

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: P558588 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558588 (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-SA1E-927-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

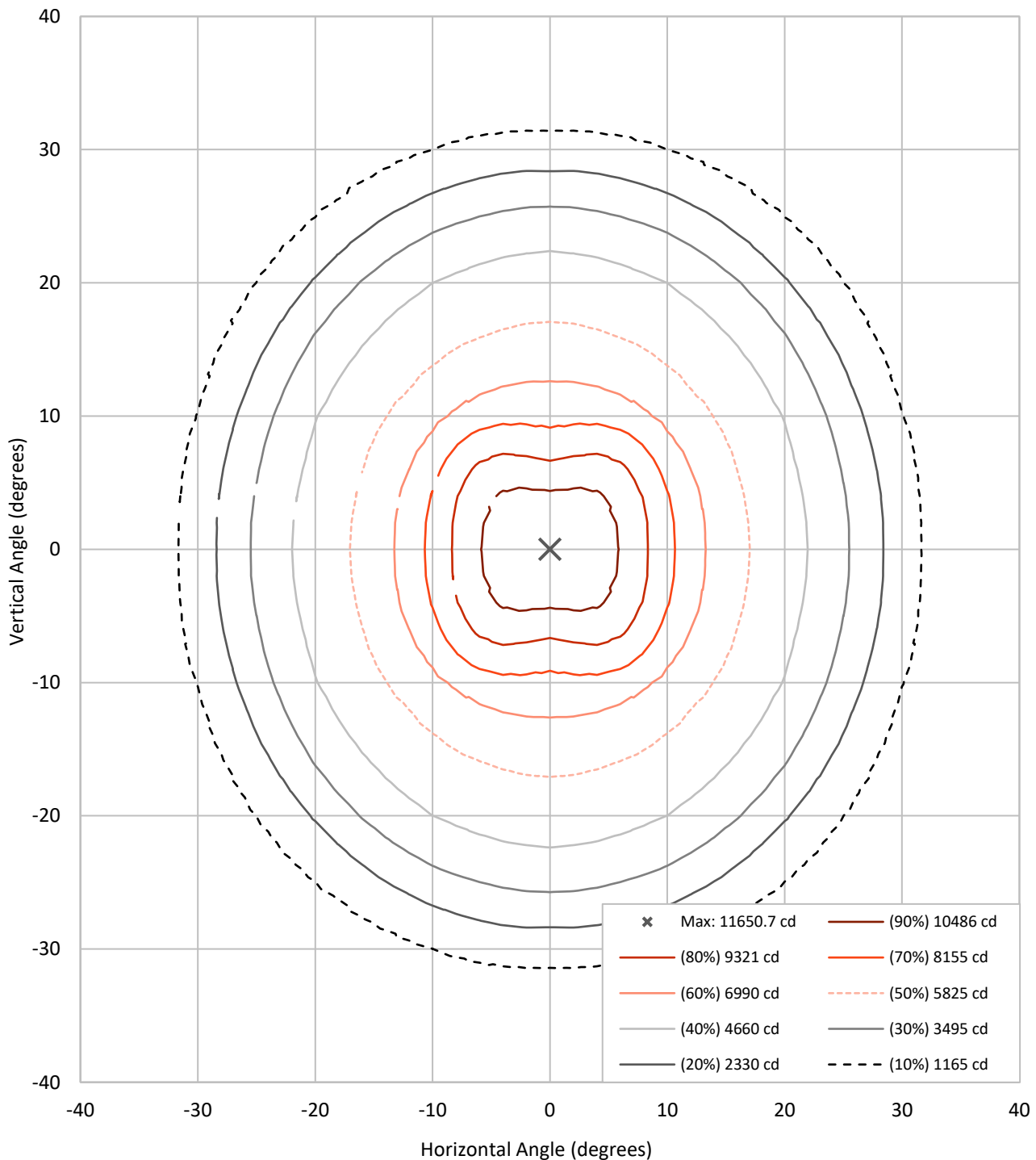
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5153.9 lumens	Max Intensity:	11650.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2195.3 lumens	Field Lumens:	4486.7 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 64
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





