

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: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558576 (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-SA1D-935-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

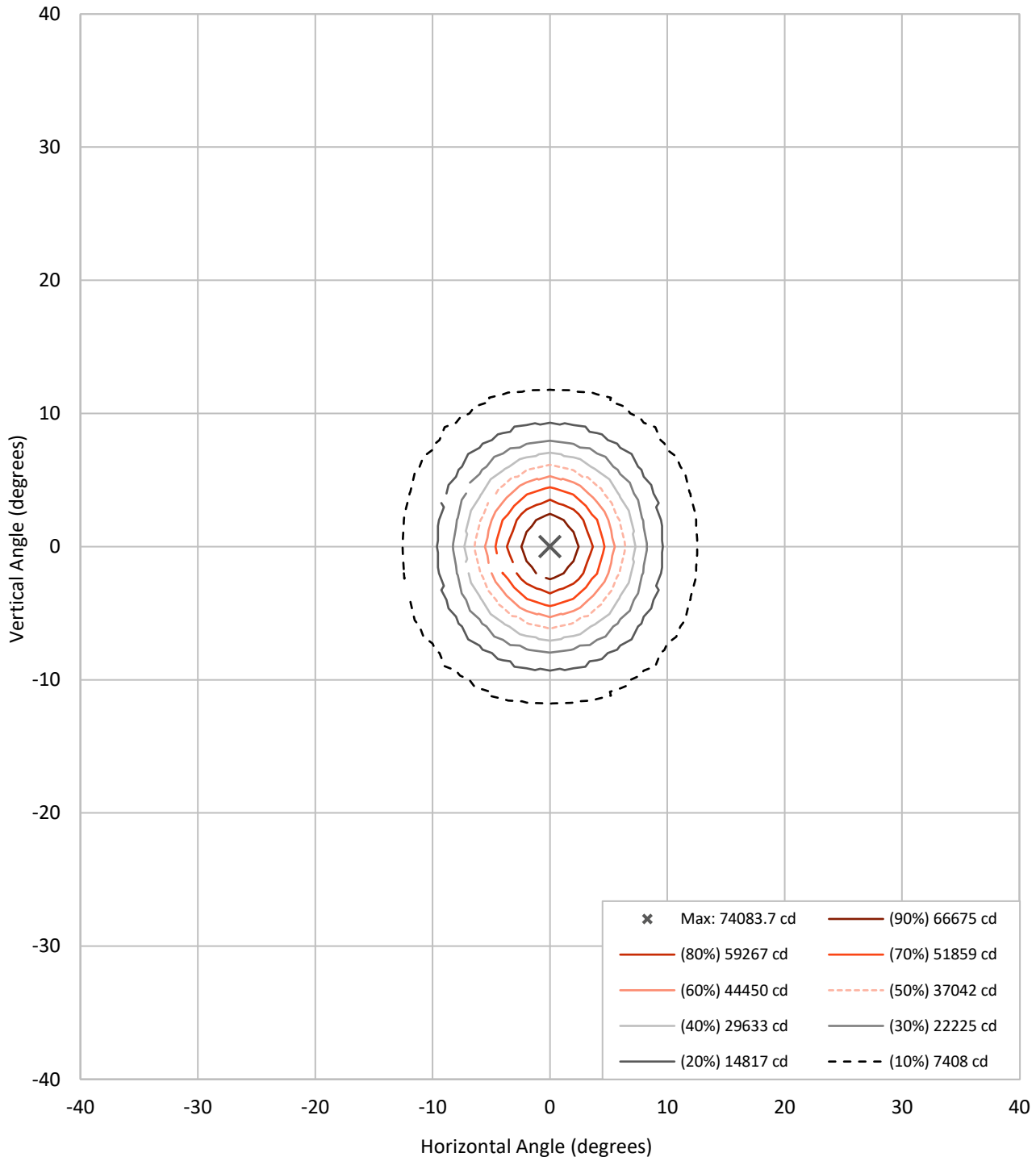
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	5370.1 lumens	Max Intensity:	74083.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1696.9 lumens	Field Lumens:	3759.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 55
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: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-935-U-TS-XX

Iso-Candela Plot





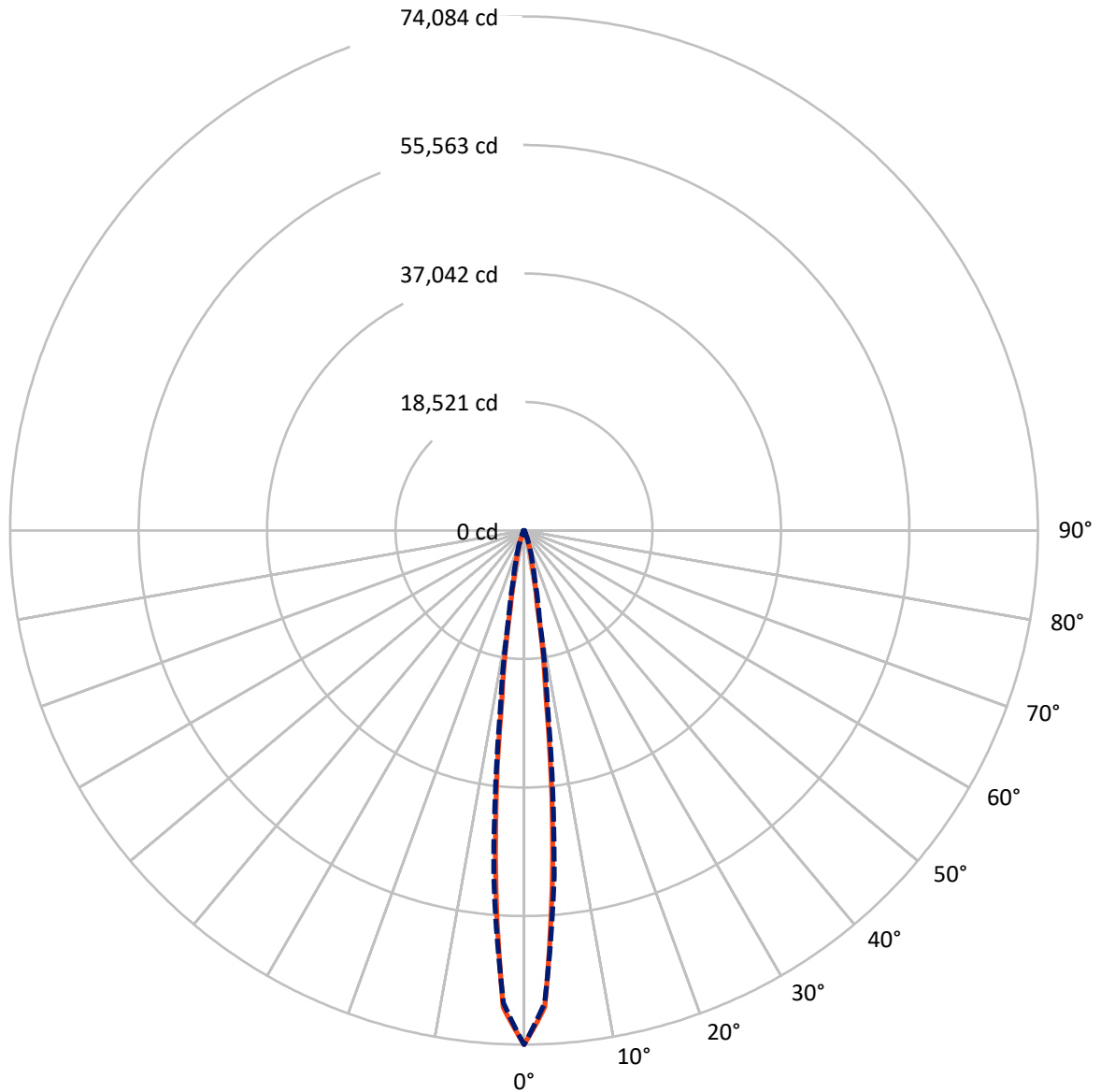
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Lumen Table

