

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: P558631 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558631 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-930-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

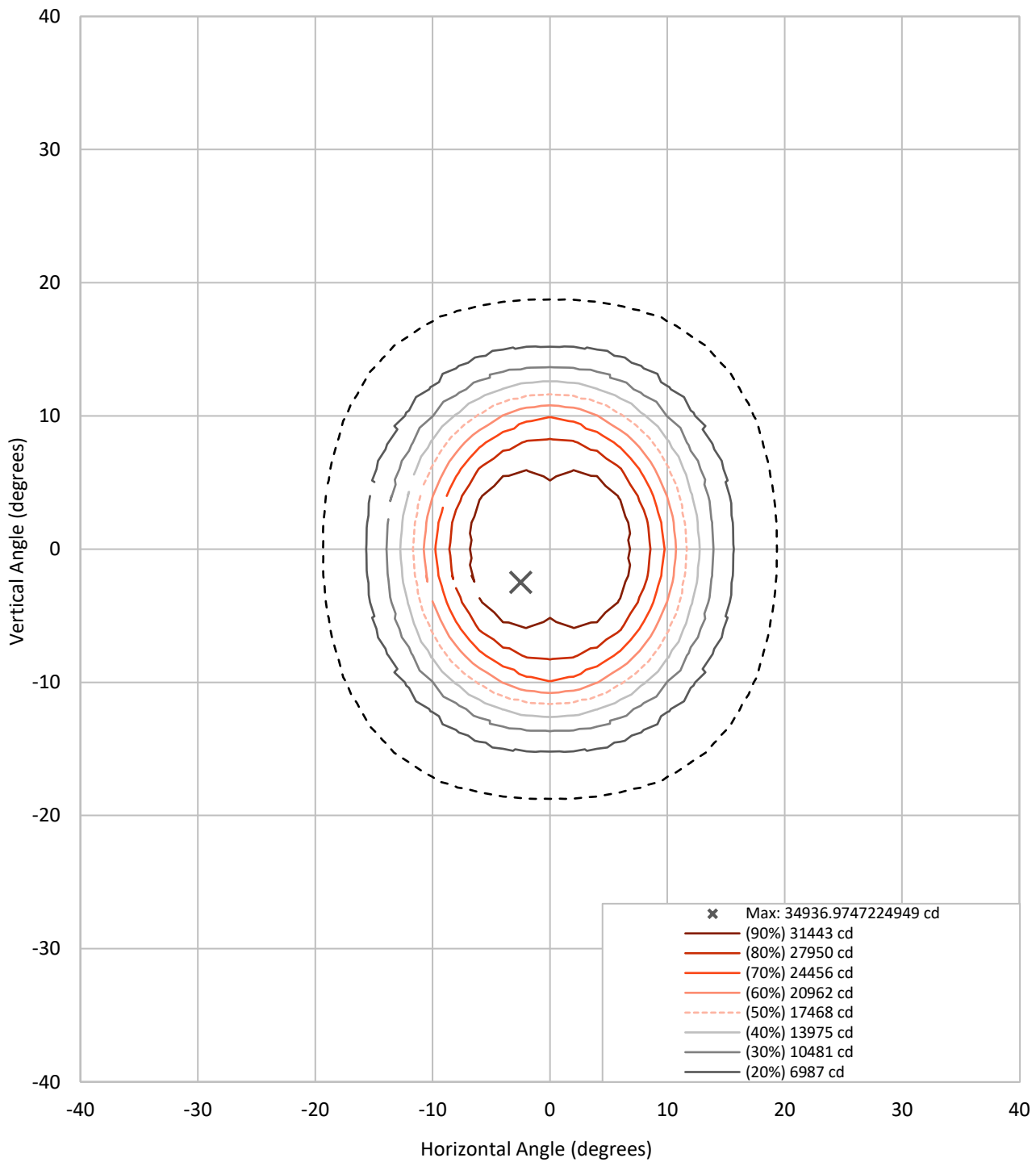
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6606.5 lumens	Max Intensity:	34937 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	104.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	3566.7 lumens	Field Lumens:	5378.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 63
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





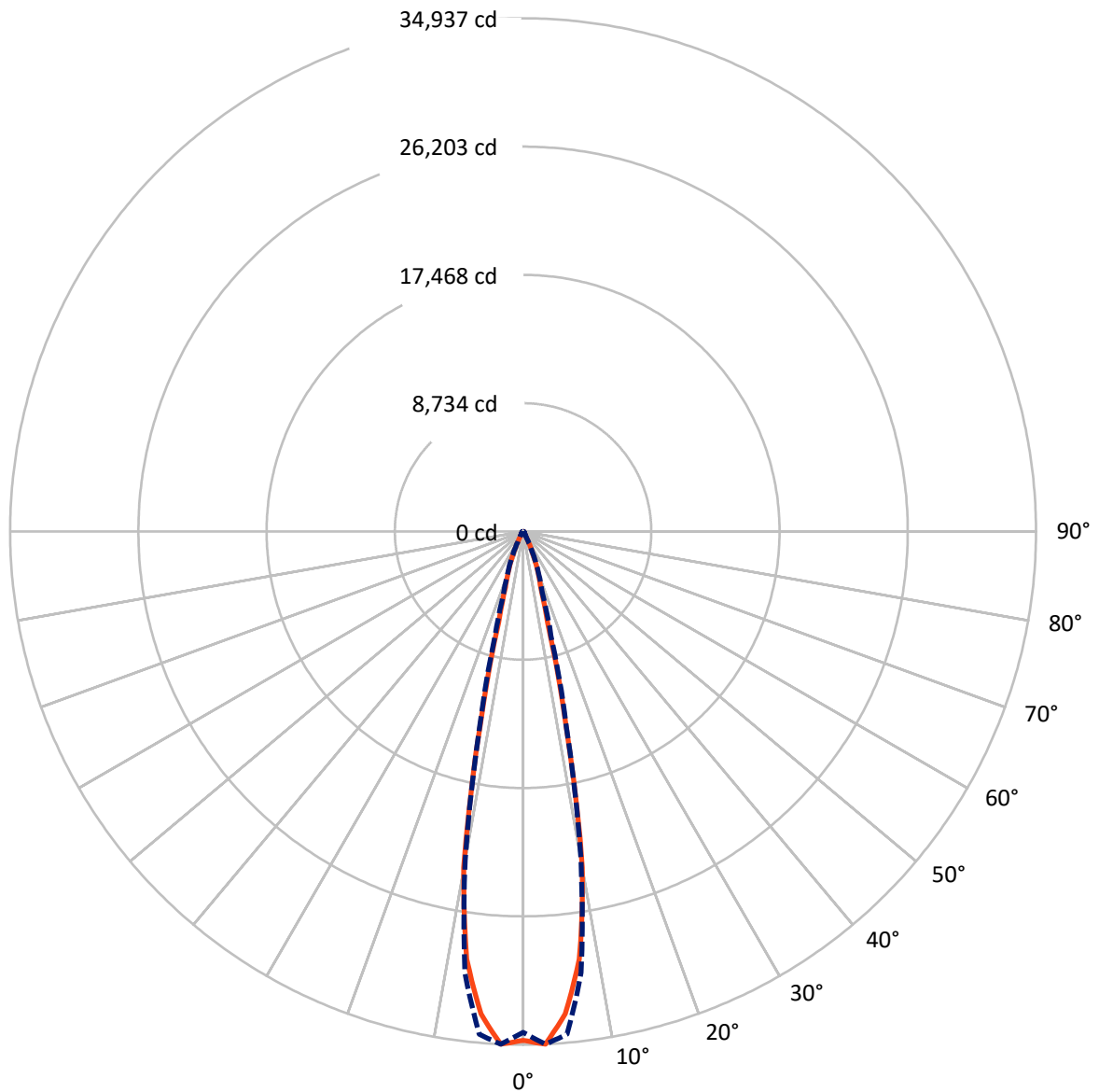
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Lumen Table

90	0.1	0.7	1.8	2.8	3.3	2.8	1.8	0.7	0.1										
80	0.1	0.7	1.8	2.8	3.3	2.8	1.8	0.7	0.1										
70	0.3	0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3	0.3			
60		0.5	1.0	1.6	2.2	2.6	2.9	3.0	3.0	2.9	2.6	2.2	1.6	1.0	0.5				
50	0.6	0.7	1.3	2.0	2.5	3.1	3.6	3.8	3.8	3.6	3.1	2.5	2.0	1.3	0.7	0.6			
40		0.8	1.5	2.2	3.0	4.1	5.4	6.5	6.5	5.4	4.1	3.0	2.2	1.5	0.8				
30	0.7	0.9	1.7	2.5	3.7	6.7	20.3	39.5	39.5	20.3	6.7	3.7	2.5	1.7	0.9	0.7			
20		1.0	1.7	2.6	4.7	20.0	92.5	237.8	237.8	92.5	20.0	4.7	2.6	1.7	1.0				
10	0.8	1.0	1.8	2.7	5.6	39.0	240.9	850.9	850.9	240.9	39.0	5.6	2.7	1.8	1.0	0.8			
0		1.0	1.8	2.7	5.6	39.0	240.9	850.9	850.9	240.9	39.0	5.6	2.7	1.8	1.0				
-10	0.7	1.0	1.7	2.6	4.7	20.0	92.5	237.8	237.8	92.5	20.0	4.7	2.6	1.7	1.0	0.7			
-20		0.9	1.7	2.5	3.7	6.7	20.3	39.5	39.5	20.3	6.7	3.7	2.5	1.7	0.9				
-30	0.6	0.8	1.5	2.2	3.0	4.1	5.4	6.5	6.5	5.4	4.1	3.0	2.2	1.5	0.8	0.6			
-40		0.7	1.3	2.0	2.5	3.1	3.6	3.8	3.8	3.6	3.1	2.5	2.0	1.3	0.7				
-50	0.3	0.5	1.0	1.6	2.2	2.6	2.9	3.0	3.0	2.9	2.6	2.2	1.6	1.0	0.5	0.3			
-60		0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3				
-70	0.1	0.7	1.8	2.8	3.3	2.8	1.8	0.7	0.1							0.1			
-80		0.1	0.7	1.8	2.8	3.3	2.8	1.8	0.7	0.1									
-90	0.1	0.7	1.8	2.8	3.3	2.8	1.8	0.7	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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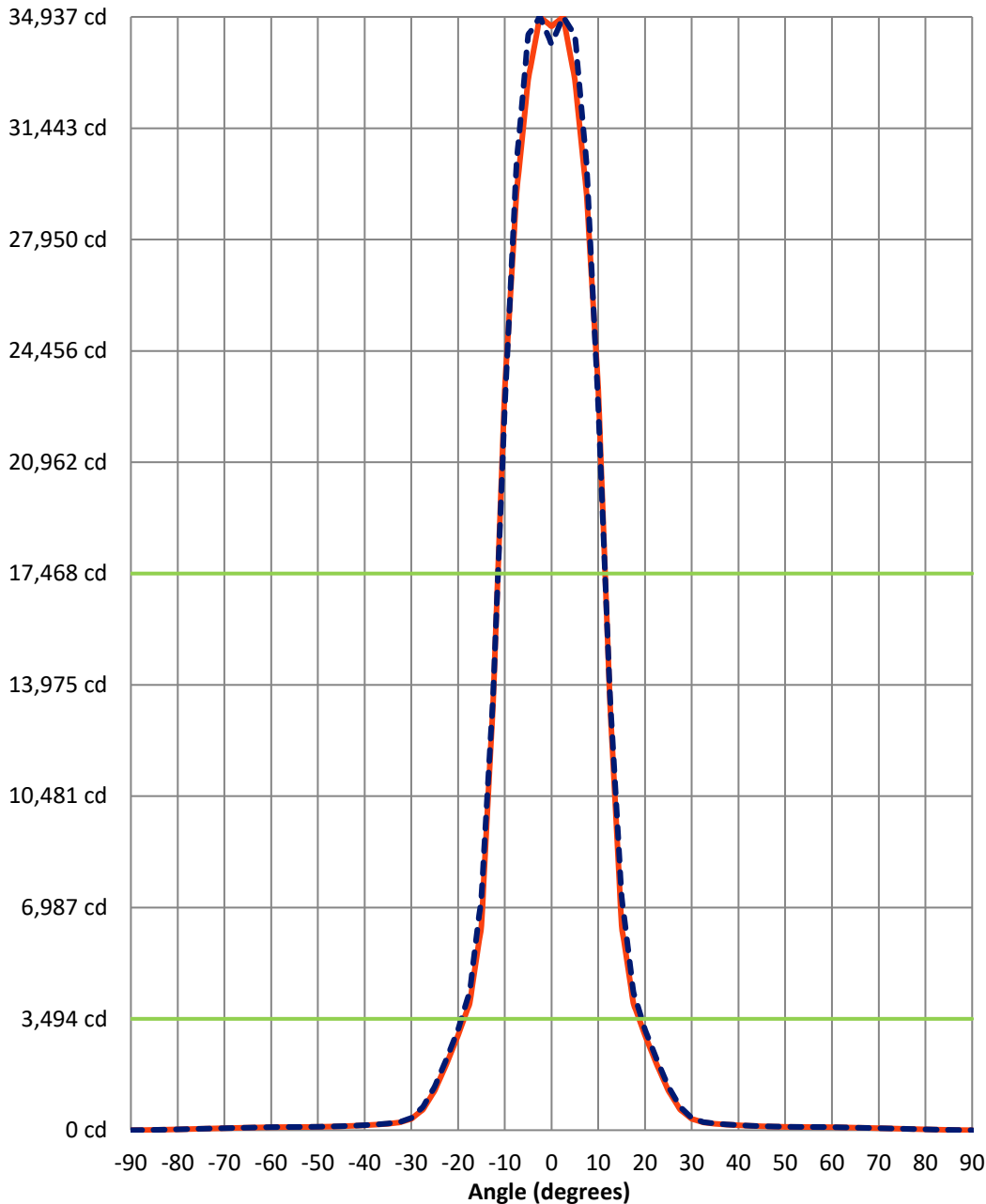
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 3566.7
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 5378.7
 Efficiency: 81.4%

Spill:
 Lumens: 1227.8
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.6	5.3
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.8	5.8	6.9	7.9
77.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.3	6.5	7.8	9.1	10.5
75°	0.0	1.0	1.9	2.9	3.9	5.3	6.7	8.2	9.8	11.6	13.4
72.5°	0.0	1.1	2.2	3.3	4.9	6.5	8.1	10.0	12.1	14.2	16.2
70°	0.0	1.3	2.5	3.8	5.8	7.7	9.6	12.0	14.5	16.8	19.5
67.5°	0.0	1.4	2.8	4.6	6.8	8.9	11.4	14.1	16.8	19.9	22.9
65°	0.0	1.6	3.1	5.3	7.8	10.2	13.1	16.1	19.5	22.9	26.4
62.5°	0.0	1.7	3.4	6.0	8.7	11.6	14.8	18.4	22.2	26.0	30.0
60°	0.0	1.8	3.7	6.7	9.6	13.0	16.5	20.6	24.8	29.1	33.5
57.5°	0.0	2.0	4.2	7.4	10.7	14.4	18.4	22.9	27.5	32.2	36.9
55°	0.0	2.1	4.6	8.1	11.7	15.7	20.3	25.1	30.2	35.3	40.3
52.5°	0.0	2.3	5.0	8.8	12.7	16.9	22.1	27.4	32.8	38.2	43.6
50°	0.0	2.4	5.5	9.4	13.7	18.4	23.8	29.6	35.3	41.1	46.8
47.5°	0.0	2.5	5.9	10.0	14.6	19.8	25.6	31.8	37.8	43.8	50.0
45°	0.0	2.6	6.3	10.7	15.5	21.2	27.4	33.9	40.2	46.6	53.1
42.5°	0.0	2.7	6.6	11.3	16.3	22.5	29.1	35.9	42.5	49.4	55.9
40°	0.0	2.8	7.0	11.9	17.2	23.7	30.8	37.9	44.7	52.0	58.5
37.5°	0.0	2.9	7.3	12.5	18.1	24.9	32.4	39.7	47.0	54.4	61.0
35°	0.0	3.0	7.7	13.0	19.0	26.1	34.0	41.4	49.0	56.4	63.3
32.5°	0.0	3.1	8.0	13.5	19.9	27.3	35.4	43.1	51.0	58.4	65.6
30°	0.0	3.2	8.2	14.0	20.7	28.5	36.7	44.6	52.8	60.2	67.7
27.5°	0.0	3.3	8.5	14.4	21.4	29.5	37.9	46.1	54.4	61.9	69.6
25°	0.0	3.4	8.7	14.8	22.1	30.5	39.1	47.4	55.7	63.4	71.3
22.5°	0.0	3.4	9.0	15.1	22.8	31.4	40.1	48.6	57.0	64.8	72.7
20°	0.0	3.5	9.2	15.5	23.4	32.2	41.0	49.7	58.1	66.0	74.0
17.5°	0.0	3.5	9.3	15.8	23.9	32.9	41.9	50.7	59.1	67.1	75.2
15°	0.0	3.6	9.5	16.0	24.4	33.5	42.6	51.5	60.0	67.9	76.2
12.5°	0.0	3.6	9.6	16.2	24.8	34.0	43.1	52.2	60.7	68.6	77.0
10°	0.0	3.6	9.7	16.4	25.2	34.5	43.6	52.8	61.3	69.4	77.7
7.5°	0.0	3.7	9.8	16.5	25.5	34.8	44.0	53.2	61.8	70.0	78.2
5°	0.0	3.7	9.9	16.6	25.7	35.0	44.3	53.5	62.1	70.5	78.5
2.5°	0.0	3.7	9.9	16.7	25.9	35.2	44.4	53.7	62.3	70.9	78.6
