

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: P558524 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558524 (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-927-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

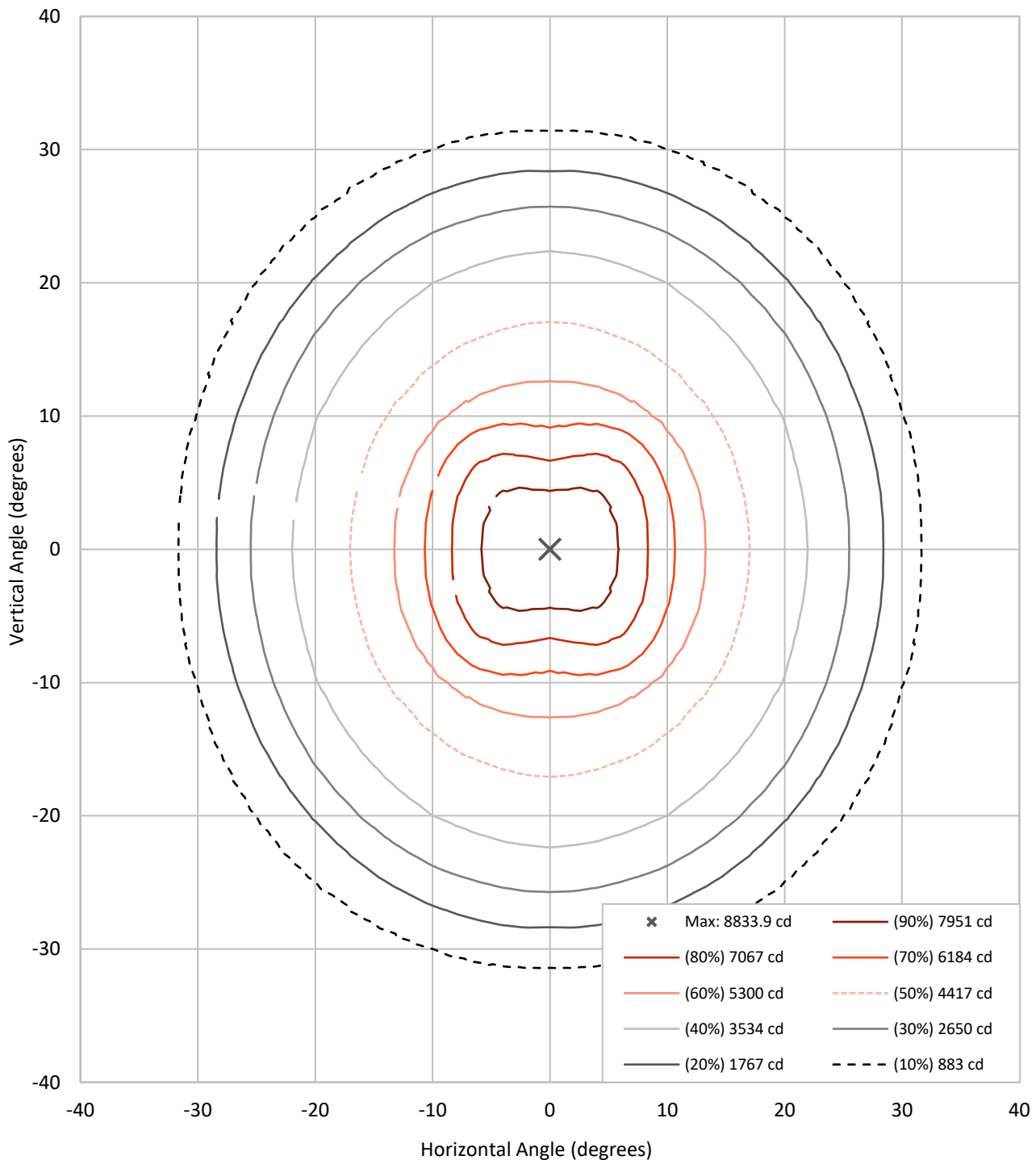
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3907.9 lumens	Max Intensity:	8833.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1664.5 lumens	Field Lumens:	3401.9 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



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Iso-Candela Plot





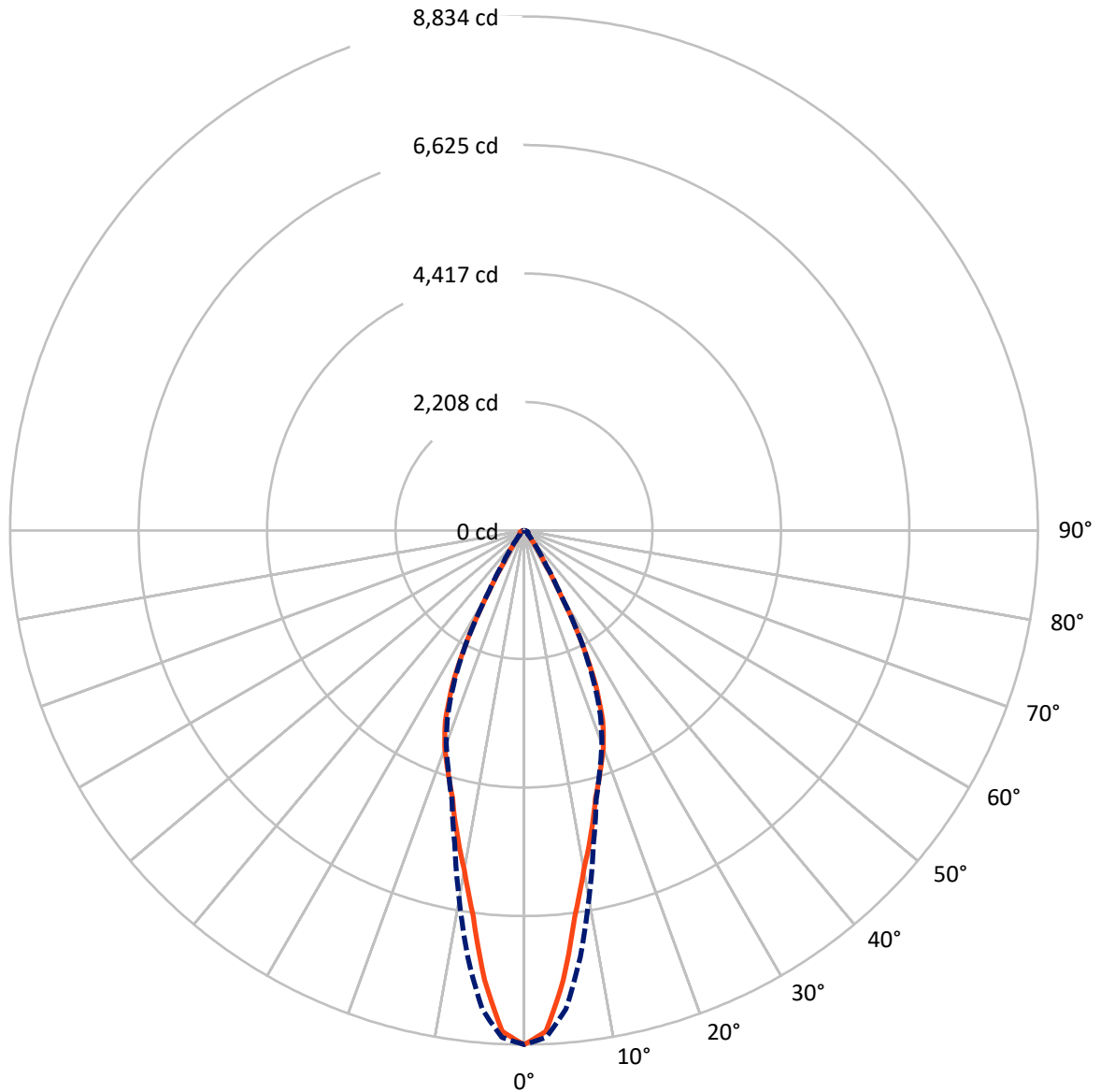
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Lumen Table

90																			
80	0.1	0.4		1.2		2.0		2.3		2.0		1.2		0.4		0.1			
70																			
60	0.2	0.2	0.5	0.9	1.3	1.6	1.9	2.1	2.1	1.9	1.6	1.3	0.9	0.5	0.2	0.2			
50		0.4	0.8	1.4	1.9	2.1	2.3	2.3	2.3	2.3	2.1	1.9	1.4	0.8	0.4				
40	0.4	0.5	1.1	1.7	1.9	2.4	3.1	3.6	3.6	3.1	2.4	1.9	1.7	1.1	0.5	0.4			
30		0.6	1.3	1.7	2.5	5.0	9.5	14.5	14.5	9.5	5.0	2.5	1.7	1.3	0.6				
20	0.5	0.8	1.3	1.9	4.6	15.2	47.8	78.7	78.7	47.8	15.2	4.6	1.9	1.3	0.8	0.5			
10		0.8	1.3	2.3	8.5	45.1	106.5	141.1	141.1	106.5	45.1	8.5	2.3	1.3	0.8				
0	0.6	0.9	1.3	2.7	13.0	71.0	138.5	218.6	218.6	138.5	71.0	13.0	2.7	1.3	0.9	0.6			
-10		0.9	1.3	2.7	13.0	71.0	138.5	218.6	218.6	138.5	71.0	13.0	2.7	1.3	0.9				
-20	0.5	0.8	1.3	2.3	8.5	45.1	106.5	141.1	141.1	106.5	45.1	8.5	2.3	1.3	0.8	0.5			
-30		0.8	1.3	1.9	4.6	15.2	47.8	78.7	78.7	47.8	15.2	4.6	1.9	1.3	0.8				
-40	0.4	0.6	1.3	1.7	2.5	5.0	9.5	14.5	14.5	9.5	5.0	2.5	1.7	1.3	0.6	0.4			
-50		0.5	1.1	1.7	1.9	2.4	3.1	3.6	3.6	3.1	2.4	1.9	1.7	1.1	0.5				
-60	0.2	0.4	0.8	1.4	1.9	2.1	2.3	2.3	2.3	2.3	2.1	1.9	1.4	0.8	0.4	0.2			
-70		0.2	0.5	0.9	1.3	1.6	1.9	2.1	2.1	1.9	1.6	1.3	0.9	0.5	0.2				
-80																			
-90	0.1	0.4		1.2		2.0		2.3		2.0		1.2		0.4		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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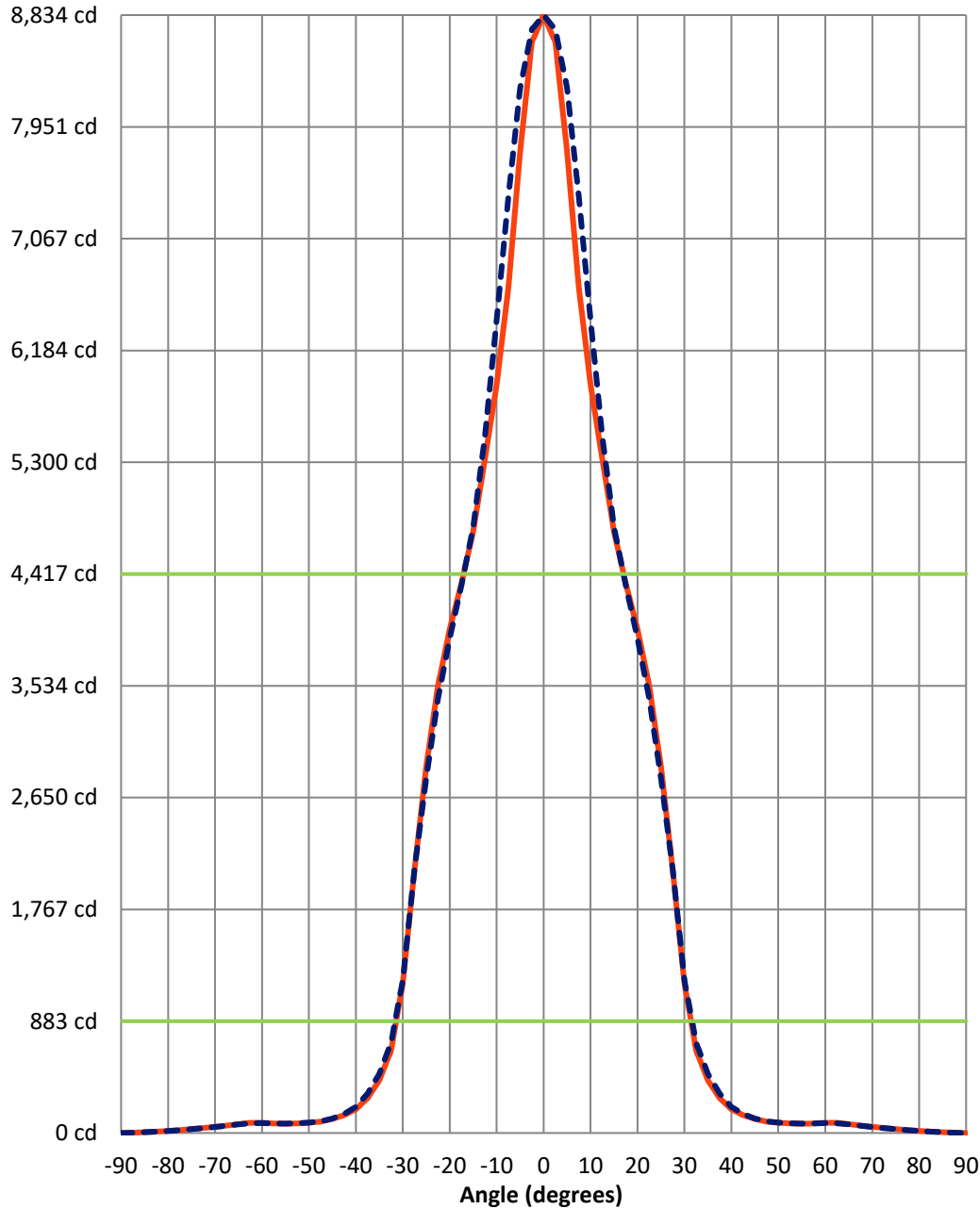
Luminous Intensity Polar Plot



— 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: 1664.5
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 3401.9
Efficiency: 87.1%

Spill:
Lumens: 506
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	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.8	3.2
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.0	3.7	4.3	4.8
77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.4	4.2	5.0	5.7	6.5
75°	0.0	0.6	1.1	1.7	2.3	3.4	4.4	5.4	6.4	7.3	8.3
72.5°	0.0	0.7	1.3	2.0	3.0	4.2	5.5	6.6	7.8	8.9	10.1
70°	0.0	0.8	1.5	2.3	3.6	5.0	6.5	7.8	9.2	10.5	12.3
67.5°	0.0	0.8	1.7	2.8	4.3	5.9	7.5	9.0	10.5	12.6	14.5
65°	0.0	0.9	1.9	3.2	4.9	6.7	8.5	10.2	12.3	14.5	16.9
62.5°	0.0	1.0	2.0	3.7	5.5	7.5	9.5	11.6	14.1	16.6	19.7
60°	0.0	1.1	2.2	4.1	6.1	8.4	10.5	13.1	15.8	19.0	22.3
57.5°	0.0	1.2	2.5	4.5	6.8	9.2	11.7	14.5	17.8	21.4	25.1
55°	0.0	1.3	2.8	5.0	7.5	10.0	12.9	16.0	19.8	23.7	27.9
52.5°	0.0	1.3	3.0	5.4	8.1	10.9	14.1	17.7	21.8	26.1	30.5
50°	0.0	1.4	3.3	5.7	8.7	11.8	15.3	19.4	23.8	28.3	33.3
47.5°	0.0	1.5	3.6	6.1	9.4	12.8	16.4	21.0	25.7	30.5	36.0
45°	0.0	1.6	3.8	6.6	10.0	13.7	17.8	22.5	27.5	32.9	38.6
42.5°	0.0	1.6	4.1	7.0	10.6	14.5	19.0	24.0	29.3	35.2	41.4
40°	0.0	1.7	4.3	7.5	11.2	15.4	20.2	25.5	31.0	37.4	44.0
37.5°	0.0	1.7	4.5	7.9	11.8	16.1	21.3	26.9	32.9	39.6	46.5
35°	0.0	1.8	4.7	8.2	12.4	17.0	22.3	28.2	34.7	41.7	48.9
32.5°	0.0	1.9	4.9	8.6	12.9	17.8	23.3	29.5	36.4	43.7	51.2
30°	0.0	1.9	5.1	8.9	13.5	18.5	24.3	30.7	37.9	45.5	53.4
27.5°	0.0	2.0	5.3	9.2	13.9	19.2	25.3	32.0	39.4	47.3	55.4
25°	0.0	2.0	5.5	9.5	14.3	19.9	26.1	33.1	40.8	48.9	57.3
22.5°	0.0	2.0	5.6	9.7	14.7	20.4	26.9	34.1	42.0	50.4	59.1
20°	0.0	2.1	5.8	9.9	15.0	20.9	27.6	35.1	43.2	51.8	60.8
17.5°	0.0	2.1	5.9	10.1	15.3	21.3	28.3	35.9	44.2	53.0	62.3
15°	0.0	2.1	6.0	10.2	15.5	21.7	28.8	36.6	45.1	54.0	63.5
12.5°	0.0	2.1	6.1	10.3	15.7	21.9	29.3	37.2	45.8	54.9	64.6
10°	0.0	2.2	6.2	10.4	15.9	22.2	29.7	37.7	46.4	55.7	65.5
7.5°	0.0	2.2	6.3	10.5	16.0	22.4	30.0	38.1	46.8	56.3	66.5
5°	0.0	2.2	6.3	10.5	16.1	22.5	30.2	38.4	47.1	56.8	67.3
2.5°	0.0	2.2	6.4	10.5	16.1	22.5	30.4	38.5	47.2	57.1	67.8