90	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1
80	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1
70	0.3	0.3	0.7	1.1	1.6	1.9	2.2	2.3	2.3	2.2	1.9	1.6	1.1	0.7	0.3	0.3
60		0.5	1.0	1.6	2.0	2.4	2.6	2.7	2.7	2.6	2.4	2.0	1.6	1.0	0.5	
50	0.5	0.7	1.3	1.8	2.3	2.7	3.0	3.1	3.1	3.0	2.7	2.3	1.8	1.3	0.7	0.5
40		0.8	1.4	2.0	2.5	3.3	4.1	4.6	4.6	4.1	3.3	2.5	2.0	1.4	0.8	
30	0.7	0.9	1.5	2.1	3.0	4.6	10.3	18.7	18.7	10.3	4.6	3.0	2.1	1.5	0.9	0.7
20		0.9	1.6	2.2	3.5	10.0	56.3	123.9	123.9	56.3	10.0	3.5	2.2	1.6	0.9	
10	0.8	1.0	1.6	2.3	3.9	19.1	135.2	874.5	874.5	135.2	19.1	3.9	2.3	1.6	1.0	0.8
0		1.0	1.6	2.3	3.9	19.1	135.2	874.5	874.5	135.2	19.1	3.9	2.3	1.6	1.0	
-10	0.7	0.9	1.6	2.2	3.5	10.0	56.3	123.9	123.9	56.3	10.0	3.5	2.2	1.6	0.9	0.7
-20		0.9	1.5	2.1	3.0	4.6	10.3	18.7	18.7	10.3	4.6	3.0	2.1	1.5	0.9	
-30	0.5	0.8	1.4	2.0	2.5	3.3	4.1	4.6	4.6	4.1	3.3	2.5	2.0	1.4	0.8	0.5
-40		0.7	1.3	1.8	2.3	2.7	3.0	3.1	3.1	3.0	2.7	2.3	1.8	1.3	0.7	
-50	0.3	0.5	1.0	1.6	2.0	2.4	2.6	2.7	2.7	2.6	2.4	2.0	1.6	1.0	0.5	0.3
-60		0.3	0.7	1.1	1.6	1.9	2.2	2.3	2.3	2.2	1.9	1.6	1.1	0.7	0.3	
-70	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1
-80		0.6		1.7		2.8		3.2		2.8		1.7		0.6		
-90	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1

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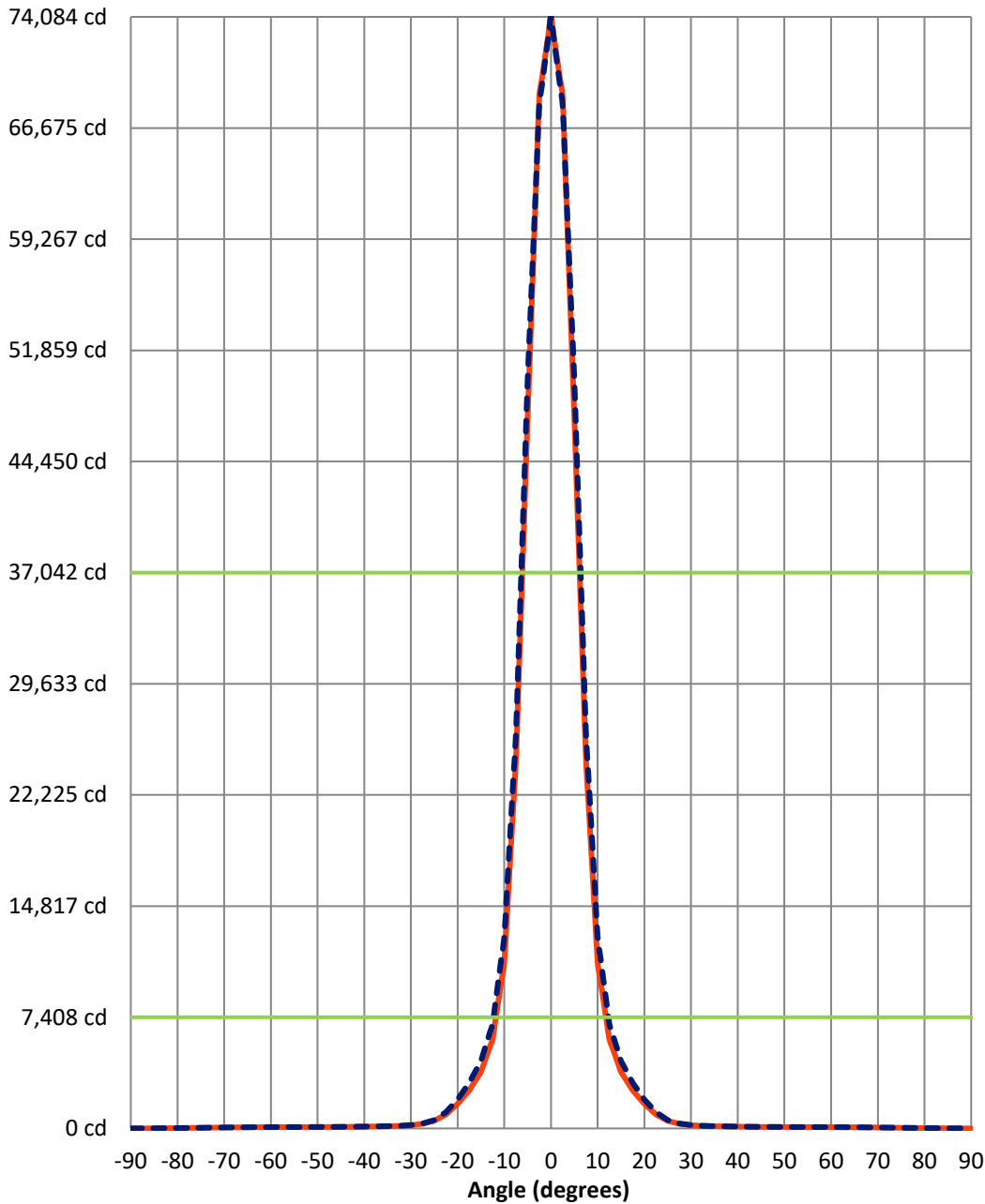
Luminous Intensity Polar Plot



— 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: 1696.9
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 3759.1
 Efficiency: 70.0%

Spill:
 Lumens: 1611
 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	0.2	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	5.0
80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.3	7.2
77.5°	0.0	0.9	1.7	2.5	3.2	4.0	4.9	6.0	7.1	8.3	9.6
75°	0.0	1.0	2.1	3.0	3.9	5.1	6.2	7.5	8.9	10.5	12.1
72.5°	0.0	1.2	2.4	3.5	4.8	6.1	7.5	9.1	11.0	12.8	14.5
70°	0.0	1.4	2.7	4.0	5.6	7.2	8.7	10.9	13.0	15.1	17.8
67.5°	0.0	1.5	3.1	4.6	6.4	8.2	10.3	12.7	15.1	18.1	21.3
65°	0.0	1.7	3.4	5.2	7.2	9.3	11.9	14.5	17.7	21.1	24.8
62.5°	0.0	1.8	3.7	5.8	8.0	10.5	13.4	16.5	20.2	24.1	28.4
60°	0.0	2.0	4.0	6.4	8.8	11.8	14.8	18.6	22.6	27.3	32.0
57.5°	0.0	2.1	4.4	7.0	9.7	12.9	16.6	20.7	25.3	30.4	35.5
55°	0.0	2.3	4.7	7.5	10.6	14.1	18.3	22.7	28.1	33.5	39.1
52.5°	0.0	2.4	5.1	8.1	11.5	15.2	19.9	25.0	30.7	36.6	42.6
50°	0.0	2.6	5.4	8.6	12.3	16.6	21.6	27.2	33.3	39.6	46.0
47.5°	0.0	2.7	5.8	9.1	13.1	17.9	23.2	29.4	35.8	42.5	49.3
45°	0.0	2.8	6.1	9.7	13.9	19.1	24.9	31.4	38.4	45.5	52.6
42.5°	0.0	2.9	6.4	10.3	14.6	20.3	26.6	33.5	40.8	48.3	55.4
40°	0.0	3.1	6.7	10.8	15.5	21.5	28.2	35.5	43.1	51.0	57.9
37.5°	0.0	3.2	6.9	11.2	16.3	22.5	29.7	37.4	45.4	53.4	60.4
35°	0.0	3.3	7.2	11.7	17.1	23.7	31.1	39.2	47.5	55.5	62.6
32.5°	0.0	3.4	7.4	12.1	17.9	24.8	32.5	40.9	49.5	57.4	64.5
30°	0.0	3.5	7.7	12.5	18.6	25.8	33.8	42.5	51.3	59.2	66.3
27.5°	0.0	3.5	7.9	12.9	19.3	26.8	35.1	44.0	52.9	60.8	68.0
25°	0.0	3.6	8.1	13.2	19.9	27.6	36.2	45.3	54.3	62.2	69.5
22.5°	0.0	3.7	8.2	13.5	20.4	28.4	37.3	46.6	55.5	63.5	70.6
20°	0.0	3.8	8.4	13.7	20.9	29.1	38.2	47.6	56.5	64.5	71.7
17.5°	0.0	3.8	8.5	13.9	21.4	29.8	39.1	48.6	57.5	65.5	72.6
15°	0.0	3.9	8.7	14.1	21.8	30.3	39.8	49.4	58.3	66.3	73.4
12.5°	0.0	3.9	8.8	14.3	22.1	30.8	40.4	50.1	59.0	67.0	74.1
10°	0.0	3.9	8.8	14.4	22.4	31.2	41.0	50.6	59.5	67.6	74.6
7.5°	0.0	4.0	8.9	14.5	22.6	31.5	41.4	51.0	59.9	68.0	75.0
5°	0.0	4.0	9.0	14.5	22.8	31.7	41.7	51.3	60.2	68.2	75.2
2.5°	0.0	4.0	9.0	14.5	22.9	31.9	41.8	51.4	60.3	68.3	75.3
0°	0.0	4.0	9.0	14.5	22.9	31.9	41.8	51.4	60.3	68.3	75.3
-2.5°	0.0	4.0	9.0	14.5	22.9	31.9	41.8	51.4	60.3	68.3	75.3
-5°	0.0	4.0	9.0	14.5	22.8	31.7	41.7	51.3	60.2	68.2	75.2
-7.5°	0.0	4.0	8.9	14.5	22.6	31.5	41.4	51.0	59.9	68.0	75.0
-10°	0.0	3.9	8.8	14.4	22.4	31.2	41.0	50.6	59.5	67.6	74.6
-12.5°	0.0	3.9	8.8	14.3	22.1	30.8	40.4	50.1	59.0	67.0	74.1
-15°	0.0	3.9	8.7	14.1	21.8	30.3	39.8	49.4	58.3	66.3	73.4
-17.5°	0.0	3.8	8.5	13.9	21.4	29.8	39.1	48.6	57.5	65.5	72.6
-20°	0.0	3.8	8.4	13.7	20.9	29.1	38.2	47.6	56.5	64.5	71.7