0°	0.0	3.7	9.9	16.7	26.0	35.2	44.5	53.8	62.4	71.1	78.5
-2.5°	0.0	3.7	9.9	16.7	26.0	35.2	44.5	53.8	62.4	71.1	78.5
-5°	0.0	3.7	9.9	16.6	25.7	35.0	44.3	53.5	62.1	70.5	78.5
-7.5°	0.0	3.7	9.8	16.5	25.5	34.8	44.0	53.2	61.8	70.0	78.2
-10°	0.0	3.6	9.7	16.4	25.2	34.5	43.6	52.8	61.3	69.4	77.7
-12.5°	0.0	3.6	9.6	16.2	24.8	34.0	43.1	52.2	60.7	68.6	77.0
-15°	0.0	3.6	9.5	16.0	24.4	33.5	42.6	51.5	60.0	67.9	76.2
-17.5°	0.0	3.5	9.3	15.8	23.9	32.9	41.9	50.7	59.1	67.1	75.2
-20°	0.0	3.5	9.2	15.5	23.4	32.2	41.0	49.7	58.1	66.0	74.0



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	9.0	15.1	22.8	31.4	40.1	48.6	57.0	64.8	72.7
-25°	0.0	3.4	8.7	14.8	22.1	30.5	39.1	47.4	55.7	63.4	71.3
-27.5°	0.0	3.3	8.5	14.4	21.4	29.5	37.9	46.1	54.4	61.9	69.6
-30°	0.0	3.2	8.2	14.0	20.7	28.5	36.7	44.6	52.8	60.2	67.7
-32.5°	0.0	3.1	8.0	13.5	19.9	27.3	35.4	43.1	51.0	58.4	65.6
-35°	0.0	3.0	7.7	13.0	19.0	26.1	34.0	41.4	49.0	56.4	63.3
-37.5°	0.0	2.9	7.3	12.5	18.1	24.9	32.4	39.7	47.0	54.4	61.0
-40°	0.0	2.8	7.0	11.9	17.2	23.7	30.8	37.9	44.7	52.0	58.5
-42.5°	0.0	2.7	6.6	11.3	16.3	22.5	29.1	35.9	42.5	49.4	55.9
-45°	0.0	2.6	6.3	10.7	15.5	21.2	27.4	33.9	40.2	46.6	53.1
-47.5°	0.0	2.5	5.9	10.0	14.6	19.8	25.6	31.8	37.8	43.8	50.0
-50°	0.0	2.4	5.5	9.4	13.7	18.4	23.8	29.6	35.3	41.1	46.8
-52.5°	0.0	2.3	5.0	8.8	12.7	16.9	22.1	27.4	32.8	38.2	43.6
-55°	0.0	2.1	4.6	8.1	11.7	15.7	20.3	25.1	30.2	35.3	40.3
-57.5°	0.0	2.0	4.2	7.4	10.7	14.4	18.4	22.9	27.5	32.2	36.9
-60°	0.0	1.8	3.7	6.7	9.6	13.0	16.5	20.6	24.8	29.1	33.5
-62.5°	0.0	1.7	3.4	6.0	8.7	11.6	14.8	18.4	22.2	26.0	30.0
-65°	0.0	1.6	3.1	5.3	7.8	10.2	13.1	16.1	19.5	22.9	26.4
-67.5°	0.0	1.4	2.8	4.6	6.8	8.9	11.4	14.1	16.8	19.9	22.9
-70°	0.0	1.3	2.5	3.8	5.8	7.7	9.6	12.0	14.5	16.8	19.5
-72.5°	0.0	1.1	2.2	3.3	4.9	6.5	8.1	10.0	12.1	14.2	16.2
-75°	0.0	1.0	1.9	2.9	3.9	5.3	6.7	8.2	9.8	11.6	13.4
-77.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.3	6.5	7.8	9.1	10.5
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.8	5.8	6.9	7.9
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.6	5.3
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	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):

	-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°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
85°	3.4	3.7	4.1	4.5	4.9	5.2	5.5	5.8	6.1	6.5	6.9
82.5°	6.0	6.6	7.2	7.7	8.2	8.6	9.0	9.7	10.5	11.2	11.8
80°	8.8	9.6	10.5	11.4	12.4	13.3	14.3	15.3	16.1	16.9	17.8
77.5°	11.8	13.1	14.3	15.6	16.9	18.4	19.8	21.2	22.5	23.7	24.9
75°	14.9	16.5	18.4	20.3	22.1	23.8	25.6	27.3	29.0	30.6	32.2
72.5°	18.4	20.6	22.9	25.1	27.5	29.7	31.9	33.8	35.9	38.0	39.9
70°	22.2	24.8	27.6	30.4	33.3	35.8	38.3	40.9	43.4	45.6	47.5
67.5°	26.0	29.2	32.5	35.7	38.8	41.7	44.7	47.6	50.2	52.5	54.7
65°	30.0	33.6	37.2	40.7	44.1	47.6	50.9	54.0	56.8	59.4	61.8
62.5°	33.9	37.9	41.8	45.7	49.7	53.5	56.9	60.1	63.2	66.0	68.7
60°	37.8	42.1	46.3	50.7	55.0	59.0	62.7	66.1	69.3	72.4	75.1
57.5°	41.5	46.1	50.8	55.5	60.0	64.3	68.1	71.7	75.0	78.1	80.9
55°	45.2	50.1	55.1	60.0	64.8	69.2	73.3	76.9	80.3	83.2	85.9
52.5°	48.9	53.9	59.2	64.4	69.3	73.9	78.0	81.7	84.8	87.8	90.2
50°	52.4	57.8	63.2	68.5	73.5	78.1	82.3	85.8	88.9	91.6	93.8
47.5°	55.8	61.5	66.9	72.3	77.4	82.0	86.1	89.4	92.4	94.8	96.9
45°	59.0	64.9	70.5	75.8	80.9	85.5	89.3	92.7	95.4	97.8	99.9
42.5°	62.1	68.2	73.9	79.2	84.2	88.6	92.4	95.5	98.3	100.7	103.0
40°	65.0	71.4	77.2	82.4	87.3	91.5	95.0	98.1	100.9	103.6	106.2
37.5°	67.8	74.3	80.3	85.6	89.9	94.0	97.4	100.6	103.7	106.6	110.1
35°	70.6	77.1	83.1	88.3	92.6	96.2	99.7	103.2	106.7	110.5	114.5
32.5°	73.1	79.8	85.9	90.7	94.7	98.3	102.0	106.1	110.3	114.6	119.5
30°	75.3	82.3	88.4	92.9	96.6	100.2	104.5	109.3	114.2	119.1	124.8
27.5°	77.3	84.6	90.3	94.6	98.3	101.7	106.6	112.7	118.0	123.2	129.6
25°	79.1	86.4	92.0	96.1	99.5	103.2	108.2	114.5	121.3	127.0	135.8
22.5°	80.7	88.1	93.6	97.4	100.5	104.5	109.6	115.8	122.7	129.9	142.1
20°	82.0	89.3	94.9	98.5	101.2	105.4	110.3	116.6	124.4	134.7	148.2
17.5°	83.2	90.5	96.0	99.2	102.1	106.1	110.5	117.1	126.1	139.1	153.9
15°	84.2	91.7	96.8	99.8	102.8	106.7	111.6	118.5	128.8	143.1	159.1
12.5°	85.0	92.9	97.5	100.3	103.3	107.2	112.7	120.5	132.0	147.1	164.8
