

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: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559063 (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-940-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

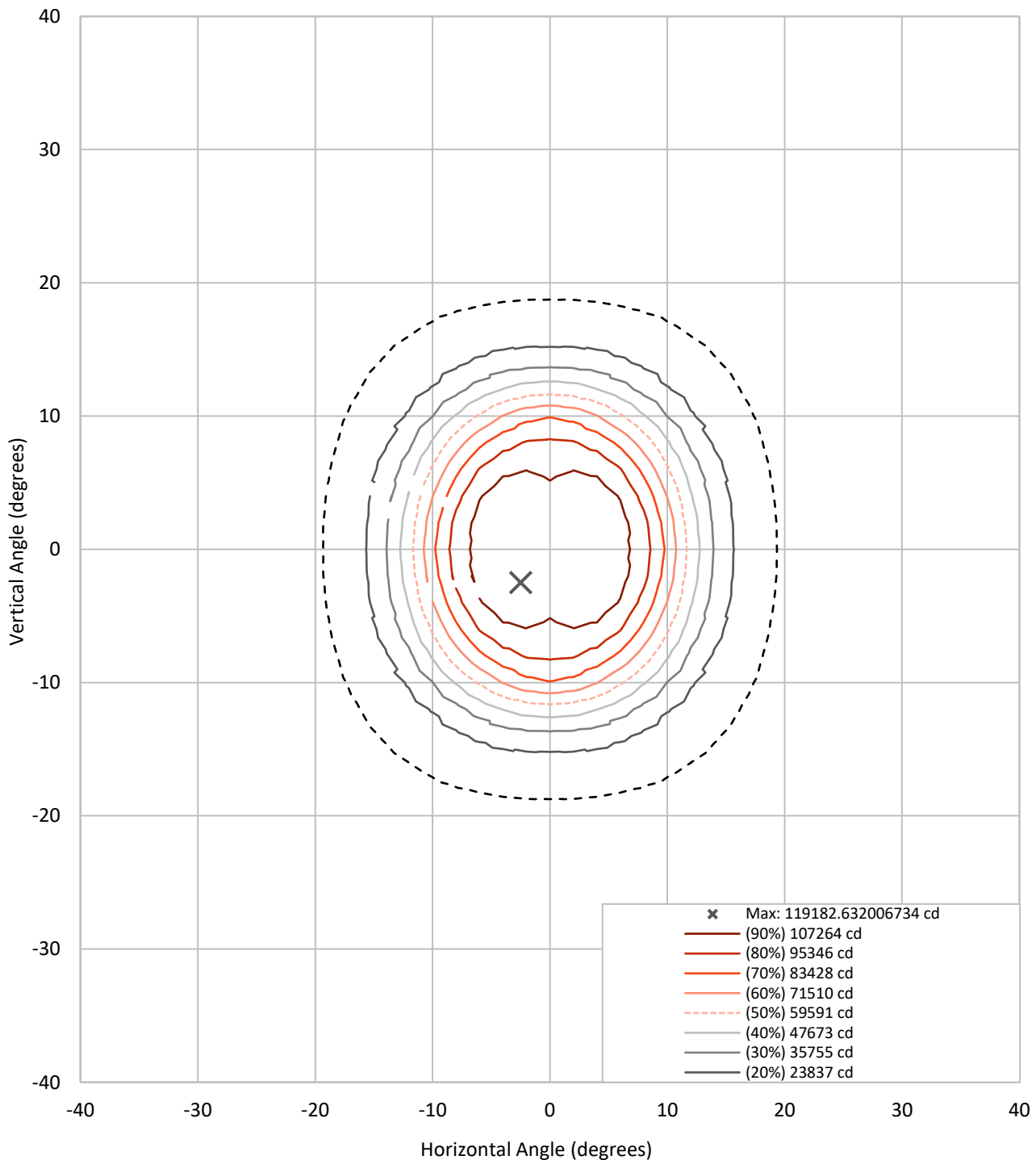
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22537.2 lumens	Max Intensity:	119182.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	112.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	12167.1 lumens	Field Lumens:	18348.7 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





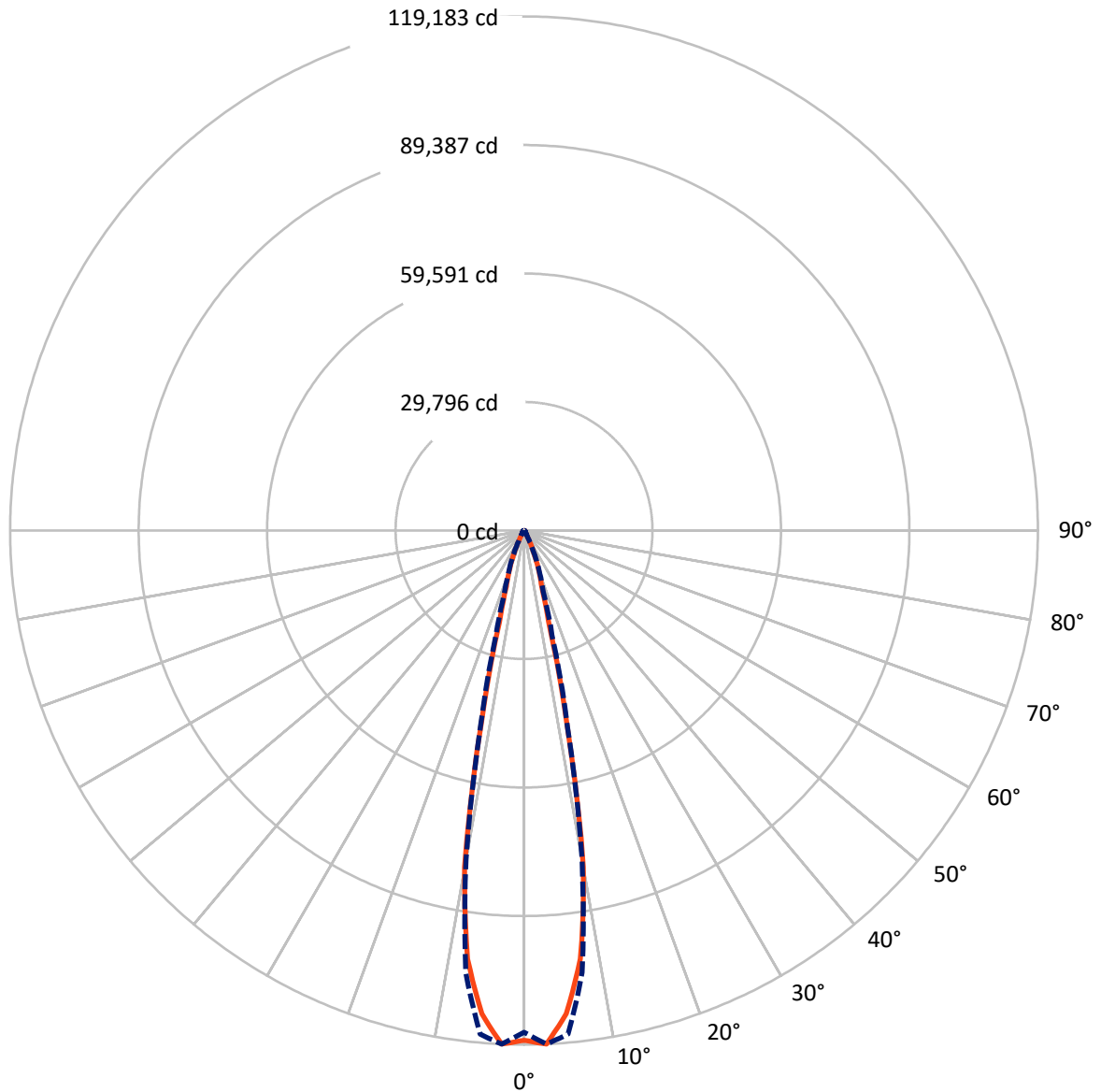
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Lumen Table

90																
80	0.3	2.3		6.1		9.7		11.3		9.7		6.1		2.3		0.3
70																
60	1.1	1.2	2.4	3.9	5.4	6.7	7.7	8.2	8.2	7.7	6.7	5.4	3.9	2.4	1.2	1.1
50		1.8	3.6	5.6	7.5	8.9	9.9	10.3	10.3	9.9	8.9	7.5	5.6	3.6	1.8	
40	1.9	2.3	4.5	6.8	8.7	10.6	12.2	12.9	12.9	12.2	10.6	8.7	6.8	4.5	2.3	1.9
30		2.8	5.2	7.6	10.3	14.0	18.4	22.1	22.1	18.4	14.0	10.3	7.6	5.2	2.8	
20	2.5	3.2	5.7	8.4	12.7	23.0	69.2	134.9	134.9	69.2	23.0	12.7	8.4	5.7	3.2	2.5
10		3.4	5.9	8.9	15.9	68.4	315.5	811.4	811.4	315.5	68.4	15.9	8.9	5.9	3.4	
0	2.7	3.5	6.0	9.4	19.0	133.2	821.6	2902.8	2902.8	821.6	133.2	19.0	9.4	6.0	3.5	2.7
-10		3.5	6.0	9.4	19.0	133.2	821.6	2902.8	2902.8	821.6	133.2	19.0	9.4	6.0	3.5	
-20	2.5	3.4	5.9	8.9	15.9	68.4	315.5	811.4	811.4	315.5	68.4	15.9	8.9	5.9	3.4	2.5
-30		3.2	5.7	8.4	12.7	23.0	69.2	134.9	134.9	69.2	23.0	12.7	8.4	5.7	3.2	
-40	1.9	2.8	5.2	7.6	10.3	14.0	18.4	22.1	22.1	18.4	14.0	10.3	7.6	5.2	2.8	1.9
-50		2.3	4.5	6.8	8.7	10.6	12.2	12.9	12.9	12.2	10.6	8.7	6.8	4.5	2.3	
-60	1.1	1.8	3.6	5.6	7.5	8.9	9.9	10.3	10.3	9.9	8.9	7.5	5.6	3.6	1.8	1.1
-70		1.2	2.4	3.9	5.4	6.7	7.7	8.2	8.2	7.7	6.7	5.4	3.9	2.4	1.2	
-80																
-90	0.3	2.3		6.1		9.7		11.3		9.7		6.1		2.3		0.3

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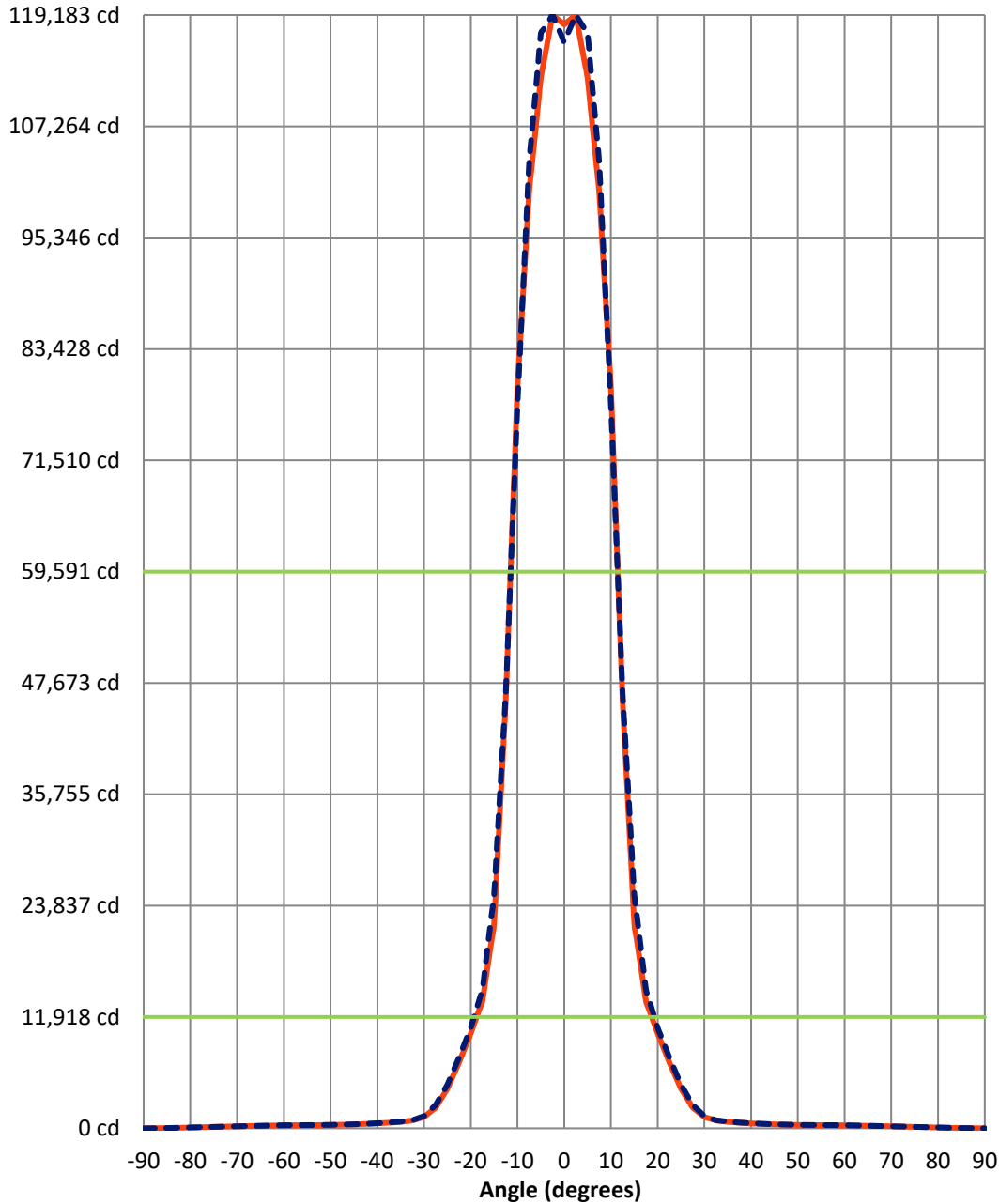
Luminous Intensity Polar Plot



— 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: 12167.1
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 18348.7
Efficiency: 81.4%

Spill:
Lumens: 4188.5
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	2.2	2.7	3.3	3.8	4.3	4.8	5.3
85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.6	18.2
80°	0.0	2.2	4.4	6.5	8.7	10.9	13.2	16.4	19.8	23.3	27.0
77.5°	0.0	2.7	5.4	8.2	10.9	14.0	18.0	22.2	26.5	31.0	35.9
75°	0.0	3.3	6.5	9.8	13.2	18.2	22.8	27.8	33.3	39.6	45.5
72.5°	0.0	3.8	7.6	11.3	16.6	22.3	27.6	33.8	41.3	48.4	55.0
70°	0.0	4.3	8.6	13.1	19.9	26.3	32.6	40.9	49.2	57.1	66.5
67.5°	0.0	4.8	9.6	15.6	23.2	30.4	38.7	48.0	57.1	67.8	78.2
65°	0.0	5.3	10.6	18.1	26.4	34.8	44.7	54.9	66.5	78.2	90.0
62.5°	0.0	5.8	11.6	20.5	29.6	39.6	50.5	62.6	75.6	88.6	102.2
60°	0.0	6.3	12.6	22.9	32.8	44.3	56.3	70.4	84.6	99.4	114.2
57.5°	0.0	6.8	14.2	25.3	36.4	48.9	62.7	78.1	93.8	110.0	125.9
55°	0.0	7.2	15.7	27.6	39.9	53.3	69.1	85.6	103.0	120.3	137.4
52.5°	0.0	7.7	17.2	29.8	43.3	57.7	75.4	93.4	111.9	130.3	148.5
50°	0.0	8.1	18.6	32.0	46.5	62.8	81.4	101.0	120.5	140.1	159.7
47.5°	0.0	8.5	20.0	34.1	49.7	67.6	87.3	108.4	128.9	149.5	170.6
45°	0.0	8.9	21.3	36.4	52.7	72.3	93.5	115.7	137.1	159.1	181.2
42.5°	0.0	9.3	22.6	38.5	55.5	76.8	99.5	122.6	144.9	168.3	190.7
40°	0.0	9.7	23.8	40.6	58.6	81.0	105.2	129.1	152.6	177.3	199.6
37.5°	0.0	10.0	25.0	42.5	61.8	85.1	110.7	135.4	160.1	185.5	208.0
35°	0.0	10.3	26.1	44.3	64.9	89.2	116.0	141.3	167.2	192.5	216.1
32.5°	0.0	10.6	27.1	46.0	67.8	93.3	120.9	146.9	173.7	199.1	223.9
30°	0.0	10.9	28.0	47.5	70.5	97.2	125.3	152.2	179.9	205.3	231.0
27.5°	0.0	11.2	28.9	49.0	73.0	100.8	129.5	157.2	185.3	211.0	237.4
25°	0.0	11.4	29.7	50.3	75.4	104.1	133.4	161.7	190.0	216.4	243.1
22.5°	0.0	11.6	30.5	51.6	77.7	107.2	136.9	165.9	194.3	221.1	248.1
20°	0.0	11.8	31.1	52.7	79.7	109.9	140.1	169.6	198.1	225.2	252.6
17.5°	0.0	12.0	31.7	53.7	81.6	112.4	142.8	172.8	201.5	228.8	256.5
15°	0.0	12.2	32.3	54.5	83.2	114.5	145.2	175.6	204.5	231.8	259.9
12.5°	0.0	12.3	32.7	55.2	84.6	116.2	147.2	178.0	207.1	234.2	262.7
10°	0.0	12.4	33.1	55.8	85.9	117.7	148.9	179.9	209.2	236.7	264.9
7.5°	0.0	12.5	33.3	56.3	86.9	118.8	150.1	181.4	210.8	238.8	266.6
5°	0.0	12.6	33.5	56.6	87.6	119.6	151.1	182.5	212.0	240.5	267.6
2.5°	0.0	12.6	33.7	56.8	88.2	120.0	151.6	183.2	212.7	241.7	267.9
0°	0.0	12.6	33.7	56.9	88.5	120.2	151.8	183.4	212.9	242.4	267.7
-2.5°	0.0	12.6	33.7	56.9	88.5	120.2	151.8	183.4	212.9	242.4	267.7
-5°	0.0	12.6	33.5	56.6	87.6	119.6	151.1	182.5	212.0	240.5	267.6
