

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: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-935-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

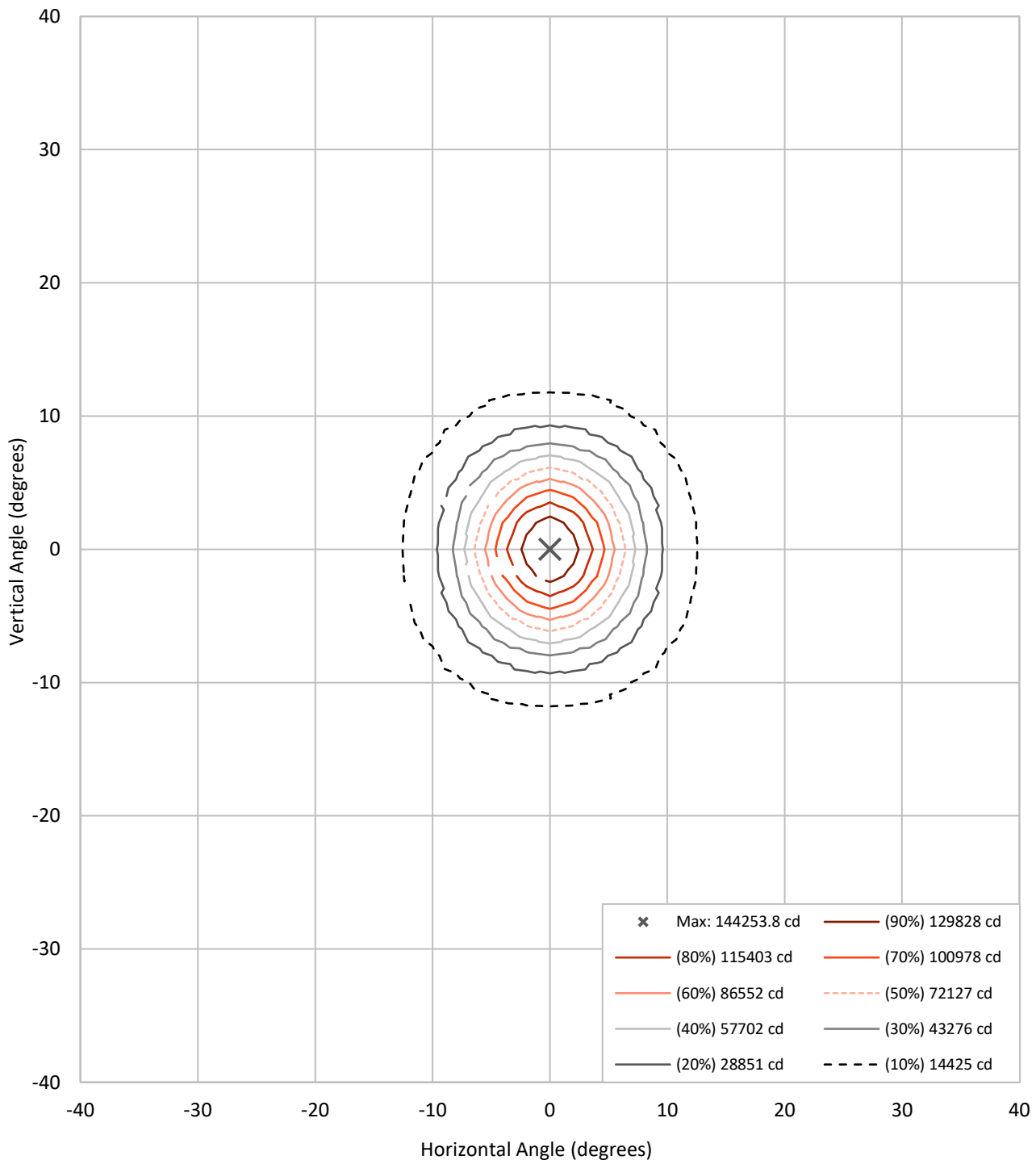
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10456.5 lumens	Max Intensity:	144253.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3304.1 lumens	Field Lumens:	7319.7 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 91
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



REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





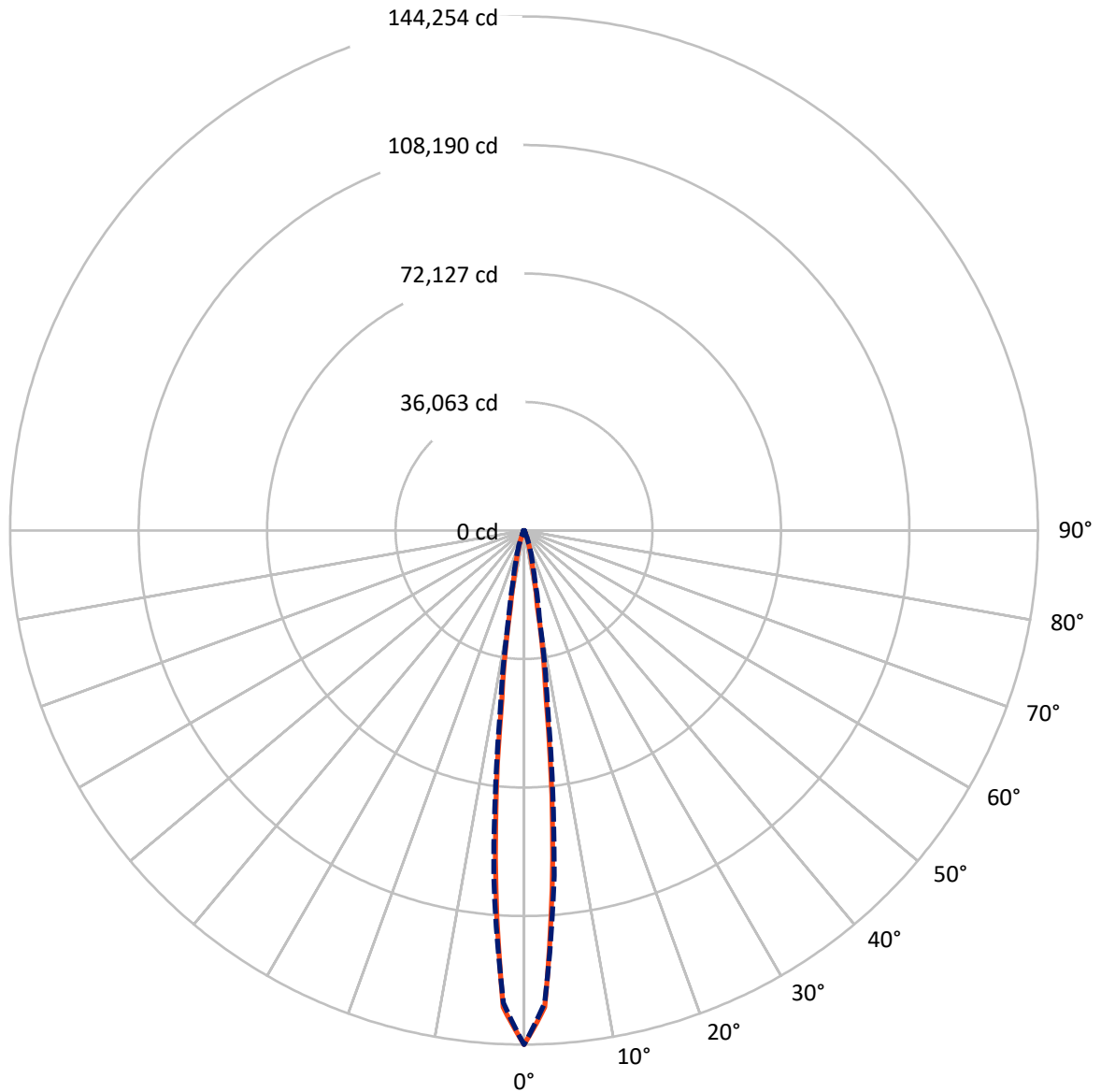
REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	1.2		3.3		5.4		6.3		5.4		3.3		1.2		0.1			
80	0.1	1.2		3.3		5.4		6.3		5.4		3.3		1.2		0.1			
70	0.5	0.6	1.4	2.2	3.1	3.8	4.3	4.6	4.6	4.3	3.8	3.1	2.2	1.4	0.6	0.5			
60		1.0	2.0	3.1	4.0	4.7	5.1	5.3	5.3	5.1	4.7	4.0	3.1	2.0	1.0				
50	1.0	1.3	2.5	3.6	4.4	5.2	5.8	6.1	6.1	5.8	5.2	4.4	3.6	2.5	1.3	1.0			
40		1.6	2.8	3.9	4.9	6.4	8.0	9.0	9.0	8.0	6.4	4.9	3.9	2.8	1.6				
30	1.4	1.7	2.9	4.1	5.8	9.0	20.1	36.5	36.5	20.1	9.0	5.8	4.1	2.9	1.7	1.4			
20		1.8	3.0	4.3	6.9	19.4	109.6	241.2	241.2	109.6	19.4	6.9	4.3	3.0	1.8				
10	1.5	1.9	3.1	4.5	7.6	37.3	263.2	1702.7	1702.7	263.2	37.3	7.6	4.5	3.1	1.9	1.5			
0		1.9	3.1	4.5	7.6	37.3	263.2	1702.7	1702.7	263.2	37.3	7.6	4.5	3.1	1.9				
-10	1.4	1.8	3.0	4.3	6.9	19.4	109.6	241.2	241.2	109.6	19.4	6.9	4.3	3.0	1.8	1.4			
-20		1.7	2.9	4.1	5.8	9.0	20.1	36.5	36.5	20.1	9.0	5.8	4.1	2.9	1.7				
-30	1.0	1.6	2.8	3.9	4.9	6.4	8.0	9.0	9.0	8.0	6.4	4.9	3.9	2.8	1.6	1.0			
-40		1.3	2.5	3.6	4.4	5.2	5.8	6.1	6.1	5.8	5.2	4.4	3.6	2.5	1.3				
-50	0.5	1.0	2.0	3.1	4.0	4.7	5.1	5.3	5.3	5.1	4.7	4.0	3.1	2.0	1.0	0.5			
-60		0.6	1.4	2.2	3.1	3.8	4.3	4.6	4.6	4.3	3.8	3.1	2.2	1.4	0.6				
-70	0.1	1.2		3.3		5.4		6.3		5.4		3.3		1.2		0.1			
-80		1.2		3.3		5.4		6.3		5.4		3.3		1.2					
-90	0.1	1.2		3.3		5.4		6.3		5.4		3.3		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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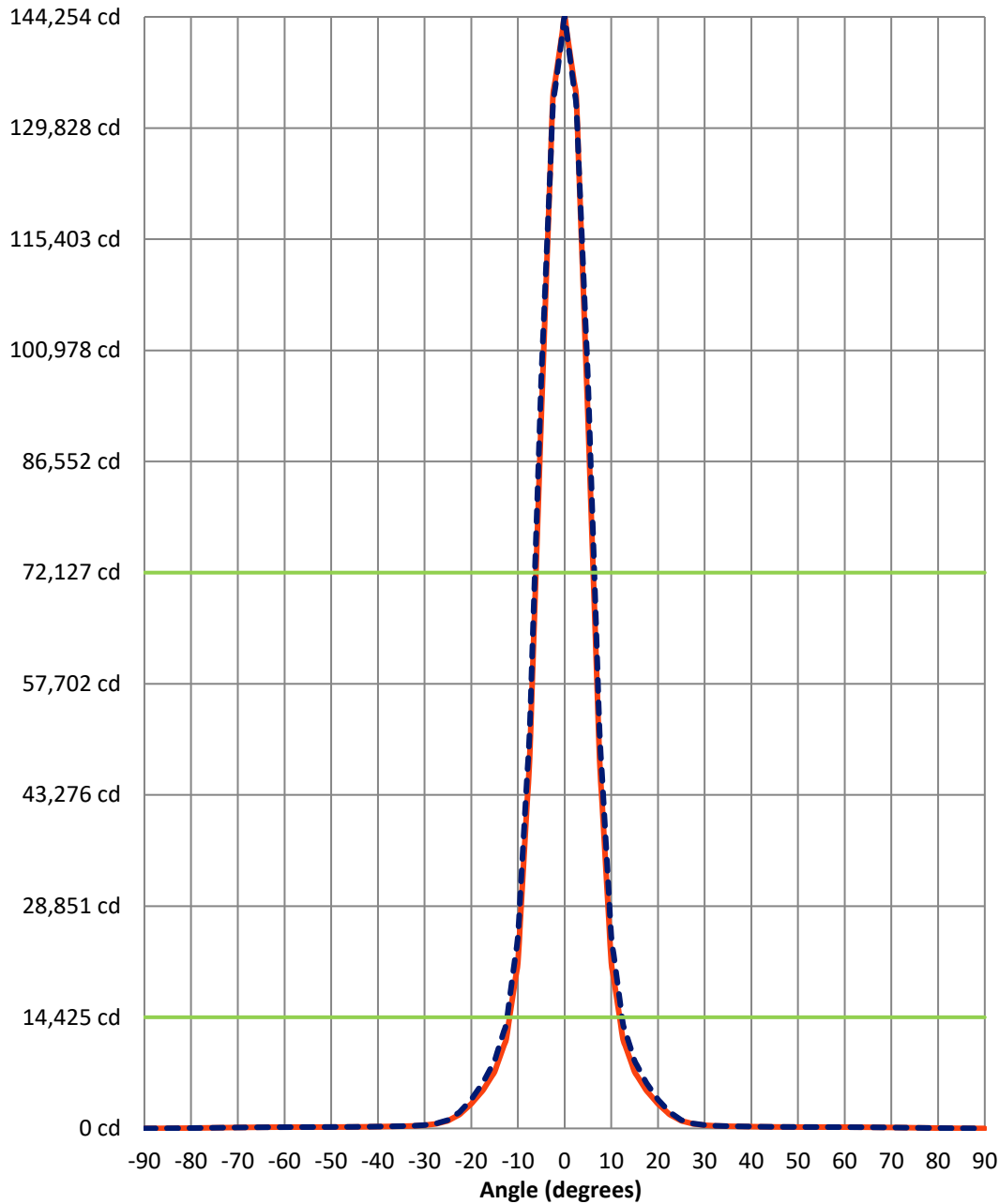
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 3304.1
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 7319.7
Efficiency: 70.0%

Spill:
Lumens: 3136.8
Efficiency: 30.0%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	0.3	0.7	1.0	1.3	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.7	1.4	2.0	2.5	3.1	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	1.0	2.0	3.0	3.8	4.6	5.3	6.1	7.0	8.3	9.6
80°	0.0	1.4	2.7	3.9	5.1	6.1	7.1	8.8	10.5	12.3	14.1
77.5°	0.0	1.7	3.4	4.9	6.3	7.8	9.6	11.7	13.9	16.2	18.6
75°	0.0	2.0	4.0	5.9	7.6	9.9	12.1	14.6	17.3	20.4	23.4
72.5°	0.0	2.3	4.7	6.8	9.3	11.9	14.5	17.6	21.3	24.8	28.2
70°	0.0	2.7	5.3	7.8	10.9	13.9	17.0	21.1	25.3	29.2	34.7
67.5°	0.0	3.0	6.0	9.0	12.5	15.9	20.0	24.6	29.2	35.3	41.5
65°	0.0	3.3	6.6	10.2	14.0	18.1	23.0	28.1	34.4	41.1	48.3
62.5°	0.0	3.6	7.2	11.3	15.6	20.5	25.9	32.1	39.3	47.0	55.4
60°	0.0	3.9	7.8	12.5	17.1	22.8	28.8	36.3	44.2	53.2	62.3
57.5°	0.0	4.2	8.5	13.6	18.8	25.1	32.2	40.3	49.4	59.3	69.2
55°	0.0	4.5	9.2	14.6	20.6	27.3	35.6	44.3	54.7	65.2	76.1
52.5°	0.0	4.7	9.9	15.7	22.3	29.5	38.9	48.7	59.8	71.3	82.8
50°	0.0	5.0	10.6	16.7	23.9	32.2	42.1	53.1	64.8	77.1	89.5
47.5°	0.0	5.3	11.2	17.7	25.5	34.8	45.2	57.3	69.8	82.8	96.0
45°	0.0	5.5	11.8	18.8	27.0	37.2	48.6	61.3	74.7	88.4	102.3
42.5°	0.0	5.7	12.4	19.9	28.4	39.6	51.9	65.2	79.3	93.9	107.7
40°	0.0	6.0	13.0	20.9	30.0	41.9	55.0	69.1	83.9	99.2	112.8
37.5°	0.0	6.2	13.5	21.9	31.7	44.0	57.9	72.8	88.3	104.0	117.6
35°	0.0	6.4	14.0	22.7	33.3	46.2	60.7	76.3	92.4	108.0	122.0
32.5°	0.0	6.6	14.5	23.5	34.8	48.4	63.3	79.6	96.3	111.7	125.7
30°	0.0	6.8	14.9	24.3	36.3	50.4	65.9	82.7	99.9	115.3	129.2
27.5°	0.0	6.9	15.3	25.0	37.6	52.2	68.4	85.6	103.0	118.5	132.4
25°	0.0	7.1	15.7	25.6	38.8	53.9	70.6	88.2	105.6	121.3	135.3
22.5°	0.0	7.2	16.0	26.1	39.8	55.4	72.6	90.6	108.0	123.6	137.5
20°	0.0	7.3	16.3	26.6	40.8	56.8	74.5	92.7	110.1	125.8	139.6
17.5°	0.0	7.4	16.6	27.1	41.7	58.1	76.1	94.6	112.0	127.6	141.4
15°	0.0	7.5	16.8	27.4	42.5	59.2	77.5	96.2	113.6	129.2	142.9
12.5°	0.0	7.6	17.0	27.7	43.2	60.1	78.8	97.5	114.9	130.5	144.3
10°	0.0	7.7	17.2	27.9	43.7	60.8	79.8	98.5	116.0	131.6	145.3
7.5°	0.0	7.7	17.3	28.1	44.1	61.4	80.6	99.3	116.8	132.4	146.1
5°	0.0	7.8	17.4	28.2	44.4	61.9	81.1	99.8	117.3	132.9	146.5
2.5°	0.0	7.8	17.5	28.2	44.6	62.1	81.5	100.0	117.5	133.1	146.7
0°	0.0	7.8	17.5	28.2	44.6	62.1	81.5	100.0	117.5	133.1	146.7
