

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: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558967 (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-940-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

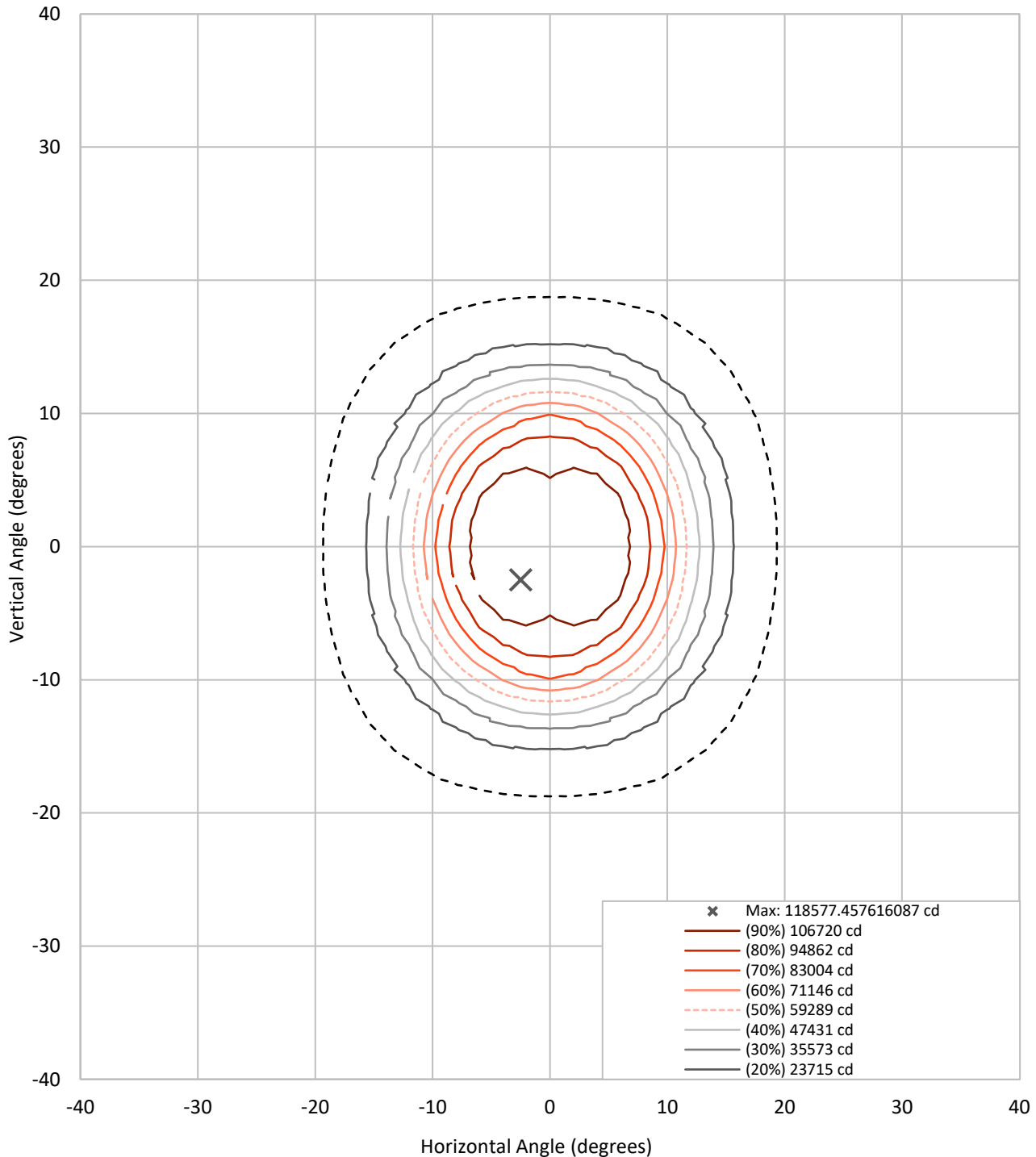
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22422.9 lumens	Max Intensity:	118577.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	12105.4 lumens	Field Lumens:	18255.5 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





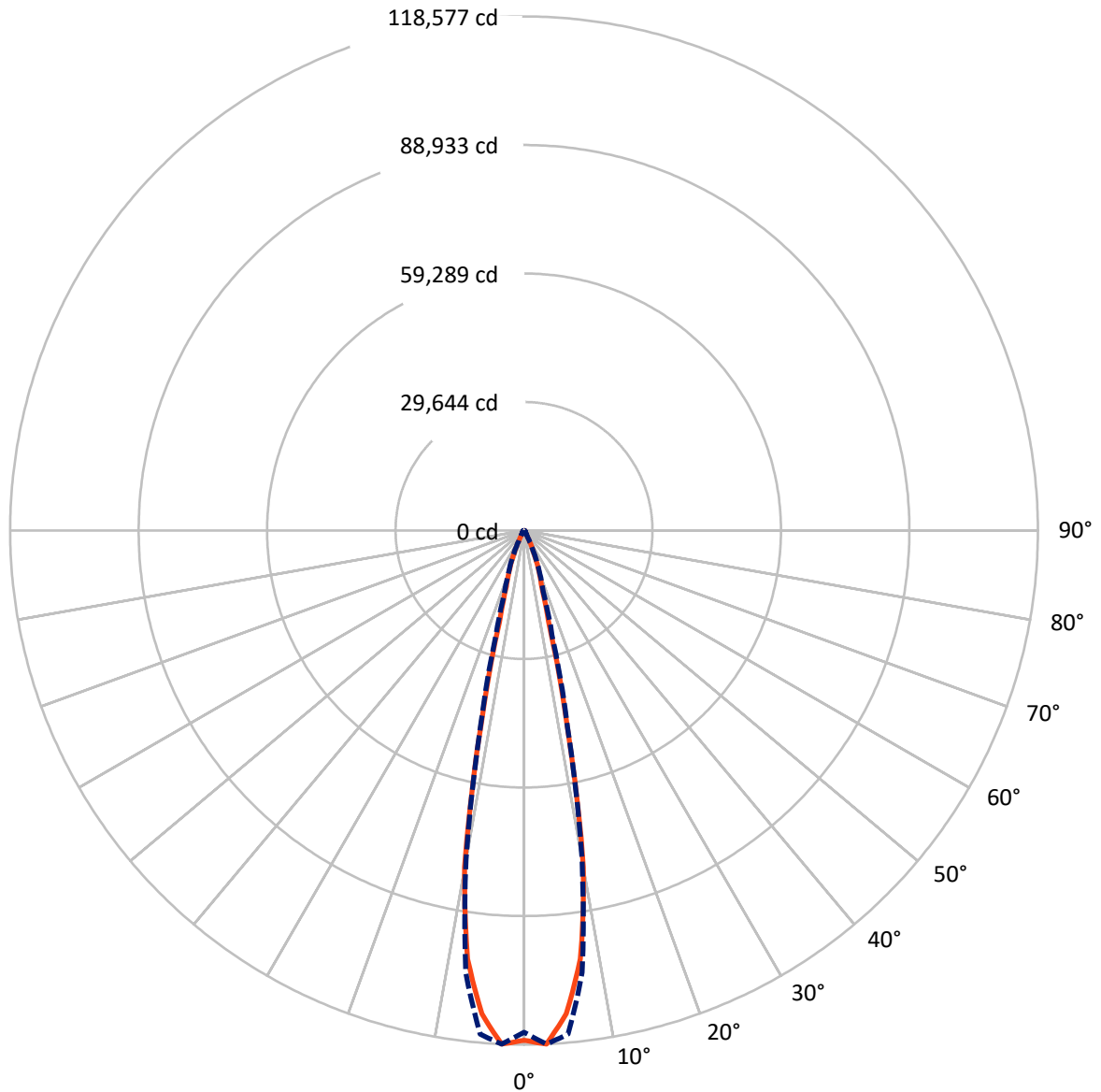
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Lumen Table

90	0.3	2.3		6.0		9.6		11.2		9.6		6.0		2.3		0.3			
80	0.3	2.3		6.0		9.6		11.2		9.6		6.0		2.3		0.3			
70	1.0	1.2	2.4	3.9	5.4	6.7	7.6	8.1	8.1	7.6	6.7	5.4	3.9	2.4	1.2	1.0			
60		1.8	3.6	5.6	7.4	8.9	9.8	10.2	10.2	9.8	8.9	7.4	5.6	3.6	1.8				
50	1.9	2.3	4.5	6.7	8.7	10.6	12.1	12.9	12.9	12.1	10.6	8.7	6.7	4.5	2.3	1.9			
40		2.8	5.2	7.6	10.2	13.9	18.3	22.0	22.0	18.3	13.9	10.2	7.6	5.2	2.8				
30	2.5	3.1	5.7	8.4	12.7	22.9	68.9	134.2	134.2	68.9	22.9	12.7	8.4	5.7	3.1	2.5			
20		3.4	5.9	8.9	15.8	68.0	313.9	807.2	807.2	313.9	68.0	15.8	8.9	5.9	3.4				
10	2.7	3.5	6.0	9.3	18.9	132.5	817.5	2888.0	2888.0	817.5	132.5	18.9	9.3	6.0	3.5	2.7			
0		3.5	6.0	9.3	18.9	132.5	817.5	2888.0	2888.0	817.5	132.5	18.9	9.3	6.0	3.5				
-10	2.5	3.4	5.9	8.9	15.8	68.0	313.9	807.2	807.2	313.9	68.0	15.8	8.9	5.9	3.4	2.5			
-20		3.1	5.7	8.4	12.7	22.9	68.9	134.2	134.2	68.9	22.9	12.7	8.4	5.7	3.1				
-30	1.9	2.8	5.2	7.6	10.2	13.9	18.3	22.0	22.0	18.3	13.9	10.2	7.6	5.2	2.8	1.9			
-40		2.3	4.5	6.7	8.7	10.6	12.1	12.9	12.9	12.1	10.6	8.7	6.7	4.5	2.3				
-50	1.0	1.8	3.6	5.6	7.4	8.9	9.8	10.2	10.2	9.8	8.9	7.4	5.6	3.6	1.8	1.0			
-60		1.2	2.4	3.9	5.4	6.7	7.6	8.1	8.1	7.6	6.7	5.4	3.9	2.4	1.2				
-70	0.3	2.3		6.0		9.6		11.2		9.6		6.0		2.3		0.3			
-80		2.3		6.0		9.6		11.2		9.6		6.0		2.3					
-90	0.3	2.3		6.0		9.6		11.2		9.6		6.0		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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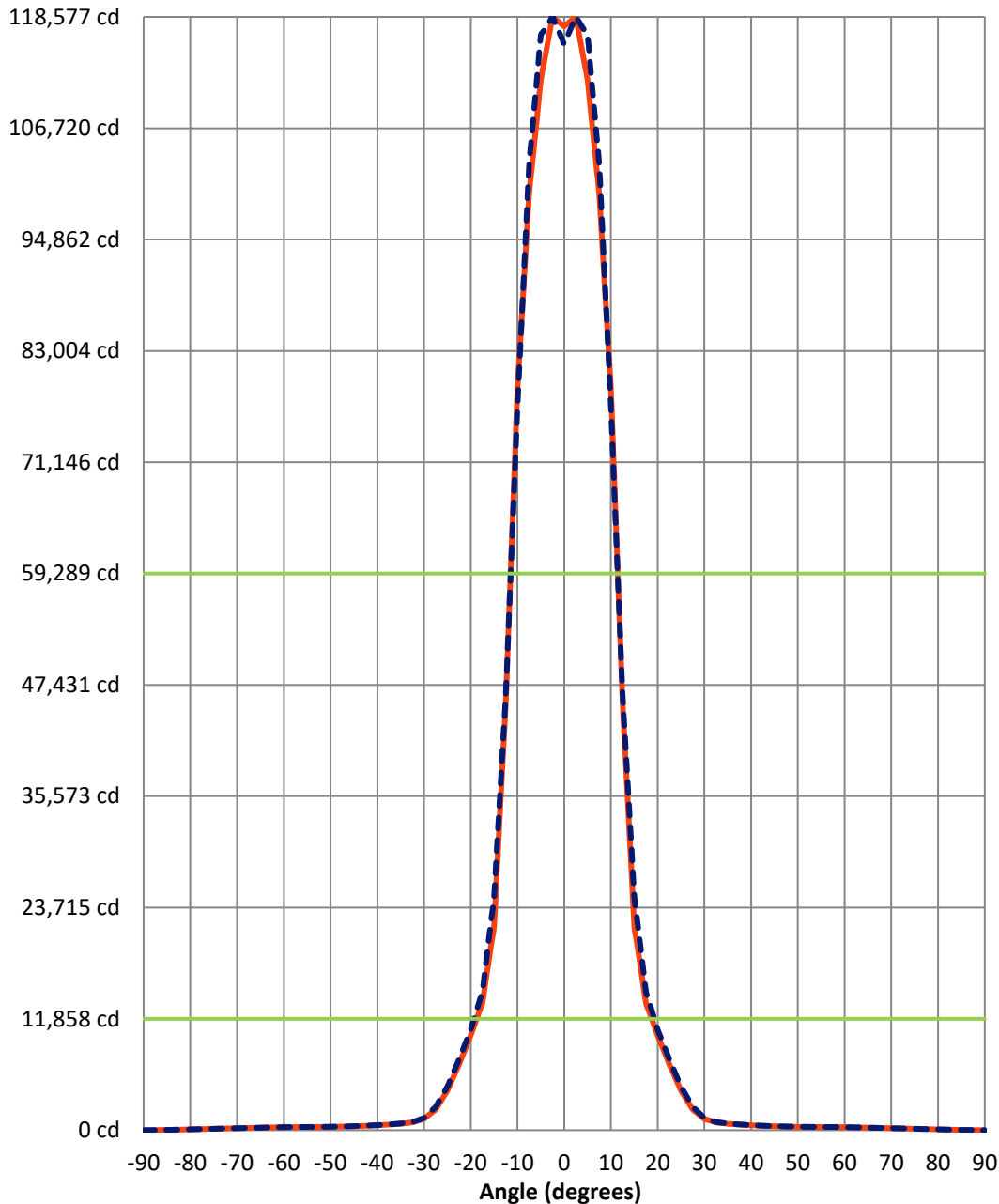
Luminous Intensity Polar Plot



— 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: 12105.4
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 18255.5
Efficiency: 81.4%

Spill:
Lumens: 4167.4
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	26.9
77.5°	0.0	2.7	5.4	8.2	10.9	14.0	18.0	22.1	26.5	30.9	35.8
75°	0.0	3.3	6.5	9.8	13.2	18.2	22.8	27.8	33.2	39.4	45.3
72.5°	0.0	3.8	7.6	11.3	16.6	22.2	27.6	33.7	41.1	48.1	54.8
70°	0.0	4.3	8.6	13.1	19.9	26.3	32.5	40.8	49.0	56.8	66.1
67.5°	0.0	4.8	9.6	15.6	23.1	30.3	38.5	47.7	56.8	67.4	77.9
65°	0.0	5.3	10.6	18.1	26.4	34.7	44.5	54.6	66.1	77.9	89.6
62.5°	0.0	5.8	11.6	20.5	29.5	39.5	50.3	62.3	75.3	88.2	101.8
60°	0.0	6.3	12.6	22.9	32.7	44.1	56.0	70.1	84.2	99.0	113.7
57.5°	0.0	6.8	14.1	25.2	36.2	48.7	62.4	77.7	93.4	109.5	125.3
55°	0.0	7.2	15.7	27.5	39.7	53.0	68.8	85.2	102.5	119.8	136.7
52.5°	0.0	7.7	17.1	29.7	43.1	57.4	75.0	92.9	111.4	129.7	147.7
50°	0.0	8.1	18.6	31.9	46.3	62.4	81.0	100.6	120.0	139.4	158.9
47.5°	0.0	8.5	20.0	34.0	49.4	67.3	86.9	108.0	128.3	148.7	169.7
45°	0.0	8.9	21.3	36.3	52.4	71.9	93.1	115.1	136.4	158.2	180.3
42.5°	0.0	9.3	22.5	38.4	55.2	76.4	99.0	122.0	144.2	167.5	189.8
40°	0.0	9.7	23.8	40.4	58.3	80.6	104.7	128.5	151.8	176.4	198.6
37.5°	0.0	10.0	24.9	42.3	61.5	84.7	110.1	134.7	159.3	184.5	207.0
35°	0.0	10.3	26.0	44.1	64.6	88.8	115.4	140.6	166.3	191.5	215.0
32.5°	0.0	10.6	27.0	45.7	67.4	92.9	120.2	146.1	172.9	198.1	222.8
30°	0.0	10.9	28.0	47.3	70.1	96.7	124.7	151.4	179.0	204.2	229.8
27.5°	0.0	11.2	28.8	48.8	72.7	100.2	128.8	156.4	184.4	210.0	236.2
25°	0.0	11.4	29.7	50.1	75.1	103.6	132.6	160.9	189.0	215.2	241.9
22.5°	0.0	11.6	30.4	51.3	77.3	106.6	136.1	165.0	193.3	220.0	246.9
20°	0.0	11.8	31.1	52.4	79.3	109.3	139.3	168.7	197.1	224.1	251.4
17.5°	0.0	12.0	31.7	53.4	81.2	111.7	142.1	172.0	200.5	227.6	255.3
15°	0.0	12.2	32.2	54.2	82.8	113.8	144.4	174.8	203.5	230.6	258.6
12.5°	0.0	12.3	32.6	55.0	84.3	115.6	146.4	177.1	206.0	233.0	261.4
10°	0.0	12.4	33.0	55.5	85.5	117.0	148.1	179.0	208.1	235.5	263.6
7.5°	0.0	12.5	33.2	56.0	86.5	118.1	149.3	180.6	209.7	237.6	265.3
5°	0.0	12.6	33.4	56.3	87.3	118.9	150.3	181.6	210.9	239.3	266.3
2.5°	0.0	12.6	33.6	56.5	87.8	119.3	150.8	182.3	211.6	240.5	266.6
0°	0.0	12.6	33.6	56.6	88.1	119.5	151.0	182.5	211.8	241.2	266.4
