

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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-935-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

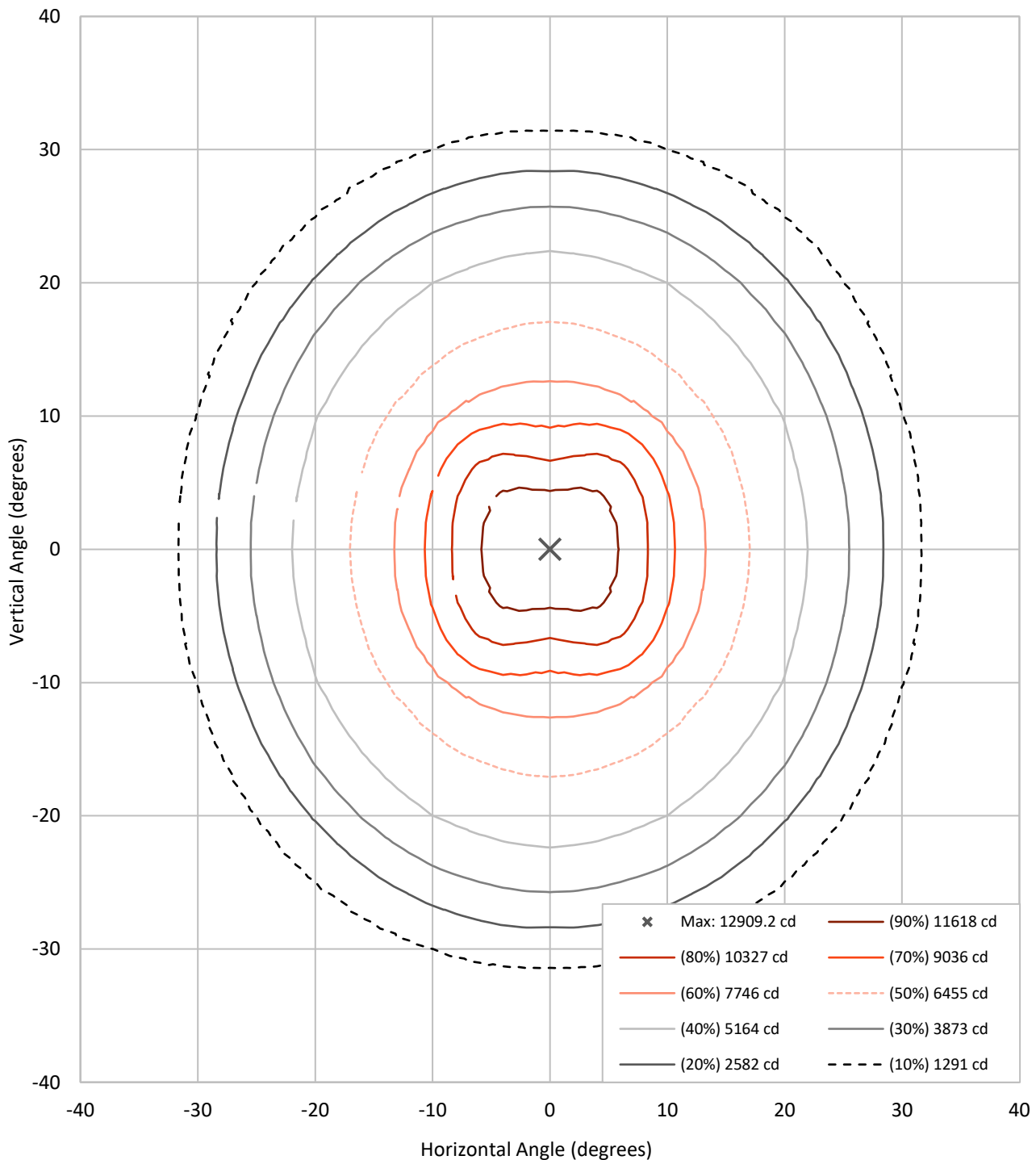
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5710.7 lumens	Max Intensity:	12909.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2432.4 lumens	Field Lumens:	4971.3 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 64
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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





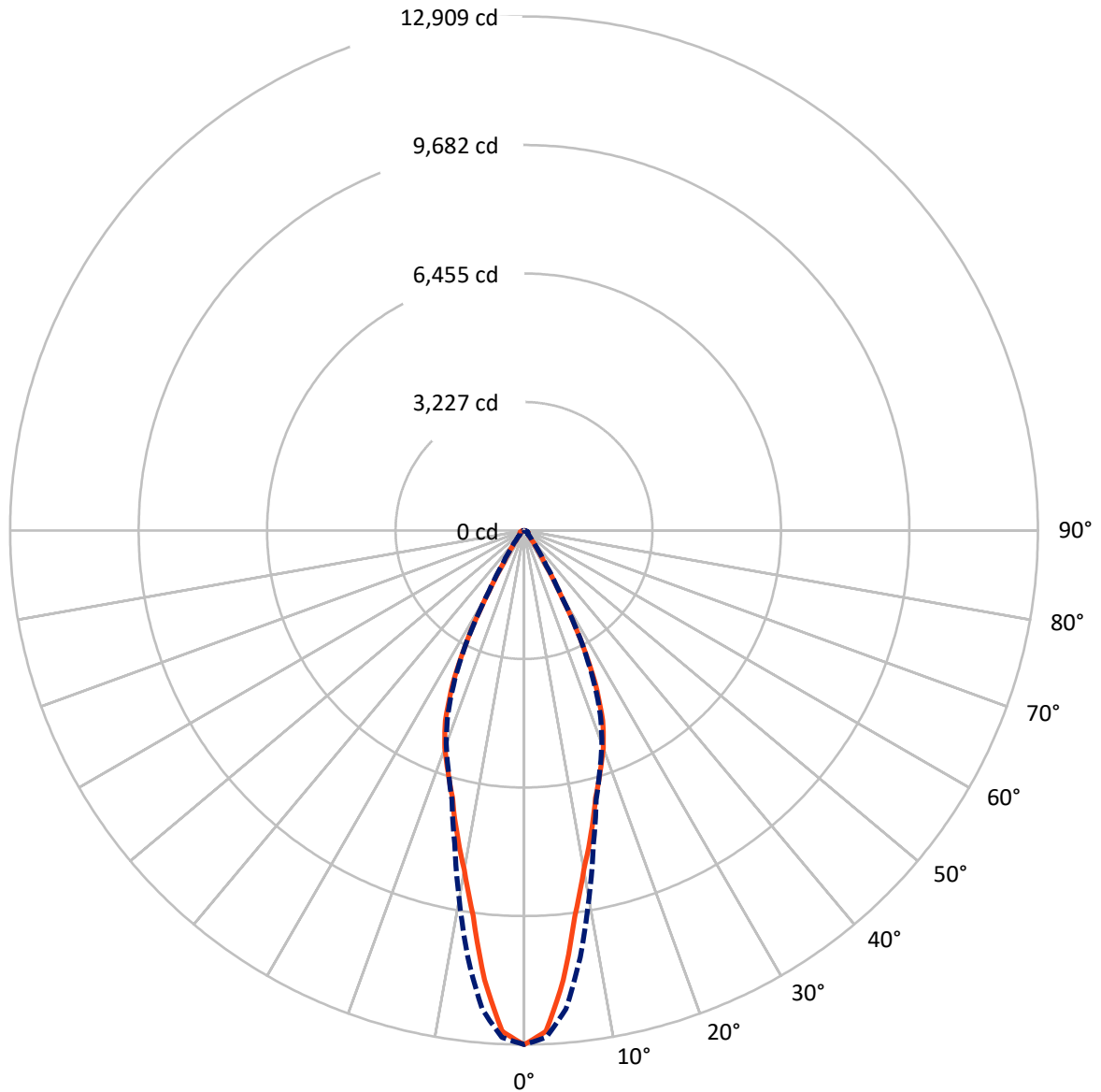
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Lumen Table

90																			
80	0.1	0.6		1.8		2.9		3.4		2.9		1.8		0.6		0.1			
70																			
60	0.3	0.3	0.7	1.3	1.8	2.4	2.8	3.0	3.0	2.8	2.4	1.8	1.3	0.7	0.3	0.3			
50		0.5	1.2	2.0	2.7	3.1	3.3	3.4	3.4	3.3	3.1	2.7	2.0	1.2	0.5				
40	0.5	0.7	1.6	2.4	2.8	3.5	4.5	5.2	5.2	4.5	3.5	2.8	2.4	1.6	0.7	0.5			
30		0.9	1.9	2.5	3.7	7.3	13.8	21.1	21.1	13.8	7.3	3.7	2.5	1.9	0.9				
20	0.7	1.1	1.9	2.7	6.7	22.2	69.9	115.0	115.0	69.9	22.2	6.7	2.7	1.9	1.1	0.7			
10		1.2	1.9	3.4	12.5	65.9	155.6	206.1	206.1	155.6	65.9	12.5	3.4	1.9	1.2				
0	0.8	1.2	2.0	3.9	19.0	103.8	202.4	319.4	319.4	202.4	103.8	19.0	3.9	2.0	1.2	0.8			
-10		1.2	2.0	3.9	19.0	103.8	202.4	319.4	319.4	202.4	103.8	19.0	3.9	2.0	1.2				
-20	0.7	1.2	1.9	3.4	12.5	65.9	155.6	206.1	206.1	155.6	65.9	12.5	3.4	1.9	1.2	0.7			
-30		1.1	1.9	2.7	6.7	22.2	69.9	115.0	115.0	69.9	22.2	6.7	2.7	1.9	1.1				
-40	0.5	0.9	1.9	2.5	3.7	7.3	13.8	21.1	21.1	13.8	7.3	3.7	2.5	1.9	0.9	0.5			
-50		0.7	1.6	2.4	2.8	3.5	4.5	5.2	5.2	4.5	3.5	2.8	2.4	1.6	0.7				
-60	0.3	0.5	1.2	2.0	2.7	3.1	3.3	3.4	3.4	3.3	3.1	2.7	2.0	1.2	0.5	0.3			
-70		0.3	0.7	1.3	1.8	2.4	2.8	3.0	3.0	2.8	2.4	1.8	1.3	0.7	0.3				
-80	0.1	0.6		1.8		2.9		3.4		2.9		1.8		0.6		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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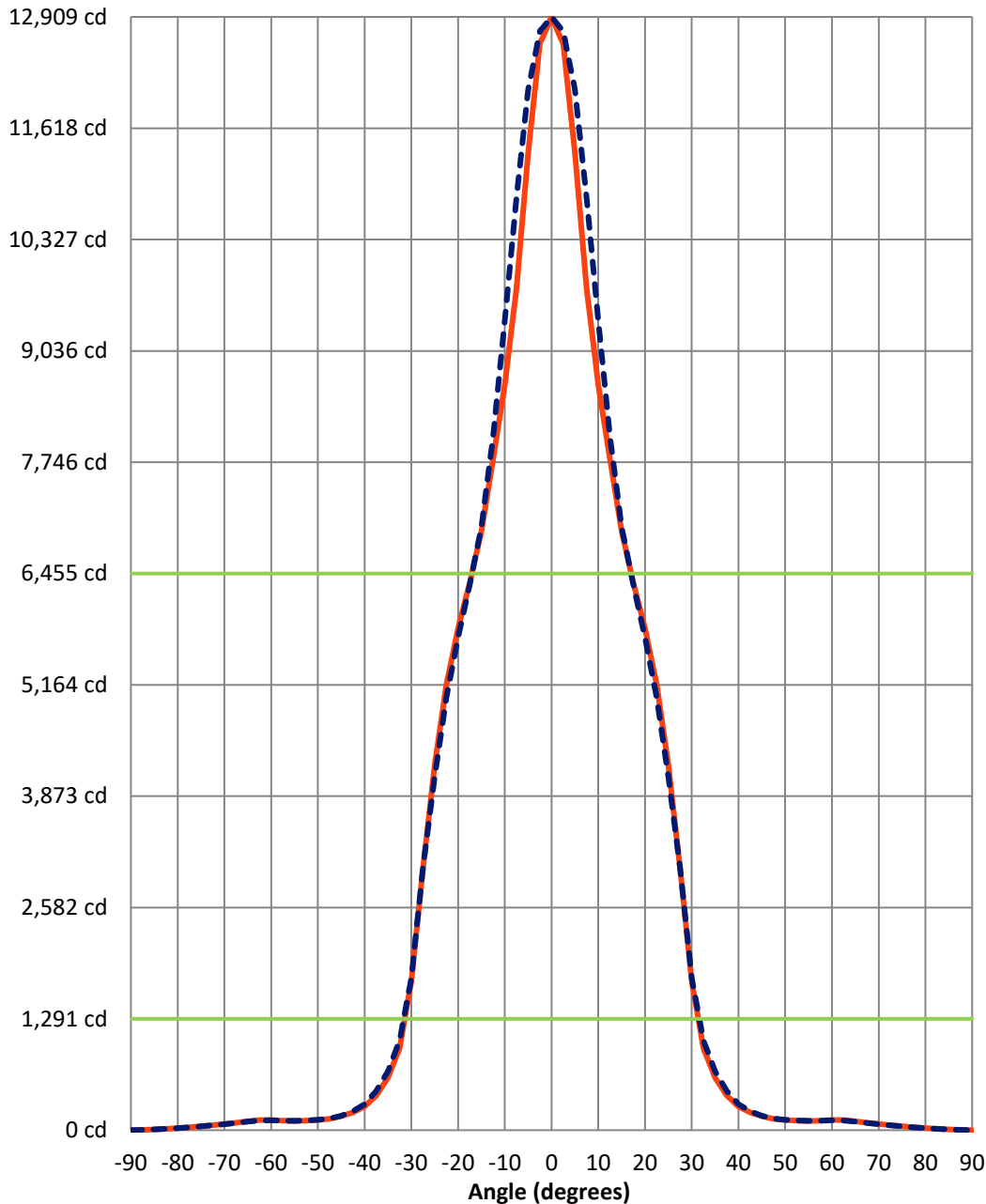
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 2432.4
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 4971.3
Efficiency: 87.1%

Spill:
Lumens: 739.4
Efficiency: 12.9%

— 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.1	4.8
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.5	5.4	6.3	7.1
77.5°	0.0	0.7	1.4	2.1	2.8	3.7	5.0	6.2	7.3	8.4	9.5
75°	0.0	0.9	1.7	2.6	3.5	5.0	6.5	7.9	9.3	10.7	12.1
72.5°	0.0	1.0	2.0	3.0	4.4	6.2	8.0	9.7	11.3	13.0	14.8
70°	0.0	1.1	2.3	3.4	5.4	7.4	9.4	11.4	13.4	15.4	18.0
67.5°	0.0	1.3	2.5	4.1	6.3	8.5	10.9	13.1	15.4	18.3	21.2
65°	0.0	1.4	2.8	4.8	7.2	9.8	12.4	14.8	18.0	21.2	24.7
62.5°	0.0	1.5	3.0	5.4	8.1	11.0	13.8	16.9	20.5	24.2	28.7
60°	0.0	1.6	3.3	6.1	8.9	12.2	15.3	19.1	23.0	27.8	32.6
57.5°	0.0	1.8	3.7	6.7	9.9	13.4	17.1	21.2	26.0	31.3	36.7
55°	0.0	1.9	4.1	7.3	10.9	14.6	18.9	23.3	29.0	34.7	40.7
52.5°	0.0	2.0	4.5	7.9	11.8	15.8	20.6	25.8	31.9	38.1	44.5
50°	0.0	2.1	4.9	8.4	12.8	17.3	22.3	28.3	34.7	41.4	48.5
47.5°	0.0	2.2	5.3	9.0	13.7	18.6	24.0	30.6	37.5	44.5	52.5
45°	0.0	2.3	5.6	9.7	14.5	19.9	25.9	32.9	40.2	48.0	56.4
42.5°	0.0	2.4	6.0	10.3	15.4	21.2	27.7	35.1	42.7	51.4	60.4
40°	0.0	2.5	6.3	10.9	16.3	22.4	29.5	37.2	45.3	54.6	64.2
37.5°	0.0	2.6	6.6	11.5	17.2	23.6	31.1	39.3	48.1	57.8	67.9
35°	0.0	2.7	6.9	12.0	18.1	24.8	32.6	41.2	50.7	60.9	71.5
32.5°	0.0	2.8	7.2	12.5	18.9	26.0	34.0	43.1	53.1	63.8	74.9
30°	0.0	2.9	7.5	13.0	19.7	27.1	35.5	44.9	55.3	66.5	78.0
27.5°	0.0	2.9	7.8	13.4	20.3	28.1	36.9	46.7	57.5	69.0	81.0
25°	0.0	3.0	8.0	13.8	20.9	29.0	38.1	48.4	59.5	71.4	83.7
22.5°	0.0	3.0	8.2	14.1	21.4	29.8	39.3	49.9	61.4	73.6	86.4
20°	0.0	3.1	8.4	14.4	21.9	30.5	40.3	51.2	63.1	75.6	88.8
17.5°	0.0	3.1	8.6	14.7	22.3	31.1	41.3	52.4	64.5	77.3	91.0
15°	0.0	3.2	8.8	14.9	22.7	31.6	42.1	53.5	65.8	78.8	92.8
12.5°	0.0	3.2	8.9	15.0	23.0	32.0	42.8	54.3	66.9	80.1	94.3
10°	0.0	3.2	9.0	15.2	23.2	32.4	43.4	55.1	67.7	81.3	95.7
7.5°	0.0	3.3	9.1	15.3	23.4	32.7	43.8	55.7	68.4	82.3	97.1
5°	0.0	3.3	9.2	15.3	23.5	32.8	44.1	56.1	68.8	83.0	98.3
2.5°	0.0	3.3	9.3	15.3	23.5	32.9	44.3	56.3	69.0	83.5	99.1
0°	0.0	3.3	9.3	15.3	23.5	32.9	44.4	56.4	69.0	83.8	99.7
-2.5°	0.0	3.3	9.3	15.3	23.5	32.9	44.3	56.3	69.0	83.5	99.1
-5°	0.0	3.3	9.2	15.3	23.5	32.8	44.1	56.1	68.8	83.0	98.3
