

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: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558959 (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-935-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

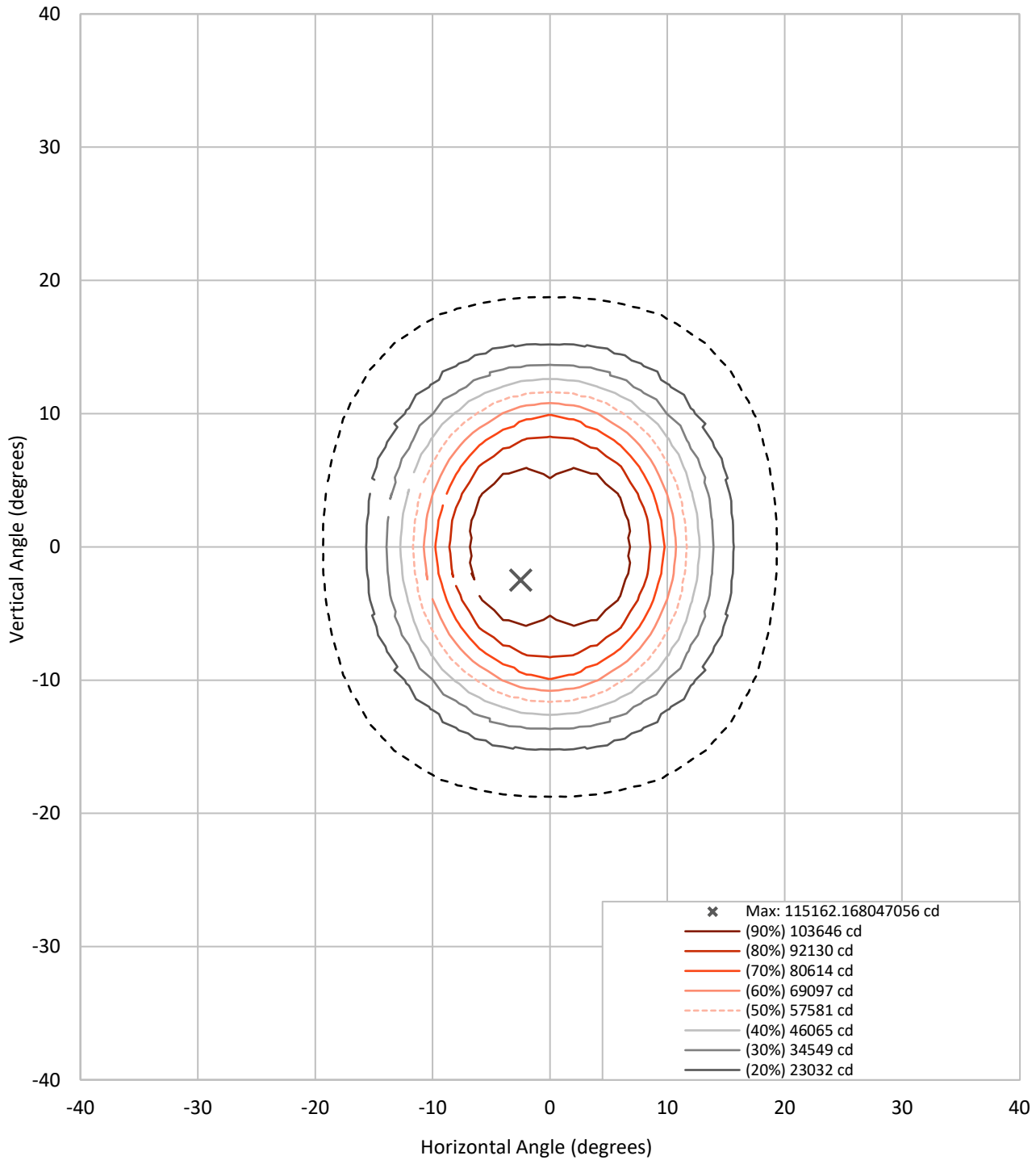
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21777 lumens	Max Intensity:	115162.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	11756.7 lumens	Field Lumens:	17729.7 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





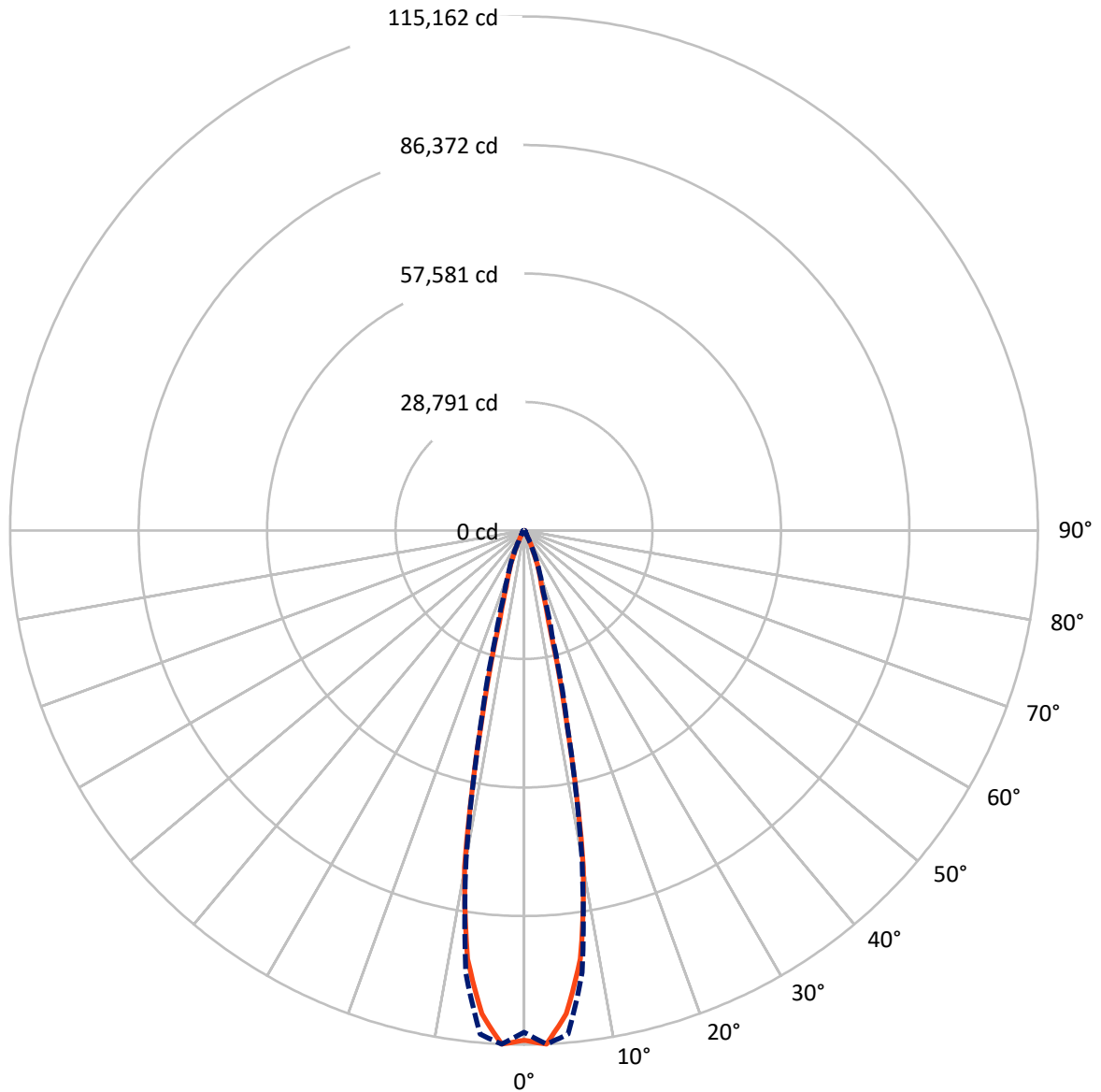
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Lumen Table

90	0.3	2.2		5.9		9.4		10.9		9.4		5.9		2.2		0.3			
80	0.3	2.2		5.9		9.4		10.9		9.4		5.9		2.2		0.3			
70	1.0	1.1	2.4	3.8	5.2	6.5	7.4	7.9	7.9	7.4	6.5	5.2	3.8	2.4	1.1	1.0			
60		1.7	3.5	5.4	7.2	8.6	9.5	9.9	9.9	9.5	8.6	7.2	5.4	3.5	1.7				
50	1.8	2.3	4.4	6.5	8.4	10.3	11.8	12.5	12.5	11.8	10.3	8.4	6.5	4.4	2.3	1.8			
40		2.7	5.1	7.3	9.9	13.5	17.8	21.4	21.4	17.8	13.5	9.9	7.3	5.1	2.7				
30	2.4	3.1	5.5	8.1	12.3	22.2	66.9	130.3	130.3	66.9	22.2	12.3	8.1	5.5	3.1	2.4			
20		3.3	5.7	8.6	15.4	66.1	304.9	784.0	784.0	304.9	66.1	15.4	8.6	5.7	3.3				
10	2.6	3.4	5.8	9.1	18.4	128.7	793.9	2804.8	2804.8	793.9	128.7	18.4	9.1	5.8	3.4	2.6			
0		3.4	5.8	9.1	18.4	128.7	793.9	2804.8	2804.8	793.9	128.7	18.4	9.1	5.8	3.4				
-10	2.4	3.3	5.7	8.6	15.4	66.1	304.9	784.0	784.0	304.9	66.1	15.4	8.6	5.7	3.3	2.4			
-20		3.1	5.5	8.1	12.3	22.2	66.9	130.3	130.3	66.9	22.2	12.3	8.1	5.5	3.1				
-30	1.8	2.7	5.1	7.3	9.9	13.5	17.8	21.4	21.4	17.8	13.5	9.9	7.3	5.1	2.7	1.8			
-40		2.3	4.4	6.5	8.4	10.3	11.8	12.5	12.5	11.8	10.3	8.4	6.5	4.4	2.3				
-50	1.0	1.7	3.5	5.4	7.2	8.6	9.5	9.9	9.9	9.5	8.6	7.2	5.4	3.5	1.7	1.0			
-60		1.1	2.4	3.8	5.2	6.5	7.4	7.9	7.9	7.4	6.5	5.2	3.8	2.4	1.1				
-70	0.3	2.2		5.9		9.4		10.9		9.4		5.9		2.2		0.3			
-80		2.2		5.9		9.4		10.9		9.4		5.9		2.2					
-90	0.3	2.2		5.9		9.4		10.9		9.4		5.9		2.2		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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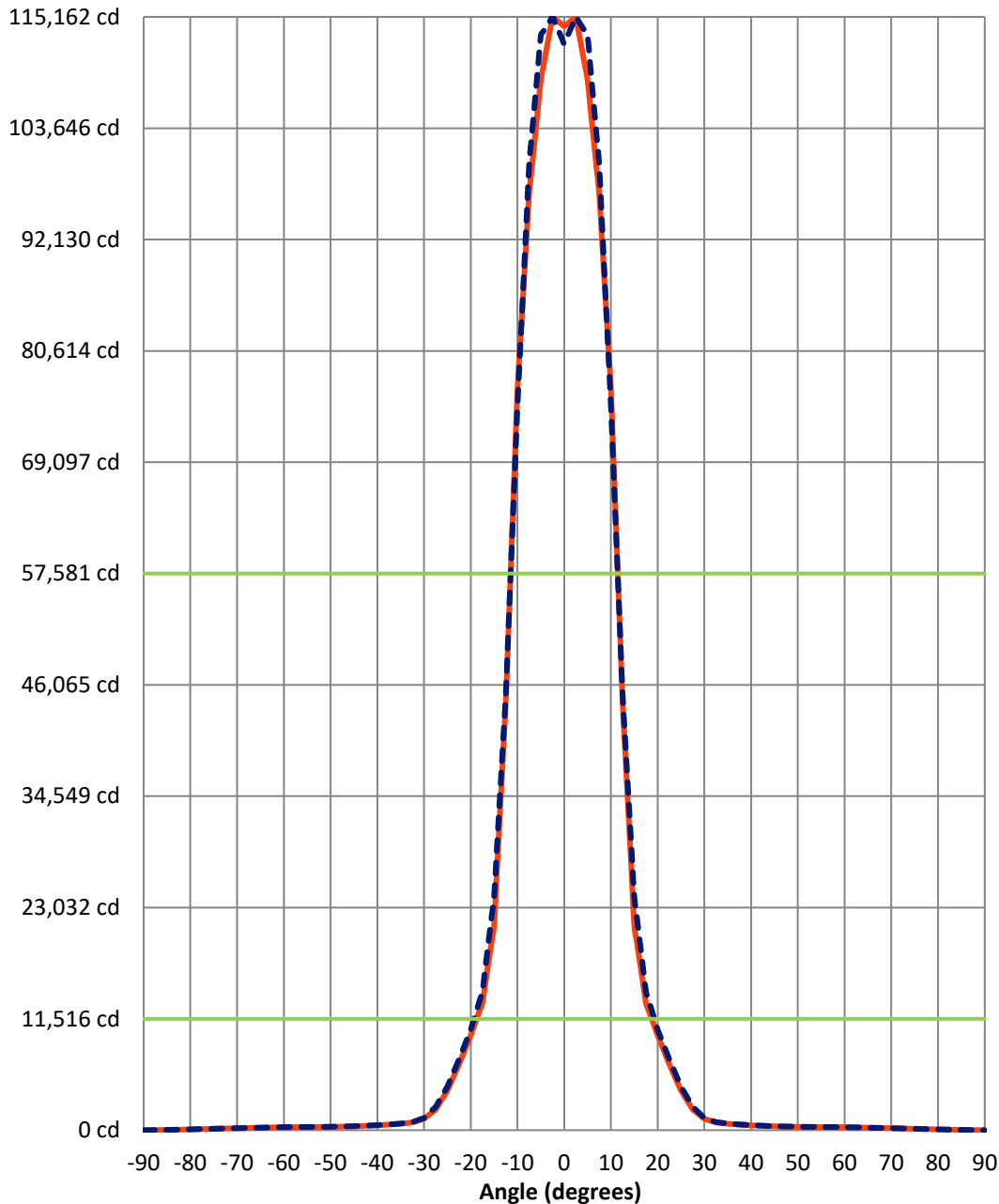
Luminous Intensity Polar Plot



— 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: 11756.7
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 17729.7
 Efficiency: 81.4%

Spill:
 Lumens: 4047.3
 Efficiency: 18.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
82.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.7	15.1	17.6
80°	0.0	2.1	4.2	6.3	8.4	10.5	12.8	15.9	19.2	22.6	26.1
77.5°	0.0	2.6	5.3	7.9	10.5	13.6	17.5	21.5	25.7	30.0	34.7
75°	0.0	3.2	6.3	9.4	12.8	17.6	22.1	27.0	32.2	38.3	44.0
72.5°	0.0	3.7	7.3	11.0	16.0	21.6	26.8	32.8	39.9	46.8	53.2
70°	0.0	4.2	8.3	12.7	19.3	25.5	31.5	39.6	47.6	55.2	64.2
67.5°	0.0	4.7	9.3	15.1	22.4	29.4	37.4	46.4	55.2	65.5	75.6
65°	0.0	5.2	10.3	17.5	25.6	33.7	43.2	53.1	64.2	75.6	87.0
62.5°	0.0	5.6	11.3	19.9	28.7	38.3	48.9	60.5	73.1	85.7	98.8
60°	0.0	6.1	12.2	22.2	31.7	42.9	54.4	68.1	81.8	96.1	110.4
57.5°	0.0	6.6	13.7	24.5	35.2	47.3	60.6	75.5	90.7	106.3	121.7
55°	0.0	7.0	15.2	26.7	38.6	51.5	66.8	82.7	99.6	116.3	132.7
52.5°	0.0	7.4	16.6	28.8	41.8	55.8	72.8	90.2	108.2	126.0	143.5
50°	0.0	7.8	18.0	30.9	45.0	60.7	78.7	97.6	116.5	135.3	154.3
47.5°	0.0	8.2	19.3	33.0	48.0	65.4	84.4	104.8	124.6	144.4	164.8
45°	0.0	8.6	20.6	35.2	50.9	69.9	90.4	111.8	132.5	153.7	175.1
42.5°	0.0	9.0	21.9	37.3	53.7	74.2	96.1	118.5	140.0	162.6	184.3
40°	0.0	9.3	23.0	39.2	56.6	78.3	101.7	124.8	147.4	171.3	192.9
37.5°	0.0	9.7	24.2	41.1	59.8	82.2	107.0	130.8	154.7	179.2	201.0
35°	0.0	10.0	25.2	42.8	62.7	86.2	112.0	136.6	161.5	186.0	208.8
32.5°	0.0	10.3	26.2	44.4	65.5	90.2	116.8	142.0	167.9	192.4	216.4
30°	0.0	10.6	27.1	46.0	68.1	93.9	121.1	147.1	173.8	198.3	223.2
27.5°	0.0	10.8	28.0	47.4	70.6	97.4	125.1	151.9	179.0	203.9	229.4
25°	0.0	11.1	28.8	48.7	72.9	100.6	128.9	156.3	183.6	209.0	235.0
22.5°	0.0	11.3	29.5	49.9	75.1	103.5	132.3	160.3	187.7	213.6	239.8
20°	0.0	11.5	30.1	50.9	77.1	106.2	135.3	163.8	191.4	217.6	244.1
17.5°	0.0	11.6	30.7	51.9	78.8	108.6	138.0	167.0	194.7	221.1	247.9
15°	0.0	11.8	31.2	52.7	80.4	110.6	140.3	169.7	197.6	224.0	251.1
12.5°	0.0	11.9	31.6	53.4	81.8	112.3	142.2	172.0	200.1	226.3	253.8
10°	0.0	12.0	32.0	54.0	83.0	113.7	143.8	173.9	202.1	228.7	256.0
7.5°	0.0	12.1	32.3	54.4	84.0	114.7	145.1	175.3	203.7	230.7	257.6
5°	0.0	12.2	32.4	54.7	84.8	115.5	146.0	176.4	204.8	232.4	258.6
2.5°	0.0	12.2	32.6	54.9	85.3	116.0	146.5	177.0	205.5	233.5	258.9
0°	0.0	12.2	32.6	55.0	85.6	116.1	146.7	177.2	205.7	234.2	258.7