-2.5°	0.0	12.6	33.6	56.6	88.1	119.5	151.0	182.5	211.8	241.2	266.4
-5°	0.0	12.6	33.4	56.3	87.3	118.9	150.3	181.6	210.9	239.3	266.3
-7.5°	0.0	12.5	33.2	56.0	86.5	118.1	149.3	180.6	209.7	237.6	265.3
-10°	0.0	12.4	33.0	55.5	85.5	117.0	148.1	179.0	208.1	235.5	263.6
-12.5°	0.0	12.3	32.6	55.0	84.3	115.6	146.4	177.1	206.0	233.0	261.4
-15°	0.0	12.2	32.2	54.2	82.8	113.8	144.4	174.8	203.5	230.6	258.6
-17.5°	0.0	12.0	31.7	53.4	81.2	111.7	142.1	172.0	200.5	227.6	255.3
-20°	0.0	11.8	31.1	52.4	79.3	109.3	139.3	168.7	197.1	224.1	251.4



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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	30.4	51.3	77.3	106.6	136.1	165.0	193.3	220.0	246.9
-25°	0.0	11.4	29.7	50.1	75.1	103.6	132.6	160.9	189.0	215.2	241.9
-27.5°	0.0	11.2	28.8	48.8	72.7	100.2	128.8	156.4	184.4	210.0	236.2
-30°	0.0	10.9	28.0	47.3	70.1	96.7	124.7	151.4	179.0	204.2	229.8
-32.5°	0.0	10.6	27.0	45.7	67.4	92.9	120.2	146.1	172.9	198.1	222.8
-35°	0.0	10.3	26.0	44.1	64.6	88.8	115.4	140.6	166.3	191.5	215.0
-37.5°	0.0	10.0	24.9	42.3	61.5	84.7	110.1	134.7	159.3	184.5	207.0
-40°	0.0	9.7	23.8	40.4	58.3	80.6	104.7	128.5	151.8	176.4	198.6
-42.5°	0.0	9.3	22.5	38.4	55.2	76.4	99.0	122.0	144.2	167.5	189.8
-45°	0.0	8.9	21.3	36.3	52.4	71.9	93.1	115.1	136.4	158.2	180.3
-47.5°	0.0	8.5	20.0	34.0	49.4	67.3	86.9	108.0	128.3	148.7	169.7
-50°	0.0	8.1	18.6	31.9	46.3	62.4	81.0	100.6	120.0	139.4	158.9
-52.5°	0.0	7.7	17.1	29.7	43.1	57.4	75.0	92.9	111.4	129.7	147.7
-55°	0.0	7.2	15.7	27.5	39.7	53.0	68.8	85.2	102.5	119.8	136.7
-57.5°	0.0	6.8	14.1	25.2	36.2	48.7	62.4	77.7	93.4	109.5	125.3
-60°	0.0	6.3	12.6	22.9	32.7	44.1	56.0	70.1	84.2	99.0	113.7
-62.5°	0.0	5.8	11.6	20.5	29.5	39.5	50.3	62.3	75.3	88.2	101.8
-65°	0.0	5.3	10.6	18.1	26.4	34.7	44.5	54.6	66.1	77.9	89.6
-67.5°	0.0	4.8	9.6	15.6	23.1	30.3	38.5	47.7	56.8	67.4	77.9
-70°	0.0	4.3	8.6	13.1	19.9	26.3	32.5	40.8	49.0	56.8	66.1
-72.5°	0.0	3.8	7.6	11.3	16.6	22.2	27.6	33.7	41.1	48.1	54.8
-75°	0.0	3.3	6.5	9.8	13.2	18.2	22.8	27.8	33.2	39.4	45.3
-77.5°	0.0	2.7	5.4	8.2	10.9	14.0	18.0	22.1	26.5	30.9	35.8
-80°	0.0	2.2	4.4	6.5	8.7	10.9	13.2	16.4	19.8	23.3	26.9
-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°	20.4	22.5	24.5	26.2	27.8	29.2	30.6	32.7	35.4	37.8	40.0
80°	29.9	32.5	35.6	38.8	42.0	45.2	48.5	51.8	54.6	57.4	60.3
77.5°	40.1	44.3	48.6	52.9	57.4	62.4	67.3	71.9	76.3	80.5	84.6
75°	50.7	56.0	62.4	68.8	75.0	81.0	86.9	92.9	98.6	104.1	109.3
72.5°	62.3	70.1	77.7	85.2	93.3	101.0	108.2	114.9	121.9	128.9	135.4
70°	75.3	84.2	93.7	103.4	112.9	121.5	130.0	138.7	147.4	154.8	161.3
67.5°	88.3	99.2	110.3	121.3	131.7	141.7	151.9	161.6	170.5	178.3	185.7
65°	101.8	114.2	126.4	138.2	149.8	161.6	172.7	183.2	192.8	201.6	209.9
62.5°	115.1	128.6	141.9	155.1	168.6	181.5	193.1	204.2	214.8	224.2	233.2
60°	128.2	142.7	157.3	172.1	186.8	200.3	212.8	224.3	235.2	245.6	254.9
57.5°	140.9	156.5	172.5	188.4	203.7	218.4	231.1	243.4	254.5	265.1	274.8
55°	153.5	170.0	187.1	203.9	219.9	235.0	248.7	261.0	272.9	282.5	291.7
52.5°	165.9	183.2	201.2	218.6	235.1	250.7	264.9	277.3	288.0	297.9	306.1
50°	178.1	196.2	214.6	232.4	249.3	265.2	279.5	291.4	301.7	310.8	318.5
47.5°	189.5	208.6	227.0	245.4	262.6	278.3	292.3	303.5	313.6	321.8	329.0
45°	200.3	220.3	239.3	257.4	274.8	290.3	303.3	314.6	323.8	332.1	339.3
42.5°	210.6	231.5	250.8	268.8	285.9	300.9	313.6	324.2	333.6	341.7	349.7
40°	220.6	242.4	261.9	279.6	296.3	310.5	322.4	333.2	342.5	351.6	360.3
37.5°	230.2	252.3	272.5	290.4	305.2	319.0	330.8	341.4	351.9	361.9	373.6
35°	239.5	261.9	282.2	299.8	314.4	326.5	338.5	350.2	362.2	374.8	388.5
32.5°	248.1	271.1	291.6	307.9	321.5	333.7	346.2	360.1	374.4	388.9	405.6
30°	255.7	279.3	300.0	315.3	327.9	340.0	354.7	370.7	387.5	404.2	423.6
27.5°	262.4	287.1	306.4	321.1	333.5	345.2	361.6	382.3	400.5	418.3	439.7
25°	268.5	293.3	312.3	326.1	337.8	350.3	367.2	388.6	411.6	430.9	460.8
22.5°	273.9	298.9	317.7	330.6	341.0	354.5	371.8	392.8	416.4	440.8	482.3
20°	278.4	303.1	322.3	334.3	343.6	357.6	374.3	395.8	422.0	457.2	503.1
17.5°	282.4	307.3	325.7	336.8	346.6	359.9	375.1	397.5	428.0	472.0	522.3
15°	285.8	311.4	328.6	338.8	349.0	362.1	378.6	402.0	437.1	485.7	539.9
12.5°	288.6	315.3	331.0	340.5	350.5	363.7	382.4	409.0	447.9	499.3	559.3
10°	290.8	318.9	332.9	341.9	351.3	364.8	385.6	414.5	456.9	511.9	576.5
7.5°	292.9	321.8	334.4	342.8	351.5	365.4	388.2	418.5	463.5	522.4	590.9
