

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: P558663 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558663 (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-SA2C-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

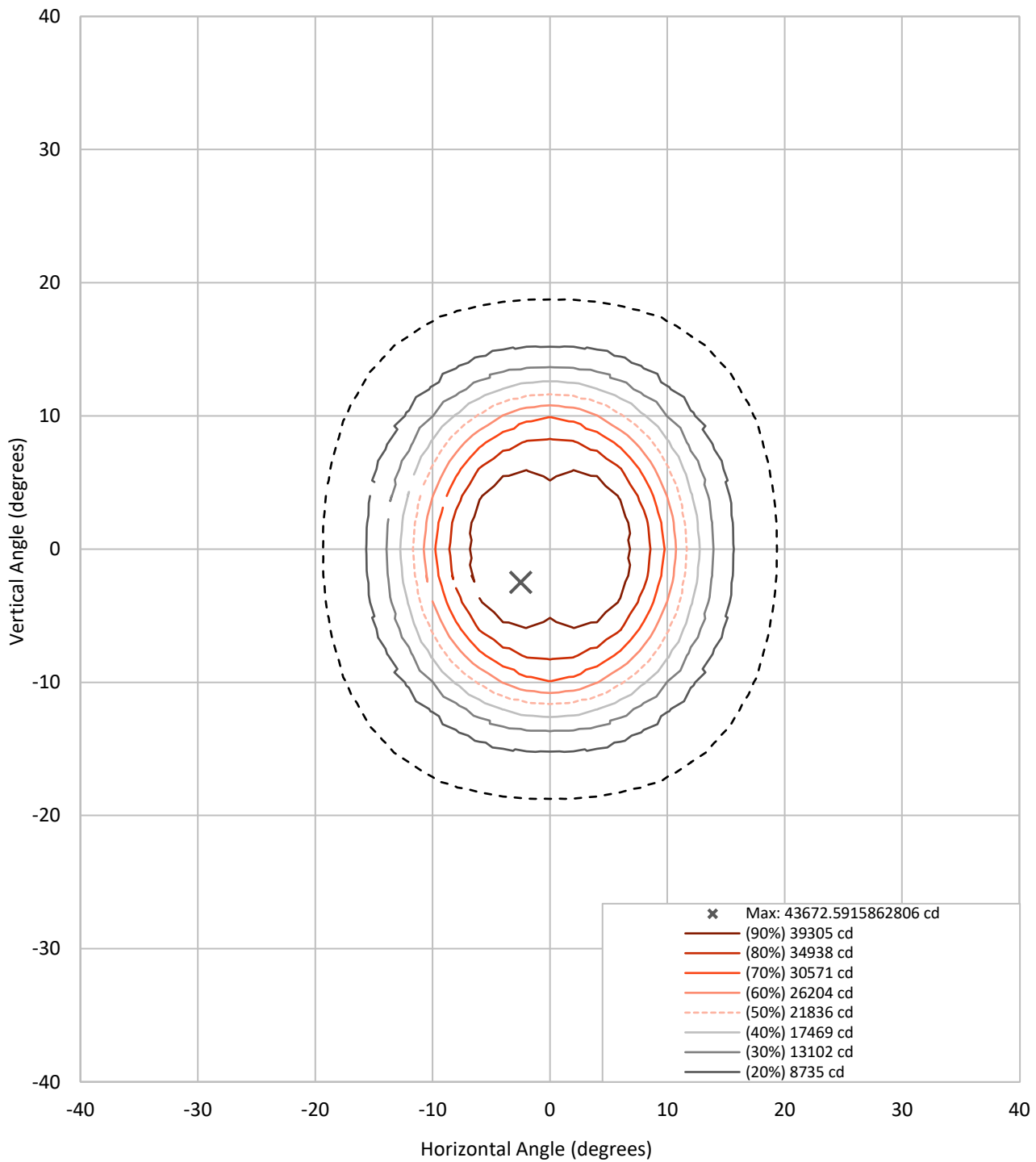
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	8258.5 lumens	Max Intensity:	43672.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	4458.5 lumens	Field Lumens:	6723.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 83
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





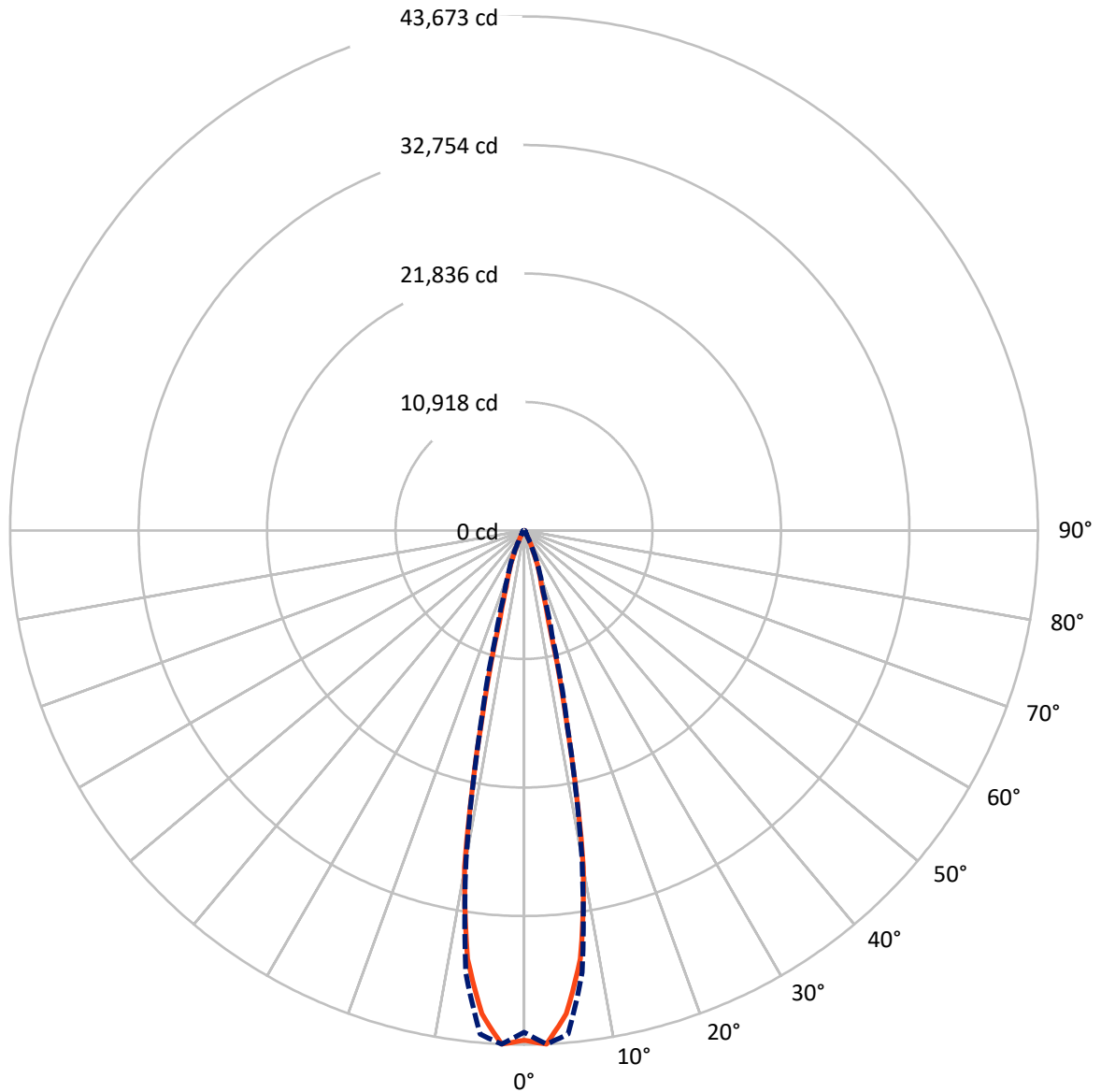
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Lumen Table

90	0.1	0.8	2.2	3.6	4.1	3.6	2.2	0.8	0.1										
80	0.1	0.8	2.2	3.6	4.1	3.6	2.2	0.8	0.1										
70	0.4	0.4	0.9	1.4	2.0	2.5	2.8	3.0	3.0	2.8	2.5	2.0	1.4	0.9	0.4	0.4			
60		0.7	1.3	2.1	2.7	3.3	3.6	3.8	3.8	3.6	3.3	2.7	2.1	1.3	0.7				
50	0.7	0.9	1.7	2.5	3.2	3.9	4.5	4.7	4.7	4.5	3.9	3.2	2.5	1.7	0.9	0.7			
40		1.0	1.9	2.8	3.8	5.1	6.8	8.1	8.1	6.8	5.1	3.8	2.8	1.9	1.0				
30	0.9	1.2	2.1	3.1	4.7	8.4	25.4	49.4	49.4	25.4	8.4	4.7	3.1	2.1	1.2	0.9			
20		1.2	2.2	3.3	5.8	25.1	115.6	297.3	297.3	115.6	25.1	5.8	3.3	2.2	1.2				
10	1.0	1.3	2.2	3.4	7.0	48.8	301.1	1063.7	1063.7	301.1	48.8	7.0	3.4	2.2	1.3	1.0			
0		1.3	2.2	3.4	7.0	48.8	301.1	1063.7	1063.7	301.1	48.8	7.0	3.4	2.2	1.3				
-10	0.9	1.2	2.2	3.3	5.8	25.1	115.6	297.3	297.3	115.6	25.1	5.8	3.3	2.2	1.2	0.9			
-20		1.2	2.1	3.1	4.7	8.4	25.4	49.4	49.4	25.4	8.4	4.7	3.1	2.1	1.2				
-30	0.7	1.0	1.9	2.8	3.8	5.1	6.8	8.1	8.1	6.8	5.1	3.8	2.8	1.9	1.0	0.7			
-40		0.9	1.7	2.5	3.2	3.9	4.5	4.7	4.7	4.5	3.9	3.2	2.5	1.7	0.9				
-50	0.4	0.7	1.3	2.1	2.7	3.3	3.6	3.8	3.8	3.6	3.3	2.7	2.1	1.3	0.7	0.4			
-60		0.4	0.9	1.4	2.0	2.5	2.8	3.0	3.0	2.8	2.5	2.0	1.4	0.9	0.4				
-70	0.1	0.8	2.2	3.6	4.1	3.6	2.2	0.8	0.1							0.1			
-80		0.1	0.8	2.2	3.6	4.1	3.6	2.2	0.8	0.1									
-90	0.1	0.8	2.2	3.6	4.1	3.6	2.2	0.8	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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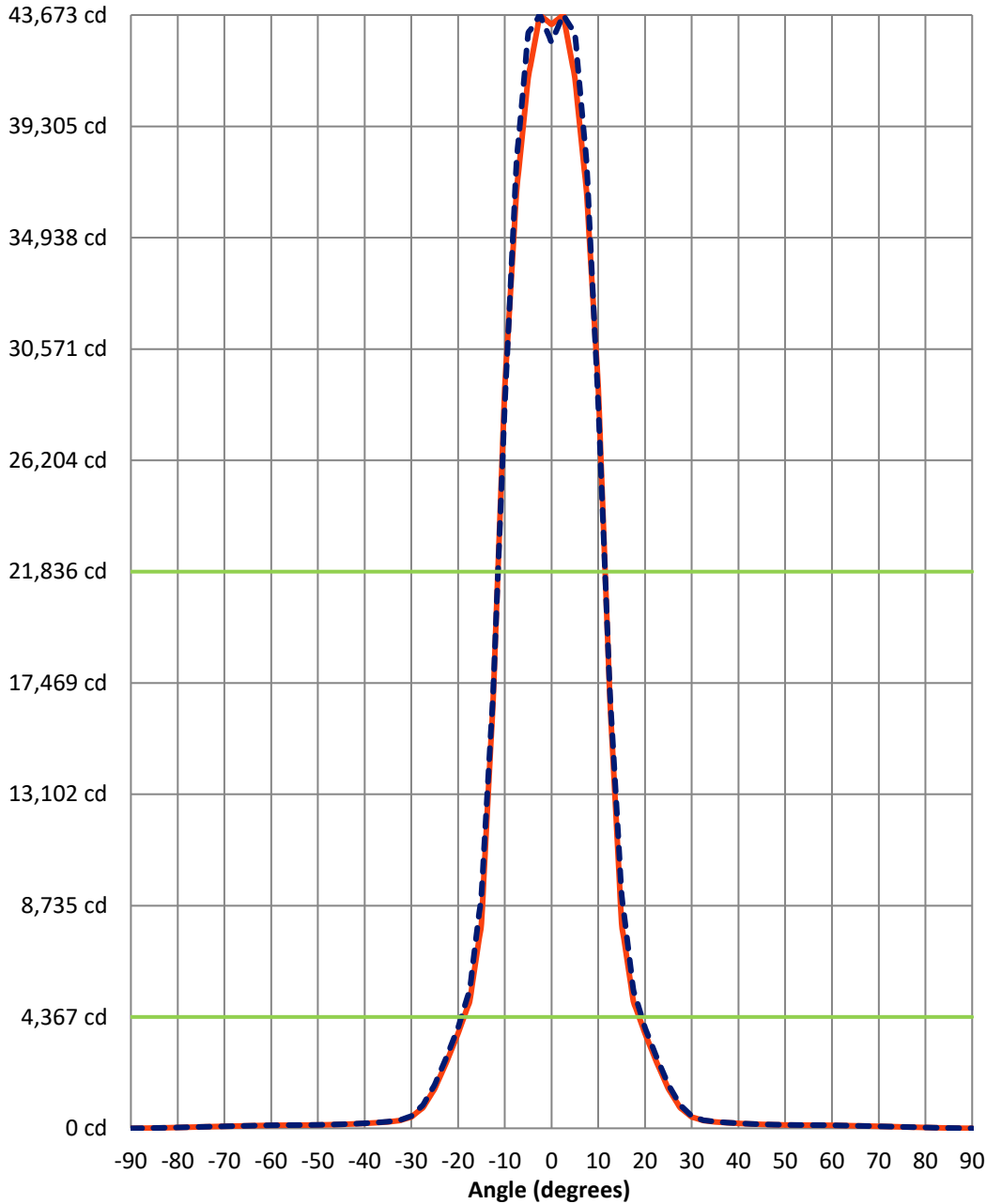
Luminous Intensity Polar Plot



— 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: 4458.5
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 6723.6
Efficiency: 81.4%

Spill:
Lumens: 1534.9
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	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.8	5.7	6.7
80°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	6.0	7.3	8.6	9.9
77.5°	0.0	1.0	2.0	3.0	4.0	5.1	6.6	8.1	9.7	11.4	13.2
75°	0.0	1.2	2.4	3.6	4.8	6.7	8.4	10.2	12.2	14.5	16.7
72.5°	0.0	1.4	2.8	4.1	6.1	8.2	10.1	12.4	15.2	17.8	20.2
70°	0.0	1.6	3.1	4.8	7.3	9.7	12.0	15.0	18.1	21.0	24.4
67.5°	0.0	1.8	3.5	5.7	8.5	11.1	14.2	17.6	21.0	24.9	28.7
65°	0.0	1.9	3.9	6.6	9.7	12.8	16.4	20.2	24.4	28.7	33.0
62.5°	0.0	2.1	4.2	7.5	10.9	14.6	18.6	23.0	27.8	32.5	37.5
60°	0.0	2.3	4.6	8.4	12.0	16.3	20.7	25.9	31.0	36.5	41.9
57.5°	0.0	2.5	5.2	9.3	13.4	18.0	23.0	28.7	34.4	40.4	46.2
55°	0.0	2.6	5.7	10.1	14.7	19.6	25.4	31.4	37.8	44.1	50.3
52.5°	0.0	2.8	6.3	11.0	15.9	21.2	27.7	34.3	41.1	47.8	54.4
50°	0.0	3.0	6.8	11.8	17.1	23.0	29.9	37.1	44.2	51.3	58.5
47.5°	0.0	3.1	7.3	12.6	18.2	24.8	32.0	39.8	47.3	54.7	62.5
45°	0.0	3.3	7.8	13.4	19.4	26.5	34.3	42.4	50.2	58.2	66.4
42.5°	0.0	3.4	8.3	14.2	20.4	28.2	36.5	44.9	53.1	61.7	69.9
40°	0.0	3.5	8.7	14.9	21.5	29.7	38.6	47.3	55.9	65.0	73.1
37.5°	0.0	3.6	9.2	15.6	22.7	31.2	40.6	49.6	58.6	68.0	76.2
35°	0.0	3.8	9.6	16.3	23.8	32.7	42.5	51.8	61.2	70.5	79.2
32.5°	0.0	3.9	10.0	16.9	24.9	34.2	44.3	53.8	63.6	72.9	82.0
30°	0.0	4.0	10.3	17.5	25.9	35.6	45.9	55.7	65.9	75.2	84.7
27.5°	0.0	4.1	10.6	18.0	26.8	36.9	47.4	57.6	67.9	77.3	87.0
25°	0.0	4.2	10.9	18.5	27.7	38.1	48.8	59.2	69.6	79.3	89.1
22.5°	0.0	4.2	11.2	18.9	28.5	39.3	50.1	60.8	71.2	81.0	91.0
20°	0.0	4.3	11.5	19.4	29.2	40.3	51.3	62.1	72.6	82.5	92.6
17.5°	0.0	4.4	11.7	19.7	29.9	41.1	52.3	63.3	73.8	83.9	94.0
15°	0.0	4.4	11.9	20.0	30.5	41.9	53.2	64.3	74.9	85.0	95.3
12.5°	0.0	4.5	12.0	20.3	31.0	42.6	53.9	65.2	75.9	85.8	96.3
10°	0.0	4.5	12.2	20.5	31.5	43.1	54.5	65.9	76.6	86.8	97.1
7.5°	0.0	4.6	12.3	20.7	31.8	43.5	55.0	66.5	77.2	87.5	97.7
5°	0.0	4.6	12.3	20.8	32.1	43.8	55.3	66.9	77.7	88.1	98.1
2.5°	0.0	4.6	12.4	20.9	32.3	43.9	55.5	67.1	77.9	88.6	98.2