10°	85.7	94.0	98.1	100.7	103.5	107.5	113.6	122.1	134.6	150.8	169.9
7.5°	86.3	94.8	98.5	101.0	103.5	107.6	114.4	123.3	136.5	153.9	174.1
5°	86.7	95.4	98.9	101.2	103.5	107.7	115.0	124.0	137.7	156.2	177.3
2.5°	87.0	95.7	99.3	101.3	103.4	107.7	115.4	125.2	139.3	158.0	179.2
0°	87.1	95.8	99.5	101.3	103.2	107.5	115.6	126.1	140.3	158.8	179.8
-2.5°	87.0	95.7	99.3	101.3	103.4	107.7	115.4	125.2	139.3	158.0	179.2
-5°	86.7	95.4	98.9	101.2	103.5	107.7	115.0	124.0	137.7	156.2	177.3
-7.5°	86.3	94.8	98.5	101.0	103.5	107.6	114.4	123.3	136.5	153.9	174.1
-10°	85.7	94.0	98.1	100.7	103.5	107.5	113.6	122.1	134.6	150.8	169.9
-12.5°	85.0	92.9	97.5	100.3	103.3	107.2	112.7	120.5	132.0	147.1	164.8
-15°	84.2	91.7	96.8	99.8	102.8	106.7	111.6	118.5	128.8	143.1	159.1
-17.5°	83.2	90.5	96.0	99.2	102.1	106.1	110.5	117.1	126.1	139.1	153.9
-20°	82.0	89.3	94.9	98.5	101.2	105.4	110.3	116.6	124.4	134.7	148.2



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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°	80.7	88.1	93.6	97.4	100.5	104.5	109.6	115.8	122.7	129.9	142.1
-25°	79.1	86.4	92.0	96.1	99.5	103.2	108.2	114.5	121.3	127.0	135.8
-27.5°	77.3	84.6	90.3	94.6	98.3	101.7	106.6	112.7	118.0	123.2	129.6
-30°	75.3	82.3	88.4	92.9	96.6	100.2	104.5	109.3	114.2	119.1	124.8
-32.5°	73.1	79.8	85.9	90.7	94.7	98.3	102.0	106.1	110.3	114.6	119.5
-35°	70.6	77.1	83.1	88.3	92.6	96.2	99.7	103.2	106.7	110.5	114.5
-37.5°	67.8	74.3	80.3	85.6	89.9	94.0	97.4	100.6	103.7	106.6	110.1
-40°	65.0	71.4	77.2	82.4	87.3	91.5	95.0	98.1	100.9	103.6	106.2
-42.5°	62.1	68.2	73.9	79.2	84.2	88.6	92.4	95.5	98.3	100.7	103.0
-45°	59.0	64.9	70.5	75.8	80.9	85.5	89.3	92.7	95.4	97.8	99.9
-47.5°	55.8	61.5	66.9	72.3	77.4	82.0	86.1	89.4	92.4	94.8	96.9
-50°	52.4	57.8	63.2	68.5	73.5	78.1	82.3	85.8	88.9	91.6	93.8
-52.5°	48.9	53.9	59.2	64.4	69.3	73.9	78.0	81.7	84.8	87.8	90.2
-55°	45.2	50.1	55.1	60.0	64.8	69.2	73.3	76.9	80.3	83.2	85.9
-57.5°	41.5	46.1	50.8	55.5	60.0	64.3	68.1	71.7	75.0	78.1	80.9
-60°	37.8	42.1	46.3	50.7	55.0	59.0	62.7	66.1	69.3	72.4	75.1
-62.5°	33.9	37.9	41.8	45.7	49.7	53.5	56.9	60.1	63.2	66.0	68.7
-65°	30.0	33.6	37.2	40.7	44.1	47.6	50.9	54.0	56.8	59.4	61.8
-67.5°	26.0	29.2	32.5	35.7	38.8	41.7	44.7	47.6	50.2	52.5	54.7
-70°	22.2	24.8	27.6	30.4	33.3	35.8	38.3	40.9	43.4	45.6	47.5
-72.5°	18.4	20.6	22.9	25.1	27.5	29.7	31.9	33.8	35.9	38.0	39.9
-75°	14.9	16.5	18.4	20.3	22.1	23.8	25.6	27.3	29.0	30.6	32.2
-77.5°	11.8	13.1	14.3	15.6	16.9	18.4	19.8	21.2	22.5	23.7	24.9
-80°	8.8	9.6	10.5	11.4	12.4	13.3	14.3	15.3	16.1	16.9	17.8
-82.5°	6.0	6.6	7.2	7.7	8.2	8.6	9.0	9.7	10.5	11.2	11.8
-85°	3.4	3.7	4.1	4.5	4.9	5.2	5.5	5.8	6.1	6.5	6.9
-87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-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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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°	3.0	3.0	2.9	2.9	2.8	3.0	3.2	3.4	3.6	3.6	3.6
85°	7.3	7.5	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.2	9.4
82.5°	12.4	12.9	13.4	13.8	14.2	14.6	15.1	15.5	15.9	16.2	16.4
80°	18.6	19.4	20.2	20.9	21.5	22.2	22.9	23.5	24.1	24.5	24.8
77.5°	26.1	27.1	28.1	29.0	29.9	30.8	31.5	32.0	32.5	33.1	33.6
75°	33.6	35.0	36.3	37.5	38.6	39.5	40.4	41.1	41.8	42.5	43.0
72.5°	41.6	43.2	44.6	45.9	47.2	48.4	49.5	50.5	51.4	52.1	52.7
70°	49.3	51.1	52.8	54.4	55.9	57.2	58.4	59.5	60.4	61.2	61.8
67.5°	56.8	58.7	60.6	62.4	64.0	65.5	66.8	68.1	69.3	70.1	70.7
65°	64.1	66.3	68.4	70.3	71.9	73.4	74.9	76.2	77.4	78.2	78.8
62.5°	71.3	73.6	75.7	77.6	79.4	81.0	82.3	83.5	84.6	85.6	86.1
60°	77.7	80.1	82.1	83.9	85.6	87.1	88.4	89.7	90.9	92.0	92.8
57.5°	83.3	85.6	87.6	89.3	90.8	92.2	93.4	94.5	95.3	95.9	96.5
55°	88.3	90.3	92.2	93.8	95.1	96.2	97.2	97.9	98.5	98.9	99.3
52.5°	92.5	94.4	96.2	97.8	98.8	99.7	100.5	101.4	102.0	102.0	102.0
50°	95.9	97.8	99.5	100.9	102.3	103.9	105.5	106.3	106.6	106.4	106.1
47.5°	98.9	100.9	102.7	104.5	106.5	109.1	111.7	113.0	112.9	112.3	112.1
45°	102.0	104.1	106.3	108.9	111.7	115.1	118.2	120.2	120.2	120.2	120.7
42.5°	105.2	107.8	110.7	114.4	118.1	121.9	125.2	127.6	129.4	131.5	133.4
40°	109.1	112.0	116.4	121.0	125.8	129.8	134.9	139.2	142.8	146.1	148.6
37.5°	113.7	117.9	123.5	129.3	135.5	141.8	147.7	153.3	158.0	163.5	167.5