-7.5°	0.0	3.3	9.1	15.3	23.4	32.7	43.8	55.7	68.4	82.3	97.1
-10°	0.0	3.2	9.0	15.2	23.2	32.4	43.4	55.1	67.7	81.3	95.7
-12.5°	0.0	3.2	8.9	15.0	23.0	32.0	42.8	54.3	66.9	80.1	94.3
-15°	0.0	3.2	8.8	14.9	22.7	31.6	42.1	53.5	65.8	78.8	92.8
-17.5°	0.0	3.1	8.6	14.7	22.3	31.1	41.3	52.4	64.5	77.3	91.0
-20°	0.0	3.1	8.4	14.4	21.9	30.5	40.3	51.2	63.1	75.6	88.8



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 CATALOG NUMBER: GFLD-SA1E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	8.2	14.1	21.4	29.8	39.3	49.9	61.4	73.6	86.4
-25°	0.0	3.0	8.0	13.8	20.9	29.0	38.1	48.4	59.5	71.4	83.7
-27.5°	0.0	2.9	7.8	13.4	20.3	28.1	36.9	46.7	57.5	69.0	81.0
-30°	0.0	2.9	7.5	13.0	19.7	27.1	35.5	44.9	55.3	66.5	78.0
-32.5°	0.0	2.8	7.2	12.5	18.9	26.0	34.0	43.1	53.1	63.8	74.9
-35°	0.0	2.7	6.9	12.0	18.1	24.8	32.6	41.2	50.7	60.9	71.5
-37.5°	0.0	2.6	6.6	11.5	17.2	23.6	31.1	39.3	48.1	57.8	67.9
-40°	0.0	2.5	6.3	10.9	16.3	22.4	29.5	37.2	45.3	54.6	64.2
-42.5°	0.0	2.4	6.0	10.3	15.4	21.2	27.7	35.1	42.7	51.4	60.4
-45°	0.0	2.3	5.6	9.7	14.5	19.9	25.9	32.9	40.2	48.0	56.4
-47.5°	0.0	2.2	5.3	9.0	13.7	18.6	24.0	30.6	37.5	44.5	52.5
-50°	0.0	2.1	4.9	8.4	12.8	17.3	22.3	28.3	34.7	41.4	48.5
-52.5°	0.0	2.0	4.5	7.9	11.8	15.8	20.6	25.8	31.9	38.1	44.5
-55°	0.0	1.9	4.1	7.3	10.9	14.6	18.9	23.3	29.0	34.7	40.7
-57.5°	0.0	1.8	3.7	6.7	9.9	13.4	17.1	21.2	26.0	31.3	36.7
-60°	0.0	1.6	3.3	6.1	8.9	12.2	15.3	19.1	23.0	27.8	32.6
-62.5°	0.0	1.5	3.0	5.4	8.1	11.0	13.8	16.9	20.5	24.2	28.7
-65°	0.0	1.4	2.8	4.8	7.2	9.8	12.4	14.8	18.0	21.2	24.7
-67.5°	0.0	1.3	2.5	4.1	6.3	8.5	10.9	13.1	15.4	18.3	21.2
-70°	0.0	1.1	2.3	3.4	5.4	7.4	9.4	11.4	13.4	15.4	18.0
-72.5°	0.0	1.0	2.0	3.0	4.4	6.2	8.0	9.7	11.3	13.0	14.8
-75°	0.0	0.9	1.7	2.6	3.5	5.0	6.5	7.9	9.3	10.7	12.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.7	5.0	6.2	7.3	8.4	9.5
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.5	5.4	6.3	7.1
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.1	4.8
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.7	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.2
82.5°	5.4	6.0	6.6	7.2	7.7	8.1	8.5	9.1	9.8	10.5	11.1
80°	7.9	8.8	9.8	10.8	11.8	12.7	13.6	14.5	15.5	16.4	17.4
77.5°	10.7	12.1	13.4	14.8	16.2	17.7	19.2	20.7	22.1	23.3	24.4
75°	13.7	15.4	17.4	19.4	21.4	23.3	25.3	27.4	29.3	30.9	32.5
72.5°	17.0	19.4	21.8	24.2	27.0	29.6	32.1	34.6	36.8	38.9	41.0
70°	20.6	23.4	26.6	29.9	33.0	36.1	39.0	41.8	44.4	47.1	50.0
67.5°	24.3	28.1	31.9	35.6	39.3	42.7	45.9	49.5	53.0	56.5	59.8
65°	28.7	32.9	37.3	41.5	45.6	49.7	53.8	57.9	62.0	65.9	69.6
62.5°	33.1	38.0	42.8	47.5	52.3	57.0	61.8	66.6	71.1	75.9	80.5
60°	37.8	43.1	48.4	53.6	59.0	64.6	70.0	75.6	81.2	86.6	91.8
57.5°	42.4	48.2	53.9	59.9	66.2	72.4	78.7	85.0	91.4	97.5	102.9
55°	46.9	53.1	59.6	66.4	73.3	80.4	87.5	94.8	101.7	106.9	111.8
52.5°	51.4	58.1	65.5	73.0	80.6	88.6	96.8	103.9	109.6	114.1	115.2
50°	55.8	63.5	71.3	79.5	88.0	97.0	104.8	111.2	114.5	115.7	115.1
47.5°	60.5	68.7	77.2	86.0	95.4	104.0	111.4	114.7	116.3	114.6	112.5
45°	65.1	74.0	82.9	92.5	102.0	110.1	114.3	116.6	114.5	112.5	111.1
42.5°	69.6	79.0	88.8	98.8	107.6	113.3	115.9	114.6	112.8	111.3	111.8
40°	74.0	83.9	94.6	104.0	111.9	114.8	114.3	112.7	111.7	112.4	114.6
37.5°	78.3	89.1	99.9	109.0	113.3	114.5	112.5	111.5	112.3	114.8	119.8
35°	82.3	94.0	104.3	112.0	114.8	112.8	111.4	111.2	114.1	119.4	126.7
32.5°	86.4	98.6	108.5	113.2	113.7	111.4	110.4	112.9	117.5	124.5	136.8
30°	90.3	102.2	111.5	114.4	112.4	110.7	111.3	114.9	121.2	132.7	152.6
27.5°	93.9	105.5	112.5	113.8	111.3	109.9	112.6	118.0	127.1	142.5	171.0
25°	97.2	108.5	113.3	112.8	110.6	110.4	114.1	120.8	133.4	158.2	197.2
22.5°	100.0	111.2	114.1	111.8	109.8	111.3	116.4	125.8	142.6	173.0	224.7
20°	102.2	111.9	113.9	110.9	109.1	112.0	118.5	130.6	155.0	196.3	255.5
17.5°	104.2	112.5	113.2	110.3	109.5	113.1	120.7	135.0	166.0	216.3	285.2
15°	106.0	113.0	112.5	109.8	110.0	114.7	124.2	143.2	179.2	235.1	311.8
12.5°	107.5	113.4	111.8	109.3	110.4	115.9	127.3	150.6	192.3	255.5	354.5
10°	108.8	113.8	111.2	109.0	110.7	117.0	129.8	156.5	202.4	272.8	390.3
7.5°	110.0	114.0	110.6	108.6	110.9	117.7	131.6	160.9	209.5	286.6	417.1
5°	110.9	114.2	110.3	108.5	111.3	118.5	133.0	163.7	213.9	296.7	435.1
2.5°	111.4	114.4	110.2	108.4	111.8	119.6	134.2	166.0	217.8	301.8	447.8
