

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: P558516 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558516 (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-SA1B-940-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

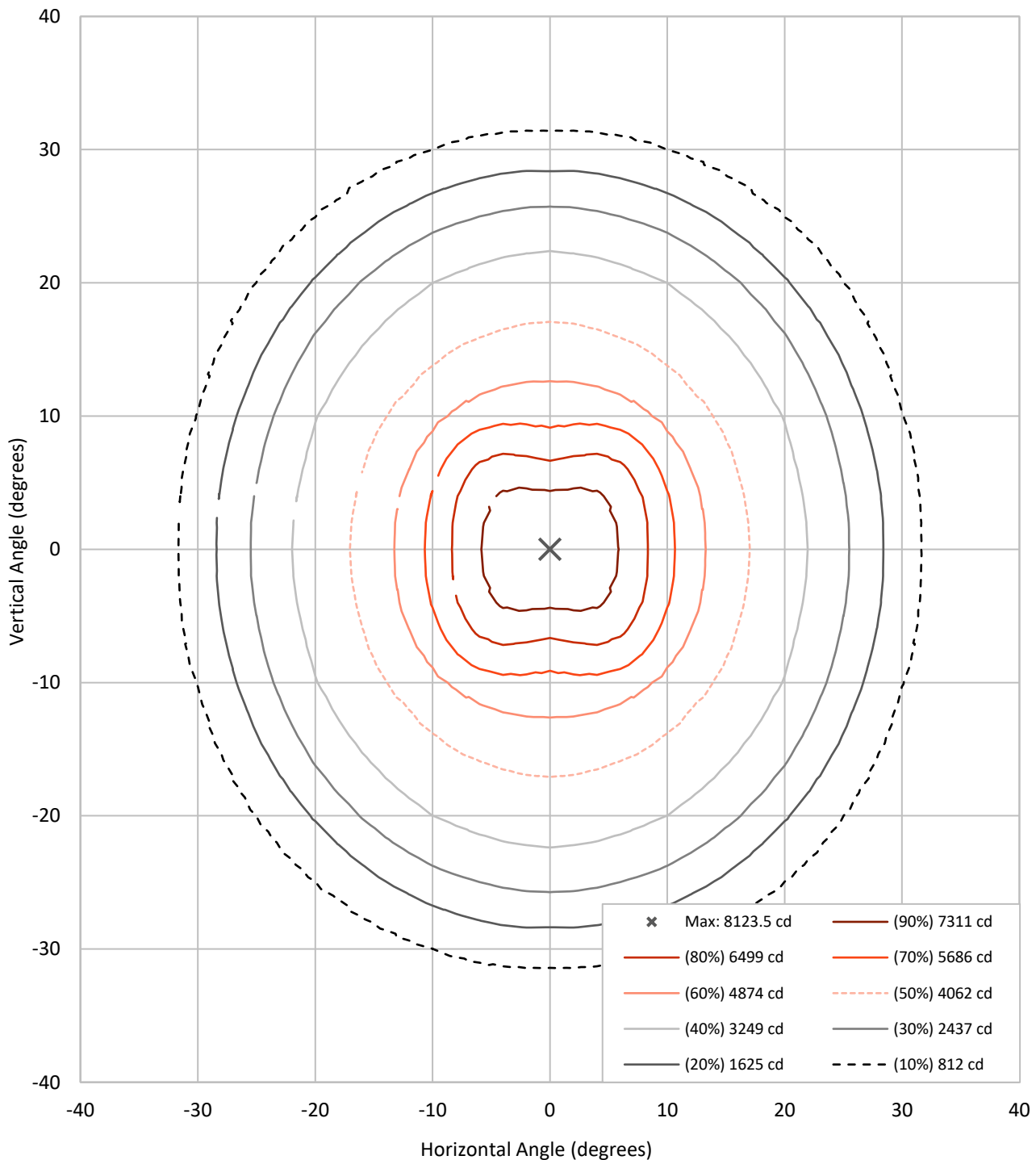
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3593.6 lumens	Max Intensity:	8123.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1530.6 lumens	Field Lumens:	3128.3 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 33
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





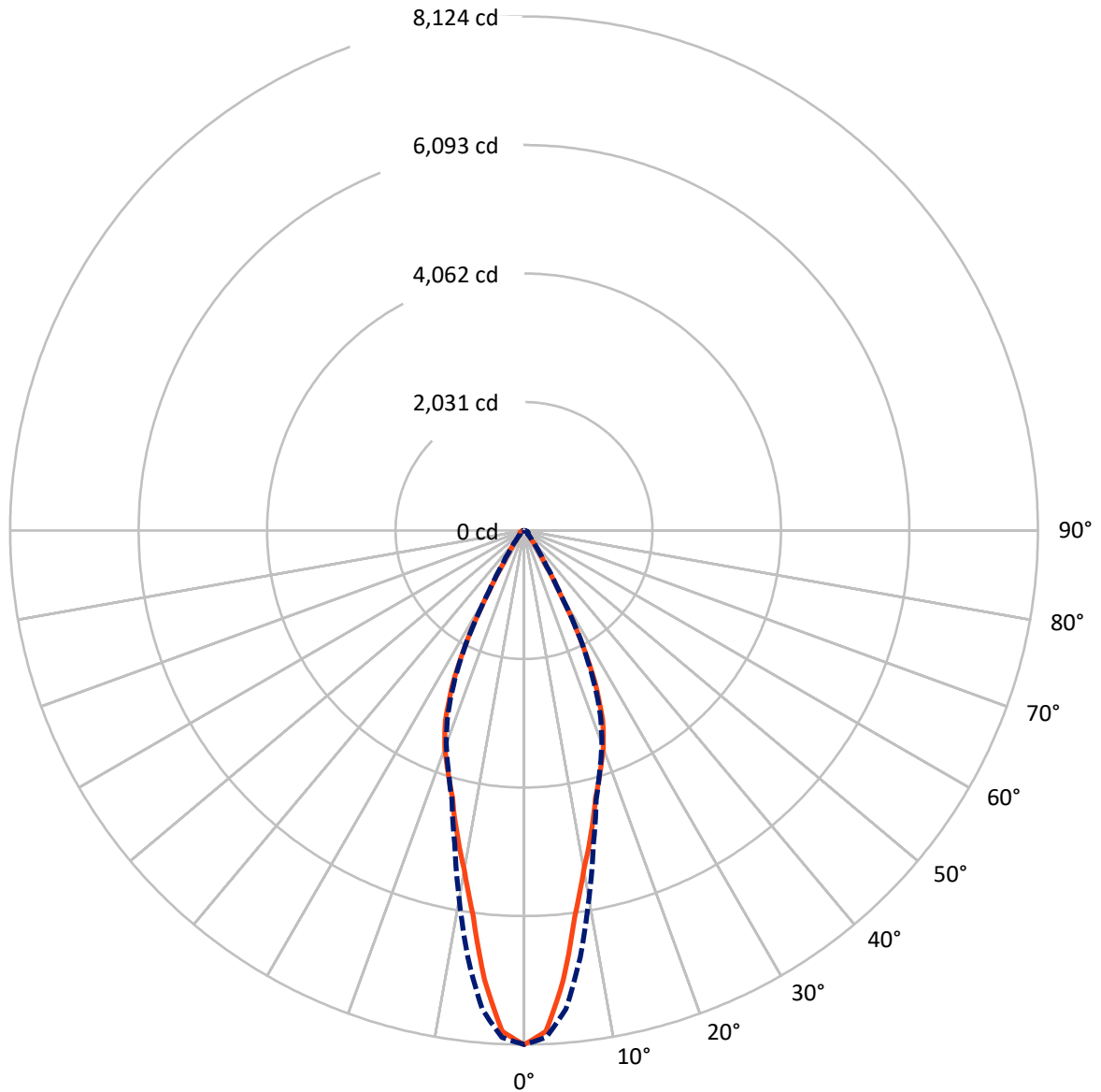
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Lumen Table

90																			
80	0.0	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.0			
70																			
60	0.2	0.2	0.5	0.8	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.8	0.5	0.2	0.2			
50		0.3	0.7	1.3	1.7	2.0	2.1	2.1	2.1	2.1	2.0	1.7	1.3	0.7	0.3				
40	0.3	0.5	1.0	1.5	1.8	2.2	2.8	3.3	3.3	2.8	2.2	1.8	1.5	1.0	0.5	0.3			
30		0.6	1.2	1.5	2.3	4.6	8.7	13.3	13.3	8.7	4.6	2.3	1.5	1.2	0.6				
20	0.5	0.7	1.2	1.7	4.2	14.0	44.0	72.4	72.4	44.0	14.0	4.2	1.7	1.2	0.7	0.5			
10		0.8	1.2	2.1	7.9	41.4	97.9	129.7	129.7	97.9	41.4	7.9	2.1	1.2	0.8				
0	0.5	0.8	1.2	2.5	11.9	65.3	127.4	201.0	201.0	127.4	65.3	11.9	2.5	1.2	0.8	0.5			
-10		0.8	1.2	2.5	11.9	65.3	127.4	201.0	201.0	127.4	65.3	11.9	2.5	1.2	0.8				
-20	0.5	0.8	1.2	2.1	7.9	41.4	97.9	129.7	129.7	97.9	41.4	7.9	2.1	1.2	0.8	0.5			
-30		0.7	1.2	1.7	4.2	14.0	44.0	72.4	72.4	44.0	14.0	4.2	1.7	1.2	0.7				
-40	0.3	0.6	1.2	1.5	2.3	4.6	8.7	13.3	13.3	8.7	4.6	2.3	1.5	1.2	0.6	0.3			
-50		0.5	1.0	1.5	1.8	2.2	2.8	3.3	3.3	2.8	2.2	1.8	1.5	1.0	0.5				
-60	0.2	0.3	0.7	1.3	1.7	2.0	2.1	2.1	2.1	2.1	2.0	1.7	1.3	0.7	0.3	0.2			
-70		0.2	0.5	0.8	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.8	0.5	0.2				
-80	0.0	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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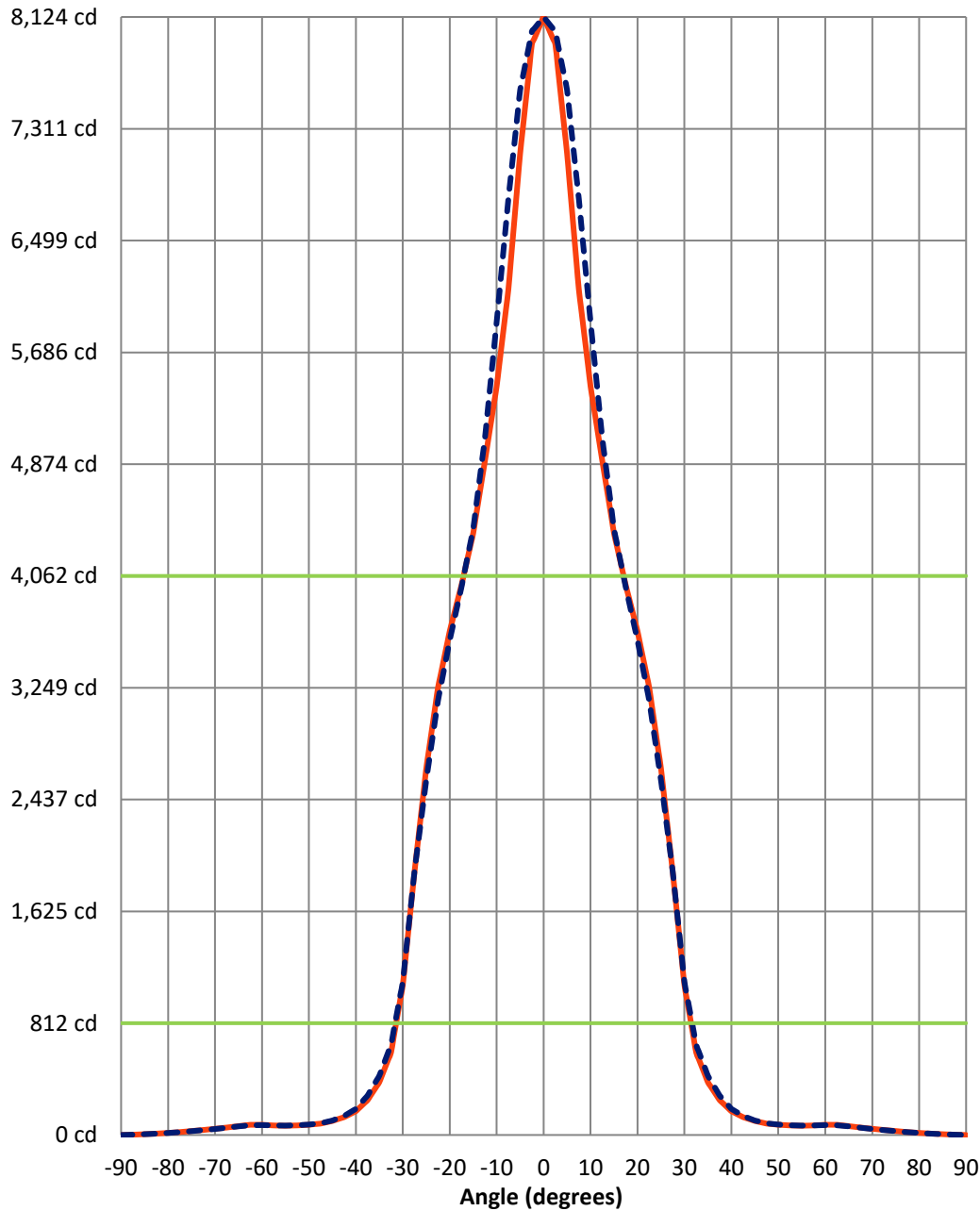
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 1530.6
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 3128.3
Efficiency: 87.1%

Spill:
Lumens: 465.3
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	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.6	3.0
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.8	3.4	3.9	4.4
77.5°	0.0	0.5	0.9	1.4	1.8	2.4	3.2	3.9	4.6	5.3	5.9
75°	0.0	0.5	1.1	1.6	2.2	3.1	4.1	5.0	5.8	6.7	7.6
72.5°	0.0	0.6	1.3	1.9	2.8	3.9	5.1	6.1	7.1	8.2	9.3
70°	0.0	0.7	1.4	2.2	3.4	4.7	6.0	7.2	8.4	9.6	11.3
67.5°	0.0	0.8	1.6	2.6	4.0	5.4	6.9	8.3	9.6	11.5	13.4
65°	0.0	0.9	1.8	3.0	4.5	6.2	7.8	9.3	11.3	13.4	15.6
62.5°	0.0	1.0	1.9	3.4	5.1	6.9	8.7	10.6	12.9	15.3	18.1
60°	0.0	1.0	2.1	3.8	5.6	7.7	9.6	12.0	14.5	17.5	20.6
57.5°	0.0	1.1	2.4	4.2	6.2	8.4	10.7	13.3	16.4	19.7	23.1
55°	0.0	1.2	2.6	4.6	6.8	9.2	11.9	14.7	18.3	21.9	25.6
52.5°	0.0	1.3	2.9	4.9	7.4	9.9	13.0	16.3	20.1	24.0	28.0
50°	0.0	1.3	3.1	5.3	8.0	10.8	14.1	17.8	21.9	26.1	30.5
47.5°	0.0	1.4	3.3	5.6	8.6	11.7	15.1	19.3	23.6	28.0	33.0
45°	0.0	1.5	3.6	6.0	9.1	12.6	16.3	20.7	25.3	30.2	35.5
42.5°	0.0	1.5	3.8	6.4	9.7	13.4	17.5	22.1	26.9	32.3	38.0
40°	0.0	1.6	4.0	6.8	10.2	14.1	18.6	23.4	28.5	34.4	40.4
37.5°	0.0	1.7	4.2	7.2	10.8	14.9	19.6	24.7	30.2	36.4	42.7
35°	0.0	1.7	4.4	7.6	11.4	15.6	20.5	25.9	31.9	38.3	45.0
32.5°	0.0	1.8	4.6	7.9	11.9	16.4	21.4	27.1	33.4	40.1	47.1
30°	0.0	1.8	4.7	8.2	12.4	17.0	22.3	28.2	34.8	41.9	49.1
27.5°	0.0	1.9	4.9	8.4	12.8	17.7	23.2	29.3	36.2	43.5	50.9
25°	0.0	1.9	5.0	8.7	13.2	18.2	24.0	30.4	37.5	45.0	52.7
22.5°	0.0	1.9	5.2	8.9	13.5	18.8	24.7	31.4	38.6	46.3	54.4
20°	0.0	2.0	5.3	9.1	13.8	19.2	25.4	32.2	39.7	47.6	55.9
17.5°	0.0	2.0	5.4	9.2	14.1	19.6	25.9	33.0	40.6	48.7	57.3
15°	0.0	2.0	5.5	9.3	14.3	19.9	26.4	33.6	41.5	49.7	58.4
12.5°	0.0	2.1	5.6	9.4	14.5	20.2	26.9	34.2	42.1	50.5	59.4
10°	0.0	2.1	5.7	9.5	14.6	20.4	27.2	34.7	42.7	51.2	60.3
7.5°	0.0	2.1	5.8	9.6	14.7	20.5	27.5	35.0	43.0	51.8	61.1
5°	0.0	2.1	5.8	9.6	14.8	20.7	27.7	35.3	43.3	52.3	61.8
2.5°	0.0	2.1	5.9	9.6	14.8	20.7	27.9	35.4	43.4	52.6	62.4
0°	0.0	2.1	5.9	9.6	14.8	20.7	27.9	35.4	43.4	52.6	62.4