35°	119.2	125.2	132.0	139.2	147.0	154.9	162.6	171.5	179.3	186.2	191.9
32.5°	125.6	132.9	141.2	150.8	160.4	171.0	182.0	193.4	204.4	215.8	227.2
30°	132.1	141.6	152.2	163.9	175.3	189.1	203.4	222.1	241.6	263.8	298.0
27.5°	139.9	151.3	163.7	177.1	192.8	210.4	238.1	272.5	331.2	375.1	493.0
25°	147.6	160.6	176.5	193.9	215.0	247.2	313.3	389.7	560.0	719.5	903.6
22.5°	155.4	171.6	190.6	211.8	248.5	331.4	457.3	687.9	950.9	1230.1	1514.5
20°	163.2	182.4	206.2	241.6	318.3	460.2	742.8	1113.2	1487.0	1943.6	2338.5
17.5°	172.1	195.8	227.0	280.2	406.6	710.5	1128.5	1642.6	2221.0	2808.0	3300.9
15°	179.4	207.2	248.9	353.0	591.6	994.8	1541.8	2238.6	3027.3	3769.4	4402.5
12.5°	187.5	219.8	274.7	412.0	762.3	1292.4	2013.2	2870.7	3816.9	4833.8	6443.8
10°	194.9	232.5	317.9	534.6	959.0	1593.1	2435.4	3401.6	4549.1	6585.0	10390.9
7.5°	201.2	242.6	350.4	625.9	1137.1	1876.8	2779.6	3855.6	5580.8	9001.2	15405.7
5°	205.5	249.3	372.9	694.3	1278.9	2086.1	2999.7	4154.5	6633.3	11954.7	19666.3
2.5°	208.5	252.9	385.0	734.2	1368.6	2224.6	3155.6	4355.7	7339.9	13663.1	22698.2
0°	210.7	254.0	387.5	768.7	1399.0	2271.6	3163.3	4409.7	7582.2	14330.1	23778.5
-2.5°	208.5	252.9	385.0	734.2	1368.6	2224.6	3155.6	4355.7	7339.9	13663.1	22698.2
-5°	205.5	249.3	372.9	694.3	1278.9	2086.1	2999.7	4154.5	6633.3	11954.7	19666.3
-7.5°	201.2	242.6	350.4	625.9	1137.1	1876.8	2779.6	3855.6	5580.8	9001.2	15405.7
-10°	194.9	232.5	317.9	534.6	959.0	1593.1	2435.4	3401.6	4549.1	6585.0	10390.9
-12.5°	187.5	219.8	274.7	412.0	762.3	1292.4	2013.2	2870.7	3816.9	4833.8	6443.8
-15°	179.4	207.2	248.9	353.0	591.6	994.8	1541.8	2238.6	3027.3	3769.4	4402.5
-17.5°	172.1	195.8	227.0	280.2	406.6	710.5	1128.5	1642.6	2221.0	2808.0	3300.9
-20°	163.2	182.4	206.2	241.6	318.3	460.2	742.8	1113.2	1487.0	1943.6	2338.5



REPORT NUMBER: P558631 (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°	155.4	171.6	190.6	211.8	248.5	331.4	457.3	687.9	950.9	1230.1	1514.5
-25°	147.6	160.6	176.5	193.9	215.0	247.2	313.3	389.7	560.0	719.5	903.6
-27.5°	139.9	151.3	163.7	177.1	192.8	210.4	238.1	272.5	331.2	375.1	493.0
-30°	132.1	141.6	152.2	163.9	175.3	189.1	203.4	222.1	241.6	263.8	298.0
-32.5°	125.6	132.9	141.2	150.8	160.4	171.0	182.0	193.4	204.4	215.8	227.2
-35°	119.2	125.2	132.0	139.2	147.0	154.9	162.6	171.5	179.3	186.2	191.9
-37.5°	113.7	117.9	123.5	129.3	135.5	141.8	147.7	153.3	158.0	163.5	167.5
-40°	109.1	112.0	116.4	121.0	125.8	129.8	134.9	139.2	142.8	146.1	148.6
-42.5°	105.2	107.8	110.7	114.4	118.1	121.9	125.2	127.6	129.4	131.5	133.4
-45°	102.0	104.1	106.3	108.9	111.7	115.1	118.2	120.2	120.2	120.2	120.7
-47.5°	98.9	100.9	102.7	104.5	106.5	109.1	111.7	113.0	112.9	112.3	112.1
-50°	95.9	97.8	99.5	100.9	102.3	103.9	105.5	106.3	106.6	106.4	106.1
-52.5°	92.5	94.4	96.2	97.8	98.8	99.7	100.5	101.4	102.0	102.0	102.0
-55°	88.3	90.3	92.2	93.8	95.1	96.2	97.2	97.9	98.5	98.9	99.3
-57.5°	83.3	85.6	87.6	89.3	90.8	92.2	93.4	94.5	95.3	95.9	96.5
-60°	77.7	80.1	82.1	83.9	85.6	87.1	88.4	89.7	90.9	92.0	92.8
-62.5°	71.3	73.6	75.7	77.6	79.4	81.0	82.3	83.5	84.6	85.6	86.1
-65°	64.1	66.3	68.4	70.3	71.9	73.4	74.9	76.2	77.4	78.2	78.8
-67.5°	56.8	58.7	60.6	62.4	64.0	65.5	66.8	68.1	69.3	70.1	70.7
-70°	49.3	51.1	52.8	54.4	55.9	57.2	58.4	59.5	60.4	61.2	61.8
-72.5°	41.6	43.2	44.6	45.9	47.2	48.4	49.5	50.5	51.4	52.1	52.7
-75°	33.6	35.0	36.3	37.5	38.6	39.5	40.4	41.1	41.8	42.5	43.0
-77.5°	26.1	27.1	28.1	29.0	29.9	30.8	31.5	32.0	32.5	33.1	33.6
-80°	18.6	19.4	20.2	20.9	21.5	22.2	22.9	23.5	24.1	24.5	24.8
-82.5°	12.4	12.9	13.4	13.8	14.2	14.6	15.1	15.5	15.9	16.2	16.4
-85°	7.3	7.5	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.2	9.4
-87.5°	3.0	3.0	2.9	2.9	2.8	3.0	3.2	3.4	3.6	3.6	3.6
-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: P558631 (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°
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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.4
85°	9.6	9.9	9.6	9.3	9.6	9.9	9.6	9.4	9.2	8.9	8.8
82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.5
80°	25.0	25.2	25.6	26.0	25.6	25.2	25.0	24.8	24.5	24.1	23.5
77.5°	34.0	34.4	34.6	34.6	34.6	34.4	34.0	33.6	33.1	32.5	32.0
75°	43.4	43.7	44.4	45.1	44.4	43.7	43.4	43.0	42.5	41.8	41.1
72.5°	53.2	53.5	54.0	54.4	54.0	53.5	53.2	52.7	52.1	51.4	50.5