-2.5°	0.0	7.8	17.5	28.2	44.6	62.1	81.5	100.0	117.5	133.1	146.7
-5°	0.0	7.8	17.4	28.2	44.4	61.9	81.1	99.8	117.3	132.9	146.5
-7.5°	0.0	7.7	17.3	28.1	44.1	61.4	80.6	99.3	116.8	132.4	146.1
-10°	0.0	7.7	17.2	27.9	43.7	60.8	79.8	98.5	116.0	131.6	145.3
-12.5°	0.0	7.6	17.0	27.7	43.2	60.1	78.8	97.5	114.9	130.5	144.3
-15°	0.0	7.5	16.8	27.4	42.5	59.2	77.5	96.2	113.6	129.2	142.9
-17.5°	0.0	7.4	16.6	27.1	41.7	58.1	76.1	94.6	112.0	127.6	141.4
-20°	0.0	7.3	16.3	26.6	40.8	56.8	74.5	92.7	110.1	125.8	139.6



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 CATALOG NUMBER: GFLD-SA3B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.2	16.0	26.1	39.8	55.4	72.6	90.6	108.0	123.6	137.5
-25°	0.0	7.1	15.7	25.6	38.8	53.9	70.6	88.2	105.6	121.3	135.3
-27.5°	0.0	6.9	15.3	25.0	37.6	52.2	68.4	85.6	103.0	118.5	132.4
-30°	0.0	6.8	14.9	24.3	36.3	50.4	65.9	82.7	99.9	115.3	129.2
-32.5°	0.0	6.6	14.5	23.5	34.8	48.4	63.3	79.6	96.3	111.7	125.7
-35°	0.0	6.4	14.0	22.7	33.3	46.2	60.7	76.3	92.4	108.0	122.0
-37.5°	0.0	6.2	13.5	21.9	31.7	44.0	57.9	72.8	88.3	104.0	117.6
-40°	0.0	6.0	13.0	20.9	30.0	41.9	55.0	69.1	83.9	99.2	112.8
-42.5°	0.0	5.7	12.4	19.9	28.4	39.6	51.9	65.2	79.3	93.9	107.7
-45°	0.0	5.5	11.8	18.8	27.0	37.2	48.6	61.3	74.7	88.4	102.3
-47.5°	0.0	5.3	11.2	17.7	25.5	34.8	45.2	57.3	69.8	82.8	96.0
-50°	0.0	5.0	10.6	16.7	23.9	32.2	42.1	53.1	64.8	77.1	89.5
-52.5°	0.0	4.7	9.9	15.7	22.3	29.5	38.9	48.7	59.8	71.3	82.8
-55°	0.0	4.5	9.2	14.6	20.6	27.3	35.6	44.3	54.7	65.2	76.1
-57.5°	0.0	4.2	8.5	13.6	18.8	25.1	32.2	40.3	49.4	59.3	69.2
-60°	0.0	3.9	7.8	12.5	17.1	22.8	28.8	36.3	44.2	53.2	62.3
-62.5°	0.0	3.6	7.2	11.3	15.6	20.5	25.9	32.1	39.3	47.0	55.4
-65°	0.0	3.3	6.6	10.2	14.0	18.1	23.0	28.1	34.4	41.1	48.3
-67.5°	0.0	3.0	6.0	9.0	12.5	15.9	20.0	24.6	29.2	35.3	41.5
-70°	0.0	2.7	5.3	7.8	10.9	13.9	17.0	21.1	25.3	29.2	34.7
-72.5°	0.0	2.3	4.7	6.8	9.3	11.9	14.5	17.6	21.3	24.8	28.2
-75°	0.0	2.0	4.0	5.9	7.6	9.9	12.1	14.6	17.3	20.4	23.4
-77.5°	0.0	1.7	3.4	4.9	6.3	7.8	9.6	11.7	13.9	16.2	18.6
-80°	0.0	1.4	2.7	3.9	5.1	6.1	7.1	8.8	10.5	12.3	14.1
-82.5°	0.0	1.0	2.0	3.0	3.8	4.6	5.3	6.1	7.0	8.3	9.6
-85°	0.0	0.7	1.4	2.0	2.5	3.1	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.7	1.0	1.3	1.5	1.8	2.0	2.3	2.6	2.9
-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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 CATALOG NUMBER: GFLD-SA3B-935-U-TS-XX

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°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
85°	6.3	6.8	7.5	8.1	8.6	9.2	9.6	10.0	10.6	11.2	11.8
82.5°	10.7	11.6	12.4	13.1	13.8	14.5	15.2	16.3	17.8	19.2	20.5
80°	15.4	16.5	18.0	19.7	21.5	23.3	25.0	26.6	28.3	30.2	32.1
77.5°	20.7	22.9	25.3	27.9	30.4	33.3	36.3	39.3	42.0	44.3	46.4
75°	26.2	29.2	33.2	37.3	41.1	44.9	48.8	52.5	55.8	58.8	61.9
72.5°	32.6	37.5	42.3	47.0	51.9	56.7	61.2	65.3	69.5	73.7	77.6
70°	40.3	45.9	51.7	57.5	63.3	68.5	73.7	79.0	84.2	88.8	93.0
67.5°	48.0	54.7	61.3	67.9	74.2	80.2	86.4	92.4	98.2	103.1	107.4
65°	55.9	63.3	70.8	78.0	84.8	91.8	98.7	105.4	110.8	115.4	119.8
62.5°	63.7	72.0	80.1	88.0	95.7	103.4	110.0	116.1	121.7	126.6	131.3
60°	71.5	80.6	89.4	98.0	106.2	113.3	120.1	126.1	131.7	137.1	141.1
57.5°	79.3	89.1	98.6	107.5	115.3	122.6	129.2	135.5	140.3	144.7	149.0
55°	86.9	97.5	107.3	116.0	123.9	130.9	137.5	142.8	147.7	151.7	156.0
52.5°	94.4	105.4	115.1	123.9	131.6	138.5	144.3	149.5	154.1	158.2	161.7
50°	101.7	112.5	122.6	130.9	138.6	145.0	150.5	155.5	159.9	163.7	166.9
47.5°	108.2	119.4	128.9	137.5	144.7	150.8	156.1	160.9	165.3	168.6	171.8
45°	114.3	125.3	135.0	143.1	150.2	155.9	161.1	166.1	169.7	173.0	175.4
42.5°	120.2	130.8	140.2	148.6	154.8	160.4	165.7	170.0	173.7	176.6	179.2
40°	125.1	136.1	145.1	152.7	159.1	164.5	169.3	173.6	177.3	180.1	182.9
37.5°	129.8	140.4	149.5	156.6	162.6	167.9	172.7	176.7	180.3	183.3	187.1
35°	134.3	144.5	152.9	159.9	165.7	170.9	175.5	179.5	183.1	187.2	191.7
32.5°	138.1	148.3	156.2	162.5	168.3	173.6	178.1	182.2	186.4	191.1	196.5
30°	141.3	151.2	159.0	164.9	170.6	175.6	180.5	185.0	189.5	195.2	202.3
27.5°	144.3	153.7	161.0	167.0	172.7	177.4	182.5	187.6	192.9	199.5	208.5
25°	147.0	156.1	162.8	168.8	174.2	179.1	184.4	189.6	196.3	205.0	216.7
22.5°	149.2	158.3	164.3	170.5	175.4	180.6	186.0	191.9	199.4	210.0	225.3
20°	151.0	159.6	165.7	171.8	176.4	182.0	187.5	193.9	202.9	216.6	234.3
17.5°	152.6	160.8	166.8	172.6	177.5	183.1	188.8	195.4	205.7	222.8	242.7
15°	154.1	161.7	167.7	173.2	178.4	184.0	190.0	197.6	209.5	228.8	250.2