-2.5°	0.0	2.1	5.9	9.6	14.8	20.7	27.9	35.4	43.4	52.6	62.4
-5°	0.0	2.1	5.8	9.6	14.8	20.7	27.7	35.3	43.3	52.3	61.8
-7.5°	0.0	2.1	5.8	9.6	14.7	20.5	27.5	35.0	43.0	51.8	61.1
-10°	0.0	2.1	5.7	9.5	14.6	20.4	27.2	34.7	42.7	51.2	60.3
-12.5°	0.0	2.1	5.6	9.4	14.5	20.2	26.9	34.2	42.1	50.5	59.4
-15°	0.0	2.0	5.5	9.3	14.3	19.9	26.4	33.6	41.5	49.7	58.4
-17.5°	0.0	2.0	5.4	9.2	14.1	19.6	25.9	33.0	40.6	48.7	57.3
-20°	0.0	2.0	5.3	9.1	13.8	19.2	25.4	32.2	39.7	47.6	55.9



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 CATALOG NUMBER: GFLD-SA1B-940-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	1.9	5.2	8.9	13.5	18.8	24.7	31.4	38.6	46.3	54.4
-25°	0.0	1.9	5.0	8.7	13.2	18.2	24.0	30.4	37.5	45.0	52.7
-27.5°	0.0	1.9	4.9	8.4	12.8	17.7	23.2	29.3	36.2	43.5	50.9
-30°	0.0	1.8	4.7	8.2	12.4	17.0	22.3	28.2	34.8	41.9	49.1
-32.5°	0.0	1.8	4.6	7.9	11.9	16.4	21.4	27.1	33.4	40.1	47.1
-35°	0.0	1.7	4.4	7.6	11.4	15.6	20.5	25.9	31.9	38.3	45.0
-37.5°	0.0	1.7	4.2	7.2	10.8	14.9	19.6	24.7	30.2	36.4	42.7
-40°	0.0	1.6	4.0	6.8	10.2	14.1	18.6	23.4	28.5	34.4	40.4
-42.5°	0.0	1.5	3.8	6.4	9.7	13.4	17.5	22.1	26.9	32.3	38.0
-45°	0.0	1.5	3.6	6.0	9.1	12.6	16.3	20.7	25.3	30.2	35.5
-47.5°	0.0	1.4	3.3	5.6	8.6	11.7	15.1	19.3	23.6	28.0	33.0
-50°	0.0	1.3	3.1	5.3	8.0	10.8	14.1	17.8	21.9	26.1	30.5
-52.5°	0.0	1.3	2.9	4.9	7.4	9.9	13.0	16.3	20.1	24.0	28.0
-55°	0.0	1.2	2.6	4.6	6.8	9.2	11.9	14.7	18.3	21.9	25.6
-57.5°	0.0	1.1	2.4	4.2	6.2	8.4	10.7	13.3	16.4	19.7	23.1
-60°	0.0	1.0	2.1	3.8	5.6	7.7	9.6	12.0	14.5	17.5	20.6
-62.5°	0.0	1.0	1.9	3.4	5.1	6.9	8.7	10.6	12.9	15.3	18.1
-65°	0.0	0.9	1.8	3.0	4.5	6.2	7.8	9.3	11.3	13.4	15.6
-67.5°	0.0	0.8	1.6	2.6	4.0	5.4	6.9	8.3	9.6	11.5	13.4
-70°	0.0	0.7	1.4	2.2	3.4	4.7	6.0	7.2	8.4	9.6	11.3
-72.5°	0.0	0.6	1.3	1.9	2.8	3.9	5.1	6.1	7.1	8.2	9.3
-75°	0.0	0.5	1.1	1.6	2.2	3.1	4.1	5.0	5.8	6.7	7.6
-77.5°	0.0	0.5	0.9	1.4	1.8	2.4	3.2	3.9	4.6	5.3	5.9
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.8	3.4	3.9	4.4
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.6	3.0
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	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-SA1B-940-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	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9
82.5°	3.4	3.8	4.2	4.5	4.8	5.1	5.4	5.8	6.2	6.6	7.0
80°	5.0	5.5	6.1	6.8	7.4	8.0	8.6	9.1	9.7	10.3	10.9
77.5°	6.7	7.6	8.4	9.3	10.2	11.1	12.1	13.1	13.9	14.7	15.4
75°	8.6	9.7	10.9	12.2	13.5	14.7	15.9	17.3	18.4	19.5	20.5
72.5°	10.7	12.2	13.7	15.3	17.0	18.7	20.2	21.8	23.2	24.5	25.8
70°	13.0	14.7	16.8	18.9	20.9	22.7	24.6	26.3	27.9	29.6	31.5
67.5°	15.3	17.7	20.1	22.4	24.7	26.9	28.9	31.1	33.4	35.5	37.6
65°	18.1	20.8	23.5	26.1	28.6	31.2	33.9	36.4	39.0	41.5	43.8
62.5°	20.9	24.0	27.0	29.9	32.9	35.8	38.9	41.9	44.8	47.8	50.6
60°	23.8	27.2	30.4	33.8	37.1	40.7	44.1	47.6	51.1	54.5	57.8
57.5°	26.7	30.3	33.9	37.7	41.6	45.5	49.5	53.5	57.5	61.4	64.8
55°	29.5	33.4	37.5	41.8	46.2	50.6	55.1	59.7	64.0	67.3	70.4
52.5°	32.3	36.5	41.2	45.9	50.7	55.8	60.9	65.3	69.0	71.8	72.5
50°	35.1	39.9	44.9	50.0	55.4	61.0	65.9	70.0	72.1	72.9	72.4
47.5°	38.0	43.2	48.5	54.1	60.0	65.4	70.1	72.2	73.2	72.1	70.8
45°	41.0	46.5	52.1	58.2	64.1	69.3	71.9	73.4	72.1	70.8	69.9
42.5°	43.8	49.7	55.8	62.1	67.6	71.3	73.0	72.1	71.0	70.0	70.4
40°	46.6	52.8	59.5	65.4	70.4	72.3	72.0	70.9	70.2	70.7	72.1
37.5°	49.2	56.0	62.9	68.5	71.3	72.1	70.8	70.1	70.6	72.3	75.4
35°	51.8	59.1	65.6	70.4	72.3	71.0	70.1	70.0	71.8	75.1	79.7
32.5°	54.3	62.1	68.2	71.2	71.5	70.1	69.5	71.1	74.0	78.3	86.1
30°	56.8	64.3	70.1	72.0	70.7	69.6	70.0	72.3	76.2	83.5	96.0
27.5°	59.1	66.4	70.7	71.6	70.0	69.1	70.8	74.3	80.0	89.6	107.6
25°	61.2	68.2	71.3	70.9	69.5	69.5	71.8	76.0	83.9	99.6	124.1
22.5°	62.9	69.9	71.8	70.3	69.1	70.0	73.3	79.1	89.7	108.9	141.4
20°	64.3	70.3	71.7	69.7	68.6	70.4	74.6	82.2	97.5	123.5	160.8
17.5°	65.5	70.7	71.2	69.4	68.9	71.1	76.0	84.9	104.5	136.1	179.4
15°	66.7	71.1	70.8	69.1	69.2	72.1	78.2	90.1	112.8	147.9	196.2
12.5°	67.6	71.3	70.3	68.8	69.5	73.0	80.1	94.8	121.0	160.8	223.1
10°	68.4	71.6	70.0	68.6	69.6	73.6	81.6	98.5	127.3	171.7	245.6
7.5°	69.2	71.8	69.6	68.4	69.7	74.1	82.8	101.2	131.8	180.4	262.5