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	3.7	8.2	13.5	20.4	28.4	37.3	46.6	55.5	63.5	70.6
-25°	0.0	3.6	8.1	13.2	19.9	27.6	36.2	45.3	54.3	62.2	69.5
-27.5°	0.0	3.5	7.9	12.9	19.3	26.8	35.1	44.0	52.9	60.8	68.0
-30°	0.0	3.5	7.7	12.5	18.6	25.8	33.8	42.5	51.3	59.2	66.3
-32.5°	0.0	3.4	7.4	12.1	17.9	24.8	32.5	40.9	49.5	57.4	64.5
-35°	0.0	3.3	7.2	11.7	17.1	23.7	31.1	39.2	47.5	55.5	62.6
-37.5°	0.0	3.2	6.9	11.2	16.3	22.5	29.7	37.4	45.4	53.4	60.4
-40°	0.0	3.1	6.7	10.8	15.5	21.5	28.2	35.5	43.1	51.0	57.9
-42.5°	0.0	2.9	6.4	10.3	14.6	20.3	26.6	33.5	40.8	48.3	55.4
-45°	0.0	2.8	6.1	9.7	13.9	19.1	24.9	31.4	38.4	45.5	52.6
-47.5°	0.0	2.7	5.8	9.1	13.1	17.9	23.2	29.4	35.8	42.5	49.3
-50°	0.0	2.6	5.4	8.6	12.3	16.6	21.6	27.2	33.3	39.6	46.0
-52.5°	0.0	2.4	5.1	8.1	11.5	15.2	19.9	25.0	30.7	36.6	42.6
-55°	0.0	2.3	4.7	7.5	10.6	14.1	18.3	22.7	28.1	33.5	39.1
-57.5°	0.0	2.1	4.4	7.0	9.7	12.9	16.6	20.7	25.3	30.4	35.5
-60°	0.0	2.0	4.0	6.4	8.8	11.8	14.8	18.6	22.6	27.3	32.0
-62.5°	0.0	1.8	3.7	5.8	8.0	10.5	13.4	16.5	20.2	24.1	28.4
-65°	0.0	1.7	3.4	5.2	7.2	9.3	11.9	14.5	17.7	21.1	24.8
-67.5°	0.0	1.5	3.1	4.6	6.4	8.2	10.3	12.7	15.1	18.1	21.3
-70°	0.0	1.4	2.7	4.0	5.6	7.2	8.7	10.9	13.0	15.1	17.8
-72.5°	0.0	1.2	2.4	3.5	4.8	6.1	7.5	9.1	11.0	12.8	14.5
-75°	0.0	1.0	2.1	3.0	3.9	5.1	6.2	7.5	8.9	10.5	12.1
-77.5°	0.0	0.9	1.7	2.5	3.2	4.0	4.9	6.0	7.1	8.3	9.6
-80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.3	7.2
-82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	5.0
-85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
-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-SA1D-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°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
85°	3.2	3.5	3.9	4.2	4.4	4.7	4.9	5.2	5.5	5.8	6.1
82.5°	5.5	6.0	6.4	6.7	7.1	7.4	7.8	8.4	9.2	9.9	10.6
80°	7.9	8.5	9.3	10.2	11.1	12.0	12.9	13.7	14.6	15.5	16.5
77.5°	10.7	11.8	13.0	14.4	15.7	17.1	18.6	20.2	21.5	22.7	23.8
75°	13.5	15.0	17.1	19.1	21.1	23.0	25.0	26.9	28.6	30.2	31.8
72.5°	16.8	19.3	21.7	24.1	26.6	29.1	31.4	33.5	35.7	37.8	39.9
70°	20.7	23.5	26.5	29.5	32.5	35.2	37.9	40.6	43.2	45.6	47.8
67.5°	24.6	28.0	31.5	34.9	38.1	41.2	44.4	47.5	50.4	53.0	55.2
65°	28.7	32.5	36.3	40.0	43.5	47.2	50.7	54.2	56.9	59.2	61.5
62.5°	32.7	37.0	41.1	45.2	49.2	53.1	56.5	59.6	62.4	65.0	67.4
60°	36.7	41.4	45.9	50.4	54.6	58.2	61.6	64.7	67.6	70.4	72.4
57.5°	40.7	45.8	50.7	55.2	59.2	62.9	66.3	69.5	72.1	74.3	76.5
55°	44.7	50.1	55.1	59.6	63.6	67.2	70.6	73.3	75.8	77.9	80.1
52.5°	48.5	54.2	59.1	63.6	67.6	71.1	74.1	76.8	79.1	81.3	83.1
50°	52.3	57.8	62.9	67.2	71.1	74.5	77.3	79.9	82.1	84.1	85.7
47.5°	55.6	61.3	66.2	70.6	74.3	77.4	80.2	82.6	84.9	86.6	88.2
45°	58.7	64.3	69.3	73.5	77.1	80.1	82.7	85.3	87.2	88.9	90.1
42.5°	61.7	67.1	72.0	76.3	79.5	82.4	85.1	87.3	89.2	90.7	92.1
40°	64.2	69.9	74.5	78.4	81.7	84.5	86.9	89.2	91.1	92.5	94.0
37.5°	66.6	72.1	76.8	80.4	83.5	86.2	88.7	90.7	92.6	94.2	96.1
35°	68.9	74.2	78.5	82.1	85.1	87.8	90.1	92.2	94.1	96.2	98.5
32.5°	70.9	76.1	80.2	83.5	86.4	89.2	91.5	93.6	95.8	98.2	100.9
30°	72.6	77.6	81.6	84.7	87.6	90.2	92.7	95.0	97.4	100.2	103.9
27.5°	74.1	79.0	82.7	85.8	88.7	91.1	93.8	96.4	99.1	102.4	107.0
25°	75.5	80.2	83.6	86.7	89.5	92.0	94.7	97.4	100.8	105.2	111.3
22.5°	76.6	81.3	84.4	87.6	90.1	92.8	95.6	98.6	102.4	107.8	115.7
20°	77.6	82.0	85.1	88.3	90.7	93.5	96.3	99.5	104.1	111.2	120.3
17.5°	78.4	82.6	85.7	88.7	91.2	94.1	97.0	100.3	105.6	114.4	124.6
15°	79.1	83.1	86.1	89.0	91.6	94.5	97.6	101.4	107.6	117.5	128.5
12.5°	79.8	83.4	86.5	89.2	92.0	94.8	98.1	102.3	109.6	120.4	132.3
10°	80.3	83.7	86.8	89.4	92.3	95.0	98.4	102.9	111.1	122.0	134.6
7.5°	80.6	84.0	86.9	89.5	92.4	95.1	98.7	103.3	112.0	122.9	135.8
5°	80.8	84.1	87.1	89.6	92.6	95.2	98.9	103.3	112.4	123.0	136.3
2.5°	80.9	84.3	87.3	89.8	92.7	95.5	99.4	103.9	112.8	123.6	136.7
0°	80.8	84.3	87.3	89.8	92.8	95.8	99.7	104.2	112.7	124.2	136.7
-2.5°	80.9	84.3	87.3	89.8	92.7	95.5	99.4	103.9	112.8	123.6	136.7
-5°	80.8	84.1	87.1	89.6	92.6	95.2	98.9	103.3	112.4	123.0	136.3
-7.5°	80.6	84.0	86.9	89.5	92.4	95.1	98.7	103.3	112.0	122.9	135.8
-10°	80.3	83.7	86.8	89.4	92.3	95.0	98.4	102.9	111.1	122.0	134.6
-12.5°	79.8	83.4	86.5	89.2	92.0	94.8	98.1	102.3	109.6	120.4	132.3
-15°	79.1	83.1	86.1	89.0	91.6	94.5	97.6	101.4	107.6	117.5	128.5
-17.5°	78.4	82.6	85.7	88.7	91.2	94.1	97.0	100.3	105.6	114.4	124.6
-20°	77.6	82.0	85.1	88.3	90.7	93.5	96.3	99.5	104.1	111.2	120.3



