

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: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-935-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

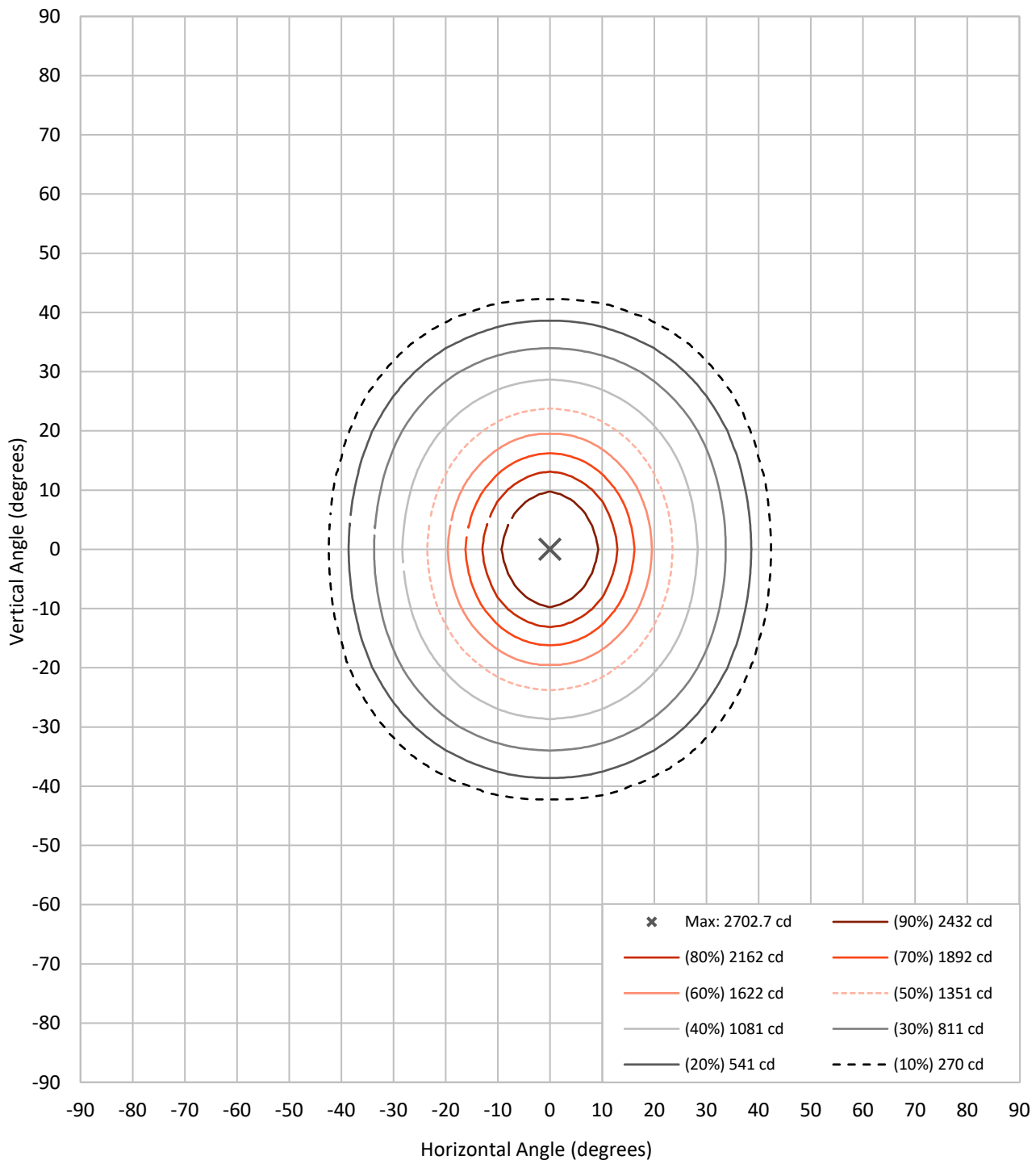
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2103.9 lumens	Max Intensity:	2702.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	992.8 lumens	Field Lumens:	1910.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 18
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: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





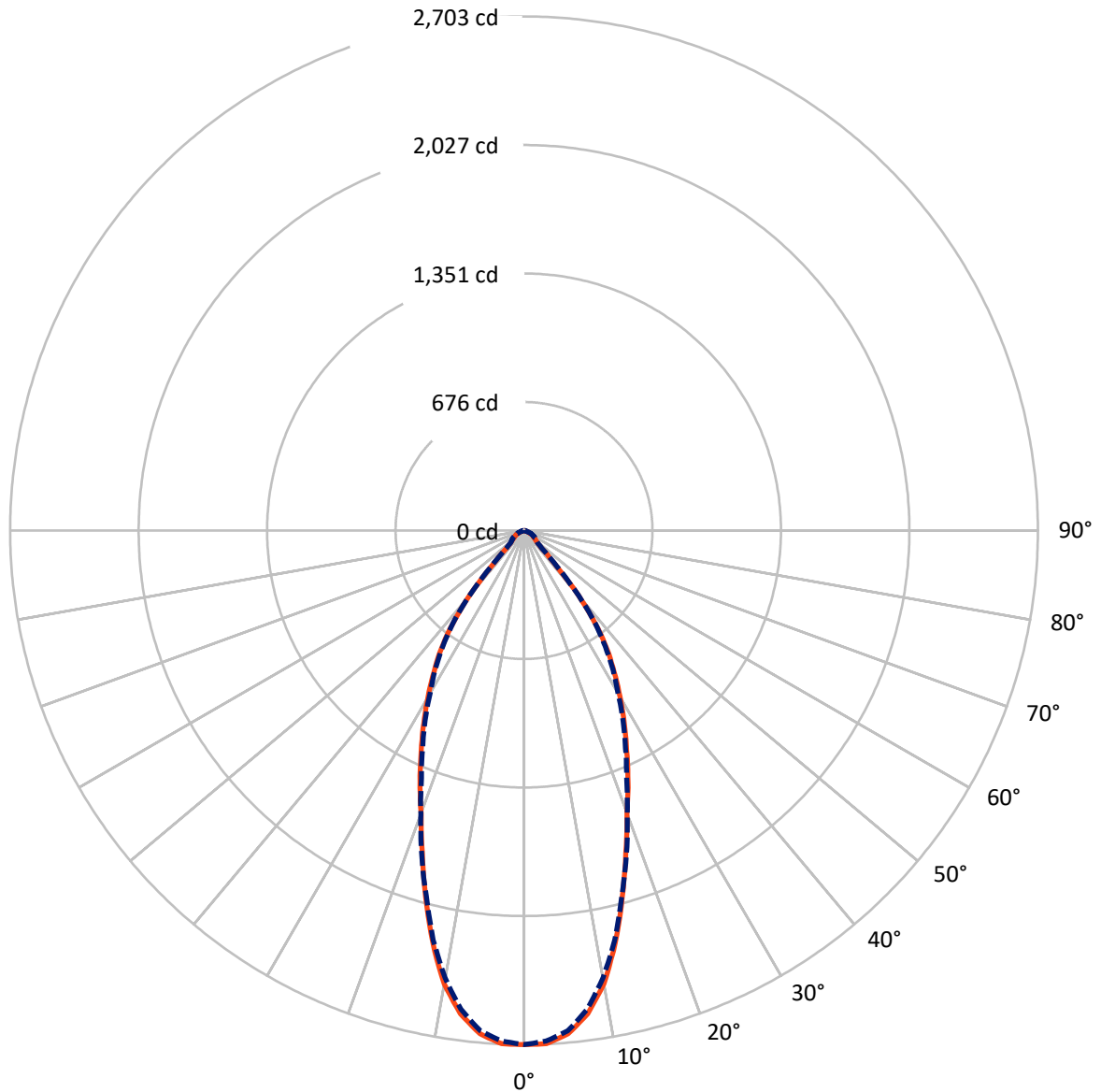
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Lumen Table

90																			
80	0.0	0.3		0.6		0.9		0.7		0.9		0.6		0.3		0.0			
70																			
60	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1			
50		0.3	0.5	0.8	1.2	1.5	1.7	1.9	1.9	1.7	1.5	1.2	0.8	0.5	0.3				
40	0.2	0.3	0.7	1.2	1.7	2.4	3.7	5.2	5.2	3.7	2.4	1.7	1.2	0.7	0.3	0.2			
30		0.4	0.9	1.5	2.8	8.9	17.3	22.0	22.0	17.3	8.9	2.8	1.5	0.9	0.4				
20	0.2	0.5	1.0	1.8	8.1	21.2	31.3	37.8	37.8	31.3	21.2	8.1	1.8	1.0	0.5	0.2			
10		0.5	1.1	2.8	14.7	29.2	44.4	57.8	57.8	44.4	29.2	14.7	2.8	1.1	0.5				
0	0.3	0.6	1.2	3.9	18.0	34.1	55.9	75.6	75.6	55.9	34.1	18.0	3.9	1.2	0.6	0.3			
-10		0.6	1.2	3.9	18.0	34.1	55.9	75.6	75.6	55.9	34.1	18.0	3.9	1.2	0.6				
-20	0.2	0.5	1.1	2.8	14.7	29.2	44.4	57.8	57.8	44.4	29.2	14.7	2.8	1.1	0.5	0.2			
-30		0.5	1.0	1.8	8.1	21.2	31.3	37.8	37.8	31.3	21.2	8.1	1.8	1.0	0.5				
-40	0.2	0.4	0.9	1.5	2.8	8.9	17.3	22.0	22.0	17.3	8.9	2.8	1.5	0.9	0.4	0.2			
-50		0.3	0.7	1.2	1.7	2.4	3.7	5.2	5.2	3.7	2.4	1.7	1.2	0.7	0.3				
-60	0.1	0.3	0.5	0.8	1.2	1.5	1.7	1.9	1.9	1.7	1.5	1.2	0.8	0.5	0.3	0.1			
-70		0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2				
-80																			
-90	0.0	0.3		0.6		0.9		0.7		0.9		0.6		0.3		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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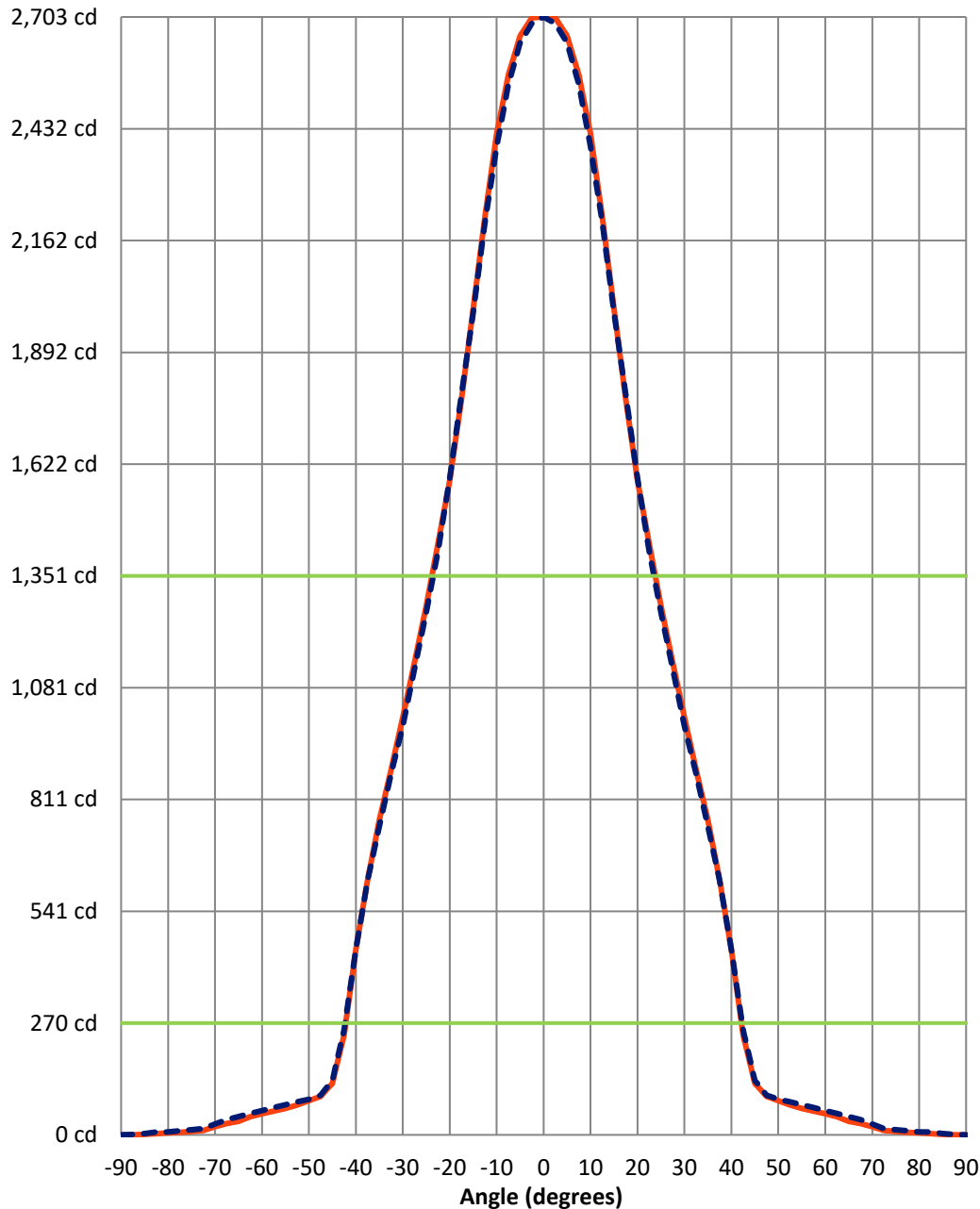
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 992.8
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 1910.4
Efficiency: 90.8%

Spill:
Lumens: 193.6
Efficiency: 9.2%

— 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	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.0
82.5°	0.0	0.1	0.3	0.4	0.6	0.8	1.1	1.2	1.4	1.7	1.9
80°	0.0	0.2	0.3	0.6	0.8	1.1	1.5	2.0	2.4	2.7	2.9
77.5°	0.0	0.2	0.4	0.7	1.0	1.5	2.4	3.0	3.4	3.8	4.1
75°	0.0	0.3	0.5	0.8	1.3	2.2	3.2	4.0	4.5	5.0	5.5
72.5°	0.0	0.3	0.6	1.0	1.8	2.8	4.1	5.0	5.8	6.4	6.9
70°	0.0	0.3	0.7	1.1	2.2	3.5	4.9	6.2	7.1	7.8	8.9
67.5°	0.0	0.4	0.8	1.5	2.7	4.1	5.8	7.4	8.3	9.5	11.0
65°	0.0	0.4	0.8	1.8	3.1	4.7	6.8	8.6	9.7	11.2	13.0
62.5°	0.0	0.5	0.9	2.1	3.5	5.4	7.6	9.7	11.1	12.8	14.8
60°	0.0	0.5	1.0	2.3	3.9	6.1	8.5	10.7	12.3	14.5	16.6
57.5°	0.0	0.5	1.2	2.6	4.4	6.7	9.0	11.6	13.7	16.1	18.2
55°	0.0	0.6	1.3	2.9	4.8	7.3	9.5	12.2	15.1	17.6	19.6
52.5°	0.0	0.6	1.5	3.1	5.2	7.8	9.9	13.1	16.5	18.9	21.0
50°	0.0	0.6	1.7	3.3	5.6	8.0	10.3	13.9	17.8	20.1	22.6
47.5°	0.0	0.7	1.8	3.6	6.0	8.2	10.6	14.6	18.9	21.4	24.2
45°	0.0	0.7	2.0	3.8	6.3	8.4	11.1	15.3	19.4	22.7	25.7
42.5°	0.0	0.7	2.1	4.0	6.6	8.5	11.6	15.7	19.8	24.0	27.2
40°	0.0	0.8	2.2	4.3	6.8	8.5	11.9	16.0	20.2	25.1	28.6
37.5°	0.0	0.8	2.4	4.5	6.8	8.5	12.2	16.2	20.6	25.7	30.0
35°	0.0	0.8	2.5	4.7	6.8	8.6	12.4	16.3	21.0	26.5	31.3
32.5°	0.0	0.8	2.6	5.0	6.8	8.7	12.5	16.3	21.3	27.4	32.6
30°	0.0	0.9	2.7	5.2	6.7	8.8	12.5	16.3	21.5	28.6	33.8
27.5°	0.0	0.9	2.8	5.4	6.8	8.8	12.4	16.4	21.9	29.9	34.9
25°	0.0	0.9	2.9	5.6	6.8	8.8	12.2	16.5	22.8	31.0	36.1
22.5°	0.0	0.9	2.9	5.8	6.9	8.8	12.1	16.5	23.7	31.9	37.5
20°	0.0	0.9	3.0	6.0	7.0	9.0	11.8	16.4	24.6	32.7	38.8
17.5°	0.0	1.0	3.1	6.2	7.0	9.2	11.8	16.2	25.5	33.5	40.0
15°	0.0	1.0	3.1	6.3	7.0	9.4	12.0	16.2	26.4	34.2	41.0
12.5°	0.0	1.0	3.1	6.5	7.1	9.6	12.1	16.2	27.0	34.8	41.9
10°	0.0	1.0	3.2	6.6	7.1	9.7	12.3	16.2	27.3	35.4	42.6
7.5°	0.0	1.0	3.2	6.7	7.1	9.8	12.3	16.0	27.3	35.9	43.2
5°	0.0	1.0	3.2	6.8	7.1	9.8	12.4	15.8	27.1	36.3	43.7
2.5°	0.0	1.0	3.2	6.9	7.1	9.9	12.4	15.5	26.8	36.7	44.0
0°	0.0	1.0	3.2	6.9	7.1	9.9	12.4	15.5	26.8	36.7	44.0