-2.5°	0.0	12.2	32.6	55.0	85.6	116.1	146.7	177.2	205.7	234.2	258.7
-5°	0.0	12.2	32.4	54.7	84.8	115.5	146.0	176.4	204.8	232.4	258.6
-7.5°	0.0	12.1	32.3	54.4	84.0	114.7	145.1	175.3	203.7	230.7	257.6
-10°	0.0	12.0	32.0	54.0	83.0	113.7	143.8	173.9	202.1	228.7	256.0
-12.5°	0.0	11.9	31.6	53.4	81.8	112.3	142.2	172.0	200.1	226.3	253.8
-15°	0.0	11.8	31.2	52.7	80.4	110.6	140.3	169.7	197.6	224.0	251.1
-17.5°	0.0	11.6	30.7	51.9	78.8	108.6	138.0	167.0	194.7	221.1	247.9
-20°	0.0	11.5	30.1	50.9	77.1	106.2	135.3	163.8	191.4	217.6	244.1



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 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.3	29.5	49.9	75.1	103.5	132.3	160.3	187.7	213.6	239.8
-25°	0.0	11.1	28.8	48.7	72.9	100.6	128.9	156.3	183.6	209.0	235.0
-27.5°	0.0	10.8	28.0	47.4	70.6	97.4	125.1	151.9	179.0	203.9	229.4
-30°	0.0	10.6	27.1	46.0	68.1	93.9	121.1	147.1	173.8	198.3	223.2
-32.5°	0.0	10.3	26.2	44.4	65.5	90.2	116.8	142.0	167.9	192.4	216.4
-35°	0.0	10.0	25.2	42.8	62.7	86.2	112.0	136.6	161.5	186.0	208.8
-37.5°	0.0	9.7	24.2	41.1	59.8	82.2	107.0	130.8	154.7	179.2	201.0
-40°	0.0	9.3	23.0	39.2	56.6	78.3	101.7	124.8	147.4	171.3	192.9
-42.5°	0.0	9.0	21.9	37.3	53.7	74.2	96.1	118.5	140.0	162.6	184.3
-45°	0.0	8.6	20.6	35.2	50.9	69.9	90.4	111.8	132.5	153.7	175.1
-47.5°	0.0	8.2	19.3	33.0	48.0	65.4	84.4	104.8	124.6	144.4	164.8
-50°	0.0	7.8	18.0	30.9	45.0	60.7	78.7	97.6	116.5	135.3	154.3
-52.5°	0.0	7.4	16.6	28.8	41.8	55.8	72.8	90.2	108.2	126.0	143.5
-55°	0.0	7.0	15.2	26.7	38.6	51.5	66.8	82.7	99.6	116.3	132.7
-57.5°	0.0	6.6	13.7	24.5	35.2	47.3	60.6	75.5	90.7	106.3	121.7
-60°	0.0	6.1	12.2	22.2	31.7	42.9	54.4	68.1	81.8	96.1	110.4
-62.5°	0.0	5.6	11.3	19.9	28.7	38.3	48.9	60.5	73.1	85.7	98.8
-65°	0.0	5.2	10.3	17.5	25.6	33.7	43.2	53.1	64.2	75.6	87.0
-67.5°	0.0	4.7	9.3	15.1	22.4	29.4	37.4	46.4	55.2	65.5	75.6
-70°	0.0	4.2	8.3	12.7	19.3	25.5	31.5	39.6	47.6	55.2	64.2
-72.5°	0.0	3.7	7.3	11.0	16.0	21.6	26.8	32.8	39.9	46.8	53.2
-75°	0.0	3.2	6.3	9.4	12.8	17.6	22.1	27.0	32.2	38.3	44.0
-77.5°	0.0	2.6	5.3	7.9	10.5	13.6	17.5	21.5	25.7	30.0	34.7
-80°	0.0	2.1	4.2	6.3	8.4	10.5	12.8	15.9	19.2	22.6	26.1
-82.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.7	15.1	17.6
-85°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
85°	11.3	12.2	13.6	14.9	16.1	17.1	18.1	18.9	20.2	21.4	22.7
82.5°	19.8	21.9	23.7	25.4	27.0	28.3	29.7	31.7	34.3	36.8	38.9
80°	29.0	31.5	34.5	37.6	40.8	43.9	47.1	50.3	53.1	55.8	58.6
77.5°	38.9	43.0	47.2	51.4	55.8	60.7	65.4	69.9	74.1	78.1	82.2
75°	49.2	54.4	60.6	66.8	72.8	78.7	84.4	90.2	95.7	101.1	106.1
72.5°	60.5	68.1	75.5	82.7	90.6	98.1	105.1	111.6	118.3	125.2	131.5
70°	73.1	81.8	91.0	100.5	109.7	118.0	126.3	134.7	143.1	150.4	156.6
67.5°	85.7	96.4	107.2	117.9	128.0	137.6	147.5	156.9	165.6	173.1	180.3
65°	98.9	110.9	122.7	134.3	145.5	156.9	167.7	177.8	187.2	195.8	203.8
62.5°	111.8	124.9	137.8	150.6	163.7	176.2	187.5	198.3	208.6	217.7	226.4
60°	124.5	138.6	152.7	167.1	181.3	194.5	206.6	217.8	228.4	238.5	247.5
57.5°	136.9	152.0	167.5	182.9	197.8	212.1	224.4	236.4	247.2	257.4	266.9
55°	149.0	165.1	181.7	198.0	213.6	228.2	241.5	253.4	265.0	274.3	283.3
52.5°	161.1	178.0	195.4	212.3	228.3	243.4	257.2	269.3	279.7	289.4	297.3
50°	172.9	190.5	208.4	225.7	242.1	257.6	271.4	283.0	293.0	301.8	309.3
47.5°	184.0	202.6	220.4	238.3	255.0	270.3	283.9	294.8	304.6	312.5	319.5
45°	194.6	213.9	232.4	249.9	266.9	282.0	294.5	305.5	314.5	322.5	329.6
42.5°	204.6	224.8	243.5	261.0	277.7	292.2	304.5	314.8	324.0	331.8	339.6
40°	214.2	235.4	254.3	271.5	287.8	301.6	313.1	323.6	332.6	341.5	349.9
37.5°	223.6	245.0	264.6	282.1	296.4	309.8	321.2	331.6	341.8	351.5	362.9
35°	232.6	254.3	274.1	291.2	305.3	317.1	328.7	340.1	351.8	364.1	377.3
32.5°	240.9	263.2	283.2	299.0	312.2	324.0	336.2	349.7	363.7	377.7	393.9
30°	248.3	271.3	291.4	306.2	318.4	330.2	344.5	360.0	376.3	392.5	411.4
27.5°	254.8	278.8	297.6	311.9	323.9	335.2	351.2	371.3	388.9	406.2	427.1
25°	260.8	284.9	303.3	316.7	328.0	340.2	356.7	377.4	399.7	418.5	447.6
22.5°	265.9	290.4	308.5	321.0	331.2	344.3	361.1	381.5	404.4	428.2	468.4
20°	270.4	294.4	313.0	324.7	333.7	347.3	363.5	384.3	409.8	444.1	488.6
17.5°	274.3	298.4	316.3	327.1	336.7	349.6	364.4	386.0	415.6	458.4	507.3
15°	277.6	302.4	319.1	329.1	338.9	351.7	367.8	390.3	424.5	471.7	524.4
12.5°	280.3	306.2	321.4	330.7	340.4	353.3	371.4	397.2	435.0	484.9	543.2
10°	282.5	309.7	323.3	332.0	341.2	354.4	374.5	402.5	443.7	497.2	559.9
7.5°	284.5	312.5	324.7	333.0	341.4	354.9	377.0	406.4	450.1	507.4	573.9
