

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: P558548 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558548 (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-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

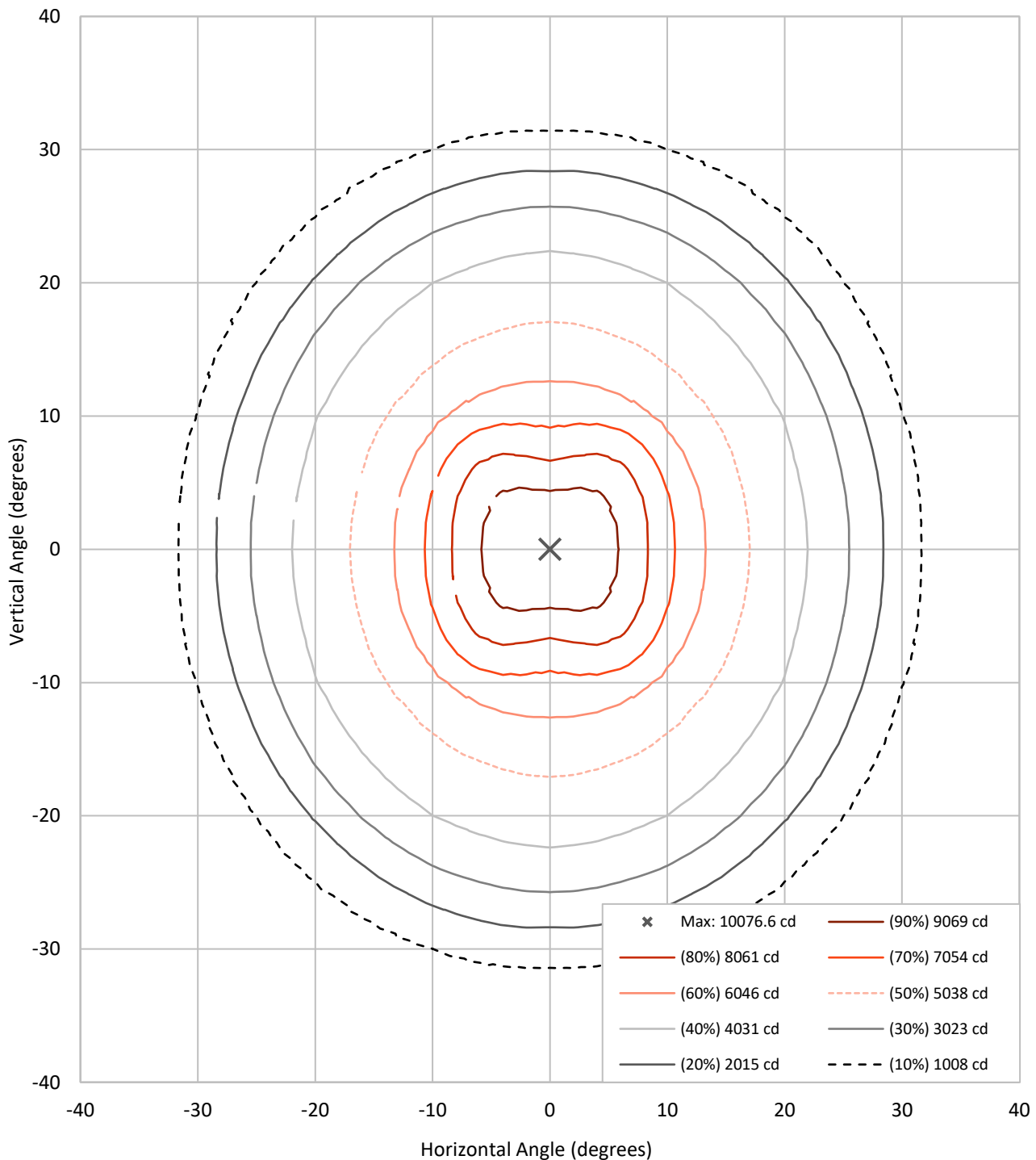
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4457.6 lumens	Max Intensity:	10076.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1898.7 lumens	Field Lumens:	3880.5 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





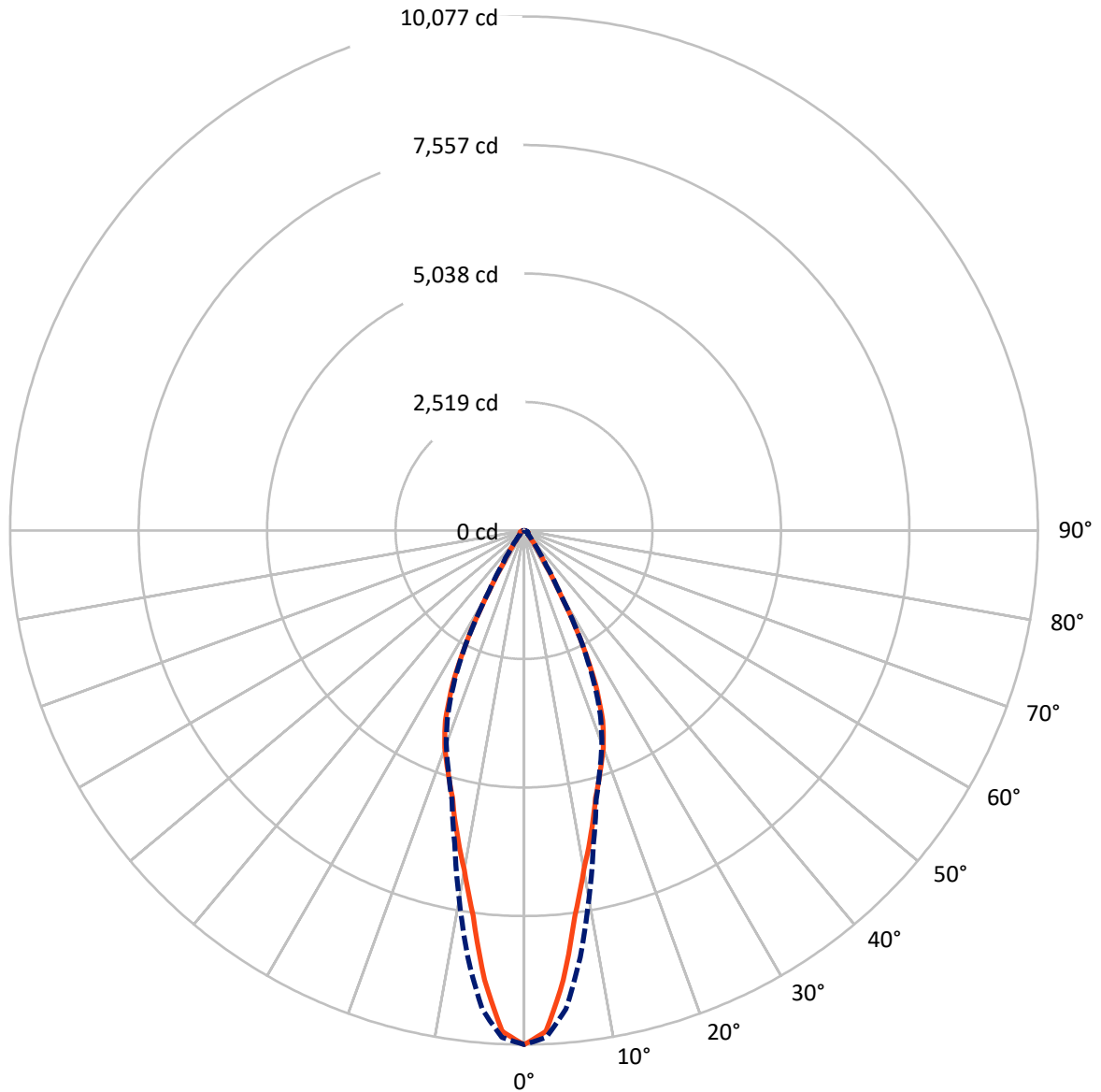
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Lumen Table