-2.5°	0.0	1.0	3.2	6.9	7.1	9.9	12.4	15.5	26.8	36.7	44.0
-5°	0.0	1.0	3.2	6.8	7.1	9.8	12.4	15.8	27.1	36.3	43.7
-7.5°	0.0	1.0	3.2	6.7	7.1	9.8	12.3	16.0	27.3	35.9	43.2
-10°	0.0	1.0	3.2	6.6	7.1	9.7	12.3	16.2	27.3	35.4	42.6
-12.5°	0.0	1.0	3.1	6.5	7.1	9.6	12.1	16.2	27.0	34.8	41.9
-15°	0.0	1.0	3.1	6.3	7.0	9.4	12.0	16.2	26.4	34.2	41.0
-17.5°	0.0	1.0	3.1	6.2	7.0	9.2	11.8	16.2	25.5	33.5	40.0
-20°	0.0	0.9	3.0	6.0	7.0	9.0	11.8	16.4	24.6	32.7	38.8



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 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	2.9	5.8	6.9	8.8	12.1	16.5	23.7	31.9	37.5
-25°	0.0	0.9	2.9	5.6	6.8	8.8	12.2	16.5	22.8	31.0	36.1
-27.5°	0.0	0.9	2.8	5.4	6.8	8.8	12.4	16.4	21.9	29.9	34.9
-30°	0.0	0.9	2.7	5.2	6.7	8.8	12.5	16.3	21.5	28.6	33.8
-32.5°	0.0	0.8	2.6	5.0	6.8	8.7	12.5	16.3	21.3	27.4	32.6
-35°	0.0	0.8	2.5	4.7	6.8	8.6	12.4	16.3	21.0	26.5	31.3
-37.5°	0.0	0.8	2.4	4.5	6.8	8.5	12.2	16.2	20.6	25.7	30.0
-40°	0.0	0.8	2.2	4.3	6.8	8.5	11.9	16.0	20.2	25.1	28.6
-42.5°	0.0	0.7	2.1	4.0	6.6	8.5	11.6	15.7	19.8	24.0	27.2
-45°	0.0	0.7	2.0	3.8	6.3	8.4	11.1	15.3	19.4	22.7	25.7
-47.5°	0.0	0.7	1.8	3.6	6.0	8.2	10.6	14.6	18.9	21.4	24.2
-50°	0.0	0.6	1.7	3.3	5.6	8.0	10.3	13.9	17.8	20.1	22.6
-52.5°	0.0	0.6	1.5	3.1	5.2	7.8	9.9	13.1	16.5	18.9	21.0
-55°	0.0	0.6	1.3	2.9	4.8	7.3	9.5	12.2	15.1	17.6	19.6
-57.5°	0.0	0.5	1.2	2.6	4.4	6.7	9.0	11.6	13.7	16.1	18.2
-60°	0.0	0.5	1.0	2.3	3.9	6.1	8.5	10.7	12.3	14.5	16.6
-62.5°	0.0	0.5	0.9	2.1	3.5	5.4	7.6	9.7	11.1	12.8	14.8
-65°	0.0	0.4	0.8	1.8	3.1	4.7	6.8	8.6	9.7	11.2	13.0
-67.5°	0.0	0.4	0.8	1.5	2.7	4.1	5.8	7.4	8.3	9.5	11.0
-70°	0.0	0.3	0.7	1.1	2.2	3.5	4.9	6.2	7.1	7.8	8.9
-72.5°	0.0	0.3	0.6	1.0	1.8	2.8	4.1	5.0	5.8	6.4	6.9
-75°	0.0	0.3	0.5	0.8	1.3	2.2	3.2	4.0	4.5	5.0	5.5
-77.5°	0.0	0.2	0.4	0.7	1.0	1.5	2.4	3.0	3.4	3.8	4.1
-80°	0.0	0.2	0.3	0.6	0.8	1.1	1.5	2.0	2.4	2.7	2.9
-82.5°	0.0	0.1	0.3	0.4	0.6	0.8	1.1	1.2	1.4	1.7	1.9
-85°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.0
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5
-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-SA1A-935-U-MWR-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°	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
85°	1.0	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.4	1.6
82.5°	2.1	2.2	2.4	2.5	2.5	2.5	2.4	2.3	2.7	3.1	3.6
80°	3.2	3.5	3.8	4.2	4.3	4.3	4.2	4.0	4.5	5.2	6.0
77.5°	4.6	5.1	5.6	6.2	6.4	6.2	6.0	5.6	6.2	7.3	8.6
75°	6.0	6.7	7.6	8.3	8.4	8.2	7.8	7.4	8.2	9.6	11.0
72.5°	7.9	9.0	9.9	10.5	10.5	10.3	10.1	9.9	10.7	12.5	13.9
70°	10.2	11.4	12.0	12.4	12.5	12.6	13.2	13.7	14.6	16.1	17.2
67.5°	12.6	13.5	14.1	14.5	15.4	16.2	17.0	17.8	18.8	20.0	20.9
65°	14.6	15.6	16.4	17.4	18.7	19.7	20.8	21.9	23.2	24.4	25.2
62.5°	16.7	17.7	18.8	20.2	21.7	23.0	24.6	26.2	27.8	29.1	30.6
60°	18.4	19.7	21.2	22.9	24.7	26.7	28.6	30.5	32.2	33.9	35.9
57.5°	20.0	21.8	23.7	25.6	28.0	30.5	32.7	34.7	36.9	39.3	41.3
55°	21.7	24.0	26.1	28.5	31.3	34.3	36.7	39.0	41.6	44.5	46.8
52.5°	23.5	26.0	28.5	31.4	34.8	37.8	40.3	43.2	46.4	49.5	52.1
50°	25.3	28.0	30.9	34.6	38.0	40.8	44.0	47.4	50.7	54.0	57.1
47.5°	27.1	30.0	33.8	37.6	40.8	44.1	47.8	51.3	54.8	58.2	61.4
45°	28.8	32.3	36.6	40.2	43.6	47.5	51.3	55.0	58.7	62.3	65.8
42.5°	30.4	34.5	38.9	42.6	46.6	50.7	54.6	58.6	62.4	66.3	70.0
40°	32.3	36.6	41.1	45.3	49.4	53.6	57.8	62.0	66.1	70.1	74.1
37.5°	34.0	38.7	43.5	47.8	52.1	56.5	60.8	65.2	69.6	73.8	78.3
35°	35.5	40.9	45.7	50.2	54.7	59.1	63.8	68.4	73.0	77.5	83.3
32.5°	37.2	43.1	47.7	52.5	57.2	61.8	66.6	71.5	76.3	81.6	90.0
30°	39.1	44.9	49.7	54.7	59.5	64.3	69.3	74.4	79.4	87.8	107.0
27.5°	41.0	46.5	51.6	56.8	61.7	66.7	71.9	77.1	84.2	97.0	128.3
25°	42.7	48.1	53.4	58.6	63.7	68.9	74.3	79.7	89.3	115.2	184.2
22.5°	44.2	49.7	55.2	60.3	65.5	70.9	76.5	83.7	98.6	133.6	246.5
20°	45.4	51.2	56.8	62.1	67.2	72.7	78.4	87.5	112.7	186.0	321.1
17.5°	46.6	52.5	58.2	63.8	69.2	74.5	80.4	90.8	125.4	231.5	396.1
15°	47.6	53.7	59.6	65.4	71.0	76.5	83.6	100.2	151.0	276.7	462.9
12.5°	48.6	54.7	60.8	66.9	72.6	78.3	86.5	109.5	182.4	329.8	508.5
10°	49.4	55.6	62.0	68.2	74.0	79.9	88.9	117.2	208.1	373.4	545.1
