

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: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558943 (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-SA4D-927-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

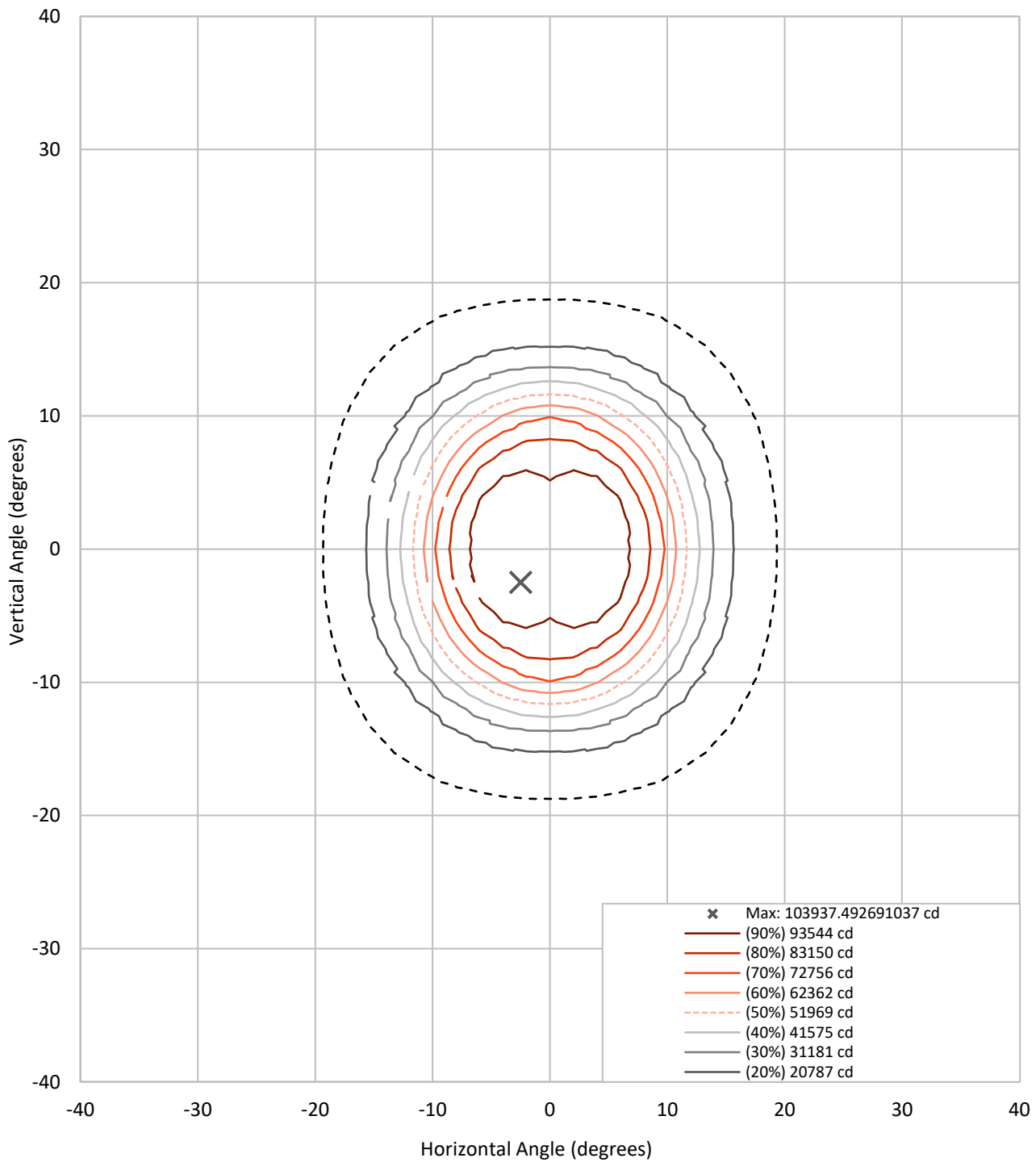
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19654.4 lumens	Max Intensity:	103937.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	10610.8 lumens	Field Lumens:	16001.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 217
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





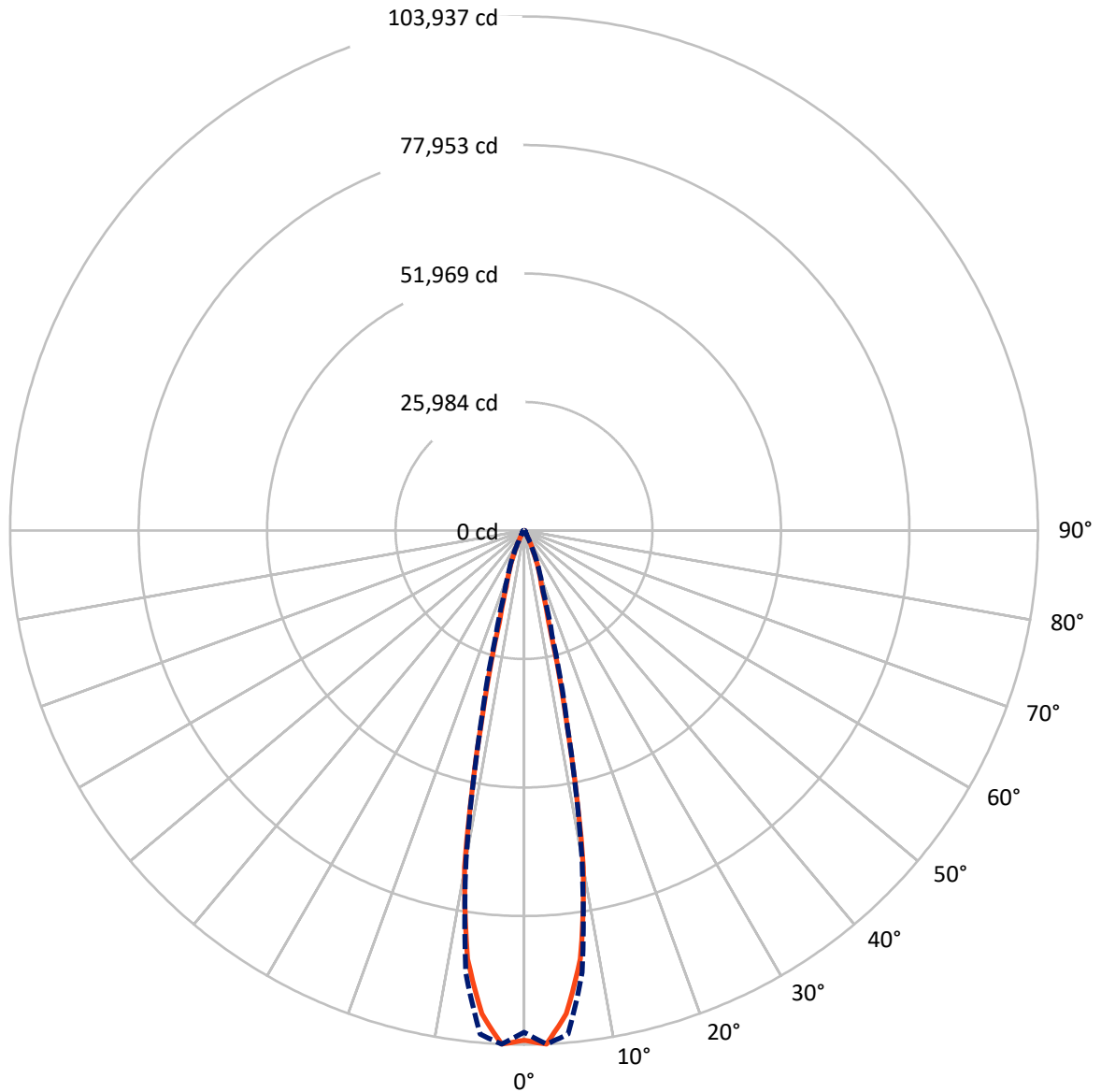
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Lumen Table

90	0.2	2.0		5.3		8.4		9.8		8.4		5.3		2.0		0.2			
80	0.2	2.0		5.3		8.4		9.8		8.4		5.3		2.0		0.2			
70	0.9	1.0	2.1	3.4	4.7	5.9	6.7	7.1	7.1	6.7	5.9	4.7	3.4	2.1	1.0	0.9			
60		1.6	3.1	4.9	6.5	7.8	8.6	9.0	9.0	8.6	7.8	6.5	4.9	3.1	1.6				
50	1.7	2.0	3.9	5.9	7.6	9.3	10.6	11.3	11.3	10.6	9.3	7.6	5.9	3.9	2.0	1.7			
40		2.5	4.6	6.6	9.0	12.2	16.1	19.3	19.3	16.1	12.2	9.0	6.6	4.6	2.5				
30	2.2	2.8	5.0	7.3	11.1	20.1	60.4	117.6	117.6	60.4	20.1	11.1	7.3	5.0	2.8	2.2			
20		2.9	5.2	7.8	13.9	59.6	275.2	707.6	707.6	275.2	59.6	13.9	7.8	5.2	2.9				
10	2.4	3.0	5.3	8.2	16.6	116.1	716.5	2531.5	2531.5	716.5	116.1	16.6	8.2	5.3	3.0	2.4			
0		3.0	5.3	8.2	16.6	116.1	716.5	2531.5	2531.5	716.5	116.1	16.6	8.2	5.3	3.0				
-10	2.2	2.9	5.2	7.8	13.9	59.6	275.2	707.6	707.6	275.2	59.6	13.9	7.8	5.2	2.9	2.2			
-20		2.8	5.0	7.3	11.1	20.1	60.4	117.6	117.6	60.4	20.1	11.1	7.3	5.0	2.8				
-30	1.7	2.5	4.6	6.6	9.0	12.2	16.1	19.3	19.3	16.1	12.2	9.0	6.6	4.6	2.5	1.7			
-40		2.0	3.9	5.9	7.6	9.3	10.6	11.3	11.3	10.6	9.3	7.6	5.9	3.9	2.0				
-50	0.9	1.6	3.1	4.9	6.5	7.8	8.6	9.0	9.0	8.6	7.8	6.5	4.9	3.1	1.6	0.9			
-60		1.0	2.1	3.4	4.7	5.9	6.7	7.1	7.1	6.7	5.9	4.7	3.4	2.1	1.0				
-70	0.2	2.0		5.3		8.4		9.8		8.4		5.3		2.0		0.2			
-80		2.0		5.3		8.4		9.8		8.4		5.3		2.0					
-90	0.2	2.0		5.3		8.4		9.8		8.4		5.3		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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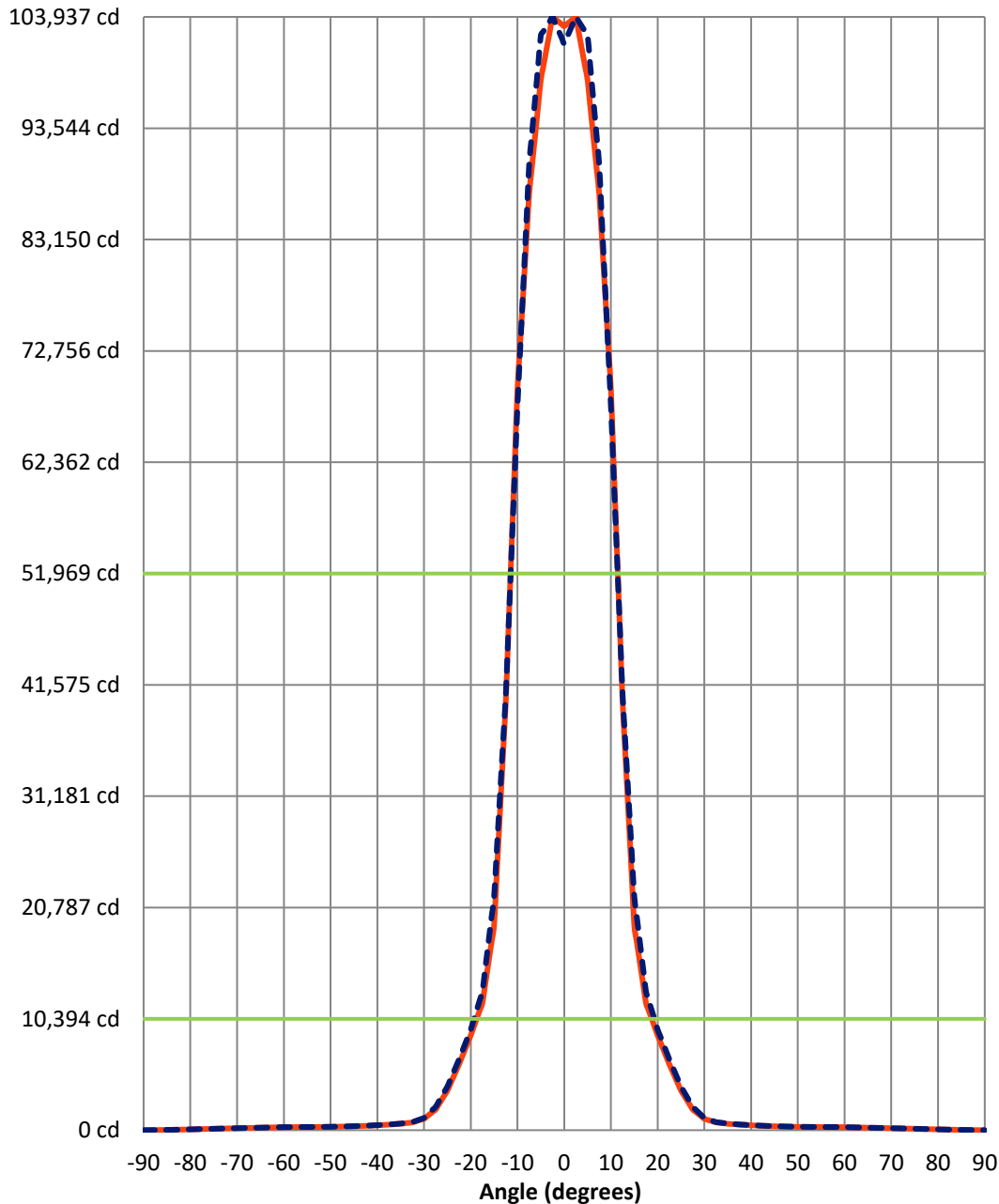
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 10610.8
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 16001.7
Efficiency: 81.4%

Spill:
Lumens: 3652.8
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	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.6	15.9
80°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.4	17.3	20.4	23.5
77.5°	0.0	2.4	4.8	7.1	9.5	12.3	15.7	19.4	23.2	27.1	31.3
75°	0.0	2.8	5.7	8.5	11.5	15.9	20.0	24.3	29.1	34.5	39.7
72.5°	0.0	3.3	6.6	9.9	14.5	19.5	24.1	29.5	36.0	42.2	48.0
70°	0.0	3.8	7.5	11.4	17.4	23.0	28.4	35.7	42.9	49.8	58.0
67.5°	0.0	4.2	8.4	13.6	20.2	26.5	33.8	41.8	49.8	59.1	68.3
65°	0.0	4.6	9.3	15.8	23.1	30.4	39.0	47.9	58.0	68.3	78.6
62.5°	0.0	5.1	10.1	17.9	25.9	34.6	44.1	54.6	66.0	77.4	89.2
60°	0.0	5.5	11.0	20.0	28.6	38.7	49.0	61.4	73.8	86.7	99.6
57.5°	0.0	5.9	12.4	22.1	31.7	42.6	54.7	68.2	81.9	95.9	109.8
55°	0.0	6.3	13.7	24.1	34.8	46.5	60.3	74.7	89.8	104.9	119.8
52.5°	0.0	6.7	15.0	26.0	37.7	50.3	65.8	81.5	97.6	113.6	129.5
50°	0.0	7.1	16.2	27.9	40.6	54.7	71.0	88.1	105.1	122.1	139.2
47.5°	0.0	7.4	17.4	29.8	43.3	59.0	76.2	94.6	112.4	130.3	148.7
45°	0.0	7.8	18.6	31.7	45.9	63.1	81.6	100.9	119.5	138.7	158.0
42.5°	0.0	8.1	19.7	33.6	48.4	67.0	86.8	106.9	126.4	146.8	166.3
40°	0.0	8.4	20.8	35.4	51.1	70.7	91.8	112.6	133.0	154.6	174.1
37.5°	0.0	8.7	21.8	37.0	53.9	74.2	96.5	118.1	139.6	161.7	181.4
35°	0.0	9.0	22.7	38.6	56.6	77.9	101.1	123.2	145.7	167.8	188.5
32.5°	0.0	9.3	23.6	40.1	59.1	81.4	105.4	128.1	151.5	173.6	195.3
30°	0.0	9.5	24.5	41.4	61.5	84.8	109.3	132.7	156.8	179.0	201.5
27.5°	0.0	9.8	25.2	42.7	63.7	87.9	112.9	137.1	161.6	184.1	207.1
25°	0.0	10.0	25.9	43.9	65.8	90.8	116.3	141.0	165.7	188.7	212.1
22.5°	0.0	10.2	26.6	45.0	67.8	93.5	119.4	144.6	169.4	192.9	216.5
20°	0.0	10.3	27.2	45.9	69.5	95.9	122.2	147.9	172.8	196.5	220.3
17.5°	0.0	10.5	27.7	46.8	71.2	98.0	124.6	150.7	175.8	199.6	223.8
15°	0.0	10.6	28.1	47.5	72.6	99.8	126.6	153.1	178.4	202.2	226.7
12.5°	0.0	10.7	28.5	48.2	73.8	101.4	128.4	155.2	180.6	204.3	229.1
10°	0.0	10.8	28.8	48.7	74.9	102.6	129.8	156.9	182.4	206.4	231.0
7.5°	0.0	10.9	29.1	49.1	75.8	103.6	131.0	158.2	183.9	208.3	232.5
5°	0.0	11.0	29.3	49.4	76.5	104.3	131.8	159.1	184.9	209.8	233.4
2.5°	0.0	11.0	29.4	49.5	76.9	104.7	132.2	159.7	185.5	210.8	233.7
0°	0.0	11.0	29.4	49.6	77.2	104.8	132.4	159.9	185.7	211.4	233.5