90																
80	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
70																
60	0.2	0.3	0.6	1.0	1.4	1.9	2.2	2.4	2.4	2.2	1.9	1.4	1.0	0.6	0.3	0.2
50		0.4	0.9	1.6	2.1	2.4	2.6	2.6	2.6	2.6	2.4	2.1	1.6	0.9	0.4	
40	0.4	0.6	1.3	1.9	2.2	2.7	3.5	4.1	4.1	3.5	2.7	2.2	1.9	1.3	0.6	0.4
30		0.7	1.5	1.9	2.9	5.7	10.8	16.5	16.5	10.8	5.7	2.9	1.9	1.5	0.7	
20	0.6	0.9	1.5	2.1	5.2	17.3	54.5	89.8	89.8	54.5	17.3	5.2	2.1	1.5	0.9	0.6
10		0.9	1.5	2.6	9.7	51.4	121.5	160.9	160.9	121.5	51.4	9.7	2.6	1.5	0.9	
0	0.6	1.0	1.5	3.0	14.8	81.0	158.0	249.3	249.3	158.0	81.0	14.8	3.0	1.5	1.0	0.6
-10		1.0	1.5	3.0	14.8	81.0	158.0	249.3	249.3	158.0	81.0	14.8	3.0	1.5	1.0	
-20	0.6	0.9	1.5	2.6	9.7	51.4	121.5	160.9	160.9	121.5	51.4	9.7	2.6	1.5	0.9	0.6
-30		0.9	1.5	2.1	5.2	17.3	54.5	89.8	89.8	54.5	17.3	5.2	2.1	1.5	0.9	
-40	0.4	0.7	1.5	1.9	2.9	5.7	10.8	16.5	16.5	10.8	5.7	2.9	1.9	1.5	0.7	0.4
-50		0.6	1.3	1.9	2.2	2.7	3.5	4.1	4.1	3.5	2.7	2.2	1.9	1.3	0.6	
-60	0.2	0.4	0.9	1.6	2.1	2.4	2.6	2.6	2.6	2.6	2.4	2.1	1.6	0.9	0.4	0.2
-70		0.3	0.6	1.0	1.4	1.9	2.2	2.4	2.4	2.2	1.9	1.4	1.0	0.6	0.3	
-80																
-90	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1

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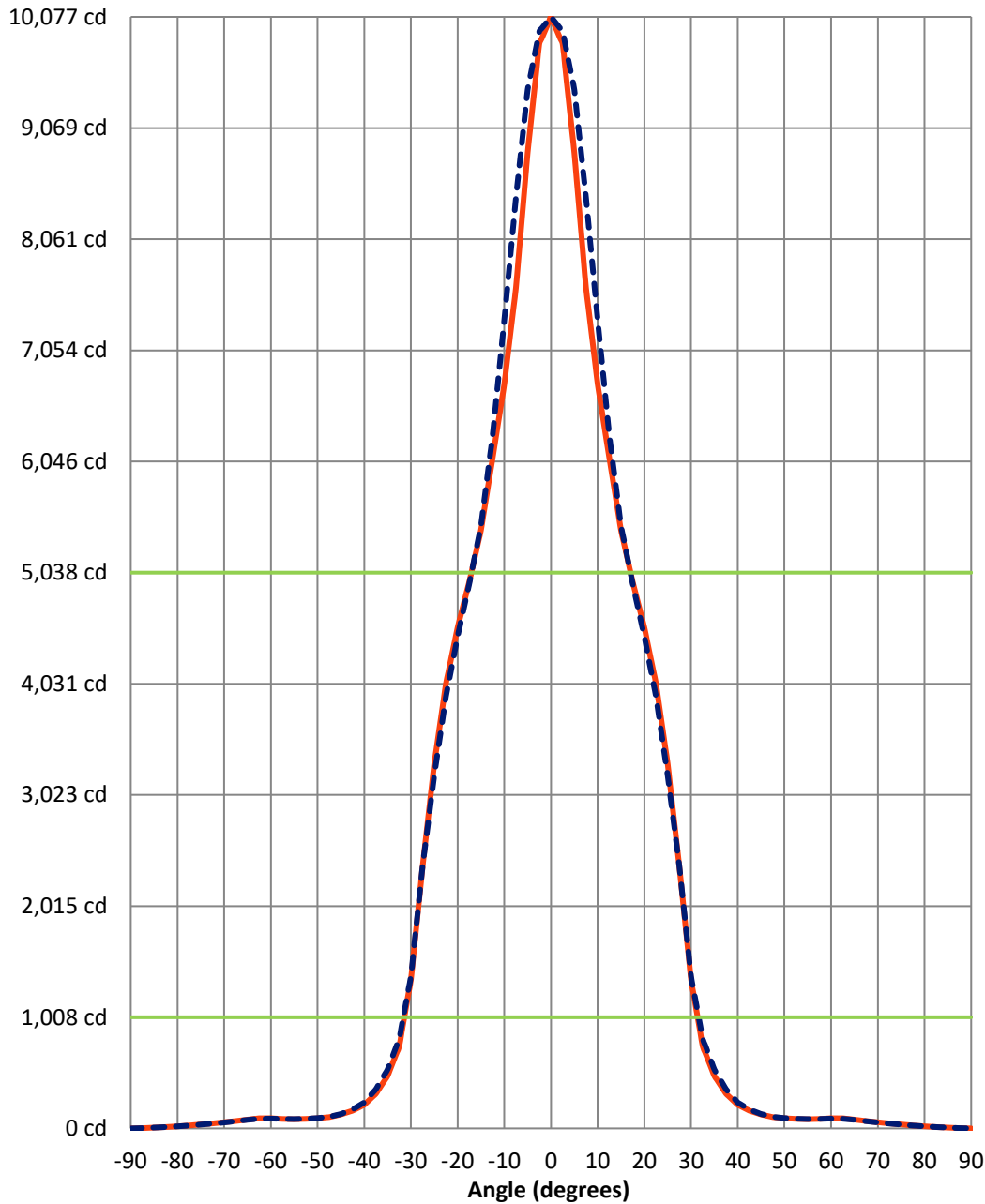
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 1898.7
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 3880.5
 Efficiency: 87.1%

Spill:
 Lumens: 577.1
 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	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.2	3.7
80°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.5	4.2	4.9	5.5
77.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.9	4.9	5.7	6.5	7.3
75°	0.0	0.7	1.3	2.0	2.7	3.9	5.1	6.2	7.2	8.3	9.5
72.5°	0.0	0.8	1.6	2.3	3.5	4.8	6.3	7.6	8.9	10.2	11.6
70°	0.0	0.9	1.8	2.7	4.2	5.8	7.4	8.9	10.5	12.1	14.1
67.5°	0.0	1.0	2.0	3.2	4.9	6.7	8.6	10.3	12.1	14.4	16.6
65°	0.0	1.1	2.2	3.7	5.6	7.6	9.7	11.6	14.1	16.6	19.3
62.5°	0.0	1.2	2.4	4.2	6.3	8.6	10.8	13.2	16.1	19.0	22.5
60°	0.0	1.3	2.6	4.7	7.0	9.6	12.0	14.9	18.0	21.7	25.5
57.5°	0.0	1.4	2.9	5.2	7.7	10.5	13.4	16.6	20.3	24.4	28.7
55°	0.0	1.5	3.2	5.7	8.5	11.4	14.8	18.2	22.7	27.1	31.8
52.5°	0.0	1.6	3.5	6.1	9.2	12.4	16.1	20.2	24.9	29.8	34.8
50°	0.0	1.7	3.8	6.5	10.0	13.5	17.5	22.1	27.2	32.3	37.9
47.5°	0.0	1.8	4.1	7.0	10.7	14.6	18.8	23.9	29.3	34.7	41.0
45°	0.0	1.8	4.4	7.5	11.3	15.6	20.3	25.7	31.3	37.5	44.1
42.5°	0.0	1.9	4.7	8.0	12.0	16.6	21.7	27.4	33.3	40.1	47.2
40°	0.0	2.0	4.9	8.5	12.7	17.5	23.0	29.1	35.3	42.7	50.2
37.5°	0.0	2.1	5.2	8.9	13.4	18.4	24.3	30.6	37.5	45.2	53.0
35°	0.0	2.1	5.4	9.4	14.1	19.3	25.5	32.1	39.5	47.6	55.8
32.5°	0.0	2.2	5.6	9.8	14.7	20.3	26.6	33.6	41.5	49.8	58.4
30°	0.0	2.3	5.9	10.1	15.3	21.1	27.7	35.0	43.2	51.9	60.9
27.5°	0.0	2.3	6.1	10.5	15.9	21.9	28.8	36.4	44.9	53.9	63.2
25°	0.0	2.4	6.2	10.8	16.3	22.6	29.8	37.7	46.5	55.8	65.3
22.5°	0.0	2.4	6.4	11.0	16.7	23.3	30.7	38.9	47.9	57.5	67.5
20°	0.0	2.4	6.6	11.3	17.1	23.8	31.5	39.9	49.2	59.0	69.4
17.5°	0.0	2.5	6.7	11.5	17.4	24.3	32.2	40.9	50.4	60.4	71.0
15°	0.0	2.5	6.9	11.6	17.7	24.7	32.8	41.7	51.4	61.6	72.5
12.5°	0.0	2.5	7.0	11.8	18.0	25.0	33.3	42.4	52.2	62.6	73.7
10°	0.0	2.6	7.1	11.9	18.1	25.3	33.8	43.0	52.9	63.5	74.7
7.5°	0.0	2.6	7.2	12.0	18.3	25.5	34.1	43.4	53.4	64.3	75.8
5°	0.0	2.6	7.2	12.0	18.4	25.6	34.4	43.7	53.7	64.8	76.7
2.5°	0.0	2.6	7.3	12.0	18.4	25.6	34.5	43.9	53.9	65.2	77.4
0°	0.0	2.6	7.3	12.0	18.4	25.6	34.6	44.0	53.9	65.4	77.8
-2.5°	0.0	2.6	7.3	12.0	18.4	25.6	34.5	43.9	53.9	65.2	77.4
-5°	0.0	2.6	7.2	12.0	18.4	25.6	34.4	43.7	53.7	64.8	76.7
-7.5°	0.0	2.6	7.2	12.0	18.3	25.5	34.1	43.4	53.4	64.3	75.8
-10°	0.0	2.6	7.1	11.9	18.1	25.3	33.8	43.0	52.9	63.5	74.7
-12.5°	0.0	2.5	7.0	11.8	18.0	25.0	33.3	42.4	52.2	62.6	73.7
-15°	0.0	2.5	6.9	11.6	17.7	24.7	32.8	41.7	51.4	61.6	72.5
-17.5°	0.0	2.5	6.7	11.5	17.4	24.3	32.2	40.9	50.4	60.4	71.0
-20°	0.0	2.4	6.6	11.3	17.1	23.8	31.5	39.9	49.2	59.0	69.4