5°	294.4	323.6	335.7	343.5	351.4	365.6	390.2	421.0	467.6	530.2	601.7
2.5°	295.4	324.7	336.9	343.9	351.0	365.5	391.7	425.1	472.7	536.1	608.2
0°	295.7	325.1	337.7	344.0	350.3	364.9	392.2	427.9	476.1	539.0	610.3
-2.5°	295.4	324.7	336.9	343.9	351.0	365.5	391.7	425.1	472.7	536.1	608.2
-5°	294.4	323.6	335.7	343.5	351.4	365.6	390.2	421.0	467.6	530.2	601.7
-7.5°	292.9	321.8	334.4	342.8	351.5	365.4	388.2	418.5	463.5	522.4	590.9
-10°	290.8	318.9	332.9	341.9	351.3	364.8	385.6	414.5	456.9	511.9	576.5
-12.5°	288.6	315.3	331.0	340.5	350.5	363.7	382.4	409.0	447.9	499.3	559.3
-15°	285.8	311.4	328.6	338.8	349.0	362.1	378.6	402.0	437.1	485.7	539.9
-17.5°	282.4	307.3	325.7	336.8	346.6	359.9	375.1	397.5	428.0	472.0	522.3
-20°	278.4	303.1	322.3	334.3	343.6	357.6	374.3	395.8	422.0	457.2	503.1



REPORT NUMBER: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	273.9	298.9	317.7	330.6	341.0	354.5	371.8	392.8	416.4	440.8	482.3
-25°	268.5	293.3	312.3	326.1	337.8	350.3	367.2	388.6	411.6	430.9	460.8
-27.5°	262.4	287.1	306.4	321.1	333.5	345.2	361.6	382.3	400.5	418.3	439.7
-30°	255.7	279.3	300.0	315.3	327.9	340.0	354.7	370.7	387.5	404.2	423.6
-32.5°	248.1	271.1	291.6	307.9	321.5	333.7	346.2	360.1	374.4	388.9	405.6
-35°	239.5	261.9	282.2	299.8	314.4	326.5	338.5	350.2	362.2	374.8	388.5
-37.5°	230.2	252.3	272.5	290.4	305.2	319.0	330.8	341.4	351.9	361.9	373.6
-40°	220.6	242.4	261.9	279.6	296.3	310.5	322.4	333.2	342.5	351.6	360.3
-42.5°	210.6	231.5	250.8	268.8	285.9	300.9	313.6	324.2	333.6	341.7	349.7
-45°	200.3	220.3	239.3	257.4	274.8	290.3	303.3	314.6	323.8	332.1	339.3
-47.5°	189.5	208.6	227.0	245.4	262.6	278.3	292.3	303.5	313.6	321.8	329.0
-50°	178.1	196.2	214.6	232.4	249.3	265.2	279.5	291.4	301.7	310.8	318.5
-52.5°	165.9	183.2	201.2	218.6	235.1	250.7	264.9	277.3	288.0	297.9	306.1
-55°	153.5	170.0	187.1	203.9	219.9	235.0	248.7	261.0	272.9	282.5	291.7
-57.5°	140.9	156.5	172.5	188.4	203.7	218.4	231.1	243.4	254.5	265.1	274.8
-60°	128.2	142.7	157.3	172.1	186.8	200.3	212.8	224.3	235.2	245.6	254.9
-62.5°	115.1	128.6	141.9	155.1	168.6	181.5	193.1	204.2	214.8	224.2	233.2
-65°	101.8	114.2	126.4	138.2	149.8	161.6	172.7	183.2	192.8	201.6	209.9
-67.5°	88.3	99.2	110.3	121.3	131.7	141.7	151.9	161.6	170.5	178.3	185.7
-70°	75.3	84.2	93.7	103.4	112.9	121.5	130.0	138.7	147.4	154.8	161.3
-72.5°	62.3	70.1	77.7	85.2	93.3	101.0	108.2	114.9	121.9	128.9	135.4
-75°	50.7	56.0	62.4	68.8	75.0	81.0	86.9	92.9	98.6	104.1	109.3
-77.5°	40.1	44.3	48.6	52.9	57.4	62.4	67.3	71.9	76.3	80.5	84.6
-80°	29.9	32.5	35.6	38.8	42.0	45.2	48.5	51.8	54.6	57.4	60.3
-82.5°	20.4	22.5	24.5	26.2	27.8	29.2	30.6	32.7	35.4	37.8	40.0
-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: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	24.6	25.4	26.1	26.9	27.6	28.4	29.1	29.7	30.2	31.1	31.9
82.5°	42.0	43.6	45.2	46.7	48.0	49.6	51.1	52.6	54.0	54.8	55.5
80°	63.1	65.9	68.5	70.8	72.8	75.3	77.7	79.9	81.9	83.2	84.2
77.5°	88.7	92.2	95.5	98.6	101.6	104.4	106.8	108.8	110.4	112.3	114.1
75°	114.2	118.9	123.4	127.4	131.0	134.1	137.0	139.6	141.9	144.1	145.9
72.5°	141.3	146.6	151.4	155.8	160.0	164.1	167.9	171.3	174.2	176.8	178.8
70°	167.4	173.2	179.0	184.5	189.5	194.1	198.2	201.8	205.0	207.7	209.9
67.5°	192.6	199.2	205.8	211.9	217.4	222.2	226.9	231.2	235.1	238.1	240.1
65°	217.6	225.0	232.1	238.4	244.0	249.0	254.3	258.8	262.7	265.5	267.4
62.5°	242.0	250.0	256.9	263.4	269.7	275.0	279.4	283.6	287.4	290.5	292.5
60°	263.7	272.1	278.8	284.9	290.6	295.8	300.2	304.6	308.7	312.3	315.0
57.5°	282.9	290.6	297.4	303.0	308.1	312.8	317.1	320.7	323.6	325.7	327.6
55°	299.7	306.5	313.0	318.4	322.9	326.7	329.9	332.4	334.4	335.8	336.9
52.5°	313.9	320.3	326.6	332.0	335.4	338.5	341.3	344.4	346.1	346.4	346.2
50°	325.4	332.2	337.9	342.6	347.3	352.6	358.1	360.8	361.9	361.2	360.3
47.5°	335.9	342.5	348.7	354.6	361.4	370.3	379.3	383.5	383.2	381.3	380.4
45°	346.3	353.4	360.7	369.7	379.4	390.8	401.3	407.9	407.9	408.2	409.7
42.5°	357.0	365.9	375.9	388.2	400.8	413.7	424.8	433.0	439.1	446.6	452.8
40°	370.2	380.2	395.2	410.4	426.7	440.4	457.7	472.6	484.8	495.9	504.4
37.5°	385.8	400.1	419.1	438.7	459.8	481.2	501.4	520.3	536.4	554.7	568.4
35°	404.5	424.9	447.9	472.4	498.8	525.9	551.9	581.9	608.4	632.0	651.3
32.5°	426.3	450.9	479.1	511.7	544.7	580.4	617.8	656.5	693.7	732.4	771.2