7.5°	50.2	56.5	63.0	69.4	75.2	81.2	90.8	123.1	228.1	406.2	574.4
5°	50.9	57.3	64.2	70.7	76.7	82.7	92.5	127.4	242.0	428.4	595.7
2.5°	51.4	58.1	65.2	71.9	78.4	84.5	94.5	130.6	251.0	442.5	609.3
0°	51.7	58.6	66.1	72.8	79.9	86.0	96.0	132.1	254.4	447.6	614.4
-2.5°	51.4	58.1	65.2	71.9	78.4	84.5	94.5	130.6	251.0	442.5	609.3
-5°	50.9	57.3	64.2	70.7	76.7	82.7	92.5	127.4	242.0	428.4	595.7
-7.5°	50.2	56.5	63.0	69.4	75.2	81.2	90.8	123.1	228.1	406.2	574.4
-10°	49.4	55.6	62.0	68.2	74.0	79.9	88.9	117.2	208.1	373.4	545.1
-12.5°	48.6	54.7	60.8	66.9	72.6	78.3	86.5	109.5	182.4	329.8	508.5
-15°	47.6	53.7	59.6	65.4	71.0	76.5	83.6	100.2	151.0	276.7	462.9
-17.5°	46.6	52.5	58.2	63.8	69.2	74.5	80.4	90.8	125.4	231.5	396.1
-20°	45.4	51.2	56.8	62.1	67.2	72.7	78.4	87.5	112.7	186.0	321.1



REPORT NUMBER: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	44.2	49.7	55.2	60.3	65.5	70.9	76.5	83.7	98.6	133.6	246.5
-25°	42.7	48.1	53.4	58.6	63.7	68.9	74.3	79.7	89.3	115.2	184.2
-27.5°	41.0	46.5	51.6	56.8	61.7	66.7	71.9	77.1	84.2	97.0	128.3
-30°	39.1	44.9	49.7	54.7	59.5	64.3	69.3	74.4	79.4	87.8	107.0
-32.5°	37.2	43.1	47.7	52.5	57.2	61.8	66.6	71.5	76.3	81.6	90.0
-35°	35.5	40.9	45.7	50.2	54.7	59.1	63.8	68.4	73.0	77.5	83.3
-37.5°	34.0	38.7	43.5	47.8	52.1	56.5	60.8	65.2	69.6	73.8	78.3
-40°	32.3	36.6	41.1	45.3	49.4	53.6	57.8	62.0	66.1	70.1	74.1
-42.5°	30.4	34.5	38.9	42.6	46.6	50.7	54.6	58.6	62.4	66.3	70.0
-45°	28.8	32.3	36.6	40.2	43.6	47.5	51.3	55.0	58.7	62.3	65.8
-47.5°	27.1	30.0	33.8	37.6	40.8	44.1	47.8	51.3	54.8	58.2	61.4
-50°	25.3	28.0	30.9	34.6	38.0	40.8	44.0	47.4	50.7	54.0	57.1
-52.5°	23.5	26.0	28.5	31.4	34.8	37.8	40.3	43.2	46.4	49.5	52.1
-55°	21.7	24.0	26.1	28.5	31.3	34.3	36.7	39.0	41.6	44.5	46.8
-57.5°	20.0	21.8	23.7	25.6	28.0	30.5	32.7	34.7	36.9	39.3	41.3
-60°	18.4	19.7	21.2	22.9	24.7	26.7	28.6	30.5	32.2	33.9	35.9
-62.5°	16.7	17.7	18.8	20.2	21.7	23.0	24.6	26.2	27.8	29.1	30.6
-65°	14.6	15.6	16.4	17.4	18.7	19.7	20.8	21.9	23.2	24.4	25.2
-67.5°	12.6	13.5	14.1	14.5	15.4	16.2	17.0	17.8	18.8	20.0	20.9
-70°	10.2	11.4	12.0	12.4	12.5	12.6	13.2	13.7	14.6	16.1	17.2
-72.5°	7.9	9.0	9.9	10.5	10.5	10.3	10.1	9.9	10.7	12.5	13.9
-75°	6.0	6.7	7.6	8.3	8.4	8.2	7.8	7.4	8.2	9.6	11.0
-77.5°	4.6	5.1	5.6	6.2	6.4	6.2	6.0	5.6	6.2	7.3	8.6
-80°	3.2	3.5	3.8	4.2	4.3	4.3	4.2	4.0	4.5	5.2	6.0
-82.5°	2.1	2.2	2.4	2.5	2.5	2.5	2.4	2.3	2.7	3.1	3.6
-85°	1.0	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.4	1.6
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
-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: P558477 (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°
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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
85°	1.8	1.7	1.7	1.5	1.4	1.5	1.5	1.6	1.7	1.6	1.5
82.5°	4.1	4.1	4.1	4.1	4.1	4.3	4.5	4.6	4.8	4.4	4.0
80°	6.9	7.2	7.4	7.6	7.7	7.7	7.6	7.5	7.2	6.6	5.9
77.5°	9.9	10.5	10.7	11.0	11.3	11.4	11.4	11.5	11.6	10.5	9.1
75°	12.4	13.1	13.6	14.0	14.4	14.6	14.7	14.8	14.8	13.5	11.9
72.5°	15.1	15.8	16.3	16.9	17.3	17.7	17.9	18.0	18.1	17.0	15.4
70°	18.1	18.7	19.3	20.0	20.5	20.9	21.2	21.4	21.6	21.4	21.4
67.5°	21.6	22.1	22.9	23.5	24.1	24.6	25.0	25.4	25.7	26.0	26.3
65°	26.0	27.3	28.4	29.0	29.1	29.7	30.8	31.4	31.8	32.0	32.4
62.5°	32.3	33.8	34.6	35.6	36.8	37.9	38.4	39.0	39.7	40.6	41.6
60°	37.6	38.8	40.1	41.4	42.6	43.5	44.6	45.6	46.6	47.4	48.3
57.5°	43.0	44.3	45.6	47.2	48.3	49.0	50.0	51.2	52.2	52.9	54.1
55°	48.6	50.3	52.2	53.6	54.6	55.3	56.0	57.3	58.0	58.3	59.6
52.5°	54.2	56.3	58.6	60.2	61.3	62.3	63.2	64.3	65.0	65.4	66.7
50°	59.5	62.0	64.4	66.6	68.1	69.7	71.6	72.6	73.2	73.9	75.3
47.5°	64.4	67.2	69.9	72.3	74.4	76.3	77.9	79.5	81.9	83.8	85.6
45°	69.2	72.2	75.1	77.8	80.2	83.9	87.4	90.5	98.6	105.4	110.5
42.5°	73.7	77.3	80.6	85.1	90.1	98.7	112.1	124.4	148.3	179.0	204.7
40°	78.4	83.1	88.8	97.7	114.6	132.0	183.7	229.8	275.2	326.9	371.1
37.5°	83.9	90.9	107.8	128.0	182.0	241.7	315.1	387.2	449.9	503.6	548.4
35°	91.1	112.9	144.6	217.9	297.7	395.7	480.2	548.0	609.9	659.7	697.1
32.5°	112.5	152.3	236.0	336.9	446.6	541.3	623.7	688.5	745.0	789.6	824.3