5°	69.7	71.9	69.4	68.3	69.9	74.6	83.7	103.0	134.6	186.8	273.7
2.5°	70.1	72.0	69.3	68.2	70.3	75.3	84.4	104.5	137.0	189.9	281.8
0°	70.3	72.0	69.3	68.2	70.6	75.8	84.8	105.1	138.2	189.9	286.7
-2.5°	70.1	72.0	69.3	68.2	70.3	75.3	84.4	104.5	137.0	189.9	281.8
-5°	69.7	71.9	69.4	68.3	69.9	74.6	83.7	103.0	134.6	186.8	273.7
-7.5°	69.2	71.8	69.6	68.4	69.7	74.1	82.8	101.2	131.8	180.4	262.5
-10°	68.4	71.6	70.0	68.6	69.6	73.6	81.6	98.5	127.3	171.7	245.6
-12.5°	67.6	71.3	70.3	68.8	69.5	73.0	80.1	94.8	121.0	160.8	223.1
-15°	66.7	71.1	70.8	69.1	69.2	72.1	78.2	90.1	112.8	147.9	196.2
-17.5°	65.5	70.7	71.2	69.4	68.9	71.1	76.0	84.9	104.5	136.1	179.4
-20°	64.3	70.3	71.7	69.7	68.6	70.4	74.6	82.2	97.5	123.5	160.8



REPORT NUMBER: P558516 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	62.9	69.9	71.8	70.3	69.1	70.0	73.3	79.1	89.7	108.9	141.4
-25°	61.2	68.2	71.3	70.9	69.5	69.5	71.8	76.0	83.9	99.6	124.1
-27.5°	59.1	66.4	70.7	71.6	70.0	69.1	70.8	74.3	80.0	89.6	107.6
-30°	56.8	64.3	70.1	72.0	70.7	69.6	70.0	72.3	76.2	83.5	96.0
-32.5°	54.3	62.1	68.2	71.2	71.5	70.1	69.5	71.1	74.0	78.3	86.1
-35°	51.8	59.1	65.6	70.4	72.3	71.0	70.1	70.0	71.8	75.1	79.7
-37.5°	49.2	56.0	62.9	68.5	71.3	72.1	70.8	70.1	70.6	72.3	75.4
-40°	46.6	52.8	59.5	65.4	70.4	72.3	72.0	70.9	70.2	70.7	72.1
-42.5°	43.8	49.7	55.8	62.1	67.6	71.3	73.0	72.1	71.0	70.0	70.4
-45°	41.0	46.5	52.1	58.2	64.1	69.3	71.9	73.4	72.1	70.8	69.9
-47.5°	38.0	43.2	48.5	54.1	60.0	65.4	70.1	72.2	73.2	72.1	70.8
-50°	35.1	39.9	44.9	50.0	55.4	61.0	65.9	70.0	72.1	72.9	72.4
-52.5°	32.3	36.5	41.2	45.9	50.7	55.8	60.9	65.3	69.0	71.8	72.5
-55°	29.5	33.4	37.5	41.8	46.2	50.6	55.1	59.7	64.0	67.3	70.4
-57.5°	26.7	30.3	33.9	37.7	41.6	45.5	49.5	53.5	57.5	61.4	64.8
-60°	23.8	27.2	30.4	33.8	37.1	40.7	44.1	47.6	51.1	54.5	57.8
-62.5°	20.9	24.0	27.0	29.9	32.9	35.8	38.9	41.9	44.8	47.8	50.6
-65°	18.1	20.8	23.5	26.1	28.6	31.2	33.9	36.4	39.0	41.5	43.8
-67.5°	15.3	17.7	20.1	22.4	24.7	26.9	28.9	31.1	33.4	35.5	37.6
-70°	13.0	14.7	16.8	18.9	20.9	22.7	24.6	26.3	27.9	29.6	31.5
-72.5°	10.7	12.2	13.7	15.3	17.0	18.7	20.2	21.8	23.2	24.5	25.8
-75°	8.6	9.7	10.9	12.2	13.5	14.7	15.9	17.3	18.4	19.5	20.5
-77.5°	6.7	7.6	8.4	9.3	10.2	11.1	12.1	13.1	13.9	14.7	15.4
-80°	5.0	5.5	6.1	6.8	7.4	8.0	8.6	9.1	9.7	10.3	10.9
-82.5°	3.4	3.8	4.2	4.5	4.8	5.1	5.4	5.8	6.2	6.6	7.0
-85°	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9
-87.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	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: P558516 (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°	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.8	1.9
85°	4.1	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
82.5°	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.4	9.5	9.7	9.8
80°	11.5	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.1	14.5	14.8
77.5°	16.1	16.8	17.5	18.1	18.6	19.2	19.7	20.1	20.5	20.8	21.1
75°	21.4	22.3	23.2	24.1	24.8	25.6	26.3	27.1	27.7	28.1	28.4
72.5°	27.1	28.4	29.4	30.5	31.4	32.4	33.4	34.2	35.0	35.6	36.0
70°	33.3	34.8	36.1	37.3	38.5	39.7	40.9	41.9	42.8	43.5	44.1
67.5°	39.6	41.4	43.0	44.6	46.2	47.7	49.1	50.4	51.6	52.5	53.2
65°	46.0	48.4	50.5	52.5	54.2	55.9	57.7	59.3	60.8	62.0	62.9
62.5°	53.4	56.0	58.5	60.7	62.6	64.2	65.8	67.4	68.7	70.0	71.3
60°	60.9	63.9	66.0	67.9	69.5	71.0	71.6	72.2	72.6	73.0	73.5
57.5°	67.5	70.0	71.8	72.3	72.6	73.0	72.8	72.2	71.5	70.9	70.4
55°	72.0	72.7	73.5	72.9	71.9	71.0	70.1	69.6	69.0	68.6	68.1
52.5°	73.3	72.5	71.7	70.8	70.1	69.4	68.6	68.8	69.0	69.1	69.2
50°	71.4	70.6	70.2	69.7	69.8	70.1	70.4	71.0	71.9	72.5	73.0
47.5°	70.1	69.6	70.2	71.1	71.9	73.4	74.7	76.0	78.0	79.6	80.9
45°	69.7	71.0	72.4	74.5	76.3	79.6	82.7	85.3	90.0	94.4	97.8
42.5°	71.7	73.9	76.4	80.5	85.0	90.8	98.2	104.5	111.8	118.6	123.5
40°	74.9	78.2	83.8	90.4	101.0	110.3	122.5	133.0	142.9	153.3	161.2
37.5°	79.6	85.8	96.1	108.2	124.1	139.3	156.3	172.7	186.7	207.8	224.3
35°	86.6	99.1	113.7	133.8	154.6	178.1	202.8	234.6	262.6	295.5	326.4
32.5°	99.2	116.1	139.1	166.3	194.0	234.4	272.6	324.3	370.7	428.7	491.1
30°	114.0	139.2	170.1	205.6	255.7	311.3	374.1	453.4	547.7	659.9	810.5