30°	448.2	480.7	516.7	556.2	595.0	641.7	690.4	753.6	819.8	895.3	1011.4
27.5°	474.9	513.7	555.6	601.1	654.3	714.1	807.9	924.8	1124.1	1273.0	1673.1
25°	501.0	545.2	599.1	658.1	729.6	839.0	1063.3	1322.8	1900.8	2441.9	3066.9
22.5°	527.4	582.6	647.2	719.1	843.5	1124.9	1552.2	2334.7	3227.4	4175.1	5140.3
20°	554.1	619.1	699.9	820.1	1080.4	1561.9	2521.0	3778.3	5047.0	6596.7	7936.9
17.5°	584.1	664.7	770.4	951.1	1380.0	2411.6	3830.3	5574.9	7538.1	9530.4	11203.3
15°	608.9	703.3	844.8	1198.1	2007.8	3376.4	5232.9	7597.9	10274.8	12793.5	14942.0
12.5°	636.3	746.2	932.3	1398.4	2587.0	4386.4	6833.0	9743.4	12954.7	16406.0	21870.5
10°	661.6	789.3	1078.9	1814.4	3254.8	5407.0	8266.0	11545.2	15439.8	22349.8	35267.2
7.5°	682.9	823.4	1189.2	2124.5	3859.2	6369.9	9434.2	13086.0	18941.2	30550.4	52287.4
5°	697.4	846.1	1265.8	2356.6	4340.6	7080.2	10181.0	14100.6	22513.5	40574.8	66748.2
2.5°	707.6	858.4	1306.7	2491.9	4645.1	7550.4	10710.1	14783.3	24911.9	46373.1	77038.5
0°	715.2	862.0	1315.0	2609.1	4748.3	7709.8	10736.2	14966.5	25734.2	48637.0	80705.1
-2.5°	707.6	858.4	1306.7	2491.9	4645.1	7550.4	10710.1	14783.3	24911.9	46373.1	77038.5
-5°	697.4	846.1	1265.8	2356.6	4340.6	7080.2	10181.0	14100.6	22513.5	40574.8	66748.2
-7.5°	682.9	823.4	1189.2	2124.5	3859.2	6369.9	9434.2	13086.0	18941.2	30550.4	52287.4
-10°	661.6	789.3	1078.9	1814.4	3254.8	5407.0	8266.0	11545.2	15439.8	22349.8	35267.2
-12.5°	636.3	746.2	932.3	1398.4	2587.0	4386.4	6833.0	9743.4	12954.7	16406.0	21870.5
-15°	608.9	703.3	844.8	1198.1	2007.8	3376.4	5232.9	7597.9	10274.8	12793.5	14942.0
-17.5°	584.1	664.7	770.4	951.1	1380.0	2411.6	3830.3	5574.9	7538.1	9530.4	11203.3
-20°	554.1	619.1	699.9	820.1	1080.4	1561.9	2521.0	3778.3	5047.0	6596.7	7936.9



REPORT NUMBER: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	527.4	582.6	647.2	719.1	843.5	1124.9	1552.2	2334.7	3227.4	4175.1	5140.3
-25°	501.0	545.2	599.1	658.1	729.6	839.0	1063.3	1322.8	1900.8	2441.9	3066.9
-27.5°	474.9	513.7	555.6	601.1	654.3	714.1	807.9	924.8	1124.1	1273.0	1673.1
-30°	448.2	480.7	516.7	556.2	595.0	641.7	690.4	753.6	819.8	895.3	1011.4
-32.5°	426.3	450.9	479.1	511.7	544.7	580.4	617.8	656.5	693.7	732.4	771.2
-35°	404.5	424.9	447.9	472.4	498.8	525.9	551.9	581.9	608.4	632.0	651.3
-37.5°	385.8	400.1	419.1	438.7	459.8	481.2	501.4	520.3	536.4	554.7	568.4
-40°	370.2	380.2	395.2	410.4	426.7	440.4	457.7	472.6	484.8	495.9	504.4
-42.5°	357.0	365.9	375.9	388.2	400.8	413.7	424.8	433.0	439.1	446.6	452.8
-45°	346.3	353.4	360.7	369.7	379.4	390.8	401.3	407.9	407.9	408.2	409.7
-47.5°	335.9	342.5	348.7	354.6	361.4	370.3	379.3	383.5	383.2	381.3	380.4
-50°	325.4	332.2	337.9	342.6	347.3	352.6	358.1	360.8	361.9	361.2	360.3
-52.5°	313.9	320.3	326.6	332.0	335.4	338.5	341.3	344.4	346.1	346.4	346.2
-55°	299.7	306.5	313.0	318.4	322.9	326.7	329.9	332.4	334.4	335.8	336.9
-57.5°	282.9	290.6	297.4	303.0	308.1	312.8	317.1	320.7	323.6	325.7	327.6
-60°	263.7	272.1	278.8	284.9	290.6	295.8	300.2	304.6	308.7	312.3	315.0
-62.5°	242.0	250.0	256.9	263.4	269.7	275.0	279.4	283.6	287.4	290.5	292.5
-65°	217.6	225.0	232.1	238.4	244.0	249.0	254.3	258.8	262.7	265.5	267.4
-67.5°	192.6	199.2	205.8	211.9	217.4	222.2	226.9	231.2	235.1	238.1	240.1
-70°	167.4	173.2	179.0	184.5	189.5	194.1	198.2	201.8	205.0	207.7	209.9
-72.5°	141.3	146.6	151.4	155.8	160.0	164.1	167.9	171.3	174.2	176.8	178.8
-75°	114.2	118.9	123.4	127.4	131.0	134.1	137.0	139.6	141.9	144.1	145.9
-77.5°	88.7	92.2	95.5	98.6	101.6	104.4	106.8	108.8	110.4	112.3	114.1
-80°	63.1	65.9	68.5	70.8	72.8	75.3	77.7	79.9	81.9	83.2	84.2
-82.5°	42.0	43.6	45.2	46.7	48.0	49.6	51.1	52.6	54.0	54.8	55.5
-85°	24.6	25.4	26.1	26.9	27.6	28.4	29.1	29.7	30.2	31.1	31.9
-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: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	32.7	33.4	32.5	31.5	32.5	33.4	32.7	31.9	31.1	30.2	29.7
82.5°	56.0	56.3	56.5	56.6	56.5	56.3	56.0	55.5	54.8	54.0	52.6
80°	85.0	85.5	86.9	88.1	86.9	85.5	85.0	84.2	83.2	81.9	79.9
77.5°	115.6	116.9	117.4	117.5	117.4	116.9	115.6	114.1	112.3	110.4	108.8
75°	147.2	148.2	150.7	153.1	150.7	148.2	147.2	145.9	144.1	141.9	139.6
72.5°	180.4	181.6	183.3	184.6	183.3	181.6	180.4	178.8	176.8	174.2	171.3
70°	211.7	212.9	213.7	213.9	213.7	212.9	211.7	209.9	207.7	205.0	201.8
67.5°	241.5	242.3	242.1	241.2	242.1	242.3	241.5	240.1	238.1	235.1	231.2
65°	268.8	269.6	269.4	268.5	269.4	269.6	268.8	267.4	265.5	262.7	258.8