12.5°	155.3	162.4	168.4	173.6	179.1	184.6	190.9	199.4	213.6	234.4	257.7
10°	156.4	163.0	168.9	174.0	179.6	184.9	191.7	200.6	216.4	237.5	262.1
7.5°	157.0	163.4	169.2	174.2	179.9	185.0	192.3	201.2	218.2	239.2	264.5
5°	157.3	163.8	169.6	174.5	180.2	185.3	192.8	201.2	218.9	239.5	265.4
2.5°	157.4	164.0	169.8	174.7	180.5	186.0	193.6	202.3	219.6	240.7	266.0
0°	157.3	164.1	169.9	174.8	180.6	186.5	194.2	203.0	219.5	241.8	266.1
-2.5°	157.4	164.0	169.8	174.7	180.5	186.0	193.6	202.3	219.6	240.7	266.0
-5°	157.3	163.8	169.6	174.5	180.2	185.3	192.8	201.2	218.9	239.5	265.4
-7.5°	157.0	163.4	169.2	174.2	179.9	185.0	192.3	201.2	218.2	239.2	264.5
-10°	156.4	163.0	168.9	174.0	179.6	184.9	191.7	200.6	216.4	237.5	262.1
-12.5°	155.3	162.4	168.4	173.6	179.1	184.6	190.9	199.4	213.6	234.4	257.7
-15°	154.1	161.7	167.7	173.2	178.4	184.0	190.0	197.6	209.5	228.8	250.2
-17.5°	152.6	160.8	166.8	172.6	177.5	183.1	188.8	195.4	205.7	222.8	242.7
-20°	151.0	159.6	165.7	171.8	176.4	182.0	187.5	193.9	202.9	216.6	234.3



REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	149.2	158.3	164.3	170.5	175.4	180.6	186.0	191.9	199.4	210.0	225.3
-25°	147.0	156.1	162.8	168.8	174.2	179.1	184.4	189.6	196.3	205.0	216.7
-27.5°	144.3	153.7	161.0	167.0	172.7	177.4	182.5	187.6	192.9	199.5	208.5
-30°	141.3	151.2	159.0	164.9	170.6	175.6	180.5	185.0	189.5	195.2	202.3
-32.5°	138.1	148.3	156.2	162.5	168.3	173.6	178.1	182.2	186.4	191.1	196.5
-35°	134.3	144.5	152.9	159.9	165.7	170.9	175.5	179.5	183.1	187.2	191.7
-37.5°	129.8	140.4	149.5	156.6	162.6	167.9	172.7	176.7	180.3	183.3	187.1
-40°	125.1	136.1	145.1	152.7	159.1	164.5	169.3	173.6	177.3	180.1	182.9
-42.5°	120.2	130.8	140.2	148.6	154.8	160.4	165.7	170.0	173.7	176.6	179.2
-45°	114.3	125.3	135.0	143.1	150.2	155.9	161.1	166.1	169.7	173.0	175.4
-47.5°	108.2	119.4	128.9	137.5	144.7	150.8	156.1	160.9	165.3	168.6	171.8
-50°	101.7	112.5	122.6	130.9	138.6	145.0	150.5	155.5	159.9	163.7	166.9
-52.5°	94.4	105.4	115.1	123.9	131.6	138.5	144.3	149.5	154.1	158.2	161.7
-55°	86.9	97.5	107.3	116.0	123.9	130.9	137.5	142.8	147.7	151.7	156.0
-57.5°	79.3	89.1	98.6	107.5	115.3	122.6	129.2	135.5	140.3	144.7	149.0
-60°	71.5	80.6	89.4	98.0	106.2	113.3	120.1	126.1	131.7	137.1	141.1
-62.5°	63.7	72.0	80.1	88.0	95.7	103.4	110.0	116.1	121.7	126.6	131.3
-65°	55.9	63.3	70.8	78.0	84.8	91.8	98.7	105.4	110.8	115.4	119.8
-67.5°	48.0	54.7	61.3	67.9	74.2	80.2	86.4	92.4	98.2	103.1	107.4
-70°	40.3	45.9	51.7	57.5	63.3	68.5	73.7	79.0	84.2	88.8	93.0
-72.5°	32.6	37.5	42.3	47.0	51.9	56.7	61.2	65.3	69.5	73.7	77.6
-75°	26.2	29.2	33.2	37.3	41.1	44.9	48.8	52.5	55.8	58.8	61.9
-77.5°	20.7	22.9	25.3	27.9	30.4	33.3	36.3	39.3	42.0	44.3	46.4
-80°	15.4	16.5	18.0	19.7	21.5	23.3	25.0	26.6	28.3	30.2	32.1
-82.5°	10.7	11.6	12.4	13.1	13.8	14.5	15.2	16.3	17.8	19.2	20.5
-85°	6.3	6.8	7.5	8.1	8.6	9.2	9.6	10.0	10.6	11.2	11.8
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
-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: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-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°	5.6	5.5	5.5	5.4	5.3	5.4	5.5	5.5	5.6	5.7	5.7
85°	12.3	12.9	13.4	13.9	14.5	14.9	15.2	15.5	15.8	16.0	16.2
82.5°	21.7	22.8	23.8	24.7	25.5	26.2	26.8	27.3	27.8	28.2	28.5
80°	33.9	35.6	37.1	38.6	40.0	41.1	42.0	42.7	43.3	44.0	44.6
77.5°	48.5	50.8	53.0	55.0	56.8	58.3	59.6	60.8	61.8	62.9	64.0
75°	64.9	67.7	70.3	72.6	74.8	76.7	78.5	80.0	81.3	82.6	83.6
72.5°	81.4	84.8	87.7	90.2	92.5	94.8	96.9	99.0	100.8	102.3	103.3
70°	96.9	100.4	103.6	106.4	109.1	111.8	114.7	117.3	119.6	121.2	122.0
67.5°	111.1	114.7	118.3	121.8	125.0	127.9	130.7	133.3	135.6	137.1	138.1
65°	123.9	127.9	131.7	135.4	138.8	141.2	143.8	146.2	148.5	150.3	151.6
62.5°	135.9	139.8	143.1	146.2	149.0	151.5	154.0	156.2	158.2	159.9	161.6
60°	145.1	149.1	152.3	155.1	157.8	160.2	162.2	163.9	165.2	166.3	167.3
57.5°	153.0	156.7	160.0	162.3	164.7	167.0	168.7	169.8	170.6	171.2	171.6
55°	159.7	162.8	165.5	168.1	170.4	172.4	173.9	174.6	175.1	175.3	175.5
52.5°	165.2	168.2	170.9	173.4	175.2	176.9	178.4	178.8	179.0	179.1	179.2
50°	170.2	173.1	175.2	177.3	179.2	180.8	182.1	182.6	183.0	183.0	182.8
47.5°	174.2	176.6	179.1	181.3	183.2	184.9	186.4	187.2	187.8	188.0	188.0
45°	177.7	180.6	183.2	185.7	187.9	190.3	192.2	193.6	194.9	195.9	196.4
42.5°	181.9	184.8	187.7	191.1	194.3	197.3	200.6	203.5	206.6	209.8	212.0
40°	186.1	189.3	193.7	197.9	202.5	206.7	213.7	220.7	225.9	230.4	234.5