0°	111.7	114.4	110.1	108.4	112.3	120.5	134.7	167.0	219.6	301.7	455.6
-2.5°	111.4	114.4	110.2	108.4	111.8	119.6	134.2	166.0	217.8	301.8	447.8
-5°	110.9	114.2	110.3	108.5	111.3	118.5	133.0	163.7	213.9	296.7	435.1
-7.5°	110.0	114.0	110.6	108.6	110.9	117.7	131.6	160.9	209.5	286.6	417.1
-10°	108.8	113.8	111.2	109.0	110.7	117.0	129.8	156.5	202.4	272.8	390.3
-12.5°	107.5	113.4	111.8	109.3	110.4	115.9	127.3	150.6	192.3	255.5	354.5
-15°	106.0	113.0	112.5	109.8	110.0	114.7	124.2	143.2	179.2	235.1	311.8
-17.5°	104.2	112.5	113.2	110.3	109.5	113.1	120.7	135.0	166.0	216.3	285.2
-20°	102.2	111.9	113.9	110.9	109.1	112.0	118.5	130.6	155.0	196.3	255.5



REPORT NUMBER: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	100.0	111.2	114.1	111.8	109.8	111.3	116.4	125.8	142.6	173.0	224.7
-25°	97.2	108.5	113.3	112.8	110.6	110.4	114.1	120.8	133.4	158.2	197.2
-27.5°	93.9	105.5	112.5	113.8	111.3	109.9	112.6	118.0	127.1	142.5	171.0
-30°	90.3	102.2	111.5	114.4	112.4	110.7	111.3	114.9	121.2	132.7	152.6
-32.5°	86.4	98.6	108.5	113.2	113.7	111.4	110.4	112.9	117.5	124.5	136.8
-35°	82.3	94.0	104.3	112.0	114.8	112.8	111.4	111.2	114.1	119.4	126.7
-37.5°	78.3	89.1	99.9	109.0	113.3	114.5	112.5	111.5	112.3	114.8	119.8
-40°	74.0	83.9	94.6	104.0	111.9	114.8	114.3	112.7	111.7	112.4	114.6
-42.5°	69.6	79.0	88.8	98.8	107.6	113.3	115.9	114.6	112.8	111.3	111.8
-45°	65.1	74.0	82.9	92.5	102.0	110.1	114.3	116.6	114.5	112.5	111.1
-47.5°	60.5	68.7	77.2	86.0	95.4	104.0	111.4	114.7	116.3	114.6	112.5
-50°	55.8	63.5	71.3	79.5	88.0	97.0	104.8	111.2	114.5	115.7	115.1
-52.5°	51.4	58.1	65.5	73.0	80.6	88.6	96.8	103.9	109.6	114.1	115.2
-55°	46.9	53.1	59.6	66.4	73.3	80.4	87.5	94.8	101.7	106.9	111.8
-57.5°	42.4	48.2	53.9	59.9	66.2	72.4	78.7	85.0	91.4	97.5	102.9
-60°	37.8	43.1	48.4	53.6	59.0	64.6	70.0	75.6	81.2	86.6	91.8
-62.5°	33.1	38.0	42.8	47.5	52.3	57.0	61.8	66.6	71.1	75.9	80.5
-65°	28.7	32.9	37.3	41.5	45.6	49.7	53.8	57.9	62.0	65.9	69.6
-67.5°	24.3	28.1	31.9	35.6	39.3	42.7	45.9	49.5	53.0	56.5	59.8
-70°	20.6	23.4	26.6	29.9	33.0	36.1	39.0	41.8	44.4	47.1	50.0
-72.5°	17.0	19.4	21.8	24.2	27.0	29.6	32.1	34.6	36.8	38.9	41.0
-75°	13.7	15.4	17.4	19.4	21.4	23.3	25.3	27.4	29.3	30.9	32.5
-77.5°	10.7	12.1	13.4	14.8	16.2	17.7	19.2	20.7	22.1	23.3	24.4
-80°	7.9	8.8	9.8	10.8	11.8	12.7	13.6	14.5	15.5	16.4	17.4
-82.5°	5.4	6.0	6.6	7.2	7.7	8.1	8.5	9.1	9.8	10.5	11.1
-85°	3.0	3.3	3.7	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.2
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-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°	2.7	2.7	2.6	2.5	2.4	2.5	2.5	2.6	2.6	2.8	3.0
85°	6.4	6.7	7.0	7.3	7.7	7.9	8.1	8.2	8.4	8.5	8.6
82.5°	11.7	12.3	12.9	13.4	13.9	14.3	14.6	14.9	15.2	15.4	15.6
80°	18.3	19.1	19.8	20.4	21.0	21.5	21.9	22.2	22.5	23.0	23.5
77.5°	25.5	26.7	27.7	28.7	29.6	30.4	31.2	32.0	32.6	33.1	33.4
75°	34.0	35.4	36.9	38.2	39.4	40.7	41.9	43.0	44.0	44.6	45.1
72.5°	43.1	45.0	46.8	48.5	50.0	51.5	53.0	54.4	55.6	56.5	57.2
70°	52.8	55.3	57.4	59.3	61.2	63.1	64.9	66.6	68.0	69.1	70.0
67.5°	62.9	65.8	68.4	70.9	73.4	75.8	78.0	80.1	82.0	83.5	84.5
65°	73.2	76.9	80.3	83.4	86.2	88.9	91.7	94.3	96.6	98.5	100.0
62.5°	84.9	89.1	92.9	96.4	99.5	102.0	104.7	107.1	109.3	111.3	113.3
60°	96.8	101.4	104.9	107.8	110.5	112.9	113.8	114.7	115.4	116.1	116.9
57.5°	107.2	111.2	114.1	114.8	115.4	115.9	115.6	114.6	113.6	112.7	111.9
55°	114.5	115.6	116.9	115.9	114.3	112.8	111.5	110.5	109.7	108.9	108.3
52.5°	116.4	115.3	113.9	112.4	111.3	110.2	109.1	109.3	109.6	109.9	110.1
50°	113.6	112.3	111.5	110.7	110.8	111.4	111.9	113.0	114.3	115.3	116.1
47.5°	111.4	110.5	111.6	113.0	114.3	116.7	118.8	120.8	124.0	126.5	128.5
45°	110.8	112.8	115.0	118.4	121.4	126.6	131.4	135.4	143.0	150.0	155.4
42.5°	113.9	117.5	121.4	128.0	135.1	144.3	156.0	166.0	177.6	188.5	196.4
40°	119.1	124.4	133.1	143.7	160.4	175.2	194.7	211.4	227.0	243.6	256.1
37.5°	126.5	136.3	152.7	171.8	197.1	221.4	248.3	274.4	296.6	330.2	356.5
35°	137.5	157.4	180.6	212.6	245.7	282.9	322.2	372.8	417.4	469.6	518.7
32.5°	157.6	184.5	221.0	264.3	308.2	372.4	433.1	515.3	589.1	681.3	780.4
30°	181.2	221.3	270.3	326.8	406.3	494.8	594.4	720.5	870.3	1048.7	1288.0
27.5°	213.6	265.1	326.8	418.3	531.1	649.6	826.4	1038.4	1424.5	1761.1	2207.1