0°	0.0	2.2	6.4	10.5	16.1	22.5	30.4	38.5	47.2	57.1	67.8
-2.5°	0.0	2.2	6.4	10.5	16.1	22.5	30.4	38.5	47.2	57.1	67.8
-5°	0.0	2.2	6.3	10.5	16.1	22.5	30.2	38.4	47.1	56.8	67.3
-7.5°	0.0	2.2	6.3	10.5	16.0	22.4	30.0	38.1	46.8	56.3	66.5
-10°	0.0	2.2	6.2	10.4	15.9	22.2	29.7	37.7	46.4	55.7	65.5
-12.5°	0.0	2.1	6.1	10.3	15.7	21.9	29.3	37.2	45.8	54.9	64.6
-15°	0.0	2.1	6.0	10.2	15.5	21.7	28.8	36.6	45.1	54.0	63.5
-17.5°	0.0	2.1	5.9	10.1	15.3	21.3	28.3	35.9	44.2	53.0	62.3
-20°	0.0	2.1	5.8	9.9	15.0	20.9	27.6	35.1	43.2	51.8	60.8



REPORT NUMBER: P558524 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-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	2.0	5.6	9.7	14.7	20.4	26.9	34.1	42.0	50.4	59.1
-25°	0.0	2.0	5.5	9.5	14.3	19.9	26.1	33.1	40.8	48.9	57.3
-27.5°	0.0	2.0	5.3	9.2	13.9	19.2	25.3	32.0	39.4	47.3	55.4
-30°	0.0	1.9	5.1	8.9	13.5	18.5	24.3	30.7	37.9	45.5	53.4
-32.5°	0.0	1.9	4.9	8.6	12.9	17.8	23.3	29.5	36.4	43.7	51.2
-35°	0.0	1.8	4.7	8.2	12.4	17.0	22.3	28.2	34.7	41.7	48.9
-37.5°	0.0	1.7	4.5	7.9	11.8	16.1	21.3	26.9	32.9	39.6	46.5
-40°	0.0	1.7	4.3	7.5	11.2	15.4	20.2	25.5	31.0	37.4	44.0
-42.5°	0.0	1.6	4.1	7.0	10.6	14.5	19.0	24.0	29.3	35.2	41.4
-45°	0.0	1.6	3.8	6.6	10.0	13.7	17.8	22.5	27.5	32.9	38.6
-47.5°	0.0	1.5	3.6	6.1	9.4	12.8	16.4	21.0	25.7	30.5	36.0
-50°	0.0	1.4	3.3	5.7	8.7	11.8	15.3	19.4	23.8	28.3	33.3
-52.5°	0.0	1.3	3.0	5.4	8.1	10.9	14.1	17.7	21.8	26.1	30.5
-55°	0.0	1.3	2.8	5.0	7.5	10.0	12.9	16.0	19.8	23.7	27.9
-57.5°	0.0	1.2	2.5	4.5	6.8	9.2	11.7	14.5	17.8	21.4	25.1
-60°	0.0	1.1	2.2	4.1	6.1	8.4	10.5	13.1	15.8	19.0	22.3
-62.5°	0.0	1.0	2.0	3.7	5.5	7.5	9.5	11.6	14.1	16.6	19.7
-65°	0.0	0.9	1.9	3.2	4.9	6.7	8.5	10.2	12.3	14.5	16.9
-67.5°	0.0	0.8	1.7	2.8	4.3	5.9	7.5	9.0	10.5	12.6	14.5
-70°	0.0	0.8	1.5	2.3	3.6	5.0	6.5	7.8	9.2	10.5	12.3
-72.5°	0.0	0.7	1.3	2.0	3.0	4.2	5.5	6.6	7.8	8.9	10.1
-75°	0.0	0.6	1.1	1.7	2.3	3.4	4.4	5.4	6.4	7.3	8.3
-77.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.4	4.2	5.0	5.7	6.5
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.0	3.7	4.3	4.8
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.8	3.2
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1C-927-U-MR-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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.5	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
82.5°	3.7	4.1	4.5	4.9	5.3	5.5	5.8	6.2	6.7	7.2	7.6
80°	5.4	6.0	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.3	11.9
77.5°	7.3	8.3	9.2	10.2	11.1	12.1	13.2	14.2	15.1	15.9	16.7
75°	9.4	10.5	11.9	13.3	14.7	16.0	17.3	18.7	20.0	21.2	22.3
72.5°	11.6	13.3	15.0	16.6	18.5	20.3	22.0	23.7	25.2	26.7	28.1
70°	14.1	16.0	18.2	20.5	22.7	24.7	26.7	28.6	30.4	32.3	34.3
67.5°	16.7	19.3	21.8	24.4	26.9	29.3	31.5	33.9	36.3	38.7	40.9
65°	19.7	22.6	25.5	28.4	31.2	34.0	36.8	39.6	42.4	45.1	47.7
62.5°	22.7	26.0	29.3	32.5	35.8	39.0	42.3	45.6	48.7	52.0	55.1
60°	25.9	29.5	33.1	36.7	40.4	44.2	47.9	51.7	55.6	59.3	62.9
57.5°	29.0	33.0	36.9	41.0	45.3	49.5	53.9	58.2	62.6	66.8	70.5
55°	32.1	36.4	40.8	45.5	50.2	55.1	59.9	64.9	69.6	73.2	76.5
52.5°	35.2	39.8	44.9	49.9	55.2	60.6	66.3	71.1	75.0	78.0	78.8
50°	38.2	43.5	48.8	54.4	60.2	66.3	71.8	76.1	78.3	79.2	78.7
47.5°	41.4	47.1	52.8	58.8	65.3	71.2	76.3	78.5	79.5	78.4	77.0
45°	44.6	50.6	56.7	63.3	69.8	75.4	78.2	79.8	78.4	77.0	76.0
42.5°	47.7	54.1	60.7	67.5	73.6	77.5	79.3	78.4	77.2	76.2	76.5
40°	50.7	57.4	64.7	71.1	76.6	78.6	78.3	77.2	76.5	76.9	78.4
37.5°	53.5	60.9	68.3	74.6	77.5	78.3	77.0	76.3	76.8	78.6	81.9
35°	56.3	64.3	71.4	76.6	78.6	77.2	76.2	76.1	78.1	81.7	86.7
32.5°	59.1	67.5	74.2	77.5	77.8	76.2	75.5	77.2	80.4	85.2	93.6
30°	61.8	70.0	76.3	78.3	76.9	75.7	76.1	78.6	82.9	90.8	104.4
27.5°	64.3	72.2	77.0	77.9	76.1	75.2	77.0	80.7	87.0	97.5	117.0
25°	66.5	74.2	77.5	77.2	75.6	75.5	78.0	82.7	91.3	108.3	135.0
22.5°	68.4	76.1	78.1	76.5	75.1	76.1	79.7	86.1	97.6	118.5	153.7
20°	69.9	76.6	78.0	75.9	74.7	76.6	81.1	89.4	106.1	134.3	174.8
17.5°	71.3	77.0	77.5	75.5	74.9	77.4	82.6	92.4	113.6	148.0	195.2
15°	72.5	77.3	77.0	75.1	75.3	78.5	85.1	98.0	122.7	160.9	213.4
12.5°	73.6	77.6	76.5	74.8	75.6	79.3	87.1	103.1	131.6	174.8	242.6