37.5°	190.9	195.5	200.8	206.2	213.9	221.8	230.6	239.2	246.7	253.4	258.9
35°	196.5	202.7	209.1	218.7	228.5	238.3	248.8	260.2	269.9	277.0	282.1
32.5°	203.3	211.1	221.5	233.7	245.7	258.4	271.1	283.8	293.4	303.3	313.2
30°	210.9	222.1	235.5	250.4	265.4	280.6	296.4	314.1	330.9	349.0	374.9
27.5°	220.6	234.2	249.9	267.6	285.6	303.7	331.4	361.7	406.8	442.8	503.8
25°	230.8	246.8	265.6	286.0	308.0	340.4	391.1	451.0	557.1	639.4	764.3
22.5°	242.3	261.1	281.9	305.3	340.8	401.9	488.6	642.4	856.4	1067.8	1302.9
20°	253.6	274.4	297.1	332.7	392.9	489.5	677.3	1009.9	1381.3	1910.2	2354.1
17.5°	264.4	286.4	315.3	363.3	453.6	647.8	1011.4	1581.1	2356.9	3209.4	3920.3
15°	273.8	296.3	335.2	411.3	563.7	866.3	1415.3	2384.9	3688.4	4855.6	5896.7
12.5°	281.7	308.4	356.8	450.0	659.4	1107.3	1988.0	3364.7	4956.5	6593.4	7911.0
10°	287.5	321.3	385.7	521.7	811.4	1394.1	2465.3	4201.9	6118.5	8108.1	10489.8
7.5°	291.0	330.5	407.6	574.9	946.9	1713.4	3064.1	4949.4	7150.3	9866.3	13505.2
5°	293.5	336.7	423.8	614.9	1037.5	1924.5	3442.1	5515.7	8040.7	11967.8	19456.9
2.5°	294.8	339.4	433.0	636.9	1078.8	2033.1	3708.2	5840.0	8582.3	13450.2	23579.8
0°	294.3	338.0	434.1	641.9	1084.7	2116.1	3752.4	5932.6	8765.4	13583.1	24901.6
-2.5°	294.8	339.4	433.0	636.9	1078.8	2033.1	3708.2	5840.0	8582.3	13450.2	23579.8
-5°	293.5	336.7	423.8	614.9	1037.5	1924.5	3442.1	5515.7	8040.7	11967.8	19456.9
-7.5°	291.0	330.5	407.6	574.9	946.9	1713.4	3064.1	4949.4	7150.3	9866.3	13505.2
-10°	287.5	321.3	385.7	521.7	811.4	1394.1	2465.3	4201.9	6118.5	8108.1	10489.8
-12.5°	281.7	308.4	356.8	450.0	659.4	1107.3	1988.0	3364.7	4956.5	6593.4	7911.0
-15°	273.8	296.3	335.2	411.3	563.7	866.3	1415.3	2384.9	3688.4	4855.6	5896.7
-17.5°	264.4	286.4	315.3	363.3	453.6	647.8	1011.4	1581.1	2356.9	3209.4	3920.3
-20°	253.6	274.4	297.1	332.7	392.9	489.5	677.3	1009.9	1381.3	1910.2	2354.1



REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	242.3	261.1	281.9	305.3	340.8	401.9	488.6	642.4	856.4	1067.8	1302.9
-25°	230.8	246.8	265.6	286.0	308.0	340.4	391.1	451.0	557.1	639.4	764.3
-27.5°	220.6	234.2	249.9	267.6	285.6	303.7	331.4	361.7	406.8	442.8	503.8
-30°	210.9	222.1	235.5	250.4	265.4	280.6	296.4	314.1	330.9	349.0	374.9
-32.5°	203.3	211.1	221.5	233.7	245.7	258.4	271.1	283.8	293.4	303.3	313.2
-35°	196.5	202.7	209.1	218.7	228.5	238.3	248.8	260.2	269.9	277.0	282.1
-37.5°	190.9	195.5	200.8	206.2	213.9	221.8	230.6	239.2	246.7	253.4	258.9
-40°	186.1	189.3	193.7	197.9	202.5	206.7	213.7	220.7	225.9	230.4	234.5
-42.5°	181.9	184.8	187.7	191.1	194.3	197.3	200.6	203.5	206.6	209.8	212.0
-45°	177.7	180.6	183.2	185.7	187.9	190.3	192.2	193.6	194.9	195.9	196.4
-47.5°	174.2	176.6	179.1	181.3	183.2	184.9	186.4	187.2	187.8	188.0	188.0
-50°	170.2	173.1	175.2	177.3	179.2	180.8	182.1	182.6	183.0	183.0	182.8
-52.5°	165.2	168.2	170.9	173.4	175.2	176.9	178.4	178.8	179.0	179.1	179.2
-55°	159.7	162.8	165.5	168.1	170.4	172.4	173.9	174.6	175.1	175.3	175.5
-57.5°	153.0	156.7	160.0	162.3	164.7	167.0	168.7	169.8	170.6	171.2	171.6
-60°	145.1	149.1	152.3	155.1	157.8	160.2	162.2	163.9	165.2	166.3	167.3
-62.5°	135.9	139.8	143.1	146.2	149.0	151.5	154.0	156.2	158.2	159.9	161.6
-65°	123.9	127.9	131.7	135.4	138.8	141.2	143.8	146.2	148.5	150.3	151.6
-67.5°	111.1	114.7	118.3	121.8	125.0	127.9	130.7	133.3	135.6	137.1	138.1
-70°	96.9	100.4	103.6	106.4	109.1	111.8	114.7	117.3	119.6	121.2	122.0
-72.5°	81.4	84.8	87.7	90.2	92.5	94.8	96.9	99.0	100.8	102.3	103.3
-75°	64.9	67.7	70.3	72.6	74.8	76.7	78.5	80.0	81.3	82.6	83.6
-77.5°	48.5	50.8	53.0	55.0	56.8	58.3	59.6	60.8	61.8	62.9	64.0
-80°	33.9	35.6	37.1	38.6	40.0	41.1	42.0	42.7	43.3	44.0	44.6
-82.5°	21.7	22.8	23.8	24.7	25.5	26.2	26.8	27.3	27.8	28.2	28.5
-85°	12.3	12.9	13.4	13.9	14.5	14.9	15.2	15.5	15.8	16.0	16.2
-87.5°	5.6	5.5	5.5	5.4	5.3	5.4	5.5	5.5	5.6	5.7	5.7
-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: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
85°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.5
82.5°	28.8	29.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2	27.8	27.3
80°	45.0	45.3	45.5	45.6	45.5	45.3	45.0	44.6	44.0	43.3	42.7
77.5°	64.9	65.6	65.9	66.0	65.9	65.6	64.9	64.0	62.9	61.8	60.8
75°	84.5	85.0	85.4	85.5	85.4	85.0	84.5	83.6	82.6	81.3	80.0
72.5°	104.0	104.4	105.2	105.9	105.2	104.4	104.0	103.3	102.3	100.8	99.0
70°	122.6	122.8	123.6	124.3	123.6	122.8	122.6	122.0	121.2	119.6	117.3
67.5°	138.8	139.2	139.2	138.9	139.2	139.2	138.8	138.1	137.1	135.6	133.3
65°	152.8	153.8	153.8	153.4	153.8	153.8	152.8	151.6	150.3	148.5	146.2