5°	286.0	314.3	326.0	333.6	341.2	355.1	378.9	408.9	454.1	515.0	584.4
2.5°	286.9	315.3	327.1	334.0	340.9	355.0	380.4	412.8	459.1	520.7	590.7
0°	287.2	315.7	327.9	334.1	340.2	354.4	380.9	415.5	462.4	523.5	592.7
-2.5°	286.9	315.3	327.1	334.0	340.9	355.0	380.4	412.8	459.1	520.7	590.7
-5°	286.0	314.3	326.0	333.6	341.2	355.1	378.9	408.9	454.1	515.0	584.4
-7.5°	284.5	312.5	324.7	333.0	341.4	354.9	377.0	406.4	450.1	507.4	573.9
-10°	282.5	309.7	323.3	332.0	341.2	354.4	374.5	402.5	443.7	497.2	559.9
-12.5°	280.3	306.2	321.4	330.7	340.4	353.3	371.4	397.2	435.0	484.9	543.2
-15°	277.6	302.4	319.1	329.1	338.9	351.7	367.8	390.3	424.5	471.7	524.4
-17.5°	274.3	298.4	316.3	327.1	336.7	349.6	364.4	386.0	415.6	458.4	507.3
-20°	270.4	294.4	313.0	324.7	333.7	347.3	363.5	384.3	409.8	444.1	488.6



REPORT NUMBER: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	265.9	290.4	308.5	321.0	331.2	344.3	361.1	381.5	404.4	428.2	468.4
-25°	260.8	284.9	303.3	316.7	328.0	340.2	356.7	377.4	399.7	418.5	447.6
-27.5°	254.8	278.8	297.6	311.9	323.9	335.2	351.2	371.3	388.9	406.2	427.1
-30°	248.3	271.3	291.4	306.2	318.4	330.2	344.5	360.0	376.3	392.5	411.4
-32.5°	240.9	263.2	283.2	299.0	312.2	324.0	336.2	349.7	363.7	377.7	393.9
-35°	232.6	254.3	274.1	291.2	305.3	317.1	328.7	340.1	351.8	364.1	377.3
-37.5°	223.6	245.0	264.6	282.1	296.4	309.8	321.2	331.6	341.8	351.5	362.9
-40°	214.2	235.4	254.3	271.5	287.8	301.6	313.1	323.6	332.6	341.5	349.9
-42.5°	204.6	224.8	243.5	261.0	277.7	292.2	304.5	314.8	324.0	331.8	339.6
-45°	194.6	213.9	232.4	249.9	266.9	282.0	294.5	305.5	314.5	322.5	329.6
-47.5°	184.0	202.6	220.4	238.3	255.0	270.3	283.9	294.8	304.6	312.5	319.5
-50°	172.9	190.5	208.4	225.7	242.1	257.6	271.4	283.0	293.0	301.8	309.3
-52.5°	161.1	178.0	195.4	212.3	228.3	243.4	257.2	269.3	279.7	289.4	297.3
-55°	149.0	165.1	181.7	198.0	213.6	228.2	241.5	253.4	265.0	274.3	283.3
-57.5°	136.9	152.0	167.5	182.9	197.8	212.1	224.4	236.4	247.2	257.4	266.9
-60°	124.5	138.6	152.7	167.1	181.3	194.5	206.6	217.8	228.4	238.5	247.5
-62.5°	111.8	124.9	137.8	150.6	163.7	176.2	187.5	198.3	208.6	217.7	226.4
-65°	98.9	110.9	122.7	134.3	145.5	156.9	167.7	177.8	187.2	195.8	203.8
-67.5°	85.7	96.4	107.2	117.9	128.0	137.6	147.5	156.9	165.6	173.1	180.3
-70°	73.1	81.8	91.0	100.5	109.7	118.0	126.3	134.7	143.1	150.4	156.6
-72.5°	60.5	68.1	75.5	82.7	90.6	98.1	105.1	111.6	118.3	125.2	131.5
-75°	49.2	54.4	60.6	66.8	72.8	78.7	84.4	90.2	95.7	101.1	106.1
-77.5°	38.9	43.0	47.2	51.4	55.8	60.7	65.4	69.9	74.1	78.1	82.2
-80°	29.0	31.5	34.5	37.6	40.8	43.9	47.1	50.3	53.1	55.8	58.6
-82.5°	19.8	21.9	23.7	25.4	27.0	28.3	29.7	31.7	34.3	36.8	38.9
-85°	11.3	12.2	13.6	14.9	16.1	17.1	18.1	18.9	20.2	21.4	22.7
-87.5°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
-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: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.0	9.9	9.7	9.5	9.2	9.9	10.5	11.2	11.8	11.9	12.0
85°	23.9	24.7	25.4	26.1	26.8	27.6	28.3	28.8	29.3	30.2	31.0
82.5°	40.8	42.4	44.0	45.4	46.7	48.2	49.7	51.1	52.5	53.3	53.9
80°	61.3	64.1	66.6	68.8	70.8	73.2	75.5	77.6	79.5	80.8	81.8
77.5°	86.1	89.5	92.7	95.8	98.7	101.4	103.7	105.6	107.1	109.0	110.7
75°	110.9	115.5	119.8	123.7	127.2	130.2	133.0	135.5	137.8	139.9	141.7
72.5°	137.2	142.4	147.1	151.3	155.4	159.3	163.0	166.3	169.2	171.6	173.6
70°	162.5	168.2	173.8	179.2	184.0	188.5	192.5	196.0	199.1	201.8	203.9
67.5°	187.0	193.5	199.9	205.9	211.2	215.9	220.4	224.5	228.3	231.2	233.2
65°	211.4	218.6	225.4	231.6	237.0	241.9	246.9	251.3	255.1	257.9	259.7
62.5°	235.0	242.7	249.4	255.8	261.9	267.1	271.4	275.4	279.1	282.1	284.0
60°	256.1	264.2	270.7	276.7	282.2	287.3	291.6	295.8	299.8	303.3	305.9
57.5°	274.8	282.2	288.9	294.2	299.2	303.8	307.9	311.5	314.2	316.3	318.2
55°	291.0	297.7	303.9	309.2	313.5	317.2	320.3	322.8	324.8	326.2	327.2
52.5°	304.9	311.0	317.2	322.3	325.7	328.7	331.4	334.4	336.1	336.4	336.2
50°	316.0	322.6	328.1	332.8	337.3	342.4	347.7	350.4	351.5	350.8	349.9
47.5°	326.3	332.7	338.7	344.4	351.0	359.6	368.4	372.5	372.2	370.3	369.4
45°	336.4	343.2	350.3	359.1	368.5	379.6	389.8	396.1	396.2	396.4	397.9
42.5°	346.7	355.4	365.1	377.1	389.3	401.8	412.6	420.6	426.5	433.7	439.7
40°	359.6	369.3	383.8	398.6	414.5	427.8	444.6	459.0	470.9	481.7	489.9
37.5°	374.7	388.6	407.0	426.1	446.6	467.3	487.0	505.3	521.0	538.8	552.1
35°	392.8	412.6	435.0	458.8	484.4	510.7	536.0	565.2	590.8	613.8	632.5
32.5°	414.0	437.9	465.3	497.0	529.0	563.7	600.0	637.5	673.7	711.3	749.0