-7.5°	0.0	12.5	33.3	56.3	86.9	118.8	150.1	181.4	210.8	238.8	266.6
-10°	0.0	12.4	33.1	55.8	85.9	117.7	148.9	179.9	209.2	236.7	264.9
-12.5°	0.0	12.3	32.7	55.2	84.6	116.2	147.2	178.0	207.1	234.2	262.7
-15°	0.0	12.2	32.3	54.5	83.2	114.5	145.2	175.6	204.5	231.8	259.9
-17.5°	0.0	12.0	31.7	53.7	81.6	112.4	142.8	172.8	201.5	228.8	256.5
-20°	0.0	11.8	31.1	52.7	79.7	109.9	140.1	169.6	198.1	225.2	252.6



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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	11.6	30.5	51.6	77.7	107.2	136.9	165.9	194.3	221.1	248.1
-25°	0.0	11.4	29.7	50.3	75.4	104.1	133.4	161.7	190.0	216.4	243.1
-27.5°	0.0	11.2	28.9	49.0	73.0	100.8	129.5	157.2	185.3	211.0	237.4
-30°	0.0	10.9	28.0	47.5	70.5	97.2	125.3	152.2	179.9	205.3	231.0
-32.5°	0.0	10.6	27.1	46.0	67.8	93.3	120.9	146.9	173.7	199.1	223.9
-35°	0.0	10.3	26.1	44.3	64.9	89.2	116.0	141.3	167.2	192.5	216.1
-37.5°	0.0	10.0	25.0	42.5	61.8	85.1	110.7	135.4	160.1	185.5	208.0
-40°	0.0	9.7	23.8	40.6	58.6	81.0	105.2	129.1	152.6	177.3	199.6
-42.5°	0.0	9.3	22.6	38.5	55.5	76.8	99.5	122.6	144.9	168.3	190.7
-45°	0.0	8.9	21.3	36.4	52.7	72.3	93.5	115.7	137.1	159.1	181.2
-47.5°	0.0	8.5	20.0	34.1	49.7	67.6	87.3	108.4	128.9	149.5	170.6
-50°	0.0	8.1	18.6	32.0	46.5	62.8	81.4	101.0	120.5	140.1	159.7
-52.5°	0.0	7.7	17.2	29.8	43.3	57.7	75.4	93.4	111.9	130.3	148.5
-55°	0.0	7.2	15.7	27.6	39.9	53.3	69.1	85.6	103.0	120.3	137.4
-57.5°	0.0	6.8	14.2	25.3	36.4	48.9	62.7	78.1	93.8	110.0	125.9
-60°	0.0	6.3	12.6	22.9	32.8	44.3	56.3	70.4	84.6	99.4	114.2
-62.5°	0.0	5.8	11.6	20.5	29.6	39.6	50.5	62.6	75.6	88.6	102.2
-65°	0.0	5.3	10.6	18.1	26.4	34.8	44.7	54.9	66.5	78.2	90.0
-67.5°	0.0	4.8	9.6	15.6	23.2	30.4	38.7	48.0	57.1	67.8	78.2
-70°	0.0	4.3	8.6	13.1	19.9	26.3	32.6	40.9	49.2	57.1	66.5
-72.5°	0.0	3.8	7.6	11.3	16.6	22.3	27.6	33.8	41.3	48.4	55.0
-75°	0.0	3.3	6.5	9.8	13.2	18.2	22.8	27.8	33.3	39.6	45.5
-77.5°	0.0	2.7	5.4	8.2	10.9	14.0	18.0	22.2	26.5	31.0	35.9
-80°	0.0	2.2	4.4	6.5	8.7	10.9	13.2	16.4	19.8	23.3	27.0
-82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.6	18.2
-85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-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°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
85°	11.6	12.6	14.0	15.4	16.6	17.7	18.7	19.6	20.8	22.1	23.4
82.5°	20.5	22.6	24.5	26.3	27.8	29.3	30.7	32.8	35.5	38.0	40.2
80°	29.9	32.6	35.7	38.9	42.2	45.4	48.7	52.0	54.9	57.7	60.6
77.5°	40.2	44.5	48.8	53.2	57.7	62.8	67.6	72.3	76.6	80.9	85.0
75°	50.9	56.3	62.7	69.1	75.4	81.4	87.3	93.3	99.0	104.5	109.8
72.5°	62.6	70.4	78.1	85.6	93.8	101.5	108.7	115.4	122.4	129.5	136.0
70°	75.6	84.6	94.2	104.0	113.5	122.1	130.7	139.4	148.1	155.6	162.1
67.5°	88.7	99.7	110.9	122.0	132.5	142.4	152.7	162.4	171.4	179.2	186.6
65°	102.3	114.7	127.0	139.0	150.6	162.4	173.6	184.1	193.8	202.6	210.9
62.5°	115.6	129.2	142.6	155.9	169.4	182.4	194.1	205.2	215.9	225.3	234.3
60°	128.8	143.4	158.1	172.9	187.7	201.3	213.8	225.4	236.4	246.8	256.1
57.5°	141.6	157.3	173.4	189.3	204.7	219.5	232.3	244.6	255.8	266.4	276.1
55°	154.3	170.9	188.1	204.9	221.1	236.2	249.9	262.2	274.2	283.9	293.2
52.5°	166.7	184.2	202.2	219.8	236.2	251.9	266.2	278.6	289.5	299.5	307.7
50°	179.0	197.2	215.7	233.5	250.6	266.5	280.9	292.9	303.2	312.4	320.1
47.5°	190.5	209.7	228.1	246.6	263.9	279.7	293.8	305.1	315.2	323.5	330.7
45°	201.4	221.4	240.5	258.6	276.1	291.8	304.8	316.2	325.5	333.8	341.0
42.5°	211.7	232.7	252.1	270.1	287.4	302.4	315.2	325.8	335.3	343.4	351.4
40°	221.7	243.6	263.2	281.0	297.8	312.1	324.1	334.9	344.2	353.4	362.2
37.5°	231.4	253.5	273.8	291.9	306.7	320.7	332.5	343.1	353.7	363.8	375.5
35°	240.7	263.1	283.6	301.4	316.0	328.2	340.2	351.9	364.0	376.8	390.5
32.5°	249.3	272.4	293.1	309.4	323.1	335.4	347.9	361.9	376.3	390.9	407.7
30°	257.0	280.7	301.5	316.9	329.6	341.7	356.5	372.6	389.5	406.2	425.8
27.5°	263.7	288.5	308.0	322.8	335.2	346.9	363.4	384.3	402.5	420.4	442.0
25°	269.8	294.8	313.8	327.8	339.5	352.1	369.1	390.6	413.6	433.1	463.2
22.5°	275.2	300.4	319.3	332.2	342.7	356.4	373.7	394.8	418.5	443.1	484.8
20°	279.8	304.6	323.9	336.0	345.3	359.5	376.2	397.8	424.1	459.6	505.7
17.5°	283.8	308.8	327.3	338.5	348.4	361.8	377.0	399.5	430.1	474.4	525.0
15°	287.2	312.9	330.2	340.5	350.7	363.9	380.6	404.0	439.3	488.1	542.7
12.5°	290.1	316.8	332.6	342.2	352.3	365.6	384.3	411.0	450.1	501.8	562.2
10°	292.3	320.5	334.6	343.6	353.1	366.7	387.6	416.6	459.2	514.6	579.5
7.5°	294.4	323.4	336.1	344.5	353.2	367.3	390.2	420.6	465.8	525.1	594.0
5°	295.9	325.2	337.4	345.2	353.1	367.5	392.2	423.1	470.0	533.0	604.8