0°	0.0	4.6	12.4	20.9	32.4	44.0	55.6	67.2	78.0	88.8	98.1
-2.5°	0.0	4.6	12.4	20.9	32.4	44.0	55.6	67.2	78.0	88.8	98.1
-5°	0.0	4.6	12.3	20.8	32.1	43.8	55.3	66.9	77.7	88.1	98.1
-7.5°	0.0	4.6	12.3	20.7	31.8	43.5	55.0	66.5	77.2	87.5	97.7
-10°	0.0	4.5	12.2	20.5	31.5	43.1	54.5	65.9	76.6	86.8	97.1
-12.5°	0.0	4.5	12.0	20.3	31.0	42.6	53.9	65.2	75.9	85.8	96.3
-15°	0.0	4.4	11.9	20.0	30.5	41.9	53.2	64.3	74.9	85.0	95.3
-17.5°	0.0	4.4	11.7	19.7	29.9	41.1	52.3	63.3	73.8	83.9	94.0
-20°	0.0	4.3	11.5	19.4	29.2	40.3	51.3	62.1	72.6	82.5	92.6



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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	4.2	11.2	18.9	28.5	39.3	50.1	60.8	71.2	81.0	91.0
-25°	0.0	4.2	10.9	18.5	27.7	38.1	48.8	59.2	69.6	79.3	89.1
-27.5°	0.0	4.1	10.6	18.0	26.8	36.9	47.4	57.6	67.9	77.3	87.0
-30°	0.0	4.0	10.3	17.5	25.9	35.6	45.9	55.7	65.9	75.2	84.7
-32.5°	0.0	3.9	10.0	16.9	24.9	34.2	44.3	53.8	63.6	72.9	82.0
-35°	0.0	3.8	9.6	16.3	23.8	32.7	42.5	51.8	61.2	70.5	79.2
-37.5°	0.0	3.6	9.2	15.6	22.7	31.2	40.6	49.6	58.6	68.0	76.2
-40°	0.0	3.5	8.7	14.9	21.5	29.7	38.6	47.3	55.9	65.0	73.1
-42.5°	0.0	3.4	8.3	14.2	20.4	28.2	36.5	44.9	53.1	61.7	69.9
-45°	0.0	3.3	7.8	13.4	19.4	26.5	34.3	42.4	50.2	58.2	66.4
-47.5°	0.0	3.1	7.3	12.6	18.2	24.8	32.0	39.8	47.3	54.7	62.5
-50°	0.0	3.0	6.8	11.8	17.1	23.0	29.9	37.1	44.2	51.3	58.5
-52.5°	0.0	2.8	6.3	11.0	15.9	21.2	27.7	34.3	41.1	47.8	54.4
-55°	0.0	2.6	5.7	10.1	14.7	19.6	25.4	31.4	37.8	44.1	50.3
-57.5°	0.0	2.5	5.2	9.3	13.4	18.0	23.0	28.7	34.4	40.4	46.2
-60°	0.0	2.3	4.6	8.4	12.0	16.3	20.7	25.9	31.0	36.5	41.9
-62.5°	0.0	2.1	4.2	7.5	10.9	14.6	18.6	23.0	27.8	32.5	37.5
-65°	0.0	1.9	3.9	6.6	9.7	12.8	16.4	20.2	24.4	28.7	33.0
-67.5°	0.0	1.8	3.5	5.7	8.5	11.1	14.2	17.6	21.0	24.9	28.7
-70°	0.0	1.6	3.1	4.8	7.3	9.7	12.0	15.0	18.1	21.0	24.4
-72.5°	0.0	1.4	2.8	4.1	6.1	8.2	10.1	12.4	15.2	17.8	20.2
-75°	0.0	1.2	2.4	3.6	4.8	6.7	8.4	10.2	12.2	14.5	16.7
-77.5°	0.0	1.0	2.0	3.0	4.0	5.1	6.6	8.1	9.7	11.4	13.2
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	6.0	7.3	8.6	9.9
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.8	5.7	6.7
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	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



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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°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.5	3.6
85°	4.2	4.6	5.1	5.6	6.1	6.5	6.8	7.2	7.6	8.1	8.6
82.5°	7.5	8.3	9.0	9.6	10.2	10.7	11.3	12.0	13.0	13.9	14.8
80°	11.0	12.0	13.1	14.3	15.5	16.7	17.9	19.1	20.2	21.2	22.2
77.5°	14.8	16.3	17.9	19.5	21.2	23.0	24.8	26.5	28.1	29.7	31.2
75°	18.7	20.7	23.0	25.4	27.7	29.9	32.0	34.2	36.3	38.4	40.3
72.5°	23.0	25.9	28.7	31.4	34.4	37.2	39.9	42.3	44.9	47.5	49.9
70°	27.8	31.0	34.5	38.1	41.6	44.7	47.9	51.1	54.3	57.0	59.4
67.5°	32.5	36.6	40.6	44.7	48.5	52.2	55.9	59.5	62.8	65.7	68.4
65°	37.5	42.1	46.5	50.9	55.2	59.5	63.6	67.5	71.0	74.3	77.3
62.5°	42.4	47.4	52.2	57.1	62.1	66.9	71.1	75.2	79.2	82.6	85.9
60°	47.2	52.5	57.9	63.4	68.8	73.8	78.4	82.6	86.6	90.5	93.9
57.5°	51.9	57.6	63.5	69.4	75.1	80.5	85.1	89.7	93.7	97.6	101.2
55°	56.5	62.6	68.9	75.1	81.0	86.6	91.6	96.1	100.5	104.0	107.4
52.5°	61.1	67.5	74.1	80.5	86.6	92.3	97.5	102.1	106.1	109.7	112.8
50°	65.5	72.2	79.0	85.6	91.8	97.7	102.9	107.3	111.1	114.5	117.3
47.5°	69.8	76.8	83.6	90.4	96.7	102.5	107.6	111.8	115.5	118.5	121.2
45°	73.8	81.1	88.1	94.8	101.2	106.9	111.7	115.9	119.3	122.3	125.0
42.5°	77.6	85.2	92.4	99.0	105.3	110.8	115.5	119.4	122.8	125.9	128.8
40°	81.2	89.3	96.4	103.0	109.1	114.4	118.7	122.7	126.1	129.5	132.7
37.5°	84.8	92.9	100.4	106.9	112.4	117.5	121.8	125.7	129.6	133.3	137.6
35°	88.2	96.4	103.9	110.4	115.8	120.2	124.6	129.0	133.4	138.1	143.1
32.5°	91.4	99.8	107.4	113.4	118.4	122.9	127.5	132.6	137.9	143.3	149.4
30°	94.2	102.9	110.5	116.1	120.7	125.2	130.6	136.6	142.7	148.8	156.0
27.5°	96.6	105.8	112.9	118.3	122.8	127.1	133.2	140.8	147.5	154.0	162.0
25°	98.9	108.1	115.0	120.1	124.4	129.0	135.3	143.1	151.6	158.7	169.7
22.5°	100.9	110.1	117.0	121.7	125.6	130.6	136.9	144.7	153.4	162.3	177.6
20°	102.5	111.6	118.7	123.1	126.5	131.7	137.9	145.7	155.4	168.4	185.3
17.5°	104.0	113.2	119.9	124.0	127.7	132.6	138.2	146.4	157.6	173.8	192.4
15°	105.3	114.7	121.0	124.8	128.5	133.4	139.5	148.0	161.0	178.9	198.8