70°	62.3	62.7	62.9	63.0	62.9	62.7	62.3	61.8	61.2	60.4	59.5
67.5°	71.2	71.4	71.3	71.1	71.3	71.4	71.2	70.7	70.1	69.3	68.1
65°	79.2	79.4	79.3	79.1	79.3	79.4	79.2	78.8	78.2	77.4	76.2
62.5°	86.6	86.8	87.0	87.1	87.0	86.8	86.6	86.1	85.6	84.6	83.5
60°	93.5	94.1	94.4	94.5	94.4	94.1	93.5	92.8	92.0	90.9	89.7
57.5°	97.0	97.4	97.6	97.6	97.6	97.4	97.0	96.5	95.9	95.3	94.5
55°	99.4	99.4	99.2	98.9	99.2	99.4	99.4	99.3	98.9	98.5	97.9
52.5°	101.8	101.4	101.3	101.3	101.3	101.4	101.8	102.0	102.0	102.0	101.4
50°	105.8	105.3	105.0	105.1	105.0	105.3	105.8	106.1	106.4	106.6	106.3
47.5°	112.4	112.7	112.9	113.1	112.9	112.7	112.4	112.1	112.3	112.9	113.0
45°	121.9	122.8	123.4	123.6	123.4	122.8	121.9	120.7	120.2	120.2	120.2
42.5°	135.2	136.3	136.7	136.6	136.7	136.3	135.2	133.4	131.5	129.4	127.6
40°	151.2	153.3	154.5	154.5	154.5	153.3	151.2	148.6	146.1	142.8	139.2
37.5°	171.1	173.9	175.3	174.9	175.3	173.9	171.1	167.5	163.5	158.0	153.3
35°	196.2	199.0	200.1	201.4	200.1	199.0	196.2	191.9	186.2	179.3	171.5
32.5°	236.2	241.8	244.0	241.0	244.0	241.8	236.2	227.2	215.8	204.4	193.4
30°	321.2	341.6	355.3	362.1	355.3	341.6	321.2	298.0	263.8	241.6	222.1
27.5°	574.1	627.8	650.5	663.1	650.5	627.8	574.1	493.0	375.1	331.2	272.5
25°	1061.3	1175.9	1241.9	1236.5	1241.9	1175.9	1061.3	903.6	719.5	560.0	389.7
22.5°	1778.7	1959.5	2068.0	2107.8	2068.0	1959.5	1778.7	1514.5	1230.1	950.9	687.9
20°	2668.1	2870.8	2976.8	2992.7	2976.8	2870.8	2668.1	2338.5	1943.6	1487.0	1113.2
17.5°	3688.8	3881.0	3992.7	3991.3	3992.7	3881.0	3688.8	3300.9	2808.0	2221.0	1642.6
15°	5264.6	6008.5	6428.0	6366.7	6428.0	6008.5	5264.6	4402.5	3769.4	3027.3	2238.6
12.5°	8626.4	11597.6	13440.6	13895.7	13440.6	11597.6	8626.4	6443.8	4833.8	3816.9	2870.7
10°	15244.0	19689.0	23239.0	24264.8	23239.0	19689.0	15244.0	10390.9	6585.0	4549.1	3401.6
7.5°	21927.5	27203.0	29374.2	29626.5	29374.2	27203.0	21927.5	15405.7	9001.2	5580.8	3855.6
5°	26972.2	32340.3	32961.6	31400.9	32961.6	32340.3	26972.2	19666.3	11954.7	6633.3	4154.5
2.5°	30302.1	34357.8	34937.0	34096.9	34937.0	34357.8	30302.1	22698.2	13663.1	7339.9	4355.7
0°	31061.6	33821.3	34644.1	34734.1	34644.1	33821.3	31061.6	23778.5	14330.1	7582.2	4409.7
-2.5°	30302.1	34357.8	34937.0	34096.9	34937.0	34357.8	30302.1	22698.2	13663.1	7339.9	4355.7
-5°	26972.2	32340.3	32961.6	31400.9	32961.6	32340.3	26972.2	19666.3	11954.7	6633.3	4154.5
-7.5°	21927.5	27203.0	29374.2	29626.5	29374.2	27203.0	21927.5	15405.7	9001.2	5580.8	3855.6
-10°	15244.0	19689.0	23239.0	24264.8	23239.0	19689.0	15244.0	10390.9	6585.0	4549.1	3401.6
-12.5°	8626.4	11597.6	13440.6	13895.7	13440.6	11597.6	8626.4	6443.8	4833.8	3816.9	2870.7
-15°	5264.6	6008.5	6428.0	6366.7	6428.0	6008.5	5264.6	4402.5	3769.4	3027.3	2238.6
-17.5°	3688.8	3881.0	3992.7	3991.3	3992.7	3881.0	3688.8	3300.9	2808.0	2221.0	1642.6
-20°	2668.1	2870.8	2976.8	2992.7	2976.8	2870.8	2668.1	2338.5	1943.6	1487.0	1113.2



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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°	1778.7	1959.5	2068.0	2107.8	2068.0	1959.5	1778.7	1514.5	1230.1	950.9	687.9
-25°	1061.3	1175.9	1241.9	1236.5	1241.9	1175.9	1061.3	903.6	719.5	560.0	389.7
-27.5°	574.1	627.8	650.5	663.1	650.5	627.8	574.1	493.0	375.1	331.2	272.5
-30°	321.2	341.6	355.3	362.1	355.3	341.6	321.2	298.0	263.8	241.6	222.1
-32.5°	236.2	241.8	244.0	241.0	244.0	241.8	236.2	227.2	215.8	204.4	193.4
-35°	196.2	199.0	200.1	201.4	200.1	199.0	196.2	191.9	186.2	179.3	171.5
-37.5°	171.1	173.9	175.3	174.9	175.3	173.9	171.1	167.5	163.5	158.0	153.3
-40°	151.2	153.3	154.5	154.5	154.5	153.3	151.2	148.6	146.1	142.8	139.2
-42.5°	135.2	136.3	136.7	136.6	136.7	136.3	135.2	133.4	131.5	129.4	127.6
-45°	121.9	122.8	123.4	123.6	123.4	122.8	121.9	120.7	120.2	120.2	120.2
-47.5°	112.4	112.7	112.9	113.1	112.9	112.7	112.4	112.1	112.3	112.9	113.0
-50°	105.8	105.3	105.0	105.1	105.0	105.3	105.8	106.1	106.4	106.6	106.3
-52.5°	101.8	101.4	101.3	101.3	101.3	101.4	101.8	102.0	102.0	102.0	101.4
-55°	99.4	99.4	99.2	98.9	99.2	99.4	99.4	99.3	98.9	98.5	97.9
-57.5°	97.0	97.4	97.6	97.6	97.6	97.4	97.0	96.5	95.9	95.3	94.5
-60°	93.5	94.1	94.4	94.5	94.4	94.1	93.5	92.8	92.0	90.9	89.7
-62.5°	86.6	86.8	87.0	87.1	87.0	86.8	86.6	86.1	85.6	84.6	83.5