10°	74.5	77.9	76.0	74.6	75.8	80.0	88.8	107.1	138.5	186.7	267.1
7.5°	75.3	78.1	75.7	74.4	75.9	80.5	90.1	110.1	143.4	196.2	285.4
5°	75.9	78.2	75.5	74.3	76.1	81.1	91.0	112.0	146.3	203.1	297.7
2.5°	76.2	78.3	75.3	74.2	76.5	81.8	91.8	113.6	149.0	206.5	306.5
0°	76.4	78.3	75.3	74.2	76.8	82.4	92.2	114.3	150.3	206.5	311.8
-2.5°	76.2	78.3	75.3	74.2	76.5	81.8	91.8	113.6	149.0	206.5	306.5
-5°	75.9	78.2	75.5	74.3	76.1	81.1	91.0	112.0	146.3	203.1	297.7
-7.5°	75.3	78.1	75.7	74.4	75.9	80.5	90.1	110.1	143.4	196.2	285.4
-10°	74.5	77.9	76.0	74.6	75.8	80.0	88.8	107.1	138.5	186.7	267.1
-12.5°	73.6	77.6	76.5	74.8	75.6	79.3	87.1	103.1	131.6	174.8	242.6
-15°	72.5	77.3	77.0	75.1	75.3	78.5	85.1	98.0	122.7	160.9	213.4
-17.5°	71.3	77.0	77.5	75.5	74.9	77.4	82.6	92.4	113.6	148.0	195.2
-20°	69.9	76.6	78.0	75.9	74.7	76.6	81.1	89.4	106.1	134.3	174.8



REPORT NUMBER: P558524 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-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°	68.4	76.1	78.1	76.5	75.1	76.1	79.7	86.1	97.6	118.5	153.7
-25°	66.5	74.2	77.5	77.2	75.6	75.5	78.0	82.7	91.3	108.3	135.0
-27.5°	64.3	72.2	77.0	77.9	76.1	75.2	77.0	80.7	87.0	97.5	117.0
-30°	61.8	70.0	76.3	78.3	76.9	75.7	76.1	78.6	82.9	90.8	104.4
-32.5°	59.1	67.5	74.2	77.5	77.8	76.2	75.5	77.2	80.4	85.2	93.6
-35°	56.3	64.3	71.4	76.6	78.6	77.2	76.2	76.1	78.1	81.7	86.7
-37.5°	53.5	60.9	68.3	74.6	77.5	78.3	77.0	76.3	76.8	78.6	81.9
-40°	50.7	57.4	64.7	71.1	76.6	78.6	78.3	77.2	76.5	76.9	78.4
-42.5°	47.7	54.1	60.7	67.5	73.6	77.5	79.3	78.4	77.2	76.2	76.5
-45°	44.6	50.6	56.7	63.3	69.8	75.4	78.2	79.8	78.4	77.0	76.0
-47.5°	41.4	47.1	52.8	58.8	65.3	71.2	76.3	78.5	79.5	78.4	77.0
-50°	38.2	43.5	48.8	54.4	60.2	66.3	71.8	76.1	78.3	79.2	78.7
-52.5°	35.2	39.8	44.9	49.9	55.2	60.6	66.3	71.1	75.0	78.0	78.8
-55°	32.1	36.4	40.8	45.5	50.2	55.1	59.9	64.9	69.6	73.2	76.5
-57.5°	29.0	33.0	36.9	41.0	45.3	49.5	53.9	58.2	62.6	66.8	70.5
-60°	25.9	29.5	33.1	36.7	40.4	44.2	47.9	51.7	55.6	59.3	62.9
-62.5°	22.7	26.0	29.3	32.5	35.8	39.0	42.3	45.6	48.7	52.0	55.1
-65°	19.7	22.6	25.5	28.4	31.2	34.0	36.8	39.6	42.4	45.1	47.7
-67.5°	16.7	19.3	21.8	24.4	26.9	29.3	31.5	33.9	36.3	38.7	40.9
-70°	14.1	16.0	18.2	20.5	22.7	24.7	26.7	28.6	30.4	32.3	34.3
-72.5°	11.6	13.3	15.0	16.6	18.5	20.3	22.0	23.7	25.2	26.7	28.1
-75°	9.4	10.5	11.9	13.3	14.7	16.0	17.3	18.7	20.0	21.2	22.3
-77.5°	7.3	8.3	9.2	10.2	11.1	12.1	13.2	14.2	15.1	15.9	16.7
-80°	5.4	6.0	6.7	7.4	8.0	8.7	9.3	10.0	10.6	11.3	11.9
-82.5°	3.7	4.1	4.5	4.9	5.3	5.5	5.8	6.2	6.7	7.2	7.6
-85°	2.0	2.2	2.5	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
-87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558524 (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°	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.9	2.0
85°	4.4	4.6	4.8	5.0	5.2	5.4	5.5	5.6	5.7	5.8	5.9
82.5°	8.0	8.4	8.8	9.2	9.5	9.8	10.0	10.2	10.4	10.5	10.7
80°	12.5	13.1	13.6	14.0	14.4	14.7	15.0	15.2	15.4	15.8	16.1
77.5°	17.5	18.3	19.0	19.7	20.2	20.8	21.4	21.9	22.3	22.6	22.9
75°	23.3	24.3	25.3	26.2	27.0	27.9	28.7	29.5	30.1	30.6	30.9
72.5°	29.5	30.9	32.1	33.2	34.2	35.3	36.3	37.2	38.1	38.7	39.2
70°	36.2	37.9	39.3	40.6	41.9	43.2	44.5	45.6	46.5	47.3	48.0
67.5°	43.1	45.1	46.8	48.5	50.2	51.9	53.4	54.8	56.1	57.1	57.8
65°	50.1	52.7	55.0	57.1	59.0	60.8	62.7	64.5	66.1	67.4	68.4
62.5°	58.1	61.0	63.6	65.9	68.1	69.7	71.6	73.3	74.8	76.2	77.5
60°	66.2	69.5	71.8	73.8	75.6	77.3	77.9	78.5	79.0	79.4	80.0
57.5°	73.3	76.1	78.1	78.5	78.9	79.3	79.1	78.4	77.8	77.1	76.6
55°	78.3	79.1	80.0	79.3	78.2	77.1	76.2	75.6	75.1	74.5	74.1
52.5°	79.6	78.9	78.0	76.9	76.2	75.4	74.6	74.8	75.0	75.2	75.3
50°	77.7	76.8	76.3	75.8	75.9	76.2	76.5	77.3	78.2	78.9	79.4
47.5°	76.2	75.6	76.4	77.3	78.2	79.8	81.2	82.6	84.8	86.5	87.9
45°	75.8	77.2	78.7	81.0	83.1	86.6	89.9	92.7	97.9	102.6	106.4
42.5°	77.9	80.4	83.0	87.6	92.5	98.7	106.8	113.5	121.5	129.0	134.4
40°	81.5	85.0	91.1	98.4	109.8	119.9	133.2	144.6	155.3	166.7	175.3
37.5°	86.5	93.3	104.5	117.6	134.9	151.5	169.9	187.7	203.0	226.0	244.0
35°	94.1	107.7	123.7	145.5	168.1	193.6	220.5	255.1	285.6	321.4	355.0
32.5°	107.9	126.3	151.3	180.8	210.9	254.9	296.4	352.6	403.2	466.2	534.1