27.5°	134.4	166.8	205.7	263.2	334.2	408.8	520.1	653.4	896.4	1108.2	1388.8
25°	156.4	196.0	257.4	334.7	428.2	562.5	780.0	1057.5	1450.5	1826.2	2126.7
22.5°	181.7	239.6	317.0	413.3	564.6	824.6	1162.3	1650.9	2089.2	2468.2	2760.1
20°	209.7	282.3	386.4	533.6	791.2	1172.0	1714.0	2215.5	2663.2	2989.5	3247.4
17.5°	246.1	340.8	473.0	676.0	1071.4	1658.1	2217.0	2712.7	3102.1	3388.8	3617.5
15°	280.0	394.7	566.0	912.5	1452.0	2079.1	2652.0	3094.1	3431.1	3697.9	3903.5
12.5°	320.0	455.3	674.7	1116.7	1802.0	2426.5	2960.8	3373.7	3698.2	3948.4	4223.8
10°	355.7	520.4	830.5	1388.8	2089.4	2699.4	3218.3	3589.4	3914.9	4240.7	4653.8
7.5°	385.1	575.1	958.2	1618.4	2310.0	2901.3	3374.1	3744.8	4103.5	4538.7	5134.6
5°	408.5	616.3	1063.3	1791.8	2470.5	3045.4	3493.0	3868.9	4274.0	4856.2	5655.8
2.5°	424.2	643.2	1129.0	1896.6	2571.7	3128.1	3581.2	3950.0	4374.7	5033.9	5869.3
0°	430.4	655.7	1112.3	1915.5	2577.8	3155.0	3594.3	3980.3	4403.4	5063.6	5908.5
-2.5°	424.2	643.2	1129.0	1896.6	2571.7	3128.1	3581.2	3950.0	4374.7	5033.9	5869.3
-5°	408.5	616.3	1063.3	1791.8	2470.5	3045.4	3493.0	3868.9	4274.0	4856.2	5655.8
-7.5°	385.1	575.1	958.2	1618.4	2310.0	2901.3	3374.1	3744.8	4103.5	4538.7	5134.6
-10°	355.7	520.4	830.5	1388.8	2089.4	2699.4	3218.3	3589.4	3914.9	4240.7	4653.8
-12.5°	320.0	455.3	674.7	1116.7	1802.0	2426.5	2960.8	3373.7	3698.2	3948.4	4223.8
-15°	280.0	394.7	566.0	912.5	1452.0	2079.1	2652.0	3094.1	3431.1	3697.9	3903.5
-17.5°	246.1	340.8	473.0	676.0	1071.4	1658.1	2217.0	2712.7	3102.1	3388.8	3617.5
-20°	209.7	282.3	386.4	533.6	791.2	1172.0	1714.0	2215.5	2663.2	2989.5	3247.4



REPORT NUMBER: P558516 (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°	181.7	239.6	317.0	413.3	564.6	824.6	1162.3	1650.9	2089.2	2468.2	2760.1
-25°	156.4	196.0	257.4	334.7	428.2	562.5	780.0	1057.5	1450.5	1826.2	2126.7
-27.5°	134.4	166.8	205.7	263.2	334.2	408.8	520.1	653.4	896.4	1108.2	1388.8
-30°	114.0	139.2	170.1	205.6	255.7	311.3	374.1	453.4	547.7	659.9	810.5
-32.5°	99.2	116.1	139.1	166.3	194.0	234.4	272.6	324.3	370.7	428.7	491.1
-35°	86.6	99.1	113.7	133.8	154.6	178.1	202.8	234.6	262.6	295.5	326.4
-37.5°	79.6	85.8	96.1	108.2	124.1	139.3	156.3	172.7	186.7	207.8	224.3
-40°	74.9	78.2	83.8	90.4	101.0	110.3	122.5	133.0	142.9	153.3	161.2
-42.5°	71.7	73.9	76.4	80.5	85.0	90.8	98.2	104.5	111.8	118.6	123.5
-45°	69.7	71.0	72.4	74.5	76.3	79.6	82.7	85.3	90.0	94.4	97.8
-47.5°	70.1	69.6	70.2	71.1	71.9	73.4	74.7	76.0	78.0	79.6	80.9
-50°	71.4	70.6	70.2	69.7	69.8	70.1	70.4	71.0	71.9	72.5	73.0
-52.5°	73.3	72.5	71.7	70.8	70.1	69.4	68.6	68.8	69.0	69.1	69.2
-55°	72.0	72.7	73.5	72.9	71.9	71.0	70.1	69.6	69.0	68.6	68.1
-57.5°	67.5	70.0	71.8	72.3	72.6	73.0	72.8	72.2	71.5	70.9	70.4
-60°	60.9	63.9	66.0	67.9	69.5	71.0	71.6	72.2	72.6	73.0	73.5
-62.5°	53.4	56.0	58.5	60.7	62.6	64.2	65.8	67.4	68.7	70.0	71.3
-65°	46.0	48.4	50.5	52.5	54.2	55.9	57.7	59.3	60.8	62.0	62.9
-67.5°	39.6	41.4	43.0	44.6	46.2	47.7	49.1	50.4	51.6	52.5	53.2
-70°	33.3	34.8	36.1	37.3	38.5	39.7	40.9	41.9	42.8	43.5	44.1
-72.5°	27.1	28.4	29.4	30.5	31.4	32.4	33.4	34.2	35.0	35.6	36.0
-75°	21.4	22.3	23.2	24.1	24.8	25.6	26.3	27.1	27.7	28.1	28.4
-77.5°	16.1	16.8	17.5	18.1	18.6	19.2	19.7	20.1	20.5	20.8	21.1
-80°	11.5	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.1	14.5	14.8
-82.5°	7.4	7.8	8.1	8.4	8.7	9.0	9.2	9.4	9.5	9.7	9.8
-85°	4.1	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
-87.5°	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558516 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-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°	2.0	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.8	1.6	1.6
85°	5.4	5.5	5.7	5.9	5.7	5.5	5.4	5.4	5.3	5.2	5.1
82.5°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.5	9.4
80°	15.1	15.4	15.3	15.2	15.3	15.4	15.1	14.8	14.5	14.1	14.0
77.5°	21.2	21.3	21.2	21.0	21.2	21.3	21.2	21.1	20.8	20.5	20.1
75°	28.6	28.7	28.9	28.9	28.9	28.7	28.6	28.4	28.1	27.7	27.1
72.5°	36.4	36.7	36.7	36.5	36.7	36.7	36.4	36.0	35.6	35.0	34.2
70°	44.5	44.8	45.0	45.1	45.0	44.8	44.5	44.1	43.5	42.8	41.9
67.5°	53.6	53.8	54.0	54.1	54.0	53.8	53.6	53.2	52.5	51.6	50.4