-2.5°	0.0	11.0	29.4	49.6	77.2	104.8	132.4	159.9	185.7	211.4	233.5
-5°	0.0	11.0	29.3	49.4	76.5	104.3	131.8	159.1	184.9	209.8	233.4
-7.5°	0.0	10.9	29.1	49.1	75.8	103.6	131.0	158.2	183.9	208.3	232.5
-10°	0.0	10.8	28.8	48.7	74.9	102.6	129.8	156.9	182.4	206.4	231.0
-12.5°	0.0	10.7	28.5	48.2	73.8	101.4	128.4	155.2	180.6	204.3	229.1
-15°	0.0	10.6	28.1	47.5	72.6	99.8	126.6	153.1	178.4	202.2	226.7
-17.5°	0.0	10.5	27.7	46.8	71.2	98.0	124.6	150.7	175.8	199.6	223.8
-20°	0.0	10.3	27.2	45.9	69.5	95.9	122.2	147.9	172.8	196.5	220.3



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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	10.2	26.6	45.0	67.8	93.5	119.4	144.6	169.4	192.9	216.5
-25°	0.0	10.0	25.9	43.9	65.8	90.8	116.3	141.0	165.7	188.7	212.1
-27.5°	0.0	9.8	25.2	42.7	63.7	87.9	112.9	137.1	161.6	184.1	207.1
-30°	0.0	9.5	24.5	41.4	61.5	84.8	109.3	132.7	156.8	179.0	201.5
-32.5°	0.0	9.3	23.6	40.1	59.1	81.4	105.4	128.1	151.5	173.6	195.3
-35°	0.0	9.0	22.7	38.6	56.6	77.9	101.1	123.2	145.7	167.8	188.5
-37.5°	0.0	8.7	21.8	37.0	53.9	74.2	96.5	118.1	139.6	161.7	181.4
-40°	0.0	8.4	20.8	35.4	51.1	70.7	91.8	112.6	133.0	154.6	174.1
-42.5°	0.0	8.1	19.7	33.6	48.4	67.0	86.8	106.9	126.4	146.8	166.3
-45°	0.0	7.8	18.6	31.7	45.9	63.1	81.6	100.9	119.5	138.7	158.0
-47.5°	0.0	7.4	17.4	29.8	43.3	59.0	76.2	94.6	112.4	130.3	148.7
-50°	0.0	7.1	16.2	27.9	40.6	54.7	71.0	88.1	105.1	122.1	139.2
-52.5°	0.0	6.7	15.0	26.0	37.7	50.3	65.8	81.5	97.6	113.6	129.5
-55°	0.0	6.3	13.7	24.1	34.8	46.5	60.3	74.7	89.8	104.9	119.8
-57.5°	0.0	5.9	12.4	22.1	31.7	42.6	54.7	68.2	81.9	95.9	109.8
-60°	0.0	5.5	11.0	20.0	28.6	38.7	49.0	61.4	73.8	86.7	99.6
-62.5°	0.0	5.1	10.1	17.9	25.9	34.6	44.1	54.6	66.0	77.4	89.2
-65°	0.0	4.6	9.3	15.8	23.1	30.4	39.0	47.9	58.0	68.3	78.6
-67.5°	0.0	4.2	8.4	13.6	20.2	26.5	33.8	41.8	49.8	59.1	68.3
-70°	0.0	3.8	7.5	11.4	17.4	23.0	28.4	35.7	42.9	49.8	58.0
-72.5°	0.0	3.3	6.6	9.9	14.5	19.5	24.1	29.5	36.0	42.2	48.0
-75°	0.0	2.8	5.7	8.5	11.5	15.9	20.0	24.3	29.1	34.5	39.7
-77.5°	0.0	2.4	4.8	7.1	9.5	12.3	15.7	19.4	23.2	27.1	31.3
-80°	0.0	1.9	3.8	5.7	7.6	9.5	11.5	14.4	17.3	20.4	23.5
-82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.6	15.9
-85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-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°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
85°	10.1	11.0	12.3	13.4	14.5	15.5	16.3	17.1	18.2	19.3	20.4
82.5°	17.9	19.7	21.4	22.9	24.3	25.5	26.8	28.6	30.9	33.1	35.1
80°	26.1	28.4	31.2	34.0	36.8	39.6	42.5	45.3	47.9	50.3	52.9
77.5°	35.1	38.8	42.6	46.4	50.3	54.7	59.0	63.1	66.9	70.6	74.2
75°	44.4	49.1	54.7	60.3	65.8	71.0	76.2	81.4	86.4	91.2	95.7
72.5°	54.6	61.4	68.2	74.7	81.8	88.5	94.8	100.7	106.7	112.9	118.6
70°	66.0	73.8	82.1	90.7	99.0	106.5	113.9	121.6	129.2	135.7	141.4
67.5°	77.4	87.0	96.7	106.4	115.5	124.2	133.1	141.6	149.5	156.3	162.7
65°	89.2	100.0	110.7	121.2	131.4	141.7	151.4	160.5	169.0	176.7	184.0
62.5°	100.8	112.7	124.3	135.9	147.8	159.1	169.3	179.0	188.3	196.5	204.4
60°	112.3	125.0	137.8	150.8	163.7	175.6	186.6	196.6	206.2	215.3	223.4
57.5°	123.5	137.2	151.2	165.1	178.6	191.5	202.6	213.3	223.1	232.4	240.9
55°	134.5	149.0	164.0	178.7	192.8	206.0	218.0	228.7	239.1	247.6	255.7
52.5°	145.4	160.6	176.3	191.7	206.1	219.7	232.2	243.0	252.5	261.2	268.4
50°	156.0	172.0	188.2	203.7	218.5	232.5	245.0	255.4	264.4	272.5	279.2
47.5°	166.1	182.9	199.0	215.1	230.1	243.9	256.2	266.1	275.0	282.1	288.4
45°	175.6	193.1	209.8	225.5	240.8	254.5	265.9	275.8	283.9	291.1	297.4
42.5°	184.7	202.9	219.8	235.6	250.6	263.8	274.9	284.2	292.4	299.5	306.5
40°	193.4	212.5	229.5	245.1	259.8	272.2	282.7	292.1	300.2	308.2	315.8
37.5°	201.9	221.1	238.8	254.6	267.6	279.7	290.0	299.3	308.4	317.2	327.5
35°	210.0	229.5	247.3	262.8	275.6	286.2	296.7	306.9	317.5	328.5	340.5
32.5°	217.5	237.6	255.6	269.9	281.8	292.5	303.4	315.7	328.2	340.8	355.5
30°	224.2	244.8	263.0	276.4	287.4	298.0	310.9	325.0	339.6	354.2	371.3
27.5°	230.0	251.7	268.6	281.5	292.3	302.6	317.0	335.1	351.0	366.6	385.4
25°	235.4	257.1	273.7	285.8	296.0	307.1	322.0	340.6	360.7	377.7	403.9
22.5°	240.0	262.1	278.4	289.7	298.9	310.8	325.9	344.3	365.0	386.4	422.7
20°	244.0	265.7	282.4	293.0	301.1	313.5	328.1	346.9	369.9	400.8	440.9
17.5°	247.5	269.3	285.4	295.2	303.8	315.5	328.8	348.4	375.1	413.7	457.8
15°	250.5	272.9	288.0	297.0	305.9	317.4	331.9	352.3	383.1	425.7	473.2
12.5°	253.0	276.3	290.1	298.5	307.2	318.8	335.2	358.5	392.6	437.7	490.2
10°	254.9	279.5	291.7	299.6	307.9	319.8	338.0	363.3	400.5	448.7	505.3