30°	124.0	151.4	185.0	223.6	278.1	338.6	406.8	493.1	595.5	717.6	881.4
27.5°	146.2	181.4	223.6	286.2	363.5	444.6	565.5	710.6	974.8	1205.1	1510.3
25°	170.1	213.1	279.8	364.0	465.6	611.6	848.2	1149.9	1577.3	1986.0	2312.7
22.5°	197.6	260.5	344.7	449.5	613.9	896.7	1263.9	1795.3	2271.9	2684.1	3001.5
20°	228.2	307.0	420.2	580.3	860.3	1274.4	1864.0	2409.3	2896.0	3250.9	3531.4
17.5°	267.7	370.7	514.3	735.2	1165.0	1803.1	2410.8	2949.9	3373.4	3685.2	3933.8
15°	304.5	429.2	615.5	992.2	1578.9	2260.9	2883.8	3364.7	3731.2	4021.3	4244.8
12.5°	348.1	495.1	733.7	1214.3	1959.5	2638.6	3219.7	3668.7	4021.7	4293.6	4593.2
10°	386.9	565.9	903.1	1510.3	2272.1	2935.4	3499.8	3903.3	4257.2	4611.5	5060.8
7.5°	418.9	625.4	1042.0	1760.0	2512.0	3155.0	3669.1	4072.3	4462.3	4935.6	5583.6
5°	444.3	670.1	1156.3	1948.5	2686.5	3311.7	3798.5	4207.2	4647.7	5280.8	6150.5
2.5°	461.3	699.5	1227.7	2062.4	2796.5	3401.6	3894.4	4295.4	4757.3	5474.1	6382.6
0°	468.0	713.1	1209.6	2083.0	2803.2	3430.9	3908.6	4328.3	4788.5	5506.4	6425.2
-2.5°	461.3	699.5	1227.7	2062.4	2796.5	3401.6	3894.4	4295.4	4757.3	5474.1	6382.6
-5°	444.3	670.1	1156.3	1948.5	2686.5	3311.7	3798.5	4207.2	4647.7	5280.8	6150.5
-7.5°	418.9	625.4	1042.0	1760.0	2512.0	3155.0	3669.1	4072.3	4462.3	4935.6	5583.6
-10°	386.9	565.9	903.1	1510.3	2272.1	2935.4	3499.8	3903.3	4257.2	4611.5	5060.8
-12.5°	348.1	495.1	733.7	1214.3	1959.5	2638.6	3219.7	3668.7	4021.7	4293.6	4593.2
-15°	304.5	429.2	615.5	992.2	1578.9	2260.9	2883.8	3364.7	3731.2	4021.3	4244.8
-17.5°	267.7	370.7	514.3	735.2	1165.0	1803.1	2410.8	2949.9	3373.4	3685.2	3933.8
-20°	228.2	307.0	420.2	580.3	860.3	1274.4	1864.0	2409.3	2896.0	3250.9	3531.4



REPORT NUMBER: P558524 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	197.6	260.5	344.7	449.5	613.9	896.7	1263.9	1795.3	2271.9	2684.1	3001.5
-25°	170.1	213.1	279.8	364.0	465.6	611.6	848.2	1149.9	1577.3	1986.0	2312.7
-27.5°	146.2	181.4	223.6	286.2	363.5	444.6	565.5	710.6	974.8	1205.1	1510.3
-30°	124.0	151.4	185.0	223.6	278.1	338.6	406.8	493.1	595.5	717.6	881.4
-32.5°	107.9	126.3	151.3	180.8	210.9	254.9	296.4	352.6	403.2	466.2	534.1
-35°	94.1	107.7	123.7	145.5	168.1	193.6	220.5	255.1	285.6	321.4	355.0
-37.5°	86.5	93.3	104.5	117.6	134.9	151.5	169.9	187.7	203.0	226.0	244.0
-40°	81.5	85.0	91.1	98.4	109.8	119.9	133.2	144.6	155.3	166.7	175.3
-42.5°	77.9	80.4	83.0	87.6	92.5	98.7	106.8	113.5	121.5	129.0	134.4
-45°	75.8	77.2	78.7	81.0	83.1	86.6	89.9	92.7	97.9	102.6	106.4
-47.5°	76.2	75.6	76.4	77.3	78.2	79.8	81.2	82.6	84.8	86.5	87.9
-50°	77.7	76.8	76.3	75.8	75.9	76.2	76.5	77.3	78.2	78.9	79.4
-52.5°	79.6	78.9	78.0	76.9	76.2	75.4	74.6	74.8	75.0	75.2	75.3
-55°	78.3	79.1	80.0	79.3	78.2	77.1	76.2	75.6	75.1	74.5	74.1
-57.5°	73.3	76.1	78.1	78.5	78.9	79.3	79.1	78.4	77.8	77.1	76.6
-60°	66.2	69.5	71.8	73.8	75.6	77.3	77.9	78.5	79.0	79.4	80.0
-62.5°	58.1	61.0	63.6	65.9	68.1	69.7	71.6	73.3	74.8	76.2	77.5
-65°	50.1	52.7	55.0	57.1	59.0	60.8	62.7	64.5	66.1	67.4	68.4
-67.5°	43.1	45.1	46.8	48.5	50.2	51.9	53.4	54.8	56.1	57.1	57.8
-70°	36.2	37.9	39.3	40.6	41.9	43.2	44.5	45.6	46.5	47.3	48.0
-72.5°	29.5	30.9	32.1	33.2	34.2	35.3	36.3	37.2	38.1	38.7	39.2
-75°	23.3	24.3	25.3	26.2	27.0	27.9	28.7	29.5	30.1	30.6	30.9
-77.5°	17.5	18.3	19.0	19.7	20.2	20.8	21.4	21.9	22.3	22.6	22.9
-80°	12.5	13.1	13.6	14.0	14.4	14.7	15.0	15.2	15.4	15.8	16.1
-82.5°	8.0	8.4	8.8	9.2	9.5	9.8	10.0	10.2	10.4	10.5	10.7
-85°	4.4	4.6	4.8	5.0	5.2	5.4	5.5	5.6	5.7	5.8	5.9
-87.5°	1.8	1.8	1.8	1.8	1.7	1.8	1.8	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: P558524 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-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°	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.8
85°	5.9	6.0	6.2	6.4	6.2	6.0	5.9	5.9	5.8	5.7	5.6
82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.4	10.2
80°	16.5	16.8	16.7	16.5	16.7	16.8	16.5	16.1	15.8	15.4	15.2
77.5°	23.0	23.1	23.0	22.9	23.0	23.1	23.0	22.9	22.6	22.3	21.9
75°	31.2	31.3	31.5	31.5	31.5	31.3	31.2	30.9	30.6	30.1	29.5
72.5°	39.6	39.9	39.9	39.7	39.9	39.9	39.6	39.2	38.7	38.1	37.2
70°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.0	47.3	46.5	45.6