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	76.6	81.3	84.4	87.6	90.1	92.8	95.6	98.6	102.4	107.8	115.7
-25°	75.5	80.2	83.6	86.7	89.5	92.0	94.7	97.4	100.8	105.2	111.3
-27.5°	74.1	79.0	82.7	85.8	88.7	91.1	93.8	96.4	99.1	102.4	107.0
-30°	72.6	77.6	81.6	84.7	87.6	90.2	92.7	95.0	97.4	100.2	103.9
-32.5°	70.9	76.1	80.2	83.5	86.4	89.2	91.5	93.6	95.8	98.2	100.9
-35°	68.9	74.2	78.5	82.1	85.1	87.8	90.1	92.2	94.1	96.2	98.5
-37.5°	66.6	72.1	76.8	80.4	83.5	86.2	88.7	90.7	92.6	94.2	96.1
-40°	64.2	69.9	74.5	78.4	81.7	84.5	86.9	89.2	91.1	92.5	94.0
-42.5°	61.7	67.1	72.0	76.3	79.5	82.4	85.1	87.3	89.2	90.7	92.1
-45°	58.7	64.3	69.3	73.5	77.1	80.1	82.7	85.3	87.2	88.9	90.1
-47.5°	55.6	61.3	66.2	70.6	74.3	77.4	80.2	82.6	84.9	86.6	88.2
-50°	52.3	57.8	62.9	67.2	71.1	74.5	77.3	79.9	82.1	84.1	85.7
-52.5°	48.5	54.2	59.1	63.6	67.6	71.1	74.1	76.8	79.1	81.3	83.1
-55°	44.7	50.1	55.1	59.6	63.6	67.2	70.6	73.3	75.8	77.9	80.1
-57.5°	40.7	45.8	50.7	55.2	59.2	62.9	66.3	69.5	72.1	74.3	76.5
-60°	36.7	41.4	45.9	50.4	54.6	58.2	61.6	64.7	67.6	70.4	72.4
-62.5°	32.7	37.0	41.1	45.2	49.2	53.1	56.5	59.6	62.4	65.0	67.4
-65°	28.7	32.5	36.3	40.0	43.5	47.2	50.7	54.2	56.9	59.2	61.5
-67.5°	24.6	28.0	31.5	34.9	38.1	41.2	44.4	47.5	50.4	53.0	55.2
-70°	20.7	23.5	26.5	29.5	32.5	35.2	37.9	40.6	43.2	45.6	47.8
-72.5°	16.8	19.3	21.7	24.1	26.6	29.1	31.4	33.5	35.7	37.8	39.9
-75°	13.5	15.0	17.1	19.1	21.1	23.0	25.0	26.9	28.6	30.2	31.8
-77.5°	10.7	11.8	13.0	14.4	15.7	17.1	18.6	20.2	21.5	22.7	23.8
-80°	7.9	8.5	9.3	10.2	11.1	12.0	12.9	13.7	14.6	15.5	16.5
-82.5°	5.5	6.0	6.4	6.7	7.1	7.4	7.8	8.4	9.2	9.9	10.6
-85°	3.2	3.5	3.9	4.2	4.4	4.7	4.9	5.2	5.5	5.8	6.1
-87.5°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
-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: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	6.4	6.6	6.9	7.2	7.5	7.7	7.8	8.0	8.1	8.2	8.3
82.5°	11.2	11.8	12.3	12.7	13.2	13.5	13.8	14.1	14.3	14.5	14.7
80°	17.4	18.3	19.1	19.8	20.5	21.1	21.6	21.9	22.3	22.6	22.9
77.5°	24.9	26.1	27.2	28.2	29.2	29.9	30.6	31.2	31.7	32.3	32.8
75°	33.3	34.8	36.1	37.3	38.4	39.4	40.3	41.1	41.7	42.4	42.9
72.5°	41.8	43.5	45.1	46.4	47.5	48.7	49.8	50.8	51.8	52.5	53.0
70°	49.8	51.6	53.2	54.7	56.0	57.4	58.9	60.2	61.4	62.2	62.6
67.5°	57.1	58.9	60.7	62.5	64.2	65.6	67.1	68.4	69.6	70.4	70.9
65°	63.6	65.6	67.6	69.5	71.2	72.5	73.8	75.1	76.2	77.2	77.9
62.5°	69.8	71.8	73.5	75.1	76.5	77.8	79.1	80.2	81.3	82.1	83.0
60°	74.5	76.5	78.2	79.7	81.0	82.3	83.3	84.2	84.9	85.4	85.9
57.5°	78.6	80.5	82.2	83.4	84.6	85.8	86.7	87.2	87.6	87.9	88.2
55°	82.0	83.6	85.0	86.3	87.5	88.6	89.4	89.7	89.9	90.1	90.2
52.5°	84.8	86.4	87.8	89.1	90.0	90.9	91.7	91.9	92.0	92.0	92.1
50°	87.4	88.9	90.0	91.1	92.1	92.9	93.5	93.8	94.0	94.0	93.9
47.5°	89.5	90.7	92.0	93.1	94.1	95.0	95.8	96.2	96.5	96.6	96.6
45°	91.3	92.8	94.1	95.4	96.6	97.7	98.7	99.4	100.1	100.6	100.8
42.5°	93.4	94.9	96.4	98.2	99.8	101.3	103.0	104.5	106.1	107.7	108.8
40°	95.6	97.2	99.5	101.6	104.0	106.2	109.7	113.3	116.0	118.3	120.4
37.5°	98.1	100.4	103.1	105.9	109.8	113.9	118.4	122.8	126.7	130.1	132.9
35°	100.9	104.1	107.4	112.3	117.3	122.4	127.8	133.6	138.6	142.2	144.8
32.5°	104.4	108.4	113.7	120.0	126.2	132.7	139.2	145.7	150.6	155.7	160.8
30°	108.3	114.0	121.0	128.6	136.3	144.0	152.2	161.3	170.0	179.3	192.5
27.5°	113.2	120.3	128.4	137.4	146.6	155.9	170.2	185.7	208.9	227.4	258.8
25°	118.5	126.8	136.4	146.9	158.2	174.8	200.8	231.6	286.1	328.4	392.6
22.5°	124.5	134.1	144.7	156.8	175.0	206.4	250.9	329.9	439.8	548.4	669.2
20°	130.3	140.9	152.6	170.8	201.8	251.4	347.8	518.6	709.3	981.0	1209.0
17.5°	135.8	147.1	161.9	186.6	232.9	332.7	519.4	812.0	1210.4	1648.3	2013.4
15°	140.6	152.2	172.1	211.2	289.5	444.9	726.9	1224.8	1894.2	2493.7	3028.4
12.5°	144.7	158.4	183.2	231.1	338.6	568.7	1021.0	1728.0	2545.5	3386.2	4062.8
10°	147.6	165.0	198.0	267.9	416.7	715.9	1266.1	2158.0	3142.2	4164.0	5387.2
7.5°	149.4	169.7	209.3	295.2	486.3	880.0	1573.6	2541.8	3672.2	5067.0	6935.8
5°	150.7	172.9	217.6	315.8	532.8	988.4	1767.8	2832.7	4129.4	6146.2	9992.3
2.5°	151.4	174.4	222.4	327.1	554.1	1044.1	1904.4	2999.2	4407.6	6907.6	12109.8
0°	151.1	173.6	222.9	329.7	557.1	1086.7	1927.1	3046.8	4501.6	6975.8	12788.6
-2.5°	151.4	174.4	222.4	327.1	554.1	1044.1	1904.4	2999.2	4407.6	6907.6	12109.8
-5°	150.7	172.9	217.6	315.8	532.8	988.4	1767.8	2832.7	4129.4	6146.2	9992.3
-7.5°	149.4	169.7	209.3	295.2	486.3	880.0	1573.6	2541.8	3672.2	5067.0	6935.8
-10°	147.6	165.0	198.0	267.9	416.7	715.9	1266.1	2158.0	3142.2	4164.0	5387.2
-12.5°	144.7	158.4	183.2	231.1	338.6	568.7	1021.0	1728.0	2545.5	3386.2	4062.8
-15°	140.6	152.2	172.1	211.2	289.5	444.9	726.9	1224.8	1894.2	2493.7	3028.4
-17.5°	135.8	147.1	161.9	186.6	232.9	332.7	519.4	812.0	1210.4	1648.3	2013.4
-20°	130.3	140.9	152.6	170.8	201.8	251.4	347.8	518.6	709.3	981.0	1209.0