62.5°	293.9	294.7	295.4	295.7	295.4	294.7	293.9	292.5	290.5	287.4	283.6
60°	317.5	319.5	320.6	320.9	320.6	319.5	317.5	315.0	312.3	308.7	304.6
57.5°	329.3	330.6	331.3	331.4	331.3	330.6	329.3	327.6	325.7	323.6	320.7
55°	337.5	337.5	336.8	335.6	336.8	337.5	337.5	336.9	335.8	334.4	332.4
52.5°	345.6	344.4	343.9	344.0	343.9	344.4	345.6	346.2	346.4	346.1	344.4
50°	359.1	357.1	356.3	356.5	356.3	357.1	359.1	360.3	361.2	361.9	360.8
47.5°	381.6	382.5	383.3	383.8	383.3	382.5	381.6	380.4	381.3	383.2	383.5
45°	413.9	416.9	418.7	419.5	418.7	416.9	413.9	409.7	408.2	407.9	407.9
42.5°	459.0	462.6	464.0	463.5	464.0	462.6	459.0	452.8	446.6	439.1	433.0
40°	513.2	520.3	524.4	524.3	524.4	520.3	513.2	504.4	495.9	484.8	472.6
37.5°	580.7	590.2	594.9	593.5	594.9	590.2	580.7	568.4	554.7	536.4	520.3
35°	666.0	675.3	679.2	683.7	679.2	675.3	666.0	651.3	632.0	608.4	581.9
32.5°	801.7	820.7	828.3	818.0	828.3	820.7	801.7	771.2	732.4	693.7	656.5
30°	1089.9	1159.5	1206.1	1229.0	1206.1	1159.5	1089.9	1011.4	895.3	819.8	753.6
27.5°	1948.5	2130.7	2207.8	2250.4	2207.8	2130.7	1948.5	1673.1	1273.0	1124.1	924.8
25°	3602.2	3991.2	4215.0	4196.7	4215.0	3991.2	3602.2	3066.9	2441.9	1900.8	1322.8
22.5°	6037.1	6650.6	7018.7	7154.0	7018.7	6650.6	6037.1	5140.3	4175.1	3227.4	2334.7
20°	9055.6	9743.7	10103.5	10157.3	10103.5	9743.7	9055.6	7936.9	6596.7	5047.0	3778.3
17.5°	12519.9	13172.2	13551.4	13546.6	13551.4	13172.2	12519.9	11203.3	9530.4	7538.1	5574.9
15°	17868.2	20393.1	21816.7	21608.7	21816.7	20393.1	17868.2	14942.0	12793.5	10274.8	7597.9
12.5°	29278.3	39362.5	45617.8	47162.6	45617.8	39362.5	29278.3	21870.5	16406.0	12954.7	9743.4
10°	51738.6	66825.3	78873.9	82355.7	78873.9	66825.3	51738.6	35267.2	22349.8	15439.8	11545.2
7.5°	74422.7	92328.2	99697.1	100553.2	99697.1	92328.2	74422.7	52287.4	30550.4	18941.2	13086.0
5°	91544.6	109764.1	111872.9	106575.6	111872.9	109764.1	91544.6	66748.2	40574.8	22513.5	14100.6
2.5°	102846.6	116611.6	118577.5	115726.3	118577.5	116611.6	102846.6	77038.5	46373.1	24911.9	14783.3
0°	105424.2	114790.8	117583.4	117888.6	117583.4	114790.8	105424.2	80705.1	48637.0	25734.2	14966.5
-2.5°	102846.6	116611.6	118577.5	115726.3	118577.5	116611.6	102846.6	77038.5	46373.1	24911.9	14783.3
-5°	91544.6	109764.1	111872.9	106575.6	111872.9	109764.1	91544.6	66748.2	40574.8	22513.5	14100.6
-7.5°	74422.7	92328.2	99697.1	100553.2	99697.1	92328.2	74422.7	52287.4	30550.4	18941.2	13086.0
-10°	51738.6	66825.3	78873.9	82355.7	78873.9	66825.3	51738.6	35267.2	22349.8	15439.8	11545.2
-12.5°	29278.3	39362.5	45617.8	47162.6	45617.8	39362.5	29278.3	21870.5	16406.0	12954.7	9743.4
-15°	17868.2	20393.1	21816.7	21608.7	21816.7	20393.1	17868.2	14942.0	12793.5	10274.8	7597.9
-17.5°	12519.9	13172.2	13551.4	13546.6	13551.4	13172.2	12519.9	11203.3	9530.4	7538.1	5574.9
-20°	9055.6	9743.7	10103.5	10157.3	10103.5	9743.7	9055.6	7936.9	6596.7	5047.0	3778.3



REPORT NUMBER: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6037.1	6650.6	7018.7	7154.0	7018.7	6650.6	6037.1	5140.3	4175.1	3227.4	2334.7
-25°	3602.2	3991.2	4215.0	4196.7	4215.0	3991.2	3602.2	3066.9	2441.9	1900.8	1322.8
-27.5°	1948.5	2130.7	2207.8	2250.4	2207.8	2130.7	1948.5	1673.1	1273.0	1124.1	924.8
-30°	1089.9	1159.5	1206.1	1229.0	1206.1	1159.5	1089.9	1011.4	895.3	819.8	753.6
-32.5°	801.7	820.7	828.3	818.0	828.3	820.7	801.7	771.2	732.4	693.7	656.5
-35°	666.0	675.3	679.2	683.7	679.2	675.3	666.0	651.3	632.0	608.4	581.9
-37.5°	580.7	590.2	594.9	593.5	594.9	590.2	580.7	568.4	554.7	536.4	520.3
-40°	513.2	520.3	524.4	524.3	524.4	520.3	513.2	504.4	495.9	484.8	472.6
-42.5°	459.0	462.6	464.0	463.5	464.0	462.6	459.0	452.8	446.6	439.1	433.0
-45°	413.9	416.9	418.7	419.5	418.7	416.9	413.9	409.7	408.2	407.9	407.9
-47.5°	381.6	382.5	383.3	383.8	383.3	382.5	381.6	380.4	381.3	383.2	383.5
-50°	359.1	357.1	356.3	356.5	356.3	357.1	359.1	360.3	361.2	361.9	360.8
-52.5°	345.6	344.4	343.9	344.0	343.9	344.4	345.6	346.2	346.4	346.1	344.4
-55°	337.5	337.5	336.8	335.6	336.8	337.5	337.5	336.9	335.8	334.4	332.4
-57.5°	329.3	330.6	331.3	331.4	331.3	330.6	329.3	327.6	325.7	323.6	320.7
-60°	317.5	319.5	320.6	320.9	320.6	319.5	317.5	315.0	312.3	308.7	304.6
-62.5°	293.9	294.7	295.4	295.7	295.4	294.7	293.9	292.5	290.5	287.4	283.6
-65°	268.8	269.6	269.4	268.5	269.4	269.6	268.8	267.4	265.5	262.7	258.8
