

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: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558540 (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-SA1C-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

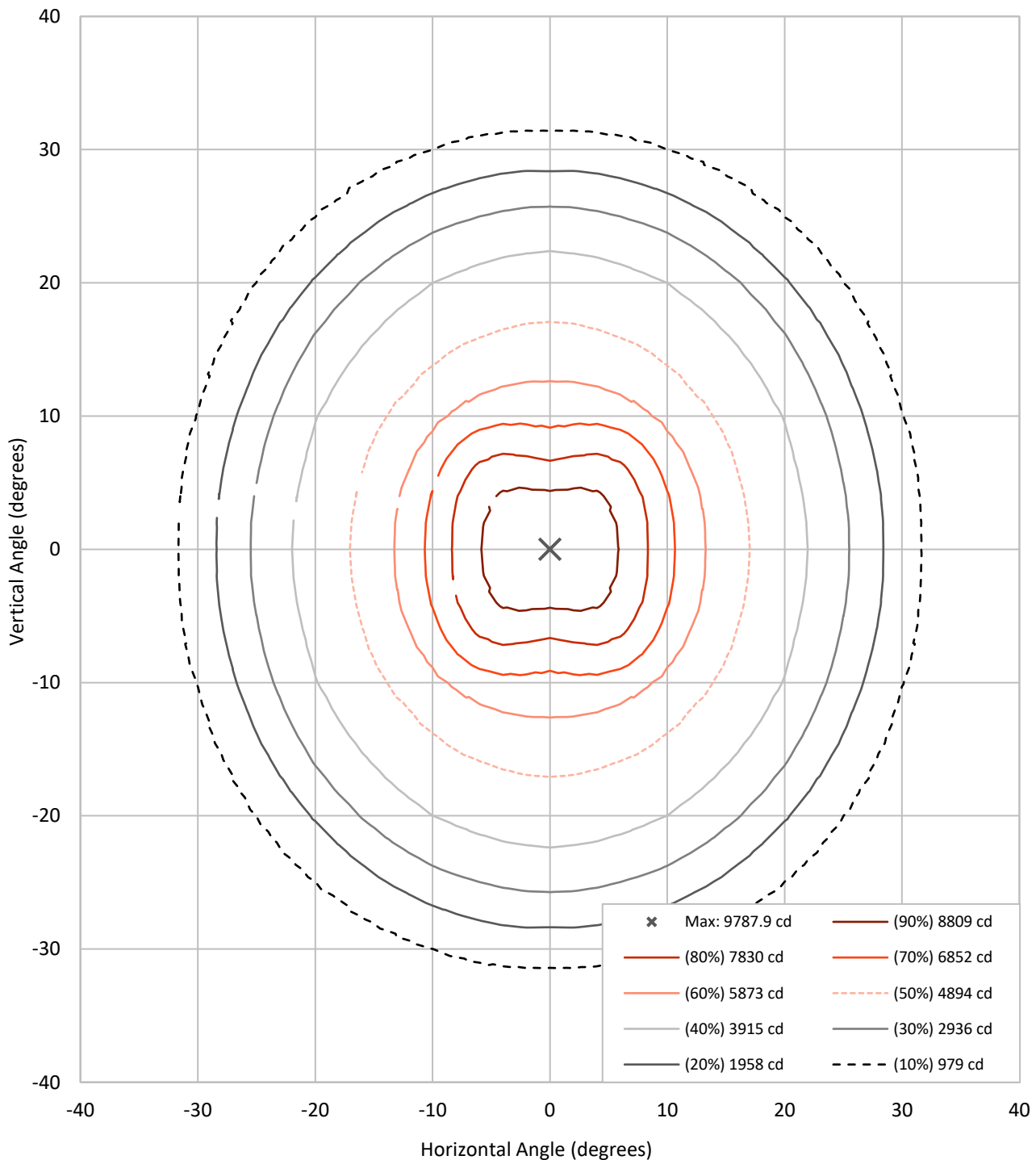
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4329.9 lumens	Max Intensity:	9787.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1844.3 lumens	Field Lumens:	3769.3 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 44
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: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





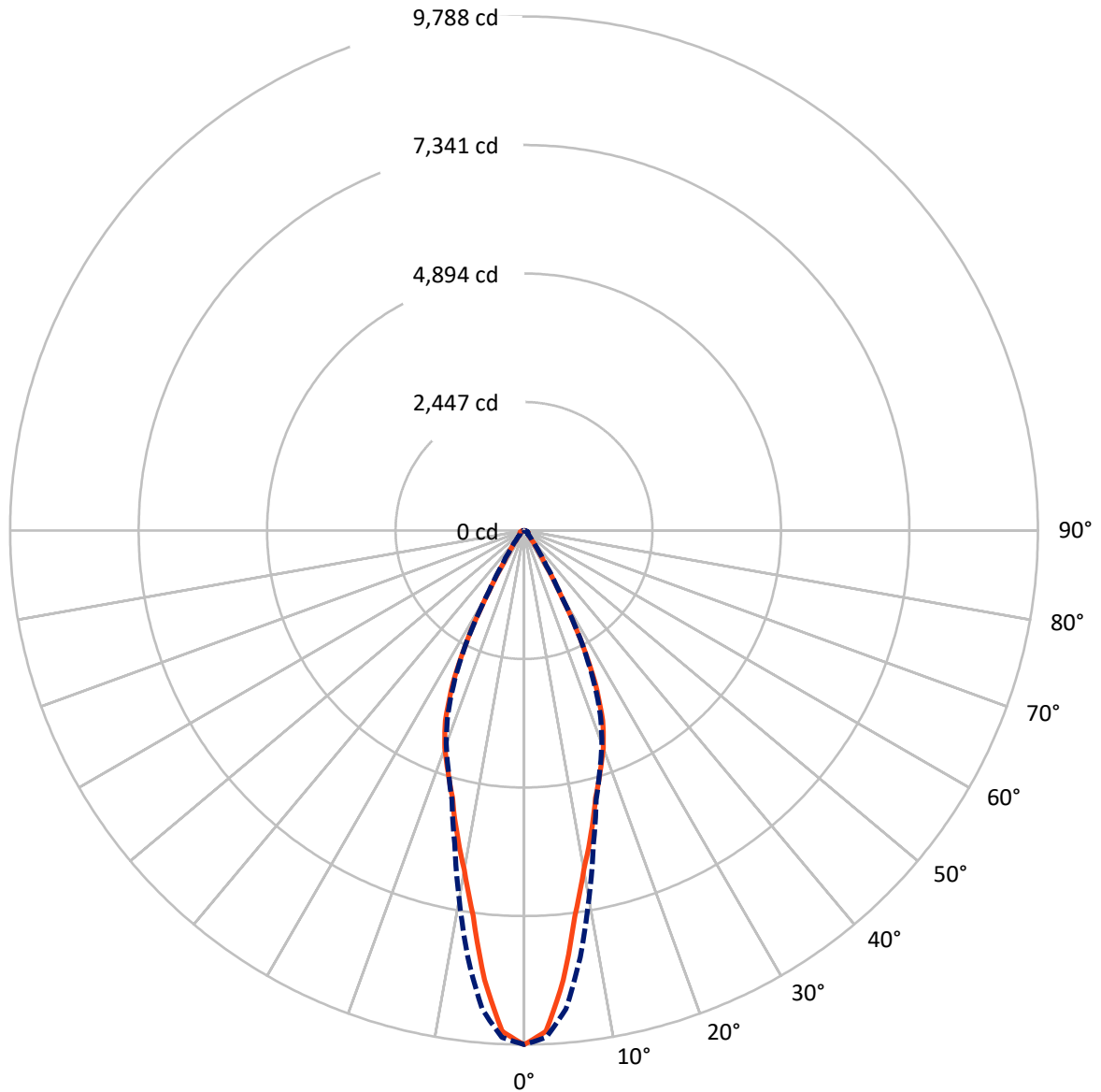
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Lumen Table

90																			
80	0.1	0.5		1.3		2.2		2.6		2.2		1.3		0.5		0.1			
70																			
60	0.2	0.3	0.6	1.0	1.4	1.8	2.1	2.3	2.3	2.1	1.8	1.4	1.0	0.6	0.3	0.2			
50		0.4	0.9	1.5	2.1	2.4	2.5	2.6	2.6	2.5	2.4	2.1	1.5	0.9	0.4				
40	0.4	0.6	1.2	1.8	2.2	2.7	3.4	3.9	3.9	3.4	2.7	2.2	1.8	1.2	0.6	0.4			
30		0.7	1.4	1.9	2.8	5.5	10.5	16.0	16.0	10.5	5.5	2.8	1.9	1.4	0.7				
20	0.6	0.8	1.5	2.1	5.1	16.8	53.0	87.2	87.2	53.0	16.8	5.1	2.1	1.5	0.8	0.6			
10		0.9	1.5	2.6	9.5	49.9	118.0	156.3	156.3	118.0	49.9	9.5	2.6	1.5	0.9				
0	0.6	0.9	1.5	3.0	14.4	78.7	153.5	242.2	242.2	153.5	78.7	14.4	3.0	1.5	0.9	0.6			
-10		0.9	1.5	3.0	14.4	78.7	153.5	242.2	242.2	153.5	78.7	14.4	3.0	1.5	0.9				
-20	0.6	0.9	1.5	2.6	9.5	49.9	118.0	156.3	156.3	118.0	49.9	9.5	2.6	1.5	0.9	0.6			
-30		0.8	1.5	2.1	5.1	16.8	53.0	87.2	87.2	53.0	16.8	5.1	2.1	1.5	0.8				
-40	0.4	0.7	1.4	1.9	2.8	5.5	10.5	16.0	16.0	10.5	5.5	2.8	1.9	1.4	0.7	0.4			
-50		0.6	1.2	1.8	2.2	2.7	3.4	3.9	3.9	3.4	2.7	2.2	1.8	1.2	0.6				
-60	0.2	0.4	0.9	1.5	2.1	2.4	2.5	2.6	2.6	2.5	2.4	2.1	1.5	0.9	0.4	0.2			
-70		0.3	0.6	1.0	1.4	1.8	2.1	2.3	2.3	2.1	1.8	1.4	1.0	0.6	0.3				
-80																			
-90	0.1	0.5		1.3		2.2		2.6		2.2		1.3		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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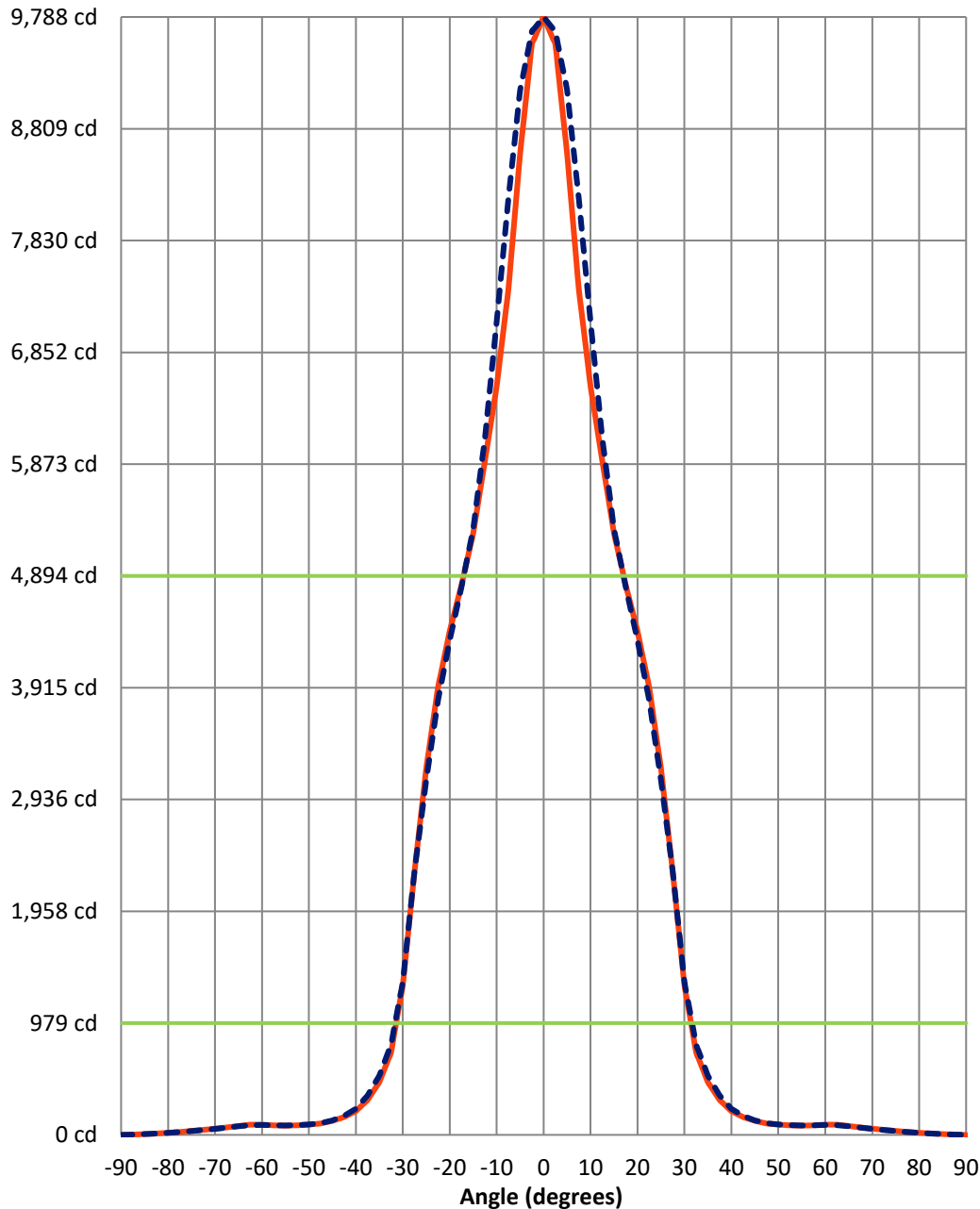
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 1844.3
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 3769.3
Efficiency: 87.1%

Spill:
Lumens: 560.6
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	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.6
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.4	4.1	4.7	5.3
77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.8	4.7	5.6	6.3	7.1
75°	0.0	0.6	1.3	1.9	2.6	3.8	5.0	6.0	7.0	8.1	9.2
72.5°	0.0	0.8	1.5	2.2	3.4	4.7	6.1	7.4	8.6	9.9	11.2
70°	0.0	0.9	1.7	2.6	4.1	5.6	7.2	8.7	10.1	11.7	13.6
67.5°	0.0	1.0	1.9	3.1	4.8	6.5	8.3	10.0	11.7	13.9	16.2
65°	0.0	1.1	2.1	3.6	5.4	7.4	9.4	11.2	13.6	16.2	18.8
62.5°	0.0	1.2	2.3	4.1	6.1	8.3	10.5	12.8	15.6	18.5	21.8
60°	0.0	1.2	2.5	4.6	6.8	9.3	11.6	14.5	17.5	21.1	24.8
57.5°	0.0	1.3	2.8	5.0	7.5	10.2	12.9	16.1	19.7	23.7	27.8
55°	0.0	1.4	3.1	5.5	8.2	11.1	14.3	17.7	22.0	26.3	30.9
52.5°	0.0	1.5	3.4	5.9	8.9	12.0	15.7	19.6	24.2	28.9	33.8
50°	0.0	1.6	3.7	6.3	9.6	13.1	17.0	21.5	26.3	31.4	36.8
47.5°	0.0	1.7	4.0	6.8	10.3	14.1	18.3	23.2	28.4	33.7	39.8
45°	0.0	1.8	4.3	7.3	11.0	15.1	19.7	24.9	30.4	36.4	42.8
42.5°	0.0	1.8	4.5	7.7	11.6	16.1	21.1	26.6	32.3	39.0	45.8
40°	0.0	1.9	4.8	8.2	12.3	17.0	22.3	28.2	34.3	41.5	48.7
37.5°	0.0	2.0	5.0	8.7	13.0	17.9	23.6	29.7	36.4	43.9	51.5
35°	0.0	2.0	5.2	9.1	13.7	18.8	24.7	31.2	38.4	46.2	54.2
32.5°	0.0	2.1	5.5	9.5	14.3	19.7	25.8	32.6	40.3	48.4	56.7
30°	0.0	2.2	5.7	9.8	14.9	20.5	26.9	34.0	42.0	50.4	59.1
27.5°	0.0	2.2	5.9	10.1	15.4	21.3	27.9	35.4	43.6	52.3	61.4
25°	0.0	2.3	6.1	10.4	15.9	22.0	28.9	36.6	45.2	54.1	63.4
22.5°	0.0	2.3	6.2	10.7	16.3	22.6	29.7	37.8	46.6	55.8	65.5
20°	0.0	2.3	6.4	10.9	16.6	23.1	30.5	38.8	47.8	57.3	67.3
17.5°	0.0	2.4	6.5	11.1	17.0	23.6	31.2	39.7	48.9	58.6	69.0
15°	0.0	2.4	6.7	11.3	17.2	24.0	31.8	40.5	49.9	59.8	70.4
12.5°	0.0	2.4	6.8	11.4	17.5	24.3	32.4	41.2	50.7	60.8	71.5
10°	0.0	2.5	6.9	11.5	17.7	24.5	32.8	41.8	51.3	61.7	72.6
7.5°	0.0	2.5	7.0	11.6	17.8	24.7	33.2	42.2	51.8	62.4	73.6