25°	248.5	311.4	409.0	531.9	680.4	893.9	1239.5	1680.4	2304.9	2902.1	3379.5
22.5°	288.8	380.7	503.8	656.8	897.2	1310.4	1847.0	2623.5	3320.0	3922.3	4386.2
20°	333.4	448.6	614.1	848.0	1257.2	1862.4	2723.8	3520.8	4232.1	4750.6	5160.5
17.5°	391.1	541.6	751.6	1074.3	1702.5	2634.9	3523.1	4310.8	4929.7	5385.2	5748.5
15°	445.0	627.3	899.4	1450.0	2307.3	3303.9	4214.3	4917.0	5452.6	5876.5	6203.2
12.5°	508.6	723.5	1072.2	1774.5	2863.5	3855.9	4705.0	5361.2	5877.0	6274.3	6712.2
10°	565.3	827.0	1319.7	2207.0	3320.3	4289.6	5114.3	5704.0	6221.2	6739.0	7395.5
7.5°	612.1	913.8	1522.7	2571.9	3671.0	4610.5	5361.8	5951.0	6521.0	7212.6	8159.5
5°	649.2	979.3	1689.6	2847.4	3925.9	4839.5	5550.8	6148.0	6791.9	7717.0	8987.7
2.5°	674.0	1022.2	1794.0	3013.8	4086.7	4970.9	5690.9	6276.9	6951.9	7999.4	9327.1
0°	683.9	1042.0	1767.6	3044.0	4096.4	5013.6	5711.8	6325.1	6997.5	8046.7	9389.3
-2.5°	674.0	1022.2	1794.0	3013.8	4086.7	4970.9	5690.9	6276.9	6951.9	7999.4	9327.1
-5°	649.2	979.3	1689.6	2847.4	3925.9	4839.5	5550.8	6148.0	6791.9	7717.0	8987.7
-7.5°	612.1	913.8	1522.7	2571.9	3671.0	4610.5	5361.8	5951.0	6521.0	7212.6	8159.5
-10°	565.3	827.0	1319.7	2207.0	3320.3	4289.6	5114.3	5704.0	6221.2	6739.0	7395.5
-12.5°	508.6	723.5	1072.2	1774.5	2863.5	3855.9	4705.0	5361.2	5877.0	6274.3	6712.2
-15°	445.0	627.3	899.4	1450.0	2307.3	3303.9	4214.3	4917.0	5452.6	5876.5	6203.2
-17.5°	391.1	541.6	751.6	1074.3	1702.5	2634.9	3523.1	4310.8	4929.7	5385.2	5748.5
-20°	333.4	448.6	614.1	848.0	1257.2	1862.4	2723.8	3520.8	4232.1	4750.6	5160.5



REPORT NUMBER: P558604 (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°	288.8	380.7	503.8	656.8	897.2	1310.4	1847.0	2623.5	3320.0	3922.3	4386.2
-25°	248.5	311.4	409.0	531.9	680.4	893.9	1239.5	1680.4	2304.9	2902.1	3379.5
-27.5°	213.6	265.1	326.8	418.3	531.1	649.6	826.4	1038.4	1424.5	1761.1	2207.1
-30°	181.2	221.3	270.3	326.8	406.3	494.8	594.4	720.5	870.3	1048.7	1288.0
-32.5°	157.6	184.5	221.0	264.3	308.2	372.4	433.1	515.3	589.1	681.3	780.4
-35°	137.5	157.4	180.6	212.6	245.7	282.9	322.2	372.8	417.4	469.6	518.7
-37.5°	126.5	136.3	152.7	171.8	197.1	221.4	248.3	274.4	296.6	330.2	356.5
-40°	119.1	124.4	133.1	143.7	160.4	175.2	194.7	211.4	227.0	243.6	256.1
-42.5°	113.9	117.5	121.4	128.0	135.1	144.3	156.0	166.0	177.6	188.5	196.4
-45°	110.8	112.8	115.0	118.4	121.4	126.6	131.4	135.4	143.0	150.0	155.4
-47.5°	111.4	110.5	111.6	113.0	114.3	116.7	118.8	120.8	124.0	126.5	128.5
-50°	113.6	112.3	111.5	110.7	110.8	111.4	111.9	113.0	114.3	115.3	116.1
-52.5°	116.4	115.3	113.9	112.4	111.3	110.2	109.1	109.3	109.6	109.9	110.1
-55°	114.5	115.6	116.9	115.9	114.3	112.8	111.5	110.5	109.7	108.9	108.3
-57.5°	107.2	111.2	114.1	114.8	115.4	115.9	115.6	114.6	113.6	112.7	111.9
-60°	96.8	101.4	104.9	107.8	110.5	112.9	113.8	114.7	115.4	116.1	116.9
-62.5°	84.9	89.1	92.9	96.4	99.5	102.0	104.7	107.1	109.3	111.3	113.3
-65°	73.2	76.9	80.3	83.4	86.2	88.9	91.7	94.3	96.6	98.5	100.0
-67.5°	62.9	65.8	68.4	70.9	73.4	75.8	78.0	80.1	82.0	83.5	84.5
-70°	52.8	55.3	57.4	59.3	61.2	63.1	64.9	66.6	68.0	69.1	70.0
-72.5°	43.1	45.0	46.8	48.5	50.0	51.5	53.0	54.4	55.6	56.5	57.2
-75°	34.0	35.4	36.9	38.2	39.4	40.7	41.9	43.0	44.0	44.6	45.1
-77.5°	25.5	26.7	27.7	28.7	29.6	30.4	31.2	32.0	32.6	33.1	33.4
-80°	18.3	19.1	19.8	20.4	21.0	21.5	21.9	22.2	22.5	23.0	23.5
-82.5°	11.7	12.3	12.9	13.4	13.9	14.3	14.6	14.9	15.2	15.4	15.6
-85°	6.4	6.7	7.0	7.3	7.7	7.9	8.1	8.2	8.4	8.5	8.6
-87.5°	2.7	2.7	2.6	2.5	2.4	2.5	2.5	2.6	2.6	2.8	3.0
-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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-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°	3.1	3.3	3.3	3.3	3.3	3.3	3.1	3.0	2.8	2.6	2.6
85°	8.7	8.8	9.0	9.3	9.0	8.8	8.7	8.6	8.5	8.4	8.2
82.5°	15.7	15.8	15.9	15.9	15.9	15.8	15.7	15.6	15.4	15.2	14.9
80°	24.0	24.5	24.3	24.1	24.3	24.5	24.0	23.5	23.0	22.5	22.2
77.5°	33.6	33.7	33.6	33.4	33.6	33.7	33.6	33.4	33.1	32.6	32.0
75°	45.5	45.7	45.9	46.0	45.9	45.7	45.5	45.1	44.6	44.0	43.0
72.5°	57.8	58.3	58.2	58.0	58.2	58.3	57.8	57.2	56.5	55.6	54.4
70°	70.8	71.3	71.6	71.7	71.6	71.3	70.8	70.0	69.1	68.0	66.6
67.5°	85.2	85.5	85.9	86.0	85.9	85.5	85.2	84.5	83.5	82.0	80.1
65°	101.2	102.2	102.5	102.4	102.5	102.2	101.2	100.0	98.5	96.6	94.3