30°	143.8	235.4	349.1	469.8	579.2	669.6	745.7	807.5	858.0	903.3	941.4
27.5°	218.2	336.1	469.7	592.8	692.3	776.9	845.2	906.5	962.1	1009.9	1054.9
25°	299.6	445.6	580.3	692.4	785.2	864.6	936.6	1003.6	1065.9	1121.8	1174.2
22.5°	397.3	542.9	671.7	775.5	865.4	946.9	1023.5	1098.0	1170.5	1238.7	1302.0
20°	485.9	628.8	741.1	844.7	938.1	1023.1	1107.4	1194.3	1278.0	1360.1	1436.4
17.5°	554.9	687.8	800.5	905.5	1000.7	1096.9	1193.3	1293.1	1394.1	1489.5	1580.7
15°	612.5	737.0	851.2	956.3	1060.8	1167.0	1274.8	1392.4	1512.4	1626.6	1742.9
12.5°	653.3	778.1	893.9	999.3	1116.5	1231.8	1357.2	1491.3	1629.9	1762.9	1905.8
10°	686.1	810.8	925.7	1039.3	1163.4	1291.2	1431.9	1579.5	1744.9	1902.5	2056.4
7.5°	714.3	838.2	951.3	1072.0	1202.4	1342.9	1495.9	1662.8	1841.8	2017.1	2200.3
5°	734.9	856.8	971.1	1098.8	1232.4	1380.6	1545.3	1723.6	1915.6	2107.6	2288.8
2.5°	745.8	867.4	983.5	1115.4	1250.0	1403.5	1575.0	1764.0	1966.7	2176.3	2355.0
0°	745.5	871.9	988.2	1126.5	1262.9	1410.4	1587.8	1789.9	1987.7	2205.4	2388.8
-2.5°	745.8	867.4	983.5	1115.4	1250.0	1403.5	1575.0	1764.0	1966.7	2176.3	2355.0
-5°	734.9	856.8	971.1	1098.8	1232.4	1380.6	1545.3	1723.6	1915.6	2107.6	2288.8
-7.5°	714.3	838.2	951.3	1072.0	1202.4	1342.9	1495.9	1662.8	1841.8	2017.1	2200.3
-10°	686.1	810.8	925.7	1039.3	1163.4	1291.2	1431.9	1579.5	1744.9	1902.5	2056.4
-12.5°	653.3	778.1	893.9	999.3	1116.5	1231.8	1357.2	1491.3	1629.9	1762.9	1905.8
-15°	612.5	737.0	851.2	956.3	1060.8	1167.0	1274.8	1392.4	1512.4	1626.6	1742.9
-17.5°	554.9	687.8	800.5	905.5	1000.7	1096.9	1193.3	1293.1	1394.1	1489.5	1580.7
-20°	485.9	628.8	741.1	844.7	938.1	1023.1	1107.4	1194.3	1278.0	1360.1	1436.4



REPORT NUMBER: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	397.3	542.9	671.7	775.5	865.4	946.9	1023.5	1098.0	1170.5	1238.7	1302.0
-25°	299.6	445.6	580.3	692.4	785.2	864.6	936.6	1003.6	1065.9	1121.8	1174.2
-27.5°	218.2	336.1	469.7	592.8	692.3	776.9	845.2	906.5	962.1	1009.9	1054.9
-30°	143.8	235.4	349.1	469.8	579.2	669.6	745.7	807.5	858.0	903.3	941.4
-32.5°	112.5	152.3	236.0	336.9	446.6	541.3	623.7	688.5	745.0	789.6	824.3
-35°	91.1	112.9	144.6	217.9	297.7	395.7	480.2	548.0	609.9	659.7	697.1
-37.5°	83.9	90.9	107.8	128.0	182.0	241.7	315.1	387.2	449.9	503.6	548.4
-40°	78.4	83.1	88.8	97.7	114.6	132.0	183.7	229.8	275.2	326.9	371.1
-42.5°	73.7	77.3	80.6	85.1	90.1	98.7	112.1	124.4	148.3	179.0	204.7
-45°	69.2	72.2	75.1	77.8	80.2	83.9	87.4	90.5	98.6	105.4	110.5
-47.5°	64.4	67.2	69.9	72.3	74.4	76.3	77.9	79.5	81.9	83.8	85.6
-50°	59.5	62.0	64.4	66.6	68.1	69.7	71.6	72.6	73.2	73.9	75.3
-52.5°	54.2	56.3	58.6	60.2	61.3	62.3	63.2	64.3	65.0	65.4	66.7
-55°	48.6	50.3	52.2	53.6	54.6	55.3	56.0	57.3	58.0	58.3	59.6
-57.5°	43.0	44.3	45.6	47.2	48.3	49.0	50.0	51.2	52.2	52.9	54.1
-60°	37.6	38.8	40.1	41.4	42.6	43.5	44.6	45.6	46.6	47.4	48.3
-62.5°	32.3	33.8	34.6	35.6	36.8	37.9	38.4	39.0	39.7	40.6	41.6
-65°	26.0	27.3	28.4	29.0	29.1	29.7	30.8	31.4	31.8	32.0	32.4
-67.5°	21.6	22.1	22.9	23.5	24.1	24.6	25.0	25.4	25.7	26.0	26.3
-70°	18.1	18.7	19.3	20.0	20.5	20.9	21.2	21.4	21.6	21.4	21.4
-72.5°	15.1	15.8	16.3	16.9	17.3	17.7	17.9	18.0	18.1	17.0	15.4
-75°	12.4	13.1	13.6	14.0	14.4	14.6	14.7	14.8	14.8	13.5	11.9
-77.5°	9.9	10.5	10.7	11.0	11.3	11.4	11.4	11.5	11.6	10.5	9.1
-80°	6.9	7.2	7.4	7.6	7.7	7.7	7.6	7.5	7.2	6.6	5.9
-82.5°	4.1	4.1	4.1	4.1	4.1	4.3	4.5	4.6	4.8	4.4	4.0
-85°	1.8	1.7	1.7	1.5	1.4	1.5	1.5	1.6	1.7	1.6	1.5
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-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: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4
85°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7	1.6
82.5°	3.5	3.0	3.0	3.0	3.0	3.0	3.5	4.0	4.4	4.8	4.6
80°	5.2	4.5	4.6	4.7	4.6	4.5	5.2	5.9	6.6	7.2	7.5
77.5°	7.7	6.1	6.1	6.1	6.1	6.1	7.7	9.1	10.5	11.6	11.5
75°	10.1	8.4	8.3	8.3	8.3	8.4	10.1	11.9	13.5	14.8	14.8
72.5°	13.7	12.1	11.3	10.6	11.3	12.1	13.7	15.4	17.0	18.1	18.0
70°	21.4	21.4	20.7	19.7	20.7	21.4	21.4	21.4	21.4	21.6	21.4
67.5°	26.6	26.8	27.1	27.4	27.1	26.8	26.6	26.3	26.0	25.7	25.4
65°	32.5	32.5	32.6	32.7	32.6	32.5	32.5	32.4	32.0	31.8	31.4