2.5°	296.9	326.3	338.6	345.6	352.7	367.4	393.7	427.2	475.1	538.9	611.3
0°	297.2	326.7	339.4	345.7	352.0	366.8	394.2	430.0	478.5	541.8	613.4
-2.5°	296.9	326.3	338.6	345.6	352.7	367.4	393.7	427.2	475.1	538.9	611.3
-5°	295.9	325.2	337.4	345.2	353.1	367.5	392.2	423.1	470.0	533.0	604.8
-7.5°	294.4	323.4	336.1	344.5	353.2	367.3	390.2	420.6	465.8	525.1	594.0
-10°	292.3	320.5	334.6	343.6	353.1	366.7	387.6	416.6	459.2	514.6	579.5
-12.5°	290.1	316.8	332.6	342.2	352.3	365.6	384.3	411.0	450.1	501.8	562.2
-15°	287.2	312.9	330.2	340.5	350.7	363.9	380.6	404.0	439.3	488.1	542.7
-17.5°	283.8	308.8	327.3	338.5	348.4	361.8	377.0	399.5	430.1	474.4	525.0
-20°	279.8	304.6	323.9	336.0	345.3	359.5	376.2	397.8	424.1	459.6	505.7



REPORT NUMBER: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	275.2	300.4	319.3	332.2	342.7	356.4	373.7	394.8	418.5	443.1	484.8
-25°	269.8	294.8	313.8	327.8	339.5	352.1	369.1	390.6	413.6	433.1	463.2
-27.5°	263.7	288.5	308.0	322.8	335.2	346.9	363.4	384.3	402.5	420.4	442.0
-30°	257.0	280.7	301.5	316.9	329.6	341.7	356.5	372.6	389.5	406.2	425.8
-32.5°	249.3	272.4	293.1	309.4	323.1	335.4	347.9	361.9	376.3	390.9	407.7
-35°	240.7	263.1	283.6	301.4	316.0	328.2	340.2	351.9	364.0	376.8	390.5
-37.5°	231.4	253.5	273.8	291.9	306.7	320.7	332.5	343.1	353.7	363.8	375.5
-40°	221.7	243.6	263.2	281.0	297.8	312.1	324.1	334.9	344.2	353.4	362.2
-42.5°	211.7	232.7	252.1	270.1	287.4	302.4	315.2	325.8	335.3	343.4	351.4
-45°	201.4	221.4	240.5	258.6	276.1	291.8	304.8	316.2	325.5	333.8	341.0
-47.5°	190.5	209.7	228.1	246.6	263.9	279.7	293.8	305.1	315.2	323.5	330.7
-50°	179.0	197.2	215.7	233.5	250.6	266.5	280.9	292.9	303.2	312.4	320.1
-52.5°	166.7	184.2	202.2	219.8	236.2	251.9	266.2	278.6	289.5	299.5	307.7
-55°	154.3	170.9	188.1	204.9	221.1	236.2	249.9	262.2	274.2	283.9	293.2
-57.5°	141.6	157.3	173.4	189.3	204.7	219.5	232.3	244.6	255.8	266.4	276.1
-60°	128.8	143.4	158.1	172.9	187.7	201.3	213.8	225.4	236.4	246.8	256.1
-62.5°	115.6	129.2	142.6	155.9	169.4	182.4	194.1	205.2	215.9	225.3	234.3
-65°	102.3	114.7	127.0	139.0	150.6	162.4	173.6	184.1	193.8	202.6	210.9
-67.5°	88.7	99.7	110.9	122.0	132.5	142.4	152.7	162.4	171.4	179.2	186.6
-70°	75.6	84.6	94.2	104.0	113.5	122.1	130.7	139.4	148.1	155.6	162.1
-72.5°	62.6	70.4	78.1	85.6	93.8	101.5	108.7	115.4	122.4	129.5	136.0
-75°	50.9	56.3	62.7	69.1	75.4	81.4	87.3	93.3	99.0	104.5	109.8
-77.5°	40.2	44.5	48.8	53.2	57.7	62.8	67.6	72.3	76.6	80.9	85.0
-80°	29.9	32.6	35.7	38.9	42.2	45.4	48.7	52.0	54.9	57.7	60.6
-82.5°	20.5	22.6	24.5	26.3	27.8	29.3	30.7	32.8	35.5	38.0	40.2
-85°	11.6	12.6	14.0	15.4	16.6	17.7	18.7	19.6	20.8	22.1	23.4
-87.5°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
-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: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	10.3	10.2	10.0	9.8	9.5	10.2	10.8	11.5	12.2	12.3	12.4
85°	24.7	25.5	26.2	26.9	27.6	28.5	29.2	29.8	30.3	31.2	32.0
82.5°	42.2	43.9	45.4	46.9	48.2	49.9	51.4	52.9	54.3	55.1	55.8
80°	63.4	66.3	68.9	71.2	73.2	75.7	78.1	80.3	82.3	83.6	84.6
77.5°	89.1	92.6	95.9	99.1	102.0	104.9	107.3	109.3	110.8	112.8	114.5
75°	114.7	119.5	124.0	128.0	131.6	134.7	137.6	140.3	142.7	144.8	146.6
72.5°	142.0	147.4	152.2	156.7	160.8	164.9	168.8	172.2	175.1	177.6	179.7
70°	168.2	174.1	179.9	185.4	190.5	195.0	199.2	202.8	206.0	208.8	211.0
67.5°	193.6	200.2	206.8	213.0	218.5	223.4	228.0	232.3	236.2	239.3	241.3
65°	218.7	226.2	233.3	239.6	245.2	250.3	255.5	260.1	263.9	266.8	268.7
62.5°	243.2	251.2	258.1	264.7	271.0	276.3	280.8	285.0	288.8	292.0	293.9
60°	265.0	273.4	280.1	286.3	292.1	297.3	301.7	306.1	310.2	313.9	316.6
57.5°	284.3	292.1	299.0	304.5	309.7	314.4	318.7	322.4	325.2	327.4	329.3
55°	301.2	308.1	314.6	320.0	324.5	328.3	331.6	334.1	336.1	337.5	338.6
52.5°	315.5	321.9	328.3	333.7	337.1	340.2	343.0	346.1	347.8	348.1	347.9
50°	327.1	333.9	339.6	344.3	349.1	354.4	359.9	362.7	363.8	363.0	362.1
47.5°	337.6	344.2	350.5	356.5	363.3	372.2	381.2	385.5	385.2	383.3	382.3
45°	348.0	355.2	362.6	371.7	381.3	392.9	403.4	410.0	410.0	410.3	411.8
42.5°	358.8	367.8	377.8	390.3	402.9	415.8	427.0	435.3	441.4	448.8	455.1
40°	372.2	382.2	397.2	412.5	429.0	442.7	460.1	475.0	487.3	498.4	507.0
37.5°	387.8	402.1	421.2	440.9	462.2	483.7	504.0	522.9	539.1	557.6	571.3
35°	406.5	427.0	450.2	474.9	501.4	528.6	554.7	585.0	611.5	635.2	654.6
32.5°	428.5	453.2	481.6	514.3	547.4	583.4	621.0	659.8	697.2	736.2	775.1
30°	450.5	483.1	519.4	559.1	598.0	645.0	693.9	757.4	824.0	899.9	1016.6
27.5°	477.3	516.3	558.4	604.2	657.7	717.7	812.0	929.4	1129.8	1279.5	1681.6