30°	435.3	466.8	501.8	540.2	577.8	623.2	670.5	731.9	796.2	869.5	982.3
27.5°	461.2	498.9	539.6	583.8	635.5	693.5	784.7	898.1	1091.7	1236.3	1624.9
25°	486.6	529.6	581.9	639.2	708.6	814.8	1032.6	1284.7	1846.0	2371.5	2978.6
22.5°	512.3	565.9	628.5	698.4	819.2	1092.4	1507.4	2267.4	3134.4	4054.8	4992.2
20°	538.2	601.3	679.8	796.5	1049.3	1516.8	2448.4	3669.5	4901.6	6406.7	7708.3
17.5°	567.3	645.6	748.2	923.7	1340.2	2342.1	3719.9	5414.4	7321.0	9256.0	10880.7
15°	591.4	683.1	820.5	1163.6	1950.0	3279.2	5082.2	7379.1	9978.8	12425.1	14511.6
12.5°	618.0	724.7	905.4	1358.1	2512.6	4260.1	6636.3	9462.8	12581.6	15933.5	21240.6
10°	642.6	766.5	1047.8	1762.2	3161.1	5251.3	8028.0	11212.7	14995.1	21706.1	34251.5
7.5°	663.2	799.7	1154.8	2063.3	3748.0	6186.4	9162.5	12709.1	18395.7	29670.5	50781.5
5°	677.3	821.8	1229.3	2288.7	4215.6	6876.2	9887.8	13694.4	21865.0	39406.1	64825.7
2.5°	687.2	833.7	1269.1	2420.1	4511.4	7333.0	10401.7	14357.5	24194.3	45037.4	74819.6
0°	694.6	837.2	1277.1	2533.9	4611.6	7487.7	10427.0	14535.4	24993.0	47236.1	78380.6
-2.5°	687.2	833.7	1269.1	2420.1	4511.4	7333.0	10401.7	14357.5	24194.3	45037.4	74819.6
-5°	677.3	821.8	1229.3	2288.7	4215.6	6876.2	9887.8	13694.4	21865.0	39406.1	64825.7
-7.5°	663.2	799.7	1154.8	2063.3	3748.0	6186.4	9162.5	12709.1	18395.7	29670.5	50781.5
-10°	642.6	766.5	1047.8	1762.2	3161.1	5251.3	8028.0	11212.7	14995.1	21706.1	34251.5
-12.5°	618.0	724.7	905.4	1358.1	2512.6	4260.1	6636.3	9462.8	12581.6	15933.5	21240.6
-15°	591.4	683.1	820.5	1163.6	1950.0	3279.2	5082.2	7379.1	9978.8	12425.1	14511.6
-17.5°	567.3	645.6	748.2	923.7	1340.2	2342.1	3719.9	5414.4	7321.0	9256.0	10880.7
-20°	538.2	601.3	679.8	796.5	1049.3	1516.8	2448.4	3669.5	4901.6	6406.7	7708.3



REPORT NUMBER: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	512.3	565.9	628.5	698.4	819.2	1092.4	1507.4	2267.4	3134.4	4054.8	4992.2
-25°	486.6	529.6	581.9	639.2	708.6	814.8	1032.6	1284.7	1846.0	2371.5	2978.6
-27.5°	461.2	498.9	539.6	583.8	635.5	693.5	784.7	898.1	1091.7	1236.3	1624.9
-30°	435.3	466.8	501.8	540.2	577.8	623.2	670.5	731.9	796.2	869.5	982.3
-32.5°	414.0	437.9	465.3	497.0	529.0	563.7	600.0	637.5	673.7	711.3	749.0
-35°	392.8	412.6	435.0	458.8	484.4	510.7	536.0	565.2	590.8	613.8	632.5
-37.5°	374.7	388.6	407.0	426.1	446.6	467.3	487.0	505.3	521.0	538.8	552.1
-40°	359.6	369.3	383.8	398.6	414.5	427.8	444.6	459.0	470.9	481.7	489.9
-42.5°	346.7	355.4	365.1	377.1	389.3	401.8	412.6	420.6	426.5	433.7	439.7
-45°	336.4	343.2	350.3	359.1	368.5	379.6	389.8	396.1	396.2	396.4	397.9
-47.5°	326.3	332.7	338.7	344.4	351.0	359.6	368.4	372.5	372.2	370.3	369.4
-50°	316.0	322.6	328.1	332.8	337.3	342.4	347.7	350.4	351.5	350.8	349.9
-52.5°	304.9	311.0	317.2	322.3	325.7	328.7	331.4	334.4	336.1	336.4	336.2
-55°	291.0	297.7	303.9	309.2	313.5	317.2	320.3	322.8	324.8	326.2	327.2
-57.5°	274.8	282.2	288.9	294.2	299.2	303.8	307.9	311.5	314.2	316.3	318.2
-60°	256.1	264.2	270.7	276.7	282.2	287.3	291.6	295.8	299.8	303.3	305.9
-62.5°	235.0	242.7	249.4	255.8	261.9	267.1	271.4	275.4	279.1	282.1	284.0
-65°	211.4	218.6	225.4	231.6	237.0	241.9	246.9	251.3	255.1	257.9	259.7
-67.5°	187.0	193.5	199.9	205.9	211.2	215.9	220.4	224.5	228.3	231.2	233.2
-70°	162.5	168.2	173.8	179.2	184.0	188.5	192.5	196.0	199.1	201.8	203.9
-72.5°	137.2	142.4	147.1	151.3	155.4	159.3	163.0	166.3	169.2	171.6	173.6
-75°	110.9	115.5	119.8	123.7	127.2	130.2	133.0	135.5	137.8	139.9	141.7
-77.5°	86.1	89.5	92.7	95.8	98.7	101.4	103.7	105.6	107.1	109.0	110.7
-80°	61.3	64.1	66.6	68.8	70.8	73.2	75.5	77.6	79.5	80.8	81.8
-82.5°	40.8	42.4	44.0	45.4	46.7	48.2	49.7	51.1	52.5	53.3	53.9
-85°	23.9	24.7	25.4	26.1	26.8	27.6	28.3	28.8	29.3	30.2	31.0
-87.5°	10.0	9.9	9.7	9.5	9.2	9.9	10.5	11.2	11.8	11.9	12.0
-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: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.2
85°	31.8	32.4	31.6	30.6	31.6	32.4	31.8	31.0	30.2	29.3	28.8
82.5°	54.4	54.7	54.9	55.0	54.9	54.7	54.4	53.9	53.3	52.5	51.1
80°	82.5	83.1	84.4	85.6	84.4	83.1	82.5	81.8	80.8	79.5	77.6
77.5°	112.2	113.5	114.0	114.1	114.0	113.5	112.2	110.7	109.0	107.1	105.6
75°	143.0	143.9	146.4	148.7	146.4	143.9	143.0	141.7	139.9	137.8	135.5
72.5°	175.2	176.3	177.9	179.2	177.9	176.3	175.2	173.6	171.6	169.2	166.3
70°	205.6	206.8	207.6	207.8	207.6	206.8	205.6	203.9	201.8	199.1	196.0
67.5°	234.6	235.3	235.1	234.2	235.1	235.3	234.6	233.2	231.2	228.3	224.5
65°	261.0	261.8	261.6	260.7	261.6	261.8	261.0	259.7	257.9	255.1	251.3
62.5°	285.4	286.2	286.9	287.2	286.9	286.2	285.4	284.0	282.1	279.1	275.4