62.5°	42.4	43.1	43.6	43.8	43.6	43.1	42.4	41.6	40.6	39.7	39.0
60°	49.0	49.5	50.3	51.1	50.3	49.5	49.0	48.3	47.4	46.6	45.6
57.5°	55.1	56.1	56.8	57.4	56.8	56.1	55.1	54.1	52.9	52.2	51.2
55°	60.8	61.9	63.0	63.9	63.0	61.9	60.8	59.6	58.3	58.0	57.3
52.5°	67.9	68.8	70.3	72.2	70.3	68.8	67.9	66.7	65.4	65.0	64.3
50°	77.0	78.3	80.3	82.6	80.3	78.3	77.0	75.3	73.9	73.2	72.6
47.5°	87.5	88.9	90.7	93.1	90.7	88.9	87.5	85.6	83.8	81.9	79.5
45°	115.3	118.5	121.5	124.8	121.5	118.5	115.3	110.5	105.4	98.6	90.5
42.5°	225.3	239.5	245.7	242.1	245.7	239.5	225.3	204.7	179.0	148.3	124.4
40°	404.8	428.4	442.4	447.2	442.4	428.4	404.8	371.1	326.9	275.2	229.8
37.5°	581.1	602.9	614.6	616.0	614.6	602.9	581.1	548.4	503.6	449.9	387.2
35°	724.1	742.1	752.7	760.7	752.7	742.1	724.1	697.1	659.7	609.9	548.0
32.5°	852.6	873.1	884.9	882.2	884.9	873.1	852.6	824.3	789.6	745.0	688.5
30°	972.6	995.0	1008.8	1009.3	1008.8	995.0	972.6	941.4	903.3	858.0	807.5
27.5°	1091.3	1116.4	1130.8	1142.2	1130.8	1116.4	1091.3	1054.9	1009.9	962.1	906.5
25°	1217.8	1249.1	1267.7	1278.9	1267.7	1249.1	1217.8	1174.2	1121.8	1065.9	1003.6
22.5°	1354.3	1393.1	1418.5	1429.1	1418.5	1393.1	1354.3	1302.0	1238.7	1170.5	1098.0
20°	1502.7	1550.8	1583.3	1582.3	1583.3	1550.8	1502.7	1436.4	1360.1	1278.0	1194.3
17.5°	1668.4	1730.3	1772.2	1778.3	1772.2	1730.3	1668.4	1580.7	1489.5	1394.1	1293.1
15°	1845.9	1925.8	1980.0	1996.8	1980.0	1925.8	1845.9	1742.9	1626.6	1512.4	1392.4
12.5°	2027.9	2122.9	2195.2	2219.2	2195.2	2122.9	2027.9	1905.8	1762.9	1629.9	1491.3
10°	2201.3	2306.5	2385.0	2419.7	2385.0	2306.5	2201.3	2056.4	1902.5	1744.9	1579.5
7.5°	2346.2	2453.2	2533.9	2562.5	2533.9	2453.2	2346.2	2200.3	2017.1	1841.8	1662.8
5°	2441.7	2558.5	2621.4	2656.7	2621.4	2558.5	2441.7	2288.8	2107.6	1915.6	1723.6
2.5°	2505.5	2604.5	2668.2	2700.7	2668.2	2604.5	2505.5	2355.0	2176.3	1966.7	1764.0
0°	2539.4	2640.2	2686.9	2702.7	2686.9	2640.2	2539.4	2388.8	2205.4	1987.7	1789.9
-2.5°	2505.5	2604.5	2668.2	2700.7	2668.2	2604.5	2505.5	2355.0	2176.3	1966.7	1764.0
-5°	2441.7	2558.5	2621.4	2656.7	2621.4	2558.5	2441.7	2288.8	2107.6	1915.6	1723.6
-7.5°	2346.2	2453.2	2533.9	2562.5	2533.9	2453.2	2346.2	2200.3	2017.1	1841.8	1662.8
-10°	2201.3	2306.5	2385.0	2419.7	2385.0	2306.5	2201.3	2056.4	1902.5	1744.9	1579.5
-12.5°	2027.9	2122.9	2195.2	2219.2	2195.2	2122.9	2027.9	1905.8	1762.9	1629.9	1491.3
-15°	1845.9	1925.8	1980.0	1996.8	1980.0	1925.8	1845.9	1742.9	1626.6	1512.4	1392.4
-17.5°	1668.4	1730.3	1772.2	1778.3	1772.2	1730.3	1668.4	1580.7	1489.5	1394.1	1293.1
-20°	1502.7	1550.8	1583.3	1582.3	1583.3	1550.8	1502.7	1436.4	1360.1	1278.0	1194.3



REPORT NUMBER: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1354.3	1393.1	1418.5	1429.1	1418.5	1393.1	1354.3	1302.0	1238.7	1170.5	1098.0
-25°	1217.8	1249.1	1267.7	1278.9	1267.7	1249.1	1217.8	1174.2	1121.8	1065.9	1003.6
-27.5°	1091.3	1116.4	1130.8	1142.2	1130.8	1116.4	1091.3	1054.9	1009.9	962.1	906.5
-30°	972.6	995.0	1008.8	1009.3	1008.8	995.0	972.6	941.4	903.3	858.0	807.5
-32.5°	852.6	873.1	884.9	882.2	884.9	873.1	852.6	824.3	789.6	745.0	688.5
-35°	724.1	742.1	752.7	760.7	752.7	742.1	724.1	697.1	659.7	609.9	548.0
-37.5°	581.1	602.9	614.6	616.0	614.6	602.9	581.1	548.4	503.6	449.9	387.2
-40°	404.8	428.4	442.4	447.2	442.4	428.4	404.8	371.1	326.9	275.2	229.8
-42.5°	225.3	239.5	245.7	242.1	245.7	239.5	225.3	204.7	179.0	148.3	124.4
-45°	115.3	118.5	121.5	124.8	121.5	118.5	115.3	110.5	105.4	98.6	90.5
-47.5°	87.5	88.9	90.7	93.1	90.7	88.9	87.5	85.6	83.8	81.9	79.5
-50°	77.0	78.3	80.3	82.6	80.3	78.3	77.0	75.3	73.9	73.2	72.6
-52.5°	67.9	68.8	70.3	72.2	70.3	68.8	67.9	66.7	65.4	65.0	64.3
-55°	60.8	61.9	63.0	63.9	63.0	61.9	60.8	59.6	58.3	58.0	57.3
-57.5°	55.1	56.1	56.8	57.4	56.8	56.1	55.1	54.1	52.9	52.2	51.2
-60°	49.0	49.5	50.3	51.1	50.3	49.5	49.0	48.3	47.4	46.6	45.6
-62.5°	42.4	43.1	43.6	43.8	43.6	43.1	42.4	41.6	40.6	39.7	39.0
-65°	32.5	32.5	32.6	32.7	32.6	32.5	32.5	32.4	32.0	31.8	31.4
-67.5°	26.6	26.8	27.1	27.4	27.1	26.8	26.6	26.3	26.0	25.7	25.4
-70°	21.4	21.4	20.7	19.7	20.7	21.4	21.4	21.4	21.4	21.6	21.4