REPORT NUMBER: P558548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	2.4	6.4	11.0	16.7	23.3	30.7	38.9	47.9	57.5	67.5
-25°	0.0	2.4	6.2	10.8	16.3	22.6	29.8	37.7	46.5	55.8	65.3
-27.5°	0.0	2.3	6.1	10.5	15.9	21.9	28.8	36.4	44.9	53.9	63.2
-30°	0.0	2.3	5.9	10.1	15.3	21.1	27.7	35.0	43.2	51.9	60.9
-32.5°	0.0	2.2	5.6	9.8	14.7	20.3	26.6	33.6	41.5	49.8	58.4
-35°	0.0	2.1	5.4	9.4	14.1	19.3	25.5	32.1	39.5	47.6	55.8
-37.5°	0.0	2.1	5.2	8.9	13.4	18.4	24.3	30.6	37.5	45.2	53.0
-40°	0.0	2.0	4.9	8.5	12.7	17.5	23.0	29.1	35.3	42.7	50.2
-42.5°	0.0	1.9	4.7	8.0	12.0	16.6	21.7	27.4	33.3	40.1	47.2
-45°	0.0	1.8	4.4	7.5	11.3	15.6	20.3	25.7	31.3	37.5	44.1
-47.5°	0.0	1.8	4.1	7.0	10.7	14.6	18.8	23.9	29.3	34.7	41.0
-50°	0.0	1.7	3.8	6.5	10.0	13.5	17.5	22.1	27.2	32.3	37.9
-52.5°	0.0	1.6	3.5	6.1	9.2	12.4	16.1	20.2	24.9	29.8	34.8
-55°	0.0	1.5	3.2	5.7	8.5	11.4	14.8	18.2	22.7	27.1	31.8
-57.5°	0.0	1.4	2.9	5.2	7.7	10.5	13.4	16.6	20.3	24.4	28.7
-60°	0.0	1.3	2.6	4.7	7.0	9.6	12.0	14.9	18.0	21.7	25.5
-62.5°	0.0	1.2	2.4	4.2	6.3	8.6	10.8	13.2	16.1	19.0	22.5
-65°	0.0	1.1	2.2	3.7	5.6	7.6	9.7	11.6	14.1	16.6	19.3
-67.5°	0.0	1.0	2.0	3.2	4.9	6.7	8.6	10.3	12.1	14.4	16.6
-70°	0.0	0.9	1.8	2.7	4.2	5.8	7.4	8.9	10.5	12.1	14.1
-72.5°	0.0	0.8	1.6	2.3	3.5	4.8	6.3	7.6	8.9	10.2	11.6
-75°	0.0	0.7	1.3	2.0	2.7	3.9	5.1	6.2	7.2	8.3	9.5
-77.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.9	4.9	5.7	6.5	7.3
-80°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.5	4.2	4.9	5.5
-82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.2	3.7
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	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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 CATALOG NUMBER: GFLD-SA1C-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°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1
85°	2.4	2.6	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8
82.5°	4.2	4.7	5.2	5.6	6.0	6.3	6.6	7.1	7.7	8.2	8.7
80°	6.1	6.8	7.6	8.4	9.1	9.9	10.6	11.3	12.1	12.8	13.6
77.5°	8.4	9.4	10.5	11.6	12.6	13.8	15.0	16.2	17.3	18.2	19.0
75°	10.7	12.0	13.6	15.2	16.7	18.2	19.8	21.4	22.9	24.2	25.4
72.5°	13.3	15.2	17.0	18.9	21.1	23.1	25.1	27.0	28.8	30.4	32.0
70°	16.1	18.3	20.8	23.4	25.9	28.2	30.5	32.6	34.6	36.8	39.1
67.5°	19.0	22.0	24.9	27.8	30.7	33.3	35.8	38.6	41.4	44.1	46.7
65°	22.5	25.8	29.1	32.4	35.6	38.8	42.0	45.2	48.4	51.5	54.3
62.5°	25.9	29.7	33.4	37.1	40.8	44.5	48.3	52.0	55.6	59.3	62.9
60°	29.5	33.7	37.8	41.9	46.1	50.5	54.7	59.0	63.4	67.6	71.7
57.5°	33.1	37.6	42.1	46.8	51.7	56.5	61.5	66.3	71.4	76.2	80.4
55°	36.6	41.5	46.5	51.9	57.3	62.8	68.3	74.0	79.4	83.5	87.3
52.5°	40.2	45.4	51.2	57.0	62.9	69.2	75.6	81.1	85.6	89.1	89.9
50°	43.6	49.6	55.7	62.1	68.7	75.7	81.9	86.8	89.4	90.3	89.8
47.5°	47.3	53.6	60.2	67.1	74.5	81.2	87.0	89.5	90.7	89.4	87.8
45°	50.9	57.7	64.7	72.2	79.6	86.0	89.2	91.0	89.4	87.8	86.7
42.5°	54.3	61.7	69.3	77.0	84.0	88.4	90.5	89.5	88.1	86.9	87.3
40°	57.8	65.5	73.8	81.1	87.4	89.6	89.3	88.0	87.2	87.7	89.5
37.5°	61.1	69.5	78.0	85.1	88.5	89.4	87.8	87.0	87.6	89.7	93.5
35°	64.2	73.3	81.4	87.4	89.6	88.0	86.9	86.8	89.1	93.2	98.9
32.5°	67.4	77.0	84.7	88.4	88.8	87.0	86.2	88.1	91.7	97.2	106.8
30°	70.5	79.8	87.0	89.3	87.7	86.4	86.8	89.7	94.6	103.6	119.1
27.5°	73.3	82.4	87.8	88.9	86.9	85.7	87.8	92.1	99.2	111.2	133.5
25°	75.9	84.7	88.4	88.0	86.3	86.2	89.0	94.3	104.1	123.5	154.0
22.5°	78.0	86.8	89.1	87.3	85.7	86.8	90.9	98.2	111.3	135.1	175.4
20°	79.8	87.3	88.9	86.6	85.2	87.4	92.5	102.0	121.0	153.2	199.5
17.5°	81.3	87.8	88.4	86.1	85.5	88.3	94.2	105.4	129.6	168.8	222.6
15°	82.7	88.2	87.8	85.7	85.9	89.5	97.0	111.8	139.9	183.5	243.4
12.5°	83.9	88.5	87.2	85.3	86.2	90.5	99.4	117.6	150.1	199.4	276.7
10°	84.9	88.8	86.7	85.0	86.4	91.3	101.3	122.2	157.9	212.9	304.6
7.5°	85.9	89.0	86.3	84.8	86.5	91.9	102.7	125.5	163.5	223.7	325.6
5°	86.5	89.2	86.1	84.7	86.8	92.6	103.8	127.7	166.9	231.7	339.6
2.5°	87.0	89.3	85.9	84.6	87.2	93.4	104.7	129.6	169.9	235.6	349.5
0°	87.2	89.3	85.9	84.6	87.6	94.0	105.1	130.4	171.4	235.5	355.6
-2.5°	87.0	89.3	85.9	84.6	87.2	93.4	104.7	129.6	169.9	235.6	349.5
-5°	86.5	89.2	86.1	84.7	86.8	92.6	103.8	127.7	166.9	231.7	339.6
-7.5°	85.9	89.0	86.3	84.8	86.5	91.9	102.7	125.5	163.5	223.7	325.6
-10°	84.9	88.8	86.7	85.0	86.4	91.3	101.3	122.2	157.9	212.9	304.6
-12.5°	83.9	88.5	87.2	85.3	86.2	90.5	99.4	117.6	150.1	199.4	276.7
-15°	82.7	88.2	87.8	85.7	85.9	89.5	97.0	111.8	139.9	183.5	243.4
-17.5°	81.3	87.8	88.4	86.1	85.5	88.3	94.2	105.4	129.6	168.8	222.6
-20°	79.8	87.3	88.9	86.6	85.2	87.4	92.5	102.0	121.0	153.2	199.5