67.5°	58.2	58.5	58.7	58.8	58.7	58.5	58.2	57.8	57.1	56.1	54.8
65°	69.3	69.9	70.1	70.1	70.1	69.9	69.3	68.4	67.4	66.1	64.5
62.5°	78.8	80.0	80.5	80.6	80.5	80.0	78.8	77.5	76.2	74.8	73.3
60°	80.4	80.8	80.9	80.9	80.9	80.8	80.4	80.0	79.4	79.0	78.5
57.5°	76.1	75.6	75.4	75.3	75.4	75.6	76.1	76.6	77.1	77.8	78.4
55°	73.7	73.3	73.1	73.1	73.1	73.3	73.7	74.1	74.5	75.1	75.6
52.5°	75.3	75.3	75.4	75.7	75.4	75.3	75.3	75.3	75.2	75.0	74.8
50°	79.9	80.3	80.6	80.9	80.6	80.3	79.9	79.4	78.9	78.2	77.3
47.5°	88.9	89.4	89.7	89.9	89.7	89.4	88.9	87.9	86.5	84.8	82.6
45°	108.8	110.1	110.7	110.9	110.7	110.1	108.8	106.4	102.6	97.9	92.7
42.5°	137.9	139.9	140.7	140.9	140.7	139.9	137.9	134.4	129.0	121.5	113.5
40°	181.4	184.8	186.5	187.7	186.5	184.8	181.4	175.3	166.7	155.3	144.6
37.5°	257.4	266.2	271.2	275.4	271.2	266.2	257.4	244.0	226.0	203.0	187.7
35°	382.3	402.3	414.1	416.7	414.1	402.3	382.3	355.0	321.4	285.6	255.1
32.5°	586.3	625.6	649.0	652.0	649.0	625.6	586.3	534.1	466.2	403.2	352.6
30°	1008.6	1118.7	1194.1	1183.7	1194.1	1118.7	1008.6	881.4	717.6	595.5	493.1
27.5°	1760.3	1960.0	2089.7	2078.9	2089.7	1960.0	1760.3	1510.3	1205.1	974.8	710.6
25°	2563.8	2747.6	2856.1	2896.2	2856.1	2747.6	2563.8	2312.7	1986.0	1577.3	1149.9
22.5°	3220.0	3384.3	3478.2	3534.3	3478.2	3384.3	3220.0	3001.5	2684.1	2271.9	1795.3
20°	3722.7	3865.2	3946.0	3980.6	3946.0	3865.2	3722.7	3531.4	3250.9	2896.0	2409.3
17.5°	4109.5	4228.8	4320.2	4343.7	4320.2	4228.8	4109.5	3933.8	3685.2	3373.4	2949.9
15°	4451.6	4605.7	4713.4	4753.6	4713.4	4605.7	4451.6	4244.8	4021.3	3731.2	3364.7
12.5°	4883.0	5150.9	5293.3	5326.2	5293.3	5150.9	4883.0	4593.2	4293.6	4021.7	3668.7
10°	5520.6	5932.5	5979.1	5915.2	5979.1	5932.5	5520.6	5060.8	4611.5	4257.2	3903.3
7.5°	6449.2	6998.4	6879.6	6681.9	6879.6	6998.4	6449.2	5583.6	4935.6	4462.3	4072.3
5°	7113.8	7876.3	7899.9	7754.7	7899.9	7876.3	7113.8	6150.5	5280.8	4647.7	4207.2
2.5°	7378.4	8163.2	8553.8	8617.9	8553.8	8163.2	7378.4	6382.6	5474.1	4757.3	4295.4
0°	7398.2	8255.7	8718.8	8833.9	8718.8	8255.7	7398.2	6425.2	5506.4	4788.5	4328.3
-2.5°	7378.4	8163.2	8553.8	8617.9	8553.8	8163.2	7378.4	6382.6	5474.1	4757.3	4295.4
-5°	7113.8	7876.3	7899.9	7754.7	7899.9	7876.3	7113.8	6150.5	5280.8	4647.7	4207.2
-7.5°	6449.2	6998.4	6879.6	6681.9	6879.6	6998.4	6449.2	5583.6	4935.6	4462.3	4072.3
-10°	5520.6	5932.5	5979.1	5915.2	5979.1	5932.5	5520.6	5060.8	4611.5	4257.2	3903.3
-12.5°	4883.0	5150.9	5293.3	5326.2	5293.3	5150.9	4883.0	4593.2	4293.6	4021.7	3668.7
-15°	4451.6	4605.7	4713.4	4753.6	4713.4	4605.7	4451.6	4244.8	4021.3	3731.2	3364.7
-17.5°	4109.5	4228.8	4320.2	4343.7	4320.2	4228.8	4109.5	3933.8	3685.2	3373.4	2949.9
-20°	3722.7	3865.2	3946.0	3980.6	3946.0	3865.2	3722.7	3531.4	3250.9	2896.0	2409.3



REPORT NUMBER: P558524 (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°	3220.0	3384.3	3478.2	3534.3	3478.2	3384.3	3220.0	3001.5	2684.1	2271.9	1795.3
-25°	2563.8	2747.6	2856.1	2896.2	2856.1	2747.6	2563.8	2312.7	1986.0	1577.3	1149.9
-27.5°	1760.3	1960.0	2089.7	2078.9	2089.7	1960.0	1760.3	1510.3	1205.1	974.8	710.6
-30°	1008.6	1118.7	1194.1	1183.7	1194.1	1118.7	1008.6	881.4	717.6	595.5	493.1
-32.5°	586.3	625.6	649.0	652.0	649.0	625.6	586.3	534.1	466.2	403.2	352.6
-35°	382.3	402.3	414.1	416.7	414.1	402.3	382.3	355.0	321.4	285.6	255.1
-37.5°	257.4	266.2	271.2	275.4	271.2	266.2	257.4	244.0	226.0	203.0	187.7
-40°	181.4	184.8	186.5	187.7	186.5	184.8	181.4	175.3	166.7	155.3	144.6
-42.5°	137.9	139.9	140.7	140.9	140.7	139.9	137.9	134.4	129.0	121.5	113.5
-45°	108.8	110.1	110.7	110.9	110.7	110.1	108.8	106.4	102.6	97.9	92.7
-47.5°	88.9	89.4	89.7	89.9	89.7	89.4	88.9	87.9	86.5	84.8	82.6
-50°	79.9	80.3	80.6	80.9	80.6	80.3	79.9	79.4	78.9	78.2	77.3
-52.5°	75.3	75.3	75.4	75.7	75.4	75.3	75.3	75.3	75.2	75.0	74.8
-55°	73.7	73.3	73.1	73.1	73.1	73.3	73.7	74.1	74.5	75.1	75.6
-57.5°	76.1	75.6	75.4	75.3	75.4	75.6	76.1	76.6	77.1	77.8	78.4
-60°	80.4	80.8	80.9	80.9	80.9	80.8	80.4	80.0	79.4	79.0	78.5
-62.5°	78.8	80.0	80.5	80.6	80.5	80.0	78.8	77.5	76.2	74.8	73.3
-65°	69.3	69.9	70.1	70.1	70.1	69.9	69.3	68.4	67.4	66.1	64.5
-67.5°	58.2	58.5	58.7	58.8	58.7	58.5	58.2	57.8	57.1	56.1	54.8