65°	63.7	64.3	64.5	64.4	64.5	64.3	63.7	62.9	62.0	60.8	59.3
62.5°	72.5	73.5	74.0	74.1	74.0	73.5	72.5	71.3	70.0	68.7	67.4
60°	74.0	74.3	74.4	74.4	74.4	74.3	74.0	73.5	73.0	72.6	72.2
57.5°	70.0	69.6	69.4	69.3	69.4	69.6	70.0	70.4	70.9	71.5	72.2
55°	67.8	67.4	67.2	67.2	67.2	67.4	67.8	68.1	68.6	69.0	69.6
52.5°	69.3	69.2	69.4	69.6	69.4	69.2	69.3	69.2	69.1	69.0	68.8
50°	73.5	73.8	74.1	74.4	74.1	73.8	73.5	73.0	72.5	71.9	71.0
47.5°	81.8	82.2	82.5	82.7	82.5	82.2	81.8	80.9	79.6	78.0	76.0
45°	100.0	101.2	101.8	102.0	101.8	101.2	100.0	97.8	94.4	90.0	85.3
42.5°	126.8	128.7	129.5	129.6	129.5	128.7	126.8	123.5	118.6	111.8	104.5
40°	166.8	170.0	171.5	172.6	171.5	170.0	166.8	161.2	153.3	142.9	133.0
37.5°	236.7	244.8	249.3	253.3	249.3	244.8	236.7	224.3	207.8	186.7	172.7
35°	351.5	369.9	380.8	383.2	380.8	369.9	351.5	326.4	295.5	262.6	234.6
32.5°	539.1	575.2	596.8	599.6	596.8	575.2	539.1	491.1	428.7	370.7	324.3
30°	927.4	1028.7	1098.1	1088.5	1098.1	1028.7	927.4	810.5	659.9	547.7	453.4
27.5°	1618.8	1802.4	1921.7	1911.7	1921.7	1802.4	1618.8	1388.8	1108.2	896.4	653.4
25°	2357.7	2526.7	2626.4	2663.3	2626.4	2526.7	2357.7	2126.7	1826.2	1450.5	1057.5
22.5°	2961.1	3112.1	3198.4	3250.1	3198.4	3112.1	2961.1	2760.1	2468.2	2089.2	1650.9
20°	3423.4	3554.4	3628.6	3660.5	3628.6	3554.4	3423.4	3247.4	2989.5	2663.2	2215.5
17.5°	3779.0	3888.7	3972.8	3994.4	3972.8	3888.7	3779.0	3617.5	3388.8	3102.1	2712.7
15°	4093.6	4235.3	4334.4	4371.4	4334.4	4235.3	4093.6	3903.5	3697.9	3431.1	3094.1
12.5°	4490.3	4736.7	4867.7	4897.9	4867.7	4736.7	4490.3	4223.8	3948.4	3698.2	3373.7
10°	5076.7	5455.4	5498.3	5439.6	5498.3	5455.4	5076.7	4653.8	4240.7	3914.9	3589.4
7.5°	5930.6	6435.6	6326.4	6144.6	6326.4	6435.6	5930.6	5134.6	4538.7	4103.5	3744.8
5°	6541.8	7242.9	7264.6	7131.1	7264.6	7242.9	6541.8	5655.8	4856.2	4274.0	3868.9
2.5°	6785.0	7506.7	7866.0	7924.9	7866.0	7506.7	6785.0	5869.3	5033.9	4374.7	3950.0
0°	6803.3	7591.8	8017.7	8123.5	8017.7	7591.8	6803.3	5908.5	5063.6	4403.4	3980.3
-2.5°	6785.0	7506.7	7866.0	7924.9	7866.0	7506.7	6785.0	5869.3	5033.9	4374.7	3950.0
-5°	6541.8	7242.9	7264.6	7131.1	7264.6	7242.9	6541.8	5655.8	4856.2	4274.0	3868.9
-7.5°	5930.6	6435.6	6326.4	6144.6	6326.4	6435.6	5930.6	5134.6	4538.7	4103.5	3744.8
-10°	5076.7	5455.4	5498.3	5439.6	5498.3	5455.4	5076.7	4653.8	4240.7	3914.9	3589.4
-12.5°	4490.3	4736.7	4867.7	4897.9	4867.7	4736.7	4490.3	4223.8	3948.4	3698.2	3373.7
-15°	4093.6	4235.3	4334.4	4371.4	4334.4	4235.3	4093.6	3903.5	3697.9	3431.1	3094.1
-17.5°	3779.0	3888.7	3972.8	3994.4	3972.8	3888.7	3779.0	3617.5	3388.8	3102.1	2712.7
-20°	3423.4	3554.4	3628.6	3660.5	3628.6	3554.4	3423.4	3247.4	2989.5	2663.2	2215.5



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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°	2961.1	3112.1	3198.4	3250.1	3198.4	3112.1	2961.1	2760.1	2468.2	2089.2	1650.9
-25°	2357.7	2526.7	2626.4	2663.3	2626.4	2526.7	2357.7	2126.7	1826.2	1450.5	1057.5
-27.5°	1618.8	1802.4	1921.7	1911.7	1921.7	1802.4	1618.8	1388.8	1108.2	896.4	653.4
-30°	927.4	1028.7	1098.1	1088.5	1098.1	1028.7	927.4	810.5	659.9	547.7	453.4
-32.5°	539.1	575.2	596.8	599.6	596.8	575.2	539.1	491.1	428.7	370.7	324.3
-35°	351.5	369.9	380.8	383.2	380.8	369.9	351.5	326.4	295.5	262.6	234.6
-37.5°	236.7	244.8	249.3	253.3	249.3	244.8	236.7	224.3	207.8	186.7	172.7
-40°	166.8	170.0	171.5	172.6	171.5	170.0	166.8	161.2	153.3	142.9	133.0
-42.5°	126.8	128.7	129.5	129.6	129.5	128.7	126.8	123.5	118.6	111.8	104.5
-45°	100.0	101.2	101.8	102.0	101.8	101.2	100.0	97.8	94.4	90.0	85.3
-47.5°	81.8	82.2	82.5	82.7	82.5	82.2	81.8	80.9	79.6	78.0	76.0
-50°	73.5	73.8	74.1	74.4	74.1	73.8	73.5	73.0	72.5	71.9	71.0
-52.5°	69.3	69.2	69.4	69.6	69.4	69.2	69.3	69.2	69.1	69.0	68.8
-55°	67.8	67.4	67.2	67.2	67.2	67.4	67.8	68.1	68.6	69.0	69.6
-57.5°	70.0	69.6	69.4	69.3	69.4	69.6	70.0	70.4	70.9	71.5	72.2
-60°	74.0	74.3	74.4	74.4	74.4	74.3	74.0	73.5	73.0	72.6	72.2
-62.5°	72.5	73.5	74.0	74.1	74.0	73.5	72.5	71.3	70.0	68.7	67.4
-65°	63.7	64.3	64.5	64.4	64.5	64.3	63.7	62.9	62.0	60.8	59.3
-67.5°	53.6	53.8	54.0	54.1	54.0	53.8	53.6	53.2	52.5	51.6	50.4
-70°	44.5	44.8	45.0	45.1	45.0	44.8	44.5	44.1	43.5	42.8	41.9