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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°	78.0	86.8	89.1	87.3	85.7	86.8	90.9	98.2	111.3	135.1	175.4
-25°	75.9	84.7	88.4	88.0	86.3	86.2	89.0	94.3	104.1	123.5	154.0
-27.5°	73.3	82.4	87.8	88.9	86.9	85.7	87.8	92.1	99.2	111.2	133.5
-30°	70.5	79.8	87.0	89.3	87.7	86.4	86.8	89.7	94.6	103.6	119.1
-32.5°	67.4	77.0	84.7	88.4	88.8	87.0	86.2	88.1	91.7	97.2	106.8
-35°	64.2	73.3	81.4	87.4	89.6	88.0	86.9	86.8	89.1	93.2	98.9
-37.5°	61.1	69.5	78.0	85.1	88.5	89.4	87.8	87.0	87.6	89.7	93.5
-40°	57.8	65.5	73.8	81.1	87.4	89.6	89.3	88.0	87.2	87.7	89.5
-42.5°	54.3	61.7	69.3	77.0	84.0	88.4	90.5	89.5	88.1	86.9	87.3
-45°	50.9	57.7	64.7	72.2	79.6	86.0	89.2	91.0	89.4	87.8	86.7
-47.5°	47.3	53.6	60.2	67.1	74.5	81.2	87.0	89.5	90.7	89.4	87.8
-50°	43.6	49.6	55.7	62.1	68.7	75.7	81.9	86.8	89.4	90.3	89.8
-52.5°	40.2	45.4	51.2	57.0	62.9	69.2	75.6	81.1	85.6	89.1	89.9
-55°	36.6	41.5	46.5	51.9	57.3	62.8	68.3	74.0	79.4	83.5	87.3
-57.5°	33.1	37.6	42.1	46.8	51.7	56.5	61.5	66.3	71.4	76.2	80.4
-60°	29.5	33.7	37.8	41.9	46.1	50.5	54.7	59.0	63.4	67.6	71.7
-62.5°	25.9	29.7	33.4	37.1	40.8	44.5	48.3	52.0	55.6	59.3	62.9
-65°	22.5	25.8	29.1	32.4	35.6	38.8	42.0	45.2	48.4	51.5	54.3
-67.5°	19.0	22.0	24.9	27.8	30.7	33.3	35.8	38.6	41.4	44.1	46.7
-70°	16.1	18.3	20.8	23.4	25.9	28.2	30.5	32.6	34.6	36.8	39.1
-72.5°	13.3	15.2	17.0	18.9	21.1	23.1	25.1	27.0	28.8	30.4	32.0
-75°	10.7	12.0	13.6	15.2	16.7	18.2	19.8	21.4	22.9	24.2	25.4
-77.5°	8.4	9.4	10.5	11.6	12.6	13.8	15.0	16.2	17.3	18.2	19.0
-80°	6.1	6.8	7.6	8.4	9.1	9.9	10.6	11.3	12.1	12.8	13.6
-82.5°	4.2	4.7	5.2	5.6	6.0	6.3	6.6	7.1	7.7	8.2	8.7
-85°	2.4	2.6	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8
-87.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1
-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):

	-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°	2.1	2.1	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.2	2.3
85°	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6	6.7
82.5°	9.1	9.6	10.1	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.1
80°	14.2	14.9	15.4	15.9	16.4	16.8	17.1	17.4	17.6	18.0	18.4
77.5°	19.9	20.8	21.6	22.4	23.1	23.7	24.4	24.9	25.4	25.8	26.1
75°	26.6	27.7	28.8	29.8	30.8	31.7	32.7	33.5	34.3	34.8	35.2
72.5°	33.6	35.1	36.5	37.8	39.0	40.2	41.4	42.4	43.4	44.1	44.6
70°	41.3	43.2	44.8	46.3	47.8	49.3	50.7	52.0	53.1	54.0	54.7
67.5°	49.1	51.4	53.4	55.4	57.3	59.2	60.9	62.6	64.1	65.2	65.9
65°	57.2	60.1	62.7	65.1	67.3	69.4	71.6	73.6	75.4	76.9	78.1
62.5°	66.2	69.5	72.5	75.2	77.6	79.6	81.6	83.5	85.3	86.8	88.4
60°	75.6	79.2	81.9	84.1	86.2	88.1	88.8	89.5	90.1	90.6	91.2
57.5°	83.7	86.8	89.1	89.6	90.1	90.5	90.2	89.5	88.7	87.9	87.3
55°	89.3	90.2	91.3	90.5	89.2	88.0	87.0	86.3	85.6	85.0	84.5
52.5°	90.8	90.0	88.9	87.7	86.9	86.0	85.2	85.3	85.6	85.8	85.9
50°	88.6	87.6	87.0	86.4	86.5	87.0	87.3	88.2	89.2	90.0	90.6
47.5°	86.9	86.2	87.1	88.2	89.2	91.0	92.7	94.3	96.7	98.7	100.3
45°	86.4	88.1	89.7	92.4	94.7	98.8	102.6	105.7	111.7	117.1	121.3
42.5°	88.9	91.7	94.7	99.9	105.5	112.6	121.8	129.5	138.6	147.1	153.2
40°	92.9	97.0	103.9	112.2	125.2	136.8	152.0	165.0	177.2	190.2	199.9
37.5°	98.7	106.4	119.2	134.1	153.9	172.8	193.8	214.2	231.5	257.8	278.3
35°	107.3	122.8	141.0	165.9	191.7	220.8	251.5	291.0	325.7	366.5	404.9
32.5°	123.0	144.0	172.5	206.2	240.6	290.7	338.0	402.2	459.9	531.8	609.2
30°	141.5	172.7	211.0	255.1	317.2	386.2	464.0	562.4	679.3	818.6	1005.4
27.5°	166.8	207.0	255.1	326.5	414.6	507.1	645.1	810.5	1111.9	1374.6	1722.8
25°	194.0	243.1	319.2	415.2	531.2	697.7	967.5	1311.7	1799.2	2265.4	2638.0
22.5°	225.5	297.2	393.2	512.7	700.3	1022.8	1441.7	2047.8	2591.5	3061.6	3423.7
20°	260.2	350.2	479.4	661.9	981.4	1453.7	2126.1	2748.2	3303.5	3708.2	4028.1
17.5°	305.3	422.8	586.7	838.6	1328.9	2056.8	2750.0	3364.8	3847.9	4203.6	4487.2
15°	347.3	489.6	702.1	1131.8	1801.1	2579.0	3289.6	3838.0	4256.1	4587.0	4842.0
12.5°	397.0	564.7	836.9	1385.1	2235.2	3009.8	3672.7	4184.8	4587.4	4897.6	5239.3
10°	441.2	645.5	1030.1	1722.7	2591.7	3348.4	3992.1	4452.3	4856.0	5260.3	5772.7
7.5°	477.7	713.3	1188.6	2007.6	2865.4	3598.8	4185.3	4645.2	5090.1	5629.9	6369.1
5°	506.8	764.4	1318.9	2222.6	3064.4	3777.6	4332.8	4799.0	5301.5	6023.7	7015.6
2.5°	526.2	797.9	1400.4	2352.5	3189.9	3880.1	4442.2	4899.6	5426.5	6244.1	7280.5
0°	533.9	813.4	1379.7	2376.1	3197.6	3913.5	4458.5	4937.2	5462.1	6281.0	7329.1
-2.5°	526.2	797.9	1400.4	2352.5	3189.9	3880.1	4442.2	4899.6	5426.5	6244.1	7280.5
-5°	506.8	764.4	1318.9	2222.6	3064.4	3777.6	4332.8	4799.0	5301.5	6023.7	7015.6
-7.5°	477.7	713.3	1188.6	2007.6	2865.4	3598.8	4185.3	4645.2	5090.1	5629.9	6369.1
-10°	441.2	645.5	1030.1	1722.7	2591.7	3348.4	3992.1	4452.3	4856.0	5260.3	5772.7
-12.5°	397.0	564.7	836.9	1385.1	2235.2	3009.8	3672.7	4184.8	4587.4	4897.6	5239.3
-15°	347.3	489.6	702.1	1131.8	1801.1	2579.0	3289.6	3838.0	4256.1	4587.0	4842.0
-17.5°	305.3	422.8	586.7	838.6	1328.9	2056.8	2750.0	3364.8	3847.9	4203.6	4487.2
-20°	260.2	350.2	479.4	661.9	981.4	1453.7	2126.1	2748.2	3303.5	3708.2	4028.1