-72.5°	13.7	12.1	11.3	10.6	11.3	12.1	13.7	15.4	17.0	18.1	18.0
-75°	10.1	8.4	8.3	8.3	8.3	8.4	10.1	11.9	13.5	14.8	14.8
-77.5°	7.7	6.1	6.1	6.1	6.1	6.1	7.7	9.1	10.5	11.6	11.5
-80°	5.2	4.5	4.6	4.7	4.6	4.5	5.2	5.9	6.6	7.2	7.5
-82.5°	3.5	3.0	3.0	3.0	3.0	3.0	3.5	4.0	4.4	4.8	4.6
-85°	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7	1.6
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-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: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.5	1.5	1.4	1.5	1.7	1.7	1.8	1.6	1.4	1.2	1.1
82.5°	4.5	4.3	4.1	4.1	4.1	4.1	4.1	3.6	3.1	2.7	2.3
80°	7.6	7.7	7.7	7.6	7.4	7.2	6.9	6.0	5.2	4.5	4.0
77.5°	11.4	11.4	11.3	11.0	10.7	10.5	9.9	8.6	7.3	6.2	5.6
75°	14.7	14.6	14.4	14.0	13.6	13.1	12.4	11.0	9.6	8.2	7.4
72.5°	17.9	17.7	17.3	16.9	16.3	15.8	15.1	13.9	12.5	10.7	9.9
70°	21.2	20.9	20.5	20.0	19.3	18.7	18.1	17.2	16.1	14.6	13.7
67.5°	25.0	24.6	24.1	23.5	22.9	22.1	21.6	20.9	20.0	18.8	17.8
65°	30.8	29.7	29.1	29.0	28.4	27.3	26.0	25.2	24.4	23.2	21.9
62.5°	38.4	37.9	36.8	35.6	34.6	33.8	32.3	30.6	29.1	27.8	26.2
60°	44.6	43.5	42.6	41.4	40.1	38.8	37.6	35.9	33.9	32.2	30.5
57.5°	50.0	49.0	48.3	47.2	45.6	44.3	43.0	41.3	39.3	36.9	34.7
55°	56.0	55.3	54.6	53.6	52.2	50.3	48.6	46.8	44.5	41.6	39.0
52.5°	63.2	62.3	61.3	60.2	58.6	56.3	54.2	52.1	49.5	46.4	43.2
50°	71.6	69.7	68.1	66.6	64.4	62.0	59.5	57.1	54.0	50.7	47.4
47.5°	77.9	76.3	74.4	72.3	69.9	67.2	64.4	61.4	58.2	54.8	51.3
45°	87.4	83.9	80.2	77.8	75.1	72.2	69.2	65.8	62.3	58.7	55.0
42.5°	112.1	98.7	90.1	85.1	80.6	77.3	73.7	70.0	66.3	62.4	58.6
40°	183.7	132.0	114.6	97.7	88.8	83.1	78.4	74.1	70.1	66.1	62.0
37.5°	315.1	241.7	182.0	128.0	107.8	90.9	83.9	78.3	73.8	69.6	65.2
35°	480.2	395.7	297.7	217.9	144.6	112.9	91.1	83.3	77.5	73.0	68.4
32.5°	623.7	541.3	446.6	336.9	236.0	152.3	112.5	90.0	81.6	76.3	71.5
30°	745.7	669.6	579.2	469.8	349.1	235.4	143.8	107.0	87.8	79.4	74.4
27.5°	845.2	776.9	692.3	592.8	469.7	336.1	218.2	128.3	97.0	84.2	77.1
25°	936.6	864.6	785.2	692.4	580.3	445.6	299.6	184.2	115.2	89.3	79.7
22.5°	1023.5	946.9	865.4	775.5	671.7	542.9	397.3	246.5	133.6	98.6	83.7
20°	1107.4	1023.1	938.1	844.7	741.1	628.8	485.9	321.1	186.0	112.7	87.5
17.5°	1193.3	1096.9	1000.7	905.5	800.5	687.8	554.9	396.1	231.5	125.4	90.8
15°	1274.8	1167.0	1060.8	956.3	851.2	737.0	612.5	462.9	276.7	151.0	100.2
12.5°	1357.2	1231.8	1116.5	999.3	893.9	778.1	653.3	508.5	329.8	182.4	109.5
10°	1431.9	1291.2	1163.4	1039.3	925.7	810.8	686.1	545.1	373.4	208.1	117.2
7.5°	1495.9	1342.9	1202.4	1072.0	951.3	838.2	714.3	574.4	406.2	228.1	123.1
5°	1545.3	1380.6	1232.4	1098.8	971.1	856.8	734.9	595.7	428.4	242.0	127.4
2.5°	1575.0	1403.5	1250.0	1115.4	983.5	867.4	745.8	609.3	442.5	251.0	130.6
0°	1587.8	1410.4	1262.9	1126.5	988.2	871.9	745.5	614.4	447.6	254.4	132.1
-2.5°	1575.0	1403.5	1250.0	1115.4	983.5	867.4	745.8	609.3	442.5	251.0	130.6
-5°	1545.3	1380.6	1232.4	1098.8	971.1	856.8	734.9	595.7	428.4	242.0	127.4
-7.5°	1495.9	1342.9	1202.4	1072.0	951.3	838.2	714.3	574.4	406.2	228.1	123.1
-10°	1431.9	1291.2	1163.4	1039.3	925.7	810.8	686.1	545.1	373.4	208.1	117.2
-12.5°	1357.2	1231.8	1116.5	999.3	893.9	778.1	653.3	508.5	329.8	182.4	109.5
-15°	1274.8	1167.0	1060.8	956.3	851.2	737.0	612.5	462.9	276.7	151.0	100.2
-17.5°	1193.3	1096.9	1000.7	905.5	800.5	687.8	554.9	396.1	231.5	125.4	90.8
-20°	1107.4	1023.1	938.1	844.7	741.1	628.8	485.9	321.1	186.0	112.7	87.5



REPORT NUMBER: P558477 (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°	1023.5	946.9	865.4	775.5	671.7	542.9	397.3	246.5	133.6	98.6	83.7
-25°	936.6	864.6	785.2	692.4	580.3	445.6	299.6	184.2	115.2	89.3	79.7
-27.5°	845.2	776.9	692.3	592.8	469.7	336.1	218.2	128.3	97.0	84.2	77.1
-30°	745.7	669.6	579.2	469.8	349.1	235.4	143.8	107.0	87.8	79.4	74.4
-32.5°	623.7	541.3	446.6	336.9	236.0	152.3	112.5	90.0	81.6	76.3	71.5
-35°	480.2	395.7	297.7	217.9	144.6	112.9	91.1	83.3	77.5	73.0	68.4
-37.5°	315.1	241.7	182.0	128.0	107.8	90.9	83.9	78.3	73.8	69.6	65.2
-40°	183.7	132.0	114.6	97.7	88.8	83.1	78.4	74.1	70.1	66.1	62.0
-42.5°	112.1	98.7	90.1	85.1	80.6	77.3	73.7	70.0	66.3	62.4	58.6