7.5°	256.7	282.0	293.0	300.5	308.0	320.3	340.3	366.8	406.2	457.9	518.0
5°	258.1	283.6	294.2	301.1	307.9	320.5	342.0	369.0	409.8	464.7	527.5
2.5°	258.9	284.6	295.2	301.4	307.6	320.4	343.3	372.6	414.3	469.9	533.2
0°	259.2	284.9	296.0	301.5	307.0	319.9	343.8	375.0	417.3	472.5	535.0
-2.5°	258.9	284.6	295.2	301.4	307.6	320.4	343.3	372.6	414.3	469.9	533.2
-5°	258.1	283.6	294.2	301.1	307.9	320.5	342.0	369.0	409.8	464.7	527.5
-7.5°	256.7	282.0	293.0	300.5	308.0	320.3	340.3	366.8	406.2	457.9	518.0
-10°	254.9	279.5	291.7	299.6	307.9	319.8	338.0	363.3	400.5	448.7	505.3
-12.5°	253.0	276.3	290.1	298.5	307.2	318.8	335.2	358.5	392.6	437.7	490.2
-15°	250.5	272.9	288.0	297.0	305.9	317.4	331.9	352.3	383.1	425.7	473.2
-17.5°	247.5	269.3	285.4	295.2	303.8	315.5	328.8	348.4	375.1	413.7	457.8
-20°	244.0	265.7	282.4	293.0	301.1	313.5	328.1	346.9	369.9	400.8	440.9



REPORT NUMBER: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	240.0	262.1	278.4	289.7	298.9	310.8	325.9	344.3	365.0	386.4	422.7
-25°	235.4	257.1	273.7	285.8	296.0	307.1	322.0	340.6	360.7	377.7	403.9
-27.5°	230.0	251.7	268.6	281.5	292.3	302.6	317.0	335.1	351.0	366.6	385.4
-30°	224.2	244.8	263.0	276.4	287.4	298.0	310.9	325.0	339.6	354.2	371.3
-32.5°	217.5	237.6	255.6	269.9	281.8	292.5	303.4	315.7	328.2	340.8	355.5
-35°	210.0	229.5	247.3	262.8	275.6	286.2	296.7	306.9	317.5	328.5	340.5
-37.5°	201.9	221.1	238.8	254.6	267.6	279.7	290.0	299.3	308.4	317.2	327.5
-40°	193.4	212.5	229.5	245.1	259.8	272.2	282.7	292.1	300.2	308.2	315.8
-42.5°	184.7	202.9	219.8	235.6	250.6	263.8	274.9	284.2	292.4	299.5	306.5
-45°	175.6	193.1	209.8	225.5	240.8	254.5	265.9	275.8	283.9	291.1	297.4
-47.5°	166.1	182.9	199.0	215.1	230.1	243.9	256.2	266.1	275.0	282.1	288.4
-50°	156.0	172.0	188.2	203.7	218.5	232.5	245.0	255.4	264.4	272.5	279.2
-52.5°	145.4	160.6	176.3	191.7	206.1	219.7	232.2	243.0	252.5	261.2	268.4
-55°	134.5	149.0	164.0	178.7	192.8	206.0	218.0	228.7	239.1	247.6	255.7
-57.5°	123.5	137.2	151.2	165.1	178.6	191.5	202.6	213.3	223.1	232.4	240.9
-60°	112.3	125.0	137.8	150.8	163.7	175.6	186.6	196.6	206.2	215.3	223.4
-62.5°	100.8	112.7	124.3	135.9	147.8	159.1	169.3	179.0	188.3	196.5	204.4
-65°	89.2	100.0	110.7	121.2	131.4	141.7	151.4	160.5	169.0	176.7	184.0
-67.5°	77.4	87.0	96.7	106.4	115.5	124.2	133.1	141.6	149.5	156.3	162.7
-70°	66.0	73.8	82.1	90.7	99.0	106.5	113.9	121.6	129.2	135.7	141.4
-72.5°	54.6	61.4	68.2	74.7	81.8	88.5	94.8	100.7	106.7	112.9	118.6
-75°	44.4	49.1	54.7	60.3	65.8	71.0	76.2	81.4	86.4	91.2	95.7
-77.5°	35.1	38.8	42.6	46.4	50.3	54.7	59.0	63.1	66.9	70.6	74.2
-80°	26.1	28.4	31.2	34.0	36.8	39.6	42.5	45.3	47.9	50.3	52.9
-82.5°	17.9	19.7	21.4	22.9	24.3	25.5	26.8	28.6	30.9	33.1	35.1
-85°	10.1	11.0	12.3	13.4	14.5	15.5	16.3	17.1	18.2	19.3	20.4
-87.5°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	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: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	9.0	8.9	8.7	8.6	8.3	8.9	9.5	10.1	10.6	10.7	10.8
85°	21.6	22.3	22.9	23.5	24.1	24.9	25.5	26.0	26.5	27.2	28.0
82.5°	36.8	38.3	39.6	40.9	42.1	43.5	44.8	46.1	47.3	48.1	48.6
80°	55.3	57.8	60.1	62.1	63.8	66.0	68.1	70.1	71.8	72.9	73.8
77.5°	77.7	80.8	83.7	86.4	89.0	91.5	93.6	95.3	96.7	98.4	99.9
75°	100.0	104.2	108.1	111.6	114.7	117.5	120.0	122.3	124.4	126.3	127.8
72.5°	123.8	128.5	132.7	136.6	140.2	143.8	147.1	150.1	152.7	154.9	156.7
70°	146.7	151.8	156.9	161.7	166.1	170.1	173.7	176.9	179.7	182.1	184.0
67.5°	168.8	174.6	180.4	185.8	190.6	194.8	198.9	202.6	206.1	208.7	210.5
65°	190.8	197.2	203.5	209.0	213.9	218.3	222.9	226.9	230.2	232.7	234.4
62.5°	212.1	219.1	225.1	230.9	236.4	241.0	244.9	248.6	252.0	254.7	256.4
60°	231.1	238.4	244.3	249.7	254.7	259.3	263.2	267.0	270.6	273.7	276.1
57.5°	248.0	254.7	260.7	265.6	270.1	274.2	278.0	281.1	283.6	285.5	287.2
55°	262.7	268.7	274.4	279.1	283.0	286.3	289.1	291.3	293.1	294.3	295.3
52.5°	275.2	280.8	286.3	291.0	294.0	296.7	299.2	301.8	303.3	303.6	303.4
50°	285.2	291.2	296.2	300.3	304.4	309.1	313.9	316.3	317.2	316.6	315.8
47.5°	294.4	300.2	305.7	310.9	316.9	324.6	332.5	336.2	335.9	334.2	333.4
45°	303.5	309.8	316.2	324.1	332.5	342.6	351.8	357.5	357.6	357.8	359.1
42.5°	313.0	320.8	329.5	340.3	351.3	362.6	372.4	379.6	384.9	391.4	396.8
40°	324.6	333.3	346.4	359.7	374.1	386.1	401.2	414.3	424.9	434.7	442.1
37.5°	338.2	350.7	367.3	384.5	403.1	421.7	439.5	456.0	470.1	486.2	498.2
35°	354.5	372.4	392.6	414.1	437.2	460.9	483.7	510.1	533.2	553.9	570.9
32.5°	373.7	395.2	419.9	448.5	477.4	508.7	541.6	575.4	608.0	642.0	676.0