60°	308.3	310.2	311.3	311.6	311.3	310.2	308.3	305.9	303.3	299.8	295.8
57.5°	319.8	321.0	321.7	321.8	321.7	321.0	319.8	318.2	316.3	314.2	311.5
55°	327.7	327.7	327.0	325.9	327.0	327.7	327.7	327.2	326.2	324.8	322.8
52.5°	335.6	334.4	334.0	334.1	334.0	334.4	335.6	336.2	336.4	336.1	334.4
50°	348.8	346.9	346.1	346.3	346.1	346.9	348.8	349.9	350.8	351.5	350.4
47.5°	370.7	371.5	372.3	372.8	372.3	371.5	370.7	369.4	370.3	372.2	372.5
45°	402.0	404.8	406.6	407.4	406.6	404.8	402.0	397.9	396.4	396.2	396.1
42.5°	445.8	449.3	450.6	450.2	450.6	449.3	445.8	439.7	433.7	426.5	420.6
40°	498.5	505.3	509.3	509.2	509.3	505.3	498.5	489.9	481.7	470.9	459.0
37.5°	564.1	573.3	577.8	576.4	577.8	573.3	564.1	552.1	538.8	521.0	505.3
35°	646.8	655.9	659.7	664.0	659.7	655.9	646.8	632.5	613.8	590.8	565.2
32.5°	778.6	797.1	804.5	794.4	804.5	797.1	778.6	749.0	711.3	673.7	637.5
30°	1058.5	1126.1	1171.4	1193.6	1171.4	1126.1	1058.5	982.3	869.5	796.2	731.9
27.5°	1892.3	2069.3	2144.2	2185.6	2144.2	2069.3	1892.3	1624.9	1236.3	1091.7	898.1
25°	3498.4	3876.2	4093.5	4075.9	4093.5	3876.2	3498.4	2978.6	2371.5	1846.0	1284.7
22.5°	5863.1	6459.1	6816.6	6947.9	6816.6	6459.1	5863.1	4992.2	4054.8	3134.4	2267.4
20°	8794.8	9463.0	9812.5	9864.8	9812.5	9463.0	8794.8	7708.3	6406.7	4901.6	3669.5
17.5°	12159.3	12792.8	13161.0	13156.5	13161.0	12792.8	12159.3	10880.7	9256.0	7321.0	5414.4
15°	17353.6	19805.7	21188.3	20986.4	21188.3	19805.7	17353.6	14511.6	12425.1	9978.8	7379.1
12.5°	28435.0	38228.8	44303.9	45804.2	44303.9	38228.8	28435.0	21240.6	15933.5	12581.6	9462.8
10°	50248.4	64900.7	76602.1	79983.7	76602.1	64900.7	50248.4	34251.5	21706.1	14995.1	11212.7
7.5°	72279.1	89668.9	96825.6	97657.0	96825.6	89668.9	72279.1	50781.5	29670.5	18395.7	12709.1
5°	88908.0	106602.7	108650.7	103506.0	108650.7	106602.7	88908.0	64825.7	39406.1	21865.0	13694.4
2.5°	99884.4	113252.9	115162.2	112393.1	115162.2	113252.9	99884.4	74819.6	45037.4	24194.3	14357.5
0°	102387.7	111484.6	114196.7	114493.1	114196.7	111484.6	102387.7	78380.6	47236.1	24993.0	14535.4
-2.5°	99884.4	113252.9	115162.2	112393.1	115162.2	113252.9	99884.4	74819.6	45037.4	24194.3	14357.5
-5°	88908.0	106602.7	108650.7	103506.0	108650.7	106602.7	88908.0	64825.7	39406.1	21865.0	13694.4
-7.5°	72279.1	89668.9	96825.6	97657.0	96825.6	89668.9	72279.1	50781.5	29670.5	18395.7	12709.1
-10°	50248.4	64900.7	76602.1	79983.7	76602.1	64900.7	50248.4	34251.5	21706.1	14995.1	11212.7
-12.5°	28435.0	38228.8	44303.9	45804.2	44303.9	38228.8	28435.0	21240.6	15933.5	12581.6	9462.8
-15°	17353.6	19805.7	21188.3	20986.4	21188.3	19805.7	17353.6	14511.6	12425.1	9978.8	7379.1
-17.5°	12159.3	12792.8	13161.0	13156.5	13161.0	12792.8	12159.3	10880.7	9256.0	7321.0	5414.4
-20°	8794.8	9463.0	9812.5	9864.8	9812.5	9463.0	8794.8	7708.3	6406.7	4901.6	3669.5



REPORT NUMBER: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5863.1	6459.1	6816.6	6947.9	6816.6	6459.1	5863.1	4992.2	4054.8	3134.4	2267.4
-25°	3498.4	3876.2	4093.5	4075.9	4093.5	3876.2	3498.4	2978.6	2371.5	1846.0	1284.7
-27.5°	1892.3	2069.3	2144.2	2185.6	2144.2	2069.3	1892.3	1624.9	1236.3	1091.7	898.1
-30°	1058.5	1126.1	1171.4	1193.6	1171.4	1126.1	1058.5	982.3	869.5	796.2	731.9
-32.5°	778.6	797.1	804.5	794.4	804.5	797.1	778.6	749.0	711.3	673.7	637.5
-35°	646.8	655.9	659.7	664.0	659.7	655.9	646.8	632.5	613.8	590.8	565.2
-37.5°	564.1	573.3	577.8	576.4	577.8	573.3	564.1	552.1	538.8	521.0	505.3
-40°	498.5	505.3	509.3	509.2	509.3	505.3	498.5	489.9	481.7	470.9	459.0
-42.5°	445.8	449.3	450.6	450.2	450.6	449.3	445.8	439.7	433.7	426.5	420.6
-45°	402.0	404.8	406.6	407.4	406.6	404.8	402.0	397.9	396.4	396.2	396.1
-47.5°	370.7	371.5	372.3	372.8	372.3	371.5	370.7	369.4	370.3	372.2	372.5
-50°	348.8	346.9	346.1	346.3	346.1	346.9	348.8	349.9	350.8	351.5	350.4
-52.5°	335.6	334.4	334.0	334.1	334.0	334.4	335.6	336.2	336.4	336.1	334.4
-55°	327.7	327.7	327.0	325.9	327.0	327.7	327.7	327.2	326.2	324.8	322.8
-57.5°	319.8	321.0	321.7	321.8	321.7	321.0	319.8	318.2	316.3	314.2	311.5
-60°	308.3	310.2	311.3	311.6	311.3	310.2	308.3	305.9	303.3	299.8	295.8
-62.5°	285.4	286.2	286.9	287.2	286.9	286.2	285.4	284.0	282.1	279.1	275.4
-65°	261.0	261.8	261.6	260.7	261.6	261.8	261.0	259.7	257.9	255.1	251.3
-67.5°	234.6	235.3	235.1	234.2	235.1	235.3	234.6	233.2	231.2	228.3	224.5
-70°	205.6	206.8	207.6	207.8	207.6	206.8	205.6	203.9	201.8	199.1	196.0
-72.5°	175.2	176.3	177.9	179.2	177.9	176.3	175.2	173.6	171.6	169.2	166.3
-75°	143.0	143.9	146.4	148.7	146.4	143.9	143.0	141.7	139.9	137.8	135.5