12.5°	106.3	116.1	121.9	125.4	129.1	134.0	140.8	150.6	165.0	183.9	206.0
10°	107.1	117.4	122.6	125.9	129.4	134.4	142.0	152.6	168.3	188.5	212.3
7.5°	107.9	118.5	123.1	126.3	129.5	134.6	142.9	154.1	170.7	192.4	217.6
5°	108.4	119.2	123.7	126.5	129.4	134.7	143.7	155.0	172.2	195.2	221.6
2.5°	108.8	119.6	124.1	126.7	129.3	134.6	144.2	156.5	174.1	197.4	224.0
0°	108.9	119.7	124.4	126.7	129.0	134.4	144.4	157.6	175.3	198.5	224.8
-2.5°	108.8	119.6	124.1	126.7	129.3	134.6	144.2	156.5	174.1	197.4	224.0
-5°	108.4	119.2	123.7	126.5	129.4	134.7	143.7	155.0	172.2	195.2	221.6
-7.5°	107.9	118.5	123.1	126.3	129.5	134.6	142.9	154.1	170.7	192.4	217.6
-10°	107.1	117.4	122.6	125.9	129.4	134.4	142.0	152.6	168.3	188.5	212.3
-12.5°	106.3	116.1	121.9	125.4	129.1	134.0	140.8	150.6	165.0	183.9	206.0
-15°	105.3	114.7	121.0	124.8	128.5	133.4	139.5	148.0	161.0	178.9	198.8
-17.5°	104.0	113.2	119.9	124.0	127.7	132.6	138.2	146.4	157.6	173.8	192.4
-20°	102.5	111.6	118.7	123.1	126.5	131.7	137.9	145.7	155.4	168.4	185.3



REPORT NUMBER: P558663 (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°	100.9	110.1	117.0	121.7	125.6	130.6	136.9	144.7	153.4	162.3	177.6
-25°	98.9	108.1	115.0	120.1	124.4	129.0	135.3	143.1	151.6	158.7	169.7
-27.5°	96.6	105.8	112.9	118.3	122.8	127.1	133.2	140.8	147.5	154.0	162.0
-30°	94.2	102.9	110.5	116.1	120.7	125.2	130.6	136.6	142.7	148.8	156.0
-32.5°	91.4	99.8	107.4	113.4	118.4	122.9	127.5	132.6	137.9	143.3	149.4
-35°	88.2	96.4	103.9	110.4	115.8	120.2	124.6	129.0	133.4	138.1	143.1
-37.5°	84.8	92.9	100.4	106.9	112.4	117.5	121.8	125.7	129.6	133.3	137.6
-40°	81.2	89.3	96.4	103.0	109.1	114.4	118.7	122.7	126.1	129.5	132.7
-42.5°	77.6	85.2	92.4	99.0	105.3	110.8	115.5	119.4	122.8	125.9	128.8
-45°	73.8	81.1	88.1	94.8	101.2	106.9	111.7	115.9	119.3	122.3	125.0
-47.5°	69.8	76.8	83.6	90.4	96.7	102.5	107.6	111.8	115.5	118.5	121.2
-50°	65.5	72.2	79.0	85.6	91.8	97.7	102.9	107.3	111.1	114.5	117.3
-52.5°	61.1	67.5	74.1	80.5	86.6	92.3	97.5	102.1	106.1	109.7	112.8
-55°	56.5	62.6	68.9	75.1	81.0	86.6	91.6	96.1	100.5	104.0	107.4
-57.5°	51.9	57.6	63.5	69.4	75.1	80.5	85.1	89.7	93.7	97.6	101.2
-60°	47.2	52.5	57.9	63.4	68.8	73.8	78.4	82.6	86.6	90.5	93.9
-62.5°	42.4	47.4	52.2	57.1	62.1	66.9	71.1	75.2	79.2	82.6	85.9
-65°	37.5	42.1	46.5	50.9	55.2	59.5	63.6	67.5	71.0	74.3	77.3
-67.5°	32.5	36.6	40.6	44.7	48.5	52.2	55.9	59.5	62.8	65.7	68.4
-70°	27.8	31.0	34.5	38.1	41.6	44.7	47.9	51.1	54.3	57.0	59.4
-72.5°	23.0	25.9	28.7	31.4	34.4	37.2	39.9	42.3	44.9	47.5	49.9
-75°	18.7	20.7	23.0	25.4	27.7	29.9	32.0	34.2	36.3	38.4	40.3
-77.5°	14.8	16.3	17.9	19.5	21.2	23.0	24.8	26.5	28.1	29.7	31.2
-80°	11.0	12.0	13.1	14.3	15.5	16.7	17.9	19.1	20.2	21.2	22.2
-82.5°	7.5	8.3	9.0	9.6	10.2	10.7	11.3	12.0	13.0	13.9	14.8
-85°	4.2	4.6	5.1	5.6	6.1	6.5	6.8	7.2	7.6	8.1	8.6
-87.5°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.5	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: P558663 (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°	3.8	3.7	3.7	3.6	3.5	3.8	4.0	4.2	4.4	4.5	4.5
85°	9.1	9.4	9.6	9.9	10.2	10.5	10.7	10.9	11.1	11.5	11.8
82.5°	15.5	16.1	16.7	17.2	17.7	18.3	18.9	19.4	19.9	20.2	20.5
80°	23.3	24.3	25.3	26.1	26.8	27.8	28.6	29.5	30.2	30.7	31.0
77.5°	32.7	34.0	35.2	36.3	37.4	38.5	39.4	40.1	40.6	41.4	42.0
75°	42.1	43.8	45.5	46.9	48.2	49.4	50.4	51.4	52.2	53.0	53.7
72.5°	52.0	54.0	55.7	57.4	58.9	60.4	61.8	63.1	64.2	65.1	65.8
70°	61.6	63.8	65.9	67.9	69.8	71.5	73.0	74.3	75.5	76.5	77.3
67.5°	70.9	73.4	75.8	78.1	80.1	81.9	83.6	85.2	86.6	87.7	88.4
65°	80.2	82.9	85.5	87.8	89.9	91.7	93.6	95.3	96.7	97.8	98.5
62.5°	89.2	92.1	94.6	97.0	99.3	101.3	102.9	104.4	105.9	107.0	107.7
60°	97.1	100.2	102.6	104.9	107.0	108.9	110.6	112.2	113.7	115.0	116.0
57.5°	104.2	107.0	109.5	111.6	113.5	115.2	116.8	118.1	119.2	120.0	120.7
55°	110.4	112.9	115.3	117.3	118.9	120.3	121.5	122.4	123.2	123.7	124.1
52.5°	115.7	118.0	120.3	122.2	123.5	124.7	125.7	126.8	127.4	127.5	127.5
50°	119.9	122.3	124.4	126.2	127.9	129.9	131.9	132.9	133.3	133.0	132.7
47.5°	123.7	126.2	128.4	130.6	133.1	136.4	139.7	141.2	141.1	140.4	140.1
45°	127.6	130.2	132.9	136.2	139.7	143.9	147.8	150.2	150.3	150.3	150.9
42.5°	131.5	134.8	138.4	143.0	147.7	152.4	156.5	159.5	161.8	164.5	166.8
40°	136.4	140.0	145.6	151.2	157.2	162.2	168.6	174.1	178.6	182.7	185.8
37.5°	142.1	147.4	154.4	161.6	169.4	177.2	184.7	191.6	197.5	204.3	209.3