62.5°	115.2	116.8	117.5	117.7	117.5	116.8	115.2	113.3	111.3	109.3	107.1
60°	117.5	118.1	118.3	118.3	118.3	118.1	117.5	116.9	116.1	115.4	114.7
57.5°	111.2	110.6	110.2	110.1	110.2	110.6	111.2	111.9	112.7	113.6	114.6
55°	107.7	107.1	106.9	106.8	106.9	107.1	107.7	108.3	108.9	109.7	110.5
52.5°	110.1	110.0	110.2	110.6	110.2	110.0	110.1	110.1	109.9	109.6	109.3
50°	116.8	117.2	117.8	118.3	117.8	117.2	116.8	116.1	115.3	114.3	113.0
47.5°	129.9	130.7	131.1	131.4	131.1	130.7	129.9	128.5	126.5	124.0	120.8
45°	159.0	160.9	161.8	162.1	161.8	160.9	159.0	155.4	150.0	143.0	135.4
42.5°	201.6	204.4	205.7	205.9	205.7	204.4	201.6	196.4	188.5	177.6	166.0
40°	265.0	270.1	272.5	274.3	272.5	270.1	265.0	256.1	243.6	227.0	211.4
37.5°	376.2	389.0	396.2	402.5	396.2	389.0	376.2	356.5	330.2	296.6	274.4
35°	558.6	587.9	605.2	608.9	605.2	587.9	558.6	518.7	469.6	417.4	372.8
32.5°	856.7	914.2	948.5	952.8	948.5	914.2	856.7	780.4	681.3	589.1	515.3
30°	1473.8	1634.7	1745.0	1729.8	1745.0	1634.7	1473.8	1288.0	1048.7	870.3	720.5
27.5°	2572.4	2864.2	3053.7	3038.0	3053.7	2864.2	2572.4	2207.1	1761.1	1424.5	1038.4
25°	3746.6	4015.2	4173.7	4232.2	4173.7	4015.2	3746.6	3379.5	2902.1	2304.9	1680.4
22.5°	4705.4	4945.5	5082.7	5164.8	5082.7	4945.5	4705.4	4386.2	3922.3	3320.0	2623.5
20°	5440.1	5648.3	5766.3	5816.9	5766.3	5648.3	5440.1	5160.5	4750.6	4232.1	3520.8
17.5°	6005.3	6179.6	6313.1	6347.5	6313.1	6179.6	6005.3	5748.5	5385.2	4929.7	4310.8
15°	6505.2	6730.4	6887.9	6946.6	6887.9	6730.4	6505.2	6203.2	5876.5	5452.6	4917.0
12.5°	7135.6	7527.2	7735.3	7783.3	7735.3	7527.2	7135.6	6712.2	6274.3	5877.0	5361.2
10°	8067.4	8669.2	8737.4	8644.1	8737.4	8669.2	8067.4	7395.5	6739.0	6221.2	5704.0
7.5°	9424.5	10227.0	10053.4	9764.4	10053.4	10227.0	9424.5	8159.5	7212.6	6521.0	5951.0
5°	10395.6	11509.7	11544.3	11332.1	11544.3	11509.7	10395.6	8987.7	7717.0	6791.9	6148.0
2.5°	10782.2	11929.1	12499.9	12593.5	12499.9	11929.1	10782.2	9327.1	7999.4	6951.9	6276.9
0°	10811.2	12064.3	12741.0	12909.2	12741.0	12064.3	10811.2	9389.3	8046.7	6997.5	6325.1
-2.5°	10782.2	11929.1	12499.9	12593.5	12499.9	11929.1	10782.2	9327.1	7999.4	6951.9	6276.9
-5°	10395.6	11509.7	11544.3	11332.1	11544.3	11509.7	10395.6	8987.7	7717.0	6791.9	6148.0
-7.5°	9424.5	10227.0	10053.4	9764.4	10053.4	10227.0	9424.5	8159.5	7212.6	6521.0	5951.0
-10°	8067.4	8669.2	8737.4	8644.1	8737.4	8669.2	8067.4	7395.5	6739.0	6221.2	5704.0
-12.5°	7135.6	7527.2	7735.3	7783.3	7735.3	7527.2	7135.6	6712.2	6274.3	5877.0	5361.2
-15°	6505.2	6730.4	6887.9	6946.6	6887.9	6730.4	6505.2	6203.2	5876.5	5452.6	4917.0
-17.5°	6005.3	6179.6	6313.1	6347.5	6313.1	6179.6	6005.3	5748.5	5385.2	4929.7	4310.8
-20°	5440.1	5648.3	5766.3	5816.9	5766.3	5648.3	5440.1	5160.5	4750.6	4232.1	3520.8



REPORT NUMBER: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4705.4	4945.5	5082.7	5164.8	5082.7	4945.5	4705.4	4386.2	3922.3	3320.0	2623.5
-25°	3746.6	4015.2	4173.7	4232.2	4173.7	4015.2	3746.6	3379.5	2902.1	2304.9	1680.4
-27.5°	2572.4	2864.2	3053.7	3038.0	3053.7	2864.2	2572.4	2207.1	1761.1	1424.5	1038.4
-30°	1473.8	1634.7	1745.0	1729.8	1745.0	1634.7	1473.8	1288.0	1048.7	870.3	720.5
-32.5°	856.7	914.2	948.5	952.8	948.5	914.2	856.7	780.4	681.3	589.1	515.3
-35°	558.6	587.9	605.2	608.9	605.2	587.9	558.6	518.7	469.6	417.4	372.8
-37.5°	376.2	389.0	396.2	402.5	396.2	389.0	376.2	356.5	330.2	296.6	274.4
-40°	265.0	270.1	272.5	274.3	272.5	270.1	265.0	256.1	243.6	227.0	211.4
-42.5°	201.6	204.4	205.7	205.9	205.7	204.4	201.6	196.4	188.5	177.6	166.0
-45°	159.0	160.9	161.8	162.1	161.8	160.9	159.0	155.4	150.0	143.0	135.4
-47.5°	129.9	130.7	131.1	131.4	131.1	130.7	129.9	128.5	126.5	124.0	120.8
-50°	116.8	117.2	117.8	118.3	117.8	117.2	116.8	116.1	115.3	114.3	113.0
-52.5°	110.1	110.0	110.2	110.6	110.2	110.0	110.1	110.1	109.9	109.6	109.3
-55°	107.7	107.1	106.9	106.8	106.9	107.1	107.7	108.3	108.9	109.7	110.5
-57.5°	111.2	110.6	110.2	110.1	110.2	110.6	111.2	111.9	112.7	113.6	114.6
-60°	117.5	118.1	118.3	118.3	118.3	118.1	117.5	116.9	116.1	115.4	114.7
-62.5°	115.2	116.8	117.5	117.7	117.5	116.8	115.2	113.3	111.3	109.3	107.1
-65°	101.2	102.2	102.5	102.4	102.5	102.2	101.2	100.0	98.5	96.6	94.3
-67.5°	85.2	85.5	85.9	86.0	85.9	85.5	85.2	84.5	83.5	82.0	80.1
-70°	70.8	71.3	71.6	71.7	71.6	71.3	70.8	70.0	69.1	68.0	66.6