-70°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.0	47.3	46.5	45.6
-72.5°	39.6	39.9	39.9	39.7	39.9	39.9	39.6	39.2	38.7	38.1	37.2
-75°	31.2	31.3	31.5	31.5	31.5	31.3	31.2	30.9	30.6	30.1	29.5
-77.5°	23.0	23.1	23.0	22.9	23.0	23.1	23.0	22.9	22.6	22.3	21.9
-80°	16.5	16.8	16.7	16.5	16.7	16.8	16.5	16.1	15.8	15.4	15.2
-82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.4	10.2
-85°	5.9	6.0	6.2	6.4	6.2	6.0	5.9	5.9	5.8	5.7	5.6
-87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.1	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



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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°	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
85°	5.5	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
82.5°	10.0	9.8	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.2
80°	15.0	14.7	14.4	14.0	13.6	13.1	12.5	11.9	11.3	10.6	10.0
77.5°	21.4	20.8	20.2	19.7	19.0	18.3	17.5	16.7	15.9	15.1	14.2
75°	28.7	27.9	27.0	26.2	25.3	24.3	23.3	22.3	21.2	20.0	18.7
72.5°	36.3	35.3	34.2	33.2	32.1	30.9	29.5	28.1	26.7	25.2	23.7
70°	44.5	43.2	41.9	40.6	39.3	37.9	36.2	34.3	32.3	30.4	28.6
67.5°	53.4	51.9	50.2	48.5	46.8	45.1	43.1	40.9	38.7	36.3	33.9
65°	62.7	60.8	59.0	57.1	55.0	52.7	50.1	47.7	45.1	42.4	39.6
62.5°	71.6	69.7	68.1	65.9	63.6	61.0	58.1	55.1	52.0	48.7	45.6
60°	77.9	77.3	75.6	73.8	71.8	69.5	66.2	62.9	59.3	55.6	51.7
57.5°	79.1	79.3	78.9	78.5	78.1	76.1	73.3	70.5	66.8	62.6	58.2
55°	76.2	77.1	78.2	79.3	80.0	79.1	78.3	76.5	73.2	69.6	64.9
52.5°	74.6	75.4	76.2	76.9	78.0	78.9	79.6	78.8	78.0	75.0	71.1
50°	76.5	76.2	75.9	75.8	76.3	76.8	77.7	78.7	79.2	78.3	76.1
47.5°	81.2	79.8	78.2	77.3	76.4	75.6	76.2	77.0	78.4	79.5	78.5
45°	89.9	86.6	83.1	81.0	78.7	77.2	75.8	76.0	77.0	78.4	79.8
42.5°	106.8	98.7	92.5	87.6	83.0	80.4	77.9	76.5	76.2	77.2	78.4
40°	133.2	119.9	109.8	98.4	91.1	85.0	81.5	78.4	76.9	76.5	77.2
37.5°	169.9	151.5	134.9	117.6	104.5	93.3	86.5	81.9	78.6	76.8	76.3
35°	220.5	193.6	168.1	145.5	123.7	107.7	94.1	86.7	81.7	78.1	76.1
32.5°	296.4	254.9	210.9	180.8	151.3	126.3	107.9	93.6	85.2	80.4	77.2
30°	406.8	338.6	278.1	223.6	185.0	151.4	124.0	104.4	90.8	82.9	78.6
27.5°	565.5	444.6	363.5	286.2	223.6	181.4	146.2	117.0	97.5	87.0	80.7
25°	848.2	611.6	465.6	364.0	279.8	213.1	170.1	135.0	108.3	91.3	82.7
22.5°	1263.9	896.7	613.9	449.5	344.7	260.5	197.6	153.7	118.5	97.6	86.1
20°	1864.0	1274.4	860.3	580.3	420.2	307.0	228.2	174.8	134.3	106.1	89.4
17.5°	2410.8	1803.1	1165.0	735.2	514.3	370.7	267.7	195.2	148.0	113.6	92.4
15°	2883.8	2260.9	1578.9	992.2	615.5	429.2	304.5	213.4	160.9	122.7	98.0
12.5°	3219.7	2638.6	1959.5	1214.3	733.7	495.1	348.1	242.6	174.8	131.6	103.1
10°	3499.8	2935.4	2272.1	1510.3	903.1	565.9	386.9	267.1	186.7	138.5	107.1
7.5°	3669.1	3155.0	2512.0	1760.0	1042.0	625.4	418.9	285.4	196.2	143.4	110.1
5°	3798.5	3311.7	2686.5	1948.5	1156.3	670.1	444.3	297.7	203.1	146.3	112.0
2.5°	3894.4	3401.6	2796.5	2062.4	1227.7	699.5	461.3	306.5	206.5	149.0	113.6
0°	3908.6	3430.9	2803.2	2083.0	1209.6	713.1	468.0	311.8	206.5	150.3	114.3
-2.5°	3894.4	3401.6	2796.5	2062.4	1227.7	699.5	461.3	306.5	206.5	149.0	113.6
-5°	3798.5	3311.7	2686.5	1948.5	1156.3	670.1	444.3	297.7	203.1	146.3	112.0
-7.5°	3669.1	3155.0	2512.0	1760.0	1042.0	625.4	418.9	285.4	196.2	143.4	110.1
-10°	3499.8	2935.4	2272.1	1510.3	903.1	565.9	386.9	267.1	186.7	138.5	107.1
-12.5°	3219.7	2638.6	1959.5	1214.3	733.7	495.1	348.1	242.6	174.8	131.6	103.1
-15°	2883.8	2260.9	1578.9	992.2	615.5	429.2	304.5	213.4	160.9	122.7	98.0
-17.5°	2410.8	1803.1	1165.0	735.2	514.3	370.7	267.7	195.2	148.0	113.6	92.4
-20°	1864.0	1274.4	860.3	580.3	420.2	307.0	228.2	174.8	134.3	106.1	89.4



REPORT NUMBER: P558524 (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°	1263.9	896.7	613.9	449.5	344.7	260.5	197.6	153.7	118.5	97.6	86.1
-25°	848.2	611.6	465.6	364.0	279.8	213.1	170.1	135.0	108.3	91.3	82.7
-27.5°	565.5	444.6	363.5	286.2	223.6	181.4	146.2	117.0	97.5	87.0	80.7
-30°	406.8	338.6	278.1	223.6	185.0	151.4	124.0	104.4	90.8	82.9	78.6
-32.5°	296.4	254.9	210.9	180.8	151.3	126.3	107.9	93.6	85.2	80.4	77.2
-35°	220.5	193.6	168.1	145.5	123.7	107.7	94.1	86.7	81.7	78.1	76.1