25°	503.6	548.0	602.2	661.5	733.3	843.2	1068.7	1329.5	1910.4	2454.3	3082.6
22.5°	530.1	585.6	650.5	722.7	847.8	1130.6	1560.1	2346.5	3243.9	4196.4	5166.5
20°	556.9	622.3	703.5	824.2	1085.9	1569.8	2533.8	3797.5	5072.7	6630.4	7977.4
17.5°	587.1	668.1	774.3	955.9	1387.0	2423.9	3849.8	5603.4	7576.5	9579.1	11260.5
15°	612.1	706.9	849.1	1204.2	2018.1	3393.7	5259.7	7636.7	10327.2	12858.8	15018.3
12.5°	639.6	749.9	937.0	1405.6	2600.3	4408.9	6868.0	9793.1	13020.8	16489.7	21982.1
10°	665.0	793.3	1084.4	1823.7	3271.4	5434.6	8308.3	11604.2	15518.6	22463.9	35447.3
7.5°	686.4	827.6	1195.2	2135.3	3878.9	6402.4	9482.4	13152.8	19037.9	30706.4	52554.3
5°	700.9	850.5	1272.3	2368.6	4362.7	7116.3	10233.0	14172.5	22628.4	40781.8	67088.8
2.5°	711.2	862.8	1313.4	2504.5	4668.9	7588.9	10764.8	14858.7	25039.0	46609.7	77431.7
0°	718.8	866.4	1321.7	2622.4	4772.6	7749.1	10791.0	15042.9	25865.5	48885.2	81117.0
-2.5°	711.2	862.8	1313.4	2504.5	4668.9	7588.9	10764.8	14858.7	25039.0	46609.7	77431.7
-5°	700.9	850.5	1272.3	2368.6	4362.7	7116.3	10233.0	14172.5	22628.4	40781.8	67088.8
-7.5°	686.4	827.6	1195.2	2135.3	3878.9	6402.4	9482.4	13152.8	19037.9	30706.4	52554.3
-10°	665.0	793.3	1084.4	1823.7	3271.4	5434.6	8308.3	11604.2	15518.6	22463.9	35447.3
-12.5°	639.6	749.9	937.0	1405.6	2600.3	4408.9	6868.0	9793.1	13020.8	16489.7	21982.1
-15°	612.1	706.9	849.1	1204.2	2018.1	3393.7	5259.7	7636.7	10327.2	12858.8	15018.3
-17.5°	587.1	668.1	774.3	955.9	1387.0	2423.9	3849.8	5603.4	7576.5	9579.1	11260.5
-20°	556.9	622.3	703.5	824.2	1085.9	1569.8	2533.8	3797.5	5072.7	6630.4	7977.4



REPORT NUMBER: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	530.1	585.6	650.5	722.7	847.8	1130.6	1560.1	2346.5	3243.9	4196.4	5166.5
-25°	503.6	548.0	602.2	661.5	733.3	843.2	1068.7	1329.5	1910.4	2454.3	3082.6
-27.5°	477.3	516.3	558.4	604.2	657.7	717.7	812.0	929.4	1129.8	1279.5	1681.6
-30°	450.5	483.1	519.4	559.1	598.0	645.0	693.9	757.4	824.0	899.9	1016.6
-32.5°	428.5	453.2	481.6	514.3	547.4	583.4	621.0	659.8	697.2	736.2	775.1
-35°	406.5	427.0	450.2	474.9	501.4	528.6	554.7	585.0	611.5	635.2	654.6
-37.5°	387.8	402.1	421.2	440.9	462.2	483.7	504.0	522.9	539.1	557.6	571.3
-40°	372.2	382.2	397.2	412.5	429.0	442.7	460.1	475.0	487.3	498.4	507.0
-42.5°	358.8	367.8	377.8	390.3	402.9	415.8	427.0	435.3	441.4	448.8	455.1
-45°	348.0	355.2	362.6	371.7	381.3	392.9	403.4	410.0	410.0	410.3	411.8
-47.5°	337.6	344.2	350.5	356.5	363.3	372.2	381.2	385.5	385.2	383.3	382.3
-50°	327.1	333.9	339.6	344.3	349.1	354.4	359.9	362.7	363.8	363.0	362.1
-52.5°	315.5	321.9	328.3	333.7	337.1	340.2	343.0	346.1	347.8	348.1	347.9
-55°	301.2	308.1	314.6	320.0	324.5	328.3	331.6	334.1	336.1	337.5	338.6
-57.5°	284.3	292.1	299.0	304.5	309.7	314.4	318.7	322.4	325.2	327.4	329.3
-60°	265.0	273.4	280.1	286.3	292.1	297.3	301.7	306.1	310.2	313.9	316.6
-62.5°	243.2	251.2	258.1	264.7	271.0	276.3	280.8	285.0	288.8	292.0	293.9
-65°	218.7	226.2	233.3	239.6	245.2	250.3	255.5	260.1	263.9	266.8	268.7
-67.5°	193.6	200.2	206.8	213.0	218.5	223.4	228.0	232.3	236.2	239.3	241.3
-70°	168.2	174.1	179.9	185.4	190.5	195.0	199.2	202.8	206.0	208.8	211.0
-72.5°	142.0	147.4	152.2	156.7	160.8	164.9	168.8	172.2	175.1	177.6	179.7
-75°	114.7	119.5	124.0	128.0	131.6	134.7	137.6	140.3	142.7	144.8	146.6
-77.5°	89.1	92.6	95.9	99.1	102.0	104.9	107.3	109.3	110.8	112.8	114.5
-80°	63.4	66.3	68.9	71.2	73.2	75.7	78.1	80.3	82.3	83.6	84.6
-82.5°	42.2	43.9	45.4	46.9	48.2	49.9	51.4	52.9	54.3	55.1	55.8
-85°	24.7	25.5	26.2	26.9	27.6	28.5	29.2	29.8	30.3	31.2	32.0
-87.5°	10.3	10.2	10.0	9.8	9.5	10.2	10.8	11.5	12.2	12.3	12.4
-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: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	11.5
85°	32.8	33.5	32.6	31.6	32.6	33.5	32.8	32.0	31.2	30.3	29.8
82.5°	56.3	56.6	56.8	56.9	56.8	56.6	56.3	55.8	55.1	54.3	52.9
80°	85.4	85.9	87.3	88.5	87.3	85.9	85.4	84.6	83.6	82.3	80.3
77.5°	116.1	117.4	117.9	118.0	117.9	117.4	116.1	114.5	112.8	110.8	109.3
75°	148.0	149.0	151.5	153.9	151.5	149.0	148.0	146.6	144.8	142.7	140.3
72.5°	181.3	182.5	184.2	185.5	184.2	182.5	181.3	179.7	177.6	175.1	172.2
70°	212.7	214.0	214.8	215.0	214.8	214.0	212.7	211.0	208.8	206.0	202.8
67.5°	242.7	243.5	243.3	242.4	243.3	243.5	242.7	241.3	239.3	236.2	232.3
65°	270.1	270.9	270.7	269.8	270.7	270.9	270.1	268.7	266.8	263.9	260.1
62.5°	295.3	296.2	296.9	297.2	296.9	296.2	295.3	293.9	292.0	288.8	285.0
60°	319.0	321.1	322.2	322.5	322.2	321.1	319.0	316.6	313.9	310.2	306.1
57.5°	331.0	332.3	333.0	333.1	333.0	332.3	331.0	329.3	327.4	325.2	322.4