-77.5°	112.2	113.5	114.0	114.1	114.0	113.5	112.2	110.7	109.0	107.1	105.6
-80°	82.5	83.1	84.4	85.6	84.4	83.1	82.5	81.8	80.8	79.5	77.6
-82.5°	54.4	54.7	54.9	55.0	54.9	54.7	54.4	53.9	53.3	52.5	51.1
-85°	31.8	32.4	31.6	30.6	31.6	32.4	31.8	31.0	30.2	29.3	28.8
-87.5°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	9.9	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
85°	28.3	27.6	26.8	26.1	25.4	24.7	23.9	22.7	21.4	20.2	18.9
82.5°	49.7	48.2	46.7	45.4	44.0	42.4	40.8	38.9	36.8	34.3	31.7
80°	75.5	73.2	70.8	68.8	66.6	64.1	61.3	58.6	55.8	53.1	50.3
77.5°	103.7	101.4	98.7	95.8	92.7	89.5	86.1	82.2	78.1	74.1	69.9
75°	133.0	130.2	127.2	123.7	119.8	115.5	110.9	106.1	101.1	95.7	90.2
72.5°	163.0	159.3	155.4	151.3	147.1	142.4	137.2	131.5	125.2	118.3	111.6
70°	192.5	188.5	184.0	179.2	173.8	168.2	162.5	156.6	150.4	143.1	134.7
67.5°	220.4	215.9	211.2	205.9	199.9	193.5	187.0	180.3	173.1	165.6	156.9
65°	246.9	241.9	237.0	231.6	225.4	218.6	211.4	203.8	195.8	187.2	177.8
62.5°	271.4	267.1	261.9	255.8	249.4	242.7	235.0	226.4	217.7	208.6	198.3
60°	291.6	287.3	282.2	276.7	270.7	264.2	256.1	247.5	238.5	228.4	217.8
57.5°	307.9	303.8	299.2	294.2	288.9	282.2	274.8	266.9	257.4	247.2	236.4
55°	320.3	317.2	313.5	309.2	303.9	297.7	291.0	283.3	274.3	265.0	253.4
52.5°	331.4	328.7	325.7	322.3	317.2	311.0	304.9	297.3	289.4	279.7	269.3
50°	347.7	342.4	337.3	332.8	328.1	322.6	316.0	309.3	301.8	293.0	283.0
47.5°	368.4	359.6	351.0	344.4	338.7	332.7	326.3	319.5	312.5	304.6	294.8
45°	389.8	379.6	368.5	359.1	350.3	343.2	336.4	329.6	322.5	314.5	305.5
42.5°	412.6	401.8	389.3	377.1	365.1	355.4	346.7	339.6	331.8	324.0	314.8
40°	444.6	427.8	414.5	398.6	383.8	369.3	359.6	349.9	341.5	332.6	323.6
37.5°	487.0	467.3	446.6	426.1	407.0	388.6	374.7	362.9	351.5	341.8	331.6
35°	536.0	510.7	484.4	458.8	435.0	412.6	392.8	377.3	364.1	351.8	340.1
32.5°	600.0	563.7	529.0	497.0	465.3	437.9	414.0	393.9	377.7	363.7	349.7
30°	670.5	623.2	577.8	540.2	501.8	466.8	435.3	411.4	392.5	376.3	360.0
27.5°	784.7	693.5	635.5	583.8	539.6	498.9	461.2	427.1	406.2	388.9	371.3
25°	1032.6	814.8	708.6	639.2	581.9	529.6	486.6	447.6	418.5	399.7	377.4
22.5°	1507.4	1092.4	819.2	698.4	628.5	565.9	512.3	468.4	428.2	404.4	381.5
20°	2448.4	1516.8	1049.3	796.5	679.8	601.3	538.2	488.6	444.1	409.8	384.3
17.5°	3719.9	2342.1	1340.2	923.7	748.2	645.6	567.3	507.3	458.4	415.6	386.0
15°	5082.2	3279.2	1950.0	1163.6	820.5	683.1	591.4	524.4	471.7	424.5	390.3
12.5°	6636.3	4260.1	2512.6	1358.1	905.4	724.7	618.0	543.2	484.9	435.0	397.2
10°	8028.0	5251.3	3161.1	1762.2	1047.8	766.5	642.6	559.9	497.2	443.7	402.5
7.5°	9162.5	6186.4	3748.0	2063.3	1154.8	799.7	663.2	573.9	507.4	450.1	406.4
5°	9887.8	6876.2	4215.6	2288.7	1229.3	821.8	677.3	584.4	515.0	454.1	408.9
2.5°	10401.7	7333.0	4511.4	2420.1	1269.1	833.7	687.2	590.7	520.7	459.1	412.8
0°	10427.0	7487.7	4611.6	2533.9	1277.1	837.2	694.6	592.7	523.5	462.4	415.5
-2.5°	10401.7	7333.0	4511.4	2420.1	1269.1	833.7	687.2	590.7	520.7	459.1	412.8
-5°	9887.8	6876.2	4215.6	2288.7	1229.3	821.8	677.3	584.4	515.0	454.1	408.9
-7.5°	9162.5	6186.4	3748.0	2063.3	1154.8	799.7	663.2	573.9	507.4	450.1	406.4
-10°	8028.0	5251.3	3161.1	1762.2	1047.8	766.5	642.6	559.9	497.2	443.7	402.5
-12.5°	6636.3	4260.1	2512.6	1358.1	905.4	724.7	618.0	543.2	484.9	435.0	397.2
-15°	5082.2	3279.2	1950.0	1163.6	820.5	683.1	591.4	524.4	471.7	424.5	390.3
-17.5°	3719.9	2342.1	1340.2	923.7	748.2	645.6	567.3	507.3	458.4	415.6	386.0
-20°	2448.4	1516.8	1049.3	796.5	679.8	601.3	538.2	488.6	444.1	409.8	384.3



REPORT NUMBER: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1507.4	1092.4	819.2	698.4	628.5	565.9	512.3	468.4	428.2	404.4	381.5
-25°	1032.6	814.8	708.6	639.2	581.9	529.6	486.6	447.6	418.5	399.7	377.4
-27.5°	784.7	693.5	635.5	583.8	539.6	498.9	461.2	427.1	406.2	388.9	371.3
-30°	670.5	623.2	577.8	540.2	501.8	466.8	435.3	411.4	392.5	376.3	360.0
-32.5°	600.0	563.7	529.0	497.0	465.3	437.9	414.0	393.9	377.7	363.7	349.7
-35°	536.0	510.7	484.4	458.8	435.0	412.6	392.8	377.3	364.1	351.8	340.1
-37.5°	487.0	467.3	446.6	426.1	407.0	388.6	374.7	362.9	351.5	341.8	331.6
-40°	444.6	427.8	414.5	398.6	383.8	369.3	359.6	349.9	341.5	332.6	323.6
-42.5°	412.6	401.8	389.3	377.1	365.1	355.4	346.7	339.6	331.8	324.0	314.8
-45°	389.8	379.6	368.5	359.1	350.3	343.2	336.4	329.6	322.5	314.5	305.5
-47.5°	368.4	359.6	351.0	344.4	338.7	332.7	326.3	319.5	312.5	304.6	294.8
-50°	347.7	342.4	337.3	332.8	328.1	322.6	316.0	309.3	301.8	293.0	283.0