-72.5°	57.8	58.3	58.2	58.0	58.2	58.3	57.8	57.2	56.5	55.6	54.4
-75°	45.5	45.7	45.9	46.0	45.9	45.7	45.5	45.1	44.6	44.0	43.0
-77.5°	33.6	33.7	33.6	33.4	33.6	33.7	33.6	33.4	33.1	32.6	32.0
-80°	24.0	24.5	24.3	24.1	24.3	24.5	24.0	23.5	23.0	22.5	22.2
-82.5°	15.7	15.8	15.9	15.9	15.9	15.8	15.7	15.6	15.4	15.2	14.9
-85°	8.7	8.8	9.0	9.3	9.0	8.8	8.7	8.6	8.5	8.4	8.2
-87.5°	3.1	3.3	3.3	3.3	3.3	3.3	3.1	3.0	2.8	2.6	2.6
-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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-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°	2.5	2.5	2.4	2.5	2.6	2.7	2.7	2.6	2.5	2.4	2.3
85°	8.1	7.9	7.7	7.3	7.0	6.7	6.4	6.2	5.9	5.6	5.3
82.5°	14.6	14.3	13.9	13.4	12.9	12.3	11.7	11.1	10.5	9.8	9.1
80°	21.9	21.5	21.0	20.4	19.8	19.1	18.3	17.4	16.4	15.5	14.5
77.5°	31.2	30.4	29.6	28.7	27.7	26.7	25.5	24.4	23.3	22.1	20.7
75°	41.9	40.7	39.4	38.2	36.9	35.4	34.0	32.5	30.9	29.3	27.4
72.5°	53.0	51.5	50.0	48.5	46.8	45.0	43.1	41.0	38.9	36.8	34.6
70°	64.9	63.1	61.2	59.3	57.4	55.3	52.8	50.0	47.1	44.4	41.8
67.5°	78.0	75.8	73.4	70.9	68.4	65.8	62.9	59.8	56.5	53.0	49.5
65°	91.7	88.9	86.2	83.4	80.3	76.9	73.2	69.6	65.9	62.0	57.9
62.5°	104.7	102.0	99.5	96.4	92.9	89.1	84.9	80.5	75.9	71.1	66.6
60°	113.8	112.9	110.5	107.8	104.9	101.4	96.8	91.8	86.6	81.2	75.6
57.5°	115.6	115.9	115.4	114.8	114.1	111.2	107.2	102.9	97.5	91.4	85.0
55°	111.5	112.8	114.3	115.9	116.9	115.6	114.5	111.8	106.9	101.7	94.8
52.5°	109.1	110.2	111.3	112.4	113.9	115.3	116.4	115.2	114.1	109.6	103.9
50°	111.9	111.4	110.8	110.7	111.5	112.3	113.6	115.1	115.7	114.5	111.2
47.5°	118.8	116.7	114.3	113.0	111.6	110.5	111.4	112.5	114.6	116.3	114.7
45°	131.4	126.6	121.4	118.4	115.0	112.8	110.8	111.1	112.5	114.5	116.6
42.5°	156.0	144.3	135.1	128.0	121.4	117.5	113.9	111.8	111.3	112.8	114.6
40°	194.7	175.2	160.4	143.7	133.1	124.4	119.1	114.6	112.4	111.7	112.7
37.5°	248.3	221.4	197.1	171.8	152.7	136.3	126.5	119.8	114.8	112.3	111.5
35°	322.2	282.9	245.7	212.6	180.6	157.4	137.5	126.7	119.4	114.1	111.2
32.5°	433.1	372.4	308.2	264.3	221.0	184.5	157.6	136.8	124.5	117.5	112.9
30°	594.4	494.8	406.3	326.8	270.3	221.3	181.2	152.6	132.7	121.2	114.9
27.5°	826.4	649.6	531.1	418.3	326.8	265.1	213.6	171.0	142.5	127.1	118.0
25°	1239.5	893.9	680.4	531.9	409.0	311.4	248.5	197.2	158.2	133.4	120.8
22.5°	1847.0	1310.4	897.2	656.8	503.8	380.7	288.8	224.7	173.0	142.6	125.8
20°	2723.8	1862.4	1257.2	848.0	614.1	448.6	333.4	255.5	196.3	155.0	130.6
17.5°	3523.1	2634.9	1702.5	1074.3	751.6	541.6	391.1	285.2	216.3	166.0	135.0
15°	4214.3	3303.9	2307.3	1450.0	899.4	627.3	445.0	311.8	235.1	179.2	143.2
12.5°	4705.0	3855.9	2863.5	1774.5	1072.2	723.5	508.6	354.5	255.5	192.3	150.6
10°	5114.3	4289.6	3320.3	2207.0	1319.7	827.0	565.3	390.3	272.8	202.4	156.5
7.5°	5361.8	4610.5	3671.0	2571.9	1522.7	913.8	612.1	417.1	286.6	209.5	160.9
5°	5550.8	4839.5	3925.9	2847.4	1689.6	979.3	649.2	435.1	296.7	213.9	163.7
2.5°	5690.9	4970.9	4086.7	3013.8	1794.0	1022.2	674.0	447.8	301.8	217.8	166.0
0°	5711.8	5013.6	4096.4	3044.0	1767.6	1042.0	683.9	455.6	301.7	219.6	167.0
-2.5°	5690.9	4970.9	4086.7	3013.8	1794.0	1022.2	674.0	447.8	301.8	217.8	166.0
-5°	5550.8	4839.5	3925.9	2847.4	1689.6	979.3	649.2	435.1	296.7	213.9	163.7
-7.5°	5361.8	4610.5	3671.0	2571.9	1522.7	913.8	612.1	417.1	286.6	209.5	160.9
-10°	5114.3	4289.6	3320.3	2207.0	1319.7	827.0	565.3	390.3	272.8	202.4	156.5
-12.5°	4705.0	3855.9	2863.5	1774.5	1072.2	723.5	508.6	354.5	255.5	192.3	150.6
-15°	4214.3	3303.9	2307.3	1450.0	899.4	627.3	445.0	311.8	235.1	179.2	143.2
-17.5°	3523.1	2634.9	1702.5	1074.3	751.6	541.6	391.1	285.2	216.3	166.0	135.0
-20°	2723.8	1862.4	1257.2	848.0	614.1	448.6	333.4	255.5	196.3	155.0	130.6



REPORT NUMBER: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1847.0	1310.4	897.2	656.8	503.8	380.7	288.8	224.7	173.0	142.6	125.8
-25°	1239.5	893.9	680.4	531.9	409.0	311.4	248.5	197.2	158.2	133.4	120.8
-27.5°	826.4	649.6	531.1	418.3	326.8	265.1	213.6	171.0	142.5	127.1	118.0
-30°	594.4	494.8	406.3	326.8	270.3	221.3	181.2	152.6	132.7	121.2	114.9
-32.5°	433.1	372.4	308.2	264.3	221.0	184.5	157.6	136.8	124.5	117.5	112.9
-35°	322.2	282.9	245.7	212.6	180.6	157.4	137.5	126.7	119.4	114.1	111.2
-37.5°	248.3	221.4	197.1	171.8	152.7	136.3	126.5	119.8	114.8	112.3	111.5