5°	0.0	2.5	7.0	11.6	17.9	24.9	33.4	42.5	52.1	62.9	74.5
2.5°	0.0	2.5	7.1	11.6	17.9	24.9	33.5	42.7	52.3	63.3	75.2
0°	0.0	2.5	7.1	11.6	17.9	24.9	33.6	42.8	52.3	63.5	75.6
-2.5°	0.0	2.5	7.1	11.6	17.9	24.9	33.5	42.7	52.3	63.3	75.2
-5°	0.0	2.5	7.0	11.6	17.9	24.9	33.4	42.5	52.1	62.9	74.5
-7.5°	0.0	2.5	7.0	11.6	17.8	24.7	33.2	42.2	51.8	62.4	73.6
-10°	0.0	2.5	6.9	11.5	17.7	24.5	32.8	41.8	51.3	61.7	72.6
-12.5°	0.0	2.4	6.8	11.4	17.5	24.3	32.4	41.2	50.7	60.8	71.5
-15°	0.0	2.4	6.7	11.3	17.2	24.0	31.8	40.5	49.9	59.8	70.4
-17.5°	0.0	2.4	6.5	11.1	17.0	23.6	31.2	39.7	48.9	58.6	69.0
-20°	0.0	2.3	6.4	10.9	16.6	23.1	30.5	38.8	47.8	57.3	67.3



REPORT NUMBER: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	2.3	6.2	10.7	16.3	22.6	29.7	37.8	46.6	55.8	65.5
-25°	0.0	2.3	6.1	10.4	15.9	22.0	28.9	36.6	45.2	54.1	63.4
-27.5°	0.0	2.2	5.9	10.1	15.4	21.3	27.9	35.4	43.6	52.3	61.4
-30°	0.0	2.2	5.7	9.8	14.9	20.5	26.9	34.0	42.0	50.4	59.1
-32.5°	0.0	2.1	5.5	9.5	14.3	19.7	25.8	32.6	40.3	48.4	56.7
-35°	0.0	2.0	5.2	9.1	13.7	18.8	24.7	31.2	38.4	46.2	54.2
-37.5°	0.0	2.0	5.0	8.7	13.0	17.9	23.6	29.7	36.4	43.9	51.5
-40°	0.0	1.9	4.8	8.2	12.3	17.0	22.3	28.2	34.3	41.5	48.7
-42.5°	0.0	1.8	4.5	7.7	11.6	16.1	21.1	26.6	32.3	39.0	45.8
-45°	0.0	1.8	4.3	7.3	11.0	15.1	19.7	24.9	30.4	36.4	42.8
-47.5°	0.0	1.7	4.0	6.8	10.3	14.1	18.3	23.2	28.4	33.7	39.8
-50°	0.0	1.6	3.7	6.3	9.6	13.1	17.0	21.5	26.3	31.4	36.8
-52.5°	0.0	1.5	3.4	5.9	8.9	12.0	15.7	19.6	24.2	28.9	33.8
-55°	0.0	1.4	3.1	5.5	8.2	11.1	14.3	17.7	22.0	26.3	30.9
-57.5°	0.0	1.3	2.8	5.0	7.5	10.2	12.9	16.1	19.7	23.7	27.8
-60°	0.0	1.2	2.5	4.6	6.8	9.3	11.6	14.5	17.5	21.1	24.8
-62.5°	0.0	1.2	2.3	4.1	6.1	8.3	10.5	12.8	15.6	18.5	21.8
-65°	0.0	1.1	2.1	3.6	5.4	7.4	9.4	11.2	13.6	16.2	18.8
-67.5°	0.0	1.0	1.9	3.1	4.8	6.5	8.3	10.0	11.7	13.9	16.2
-70°	0.0	0.9	1.7	2.6	4.1	5.6	7.2	8.7	10.1	11.7	13.6
-72.5°	0.0	0.8	1.5	2.2	3.4	4.7	6.1	7.4	8.6	9.9	11.2
-75°	0.0	0.6	1.3	1.9	2.6	3.8	5.0	6.0	7.0	8.1	9.2
-77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.8	4.7	5.6	6.3	7.1
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.4	4.1	4.7	5.3
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.6
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	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):

	-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.8	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7
82.5°	4.1	4.5	5.0	5.4	5.8	6.1	6.4	6.9	7.4	7.9	8.4
80°	5.9	6.6	7.3	8.1	8.9	9.6	10.3	11.0	11.7	12.4	13.1
77.5°	8.1	9.1	10.1	11.2	12.2	13.4	14.5	15.7	16.7	17.7	18.5
75°	10.4	11.6	13.2	14.7	16.2	17.7	19.2	20.8	22.2	23.5	24.7
72.5°	12.9	14.7	16.6	18.4	20.5	22.5	24.4	26.2	27.9	29.5	31.1
70°	15.7	17.8	20.2	22.7	25.1	27.4	29.6	31.7	33.7	35.7	38.0
67.5°	18.5	21.4	24.2	27.0	29.8	32.4	34.8	37.5	40.2	42.8	45.3
65°	21.8	25.0	28.3	31.5	34.6	37.7	40.8	43.9	47.0	50.0	52.8
62.5°	25.1	28.8	32.5	36.1	39.7	43.2	46.9	50.5	54.0	57.6	61.1
60°	28.7	32.7	36.7	40.7	44.8	49.0	53.1	57.3	61.6	65.7	69.6
57.5°	32.2	36.6	40.9	45.4	50.2	54.9	59.7	64.5	69.3	74.0	78.0
55°	35.6	40.3	45.2	50.4	55.6	61.0	66.4	71.9	77.1	81.1	84.8
52.5°	39.0	44.1	49.7	55.3	61.1	67.2	73.4	78.8	83.1	86.5	87.3
50°	42.4	48.1	54.0	60.3	66.7	73.5	79.5	84.3	86.8	87.7	87.2
47.5°	45.9	52.1	58.5	65.2	72.3	78.9	84.5	87.0	88.1	86.9	85.3
45°	49.4	56.0	62.8	70.1	77.3	83.5	86.6	88.4	86.8	85.3	84.2
42.5°	52.7	59.9	67.3	74.8	81.5	85.9	87.9	86.9	85.5	84.4	84.8
40°	56.1	63.6	71.7	78.8	84.8	87.0	86.7	85.4	84.7	85.2	86.9
37.5°	59.3	67.5	75.7	82.7	85.9	86.8	85.3	84.5	85.1	87.1	90.8
35°	62.4	71.2	79.1	84.9	87.0	85.5	84.5	84.3	86.6	90.5	96.1
32.5°	65.4	74.7	82.2	85.9	86.2	84.5	83.7	85.6	89.1	94.4	103.7
30°	68.4	77.5	84.5	86.7	85.2	83.9	84.4	87.1	91.9	100.6	115.7
27.5°	71.2	80.0	85.3	86.3	84.4	83.3	85.4	89.5	96.4	108.0	129.6
25°	73.7	82.2	85.9	85.5	83.8	83.7	86.5	91.6	101.1	120.0	149.6
22.5°	75.8	84.3	86.6	84.8	83.2	84.3	88.3	95.3	108.1	131.3	170.4
20°	77.5	84.8	86.4	84.1	82.7	84.9	89.8	99.0	117.5	148.9	193.7
17.5°	79.0	85.3	85.9	83.6	83.0	85.8	91.5	102.3	125.9	164.0	216.2
15°	80.3	85.7	85.3	83.2	83.4	86.9	94.2	108.5	135.9	178.3	236.4
