.2	38.5	32.4	27.1
-77.5°	65.7	61.0	56.1	51.7	47.4	43.2	39.1	34.9	30.2	25.8	21.6
-80°	47.4	44.2	41.0	37.8	34.7	31.7	29.1	26.3	22.7	19.3	16.0
-82.5°	29.9	28.4	27.1	25.5	23.8	22.0	19.9	17.7	15.2	12.8	11.1
-85°	18.2	17.3	16.2	15.0	13.7	12.3	11.3	10.4	9.4	8.4	7.4
-87.5°	8.3	7.9	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
80°	12.9	10.6	8.5	6.4	4.3	2.1	0.0
77.5°	17.6	13.7	10.6	8.0	5.3	2.7	0.0
75°	22.2	17.7	12.9	9.5	6.4	3.2	0.0
72.5°	26.9	21.7	16.2	11.1	7.4	3.7	0.0
70°	31.6	25.6	19.4	12.8	8.4	4.2	0.0
67.5°	37.6	29.5	22.6	15.2	9.4	4.7	0.0
65°	43.4	33.8	25.7	17.6	10.4	5.2	0.0
62.5°	49.1	38.5	28.8	20.0	11.3	5.7	0.0
60°	54.7	43.1	31.9	22.3	12.3	6.1	0.0
57.5°	60.9	47.5	35.4	24.6	13.8	6.6	0.0
55°	67.2	51.8	38.8	26.8	15.3	7.1	0.0
52.5°	73.2	56.1	42.1	29.0	16.7	7.5	0.0
50°	79.1	61.0	45.2	31.1	18.1	7.9	0.0
47.5°	84.8	65.7	48.3	33.2	19.5	8.3	0.0
45°	90.8	70.2	51.2	35.4	20.8	8.7	0.0
42.5°	96.6	74.5	54.0	37.5	22.0	9.1	0.0
40°	102.2	78.7	57.0	39.4	23.2	9.4	0.0
37.5°	107.5	82.6	60.1	41.3	24.3	9.8	0.0
35°	112.6	86.6	63.1	43.0	25.4	10.1	0.0
32.5°	117.4	90.6	65.8	44.7	26.4	10.4	0.0
30°	121.7	94.4	68.4	46.2	27.3	10.7	0.0
27.5°	125.8	97.8	70.9	47.6	28.2	10.9	0.0
25°	129.5	101.1	73.3	48.9	29.0	11.1	0.0
22.5°	132.9	104.1	75.4	50.1	29.7	11.4	0.0
20°	136.0	106.7	77.4	51.2	30.3	11.6	0.0
17.5°	138.7	109.1	79.2	52.2	30.9	11.7	0.0
15°	141.0	111.2	80.8	53.0	31.4	11.9	0.0
12.5°	142.9	112.9	82.2	53.7	31.8	12.0	0.0
10°	144.5	114.3	83.4	54.3	32.2	12.1	0.0
7.5°	145.8	115.3	84.4	54.7	32.4	12.2	0.0
5°	146.7	116.1	85.2	55.0	32.6	12.3	0.0
2.5°	147.2	116.6	85.7	55.2	32.8	12.3	0.0
0°	147.4	116.7	86.0	55.3	32.8	12.3	0.0
-2.5°	147.2	116.6	85.7	55.2	32.8	12.3	0.0
-5°	146.7	116.1	85.2	55.0	32.6	12.3	0.0
-7.5°	145.8	115.3	84.4	54.7	32.4	12.2	0.0
-10°	144.5	114.3	83.4	54.3	32.2	12.1	0.0
-12.5°	142.9	112.9	82.2	53.7	31.8	12.0	0.0
-15°	141.0	111.2	80.8	53.0	31.4	11.9	0.0
-17.5°	138.7	109.1	79.2	52.2	30.9	11.7	0.0
-20°	136.0	106.7	77.4	51.2	30.3	11.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	132.9	104.1	75.4	50.1	29.7	11.4	0.0
-25°	129.5	101.1	73.3	48.9	29.0	11.1	0.0
-27.5°	125.8	97.8	70.9	47.6	28.2	10.9	0.0
-30°	121.7	94.4	68.4	46.2	27.3	10.7	0.0
-32.5°	117.4	90.6	65.8	44.7	26.4	10.4	0.0
-35°	112.6	86.6	63.1	43.0	25.4	10.1	0.0
-37.5°	107.5	82.6	60.1	41.3	24.3	9.8	0.0
-40°	102.2	78.7	57.0	39.4	23.2	9.4	0.0
-42.5°	96.6	74.5	54.0	37.5	22.0	9.1	0.0
-45°	90.8	70.2	51.2	35.4	20.8	8.7	0.0
-47.5°	84.8	65.7	48.3	33.2	19.5	8.3	0.0
-50°	79.1	61.0	45.2	31.1	18.1	7.9	0.0
-52.5°	73.2	56.1	42.1	29.0	16.7	7.5	0.0
-55°	67.2	51.8	38.8	26.8	15.3	7.1	0.0
-57.5°	60.9	47.5	35.4	24.6	13.8	6.6	0.0
-60°	54.7	43.1	31.9	22.3	12.3	6.1	0.0
-62.5°	49.1	38.5	28.8	20.0	11.3	5.7	0.0
-65°	43.4	33.8	25.7	17.6	10.4	5.2	0.0
-67.5°	37.6	29.5	22.6	15.2	9.4	4.7	0.0
-70°	31.6	25.6	19.4	12.8	8.4	4.2	0.0
-72.5°	26.9	21.7	16.2	11.1	7.4	3.7	0.0
-75°	22.2	17.7	12.9	9.5	6.4	3.2	0.0
-77.5°	17.6	13.7	10.6	8.0	5.3	2.7	0.0
-80°	12.9	10.6	8.5	6.4	4.3	2.1	0.0
-82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
-85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
-87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)