35°	149.0	156.5	165.0	174.0	183.7	193.7	203.3	214.3	224.0	232.7	239.9
32.5°	157.0	166.1	176.5	188.5	200.6	213.8	227.5	241.8	255.5	269.8	284.0
30°	165.1	177.0	190.3	204.9	219.1	236.3	254.3	277.5	301.9	329.7	372.5
27.5°	174.9	189.2	204.6	221.4	241.0	263.0	297.6	340.6	414.0	468.8	616.2
25°	184.5	200.8	220.6	242.4	268.7	309.0	391.6	487.2	700.0	899.3	1129.5
22.5°	194.3	214.6	238.3	264.9	310.7	414.3	571.7	859.9	1188.7	1537.7	1893.2
20°	204.1	228.0	257.8	302.0	397.9	575.2	928.5	1391.6	1858.8	2429.6	2923.2
17.5°	215.1	244.8	283.7	350.3	508.2	888.2	1410.7	2053.3	2776.3	3510.1	4126.2
15°	224.3	259.0	311.1	441.2	739.5	1243.5	1927.3	2798.4	3784.3	4711.9	5503.2
12.5°	234.3	274.8	343.3	515.0	952.8	1615.5	2516.7	3588.5	4771.3	6042.4	8055.0
10°	243.7	290.7	397.4	668.3	1198.8	1991.5	3044.4	4252.2	5686.5	8231.6	12989.1
7.5°	251.5	303.3	438.0	782.5	1421.3	2346.1	3474.7	4819.6	6976.2	11251.9	19257.7
5°	256.9	311.7	466.2	867.9	1598.6	2607.6	3749.7	5193.3	8291.8	14943.9	24583.6
2.5°	260.6	316.2	481.3	917.7	1710.8	2780.9	3944.6	5444.8	9175.1	17079.4	28373.6
0°	263.4	317.5	484.3	960.9	1748.8	2839.5	3954.2	5512.2	9478.0	17913.2	29724.0
-2.5°	260.6	316.2	481.3	917.7	1710.8	2780.9	3944.6	5444.8	9175.1	17079.4	28373.6
-5°	256.9	311.7	466.2	867.9	1598.6	2607.6	3749.7	5193.3	8291.8	14943.9	24583.6
-7.5°	251.5	303.3	438.0	782.5	1421.3	2346.1	3474.7	4819.6	6976.2	11251.9	19257.7
-10°	243.7	290.7	397.4	668.3	1198.8	1991.5	3044.4	4252.2	5686.5	8231.6	12989.1
-12.5°	234.3	274.8	343.3	515.0	952.8	1615.5	2516.7	3588.5	4771.3	6042.4	8055.0
-15°	224.3	259.0	311.1	441.2	739.5	1243.5	1927.3	2798.4	3784.3	4711.9	5503.2
-17.5°	215.1	244.8	283.7	350.3	508.2	888.2	1410.7	2053.3	2776.3	3510.1	4126.2
-20°	204.1	228.0	257.8	302.0	397.9	575.2	928.5	1391.6	1858.8	2429.6	2923.2



REPORT NUMBER: P558663 (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°	194.3	214.6	238.3	264.9	310.7	414.3	571.7	859.9	1188.7	1537.7	1893.2
-25°	184.5	200.8	220.6	242.4	268.7	309.0	391.6	487.2	700.0	899.3	1129.5
-27.5°	174.9	189.2	204.6	221.4	241.0	263.0	297.6	340.6	414.0	468.8	616.2
-30°	165.1	177.0	190.3	204.9	219.1	236.3	254.3	277.5	301.9	329.7	372.5
-32.5°	157.0	166.1	176.5	188.5	200.6	213.8	227.5	241.8	255.5	269.8	284.0
-35°	149.0	156.5	165.0	174.0	183.7	193.7	203.3	214.3	224.0	232.7	239.9
-37.5°	142.1	147.4	154.4	161.6	169.4	177.2	184.7	191.6	197.5	204.3	209.3
-40°	136.4	140.0	145.6	151.2	157.2	162.2	168.6	174.1	178.6	182.7	185.8
-42.5°	131.5	134.8	138.4	143.0	147.7	152.4	156.5	159.5	161.8	164.5	166.8
-45°	127.6	130.2	132.9	136.2	139.7	143.9	147.8	150.2	150.3	150.3	150.9
-47.5°	123.7	126.2	128.4	130.6	133.1	136.4	139.7	141.2	141.1	140.4	140.1
-50°	119.9	122.3	124.4	126.2	127.9	129.9	131.9	132.9	133.3	133.0	132.7
-52.5°	115.7	118.0	120.3	122.2	123.5	124.7	125.7	126.8	127.4	127.5	127.5
-55°	110.4	112.9	115.3	117.3	118.9	120.3	121.5	122.4	123.2	123.7	124.1
-57.5°	104.2	107.0	109.5	111.6	113.5	115.2	116.8	118.1	119.2	120.0	120.7
-60°	97.1	100.2	102.6	104.9	107.0	108.9	110.6	112.2	113.7	115.0	116.0
-62.5°	89.2	92.1	94.6	97.0	99.3	101.3	102.9	104.4	105.9	107.0	107.7
-65°	80.2	82.9	85.5	87.8	89.9	91.7	93.6	95.3	96.7	97.8	98.5
-67.5°	70.9	73.4	75.8	78.1	80.1	81.9	83.6	85.2	86.6	87.7	88.4
-70°	61.6	63.8	65.9	67.9	69.8	71.5	73.0	74.3	75.5	76.5	77.3
-72.5°	52.0	54.0	55.7	57.4	58.9	60.4	61.8	63.1	64.2	65.1	65.8
-75°	42.1	43.8	45.5	46.9	48.2	49.4	50.4	51.4	52.2	53.0	53.7
-77.5°	32.7	34.0	35.2	36.3	37.4	38.5	39.4	40.1	40.6	41.4	42.0
-80°	23.3	24.3	25.3	26.1	26.8	27.8	28.6	29.5	30.2	30.7	31.0
-82.5°	15.5	16.1	16.7	17.2	17.7	18.3	18.9	19.4	19.9	20.2	20.5
-85°	9.1	9.4	9.6	9.9	10.2	10.5	10.7	10.9	11.1	11.5	11.8
-87.5°	3.8	3.7	3.7	3.6	3.5	3.8	4.0	4.2	4.4	4.5	4.5
-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: P558663 (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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.2
85°	12.1	12.3	12.0	11.6	12.0	12.3	12.1	11.8	11.5	11.1	10.9
82.5°	20.7	20.8	20.9	20.9	20.9	20.8	20.7	20.5	20.2	19.9	19.4
80°	31.3	31.5	32.0	32.4	32.0	31.5	31.3	31.0	30.7	30.2	29.5
77.5°	42.6	43.1	43.2	43.3	43.2	43.1	42.6	42.0	41.4	40.6	40.1
75°	54.2	54.5	55.5	56.4	55.5	54.5	54.2	53.7	53.0	52.2	51.4
72.5°	66.4	66.9	67.5	68.0	67.5	66.9	66.4	65.8	65.1	64.2	63.1