62.5°	163.1	164.4	165.0	165.1	165.0	164.4	163.1	161.6	159.9	158.2	156.2
60°	168.1	168.7	169.0	169.0	169.0	168.7	168.1	167.3	166.3	165.2	163.9
57.5°	171.8	171.8	171.9	171.9	171.9	171.8	171.8	171.6	171.2	170.6	169.8
55°	175.6	175.7	175.4	174.8	175.4	175.7	175.6	175.5	175.3	175.1	174.6
52.5°	179.0	178.7	178.3	177.7	178.3	178.7	179.0	179.2	179.1	179.0	178.8
50°	182.4	181.8	181.5	181.6	181.5	181.8	182.4	182.8	183.0	183.0	182.6
47.5°	187.8	187.4	187.3	187.4	187.3	187.4	187.8	188.0	188.0	187.8	187.2
45°	196.5	196.2	196.0	196.2	196.0	196.2	196.5	196.4	195.9	194.9	193.6
42.5°	213.2	213.3	213.2	213.6	213.2	213.3	213.2	212.0	209.8	206.6	203.5
40°	236.1	236.0	235.2	235.0	235.2	236.0	236.1	234.5	230.4	225.9	220.7
37.5°	261.1	261.1	260.3	260.3	260.3	261.1	261.1	258.9	253.4	246.7	239.2
35°	284.7	285.6	285.5	284.5	285.5	285.6	284.7	282.1	277.0	269.9	260.2
32.5°	320.2	325.6	328.5	327.3	328.5	325.6	320.2	313.2	303.3	293.4	283.8
30°	391.1	405.0	412.4	415.6	412.4	405.0	391.1	374.9	349.0	330.9	314.1
27.5°	547.5	578.4	592.3	597.2	592.3	578.4	547.5	503.8	442.8	406.8	361.7
25°	873.4	943.1	977.5	988.6	977.5	943.1	873.4	764.3	639.4	557.1	451.0
22.5°	1561.8	1696.1	1787.9	1808.2	1787.9	1696.1	1561.8	1302.9	1067.8	856.4	642.4
20°	2800.3	3060.0	3200.9	3188.2	3200.9	3060.0	2800.3	2354.1	1910.2	1381.3	1009.9
17.5°	4524.7	4857.7	5016.1	4942.1	5016.1	4857.7	4524.7	3920.3	3209.4	2356.9	1581.1
15°	6633.0	7082.8	7279.1	7339.8	7279.1	7082.8	6633.0	5896.7	4855.6	3688.4	2384.9
12.5°	9226.1	10701.0	11406.3	11595.2	11406.3	10701.0	9226.1	7911.0	6593.4	4956.5	3364.7
10°	12925.9	17883.4	20832.2	21552.2	20832.2	17883.4	12925.9	10489.8	8108.1	6118.5	4201.9
7.5°	21109.1	31183.2	42468.4	47812.4	42468.4	31183.2	21109.1	13505.2	9866.3	7150.3	4949.4
5°	32191.3	55870.7	81999.4	92242.3	81999.4	55870.7	32191.3	19456.9	11967.8	8040.7	5515.7
2.5°	45663.6	84360.4	120463.9	133922.5	120463.9	84360.4	45663.6	23579.8	13450.2	8582.3	5840.0
0°	51355.6	97258.2	132725.1	144253.8	132725.1	97258.2	51355.6	24901.6	13583.1	8765.4	5932.6
-2.5°	45663.6	84360.4	120463.9	133922.5	120463.9	84360.4	45663.6	23579.8	13450.2	8582.3	5840.0
-5°	32191.3	55870.7	81999.4	92242.3	81999.4	55870.7	32191.3	19456.9	11967.8	8040.7	5515.7
-7.5°	21109.1	31183.2	42468.4	47812.4	42468.4	31183.2	21109.1	13505.2	9866.3	7150.3	4949.4
-10°	12925.9	17883.4	20832.2	21552.2	20832.2	17883.4	12925.9	10489.8	8108.1	6118.5	4201.9
-12.5°	9226.1	10701.0	11406.3	11595.2	11406.3	10701.0	9226.1	7911.0	6593.4	4956.5	3364.7
-15°	6633.0	7082.8	7279.1	7339.8	7279.1	7082.8	6633.0	5896.7	4855.6	3688.4	2384.9
-17.5°	4524.7	4857.7	5016.1	4942.1	5016.1	4857.7	4524.7	3920.3	3209.4	2356.9	1581.1
-20°	2800.3	3060.0	3200.9	3188.2	3200.9	3060.0	2800.3	2354.1	1910.2	1381.3	1009.9



REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1561.8	1696.1	1787.9	1808.2	1787.9	1696.1	1561.8	1302.9	1067.8	856.4	642.4
-25°	873.4	943.1	977.5	988.6	977.5	943.1	873.4	764.3	639.4	557.1	451.0
-27.5°	547.5	578.4	592.3	597.2	592.3	578.4	547.5	503.8	442.8	406.8	361.7
-30°	391.1	405.0	412.4	415.6	412.4	405.0	391.1	374.9	349.0	330.9	314.1
-32.5°	320.2	325.6	328.5	327.3	328.5	325.6	320.2	313.2	303.3	293.4	283.8
-35°	284.7	285.6	285.5	284.5	285.5	285.6	284.7	282.1	277.0	269.9	260.2
-37.5°	261.1	261.1	260.3	260.3	260.3	261.1	261.1	258.9	253.4	246.7	239.2
-40°	236.1	236.0	235.2	235.0	235.2	236.0	236.1	234.5	230.4	225.9	220.7
-42.5°	213.2	213.3	213.2	213.6	213.2	213.3	213.2	212.0	209.8	206.6	203.5
-45°	196.5	196.2	196.0	196.2	196.0	196.2	196.5	196.4	195.9	194.9	193.6
-47.5°	187.8	187.4	187.3	187.4	187.3	187.4	187.8	188.0	188.0	187.8	187.2
-50°	182.4	181.8	181.5	181.6	181.5	181.8	182.4	182.8	183.0	183.0	182.6
-52.5°	179.0	178.7	178.3	177.7	178.3	178.7	179.0	179.2	179.1	179.0	178.8
-55°	175.6	175.7	175.4	174.8	175.4	175.7	175.6	175.5	175.3	175.1	174.6
-57.5°	171.8	171.8	171.9	171.9	171.9	171.8	171.8	171.6	171.2	170.6	169.8
-60°	168.1	168.7	169.0	169.0	169.0	168.7	168.1	167.3	166.3	165.2	163.9
-62.5°	163.1	164.4	165.0	165.1	165.0	164.4	163.1	161.6	159.9	158.2	156.2
-65°	152.8	153.8	153.8	153.4	153.8	153.8	152.8	151.6	150.3	148.5	146.2
-67.5°	138.8	139.2	139.2	138.9	139.2	139.2	138.8	138.1	137.1	135.6	133.3
-70°	122.6	122.8	123.6	124.3	123.6	122.8	122.6	122.0	121.2	119.6	117.3
-72.5°	104.0	104.4	105.2	105.9	105.2	104.4	104.0	103.3	102.3	100.8	99.0
-75°	84.5	85.0	85.4	85.5	85.4	85.0	84.5	83.6	82.6	81.3	80.0