-40°	194.7	175.2	160.4	143.7	133.1	124.4	119.1	114.6	112.4	111.7	112.7
-42.5°	156.0	144.3	135.1	128.0	121.4	117.5	113.9	111.8	111.3	112.8	114.6
-45°	131.4	126.6	121.4	118.4	115.0	112.8	110.8	111.1	112.5	114.5	116.6
-47.5°	118.8	116.7	114.3	113.0	111.6	110.5	111.4	112.5	114.6	116.3	114.7
-50°	111.9	111.4	110.8	110.7	111.5	112.3	113.6	115.1	115.7	114.5	111.2
-52.5°	109.1	110.2	111.3	112.4	113.9	115.3	116.4	115.2	114.1	109.6	103.9
-55°	111.5	112.8	114.3	115.9	116.9	115.6	114.5	111.8	106.9	101.7	94.8
-57.5°	115.6	115.9	115.4	114.8	114.1	111.2	107.2	102.9	97.5	91.4	85.0
-60°	113.8	112.9	110.5	107.8	104.9	101.4	96.8	91.8	86.6	81.2	75.6
-62.5°	104.7	102.0	99.5	96.4	92.9	89.1	84.9	80.5	75.9	71.1	66.6
-65°	91.7	88.9	86.2	83.4	80.3	76.9	73.2	69.6	65.9	62.0	57.9
-67.5°	78.0	75.8	73.4	70.9	68.4	65.8	62.9	59.8	56.5	53.0	49.5
-70°	64.9	63.1	61.2	59.3	57.4	55.3	52.8	50.0	47.1	44.4	41.8
-72.5°	53.0	51.5	50.0	48.5	46.8	45.0	43.1	41.0	38.9	36.8	34.6
-75°	41.9	40.7	39.4	38.2	36.9	35.4	34.0	32.5	30.9	29.3	27.4
-77.5°	31.2	30.4	29.6	28.7	27.7	26.7	25.5	24.4	23.3	22.1	20.7
-80°	21.9	21.5	21.0	20.4	19.8	19.1	18.3	17.4	16.4	15.5	14.5
-82.5°	14.6	14.3	13.9	13.4	12.9	12.3	11.7	11.1	10.5	9.8	9.1
-85°	8.1	7.9	7.7	7.3	7.0	6.7	6.4	6.2	5.9	5.6	5.3
-87.5°	2.5	2.5	2.4	2.5	2.6	2.7	2.7	2.6	2.5	2.4	2.3
-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: P558604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-MR-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	5.1	4.8	4.5	4.1	3.7	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	8.5	8.1	7.7	7.2	6.6	6.0	5.4	4.8	4.1	3.4	3.0
80°	13.6	12.7	11.8	10.8	9.8	8.8	7.9	7.1	6.3	5.4	4.5
77.5°	19.2	17.7	16.2	14.8	13.4	12.1	10.7	9.5	8.4	7.3	6.2
75°	25.3	23.3	21.4	19.4	17.4	15.4	13.7	12.1	10.7	9.3	7.9
72.5°	32.1	29.6	27.0	24.2	21.8	19.4	17.0	14.8	13.0	11.3	9.7
70°	39.0	36.1	33.0	29.9	26.6	23.4	20.6	18.0	15.4	13.4	11.4
67.5°	45.9	42.7	39.3	35.6	31.9	28.1	24.3	21.2	18.3	15.4	13.1
65°	53.8	49.7	45.6	41.5	37.3	32.9	28.7	24.7	21.2	18.0	14.8
62.5°	61.8	57.0	52.3	47.5	42.8	38.0	33.1	28.7	24.2	20.5	16.9
60°	70.0	64.6	59.0	53.6	48.4	43.1	37.8	32.6	27.8	23.0	19.1
57.5°	78.7	72.4	66.2	59.9	53.9	48.2	42.4	36.7	31.3	26.0	21.2
55°	87.5	80.4	73.3	66.4	59.6	53.1	46.9	40.7	34.7	29.0	23.3
52.5°	96.8	88.6	80.6	73.0	65.5	58.1	51.4	44.5	38.1	31.9	25.8
50°	104.8	97.0	88.0	79.5	71.3	63.5	55.8	48.5	41.4	34.7	28.3
47.5°	111.4	104.0	95.4	86.0	77.2	68.7	60.5	52.5	44.5	37.5	30.6
45°	114.3	110.1	102.0	92.5	82.9	74.0	65.1	56.4	48.0	40.2	32.9
42.5°	115.9	113.3	107.6	98.8	88.8	79.0	69.6	60.4	51.4	42.7	35.1
40°	114.3	114.8	111.9	104.0	94.6	83.9	74.0	64.2	54.6	45.3	37.2
37.5°	112.5	114.5	113.3	109.0	99.9	89.1	78.3	67.9	57.8	48.1	39.3
35°	111.4	112.8	114.8	112.0	104.3	94.0	82.3	71.5	60.9	50.7	41.2
32.5°	110.4	111.4	113.7	113.2	108.5	98.6	86.4	74.9	63.8	53.1	43.1
30°	111.3	110.7	112.4	114.4	111.5	102.2	90.3	78.0	66.5	55.3	44.9
27.5°	112.6	109.9	111.3	113.8	112.5	105.5	93.9	81.0	69.0	57.5	46.7
25°	114.1	110.4	110.6	112.8	113.3	108.5	97.2	83.7	71.4	59.5	48.4
22.5°	116.4	111.3	109.8	111.8	114.1	111.2	100.0	86.4	73.6	61.4	49.9
20°	118.5	112.0	109.1	110.9	113.9	111.9	102.2	88.8	75.6	63.1	51.2
17.5°	120.7	113.1	109.5	110.3	113.2	112.5	104.2	91.0	77.3	64.5	52.4
15°	124.2	114.7	110.0	109.8	112.5	113.0	106.0	92.8	78.8	65.8	53.5
12.5°	127.3	115.9	110.4	109.3	111.8	113.4	107.5	94.3	80.1	66.9	54.3
10°	129.8	117.0	110.7	109.0	111.2	113.8	108.8	95.7	81.3	67.7	55.1
7.5°	131.6	117.7	110.9	108.6	110.6	114.0	110.0	97.1	82.3	68.4	55.7
5°	133.0	118.5	111.3	108.5	110.3	114.2	110.9	98.3	83.0	68.8	56.1
2.5°	134.2	119.6	111.8	108.4	110.2	114.4	111.4	99.1	83.5	69.0	56.3
0°	134.7	120.5	112.3	108.4	110.1	114.4	111.7	99.7	83.8	69.0	56.4
-2.5°	134.2	119.6	111.8	108.4	110.2	114.4	111.4	99.1	83.5	69.0	56.3
-5°	133.0	118.5	111.3	108.5	110.3	114.2	110.9	98.3	83.0	68.8	56.1
-7.5°	131.6	117.7	110.9	108.6	110.6	114.0	110.0	97.1	82.3	68.4	55.7
-10°	129.8	117.0	110.7	109.0	111.2	113.8	108.8	95.7	81.3	67.7	55.1
-12.5°	127.3	115.9	110.4	109.3	111.8	113.4	107.5	94.3	80.1	66.9	54.3
-15°	124.2	114.7	110.0	109.8	112.5	113.0	106.0	92.8	78.8	65.8	53.5
-17.5°	120.7	113.1	109.5	110.3	113.2	112.5	104.2	91.0	77.3	64.5	52.4