30°	392.8	421.3	452.9	487.6	521.5	562.5	605.2	660.5	718.6	784.8	866.5
27.5°	416.2	450.3	487.0	526.8	573.5	626.0	708.2	810.6	985.3	1115.8	1466.5
25°	439.1	478.0	525.1	576.8	639.6	735.4	932.0	1159.5	1666.1	2140.3	2688.2
22.5°	462.3	510.7	567.3	630.3	739.3	986.0	1360.5	2046.4	2829.0	3659.6	4505.6
20°	485.7	542.7	613.5	718.8	947.0	1369.0	2209.7	3311.8	4423.8	5782.3	6957.0
17.5°	512.0	582.7	675.2	833.6	1209.6	2113.8	3357.3	4886.6	6607.4	8353.8	9820.2
15°	533.8	616.5	740.5	1050.2	1759.9	2959.5	4586.8	6659.8	9006.2	11214.0	13097.2
12.5°	557.8	654.1	817.1	1225.8	2267.7	3844.9	5989.4	8540.4	11355.3	14380.4	19170.3
10°	579.9	691.8	945.7	1590.4	2853.0	4739.5	7245.5	10119.9	13533.5	19590.4	30913.0
7.5°	598.6	721.7	1042.3	1862.2	3382.7	5583.4	8269.4	11470.4	16602.7	26778.6	45831.8
5°	611.3	741.7	1109.6	2065.6	3804.7	6206.0	8924.0	12359.7	19733.9	35565.3	58507.2
2.5°	620.2	752.4	1145.4	2184.2	4071.6	6618.3	9387.8	12958.1	21836.1	40647.7	67527.0
0°	626.9	755.6	1152.7	2286.9	4162.1	6757.9	9410.7	13118.7	22557.0	42632.1	70741.0
-2.5°	620.2	752.4	1145.4	2184.2	4071.6	6618.3	9387.8	12958.1	21836.1	40647.7	67527.0
-5°	611.3	741.7	1109.6	2065.6	3804.7	6206.0	8924.0	12359.7	19733.9	35565.3	58507.2
-7.5°	598.6	721.7	1042.3	1862.2	3382.7	5583.4	8269.4	11470.4	16602.7	26778.6	45831.8
-10°	579.9	691.8	945.7	1590.4	2853.0	4739.5	7245.5	10119.9	13533.5	19590.4	30913.0
-12.5°	557.8	654.1	817.1	1225.8	2267.7	3844.9	5989.4	8540.4	11355.3	14380.4	19170.3
-15°	533.8	616.5	740.5	1050.2	1759.9	2959.5	4586.8	6659.8	9006.2	11214.0	13097.2
-17.5°	512.0	582.7	675.2	833.6	1209.6	2113.8	3357.3	4886.6	6607.4	8353.8	9820.2
-20°	485.7	542.7	613.5	718.8	947.0	1369.0	2209.7	3311.8	4423.8	5782.3	6957.0



REPORT NUMBER: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	462.3	510.7	567.3	630.3	739.3	986.0	1360.5	2046.4	2829.0	3659.6	4505.6
-25°	439.1	478.0	525.1	576.8	639.6	735.4	932.0	1159.5	1666.1	2140.3	2688.2
-27.5°	416.2	450.3	487.0	526.8	573.5	626.0	708.2	810.6	985.3	1115.8	1466.5
-30°	392.8	421.3	452.9	487.6	521.5	562.5	605.2	660.5	718.6	784.8	886.5
-32.5°	373.7	395.2	419.9	448.5	477.4	508.7	541.6	575.4	608.0	642.0	676.0
-35°	354.5	372.4	392.6	414.1	437.2	460.9	483.7	510.1	533.2	553.9	570.9
-37.5°	338.2	350.7	367.3	384.5	403.1	421.7	439.5	456.0	470.1	486.2	498.2
-40°	324.6	333.3	346.4	359.7	374.1	386.1	401.2	414.3	424.9	434.7	442.1
-42.5°	313.0	320.8	329.5	340.3	351.3	362.6	372.4	379.6	384.9	391.4	396.8
-45°	303.5	309.8	316.2	324.1	332.5	342.6	351.8	357.5	357.6	357.8	359.1
-47.5°	294.4	300.2	305.7	310.9	316.9	324.6	332.5	336.2	335.9	334.2	333.4
-50°	285.2	291.2	296.2	300.3	304.4	309.1	313.9	316.3	317.2	316.6	315.8
-52.5°	275.2	280.8	286.3	291.0	294.0	296.7	299.2	301.8	303.3	303.6	303.4
-55°	262.7	268.7	274.4	279.1	283.0	286.3	289.1	291.3	293.1	294.3	295.3
-57.5°	248.0	254.7	260.7	265.6	270.1	274.2	278.0	281.1	283.6	285.5	287.2
-60°	231.1	238.4	244.3	249.7	254.7	259.3	263.2	267.0	270.6	273.7	276.1
-62.5°	212.1	219.1	225.1	230.9	236.4	241.0	244.9	248.6	252.0	254.7	256.4
-65°	190.8	197.2	203.5	209.0	213.9	218.3	222.9	226.9	230.2	232.7	234.4
-67.5°	168.8	174.6	180.4	185.8	190.6	194.8	198.9	202.6	206.1	208.7	210.5
-70°	146.7	151.8	156.9	161.7	166.1	170.1	173.7	176.9	179.7	182.1	184.0
-72.5°	123.8	128.5	132.7	136.6	140.2	143.8	147.1	150.1	152.7	154.9	156.7
-75°	100.0	104.2	108.1	111.6	114.7	117.5	120.0	122.3	124.4	126.3	127.8
-77.5°	77.7	80.8	83.7	86.4	89.0	91.5	93.6	95.3	96.7	98.4	99.9
-80°	55.3	57.8	60.1	62.1	63.8	66.0	68.1	70.1	71.8	72.9	73.8
-82.5°	36.8	38.3	39.6	40.9	42.1	43.5	44.8	46.1	47.3	48.1	48.6
-85°	21.6	22.3	22.9	23.5	24.1	24.9	25.5	26.0	26.5	27.2	28.0
-87.5°	9.0	8.9	8.7	8.6	8.3	8.9	9.5	10.1	10.6	10.7	10.8
-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: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.1
85°	28.6	29.3	28.5	27.6	28.5	29.3	28.6	28.0	27.2	26.5	26.0
82.5°	49.1	49.4	49.5	49.6	49.5	49.4	49.1	48.6	48.1	47.3	46.1
80°	74.5	75.0	76.2	77.2	76.2	75.0	74.5	73.8	72.9	71.8	70.1
77.5°	101.2	102.3	102.8	102.9	102.8	102.3	101.2	99.9	98.4	96.7	95.3
75°	129.0	129.9	132.1	134.2	132.1	129.9	129.0	127.8	126.3	124.4	122.3
72.5°	158.1	159.1	160.6	161.8	160.6	159.1	158.1	156.7	154.9	152.7	150.1
70°	185.5	186.6	187.3	187.5	187.3	186.6	185.5	184.0	182.1	179.7	176.9
67.5°	211.7	212.4	212.2	211.4	212.2	212.4	211.7	210.5	208.7	206.1	202.6
65°	235.6	236.3	236.1	235.3	236.1	236.3	235.6	234.4	232.7	230.2	226.9
62.5°	257.6	258.3	258.9	259.2	258.9	258.3	257.6	256.4	254.7	252.0	248.6