-77.5°	64.9	65.6	65.9	66.0	65.9	65.6	64.9	64.0	62.9	61.8	60.8
-80°	45.0	45.3	45.5	45.6	45.5	45.3	45.0	44.6	44.0	43.3	42.7
-82.5°	28.8	29.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2	27.8	27.3
-85°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.5
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
-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: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-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°	5.5	5.4	5.3	5.4	5.5	5.5	5.6	5.4	5.2	5.0	4.8
85°	15.2	14.9	14.5	13.9	13.4	12.9	12.3	11.8	11.2	10.6	10.0
82.5°	26.8	26.2	25.5	24.7	23.8	22.8	21.7	20.5	19.2	17.8	16.3
80°	42.0	41.1	40.0	38.6	37.1	35.6	33.9	32.1	30.2	28.3	26.6
77.5°	59.6	58.3	56.8	55.0	53.0	50.8	48.5	46.4	44.3	42.0	39.3
75°	78.5	76.7	74.8	72.6	70.3	67.7	64.9	61.9	58.8	55.8	52.5
72.5°	96.9	94.8	92.5	90.2	87.7	84.8	81.4	77.6	73.7	69.5	65.3
70°	114.7	111.8	109.1	106.4	103.6	100.4	96.9	93.0	88.8	84.2	79.0
67.5°	130.7	127.9	125.0	121.8	118.3	114.7	111.1	107.4	103.1	98.2	92.4
65°	143.8	141.2	138.8	135.4	131.7	127.9	123.9	119.8	115.4	110.8	105.4
62.5°	154.0	151.5	149.0	146.2	143.1	139.8	135.9	131.3	126.6	121.7	116.1
60°	162.2	160.2	157.8	155.1	152.3	149.1	145.1	141.1	137.1	131.7	126.1
57.5°	168.7	167.0	164.7	162.3	160.0	156.7	153.0	149.0	144.7	140.3	135.5
55°	173.9	172.4	170.4	168.1	165.5	162.8	159.7	156.0	151.7	147.7	142.8
52.5°	178.4	176.9	175.2	173.4	170.9	168.2	165.2	161.7	158.2	154.1	149.5
50°	182.1	180.8	179.2	177.3	175.2	173.1	170.2	166.9	163.7	159.9	155.5
47.5°	186.4	184.9	183.2	181.3	179.1	176.6	174.2	171.8	168.6	165.3	160.9
45°	192.2	190.3	187.9	185.7	183.2	180.6	177.7	175.4	173.0	169.7	166.1
42.5°	200.6	197.3	194.3	191.1	187.7	184.8	181.9	179.2	176.6	173.7	170.0
40°	213.7	206.7	202.5	197.9	193.7	189.3	186.1	182.9	180.1	177.3	173.6
37.5°	230.6	221.8	213.9	206.2	200.8	195.5	190.9	187.1	183.3	180.3	176.7
35°	248.8	238.3	228.5	218.7	209.1	202.7	196.5	191.7	187.2	183.1	179.5
32.5°	271.1	258.4	245.7	233.7	221.5	211.1	203.3	196.5	191.1	186.4	182.2
30°	296.4	280.6	265.4	250.4	235.5	222.1	210.9	202.3	195.2	189.5	185.0
27.5°	331.4	303.7	285.6	267.6	249.9	234.2	220.6	208.5	199.5	192.9	187.6
25°	391.1	340.4	308.0	286.0	265.6	246.8	230.8	216.7	205.0	196.3	189.6
22.5°	488.6	401.9	340.8	305.3	281.9	261.1	242.3	225.3	210.0	199.4	191.9
20°	677.3	489.5	392.9	332.7	297.1	274.4	253.6	234.3	216.6	202.9	193.9
17.5°	1011.4	647.8	453.6	363.3	315.3	286.4	264.4	242.7	222.8	205.7	195.4
15°	1415.3	866.3	563.7	411.3	335.2	296.3	273.8	250.2	228.8	209.5	197.6
12.5°	1988.0	1107.3	659.4	450.0	356.8	308.4	281.7	257.7	234.4	213.6	199.4
10°	2465.3	1394.1	811.4	521.7	385.7	321.3	287.5	262.1	237.5	216.4	200.6
7.5°	3064.1	1713.4	946.9	574.9	407.6	330.5	291.0	264.5	239.2	218.2	201.2
5°	3442.1	1924.5	1037.5	614.9	423.8	336.7	293.5	265.4	239.5	218.9	201.2
2.5°	3708.2	2033.1	1078.8	636.9	433.0	339.4	294.8	266.0	240.7	219.6	202.3
0°	3752.4	2116.1	1084.7	641.9	434.1	338.0	294.3	266.1	241.8	219.5	203.0
-2.5°	3708.2	2033.1	1078.8	636.9	433.0	339.4	294.8	266.0	240.7	219.6	202.3
-5°	3442.1	1924.5	1037.5	614.9	423.8	336.7	293.5	265.4	239.5	218.9	201.2
-7.5°	3064.1	1713.4	946.9	574.9	407.6	330.5	291.0	264.5	239.2	218.2	201.2
-10°	2465.3	1394.1	811.4	521.7	385.7	321.3	287.5	262.1	237.5	216.4	200.6
-12.5°	1988.0	1107.3	659.4	450.0	356.8	308.4	281.7	257.7	234.4	213.6	199.4
-15°	1415.3	866.3	563.7	411.3	335.2	296.3	273.8	250.2	228.8	209.5	197.6
-17.5°	1011.4	647.8	453.6	363.3	315.3	286.4	264.4	242.7	222.8	205.7	195.4
-20°	677.3	489.5	392.9	332.7	297.1	274.4	253.6	234.3	216.6	202.9	193.9



REPORT NUMBER: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	488.6	401.9	340.8	305.3	281.9	261.1	242.3	225.3	210.0	199.4	191.9
-25°	391.1	340.4	308.0	286.0	265.6	246.8	230.8	216.7	205.0	196.3	189.6
-27.5°	331.4	303.7	285.6	267.6	249.9	234.2	220.6	208.5	199.5	192.9	187.6
-30°	296.4	280.6	265.4	250.4	235.5	222.1	210.9	202.3	195.2	189.5	185.0
-32.5°	271.1	258.4	245.7	233.7	221.5	211.1	203.3	196.5	191.1	186.4	182.2
-35°	248.8	238.3	228.5	218.7	209.1	202.7	196.5	191.7	187.2	183.1	179.5
-37.5°	230.6	221.8	213.9	206.2	200.8	195.5	190.9	187.1	183.3	180.3	176.7
-40°	213.7	206.7	202.5	197.9	193.7	189.3	186.1	182.9	180.1	177.3	173.6
-42.5°	200.6	197.3	194.3	191.1	187.7	184.8	181.9	179.2	176.6	173.7	170.0
-45°	192.2	190.3	187.9	185.7	183.2	180.6	177.7	175.4	173.0	169.7	166.1
-47.5°	186.4	184.9	183.2	181.3	179.1	176.6	174.2	171.8	168.6	165.3	160.9