12.5°	81.5	86.0	84.8	82.9	83.7	87.9	96.5	114.2	145.8	193.7	268.8
10°	82.5	86.3	84.3	82.6	83.9	88.7	98.3	118.7	153.4	206.8	296.0
7.5°	83.4	86.5	83.9	82.4	84.0	89.2	99.8	121.9	158.9	217.4	316.3
5°	84.1	86.7	83.7	82.3	84.3	89.9	100.8	124.1	162.2	225.0	329.9
2.5°	84.5	86.8	83.5	82.2	84.7	90.7	101.7	125.9	165.1	228.9	339.5
0°	84.7	86.8	83.5	82.2	85.1	91.3	102.1	126.6	166.5	228.8	345.4
-2.5°	84.5	86.8	83.5	82.2	84.7	90.7	101.7	125.9	165.1	228.9	339.5
-5°	84.1	86.7	83.7	82.3	84.3	89.9	100.8	124.1	162.2	225.0	329.9
-7.5°	83.4	86.5	83.9	82.4	84.0	89.2	99.8	121.9	158.9	217.4	316.3
-10°	82.5	86.3	84.3	82.6	83.9	88.7	98.3	118.7	153.4	206.8	296.0
-12.5°	81.5	86.0	84.8	82.9	83.7	87.9	96.5	114.2	145.8	193.7	268.8
-15°	80.3	85.7	85.3	83.2	83.4	86.9	94.2	108.5	135.9	178.3	236.4
-17.5°	79.0	85.3	85.9	83.6	83.0	85.8	91.5	102.3	125.9	164.0	216.2
-20°	77.5	84.8	86.4	84.1	82.7	84.9	89.8	99.0	117.5	148.9	193.7



REPORT NUMBER: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	75.8	84.3	86.6	84.8	83.2	84.3	88.3	95.3	108.1	131.3	170.4
-25°	73.7	82.2	85.9	85.5	83.8	83.7	86.5	91.6	101.1	120.0	149.6
-27.5°	71.2	80.0	85.3	86.3	84.4	83.3	85.4	89.5	96.4	108.0	129.6
-30°	68.4	77.5	84.5	86.7	85.2	83.9	84.4	87.1	91.9	100.6	115.7
-32.5°	65.4	74.7	82.2	85.9	86.2	84.5	83.7	85.6	89.1	94.4	103.7
-35°	62.4	71.2	79.1	84.9	87.0	85.5	84.5	84.3	86.6	90.5	96.1
-37.5°	59.3	67.5	75.7	82.7	85.9	86.8	85.3	84.5	85.1	87.1	90.8
-40°	56.1	63.6	71.7	78.8	84.8	87.0	86.7	85.4	84.7	85.2	86.9
-42.5°	52.7	59.9	67.3	74.8	81.5	85.9	87.9	86.9	85.5	84.4	84.8
-45°	49.4	56.0	62.8	70.1	77.3	83.5	86.6	88.4	86.8	85.3	84.2
-47.5°	45.9	52.1	58.5	65.2	72.3	78.9	84.5	87.0	88.1	86.9	85.3
-50°	42.4	48.1	54.0	60.3	66.7	73.5	79.5	84.3	86.8	87.7	87.2
-52.5°	39.0	44.1	49.7	55.3	61.1	67.2	73.4	78.8	83.1	86.5	87.3
-55°	35.6	40.3	45.2	50.4	55.6	61.0	66.4	71.9	77.1	81.1	84.8
-57.5°	32.2	36.6	40.9	45.4	50.2	54.9	59.7	64.5	69.3	74.0	78.0
-60°	28.7	32.7	36.7	40.7	44.8	49.0	53.1	57.3	61.6	65.7	69.6
-62.5°	25.1	28.8	32.5	36.1	39.7	43.2	46.9	50.5	54.0	57.6	61.1
-65°	21.8	25.0	28.3	31.5	34.6	37.7	40.8	43.9	47.0	50.0	52.8
-67.5°	18.5	21.4	24.2	27.0	29.8	32.4	34.8	37.5	40.2	42.8	45.3
-70°	15.7	17.8	20.2	22.7	25.1	27.4	29.6	31.7	33.7	35.7	38.0
-72.5°	12.9	14.7	16.6	18.4	20.5	22.5	24.4	26.2	27.9	29.5	31.1
-75°	10.4	11.6	13.2	14.7	16.2	17.7	19.2	20.8	22.2	23.5	24.7
-77.5°	8.1	9.1	10.1	11.2	12.2	13.4	14.5	15.7	16.7	17.7	18.5
-80°	5.9	6.6	7.3	8.1	8.9	9.6	10.3	11.0	11.7	12.4	13.1
-82.5°	4.1	4.5	5.0	5.4	5.8	6.1	6.4	6.9	7.4	7.9	8.4
-85°	2.3	2.5	2.8	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7
-87.5°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.1	2.3
85°	4.9	5.1	5.3	5.5	5.8	5.9	6.1	6.2	6.3	6.4	6.5
82.5°	8.8	9.3	9.7	10.1	10.5	10.8	11.0	11.2	11.4	11.6	11.8
80°	13.8	14.4	15.0	15.5	15.9	16.3	16.6	16.9	17.1	17.5	17.9
77.5°	19.4	20.3	21.1	21.8	22.5	23.1	23.7	24.3	24.8	25.1	25.4
75°	25.8	26.9	28.0	29.0	29.9	30.9	31.8	32.6	33.4	33.9	34.3
72.5°	32.7	34.2	35.5	36.8	37.9	39.1	40.2	41.2	42.1	42.8	43.4
70°	40.1	42.0	43.5	45.0	46.4	47.9	49.3	50.5	51.6	52.4	53.1
67.5°	47.7	49.9	51.9	53.8	55.7	57.5	59.2	60.8	62.2	63.3	64.0
65°	55.5	58.3	60.9	63.3	65.4	67.4	69.5	71.5	73.2	74.7	75.8
62.5°	64.4	67.5	70.5	73.1	75.4	77.3	79.3	81.2	82.8	84.4	85.9
60°	73.4	76.9	79.5	81.7	83.8	85.6	86.3	87.0	87.5	88.0	88.6
57.5°	81.3	84.4	86.6	87.0	87.5	87.9	87.6	86.9	86.2	85.5	84.9
55°	86.8	87.6	88.6	87.8	86.6	85.5	84.5	83.8	83.2	82.6	82.1
52.5°	88.2	87.4	86.3	85.2	84.4	83.5	82.7	82.8	83.1	83.3	83.4
50°	86.1	85.1	84.6	84.0	84.1	84.5	84.8	85.6	86.7	87.4	88.0
47.5°	84.5	83.8	84.7	85.7	86.7	88.4	90.0	91.6	94.0	95.9	97.4
45°	84.0	85.6	87.2	89.8	92.0	96.0	99.7	102.7	108.5	113.7	117.8
42.5°	86.4	89.1	92.0	97.0	102.5	109.4	118.3	125.8	134.6	142.9	148.8
40°	90.3	94.3	100.9	109.0	121.7	132.9	147.7	160.3	172.2	184.7	194.2
37.5°	95.9	103.4	115.8	130.3	149.5	167.9	188.3	208.0	224.8	250.3	270.3
35°	104.3	119.3	137.0	161.2	186.3	214.5	244.3	282.6	316.4	356.0	393.3
32.5°	119.5	139.9	167.6	200.4	233.7	282.4	328.3	390.7	446.7	516.5	591.7
30°	137.4	167.8	205.0	247.8	308.1	375.1	450.7	546.3	659.9	795.1	976.6