70°	78.0	78.4	78.7	78.8	78.7	78.4	78.0	77.3	76.5	75.5	74.3
67.5°	89.0	89.2	89.1	88.8	89.1	89.2	89.0	88.4	87.7	86.6	85.2
65°	98.9	99.2	99.2	98.9	99.2	99.2	98.9	98.5	97.8	96.7	95.3
62.5°	108.2	108.5	108.8	108.9	108.8	108.5	108.2	107.7	107.0	105.9	104.4
60°	116.9	117.7	118.1	118.2	118.1	117.7	116.9	116.0	115.0	113.7	112.2
57.5°	121.3	121.7	121.9	122.0	121.9	121.7	121.3	120.7	120.0	119.2	118.1
55°	124.3	124.3	124.1	123.6	124.1	124.3	124.3	124.1	123.7	123.2	122.4
52.5°	127.3	126.8	126.7	126.7	126.7	126.8	127.3	127.5	127.5	127.4	126.8
50°	132.3	131.5	131.2	131.3	131.2	131.5	132.3	132.7	133.0	133.3	132.9
47.5°	140.6	140.9	141.2	141.4	141.2	140.9	140.6	140.1	140.4	141.1	141.2
45°	152.5	153.5	154.2	154.5	154.2	153.5	152.5	150.9	150.3	150.3	150.2
42.5°	169.1	170.4	170.9	170.7	170.9	170.4	169.1	166.8	164.5	161.8	159.5
40°	189.0	191.6	193.1	193.1	193.1	191.6	189.0	185.8	182.7	178.6	174.1
37.5°	213.9	217.4	219.1	218.6	219.1	217.4	213.9	209.3	204.3	197.5	191.6
35°	245.3	248.7	250.1	251.8	250.1	248.7	245.3	239.9	232.7	224.0	214.3
32.5°	295.3	302.3	305.1	301.3	305.1	302.3	295.3	284.0	269.8	255.5	241.8
30°	401.4	427.1	444.2	452.7	444.2	427.1	401.4	372.5	329.7	301.9	277.5
27.5°	717.6	784.8	813.2	828.8	813.2	784.8	717.6	616.2	468.8	414.0	340.6
25°	1326.7	1470.0	1552.4	1545.7	1552.4	1470.0	1326.7	1129.5	899.3	700.0	487.2
22.5°	2223.5	2449.5	2585.0	2634.8	2585.0	2449.5	2223.5	1893.2	1537.7	1188.7	859.9
20°	3335.2	3588.6	3721.2	3741.0	3721.2	3588.6	3335.2	2923.2	2429.6	1858.8	1391.6
17.5°	4611.2	4851.4	4991.0	4989.3	4991.0	4851.4	4611.2	4126.2	3510.1	2776.3	2053.3
15°	6581.0	7510.9	8035.2	7958.6	8035.2	7510.9	6581.0	5503.2	4711.9	3784.3	2798.4
12.5°	10783.4	14497.4	16801.2	17370.2	16801.2	14497.4	10783.4	8055.0	6042.4	4771.3	3588.5
10°	19055.6	24612.1	29049.5	30332.0	29049.5	24612.1	19055.6	12989.1	8231.6	5686.5	4252.2
7.5°	27410.2	34004.9	36718.8	37034.2	36718.8	34004.9	27410.2	19257.7	11251.9	6976.2	4819.6
5°	33716.3	40426.6	41203.3	39252.3	41203.3	40426.6	33716.3	24583.6	14943.9	8291.8	5193.3
2.5°	37878.9	42948.6	43672.6	42622.5	43672.6	42948.6	37878.9	28373.6	17079.4	9175.1	5444.8
0°	38828.2	42278.0	43306.5	43418.9	43306.5	42278.0	38828.2	29724.0	17913.2	9478.0	5512.2
-2.5°	37878.9	42948.6	43672.6	42622.5	43672.6	42948.6	37878.9	28373.6	17079.4	9175.1	5444.8
-5°	33716.3	40426.6	41203.3	39252.3	41203.3	40426.6	33716.3	24583.6	14943.9	8291.8	5193.3
-7.5°	27410.2	34004.9	36718.8	37034.2	36718.8	34004.9	27410.2	19257.7	11251.9	6976.2	4819.6
-10°	19055.6	24612.1	29049.5	30332.0	29049.5	24612.1	19055.6	12989.1	8231.6	5686.5	4252.2
-12.5°	10783.4	14497.4	16801.2	17370.2	16801.2	14497.4	10783.4	8055.0	6042.4	4771.3	3588.5
-15°	6581.0	7510.9	8035.2	7958.6	8035.2	7510.9	6581.0	5503.2	4711.9	3784.3	2798.4
-17.5°	4611.2	4851.4	4991.0	4989.3	4991.0	4851.4	4611.2	4126.2	3510.1	2776.3	2053.3
-20°	3335.2	3588.6	3721.2	3741.0	3721.2	3588.6	3335.2	2923.2	2429.6	1858.8	1391.6



REPORT NUMBER: P558663 (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°	2223.5	2449.5	2585.0	2634.8	2585.0	2449.5	2223.5	1893.2	1537.7	1188.7	859.9
-25°	1326.7	1470.0	1552.4	1545.7	1552.4	1470.0	1326.7	1129.5	899.3	700.0	487.2
-27.5°	717.6	784.8	813.2	828.8	813.2	784.8	717.6	616.2	468.8	414.0	340.6
-30°	401.4	427.1	444.2	452.7	444.2	427.1	401.4	372.5	329.7	301.9	277.5
-32.5°	295.3	302.3	305.1	301.3	305.1	302.3	295.3	284.0	269.8	255.5	241.8
-35°	245.3	248.7	250.1	251.8	250.1	248.7	245.3	239.9	232.7	224.0	214.3
-37.5°	213.9	217.4	219.1	218.6	219.1	217.4	213.9	209.3	204.3	197.5	191.6
-40°	189.0	191.6	193.1	193.1	193.1	191.6	189.0	185.8	182.7	178.6	174.1
-42.5°	169.1	170.4	170.9	170.7	170.9	170.4	169.1	166.8	164.5	161.8	159.5
-45°	152.5	153.5	154.2	154.5	154.2	153.5	152.5	150.9	150.3	150.3	150.2
-47.5°	140.6	140.9	141.2	141.4	141.2	140.9	140.6	140.1	140.4	141.1	141.2
-50°	132.3	131.5	131.2	131.3	131.2	131.5	132.3	132.7	133.0	133.3	132.9
-52.5°	127.3	126.8	126.7	126.7	126.7	126.8	127.3	127.5	127.5	127.4	126.8
-55°	124.3	124.3	124.1	123.6	124.1	124.3	124.3	124.1	123.7	123.2	122.4
-57.5°	121.3	121.7	121.9	122.0	121.9	121.7	121.3	120.7	120.0	119.2	118.1
-60°	116.9	117.7	118.1	118.2	118.1	117.7	116.9	116.0	115.0	113.7	112.2
-62.5°	108.2	108.5	108.8	108.9	108.8	108.5	108.2	107.7	107.0	105.9	104.4