-37.5°	169.9	151.5	134.9	117.6	104.5	93.3	86.5	81.9	78.6	76.8	76.3
-40°	133.2	119.9	109.8	98.4	91.1	85.0	81.5	78.4	76.9	76.5	77.2
-42.5°	106.8	98.7	92.5	87.6	83.0	80.4	77.9	76.5	76.2	77.2	78.4
-45°	89.9	86.6	83.1	81.0	78.7	77.2	75.8	76.0	77.0	78.4	79.8
-47.5°	81.2	79.8	78.2	77.3	76.4	75.6	76.2	77.0	78.4	79.5	78.5
-50°	76.5	76.2	75.9	75.8	76.3	76.8	77.7	78.7	79.2	78.3	76.1
-52.5°	74.6	75.4	76.2	76.9	78.0	78.9	79.6	78.8	78.0	75.0	71.1
-55°	76.2	77.1	78.2	79.3	80.0	79.1	78.3	76.5	73.2	69.6	64.9
-57.5°	79.1	79.3	78.9	78.5	78.1	76.1	73.3	70.5	66.8	62.6	58.2
-60°	77.9	77.3	75.6	73.8	71.8	69.5	66.2	62.9	59.3	55.6	51.7
-62.5°	71.6	69.7	68.1	65.9	63.6	61.0	58.1	55.1	52.0	48.7	45.6
-65°	62.7	60.8	59.0	57.1	55.0	52.7	50.1	47.7	45.1	42.4	39.6
-67.5°	53.4	51.9	50.2	48.5	46.8	45.1	43.1	40.9	38.7	36.3	33.9
-70°	44.5	43.2	41.9	40.6	39.3	37.9	36.2	34.3	32.3	30.4	28.6
-72.5°	36.3	35.3	34.2	33.2	32.1	30.9	29.5	28.1	26.7	25.2	23.7
-75°	28.7	27.9	27.0	26.2	25.3	24.3	23.3	22.3	21.2	20.0	18.7
-77.5°	21.4	20.8	20.2	19.7	19.0	18.3	17.5	16.7	15.9	15.1	14.2
-80°	15.0	14.7	14.4	14.0	13.6	13.1	12.5	11.9	11.3	10.6	10.0
-82.5°	10.0	9.8	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.2
-85°	5.5	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
-87.5°	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558524 (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°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	3.4	3.2	3.0	2.8	2.5	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	5.8	5.5	5.3	4.9	4.5	4.1	3.7	3.2	2.8	2.3	2.0
80°	9.3	8.7	8.0	7.4	6.7	6.0	5.4	4.8	4.3	3.7	3.0
77.5°	13.2	12.1	11.1	10.2	9.2	8.3	7.3	6.5	5.7	5.0	4.2
75°	17.3	16.0	14.7	13.3	11.9	10.5	9.4	8.3	7.3	6.4	5.4
72.5°	22.0	20.3	18.5	16.6	15.0	13.3	11.6	10.1	8.9	7.8	6.6
70°	26.7	24.7	22.7	20.5	18.2	16.0	14.1	12.3	10.5	9.2	7.8
67.5°	31.5	29.3	26.9	24.4	21.8	19.3	16.7	14.5	12.6	10.5	9.0
65°	36.8	34.0	31.2	28.4	25.5	22.6	19.7	16.9	14.5	12.3	10.2
62.5°	42.3	39.0	35.8	32.5	29.3	26.0	22.7	19.7	16.6	14.1	11.6
60°	47.9	44.2	40.4	36.7	33.1	29.5	25.9	22.3	19.0	15.8	13.1
57.5°	53.9	49.5	45.3	41.0	36.9	33.0	29.0	25.1	21.4	17.8	14.5
55°	59.9	55.1	50.2	45.5	40.8	36.4	32.1	27.9	23.7	19.8	16.0
52.5°	66.3	60.6	55.2	49.9	44.9	39.8	35.2	30.5	26.1	21.8	17.7
50°	71.8	66.3	60.2	54.4	48.8	43.5	38.2	33.3	28.3	23.8	19.4
47.5°	76.3	71.2	65.3	58.8	52.8	47.1	41.4	36.0	30.5	25.7	21.0
45°	78.2	75.4	69.8	63.3	56.7	50.6	44.6	38.6	32.9	27.5	22.5
42.5°	79.3	77.5	73.6	67.5	60.7	54.1	47.7	41.4	35.2	29.3	24.0
40°	78.3	78.6	76.6	71.1	64.7	57.4	50.7	44.0	37.4	31.0	25.5
37.5°	77.0	78.3	77.5	74.6	68.3	60.9	53.5	46.5	39.6	32.9	26.9
35°	76.2	77.2	78.6	76.6	71.4	64.3	56.3	48.9	41.7	34.7	28.2
32.5°	75.5	76.2	77.8	77.5	74.2	67.5	59.1	51.2	43.7	36.4	29.5
30°	76.1	75.7	76.9	78.3	76.3	70.0	61.8	53.4	45.5	37.9	30.7
27.5°	77.0	75.2	76.1	77.9	77.0	72.2	64.3	55.4	47.3	39.4	32.0
25°	78.0	75.5	75.6	77.2	77.5	74.2	66.5	57.3	48.9	40.8	33.1
22.5°	79.7	76.1	75.1	76.5	78.1	76.1	68.4	59.1	50.4	42.0	34.1
20°	81.1	76.6	74.7	75.9	78.0	76.6	69.9	60.8	51.8	43.2	35.1
17.5°	82.6	77.4	74.9	75.5	77.5	77.0	71.3	62.3	53.0	44.2	35.9
15°	85.1	78.5	75.3	75.1	77.0	77.3	72.5	63.5	54.0	45.1	36.6
12.5°	87.1	79.3	75.6	74.8	76.5	77.6	73.6	64.6	54.9	45.8	37.2
10°	88.8	80.0	75.8	74.6	76.0	77.9	74.5	65.5	55.7	46.4	37.7
7.5°	90.1	80.5	75.9	74.4	75.7	78.1	75.3	66.5	56.3	46.8	38.1
5°	91.0	81.1	76.1	74.3	75.5	78.2	75.9	67.3	56.8	47.1	38.4
2.5°	91.8	81.8	76.5	74.2	75.3	78.3	76.2	67.8	57.1	47.2	38.5
0°	92.2	82.4	76.8	74.2	75.3	78.3	76.4	68.2	57.3	47.2	38.6
-2.5°	91.8	81.8	76.5	74.2	75.3	78.3	76.2	67.8	57.1	47.2	38.5
-5°	91.0	81.1	76.1	74.3	75.5	78.2	75.9	67.3	56.8	47.1	38.4
-7.5°	90.1	80.5	75.9	74.4	75.7	78.1	75.3	66.5	56.3	46.8	38.1
-10°	88.8	80.0	75.8	74.6	76.0	77.9	74.5	65.5	55.7	46.4	37.7
-12.5°	87.1	79.3	75.6	74.8	76.5	77.6	73.6	64.6	54.9	45.8	37.2
-15°	85.1	78.5	75.3	75.1	77.0	77.3	72.5	63.5	54.0	45.1	36.6
-17.5°	82.6	77.4	74.9	75.5	77.5	77.0	71.3	62.3	53.0	44.2	35.9
-20°	81.1	76.6	74.7	75.9	78.0	76.6	69.9	60.8	51.8	43.2	35.1



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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°	79.7	76.1	75.1	76.5	78.1	76.1	68.4	59.1	50.4	42.0	34.1