27.5°	162.0	201.0	247.8	317.1	402.7	492.5	626.6	787.3	1080.1	1335.2	1673.4
25°	188.4	236.1	310.1	403.3	515.9	677.7	939.8	1274.0	1747.6	2200.5	2562.5
22.5°	219.0	288.6	382.0	498.0	680.3	993.5	1400.4	1989.2	2517.2	2973.9	3325.6
20°	252.7	340.1	465.6	642.9	953.3	1412.0	2065.2	2669.5	3208.8	3602.0	3912.7
17.5°	296.5	410.7	569.9	814.6	1290.8	1997.8	2671.2	3268.5	3737.7	4083.1	4358.6
15°	337.4	475.6	682.0	1099.4	1749.5	2505.1	3195.3	3728.1	4134.2	4455.6	4703.3
12.5°	385.7	548.6	812.9	1345.5	2171.1	2923.5	3567.4	4064.9	4456.0	4757.3	5089.2
10°	428.6	627.0	1000.6	1673.4	2517.5	3252.5	3877.7	4324.8	4717.0	5109.6	5607.3
7.5°	464.1	692.9	1154.5	1950.0	2783.4	3495.8	4065.4	4512.1	4944.3	5468.6	6186.6
5°	492.3	742.5	1281.1	2158.9	2976.7	3669.4	4208.7	4661.5	5149.7	5851.1	6814.6
2.5°	511.1	775.1	1360.3	2285.1	3098.6	3769.0	4314.9	4759.2	5271.1	6065.3	7071.9
0°	518.6	790.1	1340.2	2308.0	3106.0	3801.4	4330.7	4795.8	5305.6	6101.1	7119.1
-2.5°	511.1	775.1	1360.3	2285.1	3098.6	3769.0	4314.9	4759.2	5271.1	6065.3	7071.9
-5°	492.3	742.5	1281.1	2158.9	2976.7	3669.4	4208.7	4661.5	5149.7	5851.1	6814.6
-7.5°	464.1	692.9	1154.5	1950.0	2783.4	3495.8	4065.4	4512.1	4944.3	5468.6	6186.6
-10°	428.6	627.0	1000.6	1673.4	2517.5	3252.5	3877.7	4324.8	4717.0	5109.6	5607.3
-12.5°	385.7	548.6	812.9	1345.5	2171.1	2923.5	3567.4	4064.9	4456.0	4757.3	5089.2
-15°	337.4	475.6	682.0	1099.4	1749.5	2505.1	3195.3	3728.1	4134.2	4455.6	4703.3
-17.5°	296.5	410.7	569.9	814.6	1290.8	1997.8	2671.2	3268.5	3737.7	4083.1	4358.6
-20°	252.7	340.1	465.6	642.9	953.3	1412.0	2065.2	2669.5	3208.8	3602.0	3912.7



REPORT NUMBER: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	219.0	288.6	382.0	498.0	680.3	993.5	1400.4	1989.2	2517.2	2973.9	3325.6
-25°	188.4	236.1	310.1	403.3	515.9	677.7	939.8	1274.0	1747.6	2200.5	2562.5
-27.5°	162.0	201.0	247.8	317.1	402.7	492.5	626.6	787.3	1080.1	1335.2	1673.4
-30°	137.4	167.8	205.0	247.8	308.1	375.1	450.7	546.3	659.9	795.1	976.6
-32.5°	119.5	139.9	167.6	200.4	233.7	282.4	328.3	390.7	446.7	516.5	591.7
-35°	104.3	119.3	137.0	161.2	186.3	214.5	244.3	282.6	316.4	356.0	393.3
-37.5°	95.9	103.4	115.8	130.3	149.5	167.9	188.3	208.0	224.8	250.3	270.3
-40°	90.3	94.3	100.9	109.0	121.7	132.9	147.7	160.3	172.2	184.7	194.2
-42.5°	86.4	89.1	92.0	97.0	102.5	109.4	118.3	125.8	134.6	142.9	148.8
-45°	84.0	85.6	87.2	89.8	92.0	96.0	99.7	102.7	108.5	113.7	117.8
-47.5°	84.5	83.8	84.7	85.7	86.7	88.4	90.0	91.6	94.0	95.9	97.4
-50°	86.1	85.1	84.6	84.0	84.1	84.5	84.8	85.6	86.7	87.4	88.0
-52.5°	88.2	87.4	86.3	85.2	84.4	83.5	82.7	82.8	83.1	83.3	83.4
-55°	86.8	87.6	88.6	87.8	86.6	85.5	84.5	83.8	83.2	82.6	82.1
-57.5°	81.3	84.4	86.6	87.0	87.5	87.9	87.6	86.9	86.2	85.5	84.9
-60°	73.4	76.9	79.5	81.7	83.8	85.6	86.3	87.0	87.5	88.0	88.6
-62.5°	64.4	67.5	70.5	73.1	75.4	77.3	79.3	81.2	82.8	84.4	85.9
-65°	55.5	58.3	60.9	63.3	65.4	67.4	69.5	71.5	73.2	74.7	75.8
-67.5°	47.7	49.9	51.9	53.8	55.7	57.5	59.2	60.8	62.2	63.3	64.0
-70°	40.1	42.0	43.5	45.0	46.4	47.9	49.3	50.5	51.6	52.4	53.1
-72.5°	32.7	34.2	35.5	36.8	37.9	39.1	40.2	41.2	42.1	42.8	43.4
-75°	25.8	26.9	28.0	29.0	29.9	30.9	31.8	32.6	33.4	33.9	34.3
-77.5°	19.4	20.3	21.1	21.8	22.5	23.1	23.7	24.3	24.8	25.1	25.4
-80°	13.8	14.4	15.0	15.5	15.9	16.3	16.6	16.9	17.1	17.5	17.9
-82.5°	8.8	9.3	9.7	10.1	10.5	10.8	11.0	11.2	11.4	11.6	11.8
-85°	4.9	5.1	5.3	5.5	5.8	5.9	6.1	6.2	6.3	6.4	6.5
-87.5°	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.1	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: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.1	2.0	2.0
85°	6.5	6.6	6.8	7.1	6.8	6.6	6.5	6.5	6.4	6.3	6.2
82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.8	11.6	11.4	11.2
80°	18.3	18.6	18.5	18.3	18.5	18.6	18.3	17.9	17.5	17.1	16.9
77.5°	25.5	25.6	25.5	25.3	25.5	25.6	25.5	25.4	25.1	24.8	24.3
75°	34.5	34.7	34.8	34.9	34.8	34.7	34.5	34.3	33.9	33.4	32.6
72.5°	43.8	44.1	44.1	44.0	44.1	44.1	43.8	43.4	42.8	42.1	41.2
70°	53.7	54.1	54.3	54.4	54.3	54.1	53.7	53.1	52.4	51.6	50.5
67.5°	64.6	64.8	65.1	65.2	65.1	64.8	64.6	64.0	63.3	62.2	60.8