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	124.5	134.1	144.7	156.8	175.0	206.4	250.9	329.9	439.8	548.4	669.2
-25°	118.5	126.8	136.4	146.9	158.2	174.8	200.8	231.6	286.1	328.4	392.6
-27.5°	113.2	120.3	128.4	137.4	146.6	155.9	170.2	185.7	208.9	227.4	258.8
-30°	108.3	114.0	121.0	128.6	136.3	144.0	152.2	161.3	170.0	179.3	192.5
-32.5°	104.4	108.4	113.7	120.0	126.2	132.7	139.2	145.7	150.6	155.7	160.8
-35°	100.9	104.1	107.4	112.3	117.3	122.4	127.8	133.6	138.6	142.2	144.8
-37.5°	98.1	100.4	103.1	105.9	109.8	113.9	118.4	122.8	126.7	130.1	132.9
-40°	95.6	97.2	99.5	101.6	104.0	106.2	109.7	113.3	116.0	118.3	120.4
-42.5°	93.4	94.9	96.4	98.2	99.8	101.3	103.0	104.5	106.1	107.7	108.8
-45°	91.3	92.8	94.1	95.4	96.6	97.7	98.7	99.4	100.1	100.6	100.8
-47.5°	89.5	90.7	92.0	93.1	94.1	95.0	95.8	96.2	96.5	96.6	96.6
-50°	87.4	88.9	90.0	91.1	92.1	92.9	93.5	93.8	94.0	94.0	93.9
-52.5°	84.8	86.4	87.8	89.1	90.0	90.9	91.7	91.9	92.0	92.0	92.1
-55°	82.0	83.6	85.0	86.3	87.5	88.6	89.4	89.7	89.9	90.1	90.2
-57.5°	78.6	80.5	82.2	83.4	84.6	85.8	86.7	87.2	87.6	87.9	88.2
-60°	74.5	76.5	78.2	79.7	81.0	82.3	83.3	84.2	84.9	85.4	85.9
-62.5°	69.8	71.8	73.5	75.1	76.5	77.8	79.1	80.2	81.3	82.1	83.0
-65°	63.6	65.6	67.6	69.5	71.2	72.5	73.8	75.1	76.2	77.2	77.9
-67.5°	57.1	58.9	60.7	62.5	64.2	65.6	67.1	68.4	69.6	70.4	70.9
-70°	49.8	51.6	53.2	54.7	56.0	57.4	58.9	60.2	61.4	62.2	62.6
-72.5°	41.8	43.5	45.1	46.4	47.5	48.7	49.8	50.8	51.8	52.5	53.0
-75°	33.3	34.8	36.1	37.3	38.4	39.4	40.3	41.1	41.7	42.4	42.9
-77.5°	24.9	26.1	27.2	28.2	29.2	29.9	30.6	31.2	31.7	32.3	32.8
-80°	17.4	18.3	19.1	19.8	20.5	21.1	21.6	21.9	22.3	22.6	22.9
-82.5°	11.2	11.8	12.3	12.7	13.2	13.5	13.8	14.1	14.3	14.5	14.7
-85°	6.4	6.6	6.9	7.2	7.5	7.7	7.8	8.0	8.1	8.2	8.3
-87.5°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.9	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: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.3	8.2	8.1	8.0
82.5°	14.8	14.9	15.0	15.0	14.9	14.8	14.7	14.5	14.3	14.1	14.1
80°	23.1	23.3	23.4	23.4	23.3	23.1	22.9	22.6	22.3	21.9	21.9
77.5°	33.3	33.7	33.8	33.9	33.8	33.7	33.3	32.8	32.3	31.7	31.2
75°	43.4	43.7	43.8	43.9	43.8	43.7	43.4	42.9	42.4	41.7	41.1
72.5°	53.4	53.6	54.1	54.4	54.1	53.6	53.4	53.0	52.5	51.8	50.8
70°	62.9	63.0	63.5	63.8	63.5	63.0	62.9	62.6	62.2	61.4	60.2
67.5°	71.3	71.5	71.5	71.3	71.5	71.5	71.3	70.9	70.4	69.6	68.4
65°	78.5	79.0	79.0	78.8	79.0	79.0	78.5	77.9	77.2	76.2	75.1
62.5°	83.8	84.5	84.7	84.8	84.7	84.5	83.8	83.0	82.1	81.3	80.2
60°	86.4	86.7	86.8	86.8	86.8	86.7	86.4	85.9	85.4	84.9	84.2
57.5°	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.2	87.9	87.6	87.2
55°	90.2	90.2	90.1	89.8	90.1	90.2	90.2	90.2	90.1	89.9	89.7
52.5°	92.0	91.8	91.6	91.3	91.6	91.8	92.0	92.1	92.0	92.0	91.9
50°	93.7	93.4	93.3	93.3	93.3	93.4	93.7	93.9	94.0	94.0	93.8
47.5°	96.5	96.3	96.2	96.3	96.2	96.3	96.5	96.6	96.6	96.5	96.2
45°	100.9	100.7	100.6	100.7	100.6	100.7	100.9	100.8	100.6	100.1	99.4
42.5°	109.5	109.5	109.5	109.7	109.5	109.5	109.5	108.8	107.7	106.1	104.5
40°	121.3	121.2	120.8	120.7	120.8	121.2	121.3	120.4	118.3	116.0	113.3
37.5°	134.1	134.1	133.7	133.7	133.7	134.1	134.1	132.9	130.1	126.7	122.8
35°	146.2	146.7	146.6	146.1	146.6	146.7	146.2	144.8	142.2	138.6	133.6
32.5°	164.5	167.3	168.7	168.1	168.7	167.3	164.5	160.8	155.7	150.6	145.7
30°	200.9	208.1	211.8	213.5	211.8	208.1	200.9	192.5	179.3	170.0	161.3
27.5°	281.2	297.0	304.1	306.7	304.1	297.0	281.2	258.8	227.4	208.9	185.7
25°	448.6	484.4	502.0	507.7	502.0	484.4	448.6	392.6	328.4	286.1	231.6
22.5°	802.1	871.0	918.2	928.6	918.2	871.0	802.1	669.2	548.4	439.8	329.9
20°	1438.1	1571.5	1643.9	1637.3	1643.9	1571.5	1438.1	1209.0	981.0	709.3	518.6
17.5°	2323.7	2494.7	2576.1	2538.1	2576.1	2494.7	2323.7	2013.4	1648.3	1210.4	812.0
15°	3406.4	3637.5	3738.3	3769.4	3738.3	3637.5	3406.4	3028.4	2493.7	1894.2	1224.8
12.5°	4738.2	5495.7	5857.9	5954.9	5857.9	5495.7	4738.2	4062.8	3386.2	2545.5	1728.0
10°	6638.3	9184.3	10698.7	11068.4	10698.7	9184.3	6638.3	5387.2	4164.0	3142.2	2158.0
7.5°	10840.9	16014.5	21810.2	24554.8	21810.2	16014.5	10840.9	6935.8	5067.0	3672.2	2541.8
5°	16532.3	28693.2	42112.0	47372.4	42112.0	28693.2	16532.3	9992.3	6146.2	4129.4	2832.7
2.5°	23451.3	43324.5	61866.0	68777.9	61866.0	43324.5	23451.3	12109.8	6907.6	4407.6	2999.2
0°	26374.4	49948.4	68163.0	74083.7	68163.0	49948.4	26374.4	12788.6	6975.8	4501.6	3046.8
-2.5°	23451.3	43324.5	61866.0	68777.8	61866.0	43324.5	23451.3	12109.8	6907.6	4407.6	2999.2
-5°	16532.3	28693.2	42112.0	47372.4	42112.0	28693.2	16532.3	9992.3	6146.2	4129.4	2832.7
-7.5°	10840.9	16014.5	21810.2	24554.8	21810.2	16014.5	10840.9	6935.8	5067.0	3672.2	2541.8
-10°	6638.3	9184.3	10698.7	11068.4	10698.7	9184.3	6638.3	5387.2	4164.0	3142.2	2158.0
-12.5°	4738.2	5495.7	5857.9	5954.9	5857.9	5495.7	4738.2	4062.8	3386.2	2545.5	1728.0
-15°	3406.4	3637.5	3738.3	3769.4	3738.3	3637.5	3406.4	3028.4	2493.7	1894.2	1224.8
-17.5°	2323.7	2494.7	2576.1	2538.1	2576.1	2494.7	2323.7	2013.4	1648.3	1210.4	812.0
-20°	1438.1	1571.5	1643.9	1637.3	1643.9	1571.5	1438.1	1209.0	981.0	709.3	518.6