-52.5°	331.4	328.7	325.7	322.3	317.2	311.0	304.9	297.3	289.4	279.7	269.3
-55°	320.3	317.2	313.5	309.2	303.9	297.7	291.0	283.3	274.3	265.0	253.4
-57.5°	307.9	303.8	299.2	294.2	288.9	282.2	274.8	266.9	257.4	247.2	236.4
-60°	291.6	287.3	282.2	276.7	270.7	264.2	256.1	247.5	238.5	228.4	217.8
-62.5°	271.4	267.1	261.9	255.8	249.4	242.7	235.0	226.4	217.7	208.6	198.3
-65°	246.9	241.9	237.0	231.6	225.4	218.6	211.4	203.8	195.8	187.2	177.8
-67.5°	220.4	215.9	211.2	205.9	199.9	193.5	187.0	180.3	173.1	165.6	156.9
-70°	192.5	188.5	184.0	179.2	173.8	168.2	162.5	156.6	150.4	143.1	134.7
-72.5°	163.0	159.3	155.4	151.3	147.1	142.4	137.2	131.5	125.2	118.3	111.6
-75°	133.0	130.2	127.2	123.7	119.8	115.5	110.9	106.1	101.1	95.7	90.2
-77.5°	103.7	101.4	98.7	95.8	92.7	89.5	86.1	82.2	78.1	74.1	69.9
-80°	75.5	73.2	70.8	68.8	66.6	64.1	61.3	58.6	55.8	53.1	50.3
-82.5°	49.7	48.2	46.7	45.4	44.0	42.4	40.8	38.9	36.8	34.3	31.7
-85°	28.3	27.6	26.8	26.1	25.4	24.7	23.9	22.7	21.4	20.2	18.9
-87.5°	10.5	9.9	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
-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: P558959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.7
85°	18.1	17.1	16.1	14.9	13.6	12.2	11.3	10.3	9.3	8.3	7.3
82.5°	29.7	28.3	27.0	25.4	23.7	21.9	19.8	17.6	15.1	12.7	11.0
80°	47.1	43.9	40.8	37.6	34.5	31.5	29.0	26.1	22.6	19.2	15.9
77.5°	65.4	60.7	55.8	51.4	47.2	43.0	38.9	34.7	30.0	25.7	21.5
75°	84.4	78.7	72.8	66.8	60.6	54.4	49.2	44.0	38.3	32.2	27.0
72.5°	105.1	98.1	90.6	82.7	75.5	68.1	60.5	53.2	46.8	39.9	32.8
70°	126.3	118.0	109.7	100.5	91.0	81.8	73.1	64.2	55.2	47.6	39.6
67.5°	147.5	137.6	128.0	117.9	107.2	96.4	85.7	75.6	65.5	55.2	46.4
65°	167.7	156.9	145.5	134.3	122.7	110.9	98.9	87.0	75.6	64.2	53.1
62.5°	187.5	176.2	163.7	150.6	137.8	124.9	111.8	98.8	85.7	73.1	60.5
60°	206.6	194.5	181.3	167.1	152.7	138.6	124.5	110.4	96.1	81.8	68.1
57.5°	224.4	212.1	197.8	182.9	167.5	152.0	136.9	121.7	106.3	90.7	75.5
55°	241.5	228.2	213.6	198.0	181.7	165.1	149.0	132.7	116.3	99.6	82.7
52.5°	257.2	243.4	228.3	212.3	195.4	178.0	161.1	143.5	126.0	108.2	90.2
50°	271.4	257.6	242.1	225.7	208.4	190.5	172.9	154.3	135.3	116.5	97.6
47.5°	283.9	270.3	255.0	238.3	220.4	202.6	184.0	164.8	144.4	124.6	104.8
45°	294.5	282.0	266.9	249.9	232.4	213.9	194.6	175.1	153.7	132.5	111.8
42.5°	304.5	292.2	277.7	261.0	243.5	224.8	204.6	184.3	162.6	140.0	118.5
40°	313.1	301.6	287.8	271.5	254.3	235.4	214.2	192.9	171.3	147.4	124.8
37.5°	321.2	309.8	296.4	282.1	264.6	245.0	223.6	201.0	179.2	154.7	130.8
35°	328.7	317.1	305.3	291.2	274.1	254.3	232.6	208.8	186.0	161.5	136.6
32.5°	336.2	324.0	312.2	299.0	283.2	263.2	240.9	216.4	192.4	167.9	142.0
30°	344.5	330.2	318.4	306.2	291.4	271.3	248.3	223.2	198.3	173.8	147.1
27.5°	351.2	335.2	323.9	311.9	297.6	278.8	254.8	229.4	203.9	179.0	151.9
25°	356.7	340.2	328.0	316.7	303.3	284.9	260.8	235.0	209.0	183.6	156.3
22.5°	361.1	344.3	331.2	321.0	308.5	290.4	265.9	239.8	213.6	187.7	160.3
20°	363.5	347.3	333.7	324.7	313.0	294.4	270.4	244.1	217.6	191.4	163.8
17.5°	364.4	349.6	336.7	327.1	316.3	298.4	274.3	247.9	221.1	194.7	167.0
15°	367.8	351.7	338.9	329.1	319.1	302.4	277.6	251.1	224.0	197.6	169.7
12.5°	371.4	353.3	340.4	330.7	321.4	306.2	280.3	253.8	226.3	200.1	172.0
10°	374.5	354.4	341.2	332.0	323.3	309.7	282.5	256.0	228.7	202.1	173.9
7.5°	377.0	354.9	341.4	333.0	324.7	312.5	284.5	257.6	230.7	203.7	175.3
5°	378.9	355.1	341.2	333.6	326.0	314.3	286.0	258.6	232.4	204.8	176.4
2.5°	380.4	355.0	340.9	334.0	327.1	315.3	286.9	258.9	233.5	205.5	177.0
0°	380.9	354.4	340.2	334.1	327.9	315.7	287.2	258.7	234.2	205.7	177.2
-2.5°	380.4	355.0	340.9	334.0	327.1	315.3	286.9	258.9	233.5	205.5	177.0
-5°	378.9	355.1	341.2	333.6	326.0	314.3	286.0	258.6	232.4	204.8	176.4
-7.5°	377.0	354.9	341.4	333.0	324.7	312.5	284.5	257.6	230.7	203.7	175.3
-10°	374.5	354.4	341.2	332.0	323.3	309.7	282.5	256.0	228.7	202.1	173.9
-12.5°	371.4	353.3	340.4	330.7	321.4	306.2	280.3	253.8	226.3	200.1	172.0
-15°	367.8	351.7	338.9	329.1	319.1	302.4	277.6	251.1	224.0	197.6	169.7
-17.5°	364.4	349.6	336.7	327.1	316.3	298.4	274.3	247.9	221.1	194.7	167.0
-20°	363.5	347.3	333.7	324.7	313.0	294.4	270.4	244.1	217.6	191.4	163.8



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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°	361.1	344.3	331.2	321.0	308.5	290.4	265.9	239.8	213.6	187.7	160.3
-25°	356.7	340.2	328.0	316.7	303.3	284.9	260.8	235.0	209.0	183.6	156.3
-27.5°	351.2	335.2	323.9	311.9	297.6	278.8	254.8	229.4	203.9	179.0	151.9