65°	76.8	77.6	77.7	77.6	77.7	77.6	76.8	75.8	74.7	73.2	71.5
62.5°	87.4	88.6	89.2	89.3	89.2	88.6	87.4	85.9	84.4	82.8	81.2
60°	89.1	89.6	89.7	89.7	89.7	89.6	89.1	88.6	88.0	87.5	87.0
57.5°	84.3	83.9	83.6	83.5	83.6	83.9	84.3	84.9	85.5	86.2	86.9
55°	81.7	81.2	81.0	81.0	81.0	81.2	81.7	82.1	82.6	83.2	83.8
52.5°	83.5	83.4	83.6	83.9	83.6	83.4	83.5	83.4	83.3	83.1	82.8
50°	88.6	88.9	89.3	89.7	89.3	88.9	88.6	88.0	87.4	86.7	85.6
47.5°	98.5	99.1	99.4	99.6	99.4	99.1	98.5	97.4	95.9	94.0	91.6
45°	120.5	122.0	122.7	122.9	122.7	122.0	120.5	117.8	113.7	108.5	102.7
42.5°	152.8	155.0	155.9	156.1	155.9	155.0	152.8	148.8	142.9	134.6	125.8
40°	200.9	204.8	206.7	208.0	206.7	204.8	200.9	194.2	184.7	172.2	160.3
37.5°	285.2	294.9	300.4	305.2	300.4	294.9	285.2	270.3	250.3	224.8	208.0
35°	423.6	445.8	458.9	461.7	458.9	445.8	423.6	393.3	356.0	316.4	282.6
32.5°	649.6	693.1	719.1	722.4	719.1	693.1	649.6	591.7	516.5	446.7	390.7
30°	1117.5	1239.4	1323.0	1311.6	1323.0	1239.4	1117.5	976.6	795.1	659.9	546.3
27.5°	1950.5	2171.7	2315.4	2303.4	2315.4	2171.7	1950.5	1673.4	1335.2	1080.1	787.3
25°	2840.7	3044.3	3164.5	3208.9	3164.5	3044.3	2840.7	2562.5	2200.5	1747.6	1274.0
22.5°	3567.7	3749.8	3853.8	3916.0	3853.8	3749.8	3567.7	3325.6	2973.9	2517.2	1989.2
20°	4124.7	4282.6	4372.1	4410.5	4372.1	4282.6	4124.7	3912.7	3602.0	3208.8	2669.5
17.5°	4553.3	4685.4	4786.7	4812.8	4786.7	4685.4	4553.3	4358.6	4083.1	3737.7	3268.5
15°	4932.3	5103.1	5222.5	5267.0	5222.5	5103.1	4932.3	4703.3	4455.6	4134.2	3728.1
12.5°	5410.3	5707.2	5865.0	5901.4	5865.0	5707.2	5410.3	5089.2	4757.3	4456.0	4064.9
10°	6116.8	6573.1	6624.8	6554.0	6624.8	6573.1	6116.8	5607.3	5109.6	4717.0	4324.8
7.5°	7145.7	7754.2	7622.6	7403.5	7622.6	7754.2	7145.7	6186.6	5468.6	4944.3	4512.1
5°	7882.1	8726.8	8753.0	8592.2	8753.0	8726.8	7882.1	6814.6	5851.1	5149.7	4661.5
2.5°	8175.2	9044.8	9477.6	9548.5	9477.6	9044.8	8175.2	7071.9	6065.3	5271.1	4759.2
0°	8197.1	9147.3	9660.4	9787.9	9660.4	9147.3	8197.1	7119.1	6101.1	5305.6	4795.8
-2.5°	8175.2	9044.8	9477.6	9548.5	9477.6	9044.8	8175.2	7071.9	6065.3	5271.1	4759.2
-5°	7882.1	8726.8	8753.0	8592.2	8753.0	8726.8	7882.1	6814.6	5851.1	5149.7	4661.5
-7.5°	7145.7	7754.2	7622.6	7403.5	7622.6	7754.2	7145.7	6186.6	5468.6	4944.3	4512.1
-10°	6116.8	6573.1	6624.8	6554.0	6624.8	6573.1	6116.8	5607.3	5109.6	4717.0	4324.8
-12.5°	5410.3	5707.2	5865.0	5901.4	5865.0	5707.2	5410.3	5089.2	4757.3	4456.0	4064.9
-15°	4932.3	5103.1	5222.5	5267.0	5222.5	5103.1	4932.3	4703.3	4455.6	4134.2	3728.1
-17.5°	4553.3	4685.4	4786.7	4812.8	4786.7	4685.4	4553.3	4358.6	4083.1	3737.7	3268.5
-20°	4124.7	4282.6	4372.1	4410.5	4372.1	4282.6	4124.7	3912.7	3602.0	3208.8	2669.5



REPORT NUMBER: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3567.7	3749.8	3853.8	3916.0	3853.8	3749.8	3567.7	3325.6	2973.9	2517.2	1989.2
-25°	2840.7	3044.3	3164.5	3208.9	3164.5	3044.3	2840.7	2562.5	2200.5	1747.6	1274.0
-27.5°	1950.5	2171.7	2315.4	2303.4	2315.4	2171.7	1950.5	1673.4	1335.2	1080.1	787.3
-30°	1117.5	1239.4	1323.0	1311.6	1323.0	1239.4	1117.5	976.6	795.1	659.9	546.3
-32.5°	649.6	693.1	719.1	722.4	719.1	693.1	649.6	591.7	516.5	446.7	390.7
-35°	423.6	445.8	458.9	461.7	458.9	445.8	423.6	393.3	356.0	316.4	282.6
-37.5°	285.2	294.9	300.4	305.2	300.4	294.9	285.2	270.3	250.3	224.8	208.0
-40°	200.9	204.8	206.7	208.0	206.7	204.8	200.9	194.2	184.7	172.2	160.3
-42.5°	152.8	155.0	155.9	156.1	155.9	155.0	152.8	148.8	142.9	134.6	125.8
-45°	120.5	122.0	122.7	122.9	122.7	122.0	120.5	117.8	113.7	108.5	102.7
-47.5°	98.5	99.1	99.4	99.6	99.4	99.1	98.5	97.4	95.9	94.0	91.6
-50°	88.6	88.9	89.3	89.7	89.3	88.9	88.6	88.0	87.4	86.7	85.6
-52.5°	83.5	83.4	83.6	83.9	83.6	83.4	83.5	83.4	83.3	83.1	82.8
-55°	81.7	81.2	81.0	81.0	81.0	81.2	81.7	82.1	82.6	83.2	83.8
-57.5°	84.3	83.9	83.6	83.5	83.6	83.9	84.3	84.9	85.5	86.2	86.9
-60°	89.1	89.6	89.7	89.7	89.7	89.6	89.1	88.6	88.0	87.5	87.0
-62.5°	87.4	88.6	89.2	89.3	89.2	88.6	87.4	85.9	84.4	82.8	81.2
-65°	76.8	77.6	77.7	77.6	77.7	77.6	76.8	75.8	74.7	73.2	71.5
-67.5°	64.6	64.8	65.1	65.2	65.1	64.8	64.6	64.0	63.3	62.2	60.8