-72.5°	36.4	36.7	36.7	36.5	36.7	36.7	36.4	36.0	35.6	35.0	34.2
-75°	28.6	28.7	28.9	28.9	28.9	28.7	28.6	28.4	28.1	27.7	27.1
-77.5°	21.2	21.3	21.2	21.0	21.2	21.3	21.2	21.1	20.8	20.5	20.1
-80°	15.1	15.4	15.3	15.2	15.3	15.4	15.1	14.8	14.5	14.1	14.0
-82.5°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.5	9.4
-85°	5.4	5.5	5.7	5.9	5.7	5.5	5.4	5.4	5.3	5.2	5.1
-87.5°	2.0	2.1	2.1	2.1	2.1	2.1	2.0	1.9	1.8	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



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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°	1.6	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5
85°	5.0	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.4
82.5°	9.2	9.0	8.7	8.4	8.1	7.8	7.4	7.0	6.6	6.2	5.8
80°	13.8	13.5	13.2	12.9	12.5	12.0	11.5	10.9	10.3	9.7	9.1
77.5°	19.7	19.2	18.6	18.1	17.5	16.8	16.1	15.4	14.7	13.9	13.1
75°	26.3	25.6	24.8	24.1	23.2	22.3	21.4	20.5	19.5	18.4	17.3
72.5°	33.4	32.4	31.4	30.5	29.4	28.4	27.1	25.8	24.5	23.2	21.8
70°	40.9	39.7	38.5	37.3	36.1	34.8	33.3	31.5	29.6	27.9	26.3
67.5°	49.1	47.7	46.2	44.6	43.0	41.4	39.6	37.6	35.5	33.4	31.1
65°	57.7	55.9	54.2	52.5	50.5	48.4	46.0	43.8	41.5	39.0	36.4
62.5°	65.8	64.2	62.6	60.7	58.5	56.0	53.4	50.6	47.8	44.8	41.9
60°	71.6	71.0	69.5	67.9	66.0	63.9	60.9	57.8	54.5	51.1	47.6
57.5°	72.8	73.0	72.6	72.3	71.8	70.0	67.5	64.8	61.4	57.5	53.5
55°	70.1	71.0	71.9	72.9	73.5	72.7	72.0	70.4	67.3	64.0	59.7
52.5°	68.6	69.4	70.1	70.8	71.7	72.5	73.3	72.5	71.8	69.0	65.3
50°	70.4	70.1	69.8	69.7	70.2	70.6	71.4	72.4	72.9	72.1	70.0
47.5°	74.7	73.4	71.9	71.1	70.2	69.6	70.1	70.8	72.1	73.2	72.2
45°	82.7	79.6	76.3	74.5	72.4	71.0	69.7	69.9	70.8	72.1	73.4
42.5°	98.2	90.8	85.0	80.5	76.4	73.9	71.7	70.4	70.0	71.0	72.1
40°	122.5	110.3	101.0	90.4	83.8	78.2	74.9	72.1	70.7	70.2	70.9
37.5°	156.3	139.3	124.1	108.2	96.1	85.8	79.6	75.4	72.3	70.6	70.1
35°	202.8	178.1	154.6	133.8	113.7	99.1	86.6	79.7	75.1	71.8	70.0
32.5°	272.6	234.4	194.0	166.3	139.1	116.1	99.2	86.1	78.3	74.0	71.1
30°	374.1	311.3	255.7	205.6	170.1	139.2	114.0	96.0	83.5	76.2	72.3
27.5°	520.1	408.8	334.2	263.2	205.7	166.8	134.4	107.6	89.6	80.0	74.3
25°	780.0	562.5	428.2	334.7	257.4	196.0	156.4	124.1	99.6	83.9	76.0
22.5°	1162.3	824.6	564.6	413.3	317.0	239.6	181.7	141.4	108.9	89.7	79.1
20°	1714.0	1172.0	791.2	533.6	386.4	282.3	209.7	160.8	123.5	97.5	82.2
17.5°	2217.0	1658.1	1071.4	676.0	473.0	340.8	246.1	179.4	136.1	104.5	84.9
15°	2652.0	2079.1	1452.0	912.5	566.0	394.7	280.0	196.2	147.9	112.8	90.1
12.5°	2960.8	2426.5	1802.0	1116.7	674.7	455.3	320.0	223.1	160.8	121.0	94.8
10°	3218.3	2699.4	2089.4	1388.8	830.5	520.4	355.7	245.6	171.7	127.3	98.5
7.5°	3374.1	2901.3	2310.0	1618.4	958.2	575.1	385.1	262.5	180.4	131.8	101.2
5°	3493.0	3045.4	2470.5	1791.8	1063.3	616.3	408.5	273.7	186.8	134.6	103.0
2.5°	3581.2	3128.1	2571.7	1896.6	1129.0	643.2	424.2	281.8	189.9	137.0	104.5
0°	3594.3	3155.0	2577.8	1915.5	1112.3	655.7	430.4	286.7	189.9	138.2	105.1
-2.5°	3581.2	3128.1	2571.7	1896.6	1129.0	643.2	424.2	281.8	189.9	137.0	104.5
-5°	3493.0	3045.4	2470.5	1791.8	1063.3	616.3	408.5	273.7	186.8	134.6	103.0
-7.5°	3374.1	2901.3	2310.0	1618.4	958.2	575.1	385.1	262.5	180.4	131.8	101.2
-10°	3218.3	2699.4	2089.4	1388.8	830.5	520.4	355.7	245.6	171.7	127.3	98.5
-12.5°	2960.8	2426.5	1802.0	1116.7	674.7	455.3	320.0	223.1	160.8	121.0	94.8
-15°	2652.0	2079.1	1452.0	912.5	566.0	394.7	280.0	196.2	147.9	112.8	90.1
-17.5°	2217.0	1658.1	1071.4	676.0	473.0	340.8	246.1	179.4	136.1	104.5	84.9
-20°	1714.0	1172.0	791.2	533.6	386.4	282.3	209.7	160.8	123.5	97.5	82.2



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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°	1162.3	824.6	564.6	413.3	317.0	239.6	181.7	141.4	108.9	89.7	79.1
-25°	780.0	562.5	428.2	334.7	257.4	196.0	156.4	124.1	99.6	83.9	76.0
-27.5°	520.1	408.8	334.2	263.2	205.7	166.8	134.4	107.6	89.6	80.0	74.3
-30°	374.1	311.3	255.7	205.6	170.1	139.2	114.0	96.0	83.5	76.2	72.3
-32.5°	272.6	234.4	194.0	166.3	139.1	116.1	99.2	86.1	78.3	74.0	71.1
-35°	202.8	178.1	154.6	133.8	113.7	99.1	86.6	79.7	75.1	71.8	70.0