-65°	98.9	99.2	99.2	98.9	99.2	99.2	98.9	98.5	97.8	96.7	95.3
-67.5°	89.0	89.2	89.1	88.8	89.1	89.2	89.0	88.4	87.7	86.6	85.2
-70°	78.0	78.4	78.7	78.8	78.7	78.4	78.0	77.3	76.5	75.5	74.3
-72.5°	66.4	66.9	67.5	68.0	67.5	66.9	66.4	65.8	65.1	64.2	63.1
-75°	54.2	54.5	55.5	56.4	55.5	54.5	54.2	53.7	53.0	52.2	51.4
-77.5°	42.6	43.1	43.2	43.3	43.2	43.1	42.6	42.0	41.4	40.6	40.1
-80°	31.3	31.5	32.0	32.4	32.0	31.5	31.3	31.0	30.7	30.2	29.5
-82.5°	20.7	20.8	20.9	20.9	20.9	20.8	20.7	20.5	20.2	19.9	19.4
-85°	12.1	12.3	12.0	11.6	12.0	12.3	12.1	11.8	11.5	11.1	10.9
-87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.2
-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: P558663 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.8	3.5	3.6	3.7	3.7	3.8	3.6	3.5	3.4	3.3
85°	10.7	10.5	10.2	9.9	9.6	9.4	9.1	8.6	8.1	7.6	7.2
82.5°	18.9	18.3	17.7	17.2	16.7	16.1	15.5	14.8	13.9	13.0	12.0
80°	28.6	27.8	26.8	26.1	25.3	24.3	23.3	22.2	21.2	20.2	19.1
77.5°	39.4	38.5	37.4	36.3	35.2	34.0	32.7	31.2	29.7	28.1	26.5
75°	50.4	49.4	48.2	46.9	45.5	43.8	42.1	40.3	38.4	36.3	34.2
72.5°	61.8	60.4	58.9	57.4	55.7	54.0	52.0	49.9	47.5	44.9	42.3
70°	73.0	71.5	69.8	67.9	65.9	63.8	61.6	59.4	57.0	54.3	51.1
67.5°	83.6	81.9	80.1	78.1	75.8	73.4	70.9	68.4	65.7	62.8	59.5
65°	93.6	91.7	89.9	87.8	85.5	82.9	80.2	77.3	74.3	71.0	67.5
62.5°	102.9	101.3	99.3	97.0	94.6	92.1	89.2	85.9	82.6	79.2	75.2
60°	110.6	108.9	107.0	104.9	102.6	100.2	97.1	93.9	90.5	86.6	82.6
57.5°	116.8	115.2	113.5	111.6	109.5	107.0	104.2	101.2	97.6	93.7	89.7
55°	121.5	120.3	118.9	117.3	115.3	112.9	110.4	107.4	104.0	100.5	96.1
52.5°	125.7	124.7	123.5	122.2	120.3	118.0	115.7	112.8	109.7	106.1	102.1
50°	131.9	129.9	127.9	126.2	124.4	122.3	119.9	117.3	114.5	111.1	107.3
47.5°	139.7	136.4	133.1	130.6	128.4	126.2	123.7	121.2	118.5	115.5	111.8
45°	147.8	143.9	139.7	136.2	132.9	130.2	127.6	125.0	122.3	119.3	115.9
42.5°	156.5	152.4	147.7	143.0	138.4	134.8	131.5	128.8	125.9	122.8	119.4
40°	168.6	162.2	157.2	151.2	145.6	140.0	136.4	132.7	129.5	126.1	122.7
37.5°	184.7	177.2	169.4	161.6	154.4	147.4	142.1	137.6	133.3	129.6	125.7
35°	203.3	193.7	183.7	174.0	165.0	156.5	149.0	143.1	138.1	133.4	129.0
32.5°	227.5	213.8	200.6	188.5	176.5	166.1	157.0	149.4	143.3	137.9	132.6
30°	254.3	236.3	219.1	204.9	190.3	177.0	165.1	156.0	148.8	142.7	136.6
27.5°	297.6	263.0	241.0	221.4	204.6	189.2	174.9	162.0	154.0	147.5	140.8
25°	391.6	309.0	268.7	242.4	220.6	200.8	184.5	169.7	158.7	151.6	143.1
22.5°	571.7	414.3	310.7	264.9	238.3	214.6	194.3	177.6	162.3	153.4	144.7
20°	928.5	575.2	397.9	302.0	257.8	228.0	204.1	185.3	168.4	155.4	145.7
17.5°	1410.7	888.2	508.2	350.3	283.7	244.8	215.1	192.4	173.8	157.6	146.4
15°	1927.3	1243.5	739.5	441.2	311.1	259.0	224.3	198.8	178.9	161.0	148.0
12.5°	2516.7	1615.5	952.8	515.0	343.3	274.8	234.3	206.0	183.9	165.0	150.6
10°	3044.4	1991.5	1198.8	668.3	397.4	290.7	243.7	212.3	188.5	168.3	152.6
7.5°	3474.7	2346.1	1421.3	782.5	438.0	303.3	251.5	217.6	192.4	170.7	154.1
5°	3749.7	2607.6	1598.6	867.9	466.2	311.7	256.9	221.6	195.2	172.2	155.0
2.5°	3944.6	2780.9	1710.8	917.7	481.3	316.2	260.6	224.0	197.4	174.1	156.5
0°	3954.2	2839.5	1748.8	960.9	484.3	317.5	263.4	224.8	198.5	175.3	157.6
-2.5°	3944.6	2780.9	1710.8	917.7	481.3	316.2	260.6	224.0	197.4	174.1	156.5
-5°	3749.7	2607.6	1598.6	867.9	466.2	311.7	256.9	221.6	195.2	172.2	155.0
-7.5°	3474.7	2346.1	1421.3	782.5	438.0	303.3	251.5	217.6	192.4	170.7	154.1
-10°	3044.4	1991.5	1198.8	668.3	397.4	290.7	243.7	212.3	188.5	168.3	152.6
-12.5°	2516.7	1615.5	952.8	515.0	343.3	274.8	234.3	206.0	183.9	165.0	150.6
-15°	1927.3	1243.5	739.5	441.2	311.1	259.0	224.3	198.8	178.9	161.0	148.0
-17.5°	1410.7	888.2	508.2	350.3	283.7	244.8	215.1	192.4	173.8	157.6	146.4
-20°	928.5	575.2	397.9	302.0	257.8	228.0	204.1	185.3	168.4	155.4	145.7



REPORT NUMBER: P558663 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	571.7	414.3	310.7	264.9	238.3	214.6	194.3	177.6	162.3	153.4	144.7
-25°	391.6	309.0	268.7	242.4	220.6	200.8	184.5	169.7	158.7	151.6	143.1
-27.5°	297.6	263.0	241.0	221.4	204.6	189.2	174.9	162.0	154.0	147.5	140.8
-30°	254.3	236.3	219.1	204.9	190.3	177.0	165.1	156.0	148.8	142.7	136.6
-32.5°	227.5	213.8	200.6	188.5	176.5	166.1	157.0	149.4	143.3	137.9	132.6
-35°	203.3	193.7	183.7	174.0	165.0	156.5	149.0	143.1	138.1	133.4	129.0