-70°	53.7	54.1	54.3	54.4	54.3	54.1	53.7	53.1	52.4	51.6	50.5
-72.5°	43.8	44.1	44.1	44.0	44.1	44.1	43.8	43.4	42.8	42.1	41.2
-75°	34.5	34.7	34.8	34.9	34.8	34.7	34.5	34.3	33.9	33.4	32.6
-77.5°	25.5	25.6	25.5	25.3	25.5	25.6	25.5	25.4	25.1	24.8	24.3
-80°	18.3	18.6	18.5	18.3	18.5	18.6	18.3	17.9	17.5	17.1	16.9
-82.5°	11.9	11.9	12.0	12.0	12.0	11.9	11.9	11.8	11.6	11.4	11.2
-85°	6.5	6.6	6.8	7.1	6.8	6.6	6.5	6.5	6.4	6.3	6.2
-87.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.1	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558540 (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°
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°	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8
85°	6.1	5.9	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0
82.5°	11.0	10.8	10.5	10.1	9.7	9.3	8.8	8.4	7.9	7.4	6.9
80°	16.6	16.3	15.9	15.5	15.0	14.4	13.8	13.1	12.4	11.7	11.0
77.5°	23.7	23.1	22.5	21.8	21.1	20.3	19.4	18.5	17.7	16.7	15.7
75°	31.8	30.9	29.9	29.0	28.0	26.9	25.8	24.7	23.5	22.2	20.8
72.5°	40.2	39.1	37.9	36.8	35.5	34.2	32.7	31.1	29.5	27.9	26.2
70°	49.3	47.9	46.4	45.0	43.5	42.0	40.1	38.0	35.7	33.7	31.7
67.5°	59.2	57.5	55.7	53.8	51.9	49.9	47.7	45.3	42.8	40.2	37.5
65°	69.5	67.4	65.4	63.3	60.9	58.3	55.5	52.8	50.0	47.0	43.9
62.5°	79.3	77.3	75.4	73.1	70.5	67.5	64.4	61.1	57.6	54.0	50.5
60°	86.3	85.6	83.8	81.7	79.5	76.9	73.4	69.6	65.7	61.6	57.3
57.5°	87.6	87.9	87.5	87.0	86.6	84.4	81.3	78.0	74.0	69.3	64.5
55°	84.5	85.5	86.6	87.8	88.6	87.6	86.8	84.8	81.1	77.1	71.9
52.5°	82.7	83.5	84.4	85.2	86.3	87.4	88.2	87.3	86.5	83.1	78.8
50°	84.8	84.5	84.1	84.0	84.6	85.1	86.1	87.2	87.7	86.8	84.3
47.5°	90.0	88.4	86.7	85.7	84.7	83.8	84.5	85.3	86.9	88.1	87.0
45°	99.7	96.0	92.0	89.8	87.2	85.6	84.0	84.2	85.3	86.8	88.4
42.5°	118.3	109.4	102.5	97.0	92.0	89.1	86.4	84.8	84.4	85.5	86.9
40°	147.7	132.9	121.7	109.0	100.9	94.3	90.3	86.9	85.2	84.7	85.4
37.5°	188.3	167.9	149.5	130.3	115.8	103.4	95.9	90.8	87.1	85.1	84.5
35°	244.3	214.5	186.3	161.2	137.0	119.3	104.3	96.1	90.5	86.6	84.3
32.5°	328.3	282.4	233.7	200.4	167.6	139.9	119.5	103.7	94.4	89.1	85.6
30°	450.7	375.1	308.1	247.8	205.0	167.8	137.4	115.7	100.6	91.9	87.1
27.5°	626.6	492.5	402.7	317.1	247.8	201.0	162.0	129.6	108.0	96.4	89.5
25°	939.8	677.7	515.9	403.3	310.1	236.1	188.4	149.6	120.0	101.1	91.6
22.5°	1400.4	993.5	680.3	498.0	382.0	288.6	219.0	170.4	131.3	108.1	95.3
20°	2065.2	1412.0	953.3	642.9	465.6	340.1	252.7	193.7	148.9	117.5	99.0
17.5°	2671.2	1997.8	1290.8	814.6	569.9	410.7	296.5	216.2	164.0	125.9	102.3
15°	3195.3	2505.1	1749.5	1099.4	682.0	475.6	337.4	236.4	178.3	135.9	108.5
12.5°	3567.4	2923.5	2171.1	1345.5	812.9	548.6	385.7	268.8	193.7	145.8	114.2
10°	3877.7	3252.5	2517.5	1673.4	1000.6	627.0	428.6	296.0	206.8	153.4	118.7
7.5°	4065.4	3495.8	2783.4	1950.0	1154.5	692.9	464.1	316.3	217.4	158.9	121.9
5°	4208.7	3669.4	2976.7	2158.9	1281.1	742.5	492.3	329.9	225.0	162.2	124.1
2.5°	4314.9	3769.0	3098.6	2285.1	1360.3	775.1	511.1	339.5	228.9	165.1	125.9
0°	4330.7	3801.4	3106.0	2308.0	1340.2	790.1	518.6	345.4	228.8	166.5	126.6
-2.5°	4314.9	3769.0	3098.6	2285.1	1360.3	775.1	511.1	339.5	228.9	165.1	125.9
-5°	4208.7	3669.4	2976.7	2158.9	1281.1	742.5	492.3	329.9	225.0	162.2	124.1
-7.5°	4065.4	3495.8	2783.4	1950.0	1154.5	692.9	464.1	316.3	217.4	158.9	121.9
-10°	3877.7	3252.5	2517.5	1673.4	1000.6	627.0	428.6	296.0	206.8	153.4	118.7
-12.5°	3567.4	2923.5	2171.1	1345.5	812.9	548.6	385.7	268.8	193.7	145.8	114.2
-15°	3195.3	2505.1	1749.5	1099.4	682.0	475.6	337.4	236.4	178.3	135.9	108.5
-17.5°	2671.2	1997.8	1290.8	814.6	569.9	410.7	296.5	216.2	164.0	125.9	102.3
-20°	2065.2	1412.0	953.3	642.9	465.6	340.1	252.7	193.7	148.9	117.5	99.0



REPORT NUMBER: P558540 (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°	1400.4	993.5	680.3	498.0	382.0	288.6	219.0	170.4	131.3	108.1	95.3
-25°	939.8	677.7	515.9	403.3	310.1	236.1	188.4	149.6	120.0	101.1	91.6
-27.5°	626.6	492.5	402.7	317.1	247.8	201.0	162.0	129.6	108.0	96.4	89.5
-30°	450.7	375.1	308.1	247.8	205.0	167.8	137.4	115.7	100.6	91.9	87.1
-32.5°	328.3	282.4	233.7	200.4	167.6	139.9	119.5	103.7	94.4	89.1	85.6