-20°	118.5	112.0	109.1	110.9	113.9	111.9	102.2	88.8	75.6	63.1	51.2



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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°	116.4	111.3	109.8	111.8	114.1	111.2	100.0	86.4	73.6	61.4	49.9
-25°	114.1	110.4	110.6	112.8	113.3	108.5	97.2	83.7	71.4	59.5	48.4
-27.5°	112.6	109.9	111.3	113.8	112.5	105.5	93.9	81.0	69.0	57.5	46.7
-30°	111.3	110.7	112.4	114.4	111.5	102.2	90.3	78.0	66.5	55.3	44.9
-32.5°	110.4	111.4	113.7	113.2	108.5	98.6	86.4	74.9	63.8	53.1	43.1
-35°	111.4	112.8	114.8	112.0	104.3	94.0	82.3	71.5	60.9	50.7	41.2
-37.5°	112.5	114.5	113.3	109.0	99.9	89.1	78.3	67.9	57.8	48.1	39.3
-40°	114.3	114.8	111.9	104.0	94.6	83.9	74.0	64.2	54.6	45.3	37.2
-42.5°	115.9	113.3	107.6	98.8	88.8	79.0	69.6	60.4	51.4	42.7	35.1
-45°	114.3	110.1	102.0	92.5	82.9	74.0	65.1	56.4	48.0	40.2	32.9
-47.5°	111.4	104.0	95.4	86.0	77.2	68.7	60.5	52.5	44.5	37.5	30.6
-50°	104.8	97.0	88.0	79.5	71.3	63.5	55.8	48.5	41.4	34.7	28.3
-52.5°	96.8	88.6	80.6	73.0	65.5	58.1	51.4	44.5	38.1	31.9	25.8
-55°	87.5	80.4	73.3	66.4	59.6	53.1	46.9	40.7	34.7	29.0	23.3
-57.5°	78.7	72.4	66.2	59.9	53.9	48.2	42.4	36.7	31.3	26.0	21.2
-60°	70.0	64.6	59.0	53.6	48.4	43.1	37.8	32.6	27.8	23.0	19.1
-62.5°	61.8	57.0	52.3	47.5	42.8	38.0	33.1	28.7	24.2	20.5	16.9
-65°	53.8	49.7	45.6	41.5	37.3	32.9	28.7	24.7	21.2	18.0	14.8
-67.5°	45.9	42.7	39.3	35.6	31.9	28.1	24.3	21.2	18.3	15.4	13.1
-70°	39.0	36.1	33.0	29.9	26.6	23.4	20.6	18.0	15.4	13.4	11.4
-72.5°	32.1	29.6	27.0	24.2	21.8	19.4	17.0	14.8	13.0	11.3	9.7
-75°	25.3	23.3	21.4	19.4	17.4	15.4	13.7	12.1	10.7	9.3	7.9
-77.5°	19.2	17.7	16.2	14.8	13.4	12.1	10.7	9.5	8.4	7.3	6.2
-80°	13.6	12.7	11.8	10.8	9.8	8.8	7.9	7.1	6.3	5.4	4.5
-82.5°	8.5	8.1	7.7	7.2	6.6	6.0	5.4	4.8	4.1	3.4	3.0
-85°	5.1	4.8	4.5	4.1	3.7	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	5.0	3.7	2.8	2.1	1.4	0.7	0.0
75°	6.5	5.0	3.5	2.6	1.7	0.9	0.0
72.5°	8.0	6.2	4.4	3.0	2.0	1.0	0.0
70°	9.4	7.4	5.4	3.4	2.3	1.1	0.0
67.5°	10.9	8.5	6.3	4.1	2.5	1.3	0.0
65°	12.4	9.8	7.2	4.8	2.8	1.4	0.0
62.5°	13.8	11.0	8.1	5.4	3.0	1.5	0.0
60°	15.3	12.2	8.9	6.1	3.3	1.6	0.0
57.5°	17.1	13.4	9.9	6.7	3.7	1.8	0.0
55°	18.9	14.6	10.9	7.3	4.1	1.9	0.0
52.5°	20.6	15.8	11.8	7.9	4.5	2.0	0.0
50°	22.3	17.3	12.8	8.4	4.9	2.1	0.0
47.5°	24.0	18.6	13.7	9.0	5.3	2.2	0.0
45°	25.9	19.9	14.5	9.7	5.6	2.3	0.0
42.5°	27.7	21.2	15.4	10.3	6.0	2.4	0.0
40°	29.5	22.4	16.3	10.9	6.3	2.5	0.0
37.5°	31.1	23.6	17.2	11.5	6.6	2.6	0.0
35°	32.6	24.8	18.1	12.0	6.9	2.7	0.0
32.5°	34.0	26.0	18.9	12.5	7.2	2.8	0.0
30°	35.5	27.1	19.7	13.0	7.5	2.9	0.0
27.5°	36.9	28.1	20.3	13.4	7.8	2.9	0.0
25°	38.1	29.0	20.9	13.8	8.0	3.0	0.0
22.5°	39.3	29.8	21.4	14.1	8.2	3.0	0.0
20°	40.3	30.5	21.9	14.4	8.4	3.1	0.0
17.5°	41.3	31.1	22.3	14.7	8.6	3.1	0.0
15°	42.1	31.6	22.7	14.9	8.8	3.2	0.0
12.5°	42.8	32.0	23.0	15.0	8.9	3.2	0.0
10°	43.4	32.4	23.2	15.2	9.0	3.2	0.0
7.5°	43.8	32.7	23.4	15.3	9.1	3.3	0.0
5°	44.1	32.8	23.5	15.3	9.2	3.3	0.0
2.5°	44.3	32.9	23.5	15.3	9.3	3.3	0.0
0°	44.4	32.9	23.5	15.3	9.3	3.3	0.0
-2.5°	44.3	32.9	23.5	15.3	9.3	3.3	0.0
-5°	44.1	32.8	23.5	15.3	9.2	3.3	0.0
-7.5°	43.8	32.7	23.4	15.3	9.1	3.3	0.0
-10°	43.4	32.4	23.2	15.2	9.0	3.2	0.0
-12.5°	42.8	32.0	23.0	15.0	8.9	3.2	0.0
-15°	42.1	31.6	22.7	14.9	8.8	3.2	0.0
-17.5°	41.3	31.1	22.3	14.7	8.6	3.1	0.0
-20°	40.3	30.5	21.9	14.4	8.4	3.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.3	29.8	21.4	14.1	8.2	3.0	0.0
-25°	38.1	29.0	20.9	13.8	8.0	3.0	0.0
-27.5°	36.9	28.1	20.3	13.4	7.8	2.9	0.0
-30°	35.5	27.1	19.7	13.0	7.5	2.9	0.0
-32.5°	34.0	26.0	18.9	12.5	7.2	2.8	0.0
-35°	32.6	24.8	18.1	12.0	6.9	2.7	0.0
-37.5°	31.1	23.6	17.2	11.5	6.6	2.6	0.0
-40°	29.5	22.4	16.3	10.9	6.3	2.5	0.0
-42.5°	27.7	21.2	15.4	10.3	6.0	2.4	0.0
-45°	25.9	19.9	14.5	9.7	5.6	2.3	0.0
-47.5°	24.0	18.6	13.7	9.0	5.3	2.2	0.0
-50°	22.3	17.3	12.8	8.4	4.9	2.1	0.0
-52.5°	20.6	15.8	11.8	7.9	4.5	2.0	0.0
-55°	18.9	14.6	10.9	7.3	4.1	1.9	0.0
-57.5°	17.1	13.4	9.9	6.7	3.7	1.8	0.0
-60°	15.3	12.2	8.9	6.1	3.3	1.6	0.0
-62.5°	13.8	11.0	8.1	5.4	3.0	1.5	0.0
-65°	12.4	9.8	7.2	4.8	2.8	1.4	0.0
-67.5°	10.9	8.5	6.3	4.1	2.5	1.3	0.0
-70°	9.4	7.4	5.4	3.4	2.3	1.1	0.0
-72.5°	8.0	6.2	4.4	3.0	2.0	1.0	0.0
-75°	6.5	5.0	3.5	2.6	1.7	0.9	0.0
-77.5°	5.0	3.7	2.8	2.1	1.4	0.7	0.0
-80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)