55°	339.2	339.2	338.5	337.3	338.5	339.2	339.2	338.6	337.5	336.1	334.1
52.5°	347.3	346.1	345.6	345.7	345.6	346.1	347.3	347.9	348.1	347.8	346.1
50°	361.0	359.0	358.2	358.4	358.2	359.0	361.0	362.1	363.0	363.8	362.7
47.5°	383.6	384.4	385.3	385.8	385.3	384.4	383.6	382.3	383.3	385.2	385.5
45°	416.0	419.0	420.8	421.6	420.8	419.0	416.0	411.8	410.3	410.0	410.0
42.5°	461.4	465.0	466.4	465.9	466.4	465.0	461.4	455.1	448.8	441.4	435.3
40°	515.9	522.9	527.0	527.0	527.0	522.9	515.9	507.0	498.4	487.3	475.0
37.5°	583.7	593.3	598.0	596.6	598.0	593.3	583.7	571.3	557.6	539.1	522.9
35°	669.4	678.8	682.7	687.2	682.7	678.8	669.4	654.6	635.2	611.5	585.0
32.5°	805.8	825.0	832.6	822.1	832.6	825.0	805.8	775.1	736.2	697.2	659.8
30°	1095.5	1165.5	1212.3	1235.3	1212.3	1165.5	1095.5	1016.6	899.9	824.0	757.4
27.5°	1958.4	2141.5	2219.1	2261.9	2219.1	2141.5	1958.4	1681.6	1279.5	1129.8	929.4
25°	3620.6	4011.5	4236.5	4218.2	4236.5	4011.5	3620.6	3082.6	2454.3	1910.4	1329.5
22.5°	6067.9	6684.6	7054.5	7190.5	7054.5	6684.6	6067.9	5166.5	4196.4	3243.9	2346.5
20°	9101.8	9793.4	10155.0	10209.2	10155.0	9793.4	9101.8	7977.4	6630.4	5072.7	3797.5
17.5°	12583.8	13239.5	13620.5	13615.8	13620.5	13239.5	12583.8	11260.5	9579.1	7576.5	5603.4
15°	17959.4	20497.1	21928.1	21719.0	21928.1	20497.1	17959.4	15018.3	12858.8	10327.2	7636.7
12.5°	29427.7	39563.4	45850.6	47403.3	45850.6	39563.4	29427.7	21982.1	16489.7	13020.8	9793.1
10°	52002.7	67166.4	79276.4	82776.0	79276.4	67166.4	52002.7	35447.3	22463.9	15518.6	11604.2
7.5°	74802.5	92799.3	100205.8	101066.4	100205.8	92799.3	74802.5	52554.3	30706.4	19037.9	13152.8
5°	92011.8	110324.3	112443.9	107119.5	112443.9	110324.3	92011.8	67088.8	40781.8	22628.4	14172.5
2.5°	103371.5	117206.8	119182.6	116316.9	119182.6	117206.8	103371.5	77431.7	46609.7	25039.0	14858.7
0°	105962.2	115376.7	118183.5	118490.2	118183.5	115376.7	105962.2	81117.0	48885.2	25865.5	15042.9
-2.5°	103371.5	117206.8	119182.6	116316.9	119182.6	117206.8	103371.5	77431.7	46609.7	25039.0	14858.7
-5°	92011.8	110324.3	112443.9	107119.5	112443.9	110324.3	92011.8	67088.8	40781.8	22628.4	14172.5
-7.5°	74802.5	92799.3	100205.8	101066.4	100205.8	92799.3	74802.5	52554.3	30706.4	19037.9	13152.8
-10°	52002.7	67166.4	79276.4	82776.0	79276.4	67166.4	52002.7	35447.3	22463.9	15518.6	11604.2
-12.5°	29427.7	39563.4	45850.6	47403.3	45850.6	39563.4	29427.7	21982.1	16489.7	13020.8	9793.1
-15°	17959.4	20497.1	21928.1	21719.0	21928.1	20497.1	17959.4	15018.3	12858.8	10327.2	7636.7
-17.5°	12583.8	13239.5	13620.5	13615.8	13620.5	13239.5	12583.8	11260.5	9579.1	7576.5	5603.4
-20°	9101.8	9793.4	10155.0	10209.2	10155.0	9793.4	9101.8	7977.4	6630.4	5072.7	3797.5



REPORT NUMBER: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	6067.9	6684.6	7054.5	7190.5	7054.5	6684.6	6067.9	5166.5	4196.4	3243.9	2346.5
-25°	3620.6	4011.5	4236.5	4218.2	4236.5	4011.5	3620.6	3082.6	2454.3	1910.4	1329.5
-27.5°	1958.4	2141.5	2219.1	2261.9	2219.1	2141.5	1958.4	1681.6	1279.5	1129.8	929.4
-30°	1095.5	1165.5	1212.3	1235.3	1212.3	1165.5	1095.5	1016.6	899.9	824.0	757.4
-32.5°	805.8	825.0	832.6	822.1	832.6	825.0	805.8	775.1	736.2	697.2	659.8
-35°	669.4	678.8	682.7	687.2	682.7	678.8	669.4	654.6	635.2	611.5	585.0
-37.5°	583.7	593.3	598.0	596.6	598.0	593.3	583.7	571.3	557.6	539.1	522.9
-40°	515.9	522.9	527.0	527.0	527.0	522.9	515.9	507.0	498.4	487.3	475.0
-42.5°	461.4	465.0	466.4	465.9	466.4	465.0	461.4	455.1	448.8	441.4	435.3
-45°	416.0	419.0	420.8	421.6	420.8	419.0	416.0	411.8	410.3	410.0	410.0
-47.5°	383.6	384.4	385.3	385.8	385.3	384.4	383.6	382.3	383.3	385.2	385.5
-50°	361.0	359.0	358.2	358.4	358.2	359.0	361.0	362.1	363.0	363.8	362.7
-52.5°	347.3	346.1	345.6	345.7	345.6	346.1	347.3	347.9	348.1	347.8	346.1
-55°	339.2	339.2	338.5	337.3	338.5	339.2	339.2	338.6	337.5	336.1	334.1
-57.5°	331.0	332.3	333.0	333.1	333.0	332.3	331.0	329.3	327.4	325.2	322.4
-60°	319.0	321.1	322.2	322.5	322.2	321.1	319.0	316.6	313.9	310.2	306.1
-62.5°	295.3	296.2	296.9	297.2	296.9	296.2	295.3	293.9	292.0	288.8	285.0
-65°	270.1	270.9	270.7	269.8	270.7	270.9	270.1	268.7	266.8	263.9	260.1
-67.5°	242.7	243.5	243.3	242.4	243.3	243.5	242.7	241.3	239.3	236.2	232.3
-70°	212.7	214.0	214.8	215.0	214.8	214.0	212.7	211.0	208.8	206.0	202.8
-72.5°	181.3	182.5	184.2	185.5	184.2	182.5	181.3	179.7	177.6	175.1	172.2
-75°	148.0	149.0	151.5	153.9	151.5	149.0	148.0	146.6	144.8	142.7	140.3
-77.5°	116.1	117.4	117.9	118.0	117.9	117.4	116.1	114.5	112.8	110.8	109.3
-80°	85.4	85.9	87.3	88.5	87.3	85.9	85.4	84.6	83.6	82.3	80.3