-35°	244.3	214.5	186.3	161.2	137.0	119.3	104.3	96.1	90.5	86.6	84.3
-37.5°	188.3	167.9	149.5	130.3	115.8	103.4	95.9	90.8	87.1	85.1	84.5
-40°	147.7	132.9	121.7	109.0	100.9	94.3	90.3	86.9	85.2	84.7	85.4
-42.5°	118.3	109.4	102.5	97.0	92.0	89.1	86.4	84.8	84.4	85.5	86.9
-45°	99.7	96.0	92.0	89.8	87.2	85.6	84.0	84.2	85.3	86.8	88.4
-47.5°	90.0	88.4	86.7	85.7	84.7	83.8	84.5	85.3	86.9	88.1	87.0
-50°	84.8	84.5	84.1	84.0	84.6	85.1	86.1	87.2	87.7	86.8	84.3
-52.5°	82.7	83.5	84.4	85.2	86.3	87.4	88.2	87.3	86.5	83.1	78.8
-55°	84.5	85.5	86.6	87.8	88.6	87.6	86.8	84.8	81.1	77.1	71.9
-57.5°	87.6	87.9	87.5	87.0	86.6	84.4	81.3	78.0	74.0	69.3	64.5
-60°	86.3	85.6	83.8	81.7	79.5	76.9	73.4	69.6	65.7	61.6	57.3
-62.5°	79.3	77.3	75.4	73.1	70.5	67.5	64.4	61.1	57.6	54.0	50.5
-65°	69.5	67.4	65.4	63.3	60.9	58.3	55.5	52.8	50.0	47.0	43.9
-67.5°	59.2	57.5	55.7	53.8	51.9	49.9	47.7	45.3	42.8	40.2	37.5
-70°	49.3	47.9	46.4	45.0	43.5	42.0	40.1	38.0	35.7	33.7	31.7
-72.5°	40.2	39.1	37.9	36.8	35.5	34.2	32.7	31.1	29.5	27.9	26.2
-75°	31.8	30.9	29.9	29.0	28.0	26.9	25.8	24.7	23.5	22.2	20.8
-77.5°	23.7	23.1	22.5	21.8	21.1	20.3	19.4	18.5	17.7	16.7	15.7
-80°	16.6	16.3	15.9	15.5	15.0	14.4	13.8	13.1	12.4	11.7	11.0
-82.5°	11.0	10.8	10.5	10.1	9.7	9.3	8.8	8.4	7.9	7.4	6.9
-85°	6.1	5.9	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0
-87.5°	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8
-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: P558540 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	3.8	3.6	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	6.4	6.1	5.8	5.4	5.0	4.5	4.1	3.6	3.1	2.6	2.2
80°	10.3	9.6	8.9	8.1	7.3	6.6	5.9	5.3	4.7	4.1	3.4
77.5°	14.5	13.4	12.2	11.2	10.1	9.1	8.1	7.1	6.3	5.6	4.7
75°	19.2	17.7	16.2	14.7	13.2	11.6	10.4	9.2	8.1	7.0	6.0
72.5°	24.4	22.5	20.5	18.4	16.6	14.7	12.9	11.2	9.9	8.6	7.4
70°	29.6	27.4	25.1	22.7	20.2	17.8	15.7	13.6	11.7	10.1	8.7
67.5°	34.8	32.4	29.8	27.0	24.2	21.4	18.5	16.2	13.9	11.7	10.0
65°	40.8	37.7	34.6	31.5	28.3	25.0	21.8	18.8	16.2	13.6	11.2
62.5°	46.9	43.2	39.7	36.1	32.5	28.8	25.1	21.8	18.5	15.6	12.8
60°	53.1	49.0	44.8	40.7	36.7	32.7	28.7	24.8	21.1	17.5	14.5
57.5°	59.7	54.9	50.2	45.4	40.9	36.6	32.2	27.8	23.7	19.7	16.1
55°	66.4	61.0	55.6	50.4	45.2	40.3	35.6	30.9	26.3	22.0	17.7
52.5°	73.4	67.2	61.1	55.3	49.7	44.1	39.0	33.8	28.9	24.2	19.6
50°	79.5	73.5	66.7	60.3	54.0	48.1	42.4	36.8	31.4	26.3	21.5
47.5°	84.5	78.9	72.3	65.2	58.5	52.1	45.9	39.8	33.7	28.4	23.2
45°	86.6	83.5	77.3	70.1	62.8	56.0	49.4	42.8	36.4	30.4	24.9
42.5°	87.9	85.9	81.5	74.8	67.3	59.9	52.7	45.8	39.0	32.3	26.6
40°	86.7	87.0	84.8	78.8	71.7	63.6	56.1	48.7	41.5	34.3	28.2
37.5°	85.3	86.8	85.9	82.7	75.7	67.5	59.3	51.5	43.9	36.4	29.7
35°	84.5	85.5	87.0	84.9	79.1	71.2	62.4	54.2	46.2	38.4	31.2
32.5°	83.7	84.5	86.2	85.9	82.2	74.7	65.4	56.7	48.4	40.3	32.6
30°	84.4	83.9	85.2	86.7	84.5	77.5	68.4	59.1	50.4	42.0	34.0
27.5°	85.4	83.3	84.4	86.3	85.3	80.0	71.2	61.4	52.3	43.6	35.4
25°	86.5	83.7	83.8	85.5	85.9	82.2	73.7	63.4	54.1	45.2	36.6
22.5°	88.3	84.3	83.2	84.8	86.6	84.3	75.8	65.5	55.8	46.6	37.8
20°	89.8	84.9	82.7	84.1	86.4	84.8	77.5	67.3	57.3	47.8	38.8
17.5°	91.5	85.8	83.0	83.6	85.9	85.3	79.0	69.0	58.6	48.9	39.7
15°	94.2	86.9	83.4	83.2	85.3	85.7	80.3	70.4	59.8	49.9	40.5
12.5°	96.5	87.9	83.7	82.9	84.8	86.0	81.5	71.5	60.8	50.7	41.2
10°	98.3	88.7	83.9	82.6	84.3	86.3	82.5	72.6	61.7	51.3	41.8
7.5°	99.8	89.2	84.0	82.4	83.9	86.5	83.4	73.6	62.4	51.8	42.2
5°	100.8	89.9	84.3	82.3	83.7	86.7	84.1	74.5	62.9	52.1	42.5
2.5°	101.7	90.7	84.7	82.2	83.5	86.8	84.5	75.2	63.3	52.3	42.7
0°	102.1	91.3	85.1	82.2	83.5	86.8	84.7	75.6	63.5	52.3	42.8
-2.5°	101.7	90.7	84.7	82.2	83.5	86.8	84.5	75.2	63.3	52.3	42.7
-5°	100.8	89.9	84.3	82.3	83.7	86.7	84.1	74.5	62.9	52.1	42.5
-7.5°	99.8	89.2	84.0	82.4	83.9	86.5	83.4	73.6	62.4	51.8	42.2
-10°	98.3	88.7	83.9	82.6	84.3	86.3	82.5	72.6	61.7	51.3	41.8
-12.5°	96.5	87.9	83.7	82.9	84.8	86.0	81.5	71.5	60.8	50.7	41.2
-15°	94.2	86.9	83.4	83.2	85.3	85.7	80.3	70.4	59.8	49.9	40.5
-17.5°	91.5	85.8	83.0	83.6	85.9	85.3	79.0	69.0	58.6	48.9	39.7