-37.5°	156.3	139.3	124.1	108.2	96.1	85.8	79.6	75.4	72.3	70.6	70.1
-40°	122.5	110.3	101.0	90.4	83.8	78.2	74.9	72.1	70.7	70.2	70.9
-42.5°	98.2	90.8	85.0	80.5	76.4	73.9	71.7	70.4	70.0	71.0	72.1
-45°	82.7	79.6	76.3	74.5	72.4	71.0	69.7	69.9	70.8	72.1	73.4
-47.5°	74.7	73.4	71.9	71.1	70.2	69.6	70.1	70.8	72.1	73.2	72.2
-50°	70.4	70.1	69.8	69.7	70.2	70.6	71.4	72.4	72.9	72.1	70.0
-52.5°	68.6	69.4	70.1	70.8	71.7	72.5	73.3	72.5	71.8	69.0	65.3
-55°	70.1	71.0	71.9	72.9	73.5	72.7	72.0	70.4	67.3	64.0	59.7
-57.5°	72.8	73.0	72.6	72.3	71.8	70.0	67.5	64.8	61.4	57.5	53.5
-60°	71.6	71.0	69.5	67.9	66.0	63.9	60.9	57.8	54.5	51.1	47.6
-62.5°	65.8	64.2	62.6	60.7	58.5	56.0	53.4	50.6	47.8	44.8	41.9
-65°	57.7	55.9	54.2	52.5	50.5	48.4	46.0	43.8	41.5	39.0	36.4
-67.5°	49.1	47.7	46.2	44.6	43.0	41.4	39.6	37.6	35.5	33.4	31.1
-70°	40.9	39.7	38.5	37.3	36.1	34.8	33.3	31.5	29.6	27.9	26.3
-72.5°	33.4	32.4	31.4	30.5	29.4	28.4	27.1	25.8	24.5	23.2	21.8
-75°	26.3	25.6	24.8	24.1	23.2	22.3	21.4	20.5	19.5	18.4	17.3
-77.5°	19.7	19.2	18.6	18.1	17.5	16.8	16.1	15.4	14.7	13.9	13.1
-80°	13.8	13.5	13.2	12.9	12.5	12.0	11.5	10.9	10.3	9.7	9.1
-82.5°	9.2	9.0	8.7	8.4	8.1	7.8	7.4	7.0	6.6	6.2	5.8
-85°	5.0	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.4
-87.5°	1.6	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558516 (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°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
85°	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.8	1.6	1.4	1.3
82.5°	5.4	5.1	4.8	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.9
80°	8.6	8.0	7.4	6.8	6.1	5.5	5.0	4.4	3.9	3.4	2.8
77.5°	12.1	11.1	10.2	9.3	8.4	7.6	6.7	5.9	5.3	4.6	3.9
75°	15.9	14.7	13.5	12.2	10.9	9.7	8.6	7.6	6.7	5.8	5.0
72.5°	20.2	18.7	17.0	15.3	13.7	12.2	10.7	9.3	8.2	7.1	6.1
70°	24.6	22.7	20.9	18.9	16.8	14.7	13.0	11.3	9.6	8.4	7.2
67.5°	28.9	26.9	24.7	22.4	20.1	17.7	15.3	13.4	11.5	9.6	8.3
65°	33.9	31.2	28.6	26.1	23.5	20.8	18.1	15.6	13.4	11.3	9.3
62.5°	38.9	35.8	32.9	29.9	27.0	24.0	20.9	18.1	15.3	12.9	10.6
60°	44.1	40.7	37.1	33.8	30.4	27.2	23.8	20.6	17.5	14.5	12.0
57.5°	49.5	45.5	41.6	37.7	33.9	30.3	26.7	23.1	19.7	16.4	13.3
55°	55.1	50.6	46.2	41.8	37.5	33.4	29.5	25.6	21.9	18.3	14.7
52.5°	60.9	55.8	50.7	45.9	41.2	36.5	32.3	28.0	24.0	20.1	16.3
50°	65.9	61.0	55.4	50.0	44.9	39.9	35.1	30.5	26.1	21.9	17.8
47.5°	70.1	65.4	60.0	54.1	48.5	43.2	38.0	33.0	28.0	23.6	19.3
45°	71.9	69.3	64.1	58.2	52.1	46.5	41.0	35.5	30.2	25.3	20.7
42.5°	73.0	71.3	67.6	62.1	55.8	49.7	43.8	38.0	32.3	26.9	22.1
40°	72.0	72.3	70.4	65.4	59.5	52.8	46.6	40.4	34.4	28.5	23.4
37.5°	70.8	72.1	71.3	68.5	62.9	56.0	49.2	42.7	36.4	30.2	24.7
35°	70.1	71.0	72.3	70.4	65.6	59.1	51.8	45.0	38.3	31.9	25.9
32.5°	69.5	70.1	71.5	71.2	68.2	62.1	54.3	47.1	40.1	33.4	27.1
30°	70.0	69.6	70.7	72.0	70.1	64.3	56.8	49.1	41.9	34.8	28.2
27.5°	70.8	69.1	70.0	71.6	70.7	66.4	59.1	50.9	43.5	36.2	29.3
25°	71.8	69.5	69.5	70.9	71.3	68.2	61.2	52.7	45.0	37.5	30.4
22.5°	73.3	70.0	69.1	70.3	71.8	69.9	62.9	54.4	46.3	38.6	31.4
20°	74.6	70.4	68.6	69.7	71.7	70.3	64.3	55.9	47.6	39.7	32.2
17.5°	76.0	71.1	68.9	69.4	71.2	70.7	65.5	57.3	48.7	40.6	33.0
15°	78.2	72.1	69.2	69.1	70.8	71.1	66.7	58.4	49.7	41.5	33.6
12.5°	80.1	73.0	69.5	68.8	70.3	71.3	67.6	59.4	50.5	42.1	34.2
10°	81.6	73.6	69.6	68.6	70.0	71.6	68.4	60.3	51.2	42.7	34.7
7.5°	82.8	74.1	69.7	68.4	69.6	71.8	69.2	61.1	51.8	43.0	35.0
5°	83.7	74.6	69.9	68.3	69.4	71.9	69.7	61.8	52.3	43.3	35.3
2.5°	84.4	75.3	70.3	68.2	69.3	72.0	70.1	62.4	52.6	43.4	35.4
0°	84.8	75.8	70.6	68.2	69.3	72.0	70.3	62.7	52.7	43.4	35.5
-2.5°	84.4	75.3	70.3	68.2	69.3	72.0	70.1	62.4	52.6	43.4	35.4
-5°	83.7	74.6	69.9	68.3	69.4	71.9	69.7	61.8	52.3	43.3	35.3
-7.5°	82.8	74.1	69.7	68.4	69.6	71.8	69.2	61.1	51.8	43.0	35.0
-10°	81.6	73.6	69.6	68.6	70.0	71.6	68.4	60.3	51.2	42.7	34.7
-12.5°	80.1	73.0	69.5	68.8	70.3	71.3	67.6	59.4	50.5	42.1	34.2
-15°	78.2	72.1	69.2	69.1	70.8	71.1	66.7	58.4	49.7	41.5	33.6
-17.5°	76.0	71.1	68.9	69.4	71.2	70.7	65.5	57.3	48.7	40.6	33.0
-20°	74.6	70.4	68.6	69.7	71.7	70.3	64.3	55.9	47.6	39.7	32.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	73.3	70.0	69.1	70.3	71.8	69.9	62.9	54.4	46.3	38.6	31.4