-82.5°	56.3	56.6	56.8	56.9	56.8	56.6	56.3	55.8	55.1	54.3	52.9
-85°	32.8	33.5	32.6	31.6	32.6	33.5	32.8	32.0	31.2	30.3	29.8
-87.5°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	11.5
-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: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	10.8	10.2	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
85°	29.2	28.5	27.6	26.9	26.2	25.5	24.7	23.4	22.1	20.8	19.6
82.5°	51.4	49.9	48.2	46.9	45.4	43.9	42.2	40.2	38.0	35.5	32.8
80°	78.1	75.7	73.2	71.2	68.9	66.3	63.4	60.6	57.7	54.9	52.0
77.5°	107.3	104.9	102.0	99.1	95.9	92.6	89.1	85.0	80.9	76.6	72.3
75°	137.6	134.7	131.6	128.0	124.0	119.5	114.7	109.8	104.5	99.0	93.3
72.5°	168.8	164.9	160.8	156.7	152.2	147.4	142.0	136.0	129.5	122.4	115.4
70°	199.2	195.0	190.5	185.4	179.9	174.1	168.2	162.1	155.6	148.1	139.4
67.5°	228.0	223.4	218.5	213.0	206.8	200.2	193.6	186.6	179.2	171.4	162.4
65°	255.5	250.3	245.2	239.6	233.3	226.2	218.7	210.9	202.6	193.8	184.1
62.5°	280.8	276.3	271.0	264.7	258.1	251.2	243.2	234.3	225.3	215.9	205.2
60°	301.7	297.3	292.1	286.3	280.1	273.4	265.0	256.1	246.8	236.4	225.4
57.5°	318.7	314.4	309.7	304.5	299.0	292.1	284.3	276.1	266.4	255.8	244.6
55°	331.6	328.3	324.5	320.0	314.6	308.1	301.2	293.2	283.9	274.2	262.2
52.5°	343.0	340.2	337.1	333.7	328.3	321.9	315.5	307.7	299.5	289.5	278.6
50°	359.9	354.4	349.1	344.3	339.6	333.9	327.1	320.1	312.4	303.2	292.9
47.5°	381.2	372.2	363.3	356.5	350.5	344.2	337.6	330.7	323.5	315.2	305.1
45°	403.4	392.9	381.3	371.7	362.6	355.2	348.0	341.0	333.8	325.5	316.2
42.5°	427.0	415.8	402.9	390.3	377.8	367.8	358.8	351.4	343.4	335.3	325.8
40°	460.1	442.7	429.0	412.5	397.2	382.2	372.2	362.2	353.4	344.2	334.9
37.5°	504.0	483.7	462.2	440.9	421.2	402.1	387.8	375.5	363.8	353.7	343.1
35°	554.7	528.6	501.4	474.9	450.2	427.0	406.5	390.5	376.8	364.0	351.9
32.5°	621.0	583.4	547.4	514.3	481.6	453.2	428.5	407.7	390.9	376.3	361.9
30°	693.9	645.0	598.0	559.1	519.4	483.1	450.5	425.8	406.2	389.5	372.6
27.5°	812.0	717.7	657.7	604.2	558.4	516.3	477.3	442.0	420.4	402.5	384.3
25°	1068.7	843.2	733.3	661.5	602.2	548.0	503.6	463.2	433.1	413.6	390.6
22.5°	1560.1	1130.6	847.8	722.7	650.5	585.6	530.1	484.8	443.1	418.5	394.8
20°	2533.8	1569.8	1085.9	824.2	703.5	622.3	556.9	505.7	459.6	424.1	397.8
17.5°	3849.8	2423.9	1387.0	955.9	774.3	668.1	587.1	525.0	474.4	430.1	399.5
15°	5259.7	3393.7	2018.1	1204.2	849.1	706.9	612.1	542.7	488.1	439.3	404.0
12.5°	6868.0	4408.9	2600.3	1405.6	937.0	749.9	639.6	562.2	501.8	450.1	411.0
10°	8308.3	5434.6	3271.4	1823.7	1084.4	793.3	665.0	579.5	514.6	459.2	416.6
7.5°	9482.4	6402.4	3878.9	2135.3	1195.2	827.6	686.4	594.0	525.1	465.8	420.6
5°	10233.0	7116.3	4362.7	2368.6	1272.3	850.5	700.9	604.8	533.0	470.0	423.1
2.5°	10764.8	7588.9	4668.9	2504.5	1313.4	862.8	711.2	611.3	538.9	475.1	427.2
0°	10791.0	7749.1	4772.6	2622.4	1321.7	866.4	718.8	613.4	541.8	478.5	430.0
-2.5°	10764.8	7588.9	4668.9	2504.5	1313.4	862.8	711.2	611.3	538.9	475.1	427.2
-5°	10233.0	7116.3	4362.7	2368.6	1272.3	850.5	700.9	604.8	533.0	470.0	423.1
-7.5°	9482.4	6402.4	3878.9	2135.3	1195.2	827.6	686.4	594.0	525.1	465.8	420.6
-10°	8308.3	5434.6	3271.4	1823.7	1084.4	793.3	665.0	579.5	514.6	459.2	416.6
-12.5°	6868.0	4408.9	2600.3	1405.6	937.0	749.9	639.6	562.2	501.8	450.1	411.0
-15°	5259.7	3393.7	2018.1	1204.2	849.1	706.9	612.1	542.7	488.1	439.3	404.0
-17.5°	3849.8	2423.9	1387.0	955.9	774.3	668.1	587.1	525.0	474.4	430.1	399.5
-20°	2533.8	1569.8	1085.9	824.2	703.5	622.3	556.9	505.7	459.6	424.1	397.8



REPORT NUMBER: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1560.1	1130.6	847.8	722.7	650.5	585.6	530.1	484.8	443.1	418.5	394.8
-25°	1068.7	843.2	733.3	661.5	602.2	548.0	503.6	463.2	433.1	413.6	390.6
-27.5°	812.0	717.7	657.7	604.2	558.4	516.3	477.3	442.0	420.4	402.5	384.3
-30°	693.9	645.0	598.0	559.1	519.4	483.1	450.5	425.8	406.2	389.5	372.6
-32.5°	621.0	583.4	547.4	514.3	481.6	453.2	428.5	407.7	390.9	376.3	361.9
-35°	554.7	528.6	501.4	474.9	450.2	427.0	406.5	390.5	376.8	364.0	351.9
-37.5°	504.0	483.7	462.2	440.9	421.2	402.1	387.8	375.5	363.8	353.7	343.1
-40°	460.1	442.7	429.0	412.5	397.2	382.2	372.2	362.2	353.4	344.2	334.9
-42.5°	427.0	415.8	402.9	390.3	377.8	367.8	358.8	351.4	343.4	335.3	325.8
-45°	403.4	392.9	381.3	371.7	362.6	355.2	348.0	341.0	333.8	325.5	316.2
-47.5°	381.2	372.2	363.3	356.5	350.5	344.2	337.6	330.7	323.5	315.2	305.1
-50°	359.9	354.4	349.1	344.3	339.6	333.9	327.1	320.1	312.4	303.2	292.9
-52.5°	343.0	340.2	337.1	333.7	328.3	321.9	315.5	307.7	299.5	289.5	278.6