-30°	344.5	330.2	318.4	306.2	291.4	271.3	248.3	223.2	198.3	173.8	147.1
-32.5°	336.2	324.0	312.2	299.0	283.2	263.2	240.9	216.4	192.4	167.9	142.0
-35°	328.7	317.1	305.3	291.2	274.1	254.3	232.6	208.8	186.0	161.5	136.6
-37.5°	321.2	309.8	296.4	282.1	264.6	245.0	223.6	201.0	179.2	154.7	130.8
-40°	313.1	301.6	287.8	271.5	254.3	235.4	214.2	192.9	171.3	147.4	124.8
-42.5°	304.5	292.2	277.7	261.0	243.5	224.8	204.6	184.3	162.6	140.0	118.5
-45°	294.5	282.0	266.9	249.9	232.4	213.9	194.6	175.1	153.7	132.5	111.8
-47.5°	283.9	270.3	255.0	238.3	220.4	202.6	184.0	164.8	144.4	124.6	104.8
-50°	271.4	257.6	242.1	225.7	208.4	190.5	172.9	154.3	135.3	116.5	97.6
-52.5°	257.2	243.4	228.3	212.3	195.4	178.0	161.1	143.5	126.0	108.2	90.2
-55°	241.5	228.2	213.6	198.0	181.7	165.1	149.0	132.7	116.3	99.6	82.7
-57.5°	224.4	212.1	197.8	182.9	167.5	152.0	136.9	121.7	106.3	90.7	75.5
-60°	206.6	194.5	181.3	167.1	152.7	138.6	124.5	110.4	96.1	81.8	68.1
-62.5°	187.5	176.2	163.7	150.6	137.8	124.9	111.8	98.8	85.7	73.1	60.5
-65°	167.7	156.9	145.5	134.3	122.7	110.9	98.9	87.0	75.6	64.2	53.1
-67.5°	147.5	137.6	128.0	117.9	107.2	96.4	85.7	75.6	65.5	55.2	46.4
-70°	126.3	118.0	109.7	100.5	91.0	81.8	73.1	64.2	55.2	47.6	39.6
-72.5°	105.1	98.1	90.6	82.7	75.5	68.1	60.5	53.2	46.8	39.9	32.8
-75°	84.4	78.7	72.8	66.8	60.6	54.4	49.2	44.0	38.3	32.2	27.0
-77.5°	65.4	60.7	55.8	51.4	47.2	43.0	38.9	34.7	30.0	25.7	21.5
-80°	47.1	43.9	40.8	37.6	34.5	31.5	29.0	26.1	22.6	19.2	15.9
-82.5°	29.7	28.3	27.0	25.4	23.7	21.9	19.8	17.6	15.1	12.7	11.0
-85°	18.1	17.1	16.1	14.9	13.6	12.2	11.3	10.3	9.3	8.3	7.3
-87.5°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
82.5°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
80°	12.8	10.5	8.4	6.3	4.2	2.1	0.0
77.5°	17.5	13.6	10.5	7.9	5.3	2.6	0.0
75°	22.1	17.6	12.8	9.4	6.3	3.2	0.0
72.5°	26.8	21.6	16.0	11.0	7.3	3.7	0.0
70°	31.5	25.5	19.3	12.7	8.3	4.2	0.0
67.5°	37.4	29.4	22.4	15.1	9.3	4.7	0.0
65°	43.2	33.7	25.6	17.5	10.3	5.2	0.0
62.5°	48.9	38.3	28.7	19.9	11.3	5.6	0.0
60°	54.4	42.9	31.7	22.2	12.2	6.1	0.0
57.5°	60.6	47.3	35.2	24.5	13.7	6.6	0.0
55°	66.8	51.5	38.6	26.7	15.2	7.0	0.0
52.5°	72.8	55.8	41.8	28.8	16.6	7.4	0.0
50°	78.7	60.7	45.0	30.9	18.0	7.8	0.0
47.5°	84.4	65.4	48.0	33.0	19.3	8.2	0.0
45°	90.4	69.9	50.9	35.2	20.6	8.6	0.0
42.5°	96.1	74.2	53.7	37.3	21.9	9.0	0.0
40°	101.7	78.3	56.6	39.2	23.0	9.3	0.0
37.5°	107.0	82.2	59.8	41.1	24.2	9.7	0.0
35°	112.0	86.2	62.7	42.8	25.2	10.0	0.0
32.5°	116.8	90.2	65.5	44.4	26.2	10.3	0.0
30°	121.1	93.9	68.1	46.0	27.1	10.6	0.0
27.5°	125.1	97.4	70.6	47.4	28.0	10.8	0.0
25°	128.9	100.6	72.9	48.7	28.8	11.1	0.0
22.5°	132.3	103.5	75.1	49.9	29.5	11.3	0.0
20°	135.3	106.2	77.1	50.9	30.1	11.5	0.0
17.5°	138.0	108.6	78.8	51.9	30.7	11.6	0.0
15°	140.3	110.6	80.4	52.7	31.2	11.8	0.0
12.5°	142.2	112.3	81.8	53.4	31.6	11.9	0.0
10°	143.8	113.7	83.0	54.0	32.0	12.0	0.0
7.5°	145.1	114.7	84.0	54.4	32.3	12.1	0.0
5°	146.0	115.5	84.8	54.7	32.4	12.2	0.0
2.5°	146.5	116.0	85.3	54.9	32.6	12.2	0.0
0°	146.7	116.1	85.6	55.0	32.6	12.2	0.0
-2.5°	146.5	116.0	85.3	54.9	32.6	12.2	0.0
-5°	146.0	115.5	84.8	54.7	32.4	12.2	0.0
-7.5°	145.1	114.7	84.0	54.4	32.3	12.1	0.0
-10°	143.8	113.7	83.0	54.0	32.0	12.0	0.0
-12.5°	142.2	112.3	81.8	53.4	31.6	11.9	0.0
-15°	140.3	110.6	80.4	52.7	31.2	11.8	0.0
-17.5°	138.0	108.6	78.8	51.9	30.7	11.6	0.0
-20°	135.3	106.2	77.1	50.9	30.1	11.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	132.3	103.5	75.1	49.9	29.5	11.3	0.0
-25°	128.9	100.6	72.9	48.7	28.8	11.1	0.0
-27.5°	125.1	97.4	70.6	47.4	28.0	10.8	0.0
-30°	121.1	93.9	68.1	46.0	27.1	10.6	0.0
-32.5°	116.8	90.2	65.5	44.4	26.2	10.3	0.0
-35°	112.0	86.2	62.7	42.8	25.2	10.0	0.0
-37.5°	107.0	82.2	59.8	41.1	24.2	9.7	0.0
-40°	101.7	78.3	56.6	39.2	23.0	9.3	0.0
-42.5°	96.1	74.2	53.7	37.3	21.9	9.0	0.0
-45°	90.4	69.9	50.9	35.2	20.6	8.6	0.0
-47.5°	84.4	65.4	48.0	33.0	19.3	8.2	0.0
-50°	78.7	60.7	45.0	30.9	18.0	7.8	0.0
-52.5°	72.8	55.8	41.8	28.8	16.6	7.4	0.0
-55°	66.8	51.5	38.6	26.7	15.2	7.0	0.0
-57.5°	60.6	47.3	35.2	24.5	13.7	6.6	0.0
-60°	54.4	42.9	31.7	22.2	12.2	6.1	0.0
-62.5°	48.9	38.3	28.7	19.9	11.3	5.6	0.0
-65°	43.2	33.7	25.6	17.5	10.3	5.2	0.0
-67.5°	37.4	29.4	22.4	15.1	9.3	4.7	0.0
-70°	31.5	25.5	19.3	12.7	8.3	4.2	0.0
-72.5°	26.8	21.6	16.0	11.0	7.3	3.7	0.0
-75°	22.1	17.6	12.8	9.4	6.3	3.2	0.0
-77.5°	17.5	13.6	10.5	7.9	5.3	2.6	0.0
-80°	12.8	10.5	8.4	6.3	4.2	2.1	0.0
-82.5°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
-85°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
-87.5°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)