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	802.1	871.0	918.2	928.6	918.2	871.0	802.1	669.2	548.4	439.8	329.9
-25°	448.6	484.4	502.0	507.7	502.0	484.4	448.6	392.6	328.4	286.1	231.6
-27.5°	281.2	297.0	304.1	306.7	304.1	297.0	281.2	258.8	227.4	208.9	185.7
-30°	200.9	208.1	211.8	213.5	211.8	208.1	200.9	192.5	179.3	170.0	161.3
-32.5°	164.5	167.3	168.7	168.1	168.7	167.3	164.5	160.8	155.7	150.6	145.7
-35°	146.2	146.7	146.6	146.1	146.6	146.7	146.2	144.8	142.2	138.6	133.6
-37.5°	134.1	134.1	133.7	133.7	133.7	134.1	134.1	132.9	130.1	126.7	122.8
-40°	121.3	121.2	120.8	120.7	120.8	121.2	121.3	120.4	118.3	116.0	113.3
-42.5°	109.5	109.5	109.5	109.7	109.5	109.5	109.5	108.8	107.7	106.1	104.5
-45°	100.9	100.7	100.6	100.7	100.6	100.7	100.9	100.8	100.6	100.1	99.4
-47.5°	96.5	96.3	96.2	96.3	96.2	96.3	96.5	96.6	96.6	96.5	96.2
-50°	93.7	93.4	93.3	93.3	93.3	93.4	93.7	93.9	94.0	94.0	93.8
-52.5°	92.0	91.8	91.6	91.3	91.6	91.8	92.0	92.1	92.0	92.0	91.9
-55°	90.2	90.2	90.1	89.8	90.1	90.2	90.2	90.2	90.1	89.9	89.7
-57.5°	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.2	87.9	87.6	87.2
-60°	86.4	86.7	86.8	86.8	86.8	86.7	86.4	85.9	85.4	84.9	84.2
-62.5°	83.8	84.5	84.7	84.8	84.7	84.5	83.8	83.0	82.1	81.3	80.2
-65°	78.5	79.0	79.0	78.8	79.0	79.0	78.5	77.9	77.2	76.2	75.1
-67.5°	71.3	71.5	71.5	71.3	71.5	71.5	71.3	70.9	70.4	69.6	68.4
-70°	62.9	63.0	63.5	63.8	63.5	63.0	62.9	62.6	62.2	61.4	60.2
-72.5°	53.4	53.6	54.1	54.4	54.1	53.6	53.4	53.0	52.5	51.8	50.8
-75°	43.4	43.7	43.8	43.9	43.8	43.7	43.4	42.9	42.4	41.7	41.1
-77.5°	33.3	33.7	33.8	33.9	33.8	33.7	33.3	32.8	32.3	31.7	31.2
-80°	23.1	23.3	23.4	23.4	23.4	23.3	23.1	22.9	22.6	22.3	21.9
-82.5°	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.7	14.5	14.3	14.1
-85°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.3	8.2	8.1	8.0
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	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



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
85°	7.8	7.7	7.5	7.2	6.9	6.6	6.4	6.1	5.8	5.5	5.2
82.5°	13.8	13.5	13.2	12.7	12.3	11.8	11.2	10.6	9.9	9.2	8.4
80°	21.6	21.1	20.5	19.8	19.1	18.3	17.4	16.5	15.5	14.6	13.7
77.5°	30.6	29.9	29.2	28.2	27.2	26.1	24.9	23.8	22.7	21.5	20.2
75°	40.3	39.4	38.4	37.3	36.1	34.8	33.3	31.8	30.2	28.6	26.9
72.5°	49.8	48.7	47.5	46.4	45.1	43.5	41.8	39.9	37.8	35.7	33.5
70°	58.9	57.4	56.0	54.7	53.2	51.6	49.8	47.8	45.6	43.2	40.6
67.5°	67.1	65.6	64.2	62.5	60.7	58.9	57.1	55.2	53.0	50.4	47.5
65°	73.8	72.5	71.2	69.5	67.6	65.6	63.6	61.5	59.2	56.9	54.2
62.5°	79.1	77.8	76.5	75.1	73.5	71.8	69.8	67.4	65.0	62.4	59.6
60°	83.3	82.3	81.0	79.7	78.2	76.5	74.5	72.4	70.4	67.6	64.7
57.5°	86.7	85.8	84.6	83.4	82.2	80.5	78.6	76.5	74.3	72.1	69.5
55°	89.4	88.6	87.5	86.3	85.0	83.6	82.0	80.1	77.9	75.8	73.3
52.5°	91.7	90.9	90.0	89.1	87.8	86.4	84.8	83.1	81.3	79.1	76.8
50°	93.5	92.9	92.1	91.1	90.0	88.9	87.4	85.7	84.1	82.1	79.9
47.5°	95.8	95.0	94.1	93.1	92.0	90.7	89.5	88.2	86.6	84.9	82.6
45°	98.7	97.7	96.6	95.4	94.1	92.8	91.3	90.1	88.9	87.2	85.3
42.5°	103.0	101.3	99.8	98.2	96.4	94.9	93.4	92.1	90.7	89.2	87.3
40°	109.7	106.2	104.0	101.6	99.5	97.2	95.6	94.0	92.5	91.1	89.2
37.5°	118.4	113.9	109.8	105.9	103.1	100.4	98.1	96.1	94.2	92.6	90.7
35°	127.8	122.4	117.3	112.3	107.4	104.1	100.9	98.5	96.2	94.1	92.2
32.5°	139.2	132.7	126.2	120.0	113.7	108.4	104.4	100.9	98.2	95.8	93.6
30°	152.2	144.0	136.3	128.6	121.0	114.0	108.3	103.9	100.2	97.4	95.0
27.5°	170.2	155.9	146.6	137.4	128.4	120.3	113.2	107.0	102.4	99.1	96.4
25°	200.8	174.8	158.2	146.9	136.4	126.8	118.5	111.3	105.2	100.8	97.4
22.5°	250.9	206.4	175.0	156.8	144.7	134.1	124.5	115.7	107.8	102.4	98.6
20°	347.8	251.4	201.8	170.8	152.6	140.9	130.3	120.3	111.2	104.1	99.5
17.5°	519.4	332.7	232.9	186.6	161.9	147.1	135.8	124.6	114.4	105.6	100.3
15°	726.9	444.9	289.5	211.2	172.1	152.2	140.6	128.5	117.5	107.6	101.4
12.5°	1021.0	568.7	338.6	231.1	183.2	158.4	144.7	132.3	120.4	109.6	102.3
10°	1266.1	715.9	416.7	267.9	198.0	165.0	147.6	134.6	122.0	111.1	102.9
7.5°	1573.6	880.0	486.3	295.2	209.3	169.7	149.4	135.8	122.9	112.0	103.3
5°	1767.8	988.4	532.8	315.8	217.6	172.9	150.7	136.3	123.0	112.4	103.3
2.5°	1904.4	1044.1	554.1	327.1	222.4	174.4	151.4	136.7	123.6	112.8	103.9
0°	1927.1	1086.7	557.1	329.7	222.9	173.6	151.1	136.7	124.2	112.7	104.2
-2.5°	1904.4	1044.1	554.1	327.1	222.4	174.4	151.4	136.7	123.6	112.8	103.9
-5°	1767.8	988.4	532.8	315.8	217.6	172.9	150.7	136.3	123.0	112.4	103.3
-7.5°	1573.6	880.0	486.3	295.2	209.3	169.7	149.4	135.8	122.9	112.0	103.3
-10°	1266.1	715.9	416.7	267.9	198.0	165.0	147.6	134.6	122.0	111.1	102.9
-12.5°	1021.0	568.7	338.6	231.1	183.2	158.4	144.7	132.3	120.4	109.6	102.3
-15°	726.9	444.9	289.5	211.2	172.1	152.2	140.6	128.5	117.5	107.6	101.4
-17.5°	519.4	332.7	232.9	186.6	161.9	147.1	135.8	124.6	114.4	105.6	100.3
-20°	347.8	251.4	201.8	170.8	152.6	140.9	130.3	120.3	111.2	104.1	99.5