-65°	79.2	79.4	79.3	79.1	79.3	79.4	79.2	78.8	78.2	77.4	76.2
-67.5°	71.2	71.4	71.3	71.1	71.3	71.4	71.2	70.7	70.1	69.3	68.1
-70°	62.3	62.7	62.9	63.0	62.9	62.7	62.3	61.8	61.2	60.4	59.5
-72.5°	53.2	53.5	54.0	54.4	54.0	53.5	53.2	52.7	52.1	51.4	50.5
-75°	43.4	43.7	44.4	45.1	44.4	43.7	43.4	43.0	42.5	41.8	41.1
-77.5°	34.0	34.4	34.6	34.6	34.6	34.4	34.0	33.6	33.1	32.5	32.0
-80°	25.0	25.2	25.6	26.0	25.6	25.2	25.0	24.8	24.5	24.1	23.5
-82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.5
-85°	9.6	9.9	9.6	9.3	9.6	9.9	9.6	9.4	9.2	8.9	8.8
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	3.2	3.0	2.8	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.6
85°	8.6	8.4	8.1	7.9	7.7	7.5	7.3	6.9	6.5	6.1	5.8
82.5°	15.1	14.6	14.2	13.8	13.4	12.9	12.4	11.8	11.2	10.5	9.7
80°	22.9	22.2	21.5	20.9	20.2	19.4	18.6	17.8	16.9	16.1	15.3
77.5°	31.5	30.8	29.9	29.0	28.1	27.1	26.1	24.9	23.7	22.5	21.2
75°	40.4	39.5	38.6	37.5	36.3	35.0	33.6	32.2	30.6	29.0	27.3
72.5°	49.5	48.4	47.2	45.9	44.6	43.2	41.6	39.9	38.0	35.9	33.8
70°	58.4	57.2	55.9	54.4	52.8	51.1	49.3	47.5	45.6	43.4	40.9
67.5°	66.8	65.5	64.0	62.4	60.6	58.7	56.8	54.7	52.5	50.2	47.6
65°	74.9	73.4	71.9	70.3	68.4	66.3	64.1	61.8	59.4	56.8	54.0
62.5°	82.3	81.0	79.4	77.6	75.7	73.6	71.3	68.7	66.0	63.2	60.1
60°	88.4	87.1	85.6	83.9	82.1	80.1	77.7	75.1	72.4	69.3	66.1
57.5°	93.4	92.2	90.8	89.3	87.6	85.6	83.3	80.9	78.1	75.0	71.7
55°	97.2	96.2	95.1	93.8	92.2	90.3	88.3	85.9	83.2	80.3	76.9
52.5°	100.5	99.7	98.8	97.8	96.2	94.4	92.5	90.2	87.8	84.8	81.7
50°	105.5	103.9	102.3	100.9	99.5	97.8	95.9	93.8	91.6	88.9	85.8
47.5°	111.7	109.1	106.5	104.5	102.7	100.9	98.9	96.9	94.8	92.4	89.4
45°	118.2	115.1	111.7	108.9	106.3	104.1	102.0	99.9	97.8	95.4	92.7
42.5°	125.2	121.9	118.1	114.4	110.7	107.8	105.2	103.0	100.7	98.3	95.5
40°	134.9	129.8	125.8	121.0	116.4	112.0	109.1	106.2	103.6	100.9	98.1
37.5°	147.7	141.8	135.5	129.3	123.5	117.9	113.7	110.1	106.6	103.7	100.6
35°	162.6	154.9	147.0	139.2	132.0	125.2	119.2	114.5	110.5	106.7	103.2
32.5°	182.0	171.0	160.4	150.8	141.2	132.9	125.6	119.5	114.6	110.3	106.1
30°	203.4	189.1	175.3	163.9	152.2	141.6	132.1	124.8	119.1	114.2	109.3
27.5°	238.1	210.4	192.8	177.1	163.7	151.3	139.9	129.6	123.2	118.0	112.7
25°	313.3	247.2	215.0	193.9	176.5	160.6	147.6	135.8	127.0	121.3	114.5
22.5°	457.3	331.4	248.5	211.8	190.6	171.6	155.4	142.1	129.9	122.7	115.8
20°	742.8	460.2	318.3	241.6	206.2	182.4	163.2	148.2	134.7	124.4	116.6
17.5°	1128.5	710.5	406.6	280.2	227.0	195.8	172.1	153.9	139.1	126.1	117.1
15°	1541.8	994.8	591.6	353.0	248.9	207.2	179.4	159.1	143.1	128.8	118.5
12.5°	2013.2	1292.4	762.3	412.0	274.7	219.8	187.5	164.8	147.1	132.0	120.5
10°	2435.4	1593.1	959.0	534.6	317.9	232.5	194.9	169.9	150.8	134.6	122.1
7.5°	2779.6	1876.8	1137.1	625.9	350.4	242.6	201.2	174.1	153.9	136.5	123.3
5°	2999.7	2086.1	1278.9	694.3	372.9	249.3	205.5	177.3	156.2	137.7	124.0
2.5°	3155.6	2224.6	1368.6	734.2	385.0	252.9	208.5	179.2	158.0	139.3	125.2
0°	3163.3	2271.6	1399.0	768.7	387.5	254.0	210.7	179.8	158.8	140.3	126.1
-2.5°	3155.6	2224.6	1368.6	734.2	385.0	252.9	208.5	179.2	158.0	139.3	125.2
-5°	2999.7	2086.1	1278.9	694.3	372.9	249.3	205.5	177.3	156.2	137.7	124.0
-7.5°	2779.6	1876.8	1137.1	625.9	350.4	242.6	201.2	174.1	153.9	136.5	123.3
-10°	2435.4	1593.1	959.0	534.6	317.9	232.5	194.9	169.9	150.8	134.6	122.1
-12.5°	2013.2	1292.4	762.3	412.0	274.7	219.8	187.5	164.8	147.1	132.0	120.5
-15°	1541.8	994.8	591.6	353.0	248.9	207.2	179.4	159.1	143.1	128.8	118.5
-17.5°	1128.5	710.5	406.6	280.2	227.0	195.8	172.1	153.9	139.1	126.1	117.1
-20°	742.8	460.2	318.3	241.6	206.2	182.4	163.2	148.2	134.7	124.4	116.6



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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°	457.3	331.4	248.5	211.8	190.6	171.6	155.4	142.1	129.9	122.7	115.8
-25°	313.3	247.2	215.0	193.9	176.5	160.6	147.6	135.8	127.0	121.3	114.5
-27.5°	238.1	210.4	192.8	177.1	163.7	151.3	139.9	129.6	123.2	118.0	112.7
-30°	203.4	189.1	175.3	163.9	152.2	141.6	132.1	124.8	119.1	114.2	109.3
-32.5°	182.0	171.0	160.4	150.8	141.2	132.9	125.6	119.5	114.6	110.3	106.1
-35°	162.6	154.9	147.0	139.2	132.0	125.2	119.2	114.5	110.5	106.7	103.2