-25°	78.0	75.5	75.6	77.2	77.5	74.2	66.5	57.3	48.9	40.8	33.1
-27.5°	77.0	75.2	76.1	77.9	77.0	72.2	64.3	55.4	47.3	39.4	32.0
-30°	76.1	75.7	76.9	78.3	76.3	70.0	61.8	53.4	45.5	37.9	30.7
-32.5°	75.5	76.2	77.8	77.5	74.2	67.5	59.1	51.2	43.7	36.4	29.5
-35°	76.2	77.2	78.6	76.6	71.4	64.3	56.3	48.9	41.7	34.7	28.2
-37.5°	77.0	78.3	77.5	74.6	68.3	60.9	53.5	46.5	39.6	32.9	26.9
-40°	78.3	78.6	76.6	71.1	64.7	57.4	50.7	44.0	37.4	31.0	25.5
-42.5°	79.3	77.5	73.6	67.5	60.7	54.1	47.7	41.4	35.2	29.3	24.0
-45°	78.2	75.4	69.8	63.3	56.7	50.6	44.6	38.6	32.9	27.5	22.5
-47.5°	76.3	71.2	65.3	58.8	52.8	47.1	41.4	36.0	30.5	25.7	21.0
-50°	71.8	66.3	60.2	54.4	48.8	43.5	38.2	33.3	28.3	23.8	19.4
-52.5°	66.3	60.6	55.2	49.9	44.9	39.8	35.2	30.5	26.1	21.8	17.7
-55°	59.9	55.1	50.2	45.5	40.8	36.4	32.1	27.9	23.7	19.8	16.0
-57.5°	53.9	49.5	45.3	41.0	36.9	33.0	29.0	25.1	21.4	17.8	14.5
-60°	47.9	44.2	40.4	36.7	33.1	29.5	25.9	22.3	19.0	15.8	13.1
-62.5°	42.3	39.0	35.8	32.5	29.3	26.0	22.7	19.7	16.6	14.1	11.6
-65°	36.8	34.0	31.2	28.4	25.5	22.6	19.7	16.9	14.5	12.3	10.2
-67.5°	31.5	29.3	26.9	24.4	21.8	19.3	16.7	14.5	12.6	10.5	9.0
-70°	26.7	24.7	22.7	20.5	18.2	16.0	14.1	12.3	10.5	9.2	7.8
-72.5°	22.0	20.3	18.5	16.6	15.0	13.3	11.6	10.1	8.9	7.8	6.6
-75°	17.3	16.0	14.7	13.3	11.9	10.5	9.4	8.3	7.3	6.4	5.4
-77.5°	13.2	12.1	11.1	10.2	9.2	8.3	7.3	6.5	5.7	5.0	4.2
-80°	9.3	8.7	8.0	7.4	6.7	6.0	5.4	4.8	4.3	3.7	3.0
-82.5°	5.8	5.5	5.3	4.9	4.5	4.1	3.7	3.2	2.8	2.3	2.0
-85°	3.4	3.2	3.0	2.8	2.5	2.2	2.0	1.9	1.7	1.5	1.3
-87.5°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-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°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	3.4	2.5	1.9	1.4	1.0	0.5	0.0
75°	4.4	3.4	2.3	1.7	1.1	0.6	0.0
72.5°	5.5	4.2	3.0	2.0	1.3	0.7	0.0
70°	6.5	5.0	3.6	2.3	1.5	0.8	0.0
67.5°	7.5	5.9	4.3	2.8	1.7	0.8	0.0
65°	8.5	6.7	4.9	3.2	1.9	0.9	0.0
62.5°	9.5	7.5	5.5	3.7	2.0	1.0	0.0
60°	10.5	8.4	6.1	4.1	2.2	1.1	0.0
57.5°	11.7	9.2	6.8	4.5	2.5	1.2	0.0
55°	12.9	10.0	7.5	5.0	2.8	1.3	0.0
52.5°	14.1	10.9	8.1	5.4	3.0	1.3	0.0
50°	15.3	11.8	8.7	5.7	3.3	1.4	0.0
47.5°	16.4	12.8	9.4	6.1	3.6	1.5	0.0
45°	17.8	13.7	10.0	6.6	3.8	1.6	0.0
42.5°	19.0	14.5	10.6	7.0	4.1	1.6	0.0
40°	20.2	15.4	11.2	7.5	4.3	1.7	0.0
37.5°	21.3	16.1	11.8	7.9	4.5	1.7	0.0
35°	22.3	17.0	12.4	8.2	4.7	1.8	0.0
32.5°	23.3	17.8	12.9	8.6	4.9	1.9	0.0
30°	24.3	18.5	13.5	8.9	5.1	1.9	0.0
27.5°	25.3	19.2	13.9	9.2	5.3	2.0	0.0
25°	26.1	19.9	14.3	9.5	5.5	2.0	0.0
22.5°	26.9	20.4	14.7	9.7	5.6	2.0	0.0
20°	27.6	20.9	15.0	9.9	5.8	2.1	0.0
17.5°	28.3	21.3	15.3	10.1	5.9	2.1	0.0
15°	28.8	21.7	15.5	10.2	6.0	2.1	0.0
12.5°	29.3	21.9	15.7	10.3	6.1	2.1	0.0
10°	29.7	22.2	15.9	10.4	6.2	2.2	0.0
7.5°	30.0	22.4	16.0	10.5	6.3	2.2	0.0
5°	30.2	22.5	16.1	10.5	6.3	2.2	0.0
2.5°	30.4	22.5	16.1	10.5	6.4	2.2	0.0
0°	30.4	22.5	16.1	10.5	6.4	2.2	0.0
-2.5°	30.4	22.5	16.1	10.5	6.4	2.2	0.0
-5°	30.2	22.5	16.1	10.5	6.3	2.2	0.0
-7.5°	30.0	22.4	16.0	10.5	6.3	2.2	0.0
-10°	29.7	22.2	15.9	10.4	6.2	2.2	0.0
-12.5°	29.3	21.9	15.7	10.3	6.1	2.1	0.0
-15°	28.8	21.7	15.5	10.2	6.0	2.1	0.0
-17.5°	28.3	21.3	15.3	10.1	5.9	2.1	0.0
-20°	27.6	20.9	15.0	9.9	5.8	2.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.9	20.4	14.7	9.7	5.6	2.0	0.0
-25°	26.1	19.9	14.3	9.5	5.5	2.0	0.0
-27.5°	25.3	19.2	13.9	9.2	5.3	2.0	0.0
-30°	24.3	18.5	13.5	8.9	5.1	1.9	0.0
-32.5°	23.3	17.8	12.9	8.6	4.9	1.9	0.0
-35°	22.3	17.0	12.4	8.2	4.7	1.8	0.0
-37.5°	21.3	16.1	11.8	7.9	4.5	1.7	0.0
-40°	20.2	15.4	11.2	7.5	4.3	1.7	0.0
-42.5°	19.0	14.5	10.6	7.0	4.1	1.6	0.0
-45°	17.8	13.7	10.0	6.6	3.8	1.6	0.0
-47.5°	16.4	12.8	9.4	6.1	3.6	1.5	0.0
-50°	15.3	11.8	8.7	5.7	3.3	1.4	0.0
-52.5°	14.1	10.9	8.1	5.4	3.0	1.3	0.0
-55°	12.9	10.0	7.5	5.0	2.8	1.3	0.0
-57.5°	11.7	9.2	6.8	4.5	2.5	1.2	0.0
-60°	10.5	8.4	6.1	4.1	2.2	1.1	0.0
-62.5°	9.5	7.5	5.5	3.7	2.0	1.0	0.0
-65°	8.5	6.7	4.9	3.2	1.9	0.9	0.0
-67.5°	7.5	5.9	4.3	2.8	1.7	0.8	0.0
-70°	6.5	5.0	3.6	2.3	1.5	0.8	0.0
-72.5°	5.5	4.2	3.0	2.0	1.3	0.7	0.0
-75°	4.4	3.4	2.3	1.7	1.1	0.6	0.0
-77.5°	3.4	2.5	1.9	1.4	1.0	0.5	0.0
-80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	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)