-55°	331.6	328.3	324.5	320.0	314.6	308.1	301.2	293.2	283.9	274.2	262.2
-57.5°	318.7	314.4	309.7	304.5	299.0	292.1	284.3	276.1	266.4	255.8	244.6
-60°	301.7	297.3	292.1	286.3	280.1	273.4	265.0	256.1	246.8	236.4	225.4
-62.5°	280.8	276.3	271.0	264.7	258.1	251.2	243.2	234.3	225.3	215.9	205.2
-65°	255.5	250.3	245.2	239.6	233.3	226.2	218.7	210.9	202.6	193.8	184.1
-67.5°	228.0	223.4	218.5	213.0	206.8	200.2	193.6	186.6	179.2	171.4	162.4
-70°	199.2	195.0	190.5	185.4	179.9	174.1	168.2	162.1	155.6	148.1	139.4
-72.5°	168.8	164.9	160.8	156.7	152.2	147.4	142.0	136.0	129.5	122.4	115.4
-75°	137.6	134.7	131.6	128.0	124.0	119.5	114.7	109.8	104.5	99.0	93.3
-77.5°	107.3	104.9	102.0	99.1	95.9	92.6	89.1	85.0	80.9	76.6	72.3
-80°	78.1	75.7	73.2	71.2	68.9	66.3	63.4	60.6	57.7	54.9	52.0
-82.5°	51.4	49.9	48.2	46.9	45.4	43.9	42.2	40.2	38.0	35.5	32.8
-85°	29.2	28.5	27.6	26.9	26.2	25.5	24.7	23.4	22.1	20.8	19.6
-87.5°	10.8	10.2	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559063 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-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°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
85°	18.7	17.7	16.6	15.4	14.0	12.6	11.6	10.6	9.6	8.6	7.6
82.5°	30.7	29.3	27.8	26.3	24.5	22.6	20.5	18.2	15.6	13.1	11.3
80°	48.7	45.4	42.2	38.9	35.7	32.6	29.9	27.0	23.3	19.8	16.4
77.5°	67.6	62.8	57.7	53.2	48.8	44.5	40.2	35.9	31.0	26.5	22.2
75°	87.3	81.4	75.4	69.1	62.7	56.3	50.9	45.5	39.6	33.3	27.8
72.5°	108.7	101.5	93.8	85.6	78.1	70.4	62.6	55.0	48.4	41.3	33.8
70°	130.7	122.1	113.5	104.0	94.2	84.6	75.6	66.5	57.1	49.2	40.9
67.5°	152.7	142.4	132.5	122.0	110.9	99.7	88.7	78.2	67.8	57.1	48.0
65°	173.6	162.4	150.6	139.0	127.0	114.7	102.3	90.0	78.2	66.5	54.9
62.5°	194.1	182.4	169.4	155.9	142.6	129.2	115.6	102.2	88.6	75.6	62.6
60°	213.8	201.3	187.7	172.9	158.1	143.4	128.8	114.2	99.4	84.6	70.4
57.5°	232.3	219.5	204.7	189.3	173.4	157.3	141.6	125.9	110.0	93.8	78.1
55°	249.9	236.2	221.1	204.9	188.1	170.9	154.3	137.4	120.3	103.0	85.6
52.5°	266.2	251.9	236.2	219.8	202.2	184.2	166.7	148.5	130.3	111.9	93.4
50°	280.9	266.5	250.6	233.5	215.7	197.2	179.0	159.7	140.1	120.5	101.0
47.5°	293.8	279.7	263.9	246.6	228.1	209.7	190.5	170.6	149.5	128.9	108.4
45°	304.8	291.8	276.1	258.6	240.5	221.4	201.4	181.2	159.1	137.1	115.7
42.5°	315.2	302.4	287.4	270.1	252.1	232.7	211.7	190.7	168.3	144.9	122.6
40°	324.1	312.1	297.8	281.0	263.2	243.6	221.7	199.6	177.3	152.6	129.1
37.5°	332.5	320.7	306.7	291.9	273.8	253.5	231.4	208.0	185.5	160.1	135.4
35°	340.2	328.2	316.0	301.4	283.6	263.1	240.7	216.1	192.5	167.2	141.3
32.5°	347.9	335.4	323.1	309.4	293.1	272.4	249.3	223.9	199.1	173.7	146.9
30°	356.5	341.7	329.6	316.9	301.5	280.7	257.0	231.0	205.3	179.9	152.2
27.5°	363.4	346.9	335.2	322.8	308.0	288.5	263.7	237.4	211.0	185.3	157.2
25°	369.1	352.1	339.5	327.8	313.8	294.8	269.8	243.1	216.4	190.0	161.7
22.5°	373.7	356.4	342.7	332.2	319.3	300.4	275.2	248.1	221.1	194.3	165.9
20°	376.2	359.5	345.3	336.0	323.9	304.6	279.8	252.6	225.2	198.1	169.6
17.5°	377.0	361.8	348.4	338.5	327.3	308.8	283.8	256.5	228.8	201.5	172.8
15°	380.6	363.9	350.7	340.5	330.2	312.9	287.2	259.9	231.8	204.5	175.6
12.5°	384.3	365.6	352.3	342.2	332.6	316.8	290.1	262.7	234.2	207.1	178.0
10°	387.6	366.7	353.1	343.6	334.6	320.5	292.3	264.9	236.7	209.2	179.9
7.5°	390.2	367.3	353.2	344.5	336.1	323.4	294.4	266.6	238.8	210.8	181.4
5°	392.2	367.5	353.1	345.2	337.4	325.2	295.9	267.6	240.5	212.0	182.5
2.5°	393.7	367.4	352.7	345.6	338.6	326.3	296.9	267.9	241.7	212.7	183.2
0°	394.2	366.8	352.0	345.7	339.4	326.7	297.2	267.7	242.4	212.9	183.4
-2.5°	393.7	367.4	352.7	345.6	338.6	326.3	296.9	267.9	241.7	212.7	183.2
-5°	392.2	367.5	353.1	345.2	337.4	325.2	295.9	267.6	240.5	212.0	182.5
-7.5°	390.2	367.3	353.2	344.5	336.1	323.4	294.4	266.6	238.8	210.8	181.4
-10°	387.6	366.7	353.1	343.6	334.6	320.5	292.3	264.9	236.7	209.2	179.9
-12.5°	384.3	365.6	352.3	342.2	332.6	316.8	290.1	262.7	234.2	207.1	178.0
-15°	380.6	363.9	350.7	340.5	330.2	312.9	287.2	259.9	231.8	204.5	175.6
-17.5°	377.0	361.8	348.4	338.5	327.3	308.8	283.8	256.5	228.8	201.5	172.8
-20°	376.2	359.5	345.3	336.0	323.9	304.6	279.8	252.6	225.2	198.1	169.6



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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°	373.7	356.4	342.7	332.2	319.3	300.4	275.2	248.1	221.1	194.3	165.9
-25°	369.1	352.1	339.5	327.8	313.8	294.8	269.8	243.1	216.4	190.0	161.7
-27.5°	363.4	346.9	335.2	322.8	308.0	288.5	263.7	237.4	211.0	185.3	157.2
-30°	356.5	341.7	329.6	316.9	301.5	280.7	257.0	231.0	205.3	179.9	152.2