-25°	71.8	69.5	69.5	70.9	71.3	68.2	61.2	52.7	45.0	37.5	30.4
-27.5°	70.8	69.1	70.0	71.6	70.7	66.4	59.1	50.9	43.5	36.2	29.3
-30°	70.0	69.6	70.7	72.0	70.1	64.3	56.8	49.1	41.9	34.8	28.2
-32.5°	69.5	70.1	71.5	71.2	68.2	62.1	54.3	47.1	40.1	33.4	27.1
-35°	70.1	71.0	72.3	70.4	65.6	59.1	51.8	45.0	38.3	31.9	25.9
-37.5°	70.8	72.1	71.3	68.5	62.9	56.0	49.2	42.7	36.4	30.2	24.7
-40°	72.0	72.3	70.4	65.4	59.5	52.8	46.6	40.4	34.4	28.5	23.4
-42.5°	73.0	71.3	67.6	62.1	55.8	49.7	43.8	38.0	32.3	26.9	22.1
-45°	71.9	69.3	64.1	58.2	52.1	46.5	41.0	35.5	30.2	25.3	20.7
-47.5°	70.1	65.4	60.0	54.1	48.5	43.2	38.0	33.0	28.0	23.6	19.3
-50°	65.9	61.0	55.4	50.0	44.9	39.9	35.1	30.5	26.1	21.9	17.8
-52.5°	60.9	55.8	50.7	45.9	41.2	36.5	32.3	28.0	24.0	20.1	16.3
-55°	55.1	50.6	46.2	41.8	37.5	33.4	29.5	25.6	21.9	18.3	14.7
-57.5°	49.5	45.5	41.6	37.7	33.9	30.3	26.7	23.1	19.7	16.4	13.3
-60°	44.1	40.7	37.1	33.8	30.4	27.2	23.8	20.6	17.5	14.5	12.0
-62.5°	38.9	35.8	32.9	29.9	27.0	24.0	20.9	18.1	15.3	12.9	10.6
-65°	33.9	31.2	28.6	26.1	23.5	20.8	18.1	15.6	13.4	11.3	9.3
-67.5°	28.9	26.9	24.7	22.4	20.1	17.7	15.3	13.4	11.5	9.6	8.3
-70°	24.6	22.7	20.9	18.9	16.8	14.7	13.0	11.3	9.6	8.4	7.2
-72.5°	20.2	18.7	17.0	15.3	13.7	12.2	10.7	9.3	8.2	7.1	6.1
-75°	15.9	14.7	13.5	12.2	10.9	9.7	8.6	7.6	6.7	5.8	5.0
-77.5°	12.1	11.1	10.2	9.3	8.4	7.6	6.7	5.9	5.3	4.6	3.9
-80°	8.6	8.0	7.4	6.8	6.1	5.5	5.0	4.4	3.9	3.4	2.8
-82.5°	5.4	5.1	4.8	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.9
-85°	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.8	1.6	1.4	1.3
-87.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
-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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	3.2	2.4	1.8	1.4	0.9	0.5	0.0
75°	4.1	3.1	2.2	1.6	1.1	0.5	0.0
72.5°	5.1	3.9	2.8	1.9	1.3	0.6	0.0
70°	6.0	4.7	3.4	2.2	1.4	0.7	0.0
67.5°	6.9	5.4	4.0	2.6	1.6	0.8	0.0
65°	7.8	6.2	4.5	3.0	1.8	0.9	0.0
62.5°	8.7	6.9	5.1	3.4	1.9	1.0	0.0
60°	9.6	7.7	5.6	3.8	2.1	1.0	0.0
57.5°	10.7	8.4	6.2	4.2	2.4	1.1	0.0
55°	11.9	9.2	6.8	4.6	2.6	1.2	0.0
52.5°	13.0	9.9	7.4	4.9	2.9	1.3	0.0
50°	14.1	10.8	8.0	5.3	3.1	1.3	0.0
47.5°	15.1	11.7	8.6	5.6	3.3	1.4	0.0
45°	16.3	12.6	9.1	6.0	3.6	1.5	0.0
42.5°	17.5	13.4	9.7	6.4	3.8	1.5	0.0
40°	18.6	14.1	10.2	6.8	4.0	1.6	0.0
37.5°	19.6	14.9	10.8	7.2	4.2	1.7	0.0
35°	20.5	15.6	11.4	7.6	4.4	1.7	0.0
32.5°	21.4	16.4	11.9	7.9	4.6	1.8	0.0
30°	22.3	17.0	12.4	8.2	4.7	1.8	0.0
27.5°	23.2	17.7	12.8	8.4	4.9	1.9	0.0
25°	24.0	18.2	13.2	8.7	5.0	1.9	0.0
22.5°	24.7	18.8	13.5	8.9	5.2	1.9	0.0
20°	25.4	19.2	13.8	9.1	5.3	2.0	0.0
17.5°	25.9	19.6	14.1	9.2	5.4	2.0	0.0
15°	26.4	19.9	14.3	9.3	5.5	2.0	0.0
12.5°	26.9	20.2	14.5	9.4	5.6	2.1	0.0
10°	27.2	20.4	14.6	9.5	5.7	2.1	0.0
7.5°	27.5	20.5	14.7	9.6	5.8	2.1	0.0
5°	27.7	20.7	14.8	9.6	5.8	2.1	0.0
2.5°	27.9	20.7	14.8	9.6	5.9	2.1	0.0
0°	27.9	20.7	14.8	9.6	5.9	2.1	0.0
-2.5°	27.9	20.7	14.8	9.6	5.9	2.1	0.0
-5°	27.7	20.7	14.8	9.6	5.8	2.1	0.0
-7.5°	27.5	20.5	14.7	9.6	5.8	2.1	0.0
-10°	27.2	20.4	14.6	9.5	5.7	2.1	0.0
-12.5°	26.9	20.2	14.5	9.4	5.6	2.1	0.0
-15°	26.4	19.9	14.3	9.3	5.5	2.0	0.0
-17.5°	25.9	19.6	14.1	9.2	5.4	2.0	0.0
-20°	25.4	19.2	13.8	9.1	5.3	2.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.7	18.8	13.5	8.9	5.2	1.9	0.0
-25°	24.0	18.2	13.2	8.7	5.0	1.9	0.0
-27.5°	23.2	17.7	12.8	8.4	4.9	1.9	0.0
-30°	22.3	17.0	12.4	8.2	4.7	1.8	0.0
-32.5°	21.4	16.4	11.9	7.9	4.6	1.8	0.0
-35°	20.5	15.6	11.4	7.6	4.4	1.7	0.0
-37.5°	19.6	14.9	10.8	7.2	4.2	1.7	0.0
-40°	18.6	14.1	10.2	6.8	4.0	1.6	0.0
-42.5°	17.5	13.4	9.7	6.4	3.8	1.5	0.0
-45°	16.3	12.6	9.1	6.0	3.6	1.5	0.0
-47.5°	15.1	11.7	8.6	5.6	3.3	1.4	0.0
-50°	14.1	10.8	8.0	5.3	3.1	1.3	0.0
-52.5°	13.0	9.9	7.4	4.9	2.9	1.3	0.0
-55°	11.9	9.2	6.8	4.6	2.6	1.2	0.0
-57.5°	10.7	8.4	6.2	4.2	2.4	1.1	0.0
-60°	9.6	7.7	5.6	3.8	2.1	1.0	0.0
-62.5°	8.7	6.9	5.1	3.4	1.9	1.0	0.0
-65°	7.8	6.2	4.5	3.0	1.8	0.9	0.0
-67.5°	6.9	5.4	4.0	2.6	1.6	0.8	0.0
-70°	6.0	4.7	3.4	2.2	1.4	0.7	0.0
-72.5°	5.1	3.9	2.8	1.9	1.3	0.6	0.0
-75°	4.1	3.1	2.2	1.6	1.1	0.5	0.0
-77.5°	3.2	2.4	1.8	1.4	0.9	0.5	0.0
-80°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	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)