-67.5°	241.5	242.3	242.1	241.2	242.1	242.3	241.5	240.1	238.1	235.1	231.2
-70°	211.7	212.9	213.7	213.9	213.7	212.9	211.7	209.9	207.7	205.0	201.8
-72.5°	180.4	181.6	183.3	184.6	183.3	181.6	180.4	178.8	176.8	174.2	171.3
-75°	147.2	148.2	150.7	153.1	150.7	148.2	147.2	145.9	144.1	141.9	139.6
-77.5°	115.6	116.9	117.4	117.5	117.4	116.9	115.6	114.1	112.3	110.4	108.8
-80°	85.0	85.5	86.9	88.1	86.9	85.5	85.0	84.2	83.2	81.9	79.9
-82.5°	56.0	56.3	56.5	56.6	56.5	56.3	56.0	55.5	54.8	54.0	52.6
-85°	32.7	33.4	32.5	31.5	32.5	33.4	32.7	31.9	31.1	30.2	29.7
-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: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	29.1	28.4	27.6	26.9	26.1	25.4	24.6	23.4	22.1	20.8	19.6
82.5°	51.1	49.6	48.0	46.7	45.2	43.6	42.0	40.0	37.8	35.4	32.7
80°	77.7	75.3	72.8	70.8	68.5	65.9	63.1	60.3	57.4	54.6	51.8
77.5°	106.8	104.4	101.6	98.6	95.5	92.2	88.7	84.6	80.5	76.3	71.9
75°	137.0	134.1	131.0	127.4	123.4	118.9	114.2	109.3	104.1	98.6	92.9
72.5°	167.9	164.1	160.0	155.8	151.4	146.6	141.3	135.4	128.9	121.9	114.9
70°	198.2	194.1	189.5	184.5	179.0	173.2	167.4	161.3	154.8	147.4	138.7
67.5°	226.9	222.2	217.4	211.9	205.8	199.2	192.6	185.7	178.3	170.5	161.6
65°	254.3	249.0	244.0	238.4	232.1	225.0	217.6	209.9	201.6	192.8	183.2
62.5°	279.4	275.0	269.7	263.4	256.9	250.0	242.0	233.2	224.2	214.8	204.2
60°	300.2	295.8	290.6	284.9	278.8	272.1	263.7	254.9	245.6	235.2	224.3
57.5°	317.1	312.8	308.1	303.0	297.4	290.6	282.9	274.8	265.1	254.5	243.4
55°	329.9	326.7	322.9	318.4	313.0	306.5	299.7	291.7	282.5	272.9	261.0
52.5°	341.3	338.5	335.4	332.0	326.6	320.3	313.9	306.1	297.9	288.0	277.3
50°	358.1	352.6	347.3	342.6	337.9	332.2	325.4	318.5	310.8	301.7	291.4
47.5°	379.3	370.3	361.4	354.6	348.7	342.5	335.9	329.0	321.8	313.6	303.5
45°	401.3	390.8	379.4	369.7	360.7	353.4	346.3	339.3	332.1	323.8	314.6
42.5°	424.8	413.7	400.8	388.2	375.9	365.9	357.0	349.7	341.7	333.6	324.2
40°	457.7	440.4	426.7	410.4	395.2	380.2	370.2	360.3	351.6	342.5	333.2
37.5°	501.4	481.2	459.8	438.7	419.1	400.1	385.8	373.6	361.9	351.9	341.4
35°	551.9	525.9	498.8	472.4	447.9	424.9	404.5	388.5	374.8	362.2	350.2
32.5°	617.8	580.4	544.7	511.7	479.1	450.9	426.3	405.6	388.9	374.4	360.1
30°	690.4	641.7	595.0	556.2	516.7	480.7	448.2	423.6	404.2	387.5	370.7
27.5°	807.9	714.1	654.3	601.1	555.6	513.7	474.9	439.7	418.3	400.5	382.3
25°	1063.3	839.0	729.6	658.1	599.1	545.2	501.0	460.8	430.9	411.6	388.6
22.5°	1552.2	1124.9	843.5	719.1	647.2	582.6	527.4	482.3	440.8	416.4	392.8
20°	2521.0	1561.9	1080.4	820.1	699.9	619.1	554.1	503.1	457.2	422.0	395.8
17.5°	3830.3	2411.6	1380.0	951.1	770.4	664.7	584.1	522.3	472.0	428.0	397.5
15°	5232.9	3376.4	2007.8	1198.1	844.8	703.3	608.9	539.9	485.7	437.1	402.0
12.5°	6833.0	4386.4	2587.0	1398.4	932.3	746.2	636.3	559.3	499.3	447.9	409.0
10°	8266.0	5407.0	3254.8	1814.4	1078.9	789.3	661.6	576.5	511.9	456.9	414.5
7.5°	9434.2	6369.9	3859.2	2124.5	1189.2	823.4	682.9	590.9	522.4	463.5	418.5
5°	10181.0	7080.2	4340.6	2356.6	1265.8	846.1	697.4	601.7	530.2	467.6	421.0
2.5°	10710.1	7550.4	4645.1	2491.9	1306.7	858.4	707.6	608.2	536.1	472.7	425.1
0°	10736.2	7709.8	4748.3	2609.1	1315.0	862.0	715.2	610.3	539.0	476.1	427.9
-2.5°	10710.1	7550.4	4645.1	2491.9	1306.7	858.4	707.6	608.2	536.1	472.7	425.1
-5°	10181.0	7080.2	4340.6	2356.6	1265.8	846.1	697.4	601.7	530.2	467.6	421.0
-7.5°	9434.2	6369.9	3859.2	2124.5	1189.2	823.4	682.9	590.9	522.4	463.5	418.5
-10°	8266.0	5407.0	3254.8	1814.4	1078.9	789.3	661.6	576.5	511.9	456.9	414.5
-12.5°	6833.0	4386.4	2587.0	1398.4	932.3	746.2	636.3	559.3	499.3	447.9	409.0
-15°	5232.9	3376.4	2007.8	1198.1	844.8	703.3	608.9	539.9	485.7	437.1	402.0
-17.5°	3830.3	2411.6	1380.0	951.1	770.4	664.7	584.1	522.3	472.0	428.0	397.5
-20°	2521.0	1561.9	1080.4	820.1	699.9	619.1	554.1	503.1	457.2	422.0	395.8



REPORT NUMBER: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1552.2	1124.9	843.5	719.1	647.2	582.6	527.4	482.3	440.8	416.4	392.8
-25°	1063.3	839.0	729.6	658.1	599.1	545.2	501.0	460.8	430.9	411.6	388.6
-27.5°	807.9	714.1	654.3	601.1	555.6	513.7	474.9	439.7	418.3	400.5	382.3
-30°	690.4	641.7	595.0	556.2	516.7	480.7	448.2	423.6	404.2	387.5	370.7
-32.5°	617.8	580.4	544.7	511.7	479.1	450.9	426.3	405.6	388.9	374.4	360.1
-35°	551.9	525.9	498.8	472.4	447.9	424.9	404.5	388.5	374.8	362.2	350.2
-37.5°	501.4	481.2	459.8	438.7	419.1	400.1	385.8	373.6	361.9	351.9	341.4