-45°	87.4	83.9	80.2	77.8	75.1	72.2	69.2	65.8	62.3	58.7	55.0
-47.5°	77.9	76.3	74.4	72.3	69.9	67.2	64.4	61.4	58.2	54.8	51.3
-50°	71.6	69.7	68.1	66.6	64.4	62.0	59.5	57.1	54.0	50.7	47.4
-52.5°	63.2	62.3	61.3	60.2	58.6	56.3	54.2	52.1	49.5	46.4	43.2
-55°	56.0	55.3	54.6	53.6	52.2	50.3	48.6	46.8	44.5	41.6	39.0
-57.5°	50.0	49.0	48.3	47.2	45.6	44.3	43.0	41.3	39.3	36.9	34.7
-60°	44.6	43.5	42.6	41.4	40.1	38.8	37.6	35.9	33.9	32.2	30.5
-62.5°	38.4	37.9	36.8	35.6	34.6	33.8	32.3	30.6	29.1	27.8	26.2
-65°	30.8	29.7	29.1	29.0	28.4	27.3	26.0	25.2	24.4	23.2	21.9
-67.5°	25.0	24.6	24.1	23.5	22.9	22.1	21.6	20.9	20.0	18.8	17.8
-70°	21.2	20.9	20.5	20.0	19.3	18.7	18.1	17.2	16.1	14.6	13.7
-72.5°	17.9	17.7	17.3	16.9	16.3	15.8	15.1	13.9	12.5	10.7	9.9
-75°	14.7	14.6	14.4	14.0	13.6	13.1	12.4	11.0	9.6	8.2	7.4
-77.5°	11.4	11.4	11.3	11.0	10.7	10.5	9.9	8.6	7.3	6.2	5.6
-80°	7.6	7.7	7.7	7.6	7.4	7.2	6.9	6.0	5.2	4.5	4.0
-82.5°	4.5	4.3	4.1	4.1	4.1	4.1	4.1	3.6	3.1	2.7	2.3
-85°	1.5	1.5	1.4	1.5	1.7	1.7	1.8	1.6	1.4	1.2	1.1
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558477 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-935-U-MWR-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°	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	1.1	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.8
82.5°	2.4	2.5	2.5	2.5	2.4	2.2	2.1	1.9	1.7	1.4	1.2
80°	4.2	4.3	4.3	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.0
77.5°	6.0	6.2	6.4	6.2	5.6	5.1	4.6	4.1	3.8	3.4	3.0
75°	7.8	8.2	8.4	8.3	7.6	6.7	6.0	5.5	5.0	4.5	4.0
72.5°	10.1	10.3	10.5	10.5	9.9	9.0	7.9	6.9	6.4	5.8	5.0
70°	13.2	12.6	12.5	12.4	12.0	11.4	10.2	8.9	7.8	7.1	6.2
67.5°	17.0	16.2	15.4	14.5	14.1	13.5	12.6	11.0	9.5	8.3	7.4
65°	20.8	19.7	18.7	17.4	16.4	15.6	14.6	13.0	11.2	9.7	8.6
62.5°	24.6	23.0	21.7	20.2	18.8	17.7	16.7	14.8	12.8	11.1	9.7
60°	28.6	26.7	24.7	22.9	21.2	19.7	18.4	16.6	14.5	12.3	10.7
57.5°	32.7	30.5	28.0	25.6	23.7	21.8	20.0	18.2	16.1	13.7	11.6
55°	36.7	34.3	31.3	28.5	26.1	24.0	21.7	19.6	17.6	15.1	12.2
52.5°	40.3	37.8	34.8	31.4	28.5	26.0	23.5	21.0	18.9	16.5	13.1
50°	44.0	40.8	38.0	34.6	30.9	28.0	25.3	22.6	20.1	17.8	13.9
47.5°	47.8	44.1	40.8	37.6	33.8	30.0	27.1	24.2	21.4	18.9	14.6
45°	51.3	47.5	43.6	40.2	36.6	32.3	28.8	25.7	22.7	19.4	15.3
42.5°	54.6	50.7	46.6	42.6	38.9	34.5	30.4	27.2	24.0	19.8	15.7
40°	57.8	53.6	49.4	45.3	41.1	36.6	32.3	28.6	25.1	20.2	16.0
37.5°	60.8	56.5	52.1	47.8	43.5	38.7	34.0	30.0	25.7	20.6	16.2
35°	63.8	59.1	54.7	50.2	45.7	40.9	35.5	31.3	26.5	21.0	16.3
32.5°	66.6	61.8	57.2	52.5	47.7	43.1	37.2	32.6	27.4	21.3	16.3
30°	69.3	64.3	59.5	54.7	49.7	44.9	39.1	33.8	28.6	21.5	16.3
27.5°	71.9	66.7	61.7	56.8	51.6	46.5	41.0	34.9	29.9	21.9	16.4
25°	74.3	68.9	63.7	58.6	53.4	48.1	42.7	36.1	31.0	22.8	16.5
22.5°	76.5	70.9	65.5	60.3	55.2	49.7	44.2	37.5	31.9	23.7	16.5
20°	78.4	72.7	67.2	62.1	56.8	51.2	45.4	38.8	32.7	24.6	16.4
17.5°	80.4	74.5	69.2	63.8	58.2	52.5	46.6	40.0	33.5	25.5	16.2
15°	83.6	76.5	71.0	65.4	59.6	53.7	47.6	41.0	34.2	26.4	16.2
12.5°	86.5	78.3	72.6	66.9	60.8	54.7	48.6	41.9	34.8	27.0	16.2
10°	88.9	79.9	74.0	68.2	62.0	55.6	49.4	42.6	35.4	27.3	16.2
7.5°	90.8	81.2	75.2	69.4	63.0	56.5	50.2	43.2	35.9	27.3	16.0
5°	92.5	82.7	76.7	70.7	64.2	57.3	50.9	43.7	36.3	27.1	15.8
2.5°	94.5	84.5	78.4	71.9	65.2	58.1	51.4	44.0	36.7	26.8	15.5
0°	96.0	86.0	79.9	72.8	66.1	58.6	51.7	44.2	36.9	26.2	15.2
-2.5°	94.5	84.5	78.4	71.9	65.2	58.1	51.4	44.0	36.7	26.8	15.5
-5°	92.5	82.7	76.7	70.7	64.2	57.3	50.9	43.7	36.3	27.1	15.8
-7.5°	90.8	81.2	75.2	69.4	63.0	56.5	50.2	43.2	35.9	27.3	16.0
-10°	88.9	79.9	74.0	68.2	62.0	55.6	49.4	42.6	35.4	27.3	16.2
-12.5°	86.5	78.3	72.6	66.9	60.8	54.7	48.6	41.9	34.8	27.0	16.2
-15°	83.6	76.5	71.0	65.4	59.6	53.7	47.6	41.0	34.2	26.4	16.2
-17.5°	80.4	74.5	69.2	63.8	58.2	52.5	46.6	40.0	33.5	25.5	16.2
-20°	78.4	72.7	67.2	62.1	56.8	51.2	45.4	38.8	32.7	24.6	16.4



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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°	76.5	70.9	65.5	60.3	55.2	49.7	44.2	37.5	31.9	23.7	16.5
-25°	74.3	68.9	63.7	58.6	53.4	48.1	42.7	36.1	31.0	22.8	16.5