-37.5°	147.7	141.8	135.5	129.3	123.5	117.9	113.7	110.1	106.6	103.7	100.6
-40°	134.9	129.8	125.8	121.0	116.4	112.0	109.1	106.2	103.6	100.9	98.1
-42.5°	125.2	121.9	118.1	114.4	110.7	107.8	105.2	103.0	100.7	98.3	95.5
-45°	118.2	115.1	111.7	108.9	106.3	104.1	102.0	99.9	97.8	95.4	92.7
-47.5°	111.7	109.1	106.5	104.5	102.7	100.9	98.9	96.9	94.8	92.4	89.4
-50°	105.5	103.9	102.3	100.9	99.5	97.8	95.9	93.8	91.6	88.9	85.8
-52.5°	100.5	99.7	98.8	97.8	96.2	94.4	92.5	90.2	87.8	84.8	81.7
-55°	97.2	96.2	95.1	93.8	92.2	90.3	88.3	85.9	83.2	80.3	76.9
-57.5°	93.4	92.2	90.8	89.3	87.6	85.6	83.3	80.9	78.1	75.0	71.7
-60°	88.4	87.1	85.6	83.9	82.1	80.1	77.7	75.1	72.4	69.3	66.1
-62.5°	82.3	81.0	79.4	77.6	75.7	73.6	71.3	68.7	66.0	63.2	60.1
-65°	74.9	73.4	71.9	70.3	68.4	66.3	64.1	61.8	59.4	56.8	54.0
-67.5°	66.8	65.5	64.0	62.4	60.6	58.7	56.8	54.7	52.5	50.2	47.6
-70°	58.4	57.2	55.9	54.4	52.8	51.1	49.3	47.5	45.6	43.4	40.9
-72.5°	49.5	48.4	47.2	45.9	44.6	43.2	41.6	39.9	38.0	35.9	33.8
-75°	40.4	39.5	38.6	37.5	36.3	35.0	33.6	32.2	30.6	29.0	27.3
-77.5°	31.5	30.8	29.9	29.0	28.1	27.1	26.1	24.9	23.7	22.5	21.2
-80°	22.9	22.2	21.5	20.9	20.2	19.4	18.6	17.8	16.9	16.1	15.3
-82.5°	15.1	14.6	14.2	13.8	13.4	12.9	12.4	11.8	11.2	10.5	9.7
-85°	8.6	8.4	8.1	7.9	7.7	7.5	7.3	6.9	6.5	6.1	5.8
-87.5°	3.2	3.0	2.8	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.6
-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: P558631 (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°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
85°	5.5	5.2	4.9	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2
82.5°	9.0	8.6	8.2	7.7	7.2	6.6	6.0	5.3	4.6	3.8	3.3
80°	14.3	13.3	12.4	11.4	10.5	9.6	8.8	7.9	6.9	5.8	4.8
77.5°	19.8	18.4	16.9	15.6	14.3	13.1	11.8	10.5	9.1	7.8	6.5
75°	25.6	23.8	22.1	20.3	18.4	16.5	14.9	13.4	11.6	9.8	8.2
72.5°	31.9	29.7	27.5	25.1	22.9	20.6	18.4	16.2	14.2	12.1	10.0
70°	38.3	35.8	33.3	30.4	27.6	24.8	22.2	19.5	16.8	14.5	12.0
67.5°	44.7	41.7	38.8	35.7	32.5	29.2	26.0	22.9	19.9	16.8	14.1
65°	50.9	47.6	44.1	40.7	37.2	33.6	30.0	26.4	22.9	19.5	16.1
62.5°	56.9	53.5	49.7	45.7	41.8	37.9	33.9	30.0	26.0	22.2	18.4
60°	62.7	59.0	55.0	50.7	46.3	42.1	37.8	33.5	29.1	24.8	20.6
57.5°	68.1	64.3	60.0	55.5	50.8	46.1	41.5	36.9	32.2	27.5	22.9
55°	73.3	69.2	64.8	60.0	55.1	50.1	45.2	40.3	35.3	30.2	25.1
52.5°	78.0	73.9	69.3	64.4	59.2	53.9	48.9	43.6	38.2	32.8	27.4
50°	82.3	78.1	73.5	68.5	63.2	57.8	52.4	46.8	41.1	35.3	29.6
47.5°	86.1	82.0	77.4	72.3	66.9	61.5	55.8	50.0	43.8	37.8	31.8
45°	89.3	85.5	80.9	75.8	70.5	64.9	59.0	53.1	46.6	40.2	33.9
42.5°	92.4	88.6	84.2	79.2	73.9	68.2	62.1	55.9	49.4	42.5	35.9
40°	95.0	91.5	87.3	82.4	77.2	71.4	65.0	58.5	52.0	44.7	37.9
37.5°	97.4	94.0	89.9	85.6	80.3	74.3	67.8	61.0	54.4	47.0	39.7
35°	99.7	96.2	92.6	88.3	83.1	77.1	70.6	63.3	56.4	49.0	41.4
32.5°	102.0	98.3	94.7	90.7	85.9	79.8	73.1	65.6	58.4	51.0	43.1
30°	104.5	100.2	96.6	92.9	88.4	82.3	75.3	67.7	60.2	52.8	44.6
27.5°	106.6	101.7	98.3	94.6	90.3	84.6	77.3	69.6	61.9	54.4	46.1
25°	108.2	103.2	99.5	96.1	92.0	86.4	79.1	71.3	63.4	55.7	47.4
22.5°	109.6	104.5	100.5	97.4	93.6	88.1	80.7	72.7	64.8	57.0	48.6
20°	110.3	105.4	101.2	98.5	94.9	89.3	82.0	74.0	66.0	58.1	49.7
17.5°	110.5	106.1	102.1	99.2	96.0	90.5	83.2	75.2	67.1	59.1	50.7
15°	111.6	106.7	102.8	99.8	96.8	91.7	84.2	76.2	67.9	60.0	51.5
12.5°	112.7	107.2	103.3	100.3	97.5	92.9	85.0	77.0	68.6	60.7	52.2
10°	113.6	107.5	103.5	100.7	98.1	94.0	85.7	77.7	69.4	61.3	52.8
7.5°	114.4	107.6	103.5	101.0	98.5	94.8	86.3	78.2	70.0	61.8	53.2
5°	115.0	107.7	103.5	101.2	98.9	95.4	86.7	78.5	70.5	62.1	53.5
2.5°	115.4	107.7	103.4	101.3	99.3	95.7	87.0	78.6	70.9	62.3	53.7
0°	115.6	107.5	103.2	101.3	99.5	95.8	87.1	78.5	71.1	62.4	53.8
-2.5°	115.4	107.7	103.4	101.3	99.3	95.7	87.0	78.6	70.9	62.3	53.7
-5°	115.0	107.7	103.5	101.2	98.9	95.4	86.7	78.5	70.5	62.1	53.5
-7.5°	114.4	107.6	103.5	101.0	98.5	94.8	86.3	78.2	70.0	61.8	53.2
-10°	113.6	107.5	103.5	100.7	98.1	94.0	85.7	77.7	69.4	61.3	52.8
-12.5°	112.7	107.2	103.3	100.3	97.5	92.9	85.0	77.0	68.6	60.7	52.2
-15°	111.6	106.7	102.8	99.8	96.8	91.7	84.2	76.2	67.9	60.0	51.5
-17.5°	110.5	106.1	102.1	99.2	96.0	90.5	83.2	75.2	67.1	59.1	50.7
-20°	110.3	105.4	101.2	98.5	94.9	89.3	82.0	74.0	66.0	58.1	49.7