-40°	457.7	440.4	426.7	410.4	395.2	380.2	370.2	360.3	351.6	342.5	333.2
-42.5°	424.8	413.7	400.8	388.2	375.9	365.9	357.0	349.7	341.7	333.6	324.2
-45°	401.3	390.8	379.4	369.7	360.7	353.4	346.3	339.3	332.1	323.8	314.6
-47.5°	379.3	370.3	361.4	354.6	348.7	342.5	335.9	329.0	321.8	313.6	303.5
-50°	358.1	352.6	347.3	342.6	337.9	332.2	325.4	318.5	310.8	301.7	291.4
-52.5°	341.3	338.5	335.4	332.0	326.6	320.3	313.9	306.1	297.9	288.0	277.3
-55°	329.9	326.7	322.9	318.4	313.0	306.5	299.7	291.7	282.5	272.9	261.0
-57.5°	317.1	312.8	308.1	303.0	297.4	290.6	282.9	274.8	265.1	254.5	243.4
-60°	300.2	295.8	290.6	284.9	278.8	272.1	263.7	254.9	245.6	235.2	224.3
-62.5°	279.4	275.0	269.7	263.4	256.9	250.0	242.0	233.2	224.2	214.8	204.2
-65°	254.3	249.0	244.0	238.4	232.1	225.0	217.6	209.9	201.6	192.8	183.2
-67.5°	226.9	222.2	217.4	211.9	205.8	199.2	192.6	185.7	178.3	170.5	161.6
-70°	198.2	194.1	189.5	184.5	179.0	173.2	167.4	161.3	154.8	147.4	138.7
-72.5°	167.9	164.1	160.0	155.8	151.4	146.6	141.3	135.4	128.9	121.9	114.9
-75°	137.0	134.1	131.0	127.4	123.4	118.9	114.2	109.3	104.1	98.6	92.9
-77.5°	106.8	104.4	101.6	98.6	95.5	92.2	88.7	84.6	80.5	76.3	71.9
-80°	77.7	75.3	72.8	70.8	68.5	65.9	63.1	60.3	57.4	54.6	51.8
-82.5°	51.1	49.6	48.0	46.7	45.2	43.6	42.0	40.0	37.8	35.4	32.7
-85°	29.1	28.4	27.6	26.9	26.1	25.4	24.6	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: P558967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	30.6	29.2	27.8	26.2	24.5	22.5	20.4	18.2	15.6	13.1	11.3
80°	48.5	45.2	42.0	38.8	35.6	32.5	29.9	26.9	23.3	19.8	16.4
77.5°	67.3	62.4	57.4	52.9	48.6	44.3	40.1	35.8	30.9	26.5	22.1
75°	86.9	81.0	75.0	68.8	62.4	56.0	50.7	45.3	39.4	33.2	27.8
72.5°	108.2	101.0	93.3	85.2	77.7	70.1	62.3	54.8	48.1	41.1	33.7
70°	130.0	121.5	112.9	103.4	93.7	84.2	75.3	66.1	56.8	49.0	40.8
67.5°	151.9	141.7	131.7	121.3	110.3	99.2	88.3	77.9	67.4	56.8	47.7
65°	172.7	161.6	149.8	138.2	126.4	114.2	101.8	89.6	77.9	66.1	54.6
62.5°	193.1	181.5	168.6	155.1	141.9	128.6	115.1	101.8	88.2	75.3	62.3
60°	212.8	200.3	186.8	172.1	157.3	142.7	128.2	113.7	99.0	84.2	70.1
57.5°	231.1	218.4	203.7	188.4	172.5	156.5	140.9	125.3	109.5	93.4	77.7
55°	248.7	235.0	219.9	203.9	187.1	170.0	153.5	136.7	119.8	102.5	85.2
52.5°	264.9	250.7	235.1	218.6	201.2	183.2	165.9	147.7	129.7	111.4	92.9
50°	279.5	265.2	249.3	232.4	214.6	196.2	178.1	158.9	139.4	120.0	100.6
47.5°	292.3	278.3	262.6	245.4	227.0	208.6	189.5	169.7	148.7	128.3	108.0
45°	303.3	290.3	274.8	257.4	239.3	220.3	200.3	180.3	158.2	136.4	115.1
42.5°	313.6	300.9	285.9	268.8	250.8	231.5	210.6	189.8	167.5	144.2	122.0
40°	322.4	310.5	296.3	279.6	261.9	242.4	220.6	198.6	176.4	151.8	128.5
37.5°	330.8	319.0	305.2	290.4	272.5	252.3	230.2	207.0	184.5	159.3	134.7
35°	338.5	326.5	314.4	299.8	282.2	261.9	239.5	215.0	191.5	166.3	140.6
32.5°	346.2	333.7	321.5	307.9	291.6	271.1	248.1	222.8	198.1	172.9	146.1
30°	354.7	340.0	327.9	315.3	300.0	279.3	255.7	229.8	204.2	179.0	151.4
27.5°	361.6	345.2	333.5	321.1	306.4	287.1	262.4	236.2	210.0	184.4	156.4
25°	367.2	350.3	337.8	326.1	312.3	293.3	268.5	241.9	215.2	189.0	160.9
22.5°	371.8	354.5	341.0	330.6	317.7	298.9	273.9	246.9	220.0	193.3	165.0
20°	374.3	357.6	343.6	334.3	322.3	303.1	278.4	251.4	224.1	197.1	168.7
17.5°	375.1	359.9	346.6	336.8	325.7	307.3	282.4	255.3	227.6	200.5	172.0
15°	378.6	362.1	349.0	338.8	328.6	311.4	285.8	258.6	230.6	203.5	174.8
12.5°	382.4	363.7	350.5	340.5	331.0	315.3	288.6	261.4	233.0	206.0	177.1
10°	385.6	364.8	351.3	341.9	332.9	318.9	290.8	263.6	235.5	208.1	179.0
7.5°	388.2	365.4	351.5	342.8	334.4	321.8	292.9	265.3	237.6	209.7	180.6
5°	390.2	365.6	351.4	343.5	335.7	323.6	294.4	266.3	239.3	210.9	181.6
2.5°	391.7	365.5	351.0	343.9	336.9	324.7	295.4	266.6	240.5	211.6	182.3
0°	392.2	364.9	350.3	344.0	337.7	325.1	295.7	266.4	241.2	211.8	182.5
-2.5°	391.7	365.5	351.0	343.9	336.9	324.7	295.4	266.6	240.5	211.6	182.3
-5°	390.2	365.6	351.4	343.5	335.7	323.6	294.4	266.3	239.3	210.9	181.6
-7.5°	388.2	365.4	351.5	342.8	334.4	321.8	292.9	265.3	237.6	209.7	180.6
-10°	385.6	364.8	351.3	341.9	332.9	318.9	290.8	263.6	235.5	208.1	179.0
-12.5°	382.4	363.7	350.5	340.5	331.0	315.3	288.6	261.4	233.0	206.0	177.1
-15°	378.6	362.1	349.0	338.8	328.6	311.4	285.8	258.6	230.6	203.5	174.8
-17.5°	375.1	359.9	346.6	336.8	325.7	307.3	282.4	255.3	227.6	200.5	172.0
-20°	374.3	357.6	343.6	334.3	322.3	303.1	278.4	251.4	224.1	197.1	168.7