REPORT NUMBER: P558576 (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°	250.9	206.4	175.0	156.8	144.7	134.1	124.5	115.7	107.8	102.4	98.6
-25°	200.8	174.8	158.2	146.9	136.4	126.8	118.5	111.3	105.2	100.8	97.4
-27.5°	170.2	155.9	146.6	137.4	128.4	120.3	113.2	107.0	102.4	99.1	96.4
-30°	152.2	144.0	136.3	128.6	121.0	114.0	108.3	103.9	100.2	97.4	95.0
-32.5°	139.2	132.7	126.2	120.0	113.7	108.4	104.4	100.9	98.2	95.8	93.6
-35°	127.8	122.4	117.3	112.3	107.4	104.1	100.9	98.5	96.2	94.1	92.2
-37.5°	118.4	113.9	109.8	105.9	103.1	100.4	98.1	96.1	94.2	92.6	90.7
-40°	109.7	106.2	104.0	101.6	99.5	97.2	95.6	94.0	92.5	91.1	89.2
-42.5°	103.0	101.3	99.8	98.2	96.4	94.9	93.4	92.1	90.7	89.2	87.3
-45°	98.7	97.7	96.6	95.4	94.1	92.8	91.3	90.1	88.9	87.2	85.3
-47.5°	95.8	95.0	94.1	93.1	92.0	90.7	89.5	88.2	86.6	84.9	82.6
-50°	93.5	92.9	92.1	91.1	90.0	88.9	87.4	85.7	84.1	82.1	79.9
-52.5°	91.7	90.9	90.0	89.1	87.8	86.4	84.8	83.1	81.3	79.1	76.8
-55°	89.4	88.6	87.5	86.3	85.0	83.6	82.0	80.1	77.9	75.8	73.3
-57.5°	86.7	85.8	84.6	83.4	82.2	80.5	78.6	76.5	74.3	72.1	69.5
-60°	83.3	82.3	81.0	79.7	78.2	76.5	74.5	72.4	70.4	67.6	64.7
-62.5°	79.1	77.8	76.5	75.1	73.5	71.8	69.8	67.4	65.0	62.4	59.6
-65°	73.8	72.5	71.2	69.5	67.6	65.6	63.6	61.5	59.2	56.9	54.2
-67.5°	67.1	65.6	64.2	62.5	60.7	58.9	57.1	55.2	53.0	50.4	47.5
-70°	58.9	57.4	56.0	54.7	53.2	51.6	49.8	47.8	45.6	43.2	40.6
-72.5°	49.8	48.7	47.5	46.4	45.1	43.5	41.8	39.9	37.8	35.7	33.5
-75°	40.3	39.4	38.4	37.3	36.1	34.8	33.3	31.8	30.2	28.6	26.9
-77.5°	30.6	29.9	29.2	28.2	27.2	26.1	24.9	23.8	22.7	21.5	20.2
-80°	21.6	21.1	20.5	19.8	19.1	18.3	17.4	16.5	15.5	14.6	13.7
-82.5°	13.8	13.5	13.2	12.7	12.3	11.8	11.2	10.6	9.9	9.2	8.4
-85°	7.8	7.7	7.5	7.2	6.9	6.6	6.4	6.1	5.8	5.5	5.2
-87.5°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
-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: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
85°	4.9	4.7	4.4	4.2	3.9	3.5	3.2	3.0	2.7	2.4	2.1
82.5°	7.8	7.4	7.1	6.7	6.4	6.0	5.5	5.0	4.3	3.6	3.1
80°	12.9	12.0	11.1	10.2	9.3	8.5	7.9	7.2	6.3	5.4	4.5
77.5°	18.6	17.1	15.7	14.4	13.0	11.8	10.7	9.6	8.3	7.1	6.0
75°	25.0	23.0	21.1	19.1	17.1	15.0	13.5	12.1	10.5	8.9	7.5
72.5°	31.4	29.1	26.6	24.1	21.7	19.3	16.8	14.5	12.8	11.0	9.1
70°	37.9	35.2	32.5	29.5	26.5	23.5	20.7	17.8	15.1	13.0	10.9
67.5°	44.4	41.2	38.1	34.9	31.5	28.0	24.6	21.3	18.1	15.1	12.7
65°	50.7	47.2	43.5	40.0	36.3	32.5	28.7	24.8	21.1	17.7	14.5
62.5°	56.5	53.1	49.2	45.2	41.1	37.0	32.7	28.4	24.1	20.2	16.5
60°	61.6	58.2	54.6	50.4	45.9	41.4	36.7	32.0	27.3	22.6	18.6
57.5°	66.3	62.9	59.2	55.2	50.7	45.8	40.7	35.5	30.4	25.3	20.7
55°	70.6	67.2	63.6	59.6	55.1	50.1	44.7	39.1	33.5	28.1	22.7
52.5°	74.1	71.1	67.6	63.6	59.1	54.2	48.5	42.6	36.6	30.7	25.0
50°	77.3	74.5	71.1	67.2	62.9	57.8	52.3	46.0	39.6	33.3	27.2
47.5°	80.2	77.4	74.3	70.6	66.2	61.3	55.6	49.3	42.5	35.8	29.4
45°	82.7	80.1	77.1	73.5	69.3	64.3	58.7	52.6	45.5	38.4	31.4
42.5°	85.1	82.4	79.5	76.3	72.0	67.1	61.7	55.4	48.3	40.8	33.5
40°	86.9	84.5	81.7	78.4	74.5	69.9	64.2	57.9	51.0	43.1	35.5
37.5°	88.7	86.2	83.5	80.4	76.8	72.1	66.6	60.4	53.4	45.4	37.4
35°	90.1	87.8	85.1	82.1	78.5	74.2	68.9	62.6	55.5	47.5	39.2
32.5°	91.5	89.2	86.4	83.5	80.2	76.1	70.9	64.5	57.4	49.5	40.9
30°	92.7	90.2	87.6	84.7	81.6	77.6	72.6	66.3	59.2	51.3	42.5
27.5°	93.8	91.1	88.7	85.8	82.7	79.0	74.1	68.0	60.8	52.9	44.0
25°	94.7	92.0	89.5	86.7	83.6	80.2	75.5	69.5	62.2	54.3	45.3
22.5°	95.6	92.8	90.1	87.6	84.4	81.3	76.6	70.6	63.5	55.5	46.6
20°	96.3	93.5	90.7	88.3	85.1	82.0	77.6	71.7	64.5	56.5	47.6
17.5°	97.0	94.1	91.2	88.7	85.7	82.6	78.4	72.6	65.5	57.5	48.6
15°	97.6	94.5	91.6	89.0	86.1	83.1	79.1	73.4	66.3	58.3	49.4
12.5°	98.1	94.8	92.0	89.2	86.5	83.4	79.8	74.1	67.0	59.0	50.1
10°	98.4	95.0	92.3	89.4	86.8	83.7	80.3	74.6	67.6	59.5	50.6
7.5°	98.7	95.1	92.4	89.5	86.9	84.0	80.6	75.0	68.0	59.9	51.0
5°	98.9	95.2	92.6	89.6	87.1	84.1	80.8	75.2	68.2	60.2	51.3
2.5°	99.4	95.5	92.7	89.8	87.3	84.3	80.9	75.3	68.3	60.3	51.4
0°	99.7	95.8	92.8	89.8	87.3	84.3	80.8	75.3	68.3	60.3	51.4
-2.5°	99.4	95.5	92.7	89.8	87.3	84.3	80.9	75.3	68.3	60.3	51.4
-5°	98.9	95.2	92.6	89.6	87.1	84.1	80.8	75.2	68.2	60.2	51.3
-7.5°	98.7	95.1	92.4	89.5	86.9	84.0	80.6	75.0	68.0	59.9	51.0
-10°	98.4	95.0	92.3	89.4	86.8	83.7	80.3	74.6	67.6	59.5	50.6
-12.5°	98.1	94.8	92.0	89.2	86.5	83.4	79.8	74.1	67.0	59.0	50.1
-15°	97.6	94.5	91.6	89.0	86.1	83.1	79.1	73.4	66.3	58.3	49.4
-17.5°	97.0	94.1	91.2	88.7	85.7	82.6	78.4	72.6	65.5	57.5	48.6
-20°	96.3	93.5	90.7	88.3	85.1	82.0	77.6	71.7	64.5	56.5	47.6