60°	278.3	280.1	281.0	281.3	281.0	280.1	278.3	276.1	273.7	270.6	267.0
57.5°	288.6	289.8	290.4	290.5	290.4	289.8	288.6	287.2	285.5	283.6	281.1
55°	295.8	295.8	295.2	294.1	295.2	295.8	295.8	295.3	294.3	293.1	291.3
52.5°	302.9	301.8	301.4	301.5	301.4	301.8	302.9	303.4	303.6	303.3	301.8
50°	314.8	313.0	312.3	312.5	312.3	313.0	314.8	315.8	316.6	317.2	316.3
47.5°	334.5	335.2	335.9	336.4	335.9	335.2	334.5	333.4	334.2	335.9	336.2
45°	362.8	365.4	367.0	367.7	367.0	365.4	362.8	359.1	357.8	357.6	357.5
42.5°	402.3	405.5	406.7	406.3	406.7	405.5	402.3	396.8	391.4	384.9	379.6
40°	449.9	456.0	459.6	459.6	459.6	456.0	449.9	442.1	434.7	424.9	414.3
37.5°	509.1	517.4	521.5	520.3	521.5	517.4	509.1	498.2	486.2	470.1	456.0
35°	583.8	592.0	595.4	599.3	595.4	592.0	583.8	570.9	553.9	533.2	510.1
32.5°	702.7	719.4	726.1	717.0	726.1	719.4	702.7	676.0	642.0	608.0	575.4
30°	955.3	1016.3	1057.2	1077.3	1057.2	1016.3	955.3	886.5	784.8	718.6	660.5
27.5°	1707.9	1867.6	1935.2	1972.6	1935.2	1867.6	1707.9	1466.5	1115.8	985.3	810.6
25°	3157.5	3498.4	3694.6	3678.6	3694.6	3498.4	3157.5	2688.2	2140.3	1666.1	1159.5
22.5°	5291.7	5829.5	6152.1	6270.7	6152.1	5829.5	5291.7	4505.6	3659.6	2829.0	2046.4
20°	7937.5	8540.7	8856.0	8903.3	8856.0	8540.7	7937.5	6957.0	5782.3	4423.8	3311.8
17.5°	10974.1	11545.9	11878.3	11874.1	11878.3	11545.9	10974.1	9820.2	8353.8	6607.4	4886.6
15°	15662.1	17875.2	19123.2	18940.9	19123.2	17875.2	15662.1	13097.2	11214.0	9006.2	6659.8
12.5°	25663.5	34502.7	39985.7	41339.7	39985.7	34502.7	25663.5	19170.3	14380.4	11355.3	8540.4
10°	45350.8	58574.9	69135.8	72187.8	69135.8	58574.9	45350.8	30913.0	19590.4	13533.5	10119.9
7.5°	65234.2	80929.0	87388.1	88138.5	87388.1	80929.0	65234.2	45831.8	26778.6	16602.7	11470.4
5°	80242.3	96212.2	98060.7	93417.4	98060.7	96212.2	80242.3	58507.2	35565.3	19733.9	12359.7
2.5°	90148.8	102214.4	103937.5	101438.3	103937.5	102214.4	90148.8	67527.0	40647.7	21836.1	12958.1
0°	92408.1	100618.4	103066.2	103333.7	103066.2	100618.4	92408.1	70741.0	42632.1	22557.0	13118.7
-2.5°	90148.8	102214.4	103937.5	101438.3	103937.5	102214.4	90148.8	67527.0	40647.7	21836.1	12958.1
-5°	80242.3	96212.2	98060.7	93417.4	98060.7	96212.2	80242.3	58507.2	35565.3	19733.9	12359.7
-7.5°	65234.2	80929.0	87388.1	88138.5	87388.1	80929.0	65234.2	45831.8	26778.6	16602.7	11470.4
-10°	45350.8	58574.9	69135.8	72187.8	69135.8	58574.9	45350.8	30913.0	19590.4	13533.5	10119.9
-12.5°	25663.5	34502.7	39985.7	41339.7	39985.7	34502.7	25663.5	19170.3	14380.4	11355.3	8540.4
-15°	15662.1	17875.2	19123.2	18940.9	19123.2	17875.2	15662.1	13097.2	11214.0	9006.2	6659.8
-17.5°	10974.1	11545.9	11878.3	11874.1	11878.3	11545.9	10974.1	9820.2	8353.8	6607.4	4886.6
-20°	7937.5	8540.7	8856.0	8903.3	8856.0	8540.7	7937.5	6957.0	5782.3	4423.8	3311.8



REPORT NUMBER: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	5291.7	5829.5	6152.1	6270.7	6152.1	5829.5	5291.7	4505.6	3659.6	2829.0	2046.4
-25°	3157.5	3498.4	3694.6	3678.6	3694.6	3498.4	3157.5	2688.2	2140.3	1666.1	1159.5
-27.5°	1707.9	1867.6	1935.2	1972.6	1935.2	1867.6	1707.9	1466.5	1115.8	985.3	810.6
-30°	955.3	1016.3	1057.2	1077.3	1057.2	1016.3	955.3	886.5	784.8	718.6	660.5
-32.5°	702.7	719.4	726.1	717.0	726.1	719.4	702.7	676.0	642.0	608.0	575.4
-35°	583.8	592.0	595.4	599.3	595.4	592.0	583.8	570.9	553.9	533.2	510.1
-37.5°	509.1	517.4	521.5	520.3	521.5	517.4	509.1	498.2	486.2	470.1	456.0
-40°	449.9	456.0	459.6	459.6	459.6	456.0	449.9	442.1	434.7	424.9	414.3
-42.5°	402.3	405.5	406.7	406.3	406.7	405.5	402.3	396.8	391.4	384.9	379.6
-45°	362.8	365.4	367.0	367.7	367.0	365.4	362.8	359.1	357.8	357.6	357.5
-47.5°	334.5	335.2	335.9	336.4	335.9	335.2	334.5	333.4	334.2	335.9	336.2
-50°	314.8	313.0	312.3	312.5	312.3	313.0	314.8	315.8	316.6	317.2	316.3
-52.5°	302.9	301.8	301.4	301.5	301.4	301.8	302.9	303.4	303.6	303.3	301.8
-55°	295.8	295.8	295.2	294.1	295.2	295.8	295.8	295.3	294.3	293.1	291.3
-57.5°	288.6	289.8	290.4	290.5	290.4	289.8	288.6	287.2	285.5	283.6	281.1
-60°	278.3	280.1	281.0	281.3	281.0	280.1	278.3	276.1	273.7	270.6	267.0
-62.5°	257.6	258.3	258.9	259.2	258.9	258.3	257.6	256.4	254.7	252.0	248.6
-65°	235.6	236.3	236.1	235.3	236.1	236.3	235.6	234.4	232.7	230.2	226.9
-67.5°	211.7	212.4	212.2	211.4	212.2	212.4	211.7	210.5	208.7	206.1	202.6
-70°	185.5	186.6	187.3	187.5	187.3	186.6	185.5	184.0	182.1	179.7	176.9
-72.5°	158.1	159.1	160.6	161.8	160.6	159.1	158.1	156.7	154.9	152.7	150.1
-75°	129.0	129.9	132.1	134.2	132.1	129.9	129.0	127.8	126.3	124.4	122.3