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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°	371.8	354.5	341.0	330.6	317.7	298.9	273.9	246.9	220.0	193.3	165.0
-25°	367.2	350.3	337.8	326.1	312.3	293.3	268.5	241.9	215.2	189.0	160.9
-27.5°	361.6	345.2	333.5	321.1	306.4	287.1	262.4	236.2	210.0	184.4	156.4
-30°	354.7	340.0	327.9	315.3	300.0	279.3	255.7	229.8	204.2	179.0	151.4
-32.5°	346.2	333.7	321.5	307.9	291.6	271.1	248.1	222.8	198.1	172.9	146.1
-35°	338.5	326.5	314.4	299.8	282.2	261.9	239.5	215.0	191.5	166.3	140.6
-37.5°	330.8	319.0	305.2	290.4	272.5	252.3	230.2	207.0	184.5	159.3	134.7
-40°	322.4	310.5	296.3	279.6	261.9	242.4	220.6	198.6	176.4	151.8	128.5
-42.5°	313.6	300.9	285.9	268.8	250.8	231.5	210.6	189.8	167.5	144.2	122.0
-45°	303.3	290.3	274.8	257.4	239.3	220.3	200.3	180.3	158.2	136.4	115.1
-47.5°	292.3	278.3	262.6	245.4	227.0	208.6	189.5	169.7	148.7	128.3	108.0
-50°	279.5	265.2	249.3	232.4	214.6	196.2	178.1	158.9	139.4	120.0	100.6
-52.5°	264.9	250.7	235.1	218.6	201.2	183.2	165.9	147.7	129.7	111.4	92.9
-55°	248.7	235.0	219.9	203.9	187.1	170.0	153.5	136.7	119.8	102.5	85.2
-57.5°	231.1	218.4	203.7	188.4	172.5	156.5	140.9	125.3	109.5	93.4	77.7
-60°	212.8	200.3	186.8	172.1	157.3	142.7	128.2	113.7	99.0	84.2	70.1
-62.5°	193.1	181.5	168.6	155.1	141.9	128.6	115.1	101.8	88.2	75.3	62.3
-65°	172.7	161.6	149.8	138.2	126.4	114.2	101.8	89.6	77.9	66.1	54.6
-67.5°	151.9	141.7	131.7	121.3	110.3	99.2	88.3	77.9	67.4	56.8	47.7
-70°	130.0	121.5	112.9	103.4	93.7	84.2	75.3	66.1	56.8	49.0	40.8
-72.5°	108.2	101.0	93.3	85.2	77.7	70.1	62.3	54.8	48.1	41.1	33.7
-75°	86.9	81.0	75.0	68.8	62.4	56.0	50.7	45.3	39.4	33.2	27.8
-77.5°	67.3	62.4	57.4	52.9	48.6	44.3	40.1	35.8	30.9	26.5	22.1
-80°	48.5	45.2	42.0	38.8	35.6	32.5	29.9	26.9	23.3	19.8	16.4
-82.5°	30.6	29.2	27.8	26.2	24.5	22.5	20.4	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	22.2	16.6	11.3	7.6	3.8	0.0
70°	32.5	26.3	19.9	13.1	8.6	4.3	0.0
67.5°	38.5	30.3	23.1	15.6	9.6	4.8	0.0
65°	44.5	34.7	26.4	18.1	10.6	5.3	0.0
62.5°	50.3	39.5	29.5	20.5	11.6	5.8	0.0
60°	56.0	44.1	32.7	22.9	12.6	6.3	0.0
57.5°	62.4	48.7	36.2	25.2	14.1	6.8	0.0
55°	68.8	53.0	39.7	27.5	15.7	7.2	0.0
52.5°	75.0	57.4	43.1	29.7	17.1	7.7	0.0
50°	81.0	62.4	46.3	31.9	18.6	8.1	0.0
47.5°	86.9	67.3	49.4	34.0	20.0	8.5	0.0
45°	93.1	71.9	52.4	36.3	21.3	8.9	0.0
42.5°	99.0	76.4	55.2	38.4	22.5	9.3	0.0
40°	104.7	80.6	58.3	40.4	23.8	9.7	0.0
37.5°	110.1	84.7	61.5	42.3	24.9	10.0	0.0
35°	115.4	88.8	64.6	44.1	26.0	10.3	0.0
32.5°	120.2	92.9	67.4	45.7	27.0	10.6	0.0
30°	124.7	96.7	70.1	47.3	28.0	10.9	0.0
27.5°	128.8	100.2	72.7	48.8	28.8	11.2	0.0
25°	132.6	103.6	75.1	50.1	29.7	11.4	0.0
22.5°	136.1	106.6	77.3	51.3	30.4	11.6	0.0
20°	139.3	109.3	79.3	52.4	31.1	11.8	0.0
17.5°	142.1	111.7	81.2	53.4	31.7	12.0	0.0
15°	144.4	113.8	82.8	54.2	32.2	12.2	0.0
12.5°	146.4	115.6	84.3	55.0	32.6	12.3	0.0
10°	148.1	117.0	85.5	55.5	33.0	12.4	0.0
7.5°	149.3	118.1	86.5	56.0	33.2	12.5	0.0
5°	150.3	118.9	87.3	56.3	33.4	12.6	0.0
2.5°	150.8	119.3	87.8	56.5	33.6	12.6	0.0
0°	151.0	119.5	88.1	56.6	33.6	12.6	0.0
-2.5°	150.8	119.3	87.8	56.5	33.6	12.6	0.0
-5°	150.3	118.9	87.3	56.3	33.4	12.6	0.0
-7.5°	149.3	118.1	86.5	56.0	33.2	12.5	0.0
-10°	148.1	117.0	85.5	55.5	33.0	12.4	0.0
-12.5°	146.4	115.6	84.3	55.0	32.6	12.3	0.0
-15°	144.4	113.8	82.8	54.2	32.2	12.2	0.0
-17.5°	142.1	111.7	81.2	53.4	31.7	12.0	0.0
-20°	139.3	109.3	79.3	52.4	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°	136.1	106.6	77.3	51.3	30.4	11.6	0.0
-25°	132.6	103.6	75.1	50.1	29.7	11.4	0.0
-27.5°	128.8	100.2	72.7	48.8	28.8	11.2	0.0
-30°	124.7	96.7	70.1	47.3	28.0	10.9	0.0
-32.5°	120.2	92.9	67.4	45.7	27.0	10.6	0.0
-35°	115.4	88.8	64.6	44.1	26.0	10.3	0.0
-37.5°	110.1	84.7	61.5	42.3	24.9	10.0	0.0
-40°	104.7	80.6	58.3	40.4	23.8	9.7	0.0
-42.5°	99.0	76.4	55.2	38.4	22.5	9.3	0.0
-45°	93.1	71.9	52.4	36.3	21.3	8.9	0.0
-47.5°	86.9	67.3	49.4	34.0	20.0	8.5	0.0
-50°	81.0	62.4	46.3	31.9	18.6	8.1	0.0
-52.5°	75.0	57.4	43.1	29.7	17.1	7.7	0.0
-55°	68.8	53.0	39.7	27.5	15.7	7.2	0.0
-57.5°	62.4	48.7	36.2	25.2	14.1	6.8	0.0
-60°	56.0	44.1	32.7	22.9	12.6	6.3	0.0
-62.5°	50.3	39.5	29.5	20.5	11.6	5.8	0.0
-65°	44.5	34.7	26.4	18.1	10.6	5.3	0.0
-67.5°	38.5	30.3	23.1	15.6	9.6	4.8	0.0
-70°	32.5	26.3	19.9	13.1	8.6	4.3	0.0
-72.5°	27.6	22.2	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)