REPORT NUMBER: P558548 (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°	225.5	297.2	393.2	512.7	700.3	1022.8	1441.7	2047.8	2591.5	3061.6	3423.7
-25°	194.0	243.1	319.2	415.2	531.2	697.7	967.5	1311.7	1799.2	2265.4	2638.0
-27.5°	166.8	207.0	255.1	326.5	414.6	507.1	645.1	810.5	1111.9	1374.6	1722.8
-30°	141.5	172.7	211.0	255.1	317.2	386.2	464.0	562.4	679.3	818.6	1005.4
-32.5°	123.0	144.0	172.5	206.2	240.6	290.7	338.0	402.2	459.9	531.8	609.2
-35°	107.3	122.8	141.0	165.9	191.7	220.8	251.5	291.0	325.7	366.5	404.9
-37.5°	98.7	106.4	119.2	134.1	153.9	172.8	193.8	214.2	231.5	257.8	278.3
-40°	92.9	97.0	103.9	112.2	125.2	136.8	152.0	165.0	177.2	190.2	199.9
-42.5°	88.9	91.7	94.7	99.9	105.5	112.6	121.8	129.5	138.6	147.1	153.2
-45°	86.4	88.1	89.7	92.4	94.7	98.8	102.6	105.7	111.7	117.1	121.3
-47.5°	86.9	86.2	87.1	88.2	89.2	91.0	92.7	94.3	96.7	98.7	100.3
-50°	88.6	87.6	87.0	86.4	86.5	87.0	87.3	88.2	89.2	90.0	90.6
-52.5°	90.8	90.0	88.9	87.7	86.9	86.0	85.2	85.3	85.6	85.8	85.9
-55°	89.3	90.2	91.3	90.5	89.2	88.0	87.0	86.3	85.6	85.0	84.5
-57.5°	83.7	86.8	89.1	89.6	90.1	90.5	90.2	89.5	88.7	87.9	87.3
-60°	75.6	79.2	81.9	84.1	86.2	88.1	88.8	89.5	90.1	90.6	91.2
-62.5°	66.2	69.5	72.5	75.2	77.6	79.6	81.6	83.5	85.3	86.8	88.4
-65°	57.2	60.1	62.7	65.1	67.3	69.4	71.6	73.6	75.4	76.9	78.1
-67.5°	49.1	51.4	53.4	55.4	57.3	59.2	60.9	62.6	64.1	65.2	65.9
-70°	41.3	43.2	44.8	46.3	47.8	49.3	50.7	52.0	53.1	54.0	54.7
-72.5°	33.6	35.1	36.5	37.8	39.0	40.2	41.4	42.4	43.4	44.1	44.6
-75°	26.6	27.7	28.8	29.8	30.8	31.7	32.7	33.5	34.3	34.8	35.2
-77.5°	19.9	20.8	21.6	22.4	23.1	23.7	24.4	24.9	25.4	25.8	26.1
-80°	14.2	14.9	15.4	15.9	16.4	16.8	17.1	17.4	17.6	18.0	18.4
-82.5°	9.1	9.6	10.1	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.1
-85°	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.4	6.5	6.6	6.7
-87.5°	2.1	2.1	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.2	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



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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°	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.3	2.2	2.0	2.0
85°	6.7	6.8	7.0	7.3	7.0	6.8	6.7	6.7	6.6	6.5	6.4
82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.1	12.0	11.8	11.6
80°	18.8	19.1	19.0	18.8	19.0	19.1	18.8	18.4	18.0	17.6	17.4
77.5°	26.3	26.4	26.3	26.1	26.3	26.4	26.3	26.1	25.8	25.4	24.9
75°	35.5	35.7	35.8	35.9	35.8	35.7	35.5	35.2	34.8	34.3	33.5
72.5°	45.1	45.4	45.4	45.3	45.4	45.4	45.1	44.6	44.1	43.4	42.4
70°	55.3	55.7	55.9	56.0	55.9	55.7	55.3	54.7	54.0	53.1	52.0
67.5°	66.5	66.7	67.0	67.1	67.0	66.7	66.5	65.9	65.2	64.1	62.6
65°	79.1	79.8	80.0	79.9	80.0	79.8	79.1	78.1	76.9	75.4	73.6
62.5°	89.9	91.2	91.8	91.9	91.8	91.2	89.9	88.4	86.8	85.3	83.5
60°	91.7	92.2	92.3	92.3	92.3	92.2	91.7	91.2	90.6	90.1	89.5
57.5°	86.8	86.3	86.0	85.9	86.0	86.3	86.8	87.3	87.9	88.7	89.5
55°	84.0	83.6	83.3	83.3	83.3	83.6	84.0	84.5	85.0	85.6	86.3
52.5°	85.9	85.8	86.0	86.3	86.0	85.8	85.9	85.9	85.8	85.6	85.3
50°	91.1	91.5	91.9	92.3	91.9	91.5	91.1	90.6	90.0	89.2	88.2
47.5°	101.4	102.0	102.4	102.6	102.4	102.0	101.4	100.3	98.7	96.7	94.3
45°	124.1	125.5	126.3	126.5	126.3	125.5	124.1	121.3	117.1	111.7	105.7
42.5°	157.3	159.6	160.5	160.7	160.5	159.6	157.3	153.2	147.1	138.6	129.5
40°	206.9	210.8	212.7	214.1	212.7	210.8	206.9	199.9	190.2	177.2	165.0
37.5°	293.6	303.6	309.3	314.2	309.3	303.6	293.6	278.3	257.8	231.5	214.2
35°	436.1	458.9	472.4	475.3	472.4	458.9	436.1	404.9	366.5	325.7	291.0
32.5°	668.8	713.6	740.3	743.7	740.3	713.6	668.8	609.2	531.8	459.9	402.2
30°	1150.4	1276.0	1362.0	1350.2	1362.0	1276.0	1150.4	1005.4	818.6	679.3	562.4
27.5°	2008.0	2235.7	2383.6	2371.4	2383.6	2235.7	2008.0	1722.8	1374.6	1111.9	810.5
25°	2924.5	3134.1	3257.8	3303.6	3257.8	3134.1	2924.5	2638.0	2265.4	1799.2	1311.7
22.5°	3672.9	3860.4	3967.4	4031.5	3967.4	3860.4	3672.9	3423.7	3061.6	2591.5	2047.8
20°	4246.4	4408.9	4501.0	4540.5	4501.0	4408.9	4246.4	4028.1	3708.2	3303.5	2748.2
17.5°	4687.6	4823.6	4927.9	4954.7	4927.9	4823.6	4687.6	4487.2	4203.6	3847.9	3364.8
15°	5077.8	5253.6	5376.5	5422.3	5376.5	5253.6	5077.8	4842.0	4587.0	4256.1	3838.0
12.5°	5569.9	5875.5	6038.0	6075.4	6038.0	5875.5	5569.9	5239.3	4897.6	4587.4	4184.8
10°	6297.2	6767.0	6820.2	6747.3	6820.2	6767.0	6297.2	5772.7	5260.3	4856.0	4452.3
7.5°	7356.5	7982.9	7847.4	7621.9	7847.4	7982.9	7356.5	6369.1	5629.9	5090.1	4645.2
5°	8114.5	8984.2	9011.2	8845.6	9011.2	8984.2	8114.5	7015.6	6023.7	5301.5	4799.0
2.5°	8416.3	9311.5	9757.1	9830.2	9757.1	9311.5	8416.3	7280.5	6244.1	5426.5	4899.6
0°	8438.9	9417.0	9945.3	10076.6	9945.3	9417.0	8438.9	7329.1	6281.0	5462.1	4937.2
-2.5°	8416.3	9311.5	9757.1	9830.2	9757.1	9311.5	8416.3	7280.5	6244.1	5426.5	4899.6
-5°	8114.5	8984.2	9011.2	8845.6	9011.2	8984.2	8114.5	7015.6	6023.7	5301.5	4799.0
-7.5°	7356.5	7982.9	7847.4	7621.9	7847.4	7982.9	7356.5	6369.1	5629.9	5090.1	4645.2
-10°	6297.2	6767.0	6820.2	6747.3	6820.2	6767.0	6297.2	5772.7	5260.3	4856.0	4452.3
-12.5°	5569.9	5875.5	6038.0	6075.4	6038.0	5875.5	5569.9	5239.3	4897.6	4587.4	4184.8
-15°	5077.8	5253.6	5376.5	5422.3	5376.5	5253.6	5077.8	4842.0	4587.0	4256.1	3838.0
-17.5°	4687.6	4823.6	4927.9	4954.7	4927.9	4823.6	4687.6	4487.2	4203.6	3847.9	3364.8
-20°	4246.4	4408.9	4501.0	4540.5	4501.0	4408.9	4246.4	4028.1	3708.2	3303.5	2748.2