-77.5°	101.2	102.3	102.8	102.9	102.8	102.3	101.2	99.9	98.4	96.7	95.3
-80°	74.5	75.0	76.2	77.2	76.2	75.0	74.5	73.8	72.9	71.8	70.1
-82.5°	49.1	49.4	49.5	49.6	49.5	49.4	49.1	48.6	48.1	47.3	46.1
-85°	28.6	29.3	28.5	27.6	28.5	29.3	28.6	28.0	27.2	26.5	26.0
-87.5°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.1
-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: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	9.5	8.9	8.3	8.6	8.7	8.9	9.0	8.7	8.4	8.1	7.8
85°	25.5	24.9	24.1	23.5	22.9	22.3	21.6	20.4	19.3	18.2	17.1
82.5°	44.8	43.5	42.1	40.9	39.6	38.3	36.8	35.1	33.1	30.9	28.6
80°	68.1	66.0	63.8	62.1	60.1	57.8	55.3	52.9	50.3	47.9	45.3
77.5°	93.6	91.5	89.0	86.4	83.7	80.8	77.7	74.2	70.6	66.9	63.1
75°	120.0	117.5	114.7	111.6	108.1	104.2	100.0	95.7	91.2	86.4	81.4
72.5°	147.1	143.8	140.2	136.6	132.7	128.5	123.8	118.6	112.9	106.7	100.7
70°	173.7	170.1	166.1	161.7	156.9	151.8	146.7	141.4	135.7	129.2	121.6
67.5°	198.9	194.8	190.6	185.8	180.4	174.6	168.8	162.7	156.3	149.5	141.6
65°	222.9	218.3	213.9	209.0	203.5	197.2	190.8	184.0	176.7	169.0	160.5
62.5°	244.9	241.0	236.4	230.9	225.1	219.1	212.1	204.4	196.5	188.3	179.0
60°	263.2	259.3	254.7	249.7	244.3	238.4	231.1	223.4	215.3	206.2	196.6
57.5°	278.0	274.2	270.1	265.6	260.7	254.7	248.0	240.9	232.4	223.1	213.3
55°	289.1	286.3	283.0	279.1	274.4	268.7	262.7	255.7	247.6	239.1	228.7
52.5°	299.2	296.7	294.0	291.0	286.3	280.8	275.2	268.4	261.2	252.5	243.0
50°	313.9	309.1	304.4	300.3	296.2	291.2	285.2	279.2	272.5	264.4	255.4
47.5°	332.5	324.6	316.9	310.9	305.7	300.2	294.4	288.4	282.1	275.0	266.1
45°	351.8	342.6	332.5	324.1	316.2	309.8	303.5	297.4	291.1	283.9	275.8
42.5°	372.4	362.6	351.3	340.3	329.5	320.8	313.0	306.5	299.5	292.4	284.2
40°	401.2	386.1	374.1	359.7	346.4	333.3	324.6	315.8	308.2	300.2	292.1
37.5°	439.5	421.7	403.1	384.5	367.3	350.7	338.2	327.5	317.2	308.4	299.3
35°	483.7	460.9	437.2	414.1	392.6	372.4	354.5	340.5	328.5	317.5	306.9
32.5°	541.6	508.7	477.4	448.5	419.9	395.2	373.7	355.5	340.8	328.2	315.7
30°	605.2	562.5	521.5	487.6	452.9	421.3	392.8	371.3	354.2	339.6	325.0
27.5°	708.2	626.0	573.5	526.8	487.0	450.3	416.2	385.4	366.6	351.0	335.1
25°	932.0	735.4	639.6	576.8	525.1	478.0	439.1	403.9	377.7	360.7	340.6
22.5°	1360.5	986.0	739.3	630.3	567.3	510.7	462.3	422.7	386.4	365.0	344.3
20°	2209.7	1369.0	947.0	718.8	613.5	542.7	485.7	440.9	400.8	369.9	346.9
17.5°	3357.3	2113.8	1209.6	833.6	675.2	582.7	512.0	457.8	413.7	375.1	348.4
15°	4586.8	2959.5	1759.9	1050.2	740.5	616.5	533.8	473.2	425.7	383.1	352.3
12.5°	5989.4	3844.9	2267.7	1225.8	817.1	654.1	557.8	490.2	437.7	392.6	358.5
10°	7245.5	4739.5	2853.0	1590.4	945.7	691.8	579.9	505.3	448.7	400.5	363.3
7.5°	8269.4	5583.4	3382.7	1862.2	1042.3	721.7	598.6	518.0	457.9	406.2	366.8
5°	8924.0	6206.0	3804.7	2065.6	1109.6	741.7	611.3	527.5	464.7	409.8	369.0
2.5°	9387.8	6618.3	4071.6	2184.2	1145.4	752.4	620.2	533.2	469.9	414.3	372.6
0°	9410.7	6757.9	4162.1	2286.9	1152.7	755.6	626.9	535.0	472.5	417.3	375.0
-2.5°	9387.8	6618.3	4071.6	2184.2	1145.4	752.4	620.2	533.2	469.9	414.3	372.6
-5°	8924.0	6206.0	3804.7	2065.6	1109.6	741.7	611.3	527.5	464.7	409.8	369.0
-7.5°	8269.4	5583.4	3382.7	1862.2	1042.3	721.7	598.6	518.0	457.9	406.2	366.8
-10°	7245.5	4739.5	2853.0	1590.4	945.7	691.8	579.9	505.3	448.7	400.5	363.3
-12.5°	5989.4	3844.9	2267.7	1225.8	817.1	654.1	557.8	490.2	437.7	392.6	358.5
-15°	4586.8	2959.5	1759.9	1050.2	740.5	616.5	533.8	473.2	425.7	383.1	352.3
-17.5°	3357.3	2113.8	1209.6	833.6	675.2	582.7	512.0	457.8	413.7	375.1	348.4
-20°	2209.7	1369.0	947.0	718.8	613.5	542.7	485.7	440.9	400.8	369.9	346.9



REPORT NUMBER: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1360.5	986.0	739.3	630.3	567.3	510.7	462.3	422.7	386.4	365.0	344.3
-25°	932.0	735.4	639.6	576.8	525.1	478.0	439.1	403.9	377.7	360.7	340.6
-27.5°	708.2	626.0	573.5	526.8	487.0	450.3	416.2	385.4	366.6	351.0	335.1
-30°	605.2	562.5	521.5	487.6	452.9	421.3	392.8	371.3	354.2	339.6	325.0
-32.5°	541.6	508.7	477.4	448.5	419.9	395.2	373.7	355.5	340.8	328.2	315.7
-35°	483.7	460.9	437.2	414.1	392.6	372.4	354.5	340.5	328.5	317.5	306.9
-37.5°	439.5	421.7	403.1	384.5	367.3	350.7	338.2	327.5	317.2	308.4	299.3
-40°	401.2	386.1	374.1	359.7	346.4	333.3	324.6	315.8	308.2	300.2	292.1
-42.5°	372.4	362.6	351.3	340.3	329.5	320.8	313.0	306.5	299.5	292.4	284.2
-45°	351.8	342.6	332.5	324.1	316.2	309.8	303.5	297.4	291.1	283.9	275.8
-47.5°	332.5	324.6	316.9	310.9	305.7	300.2	294.4	288.4	282.1	275.0	266.1
-50°	313.9	309.1	304.4	300.3	296.2	291.2	285.2	279.2	272.5	264.4	255.4