REPORT NUMBER: P558576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	95.6	92.8	90.1	87.6	84.4	81.3	76.6	70.6	63.5	55.5	46.6
-25°	94.7	92.0	89.5	86.7	83.6	80.2	75.5	69.5	62.2	54.3	45.3
-27.5°	93.8	91.1	88.7	85.8	82.7	79.0	74.1	68.0	60.8	52.9	44.0
-30°	92.7	90.2	87.6	84.7	81.6	77.6	72.6	66.3	59.2	51.3	42.5
-32.5°	91.5	89.2	86.4	83.5	80.2	76.1	70.9	64.5	57.4	49.5	40.9
-35°	90.1	87.8	85.1	82.1	78.5	74.2	68.9	62.6	55.5	47.5	39.2
-37.5°	88.7	86.2	83.5	80.4	76.8	72.1	66.6	60.4	53.4	45.4	37.4
-40°	86.9	84.5	81.7	78.4	74.5	69.9	64.2	57.9	51.0	43.1	35.5
-42.5°	85.1	82.4	79.5	76.3	72.0	67.1	61.7	55.4	48.3	40.8	33.5
-45°	82.7	80.1	77.1	73.5	69.3	64.3	58.7	52.6	45.5	38.4	31.4
-47.5°	80.2	77.4	74.3	70.6	66.2	61.3	55.6	49.3	42.5	35.8	29.4
-50°	77.3	74.5	71.1	67.2	62.9	57.8	52.3	46.0	39.6	33.3	27.2
-52.5°	74.1	71.1	67.6	63.6	59.1	54.2	48.5	42.6	36.6	30.7	25.0
-55°	70.6	67.2	63.6	59.6	55.1	50.1	44.7	39.1	33.5	28.1	22.7
-57.5°	66.3	62.9	59.2	55.2	50.7	45.8	40.7	35.5	30.4	25.3	20.7
-60°	61.6	58.2	54.6	50.4	45.9	41.4	36.7	32.0	27.3	22.6	18.6
-62.5°	56.5	53.1	49.2	45.2	41.1	37.0	32.7	28.4	24.1	20.2	16.5
-65°	50.7	47.2	43.5	40.0	36.3	32.5	28.7	24.8	21.1	17.7	14.5
-67.5°	44.4	41.2	38.1	34.9	31.5	28.0	24.6	21.3	18.1	15.1	12.7
-70°	37.9	35.2	32.5	29.5	26.5	23.5	20.7	17.8	15.1	13.0	10.9
-72.5°	31.4	29.1	26.6	24.1	21.7	19.3	16.8	14.5	12.8	11.0	9.1
-75°	25.0	23.0	21.1	19.1	17.1	15.0	13.5	12.1	10.5	8.9	7.5
-77.5°	18.6	17.1	15.7	14.4	13.0	11.8	10.7	9.6	8.3	7.1	6.0
-80°	12.9	12.0	11.1	10.2	9.3	8.5	7.9	7.2	6.3	5.4	4.5
-82.5°	7.8	7.4	7.1	6.7	6.4	6.0	5.5	5.0	4.3	3.6	3.1
-85°	4.9	4.7	4.4	4.2	3.9	3.5	3.2	3.0	2.7	2.4	2.1
-87.5°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
-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	0.8	0.7	0.5	0.3	0.2	0.0
85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
77.5°	4.9	4.0	3.2	2.5	1.7	0.9	0.0
75°	6.2	5.1	3.9	3.0	2.1	1.0	0.0
72.5°	7.5	6.1	4.8	3.5	2.4	1.2	0.0
70°	8.7	7.2	5.6	4.0	2.7	1.4	0.0
67.5°	10.3	8.2	6.4	4.6	3.1	1.5	0.0
65°	11.9	9.3	7.2	5.2	3.4	1.7	0.0
62.5°	13.4	10.5	8.0	5.8	3.7	1.8	0.0
60°	14.8	11.8	8.8	6.4	4.0	2.0	0.0
57.5°	16.6	12.9	9.7	7.0	4.4	2.1	0.0
55°	18.3	14.1	10.6	7.5	4.7	2.3	0.0
52.5°	19.9	15.2	11.5	8.1	5.1	2.4	0.0
50°	21.6	16.6	12.3	8.6	5.4	2.6	0.0
47.5°	23.2	17.9	13.1	9.1	5.8	2.7	0.0
45°	24.9	19.1	13.9	9.7	6.1	2.8	0.0
42.5°	26.6	20.3	14.6	10.3	6.4	2.9	0.0
40°	28.2	21.5	15.5	10.8	6.7	3.1	0.0
37.5°	29.7	22.5	16.3	11.2	6.9	3.2	0.0
35°	31.1	23.7	17.1	11.7	7.2	3.3	0.0
32.5°	32.5	24.8	17.9	12.1	7.4	3.4	0.0
30°	33.8	25.8	18.6	12.5	7.7	3.5	0.0
27.5°	35.1	26.8	19.3	12.9	7.9	3.5	0.0
25°	36.2	27.6	19.9	13.2	8.1	3.6	0.0
22.5°	37.3	28.4	20.4	13.5	8.2	3.7	0.0
20°	38.2	29.1	20.9	13.7	8.4	3.8	0.0
17.5°	39.1	29.8	21.4	13.9	8.5	3.8	0.0
15°	39.8	30.3	21.8	14.1	8.7	3.9	0.0
12.5°	40.4	30.8	22.1	14.3	8.8	3.9	0.0
10°	41.0	31.2	22.4	14.4	8.8	3.9	0.0
7.5°	41.4	31.5	22.6	14.5	8.9	4.0	0.0
5°	41.7	31.7	22.8	14.5	9.0	4.0	0.0
2.5°	41.8	31.9	22.9	14.5	9.0	4.0	0.0
0°	41.9	31.9	22.9	14.5	9.0	4.0	0.0
-2.5°	41.8	31.9	22.9	14.5	9.0	4.0	0.0
-5°	41.7	31.7	22.8	14.5	9.0	4.0	0.0
-7.5°	41.4	31.5	22.6	14.5	8.9	4.0	0.0
-10°	41.0	31.2	22.4	14.4	8.8	3.9	0.0
-12.5°	40.4	30.8	22.1	14.3	8.8	3.9	0.0
-15°	39.8	30.3	21.8	14.1	8.7	3.9	0.0
-17.5°	39.1	29.8	21.4	13.9	8.5	3.8	0.0
-20°	38.2	29.1	20.9	13.7	8.4	3.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.3	28.4	20.4	13.5	8.2	3.7	0.0
-25°	36.2	27.6	19.9	13.2	8.1	3.6	0.0
-27.5°	35.1	26.8	19.3	12.9	7.9	3.5	0.0
-30°	33.8	25.8	18.6	12.5	7.7	3.5	0.0
-32.5°	32.5	24.8	17.9	12.1	7.4	3.4	0.0
-35°	31.1	23.7	17.1	11.7	7.2	3.3	0.0
-37.5°	29.7	22.5	16.3	11.2	6.9	3.2	0.0
-40°	28.2	21.5	15.5	10.8	6.7	3.1	0.0
-42.5°	26.6	20.3	14.6	10.3	6.4	2.9	0.0
-45°	24.9	19.1	13.9	9.7	6.1	2.8	0.0
-47.5°	23.2	17.9	13.1	9.1	5.8	2.7	0.0
-50°	21.6	16.6	12.3	8.6	5.4	2.6	0.0
-52.5°	19.9	15.2	11.5	8.1	5.1	2.4	0.0
-55°	18.3	14.1	10.6	7.5	4.7	2.3	0.0
-57.5°	16.6	12.9	9.7	7.0	4.4	2.1	0.0
-60°	14.8	11.8	8.8	6.4	4.0	2.0	0.0
-62.5°	13.4	10.5	8.0	5.8	3.7	1.8	0.0
-65°	11.9	9.3	7.2	5.2	3.4	1.7	0.0
-67.5°	10.3	8.2	6.4	4.6	3.1	1.5	0.0
-70°	8.7	7.2	5.6	4.0	2.7	1.4	0.0
-72.5°	7.5	6.1	4.8	3.5	2.4	1.2	0.0
-75°	6.2	5.1	3.9	3.0	2.1	1.0	0.0
-77.5°	4.9	4.0	3.2	2.5	1.7	0.9	0.0
-80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
-82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
-85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	0.9	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)