REPORT NUMBER: P558548 (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°	3672.9	3860.4	3967.4	4031.5	3967.4	3860.4	3672.9	3423.7	3061.6	2591.5	2047.8
-25°	2924.5	3134.1	3257.8	3303.6	3257.8	3134.1	2924.5	2638.0	2265.4	1799.2	1311.7
-27.5°	2008.0	2235.7	2383.6	2371.4	2383.6	2235.7	2008.0	1722.8	1374.6	1111.9	810.5
-30°	1150.4	1276.0	1362.0	1350.2	1362.0	1276.0	1150.4	1005.4	818.6	679.3	562.4
-32.5°	668.8	713.6	740.3	743.7	740.3	713.6	668.8	609.2	531.8	459.9	402.2
-35°	436.1	458.9	472.4	475.3	472.4	458.9	436.1	404.9	366.5	325.7	291.0
-37.5°	293.6	303.6	309.3	314.2	309.3	303.6	293.6	278.3	257.8	231.5	214.2
-40°	206.9	210.8	212.7	214.1	212.7	210.8	206.9	199.9	190.2	177.2	165.0
-42.5°	157.3	159.6	160.5	160.7	160.5	159.6	157.3	153.2	147.1	138.6	129.5
-45°	124.1	125.5	126.3	126.5	126.3	125.5	124.1	121.3	117.1	111.7	105.7
-47.5°	101.4	102.0	102.4	102.6	102.4	102.0	101.4	100.3	98.7	96.7	94.3
-50°	91.1	91.5	91.9	92.3	91.9	91.5	91.1	90.6	90.0	89.2	88.2
-52.5°	85.9	85.8	86.0	86.3	86.0	85.8	85.9	85.9	85.8	85.6	85.3
-55°	84.0	83.6	83.3	83.3	83.3	83.6	84.0	84.5	85.0	85.6	86.3
-57.5°	86.8	86.3	86.0	85.9	86.0	86.3	86.8	87.3	87.9	88.7	89.5
-60°	91.7	92.2	92.3	92.3	92.3	92.2	91.7	91.2	90.6	90.1	89.5
-62.5°	89.9	91.2	91.8	91.9	91.8	91.2	89.9	88.4	86.8	85.3	83.5
-65°	79.1	79.8	80.0	79.9	80.0	79.8	79.1	78.1	76.9	75.4	73.6
-67.5°	66.5	66.7	67.0	67.1	67.0	66.7	66.5	65.9	65.2	64.1	62.6
-70°	55.3	55.7	55.9	56.0	55.9	55.7	55.3	54.7	54.0	53.1	52.0
-72.5°	45.1	45.4	45.4	45.3	45.4	45.4	45.1	44.6	44.1	43.4	42.4
-75°	35.5	35.7	35.8	35.9	35.8	35.7	35.5	35.2	34.8	34.3	33.5
-77.5°	26.3	26.4	26.3	26.1	26.3	26.4	26.3	26.1	25.8	25.4	24.9
-80°	18.8	19.1	19.0	18.8	19.0	19.1	18.8	18.4	18.0	17.6	17.4
-82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.1	12.0	11.8	11.6
-85°	6.7	6.8	7.0	7.3	7.0	6.8	6.7	6.7	6.6	6.5	6.4
-87.5°	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.3	2.2	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



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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	2.1	2.1	2.1	2.0	1.9	1.8
85°	6.2	6.1	5.9	5.7	5.5	5.2	5.0	4.8	4.6	4.4	4.2
82.5°	11.4	11.1	10.8	10.5	10.1	9.6	9.1	8.7	8.2	7.7	7.1
80°	17.1	16.8	16.4	15.9	15.4	14.9	14.2	13.6	12.8	12.1	11.3
77.5°	24.4	23.7	23.1	22.4	21.6	20.8	19.9	19.0	18.2	17.3	16.2
75°	32.7	31.7	30.8	29.8	28.8	27.7	26.6	25.4	24.2	22.9	21.4
72.5°	41.4	40.2	39.0	37.8	36.5	35.1	33.6	32.0	30.4	28.8	27.0
70°	50.7	49.3	47.8	46.3	44.8	43.2	41.3	39.1	36.8	34.6	32.6
67.5°	60.9	59.2	57.3	55.4	53.4	51.4	49.1	46.7	44.1	41.4	38.6
65°	71.6	69.4	67.3	65.1	62.7	60.1	57.2	54.3	51.5	48.4	45.2
62.5°	81.6	79.6	77.6	75.2	72.5	69.5	66.2	62.9	59.3	55.6	52.0
60°	88.8	88.1	86.2	84.1	81.9	79.2	75.6	71.7	67.6	63.4	59.0
57.5°	90.2	90.5	90.1	89.6	89.1	86.8	83.7	80.4	76.2	71.4	66.3
55°	87.0	88.0	89.2	90.5	91.3	90.2	89.3	87.3	83.5	79.4	74.0
52.5°	85.2	86.0	86.9	87.7	88.9	90.0	90.8	89.9	89.1	85.6	81.1
50°	87.3	87.0	86.5	86.4	87.0	87.6	88.6	89.8	90.3	89.4	86.8
47.5°	92.7	91.0	89.2	88.2	87.1	86.2	86.9	87.8	89.4	90.7	89.5
45°	102.6	98.8	94.7	92.4	89.7	88.1	86.4	86.7	87.8	89.4	91.0
42.5°	121.8	112.6	105.5	99.9	94.7	91.7	88.9	87.3	86.9	88.1	89.5
40°	152.0	136.8	125.2	112.2	103.9	97.0	92.9	89.5	87.7	87.2	88.0
37.5°	193.8	172.8	153.9	134.1	119.2	106.4	98.7	93.5	89.7	87.6	87.0
35°	251.5	220.8	191.7	165.9	141.0	122.8	107.3	98.9	93.2	89.1	86.8
32.5°	338.0	290.7	240.6	206.2	172.5	144.0	123.0	106.8	97.2	91.7	88.1
30°	464.0	386.2	317.2	255.1	211.0	172.7	141.5	119.1	103.6	94.6	89.7
27.5°	645.1	507.1	414.6	326.5	255.1	207.0	166.8	133.5	111.2	99.2	92.1
25°	967.5	697.7	531.2	415.2	319.2	243.1	194.0	154.0	123.5	104.1	94.3
22.5°	1441.7	1022.8	700.3	512.7	393.2	297.2	225.5	175.4	135.1	111.3	98.2
20°	2126.1	1453.7	981.4	661.9	479.4	350.2	260.2	199.5	153.2	121.0	102.0
17.5°	2750.0	2056.8	1328.9	838.6	586.7	422.8	305.3	222.6	168.8	129.6	105.4
15°	3289.6	2579.0	1801.1	1131.8	702.1	489.6	347.3	243.4	183.5	139.9	111.8
12.5°	3672.7	3009.8	2235.2	1385.1	836.9	564.7	397.0	276.7	199.4	150.1	117.6
10°	3992.1	3348.4	2591.7	1722.7	1030.1	645.5	441.2	304.6	212.9	157.9	122.2
7.5°	4185.3	3598.8	2865.4	2007.6	1188.6	713.3	477.7	325.6	223.7	163.5	125.5
5°	4332.8	3777.6	3064.4	2222.6	1318.9	764.4	506.8	339.6	231.7	166.9	127.7
2.5°	4442.2	3880.1	3189.9	2352.5	1400.4	797.9	526.2	349.5	235.6	169.9	129.6
0°	4458.5	3913.5	3197.6	2376.1	1379.7	813.4	533.9	355.6	235.5	171.4	130.4
-2.5°	4442.2	3880.1	3189.9	2352.5	1400.4	797.9	526.2	349.5	235.6	169.9	129.6
-5°	4332.8	3777.6	3064.4	2222.6	1318.9	764.4	506.8	339.6	231.7	166.9	127.7
-7.5°	4185.3	3598.8	2865.4	2007.6	1188.6	713.3	477.7	325.6	223.7	163.5	125.5
-10°	3992.1	3348.4	2591.7	1722.7	1030.1	645.5	441.2	304.6	212.9	157.9	122.2
-12.5°	3672.7	3009.8	2235.2	1385.1	836.9	564.7	397.0	276.7	199.4	150.1	117.6
-15°	3289.6	2579.0	1801.1	1131.8	702.1	489.6	347.3	243.4	183.5	139.9	111.8
-17.5°	2750.0	2056.8	1328.9	838.6	586.7	422.8	305.3	222.6	168.8	129.6	105.4
-20°	2126.1	1453.7	981.4	661.9	479.4	350.2	260.2	199.5	153.2	121.0	102.0