-52.5°	299.2	296.7	294.0	291.0	286.3	280.8	275.2	268.4	261.2	252.5	243.0
-55°	289.1	286.3	283.0	279.1	274.4	268.7	262.7	255.7	247.6	239.1	228.7
-57.5°	278.0	274.2	270.1	265.6	260.7	254.7	248.0	240.9	232.4	223.1	213.3
-60°	263.2	259.3	254.7	249.7	244.3	238.4	231.1	223.4	215.3	206.2	196.6
-62.5°	244.9	241.0	236.4	230.9	225.1	219.1	212.1	204.4	196.5	188.3	179.0
-65°	222.9	218.3	213.9	209.0	203.5	197.2	190.8	184.0	176.7	169.0	160.5
-67.5°	198.9	194.8	190.6	185.8	180.4	174.6	168.8	162.7	156.3	149.5	141.6
-70°	173.7	170.1	166.1	161.7	156.9	151.8	146.7	141.4	135.7	129.2	121.6
-72.5°	147.1	143.8	140.2	136.6	132.7	128.5	123.8	118.6	112.9	106.7	100.7
-75°	120.0	117.5	114.7	111.6	108.1	104.2	100.0	95.7	91.2	86.4	81.4
-77.5°	93.6	91.5	89.0	86.4	83.7	80.8	77.7	74.2	70.6	66.9	63.1
-80°	68.1	66.0	63.8	62.1	60.1	57.8	55.3	52.9	50.3	47.9	45.3
-82.5°	44.8	43.5	42.1	40.9	39.6	38.3	36.8	35.1	33.1	30.9	28.6
-85°	25.5	24.9	24.1	23.5	22.9	22.3	21.6	20.4	19.3	18.2	17.1
-87.5°	9.5	8.9	8.3	8.6	8.7	8.9	9.0	8.7	8.4	8.1	7.8
-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: P558943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
85°	16.3	15.5	14.5	13.4	12.3	11.0	10.1	9.3	8.4	7.5	6.6
82.5°	26.8	25.5	24.3	22.9	21.4	19.7	17.9	15.9	13.6	11.4	9.9
80°	42.5	39.6	36.8	34.0	31.2	28.4	26.1	23.5	20.4	17.3	14.4
77.5°	59.0	54.7	50.3	46.4	42.6	38.8	35.1	31.3	27.1	23.2	19.4
75°	76.2	71.0	65.8	60.3	54.7	49.1	44.4	39.7	34.5	29.1	24.3
72.5°	94.8	88.5	81.8	74.7	68.2	61.4	54.6	48.0	42.2	36.0	29.5
70°	113.9	106.5	99.0	90.7	82.1	73.8	66.0	58.0	49.8	42.9	35.7
67.5°	133.1	124.2	115.5	106.4	96.7	87.0	77.4	68.3	59.1	49.8	41.8
65°	151.4	141.7	131.4	121.2	110.7	100.0	89.2	78.6	68.3	58.0	47.9
62.5°	169.3	159.1	147.8	135.9	124.3	112.7	100.8	89.2	77.4	66.0	54.6
60°	186.6	175.6	163.7	150.8	137.8	125.0	112.3	99.6	86.7	73.8	61.4
57.5°	202.6	191.5	178.6	165.1	151.2	137.2	123.5	109.8	95.9	81.9	68.2
55°	218.0	206.0	192.8	178.7	164.0	149.0	134.5	119.8	104.9	89.8	74.7
52.5°	232.2	219.7	206.1	191.7	176.3	160.6	145.4	129.5	113.6	97.6	81.5
50°	245.0	232.5	218.5	203.7	188.2	172.0	156.0	139.2	122.1	105.1	88.1
47.5°	256.2	243.9	230.1	215.1	199.0	182.9	166.1	148.7	130.3	112.4	94.6
45°	265.9	254.5	240.8	225.5	209.8	193.1	175.6	158.0	138.7	119.5	100.9
42.5°	274.9	263.8	250.6	235.6	219.8	202.9	184.7	166.3	146.8	126.4	106.9
40°	282.7	272.2	259.8	245.1	229.5	212.5	193.4	174.1	154.6	133.0	112.6
37.5°	290.0	279.7	267.6	254.6	238.8	221.1	201.9	181.4	161.7	139.6	118.1
35°	296.7	286.2	275.6	262.8	247.3	229.5	210.0	188.5	167.8	145.7	123.2
32.5°	303.4	292.5	281.8	269.9	255.6	237.6	217.5	195.3	173.6	151.5	128.1
30°	310.9	298.0	287.4	276.4	263.0	244.8	224.2	201.5	179.0	156.8	132.7
27.5°	317.0	302.6	292.3	281.5	268.6	251.7	230.0	207.1	184.1	161.6	137.1
25°	322.0	307.1	296.0	285.8	273.7	257.1	235.4	212.1	188.7	165.7	141.0
22.5°	325.9	310.8	298.9	289.7	278.4	262.1	240.0	216.5	192.9	169.4	144.6
20°	328.1	313.5	301.1	293.0	282.4	265.7	244.0	220.3	196.5	172.8	147.9
17.5°	328.8	315.5	303.8	295.2	285.4	269.3	247.5	223.8	199.6	175.8	150.7
15°	331.9	317.4	305.9	297.0	288.0	272.9	250.5	226.7	202.2	178.4	153.1
12.5°	335.2	318.8	307.2	298.5	290.1	276.3	253.0	229.1	204.3	180.6	155.2
10°	338.0	319.8	307.9	299.6	291.7	279.5	254.9	231.0	206.4	182.4	156.9
7.5°	340.3	320.3	308.0	300.5	293.0	282.0	256.7	232.5	208.3	183.9	158.2
5°	342.0	320.5	307.9	301.1	294.2	283.6	258.1	233.4	209.8	184.9	159.1
2.5°	343.3	320.4	307.6	301.4	295.2	284.6	258.9	233.7	210.8	185.5	159.7
0°	343.8	319.9	307.0	301.5	296.0	284.9	259.2	233.5	211.4	185.7	159.9
-2.5°	343.3	320.4	307.6	301.4	295.2	284.6	258.9	233.7	210.8	185.5	159.7
-5°	342.0	320.5	307.9	301.1	294.2	283.6	258.1	233.4	209.8	184.9	159.1
-7.5°	340.3	320.3	308.0	300.5	293.0	282.0	256.7	232.5	208.3	183.9	158.2
-10°	338.0	319.8	307.9	299.6	291.7	279.5	254.9	231.0	206.4	182.4	156.9
-12.5°	335.2	318.8	307.2	298.5	290.1	276.3	253.0	229.1	204.3	180.6	155.2
-15°	331.9	317.4	305.9	297.0	288.0	272.9	250.5	226.7	202.2	178.4	153.1
-17.5°	328.8	315.5	303.8	295.2	285.4	269.3	247.5	223.8	199.6	175.8	150.7
-20°	328.1	313.5	301.1	293.0	282.4	265.7	244.0	220.3	196.5	172.8	147.9



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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°	325.9	310.8	298.9	289.7	278.4	262.1	240.0	216.5	192.9	169.4	144.6
-25°	322.0	307.1	296.0	285.8	273.7	257.1	235.4	212.1	188.7	165.7	141.0
-27.5°	317.0	302.6	292.3	281.5	268.6	251.7	230.0	207.1	184.1	161.6	137.1
-30°	310.9	298.0	287.4	276.4	263.0	244.8	224.2	201.5	179.0	156.8	132.7