-37.5°	184.7	177.2	169.4	161.6	154.4	147.4	142.1	137.6	133.3	129.6	125.7
-40°	168.6	162.2	157.2	151.2	145.6	140.0	136.4	132.7	129.5	126.1	122.7
-42.5°	156.5	152.4	147.7	143.0	138.4	134.8	131.5	128.8	125.9	122.8	119.4
-45°	147.8	143.9	139.7	136.2	132.9	130.2	127.6	125.0	122.3	119.3	115.9
-47.5°	139.7	136.4	133.1	130.6	128.4	126.2	123.7	121.2	118.5	115.5	111.8
-50°	131.9	129.9	127.9	126.2	124.4	122.3	119.9	117.3	114.5	111.1	107.3
-52.5°	125.7	124.7	123.5	122.2	120.3	118.0	115.7	112.8	109.7	106.1	102.1
-55°	121.5	120.3	118.9	117.3	115.3	112.9	110.4	107.4	104.0	100.5	96.1
-57.5°	116.8	115.2	113.5	111.6	109.5	107.0	104.2	101.2	97.6	93.7	89.7
-60°	110.6	108.9	107.0	104.9	102.6	100.2	97.1	93.9	90.5	86.6	82.6
-62.5°	102.9	101.3	99.3	97.0	94.6	92.1	89.2	85.9	82.6	79.2	75.2
-65°	93.6	91.7	89.9	87.8	85.5	82.9	80.2	77.3	74.3	71.0	67.5
-67.5°	83.6	81.9	80.1	78.1	75.8	73.4	70.9	68.4	65.7	62.8	59.5
-70°	73.0	71.5	69.8	67.9	65.9	63.8	61.6	59.4	57.0	54.3	51.1
-72.5°	61.8	60.4	58.9	57.4	55.7	54.0	52.0	49.9	47.5	44.9	42.3
-75°	50.4	49.4	48.2	46.9	45.5	43.8	42.1	40.3	38.4	36.3	34.2
-77.5°	39.4	38.5	37.4	36.3	35.2	34.0	32.7	31.2	29.7	28.1	26.5
-80°	28.6	27.8	26.8	26.1	25.3	24.3	23.3	22.2	21.2	20.2	19.1
-82.5°	18.9	18.3	17.7	17.2	16.7	16.1	15.5	14.8	13.9	13.0	12.0
-85°	10.7	10.5	10.2	9.9	9.6	9.4	9.1	8.6	8.1	7.6	7.2
-87.5°	4.0	3.8	3.5	3.6	3.7	3.7	3.8	3.6	3.5	3.4	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4
85°	6.8	6.5	6.1	5.6	5.1	4.6	4.2	3.9	3.5	3.1	2.8
82.5°	11.3	10.7	10.2	9.6	9.0	8.3	7.5	6.7	5.7	4.8	4.1
80°	17.9	16.7	15.5	14.3	13.1	12.0	11.0	9.9	8.6	7.3	6.0
77.5°	24.8	23.0	21.2	19.5	17.9	16.3	14.8	13.2	11.4	9.7	8.1
75°	32.0	29.9	27.7	25.4	23.0	20.7	18.7	16.7	14.5	12.2	10.2
72.5°	39.9	37.2	34.4	31.4	28.7	25.9	23.0	20.2	17.8	15.2	12.4
70°	47.9	44.7	41.6	38.1	34.5	31.0	27.8	24.4	21.0	18.1	15.0
67.5°	55.9	52.2	48.5	44.7	40.6	36.6	32.5	28.7	24.9	21.0	17.6
65°	63.6	59.5	55.2	50.9	46.5	42.1	37.5	33.0	28.7	24.4	20.2
62.5°	71.1	66.9	62.1	57.1	52.2	47.4	42.4	37.5	32.5	27.8	23.0
60°	78.4	73.8	68.8	63.4	57.9	52.5	47.2	41.9	36.5	31.0	25.9
57.5°	85.1	80.5	75.1	69.4	63.5	57.6	51.9	46.2	40.4	34.4	28.7
55°	91.6	86.6	81.0	75.1	68.9	62.6	56.5	50.3	44.1	37.8	31.4
52.5°	97.5	92.3	86.6	80.5	74.1	67.5	61.1	54.4	47.8	41.1	34.3
50°	102.9	97.7	91.8	85.6	79.0	72.2	65.5	58.5	51.3	44.2	37.1
47.5°	107.6	102.5	96.7	90.4	83.6	76.8	69.8	62.5	54.7	47.3	39.8
45°	111.7	106.9	101.2	94.8	88.1	81.1	73.8	66.4	58.2	50.2	42.4
42.5°	115.5	110.8	105.3	99.0	92.4	85.2	77.6	69.9	61.7	53.1	44.9
40°	118.7	114.4	109.1	103.0	96.4	89.3	81.2	73.1	65.0	55.9	47.3
37.5°	121.8	117.5	112.4	106.9	100.4	92.9	84.8	76.2	68.0	58.6	49.6
35°	124.6	120.2	115.8	110.4	103.9	96.4	88.2	79.2	70.5	61.2	51.8
32.5°	127.5	122.9	118.4	113.4	107.4	99.8	91.4	82.0	72.9	63.6	53.8
30°	130.6	125.2	120.7	116.1	110.5	102.9	94.2	84.7	75.2	65.9	55.7
27.5°	133.2	127.1	122.8	118.3	112.9	105.8	96.6	87.0	77.3	67.9	57.6
25°	135.3	129.0	124.4	120.1	115.0	108.1	98.9	89.1	79.3	69.6	59.2
22.5°	136.9	130.6	125.6	121.7	117.0	110.1	100.9	91.0	81.0	71.2	60.8
20°	137.9	131.7	126.5	123.1	118.7	111.6	102.5	92.6	82.5	72.6	62.1
17.5°	138.2	132.6	127.7	124.0	119.9	113.2	104.0	94.0	83.9	73.8	63.3
15°	139.5	133.4	128.5	124.8	121.0	114.7	105.3	95.3	85.0	74.9	64.3
12.5°	140.8	134.0	129.1	125.4	121.9	116.1	106.3	96.3	85.8	75.9	65.2
10°	142.0	134.4	129.4	125.9	122.6	117.4	107.1	97.1	86.8	76.6	65.9
7.5°	142.9	134.6	129.5	126.3	123.1	118.5	107.9	97.7	87.5	77.2	66.5
5°	143.7	134.7	129.4	126.5	123.7	119.2	108.4	98.1	88.1	77.7	66.9
2.5°	144.2	134.6	129.3	126.7	124.1	119.6	108.8	98.2	88.6	77.9	67.1
0°	144.4	134.4	129.0	126.7	124.4	119.7	108.9	98.1	88.8	78.0	67.2
-2.5°	144.2	134.6	129.3	126.7	124.1	119.6	108.8	98.2	88.6	77.9	67.1
-5°	143.7	134.7	129.4	126.5	123.7	119.2	108.4	98.1	88.1	77.7	66.9
-7.5°	142.9	134.6	129.5	126.3	123.1	118.5	107.9	97.7	87.5	77.2	66.5
-10°	142.0	134.4	129.4	125.9	122.6	117.4	107.1	97.1	86.8	76.6	65.9
-12.5°	140.8	134.0	129.1	125.4	121.9	116.1	106.3	96.3	85.8	75.9	65.2
-15°	139.5	133.4	128.5	124.8	121.0	114.7	105.3	95.3	85.0	74.9	64.3
-17.5°	138.2	132.6	127.7	124.0	119.9	113.2	104.0	94.0	83.9	73.8	63.3
-20°	137.9	131.7	126.5	123.1	118.7	111.6	102.5	92.6	82.5	72.6	62.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	136.9	130.6	125.6	121.7	117.0	110.1	100.9	91.0	81.0	71.2	60.8