-50°	182.1	180.8	179.2	177.3	175.2	173.1	170.2	166.9	163.7	159.9	155.5
-52.5°	178.4	176.9	175.2	173.4	170.9	168.2	165.2	161.7	158.2	154.1	149.5
-55°	173.9	172.4	170.4	168.1	165.5	162.8	159.7	156.0	151.7	147.7	142.8
-57.5°	168.7	167.0	164.7	162.3	160.0	156.7	153.0	149.0	144.7	140.3	135.5
-60°	162.2	160.2	157.8	155.1	152.3	149.1	145.1	141.1	137.1	131.7	126.1
-62.5°	154.0	151.5	149.0	146.2	143.1	139.8	135.9	131.3	126.6	121.7	116.1
-65°	143.8	141.2	138.8	135.4	131.7	127.9	123.9	119.8	115.4	110.8	105.4
-67.5°	130.7	127.9	125.0	121.8	118.3	114.7	111.1	107.4	103.1	98.2	92.4
-70°	114.7	111.8	109.1	106.4	103.6	100.4	96.9	93.0	88.8	84.2	79.0
-72.5°	96.9	94.8	92.5	90.2	87.7	84.8	81.4	77.6	73.7	69.5	65.3
-75°	78.5	76.7	74.8	72.6	70.3	67.7	64.9	61.9	58.8	55.8	52.5
-77.5°	59.6	58.3	56.8	55.0	53.0	50.8	48.5	46.4	44.3	42.0	39.3
-80°	42.0	41.1	40.0	38.6	37.1	35.6	33.9	32.1	30.2	28.3	26.6
-82.5°	26.8	26.2	25.5	24.7	23.8	22.8	21.7	20.5	19.2	17.8	16.3
-85°	15.2	14.9	14.5	13.9	13.4	12.9	12.3	11.8	11.2	10.6	10.0
-87.5°	5.5	5.4	5.3	5.4	5.5	5.5	5.6	5.4	5.2	5.0	4.8
-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: P558768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TS-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°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
85°	9.6	9.2	8.6	8.1	7.5	6.8	6.3	5.7	5.2	4.6	4.1
82.5°	15.2	14.5	13.8	13.1	12.4	11.6	10.7	9.6	8.3	7.0	6.1
80°	25.0	23.3	21.5	19.7	18.0	16.5	15.4	14.1	12.3	10.5	8.8
77.5°	36.3	33.3	30.4	27.9	25.3	22.9	20.7	18.6	16.2	13.9	11.7
75°	48.8	44.9	41.1	37.3	33.2	29.2	26.2	23.4	20.4	17.3	14.6
72.5°	61.2	56.7	51.9	47.0	42.3	37.5	32.6	28.2	24.8	21.3	17.6
70°	73.7	68.5	63.3	57.5	51.7	45.9	40.3	34.7	29.2	25.3	21.1
67.5°	86.4	80.2	74.2	67.9	61.3	54.7	48.0	41.5	35.3	29.2	24.6
65°	98.7	91.8	84.8	78.0	70.8	63.3	55.9	48.3	41.1	34.4	28.1
62.5°	110.0	103.4	95.7	88.0	80.1	72.0	63.7	55.4	47.0	39.3	32.1
60°	120.1	113.3	106.2	98.0	89.4	80.6	71.5	62.3	53.2	44.2	36.3
57.5°	129.2	122.6	115.3	107.5	98.6	89.1	79.3	69.2	59.3	49.4	40.3
55°	137.5	130.9	123.9	116.0	107.3	97.5	86.9	76.1	65.2	54.7	44.3
52.5°	144.3	138.5	131.6	123.9	115.1	105.4	94.4	82.8	71.3	59.8	48.7
50°	150.5	145.0	138.6	130.9	122.6	112.5	101.7	89.5	77.1	64.8	53.1
47.5°	156.1	150.8	144.7	137.5	128.9	119.4	108.2	96.0	82.8	69.8	57.3
45°	161.1	155.9	150.2	143.1	135.0	125.3	114.3	102.3	88.4	74.7	61.3
42.5°	165.7	160.4	154.8	148.6	140.2	130.8	120.2	107.7	93.9	79.3	65.2
40°	169.3	164.5	159.1	152.7	145.1	136.1	125.1	112.8	99.2	83.9	69.1
37.5°	172.7	167.9	162.6	156.6	149.5	140.4	129.8	117.6	104.0	88.3	72.8
35°	175.5	170.9	165.7	159.9	152.9	144.5	134.3	122.0	108.0	92.4	76.3
32.5°	178.1	173.6	168.3	162.5	156.2	148.3	138.1	125.7	111.7	96.3	79.6
30°	180.5	175.6	170.6	164.9	159.0	151.2	141.3	129.2	115.3	99.9	82.7
27.5°	182.5	177.4	172.7	167.0	161.0	153.7	144.3	132.4	118.5	103.0	85.6
25°	184.4	179.1	174.2	168.8	162.8	156.1	147.0	135.3	121.3	105.6	88.2
22.5°	186.0	180.6	175.4	170.5	164.3	158.3	149.2	137.5	123.6	108.0	90.6
20°	187.5	182.0	176.4	171.8	165.7	159.6	151.0	139.6	125.8	110.1	92.7
17.5°	188.8	183.1	177.5	172.6	166.8	160.8	152.6	141.4	127.6	112.0	94.6
15°	190.0	184.0	178.4	173.2	167.7	161.7	154.1	142.9	129.2	113.6	96.2
12.5°	190.9	184.6	179.1	173.6	168.4	162.4	155.3	144.3	130.5	114.9	97.5
10°	191.7	184.9	179.6	174.0	168.9	163.0	156.4	145.3	131.6	116.0	98.5
7.5°	192.3	185.0	179.9	174.2	169.2	163.4	157.0	146.1	132.4	116.8	99.3
5°	192.8	185.3	180.2	174.5	169.6	163.8	157.3	146.5	132.9	117.3	99.8
2.5°	193.6	186.0	180.5	174.7	169.8	164.0	157.4	146.7	133.1	117.5	100.0
0°	194.2	186.5	180.6	174.8	169.9	164.1	157.3	146.6	133.0	117.5	100.0
-2.5°	193.6	186.0	180.5	174.7	169.8	164.0	157.4	146.7	133.1	117.5	100.0
-5°	192.8	185.3	180.2	174.5	169.6	163.8	157.3	146.5	132.9	117.3	99.8
-7.5°	192.3	185.0	179.9	174.2	169.2	163.4	157.0	146.1	132.4	116.8	99.3
-10°	191.7	184.9	179.6	174.0	168.9	163.0	156.4	145.3	131.6	116.0	98.5
-12.5°	190.9	184.6	179.1	173.6	168.4	162.4	155.3	144.3	130.5	114.9	97.5
-15°	190.0	184.0	178.4	173.2	167.7	161.7	154.1	142.9	129.2	113.6	96.2
-17.5°	188.8	183.1	177.5	172.6	166.8	160.8	152.6	141.4	127.6	112.0	94.6
-20°	187.5	182.0	176.4	171.8	165.7	159.6	151.0	139.6	125.8	110.1	92.7



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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°	186.0	180.6	175.4	170.5	164.3	158.3	149.2	137.5	123.6	108.0	90.6
-25°	184.4	179.1	174.2	168.8	162.8	156.1	147.0	135.3	121.3	105.6	88.2