-32.5°	303.4	292.5	281.8	269.9	255.6	237.6	217.5	195.3	173.6	151.5	128.1
-35°	296.7	286.2	275.6	262.8	247.3	229.5	210.0	188.5	167.8	145.7	123.2
-37.5°	290.0	279.7	267.6	254.6	238.8	221.1	201.9	181.4	161.7	139.6	118.1
-40°	282.7	272.2	259.8	245.1	229.5	212.5	193.4	174.1	154.6	133.0	112.6
-42.5°	274.9	263.8	250.6	235.6	219.8	202.9	184.7	166.3	146.8	126.4	106.9
-45°	265.9	254.5	240.8	225.5	209.8	193.1	175.6	158.0	138.7	119.5	100.9
-47.5°	256.2	243.9	230.1	215.1	199.0	182.9	166.1	148.7	130.3	112.4	94.6
-50°	245.0	232.5	218.5	203.7	188.2	172.0	156.0	139.2	122.1	105.1	88.1
-52.5°	232.2	219.7	206.1	191.7	176.3	160.6	145.4	129.5	113.6	97.6	81.5
-55°	218.0	206.0	192.8	178.7	164.0	149.0	134.5	119.8	104.9	89.8	74.7
-57.5°	202.6	191.5	178.6	165.1	151.2	137.2	123.5	109.8	95.9	81.9	68.2
-60°	186.6	175.6	163.7	150.8	137.8	125.0	112.3	99.6	86.7	73.8	61.4
-62.5°	169.3	159.1	147.8	135.9	124.3	112.7	100.8	89.2	77.4	66.0	54.6
-65°	151.4	141.7	131.4	121.2	110.7	100.0	89.2	78.6	68.3	58.0	47.9
-67.5°	133.1	124.2	115.5	106.4	96.7	87.0	77.4	68.3	59.1	49.8	41.8
-70°	113.9	106.5	99.0	90.7	82.1	73.8	66.0	58.0	49.8	42.9	35.7
-72.5°	94.8	88.5	81.8	74.7	68.2	61.4	54.6	48.0	42.2	36.0	29.5
-75°	76.2	71.0	65.8	60.3	54.7	49.1	44.4	39.7	34.5	29.1	24.3
-77.5°	59.0	54.7	50.3	46.4	42.6	38.8	35.1	31.3	27.1	23.2	19.4
-80°	42.5	39.6	36.8	34.0	31.2	28.4	26.1	23.5	20.4	17.3	14.4
-82.5°	26.8	25.5	24.3	22.9	21.4	19.7	17.9	15.9	13.6	11.4	9.9
-85°	16.3	15.5	14.5	13.4	12.3	11.0	10.1	9.3	8.4	7.5	6.6
-87.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
-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):

	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°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
80°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
77.5°	15.7	12.3	9.5	7.1	4.8	2.4	0.0
75°	20.0	15.9	11.5	8.5	5.7	2.8	0.0
72.5°	24.1	19.5	14.5	9.9	6.6	3.3	0.0
70°	28.4	23.0	17.4	11.4	7.5	3.8	0.0
67.5°	33.8	26.5	20.2	13.6	8.4	4.2	0.0
65°	39.0	30.4	23.1	15.8	9.3	4.6	0.0
62.5°	44.1	34.6	25.9	17.9	10.1	5.1	0.0
60°	49.0	38.7	28.6	20.0	11.0	5.5	0.0
57.5°	54.7	42.6	31.7	22.1	12.4	5.9	0.0
55°	60.3	46.5	34.8	24.1	13.7	6.3	0.0
52.5°	65.8	50.3	37.7	26.0	15.0	6.7	0.0
50°	71.0	54.7	40.6	27.9	16.2	7.1	0.0
47.5°	76.2	59.0	43.3	29.8	17.4	7.4	0.0
45°	81.6	63.1	45.9	31.7	18.6	7.8	0.0
42.5°	86.8	67.0	48.4	33.6	19.7	8.1	0.0
40°	91.8	70.7	51.1	35.4	20.8	8.4	0.0
37.5°	96.5	74.2	53.9	37.0	21.8	8.7	0.0
35°	101.1	77.9	56.6	38.6	22.7	9.0	0.0
32.5°	105.4	81.4	59.1	40.1	23.6	9.3	0.0
30°	109.3	84.8	61.5	41.4	24.5	9.5	0.0
27.5°	112.9	87.9	63.7	42.7	25.2	9.8	0.0
25°	116.3	90.8	65.8	43.9	25.9	10.0	0.0
22.5°	119.4	93.5	67.8	45.0	26.6	10.2	0.0
20°	122.2	95.9	69.5	45.9	27.2	10.3	0.0
17.5°	124.6	98.0	71.2	46.8	27.7	10.5	0.0
15°	126.6	99.8	72.6	47.5	28.1	10.6	0.0
12.5°	128.4	101.4	73.8	48.2	28.5	10.7	0.0
10°	129.8	102.6	74.9	48.7	28.8	10.8	0.0
7.5°	131.0	103.6	75.8	49.1	29.1	10.9	0.0
5°	131.8	104.3	76.5	49.4	29.3	11.0	0.0
2.5°	132.2	104.7	76.9	49.5	29.4	11.0	0.0
0°	132.4	104.8	77.2	49.6	29.4	11.0	0.0
-2.5°	132.2	104.7	76.9	49.5	29.4	11.0	0.0
-5°	131.8	104.3	76.5	49.4	29.3	11.0	0.0
-7.5°	131.0	103.6	75.8	49.1	29.1	10.9	0.0
-10°	129.8	102.6	74.9	48.7	28.8	10.8	0.0
-12.5°	128.4	101.4	73.8	48.2	28.5	10.7	0.0
-15°	126.6	99.8	72.6	47.5	28.1	10.6	0.0
-17.5°	124.6	98.0	71.2	46.8	27.7	10.5	0.0
-20°	122.2	95.9	69.5	45.9	27.2	10.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.4	93.5	67.8	45.0	26.6	10.2	0.0
-25°	116.3	90.8	65.8	43.9	25.9	10.0	0.0
-27.5°	112.9	87.9	63.7	42.7	25.2	9.8	0.0
-30°	109.3	84.8	61.5	41.4	24.5	9.5	0.0
-32.5°	105.4	81.4	59.1	40.1	23.6	9.3	0.0
-35°	101.1	77.9	56.6	38.6	22.7	9.0	0.0
-37.5°	96.5	74.2	53.9	37.0	21.8	8.7	0.0
-40°	91.8	70.7	51.1	35.4	20.8	8.4	0.0
-42.5°	86.8	67.0	48.4	33.6	19.7	8.1	0.0
-45°	81.6	63.1	45.9	31.7	18.6	7.8	0.0
-47.5°	76.2	59.0	43.3	29.8	17.4	7.4	0.0
-50°	71.0	54.7	40.6	27.9	16.2	7.1	0.0
-52.5°	65.8	50.3	37.7	26.0	15.0	6.7	0.0
-55°	60.3	46.5	34.8	24.1	13.7	6.3	0.0
-57.5°	54.7	42.6	31.7	22.1	12.4	5.9	0.0
-60°	49.0	38.7	28.6	20.0	11.0	5.5	0.0
-62.5°	44.1	34.6	25.9	17.9	10.1	5.1	0.0
-65°	39.0	30.4	23.1	15.8	9.3	4.6	0.0
-67.5°	33.8	26.5	20.2	13.6	8.4	4.2	0.0
-70°	28.4	23.0	17.4	11.4	7.5	3.8	0.0
-72.5°	24.1	19.5	14.5	9.9	6.6	3.3	0.0
-75°	20.0	15.9	11.5	8.5	5.7	2.8	0.0
-77.5°	15.7	12.3	9.5	7.1	4.8	2.4	0.0
-80°	11.5	9.5	7.6	5.7	3.8	1.9	0.0
-82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-87.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)