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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°	109.6	104.5	100.5	97.4	93.6	88.1	80.7	72.7	64.8	57.0	48.6
-25°	108.2	103.2	99.5	96.1	92.0	86.4	79.1	71.3	63.4	55.7	47.4
-27.5°	106.6	101.7	98.3	94.6	90.3	84.6	77.3	69.6	61.9	54.4	46.1
-30°	104.5	100.2	96.6	92.9	88.4	82.3	75.3	67.7	60.2	52.8	44.6
-32.5°	102.0	98.3	94.7	90.7	85.9	79.8	73.1	65.6	58.4	51.0	43.1
-35°	99.7	96.2	92.6	88.3	83.1	77.1	70.6	63.3	56.4	49.0	41.4
-37.5°	97.4	94.0	89.9	85.6	80.3	74.3	67.8	61.0	54.4	47.0	39.7
-40°	95.0	91.5	87.3	82.4	77.2	71.4	65.0	58.5	52.0	44.7	37.9
-42.5°	92.4	88.6	84.2	79.2	73.9	68.2	62.1	55.9	49.4	42.5	35.9
-45°	89.3	85.5	80.9	75.8	70.5	64.9	59.0	53.1	46.6	40.2	33.9
-47.5°	86.1	82.0	77.4	72.3	66.9	61.5	55.8	50.0	43.8	37.8	31.8
-50°	82.3	78.1	73.5	68.5	63.2	57.8	52.4	46.8	41.1	35.3	29.6
-52.5°	78.0	73.9	69.3	64.4	59.2	53.9	48.9	43.6	38.2	32.8	27.4
-55°	73.3	69.2	64.8	60.0	55.1	50.1	45.2	40.3	35.3	30.2	25.1
-57.5°	68.1	64.3	60.0	55.5	50.8	46.1	41.5	36.9	32.2	27.5	22.9
-60°	62.7	59.0	55.0	50.7	46.3	42.1	37.8	33.5	29.1	24.8	20.6
-62.5°	56.9	53.5	49.7	45.7	41.8	37.9	33.9	30.0	26.0	22.2	18.4
-65°	50.9	47.6	44.1	40.7	37.2	33.6	30.0	26.4	22.9	19.5	16.1
-67.5°	44.7	41.7	38.8	35.7	32.5	29.2	26.0	22.9	19.9	16.8	14.1
-70°	38.3	35.8	33.3	30.4	27.6	24.8	22.2	19.5	16.8	14.5	12.0
-72.5°	31.9	29.7	27.5	25.1	22.9	20.6	18.4	16.2	14.2	12.1	10.0
-75°	25.6	23.8	22.1	20.3	18.4	16.5	14.9	13.4	11.6	9.8	8.2
-77.5°	19.8	18.4	16.9	15.6	14.3	13.1	11.8	10.5	9.1	7.8	6.5
-80°	14.3	13.3	12.4	11.4	10.5	9.6	8.8	7.9	6.9	5.8	4.8
-82.5°	9.0	8.6	8.2	7.7	7.2	6.6	6.0	5.3	4.6	3.8	3.3
-85°	5.5	5.2	4.9	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2
-87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	5.3	4.1	3.2	2.4	1.6	0.8	0.0
75°	6.7	5.3	3.9	2.9	1.9	1.0	0.0
72.5°	8.1	6.5	4.9	3.3	2.2	1.1	0.0
70°	9.6	7.7	5.8	3.8	2.5	1.3	0.0
67.5°	11.4	8.9	6.8	4.6	2.8	1.4	0.0
65°	13.1	10.2	7.8	5.3	3.1	1.6	0.0
62.5°	14.8	11.6	8.7	6.0	3.4	1.7	0.0
60°	16.5	13.0	9.6	6.7	3.7	1.8	0.0
57.5°	18.4	14.4	10.7	7.4	4.2	2.0	0.0
55°	20.3	15.7	11.7	8.1	4.6	2.1	0.0
52.5°	22.1	16.9	12.7	8.8	5.0	2.3	0.0
50°	23.8	18.4	13.7	9.4	5.5	2.4	0.0
47.5°	25.6	19.8	14.6	10.0	5.9	2.5	0.0
45°	27.4	21.2	15.5	10.7	6.3	2.6	0.0
42.5°	29.1	22.5	16.3	11.3	6.6	2.7	0.0
40°	30.8	23.7	17.2	11.9	7.0	2.8	0.0
37.5°	32.4	24.9	18.1	12.5	7.3	2.9	0.0
35°	34.0	26.1	19.0	13.0	7.7	3.0	0.0
32.5°	35.4	27.3	19.9	13.5	8.0	3.1	0.0
30°	36.7	28.5	20.7	14.0	8.2	3.2	0.0
27.5°	37.9	29.5	21.4	14.4	8.5	3.3	0.0
25°	39.1	30.5	22.1	14.8	8.7	3.4	0.0
22.5°	40.1	31.4	22.8	15.1	9.0	3.4	0.0
20°	41.0	32.2	23.4	15.5	9.2	3.5	0.0
17.5°	41.9	32.9	23.9	15.8	9.3	3.5	0.0
15°	42.6	33.5	24.4	16.0	9.5	3.6	0.0
12.5°	43.1	34.0	24.8	16.2	9.6	3.6	0.0
10°	43.6	34.5	25.2	16.4	9.7	3.6	0.0
7.5°	44.0	34.8	25.5	16.5	9.8	3.7	0.0
5°	44.3	35.0	25.7	16.6	9.9	3.7	0.0
2.5°	44.4	35.2	25.9	16.7	9.9	3.7	0.0
0°	44.5	35.2	26.0	16.7	9.9	3.7	0.0
-2.5°	44.4	35.2	26.0	16.7	9.9	3.7	0.0
-5°	44.3	35.0	25.7	16.6	9.9	3.7	0.0
-7.5°	44.0	34.8	25.5	16.5	9.8	3.7	0.0
-10°	43.6	34.5	25.2	16.4	9.7	3.6	0.0
-12.5°	43.1	34.0	24.8	16.2	9.6	3.6	0.0
-15°	42.6	33.5	24.4	16.0	9.5	3.6	0.0
-17.5°	41.9	32.9	23.9	15.8	9.3	3.5	0.0
-20°	41.0	32.2	23.4	15.5	9.2	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.1	31.4	22.8	15.1	9.0	3.4	0.0
-25°	39.1	30.5	22.1	14.8	8.7	3.4	0.0
-27.5°	37.9	29.5	21.4	14.4	8.5	3.3	0.0
-30°	36.7	28.5	20.7	14.0	8.2	3.2	0.0
-32.5°	35.4	27.3	19.9	13.5	8.0	3.1	0.0
-35°	34.0	26.1	19.0	13.0	7.7	3.0	0.0
-37.5°	32.4	24.9	18.1	12.5	7.3	2.9	0.0
-40°	30.8	23.7	17.2	11.9	7.0	2.8	0.0
-42.5°	29.1	22.5	16.3	11.3	6.6	2.7	0.0
-45°	27.4	21.2	15.5	10.7	6.3	2.6	0.0
-47.5°	25.6	19.8	14.6	10.0	5.9	2.5	0.0
-50°	23.8	18.4	13.7	9.4	5.5	2.4	0.0
-52.5°	22.1	16.9	12.7	8.8	5.0	2.3	0.0
-55°	20.3	15.7	11.7	8.1	4.6	2.1	0.0
-57.5°	18.4	14.4	10.7	7.4	4.2	2.0	0.0
-60°	16.5	13.0	9.6	6.7	3.7	1.8	0.0
-62.5°	14.8	11.6	8.7	6.0	3.4	1.7	0.0
-65°	13.1	10.2	7.8	5.3	3.1	1.6	0.0
-67.5°	11.4	8.9	6.8	4.6	2.8	1.4	0.0
-70°	9.6	7.7	5.8	3.8	2.5	1.3	0.0
-72.5°	8.1	6.5	4.9	3.3	2.2	1.1	0.0
-75°	6.7	5.3	3.9	2.9	1.9	1.0	0.0
-77.5°	5.3	4.1	3.2	2.4	1.6	0.8	0.0
-80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)