-25°	135.3	129.0	124.4	120.1	115.0	108.1	98.9	89.1	79.3	69.6	59.2
-27.5°	133.2	127.1	122.8	118.3	112.9	105.8	96.6	87.0	77.3	67.9	57.6
-30°	130.6	125.2	120.7	116.1	110.5	102.9	94.2	84.7	75.2	65.9	55.7
-32.5°	127.5	122.9	118.4	113.4	107.4	99.8	91.4	82.0	72.9	63.6	53.8
-35°	124.6	120.2	115.8	110.4	103.9	96.4	88.2	79.2	70.5	61.2	51.8
-37.5°	121.8	117.5	112.4	106.9	100.4	92.9	84.8	76.2	68.0	58.6	49.6
-40°	118.7	114.4	109.1	103.0	96.4	89.3	81.2	73.1	65.0	55.9	47.3
-42.5°	115.5	110.8	105.3	99.0	92.4	85.2	77.6	69.9	61.7	53.1	44.9
-45°	111.7	106.9	101.2	94.8	88.1	81.1	73.8	66.4	58.2	50.2	42.4
-47.5°	107.6	102.5	96.7	90.4	83.6	76.8	69.8	62.5	54.7	47.3	39.8
-50°	102.9	97.7	91.8	85.6	79.0	72.2	65.5	58.5	51.3	44.2	37.1
-52.5°	97.5	92.3	86.6	80.5	74.1	67.5	61.1	54.4	47.8	41.1	34.3
-55°	91.6	86.6	81.0	75.1	68.9	62.6	56.5	50.3	44.1	37.8	31.4
-57.5°	85.1	80.5	75.1	69.4	63.5	57.6	51.9	46.2	40.4	34.4	28.7
-60°	78.4	73.8	68.8	63.4	57.9	52.5	47.2	41.9	36.5	31.0	25.9
-62.5°	71.1	66.9	62.1	57.1	52.2	47.4	42.4	37.5	32.5	27.8	23.0
-65°	63.6	59.5	55.2	50.9	46.5	42.1	37.5	33.0	28.7	24.4	20.2
-67.5°	55.9	52.2	48.5	44.7	40.6	36.6	32.5	28.7	24.9	21.0	17.6
-70°	47.9	44.7	41.6	38.1	34.5	31.0	27.8	24.4	21.0	18.1	15.0
-72.5°	39.9	37.2	34.4	31.4	28.7	25.9	23.0	20.2	17.8	15.2	12.4
-75°	32.0	29.9	27.7	25.4	23.0	20.7	18.7	16.7	14.5	12.2	10.2
-77.5°	24.8	23.0	21.2	19.5	17.9	16.3	14.8	13.2	11.4	9.7	8.1
-80°	17.9	16.7	15.5	14.3	13.1	12.0	11.0	9.9	8.6	7.3	6.0
-82.5°	11.3	10.7	10.2	9.6	9.0	8.3	7.5	6.7	5.7	4.8	4.1
-85°	6.8	6.5	6.1	5.6	5.1	4.6	4.2	3.9	3.5	3.1	2.8
-87.5°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4
-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):

	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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	6.6	5.1	4.0	3.0	2.0	1.0	0.0
75°	8.4	6.7	4.8	3.6	2.4	1.2	0.0
72.5°	10.1	8.2	6.1	4.1	2.8	1.4	0.0
70°	12.0	9.7	7.3	4.8	3.1	1.6	0.0
67.5°	14.2	11.1	8.5	5.7	3.5	1.8	0.0
65°	16.4	12.8	9.7	6.6	3.9	1.9	0.0
62.5°	18.6	14.6	10.9	7.5	4.2	2.1	0.0
60°	20.7	16.3	12.0	8.4	4.6	2.3	0.0
57.5°	23.0	18.0	13.4	9.3	5.2	2.5	0.0
55°	25.4	19.6	14.7	10.1	5.7	2.6	0.0
52.5°	27.7	21.2	15.9	11.0	6.3	2.8	0.0
50°	29.9	23.0	17.1	11.8	6.8	3.0	0.0
47.5°	32.0	24.8	18.2	12.6	7.3	3.1	0.0
45°	34.3	26.5	19.4	13.4	7.8	3.3	0.0
42.5°	36.5	28.2	20.4	14.2	8.3	3.4	0.0
40°	38.6	29.7	21.5	14.9	8.7	3.5	0.0
37.5°	40.6	31.2	22.7	15.6	9.2	3.6	0.0
35°	42.5	32.7	23.8	16.3	9.6	3.8	0.0
32.5°	44.3	34.2	24.9	16.9	10.0	3.9	0.0
30°	45.9	35.6	25.9	17.5	10.3	4.0	0.0
27.5°	47.4	36.9	26.8	18.0	10.6	4.1	0.0
25°	48.8	38.1	27.7	18.5	10.9	4.2	0.0
22.5°	50.1	39.3	28.5	18.9	11.2	4.2	0.0
20°	51.3	40.3	29.2	19.4	11.5	4.3	0.0
17.5°	52.3	41.1	29.9	19.7	11.7	4.4	0.0
15°	53.2	41.9	30.5	20.0	11.9	4.4	0.0
12.5°	53.9	42.6	31.0	20.3	12.0	4.5	0.0
10°	54.5	43.1	31.5	20.5	12.2	4.5	0.0
7.5°	55.0	43.5	31.8	20.7	12.3	4.6	0.0
5°	55.3	43.8	32.1	20.8	12.3	4.6	0.0
2.5°	55.5	43.9	32.3	20.9	12.4	4.6	0.0
0°	55.6	44.0	32.4	20.9	12.4	4.6	0.0
-2.5°	55.5	43.9	32.3	20.9	12.4	4.6	0.0
-5°	55.3	43.8	32.1	20.8	12.3	4.6	0.0
-7.5°	55.0	43.5	31.8	20.7	12.3	4.6	0.0
-10°	54.5	43.1	31.5	20.5	12.2	4.5	0.0
-12.5°	53.9	42.6	31.0	20.3	12.0	4.5	0.0
-15°	53.2	41.9	30.5	20.0	11.9	4.4	0.0
-17.5°	52.3	41.1	29.9	19.7	11.7	4.4	0.0
-20°	51.3	40.3	29.2	19.4	11.5	4.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.1	39.3	28.5	18.9	11.2	4.2	0.0
-25°	48.8	38.1	27.7	18.5	10.9	4.2	0.0
-27.5°	47.4	36.9	26.8	18.0	10.6	4.1	0.0
-30°	45.9	35.6	25.9	17.5	10.3	4.0	0.0
-32.5°	44.3	34.2	24.9	16.9	10.0	3.9	0.0
-35°	42.5	32.7	23.8	16.3	9.6	3.8	0.0
-37.5°	40.6	31.2	22.7	15.6	9.2	3.6	0.0
-40°	38.6	29.7	21.5	14.9	8.7	3.5	0.0
-42.5°	36.5	28.2	20.4	14.2	8.3	3.4	0.0
-45°	34.3	26.5	19.4	13.4	7.8	3.3	0.0
-47.5°	32.0	24.8	18.2	12.6	7.3	3.1	0.0
-50°	29.9	23.0	17.1	11.8	6.8	3.0	0.0
-52.5°	27.7	21.2	15.9	11.0	6.3	2.8	0.0
-55°	25.4	19.6	14.7	10.1	5.7	2.6	0.0
-57.5°	23.0	18.0	13.4	9.3	5.2	2.5	0.0
-60°	20.7	16.3	12.0	8.4	4.6	2.3	0.0
-62.5°	18.6	14.6	10.9	7.5	4.2	2.1	0.0
-65°	16.4	12.8	9.7	6.6	3.9	1.9	0.0
-67.5°	14.2	11.1	8.5	5.7	3.5	1.8	0.0
-70°	12.0	9.7	7.3	4.8	3.1	1.6	0.0
-72.5°	10.1	8.2	6.1	4.1	2.8	1.4	0.0
-75°	8.4	6.7	4.8	3.6	2.4	1.2	0.0
-77.5°	6.6	5.1	4.0	3.0	2.0	1.0	0.0
-80°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)