-32.5°	347.9	335.4	323.1	309.4	293.1	272.4	249.3	223.9	199.1	173.7	146.9
-35°	340.2	328.2	316.0	301.4	283.6	263.1	240.7	216.1	192.5	167.2	141.3
-37.5°	332.5	320.7	306.7	291.9	273.8	253.5	231.4	208.0	185.5	160.1	135.4
-40°	324.1	312.1	297.8	281.0	263.2	243.6	221.7	199.6	177.3	152.6	129.1
-42.5°	315.2	302.4	287.4	270.1	252.1	232.7	211.7	190.7	168.3	144.9	122.6
-45°	304.8	291.8	276.1	258.6	240.5	221.4	201.4	181.2	159.1	137.1	115.7
-47.5°	293.8	279.7	263.9	246.6	228.1	209.7	190.5	170.6	149.5	128.9	108.4
-50°	280.9	266.5	250.6	233.5	215.7	197.2	179.0	159.7	140.1	120.5	101.0
-52.5°	266.2	251.9	236.2	219.8	202.2	184.2	166.7	148.5	130.3	111.9	93.4
-55°	249.9	236.2	221.1	204.9	188.1	170.9	154.3	137.4	120.3	103.0	85.6
-57.5°	232.3	219.5	204.7	189.3	173.4	157.3	141.6	125.9	110.0	93.8	78.1
-60°	213.8	201.3	187.7	172.9	158.1	143.4	128.8	114.2	99.4	84.6	70.4
-62.5°	194.1	182.4	169.4	155.9	142.6	129.2	115.6	102.2	88.6	75.6	62.6
-65°	173.6	162.4	150.6	139.0	127.0	114.7	102.3	90.0	78.2	66.5	54.9
-67.5°	152.7	142.4	132.5	122.0	110.9	99.7	88.7	78.2	67.8	57.1	48.0
-70°	130.7	122.1	113.5	104.0	94.2	84.6	75.6	66.5	57.1	49.2	40.9
-72.5°	108.7	101.5	93.8	85.6	78.1	70.4	62.6	55.0	48.4	41.3	33.8
-75°	87.3	81.4	75.4	69.1	62.7	56.3	50.9	45.5	39.6	33.3	27.8
-77.5°	67.6	62.8	57.7	53.2	48.8	44.5	40.2	35.9	31.0	26.5	22.2
-80°	48.7	45.4	42.2	38.9	35.7	32.6	29.9	27.0	23.3	19.8	16.4
-82.5°	30.7	29.3	27.8	26.3	24.5	22.6	20.5	18.2	15.6	13.1	11.3
-85°	18.7	17.7	16.6	15.4	14.0	12.6	11.6	10.6	9.6	8.6	7.6
-87.5°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
-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°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
80°	13.2	10.9	8.7	6.5	4.4	2.2	0.0
77.5°	18.0	14.0	10.9	8.2	5.4	2.7	0.0
75°	22.8	18.2	13.2	9.8	6.5	3.3	0.0
72.5°	27.6	22.3	16.6	11.3	7.6	3.8	0.0
70°	32.6	26.3	19.9	13.1	8.6	4.3	0.0
67.5°	38.7	30.4	23.2	15.6	9.6	4.8	0.0
65°	44.7	34.8	26.4	18.1	10.6	5.3	0.0
62.5°	50.5	39.6	29.6	20.5	11.6	5.8	0.0
60°	56.3	44.3	32.8	22.9	12.6	6.3	0.0
57.5°	62.7	48.9	36.4	25.3	14.2	6.8	0.0
55°	69.1	53.3	39.9	27.6	15.7	7.2	0.0
52.5°	75.4	57.7	43.3	29.8	17.2	7.7	0.0
50°	81.4	62.8	46.5	32.0	18.6	8.1	0.0
47.5°	87.3	67.6	49.7	34.1	20.0	8.5	0.0
45°	93.5	72.3	52.7	36.4	21.3	8.9	0.0
42.5°	99.5	76.8	55.5	38.5	22.6	9.3	0.0
40°	105.2	81.0	58.6	40.6	23.8	9.7	0.0
37.5°	110.7	85.1	61.8	42.5	25.0	10.0	0.0
35°	116.0	89.2	64.9	44.3	26.1	10.3	0.0
32.5°	120.9	93.3	67.8	46.0	27.1	10.6	0.0
30°	125.3	97.2	70.5	47.5	28.0	10.9	0.0
27.5°	129.5	100.8	73.0	49.0	28.9	11.2	0.0
25°	133.4	104.1	75.4	50.3	29.7	11.4	0.0
22.5°	136.9	107.2	77.7	51.6	30.5	11.6	0.0
20°	140.1	109.9	79.7	52.7	31.1	11.8	0.0
17.5°	142.8	112.4	81.6	53.7	31.7	12.0	0.0
15°	145.2	114.5	83.2	54.5	32.3	12.2	0.0
12.5°	147.2	116.2	84.6	55.2	32.7	12.3	0.0
10°	148.9	117.7	85.9	55.8	33.1	12.4	0.0
7.5°	150.1	118.8	86.9	56.3	33.3	12.5	0.0
5°	151.1	119.6	87.6	56.6	33.5	12.6	0.0
2.5°	151.6	120.0	88.2	56.8	33.7	12.6	0.0
0°	151.8	120.2	88.5	56.9	33.7	12.6	0.0
-2.5°	151.6	120.0	88.2	56.8	33.7	12.6	0.0
-5°	151.1	119.6	87.6	56.6	33.5	12.6	0.0
-7.5°	150.1	118.8	86.9	56.3	33.3	12.5	0.0
-10°	148.9	117.7	85.9	55.8	33.1	12.4	0.0
-12.5°	147.2	116.2	84.6	55.2	32.7	12.3	0.0
-15°	145.2	114.5	83.2	54.5	32.3	12.2	0.0
-17.5°	142.8	112.4	81.6	53.7	31.7	12.0	0.0
-20°	140.1	109.9	79.7	52.7	31.1	11.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	136.9	107.2	77.7	51.6	30.5	11.6	0.0
-25°	133.4	104.1	75.4	50.3	29.7	11.4	0.0
-27.5°	129.5	100.8	73.0	49.0	28.9	11.2	0.0
-30°	125.3	97.2	70.5	47.5	28.0	10.9	0.0
-32.5°	120.9	93.3	67.8	46.0	27.1	10.6	0.0
-35°	116.0	89.2	64.9	44.3	26.1	10.3	0.0
-37.5°	110.7	85.1	61.8	42.5	25.0	10.0	0.0
-40°	105.2	81.0	58.6	40.6	23.8	9.7	0.0
-42.5°	99.5	76.8	55.5	38.5	22.6	9.3	0.0
-45°	93.5	72.3	52.7	36.4	21.3	8.9	0.0
-47.5°	87.3	67.6	49.7	34.1	20.0	8.5	0.0
-50°	81.4	62.8	46.5	32.0	18.6	8.1	0.0
-52.5°	75.4	57.7	43.3	29.8	17.2	7.7	0.0
-55°	69.1	53.3	39.9	27.6	15.7	7.2	0.0
-57.5°	62.7	48.9	36.4	25.3	14.2	6.8	0.0
-60°	56.3	44.3	32.8	22.9	12.6	6.3	0.0
-62.5°	50.5	39.6	29.6	20.5	11.6	5.8	0.0
-65°	44.7	34.8	26.4	18.1	10.6	5.3	0.0
-67.5°	38.7	30.4	23.2	15.6	9.6	4.8	0.0
-70°	32.6	26.3	19.9	13.1	8.6	4.3	0.0
-72.5°	27.6	22.3	16.6	11.3	7.6	3.8	0.0
-75°	22.8	18.2	13.2	9.8	6.5	3.3	0.0
-77.5°	18.0	14.0	10.9	8.2	5.4	2.7	0.0
-80°	13.2	10.9	8.7	6.5	4.4	2.2	0.0
-82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
-85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.7	2.2	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)