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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°	1441.7	1022.8	700.3	512.7	393.2	297.2	225.5	175.4	135.1	111.3	98.2
-25°	967.5	697.7	531.2	415.2	319.2	243.1	194.0	154.0	123.5	104.1	94.3
-27.5°	645.1	507.1	414.6	326.5	255.1	207.0	166.8	133.5	111.2	99.2	92.1
-30°	464.0	386.2	317.2	255.1	211.0	172.7	141.5	119.1	103.6	94.6	89.7
-32.5°	338.0	290.7	240.6	206.2	172.5	144.0	123.0	106.8	97.2	91.7	88.1
-35°	251.5	220.8	191.7	165.9	141.0	122.8	107.3	98.9	93.2	89.1	86.8
-37.5°	193.8	172.8	153.9	134.1	119.2	106.4	98.7	93.5	89.7	87.6	87.0
-40°	152.0	136.8	125.2	112.2	103.9	97.0	92.9	89.5	87.7	87.2	88.0
-42.5°	121.8	112.6	105.5	99.9	94.7	91.7	88.9	87.3	86.9	88.1	89.5
-45°	102.6	98.8	94.7	92.4	89.7	88.1	86.4	86.7	87.8	89.4	91.0
-47.5°	92.7	91.0	89.2	88.2	87.1	86.2	86.9	87.8	89.4	90.7	89.5
-50°	87.3	87.0	86.5	86.4	87.0	87.6	88.6	89.8	90.3	89.4	86.8
-52.5°	85.2	86.0	86.9	87.7	88.9	90.0	90.8	89.9	89.1	85.6	81.1
-55°	87.0	88.0	89.2	90.5	91.3	90.2	89.3	87.3	83.5	79.4	74.0
-57.5°	90.2	90.5	90.1	89.6	89.1	86.8	83.7	80.4	76.2	71.4	66.3
-60°	88.8	88.1	86.2	84.1	81.9	79.2	75.6	71.7	67.6	63.4	59.0
-62.5°	81.6	79.6	77.6	75.2	72.5	69.5	66.2	62.9	59.3	55.6	52.0
-65°	71.6	69.4	67.3	65.1	62.7	60.1	57.2	54.3	51.5	48.4	45.2
-67.5°	60.9	59.2	57.3	55.4	53.4	51.4	49.1	46.7	44.1	41.4	38.6
-70°	50.7	49.3	47.8	46.3	44.8	43.2	41.3	39.1	36.8	34.6	32.6
-72.5°	41.4	40.2	39.0	37.8	36.5	35.1	33.6	32.0	30.4	28.8	27.0
-75°	32.7	31.7	30.8	29.8	28.8	27.7	26.6	25.4	24.2	22.9	21.4
-77.5°	24.4	23.7	23.1	22.4	21.6	20.8	19.9	19.0	18.2	17.3	16.2
-80°	17.1	16.8	16.4	15.9	15.4	14.9	14.2	13.6	12.8	12.1	11.3
-82.5°	11.4	11.1	10.8	10.5	10.1	9.6	9.1	8.7	8.2	7.7	7.1
-85°	6.2	6.1	5.9	5.7	5.5	5.2	5.0	4.8	4.6	4.4	4.2
-87.5°	2.0	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.0	1.9	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):

	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°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
85°	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.6
82.5°	6.6	6.3	6.0	5.6	5.2	4.7	4.2	3.7	3.2	2.7	2.3
80°	10.6	9.9	9.1	8.4	7.6	6.8	6.1	5.5	4.9	4.2	3.5
77.5°	15.0	13.8	12.6	11.6	10.5	9.4	8.4	7.3	6.5	5.7	4.9
75°	19.8	18.2	16.7	15.2	13.6	12.0	10.7	9.5	8.3	7.2	6.2
72.5°	25.1	23.1	21.1	18.9	17.0	15.2	13.3	11.6	10.2	8.9	7.6
70°	30.5	28.2	25.9	23.4	20.8	18.3	16.1	14.1	12.1	10.5	8.9
67.5°	35.8	33.3	30.7	27.8	24.9	22.0	19.0	16.6	14.4	12.1	10.3
65°	42.0	38.8	35.6	32.4	29.1	25.8	22.5	19.3	16.6	14.1	11.6
62.5°	48.3	44.5	40.8	37.1	33.4	29.7	25.9	22.5	19.0	16.1	13.2
60°	54.7	50.5	46.1	41.9	37.8	33.7	29.5	25.5	21.7	18.0	14.9
57.5°	61.5	56.5	51.7	46.8	42.1	37.6	33.1	28.7	24.4	20.3	16.6
55°	68.3	62.8	57.3	51.9	46.5	41.5	36.6	31.8	27.1	22.7	18.2
52.5°	75.6	69.2	62.9	57.0	51.2	45.4	40.2	34.8	29.8	24.9	20.2
50°	81.9	75.7	68.7	62.1	55.7	49.6	43.6	37.9	32.3	27.2	22.1
47.5°	87.0	81.2	74.5	67.1	60.2	53.6	47.3	41.0	34.7	29.3	23.9
45°	89.2	86.0	79.6	72.2	64.7	57.7	50.9	44.1	37.5	31.3	25.7
42.5°	90.5	88.4	84.0	77.0	69.3	61.7	54.3	47.2	40.1	33.3	27.4
40°	89.3	89.6	87.4	81.1	73.8	65.5	57.8	50.2	42.7	35.3	29.1
37.5°	87.8	89.4	88.5	85.1	78.0	69.5	61.1	53.0	45.2	37.5	30.6
35°	86.9	88.0	89.6	87.4	81.4	73.3	64.2	55.8	47.6	39.5	32.1
32.5°	86.2	87.0	88.8	88.4	84.7	77.0	67.4	58.4	49.8	41.5	33.6
30°	86.8	86.4	87.7	89.3	87.0	79.8	70.5	60.9	51.9	43.2	35.0
27.5°	87.8	85.7	86.9	88.9	87.8	82.4	73.3	63.2	53.9	44.9	36.4
25°	89.0	86.2	86.3	88.0	88.4	84.7	75.9	65.3	55.8	46.5	37.7
22.5°	90.9	86.8	85.7	87.3	89.1	86.8	78.0	67.5	57.5	47.9	38.9
20°	92.5	87.4	85.2	86.6	88.9	87.3	79.8	69.4	59.0	49.2	39.9
17.5°	94.2	88.3	85.5	86.1	88.4	87.8	81.3	71.0	60.4	50.4	40.9
15°	97.0	89.5	85.9	85.7	87.8	88.2	82.7	72.5	61.6	51.4	41.7
12.5°	99.4	90.5	86.2	85.3	87.2	88.5	83.9	73.7	62.6	52.2	42.4
10°	101.3	91.3	86.4	85.0	86.7	88.8	84.9	74.7	63.5	52.9	43.0
7.5°	102.7	91.9	86.5	84.8	86.3	89.0	85.9	75.8	64.3	53.4	43.4
5°	103.8	92.6	86.8	84.7	86.1	89.2	86.5	76.7	64.8	53.7	43.7
2.5°	104.7	93.4	87.2	84.6	85.9	89.3	87.0	77.4	65.2	53.9	43.9
0°	105.1	94.0	87.6	84.6	85.9	89.3	87.2	77.8	65.4	53.9	44.0
-2.5°	104.7	93.4	87.2	84.6	85.9	89.3	87.0	77.4	65.2	53.9	43.9
-5°	103.8	92.6	86.8	84.7	86.1	89.2	86.5	76.7	64.8	53.7	43.7
-7.5°	102.7	91.9	86.5	84.8	86.3	89.0	85.9	75.8	64.3	53.4	43.4
-10°	101.3	91.3	86.4	85.0	86.7	88.8	84.9	74.7	63.5	52.9	43.0
-12.5°	99.4	90.5	86.2	85.3	87.2	88.5	83.9	73.7	62.6	52.2	42.4
-15°	97.0	89.5	85.9	85.7	87.8	88.2	82.7	72.5	61.6	51.4	41.7
-17.5°	94.2	88.3	85.5	86.1	88.4	87.8	81.3	71.0	60.4	50.4	40.9
-20°	92.5	87.4	85.2	86.6	88.9	87.3	79.8	69.4	59.0	49.2	39.9