-27.5°	71.9	66.7	61.7	56.8	51.6	46.5	41.0	34.9	29.9	21.9	16.4
-30°	69.3	64.3	59.5	54.7	49.7	44.9	39.1	33.8	28.6	21.5	16.3
-32.5°	66.6	61.8	57.2	52.5	47.7	43.1	37.2	32.6	27.4	21.3	16.3
-35°	63.8	59.1	54.7	50.2	45.7	40.9	35.5	31.3	26.5	21.0	16.3
-37.5°	60.8	56.5	52.1	47.8	43.5	38.7	34.0	30.0	25.7	20.6	16.2
-40°	57.8	53.6	49.4	45.3	41.1	36.6	32.3	28.6	25.1	20.2	16.0
-42.5°	54.6	50.7	46.6	42.6	38.9	34.5	30.4	27.2	24.0	19.8	15.7
-45°	51.3	47.5	43.6	40.2	36.6	32.3	28.8	25.7	22.7	19.4	15.3
-47.5°	47.8	44.1	40.8	37.6	33.8	30.0	27.1	24.2	21.4	18.9	14.6
-50°	44.0	40.8	38.0	34.6	30.9	28.0	25.3	22.6	20.1	17.8	13.9
-52.5°	40.3	37.8	34.8	31.4	28.5	26.0	23.5	21.0	18.9	16.5	13.1
-55°	36.7	34.3	31.3	28.5	26.1	24.0	21.7	19.6	17.6	15.1	12.2
-57.5°	32.7	30.5	28.0	25.6	23.7	21.8	20.0	18.2	16.1	13.7	11.6
-60°	28.6	26.7	24.7	22.9	21.2	19.7	18.4	16.6	14.5	12.3	10.7
-62.5°	24.6	23.0	21.7	20.2	18.8	17.7	16.7	14.8	12.8	11.1	9.7
-65°	20.8	19.7	18.7	17.4	16.4	15.6	14.6	13.0	11.2	9.7	8.6
-67.5°	17.0	16.2	15.4	14.5	14.1	13.5	12.6	11.0	9.5	8.3	7.4
-70°	13.2	12.6	12.5	12.4	12.0	11.4	10.2	8.9	7.8	7.1	6.2
-72.5°	10.1	10.3	10.5	10.5	9.9	9.0	7.9	6.9	6.4	5.8	5.0
-75°	7.8	8.2	8.4	8.3	7.6	6.7	6.0	5.5	5.0	4.5	4.0
-77.5°	6.0	6.2	6.4	6.2	5.6	5.1	4.6	4.1	3.8	3.4	3.0
-80°	4.2	4.3	4.3	4.2	3.8	3.5	3.2	2.9	2.7	2.4	2.0
-82.5°	2.4	2.5	2.5	2.5	2.4	2.2	2.1	1.9	1.7	1.4	1.2
-85°	1.1	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.8
-87.5°	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-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):

	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°	0.4	0.3	0.2	0.1	0.1	0.0	0.0
85°	0.7	0.6	0.4	0.3	0.2	0.1	0.0
82.5°	1.1	0.8	0.6	0.4	0.3	0.1	0.0
80°	1.5	1.1	0.8	0.6	0.3	0.2	0.0
77.5°	2.4	1.5	1.0	0.7	0.4	0.2	0.0
75°	3.2	2.2	1.3	0.8	0.5	0.3	0.0
72.5°	4.1	2.8	1.8	1.0	0.6	0.3	0.0
70°	4.9	3.5	2.2	1.1	0.7	0.3	0.0
67.5°	5.8	4.1	2.7	1.5	0.8	0.4	0.0
65°	6.8	4.7	3.1	1.8	0.8	0.4	0.0
62.5°	7.6	5.4	3.5	2.1	0.9	0.5	0.0
60°	8.5	6.1	3.9	2.3	1.0	0.5	0.0
57.5°	9.0	6.7	4.4	2.6	1.2	0.5	0.0
55°	9.5	7.3	4.8	2.9	1.3	0.6	0.0
52.5°	9.9	7.8	5.2	3.1	1.5	0.6	0.0
50°	10.3	8.0	5.6	3.3	1.7	0.6	0.0
47.5°	10.6	8.2	6.0	3.6	1.8	0.7	0.0
45°	11.1	8.4	6.3	3.8	2.0	0.7	0.0
42.5°	11.6	8.5	6.6	4.0	2.1	0.7	0.0
40°	11.9	8.5	6.8	4.3	2.2	0.8	0.0
37.5°	12.2	8.5	6.8	4.5	2.4	0.8	0.0
35°	12.4	8.6	6.8	4.7	2.5	0.8	0.0
32.5°	12.5	8.7	6.8	5.0	2.6	0.8	0.0
30°	12.5	8.8	6.7	5.2	2.7	0.9	0.0
27.5°	12.4	8.8	6.8	5.4	2.8	0.9	0.0
25°	12.2	8.8	6.8	5.6	2.9	0.9	0.0
22.5°	12.1	8.8	6.9	5.8	2.9	0.9	0.0
20°	11.8	9.0	7.0	6.0	3.0	0.9	0.0
17.5°	11.8	9.2	7.0	6.2	3.1	1.0	0.0
15°	12.0	9.4	7.0	6.3	3.1	1.0	0.0
12.5°	12.1	9.6	7.1	6.5	3.1	1.0	0.0
10°	12.3	9.7	7.1	6.6	3.2	1.0	0.0
7.5°	12.3	9.8	7.1	6.7	3.2	1.0	0.0
5°	12.4	9.8	7.1	6.8	3.2	1.0	0.0
2.5°	12.4	9.9	7.1	6.9	3.2	1.0	0.0
0°	12.4	9.9	7.1	6.9	3.2	1.0	0.0
-2.5°	12.4	9.9	7.1	6.9	3.2	1.0	0.0
-5°	12.4	9.8	7.1	6.8	3.2	1.0	0.0
-7.5°	12.3	9.8	7.1	6.7	3.2	1.0	0.0
-10°	12.3	9.7	7.1	6.6	3.2	1.0	0.0
-12.5°	12.1	9.6	7.1	6.5	3.1	1.0	0.0
-15°	12.0	9.4	7.0	6.3	3.1	1.0	0.0
-17.5°	11.8	9.2	7.0	6.2	3.1	1.0	0.0
-20°	11.8	9.0	7.0	6.0	3.0	0.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.1	8.8	6.9	5.8	2.9	0.9	0.0
-25°	12.2	8.8	6.8	5.6	2.9	0.9	0.0
-27.5°	12.4	8.8	6.8	5.4	2.8	0.9	0.0
-30°	12.5	8.8	6.7	5.2	2.7	0.9	0.0
-32.5°	12.5	8.7	6.8	5.0	2.6	0.8	0.0
-35°	12.4	8.6	6.8	4.7	2.5	0.8	0.0
-37.5°	12.2	8.5	6.8	4.5	2.4	0.8	0.0
-40°	11.9	8.5	6.8	4.3	2.2	0.8	0.0
-42.5°	11.6	8.5	6.6	4.0	2.1	0.7	0.0
-45°	11.1	8.4	6.3	3.8	2.0	0.7	0.0
-47.5°	10.6	8.2	6.0	3.6	1.8	0.7	0.0
-50°	10.3	8.0	5.6	3.3	1.7	0.6	0.0
-52.5°	9.9	7.8	5.2	3.1	1.5	0.6	0.0
-55°	9.5	7.3	4.8	2.9	1.3	0.6	0.0
-57.5°	9.0	6.7	4.4	2.6	1.2	0.5	0.0
-60°	8.5	6.1	3.9	2.3	1.0	0.5	0.0
-62.5°	7.6	5.4	3.5	2.1	0.9	0.5	0.0
-65°	6.8	4.7	3.1	1.8	0.8	0.4	0.0
-67.5°	5.8	4.1	2.7	1.5	0.8	0.4	0.0
-70°	4.9	3.5	2.2	1.1	0.7	0.3	0.0
-72.5°	4.1	2.8	1.8	1.0	0.6	0.3	0.0
-75°	3.2	2.2	1.3	0.8	0.5	0.3	0.0
-77.5°	2.4	1.5	1.0	0.7	0.4	0.2	0.0
-80°	1.5	1.1	0.8	0.6	0.3	0.2	0.0
-82.5°	1.1	0.8	0.6	0.4	0.3	0.1	0.0
-85°	0.7	0.6	0.4	0.3	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)