-27.5°	182.5	177.4	172.7	167.0	161.0	153.7	144.3	132.4	118.5	103.0	85.6
-30°	180.5	175.6	170.6	164.9	159.0	151.2	141.3	129.2	115.3	99.9	82.7
-32.5°	178.1	173.6	168.3	162.5	156.2	148.3	138.1	125.7	111.7	96.3	79.6
-35°	175.5	170.9	165.7	159.9	152.9	144.5	134.3	122.0	108.0	92.4	76.3
-37.5°	172.7	167.9	162.6	156.6	149.5	140.4	129.8	117.6	104.0	88.3	72.8
-40°	169.3	164.5	159.1	152.7	145.1	136.1	125.1	112.8	99.2	83.9	69.1
-42.5°	165.7	160.4	154.8	148.6	140.2	130.8	120.2	107.7	93.9	79.3	65.2
-45°	161.1	155.9	150.2	143.1	135.0	125.3	114.3	102.3	88.4	74.7	61.3
-47.5°	156.1	150.8	144.7	137.5	128.9	119.4	108.2	96.0	82.8	69.8	57.3
-50°	150.5	145.0	138.6	130.9	122.6	112.5	101.7	89.5	77.1	64.8	53.1
-52.5°	144.3	138.5	131.6	123.9	115.1	105.4	94.4	82.8	71.3	59.8	48.7
-55°	137.5	130.9	123.9	116.0	107.3	97.5	86.9	76.1	65.2	54.7	44.3
-57.5°	129.2	122.6	115.3	107.5	98.6	89.1	79.3	69.2	59.3	49.4	40.3
-60°	120.1	113.3	106.2	98.0	89.4	80.6	71.5	62.3	53.2	44.2	36.3
-62.5°	110.0	103.4	95.7	88.0	80.1	72.0	63.7	55.4	47.0	39.3	32.1
-65°	98.7	91.8	84.8	78.0	70.8	63.3	55.9	48.3	41.1	34.4	28.1
-67.5°	86.4	80.2	74.2	67.9	61.3	54.7	48.0	41.5	35.3	29.2	24.6
-70°	73.7	68.5	63.3	57.5	51.7	45.9	40.3	34.7	29.2	25.3	21.1
-72.5°	61.2	56.7	51.9	47.0	42.3	37.5	32.6	28.2	24.8	21.3	17.6
-75°	48.8	44.9	41.1	37.3	33.2	29.2	26.2	23.4	20.4	17.3	14.6
-77.5°	36.3	33.3	30.4	27.9	25.3	22.9	20.7	18.6	16.2	13.9	11.7
-80°	25.0	23.3	21.5	19.7	18.0	16.5	15.4	14.1	12.3	10.5	8.8
-82.5°	15.2	14.5	13.8	13.1	12.4	11.6	10.7	9.6	8.3	7.0	6.1
-85°	9.6	9.2	8.6	8.1	7.5	6.8	6.3	5.7	5.2	4.6	4.1
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
-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°	1.8	1.5	1.3	1.0	0.7	0.3	0.0
85°	3.5	3.1	2.5	2.0	1.4	0.7	0.0
82.5°	5.3	4.6	3.8	3.0	2.0	1.0	0.0
80°	7.1	6.1	5.1	3.9	2.7	1.4	0.0
77.5°	9.6	7.8	6.3	4.9	3.4	1.7	0.0
75°	12.1	9.9	7.6	5.9	4.0	2.0	0.0
72.5°	14.5	11.9	9.3	6.8	4.7	2.3	0.0
70°	17.0	13.9	10.9	7.8	5.3	2.7	0.0
67.5°	20.0	15.9	12.5	9.0	6.0	3.0	0.0
65°	23.0	18.1	14.0	10.2	6.6	3.3	0.0
62.5°	25.9	20.5	15.6	11.3	7.2	3.6	0.0
60°	28.8	22.8	17.1	12.5	7.8	3.9	0.0
57.5°	32.2	25.1	18.8	13.6	8.5	4.2	0.0
55°	35.6	27.3	20.6	14.6	9.2	4.5	0.0
52.5°	38.9	29.5	22.3	15.7	9.9	4.7	0.0
50°	42.1	32.2	23.9	16.7	10.6	5.0	0.0
47.5°	45.2	34.8	25.5	17.7	11.2	5.3	0.0
45°	48.6	37.2	27.0	18.8	11.8	5.5	0.0
42.5°	51.9	39.6	28.4	19.9	12.4	5.7	0.0
40°	55.0	41.9	30.0	20.9	13.0	6.0	0.0
37.5°	57.9	44.0	31.7	21.9	13.5	6.2	0.0
35°	60.7	46.2	33.3	22.7	14.0	6.4	0.0
32.5°	63.3	48.4	34.8	23.5	14.5	6.6	0.0
30°	65.9	50.4	36.3	24.3	14.9	6.8	0.0
27.5°	68.4	52.2	37.6	25.0	15.3	6.9	0.0
25°	70.6	53.9	38.8	25.6	15.7	7.1	0.0
22.5°	72.6	55.4	39.8	26.1	16.0	7.2	0.0
20°	74.5	56.8	40.8	26.6	16.3	7.3	0.0
17.5°	76.1	58.1	41.7	27.1	16.6	7.4	0.0
15°	77.5	59.2	42.5	27.4	16.8	7.5	0.0
12.5°	78.8	60.1	43.2	27.7	17.0	7.6	0.0
10°	79.8	60.8	43.7	27.9	17.2	7.7	0.0
7.5°	80.6	61.4	44.1	28.1	17.3	7.7	0.0
5°	81.1	61.9	44.4	28.2	17.4	7.8	0.0
2.5°	81.5	62.1	44.6	28.2	17.5	7.8	0.0
0°	81.6	62.2	44.7	28.2	17.5	7.8	0.0
-2.5°	81.5	62.1	44.6	28.2	17.5	7.8	0.0
-5°	81.1	61.9	44.4	28.2	17.4	7.8	0.0
-7.5°	80.6	61.4	44.1	28.1	17.3	7.7	0.0
-10°	79.8	60.8	43.7	27.9	17.2	7.7	0.0
-12.5°	78.8	60.1	43.2	27.7	17.0	7.6	0.0
-15°	77.5	59.2	42.5	27.4	16.8	7.5	0.0
-17.5°	76.1	58.1	41.7	27.1	16.6	7.4	0.0
-20°	74.5	56.8	40.8	26.6	16.3	7.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.6	55.4	39.8	26.1	16.0	7.2	0.0
-25°	70.6	53.9	38.8	25.6	15.7	7.1	0.0
-27.5°	68.4	52.2	37.6	25.0	15.3	6.9	0.0
-30°	65.9	50.4	36.3	24.3	14.9	6.8	0.0
-32.5°	63.3	48.4	34.8	23.5	14.5	6.6	0.0
-35°	60.7	46.2	33.3	22.7	14.0	6.4	0.0
-37.5°	57.9	44.0	31.7	21.9	13.5	6.2	0.0
-40°	55.0	41.9	30.0	20.9	13.0	6.0	0.0
-42.5°	51.9	39.6	28.4	19.9	12.4	5.7	0.0
-45°	48.6	37.2	27.0	18.8	11.8	5.5	0.0
-47.5°	45.2	34.8	25.5	17.7	11.2	5.3	0.0
-50°	42.1	32.2	23.9	16.7	10.6	5.0	0.0
-52.5°	38.9	29.5	22.3	15.7	9.9	4.7	0.0
-55°	35.6	27.3	20.6	14.6	9.2	4.5	0.0
-57.5°	32.2	25.1	18.8	13.6	8.5	4.2	0.0
-60°	28.8	22.8	17.1	12.5	7.8	3.9	0.0
-62.5°	25.9	20.5	15.6	11.3	7.2	3.6	0.0
-65°	23.0	18.1	14.0	10.2	6.6	3.3	0.0
-67.5°	20.0	15.9	12.5	9.0	6.0	3.0	0.0
-70°	17.0	13.9	10.9	7.8	5.3	2.7	0.0
-72.5°	14.5	11.9	9.3	6.8	4.7	2.3	0.0
-75°	12.1	9.9	7.6	5.9	4.0	2.0	0.0
-77.5°	9.6	7.8	6.3	4.9	3.4	1.7	0.0
-80°	7.1	6.1	5.1	3.9	2.7	1.4	0.0
-82.5°	5.3	4.6	3.8	3.0	2.0	1.0	0.0
-85°	3.5	3.1	2.5	2.0	1.4	0.7	0.0
-87.5°	1.8	1.5	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)