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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°	90.9	86.8	85.7	87.3	89.1	86.8	78.0	67.5	57.5	47.9	38.9
-25°	89.0	86.2	86.3	88.0	88.4	84.7	75.9	65.3	55.8	46.5	37.7
-27.5°	87.8	85.7	86.9	88.9	87.8	82.4	73.3	63.2	53.9	44.9	36.4
-30°	86.8	86.4	87.7	89.3	87.0	79.8	70.5	60.9	51.9	43.2	35.0
-32.5°	86.2	87.0	88.8	88.4	84.7	77.0	67.4	58.4	49.8	41.5	33.6
-35°	86.9	88.0	89.6	87.4	81.4	73.3	64.2	55.8	47.6	39.5	32.1
-37.5°	87.8	89.4	88.5	85.1	78.0	69.5	61.1	53.0	45.2	37.5	30.6
-40°	89.3	89.6	87.4	81.1	73.8	65.5	57.8	50.2	42.7	35.3	29.1
-42.5°	90.5	88.4	84.0	77.0	69.3	61.7	54.3	47.2	40.1	33.3	27.4
-45°	89.2	86.0	79.6	72.2	64.7	57.7	50.9	44.1	37.5	31.3	25.7
-47.5°	87.0	81.2	74.5	67.1	60.2	53.6	47.3	41.0	34.7	29.3	23.9
-50°	81.9	75.7	68.7	62.1	55.7	49.6	43.6	37.9	32.3	27.2	22.1
-52.5°	75.6	69.2	62.9	57.0	51.2	45.4	40.2	34.8	29.8	24.9	20.2
-55°	68.3	62.8	57.3	51.9	46.5	41.5	36.6	31.8	27.1	22.7	18.2
-57.5°	61.5	56.5	51.7	46.8	42.1	37.6	33.1	28.7	24.4	20.3	16.6
-60°	54.7	50.5	46.1	41.9	37.8	33.7	29.5	25.5	21.7	18.0	14.9
-62.5°	48.3	44.5	40.8	37.1	33.4	29.7	25.9	22.5	19.0	16.1	13.2
-65°	42.0	38.8	35.6	32.4	29.1	25.8	22.5	19.3	16.6	14.1	11.6
-67.5°	35.8	33.3	30.7	27.8	24.9	22.0	19.0	16.6	14.4	12.1	10.3
-70°	30.5	28.2	25.9	23.4	20.8	18.3	16.1	14.1	12.1	10.5	8.9
-72.5°	25.1	23.1	21.1	18.9	17.0	15.2	13.3	11.6	10.2	8.9	7.6
-75°	19.8	18.2	16.7	15.2	13.6	12.0	10.7	9.5	8.3	7.2	6.2
-77.5°	15.0	13.8	12.6	11.6	10.5	9.4	8.4	7.3	6.5	5.7	4.9
-80°	10.6	9.9	9.1	8.4	7.6	6.8	6.1	5.5	4.9	4.2	3.5
-82.5°	6.6	6.3	6.0	5.6	5.2	4.7	4.2	3.7	3.2	2.7	2.3
-85°	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.8	1.6
-87.5°	1.8	1.7	1.6	1.5	1.4	1.3	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°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
82.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
80°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
77.5°	3.9	2.9	2.2	1.7	1.1	0.6	0.0
75°	5.1	3.9	2.7	2.0	1.3	0.7	0.0
72.5°	6.3	4.8	3.5	2.3	1.6	0.8	0.0
70°	7.4	5.8	4.2	2.7	1.8	0.9	0.0
67.5°	8.6	6.7	4.9	3.2	2.0	1.0	0.0
65°	9.7	7.6	5.6	3.7	2.2	1.1	0.0
62.5°	10.8	8.6	6.3	4.2	2.4	1.2	0.0
60°	12.0	9.6	7.0	4.7	2.6	1.3	0.0
57.5°	13.4	10.5	7.7	5.2	2.9	1.4	0.0
55°	14.8	11.4	8.5	5.7	3.2	1.5	0.0
52.5°	16.1	12.4	9.2	6.1	3.5	1.6	0.0
50°	17.5	13.5	10.0	6.5	3.8	1.7	0.0
47.5°	18.8	14.6	10.7	7.0	4.1	1.8	0.0
45°	20.3	15.6	11.3	7.5	4.4	1.8	0.0
42.5°	21.7	16.6	12.0	8.0	4.7	1.9	0.0
40°	23.0	17.5	12.7	8.5	4.9	2.0	0.0
37.5°	24.3	18.4	13.4	8.9	5.2	2.1	0.0
35°	25.5	19.3	14.1	9.4	5.4	2.1	0.0
32.5°	26.6	20.3	14.7	9.8	5.6	2.2	0.0
30°	27.7	21.1	15.3	10.1	5.9	2.3	0.0
27.5°	28.8	21.9	15.9	10.5	6.1	2.3	0.0
25°	29.8	22.6	16.3	10.8	6.2	2.4	0.0
22.5°	30.7	23.3	16.7	11.0	6.4	2.4	0.0
20°	31.5	23.8	17.1	11.3	6.6	2.4	0.0
17.5°	32.2	24.3	17.4	11.5	6.7	2.5	0.0
15°	32.8	24.7	17.7	11.6	6.9	2.5	0.0
12.5°	33.3	25.0	18.0	11.8	7.0	2.5	0.0
10°	33.8	25.3	18.1	11.9	7.1	2.6	0.0
7.5°	34.1	25.5	18.3	12.0	7.2	2.6	0.0
5°	34.4	25.6	18.4	12.0	7.2	2.6	0.0
2.5°	34.5	25.6	18.4	12.0	7.3	2.6	0.0
0°	34.6	25.6	18.4	12.0	7.3	2.6	0.0
-2.5°	34.5	25.6	18.4	12.0	7.3	2.6	0.0
-5°	34.4	25.6	18.4	12.0	7.2	2.6	0.0
-7.5°	34.1	25.5	18.3	12.0	7.2	2.6	0.0
-10°	33.8	25.3	18.1	11.9	7.1	2.6	0.0
-12.5°	33.3	25.0	18.0	11.8	7.0	2.5	0.0
-15°	32.8	24.7	17.7	11.6	6.9	2.5	0.0
-17.5°	32.2	24.3	17.4	11.5	6.7	2.5	0.0
-20°	31.5	23.8	17.1	11.3	6.6	2.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.7	23.3	16.7	11.0	6.4	2.4	0.0
-25°	29.8	22.6	16.3	10.8	6.2	2.4	0.0
-27.5°	28.8	21.9	15.9	10.5	6.1	2.3	0.0
-30°	27.7	21.1	15.3	10.1	5.9	2.3	0.0
-32.5°	26.6	20.3	14.7	9.8	5.6	2.2	0.0
-35°	25.5	19.3	14.1	9.4	5.4	2.1	0.0
-37.5°	24.3	18.4	13.4	8.9	5.2	2.1	0.0
-40°	23.0	17.5	12.7	8.5	4.9	2.0	0.0
-42.5°	21.7	16.6	12.0	8.0	4.7	1.9	0.0
-45°	20.3	15.6	11.3	7.5	4.4	1.8	0.0
-47.5°	18.8	14.6	10.7	7.0	4.1	1.8	0.0
-50°	17.5	13.5	10.0	6.5	3.8	1.7	0.0
-52.5°	16.1	12.4	9.2	6.1	3.5	1.6	0.0
-55°	14.8	11.4	8.5	5.7	3.2	1.5	0.0
-57.5°	13.4	10.5	7.7	5.2	2.9	1.4	0.0
-60°	12.0	9.6	7.0	4.7	2.6	1.3	0.0
-62.5°	10.8	8.6	6.3	4.2	2.4	1.2	0.0
-65°	9.7	7.6	5.6	3.7	2.2	1.1	0.0
-67.5°	8.6	6.7	4.9	3.2	2.0	1.0	0.0
-70°	7.4	5.8	4.2	2.7	1.8	0.9	0.0
-72.5°	6.3	4.8	3.5	2.3	1.6	0.8	0.0
-75°	5.1	3.9	2.7	2.0	1.3	0.7	0.0
-77.5°	3.9	2.9	2.2	1.7	1.1	0.6	0.0
-80°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-82.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	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)