-20°	89.8	84.9	82.7	84.1	86.4	84.8	77.5	67.3	57.3	47.8	38.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	88.3	84.3	83.2	84.8	86.6	84.3	75.8	65.5	55.8	46.6	37.8
-25°	86.5	83.7	83.8	85.5	85.9	82.2	73.7	63.4	54.1	45.2	36.6
-27.5°	85.4	83.3	84.4	86.3	85.3	80.0	71.2	61.4	52.3	43.6	35.4
-30°	84.4	83.9	85.2	86.7	84.5	77.5	68.4	59.1	50.4	42.0	34.0
-32.5°	83.7	84.5	86.2	85.9	82.2	74.7	65.4	56.7	48.4	40.3	32.6
-35°	84.5	85.5	87.0	84.9	79.1	71.2	62.4	54.2	46.2	38.4	31.2
-37.5°	85.3	86.8	85.9	82.7	75.7	67.5	59.3	51.5	43.9	36.4	29.7
-40°	86.7	87.0	84.8	78.8	71.7	63.6	56.1	48.7	41.5	34.3	28.2
-42.5°	87.9	85.9	81.5	74.8	67.3	59.9	52.7	45.8	39.0	32.3	26.6
-45°	86.6	83.5	77.3	70.1	62.8	56.0	49.4	42.8	36.4	30.4	24.9
-47.5°	84.5	78.9	72.3	65.2	58.5	52.1	45.9	39.8	33.7	28.4	23.2
-50°	79.5	73.5	66.7	60.3	54.0	48.1	42.4	36.8	31.4	26.3	21.5
-52.5°	73.4	67.2	61.1	55.3	49.7	44.1	39.0	33.8	28.9	24.2	19.6
-55°	66.4	61.0	55.6	50.4	45.2	40.3	35.6	30.9	26.3	22.0	17.7
-57.5°	59.7	54.9	50.2	45.4	40.9	36.6	32.2	27.8	23.7	19.7	16.1
-60°	53.1	49.0	44.8	40.7	36.7	32.7	28.7	24.8	21.1	17.5	14.5
-62.5°	46.9	43.2	39.7	36.1	32.5	28.8	25.1	21.8	18.5	15.6	12.8
-65°	40.8	37.7	34.6	31.5	28.3	25.0	21.8	18.8	16.2	13.6	11.2
-67.5°	34.8	32.4	29.8	27.0	24.2	21.4	18.5	16.2	13.9	11.7	10.0
-70°	29.6	27.4	25.1	22.7	20.2	17.8	15.7	13.6	11.7	10.1	8.7
-72.5°	24.4	22.5	20.5	18.4	16.6	14.7	12.9	11.2	9.9	8.6	7.4
-75°	19.2	17.7	16.2	14.7	13.2	11.6	10.4	9.2	8.1	7.0	6.0
-77.5°	14.5	13.4	12.2	11.2	10.1	9.1	8.1	7.1	6.3	5.6	4.7
-80°	10.3	9.6	8.9	8.1	7.3	6.6	5.9	5.3	4.7	4.1	3.4
-82.5°	6.4	6.1	5.8	5.4	5.0	4.5	4.1	3.6	3.1	2.6	2.2
-85°	3.8	3.6	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.7	1.5
-87.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	3.8	2.8	2.2	1.6	1.1	0.5	0.0
75°	5.0	3.8	2.6	1.9	1.3	0.6	0.0
72.5°	6.1	4.7	3.4	2.2	1.5	0.8	0.0
70°	7.2	5.6	4.1	2.6	1.7	0.9	0.0
67.5°	8.3	6.5	4.8	3.1	1.9	1.0	0.0
65°	9.4	7.4	5.4	3.6	2.1	1.1	0.0
62.5°	10.5	8.3	6.1	4.1	2.3	1.2	0.0
60°	11.6	9.3	6.8	4.6	2.5	1.2	0.0
57.5°	12.9	10.2	7.5	5.0	2.8	1.3	0.0
55°	14.3	11.1	8.2	5.5	3.1	1.4	0.0
52.5°	15.7	12.0	8.9	5.9	3.4	1.5	0.0
50°	17.0	13.1	9.6	6.3	3.7	1.6	0.0
47.5°	18.3	14.1	10.3	6.8	4.0	1.7	0.0
45°	19.7	15.1	11.0	7.3	4.3	1.8	0.0
42.5°	21.1	16.1	11.6	7.7	4.5	1.8	0.0
40°	22.3	17.0	12.3	8.2	4.8	1.9	0.0
37.5°	23.6	17.9	13.0	8.7	5.0	2.0	0.0
35°	24.7	18.8	13.7	9.1	5.2	2.0	0.0
32.5°	25.8	19.7	14.3	9.5	5.5	2.1	0.0
30°	26.9	20.5	14.9	9.8	5.7	2.2	0.0
27.5°	27.9	21.3	15.4	10.1	5.9	2.2	0.0
25°	28.9	22.0	15.9	10.4	6.1	2.3	0.0
22.5°	29.7	22.6	16.3	10.7	6.2	2.3	0.0
20°	30.5	23.1	16.6	10.9	6.4	2.3	0.0
17.5°	31.2	23.6	17.0	11.1	6.5	2.4	0.0
15°	31.8	24.0	17.2	11.3	6.7	2.4	0.0
12.5°	32.4	24.3	17.5	11.4	6.8	2.4	0.0
10°	32.8	24.5	17.7	11.5	6.9	2.5	0.0
7.5°	33.2	24.7	17.8	11.6	7.0	2.5	0.0
5°	33.4	24.9	17.9	11.6	7.0	2.5	0.0
2.5°	33.5	24.9	17.9	11.6	7.1	2.5	0.0
0°	33.6	24.9	17.9	11.6	7.1	2.5	0.0
-2.5°	33.5	24.9	17.9	11.6	7.1	2.5	0.0
-5°	33.4	24.9	17.9	11.6	7.0	2.5	0.0
-7.5°	33.2	24.7	17.8	11.6	7.0	2.5	0.0
-10°	32.8	24.5	17.7	11.5	6.9	2.5	0.0
-12.5°	32.4	24.3	17.5	11.4	6.8	2.4	0.0
-15°	31.8	24.0	17.2	11.3	6.7	2.4	0.0
-17.5°	31.2	23.6	17.0	11.1	6.5	2.4	0.0
-20°	30.5	23.1	16.6	10.9	6.4	2.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.7	22.6	16.3	10.7	6.2	2.3	0.0
-25°	28.9	22.0	15.9	10.4	6.1	2.3	0.0
-27.5°	27.9	21.3	15.4	10.1	5.9	2.2	0.0
-30°	26.9	20.5	14.9	9.8	5.7	2.2	0.0
-32.5°	25.8	19.7	14.3	9.5	5.5	2.1	0.0
-35°	24.7	18.8	13.7	9.1	5.2	2.0	0.0
-37.5°	23.6	17.9	13.0	8.7	5.0	2.0	0.0
-40°	22.3	17.0	12.3	8.2	4.8	1.9	0.0
-42.5°	21.1	16.1	11.6	7.7	4.5	1.8	0.0
-45°	19.7	15.1	11.0	7.3	4.3	1.8	0.0
-47.5°	18.3	14.1	10.3	6.8	4.0	1.7	0.0
-50°	17.0	13.1	9.6	6.3	3.7	1.6	0.0
-52.5°	15.7	12.0	8.9	5.9	3.4	1.5	0.0
-55°	14.3	11.1	8.2	5.5	3.1	1.4	0.0
-57.5°	12.9	10.2	7.5	5.0	2.8	1.3	0.0
-60°	11.6	9.3	6.8	4.6	2.5	1.2	0.0
-62.5°	10.5	8.3	6.1	4.1	2.3	1.2	0.0
-65°	9.4	7.4	5.4	3.6	2.1	1.1	0.0
-67.5°	8.3	6.5	4.8	3.1	1.9	1.0	0.0
-70°	7.2	5.6	4.1	2.6	1.7	0.9	0.0
-72.5°	6.1	4.7	3.4	2.2	1.5	0.8	0.0
-75°	5.0	3.8	2.6	1.9	1.3	0.6	0.0
-77.5°	3.8	2.8	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)