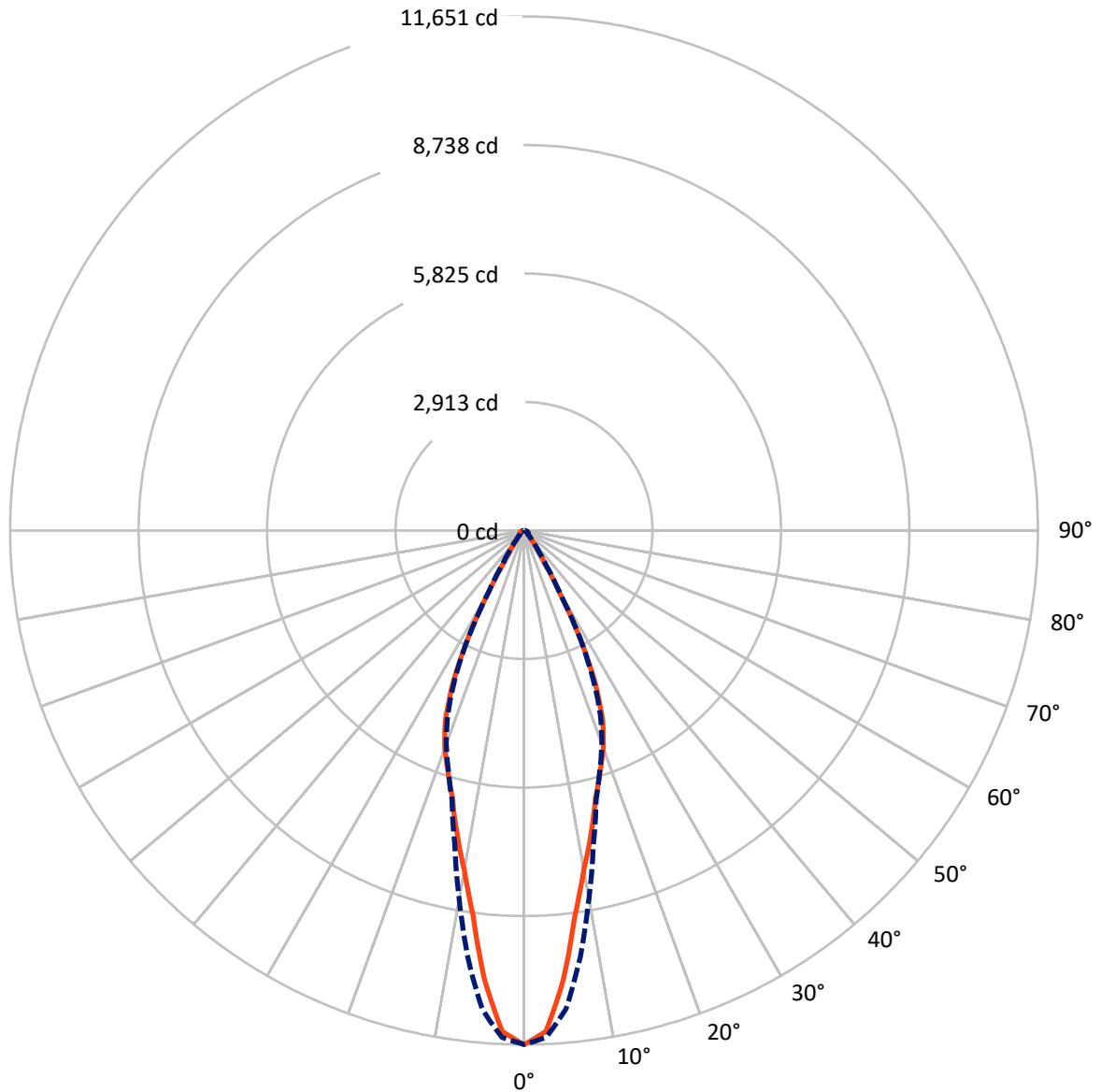
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Lumen Table

90																			
80	0.1	0.6		1.6		2.6		3.1		2.6		1.6		0.6		0.1			
70																			
60	0.3	0.3	0.7	1.1	1.7	2.1	2.5	2.7	2.7	2.5	2.1	1.7	1.1	0.7	0.3	0.3			
50		0.5	1.1	1.8	2.5	2.8	3.0	3.0	3.0	3.0	2.8	2.5	1.8	1.1	0.5				
40	0.5	0.7	1.5	2.2	2.6	3.2	4.1	4.7	4.7	4.1	3.2	2.6	2.2	1.5	0.7	0.5			
30		0.8	1.7	2.2	3.3	6.6	12.5	19.1	19.1	12.5	6.6	3.3	2.2	1.7	0.8				
20	0.7	1.0	1.8	2.5	6.0	20.0	63.1	103.8	103.8	63.1	20.0	6.0	2.5	1.8	1.0	0.7			
10		1.1	1.8	3.0	11.3	59.4	140.5	186.0	186.0	140.5	59.4	11.3	3.0	1.8	1.1				
0	0.7	1.1	1.8	3.5	17.1	93.6	182.7	288.3	288.3	182.7	93.6	17.1	3.5	1.8	1.1	0.7			
-10		1.1	1.8	3.5	17.1	93.6	182.7	288.3	288.3	182.7	93.6	17.1	3.5	1.8	1.1				
-20	0.7	1.1	1.8	3.0	11.3	59.4	140.5	186.0	186.0	140.5	59.4	11.3	3.0	1.8	1.1	0.7			
-30		1.0	1.8	2.5	6.0	20.0	63.1	103.8	103.8	63.1	20.0	6.0	2.5	1.8	1.0				
-40	0.5	0.8	1.7	2.2	3.3	6.6	12.5	19.1	19.1	12.5	6.6	3.3	2.2	1.7	0.8	0.5			
-50		0.7	1.5	2.2	2.6	3.2	4.1	4.7	4.7	4.1	3.2	2.6	2.2	1.5	0.7				
-60	0.3	0.5	1.1	1.8	2.5	2.8	3.0	3.0	3.0	3.0	2.8	2.5	1.8	1.1	0.5	0.3			
-70		0.3	0.7	1.1	1.7	2.1	2.5	2.7	2.7	2.5	2.1	1.7	1.1	0.7	0.3				
-80																			
-90	0.1	0.6		1.6		2.6		3.1		2.6		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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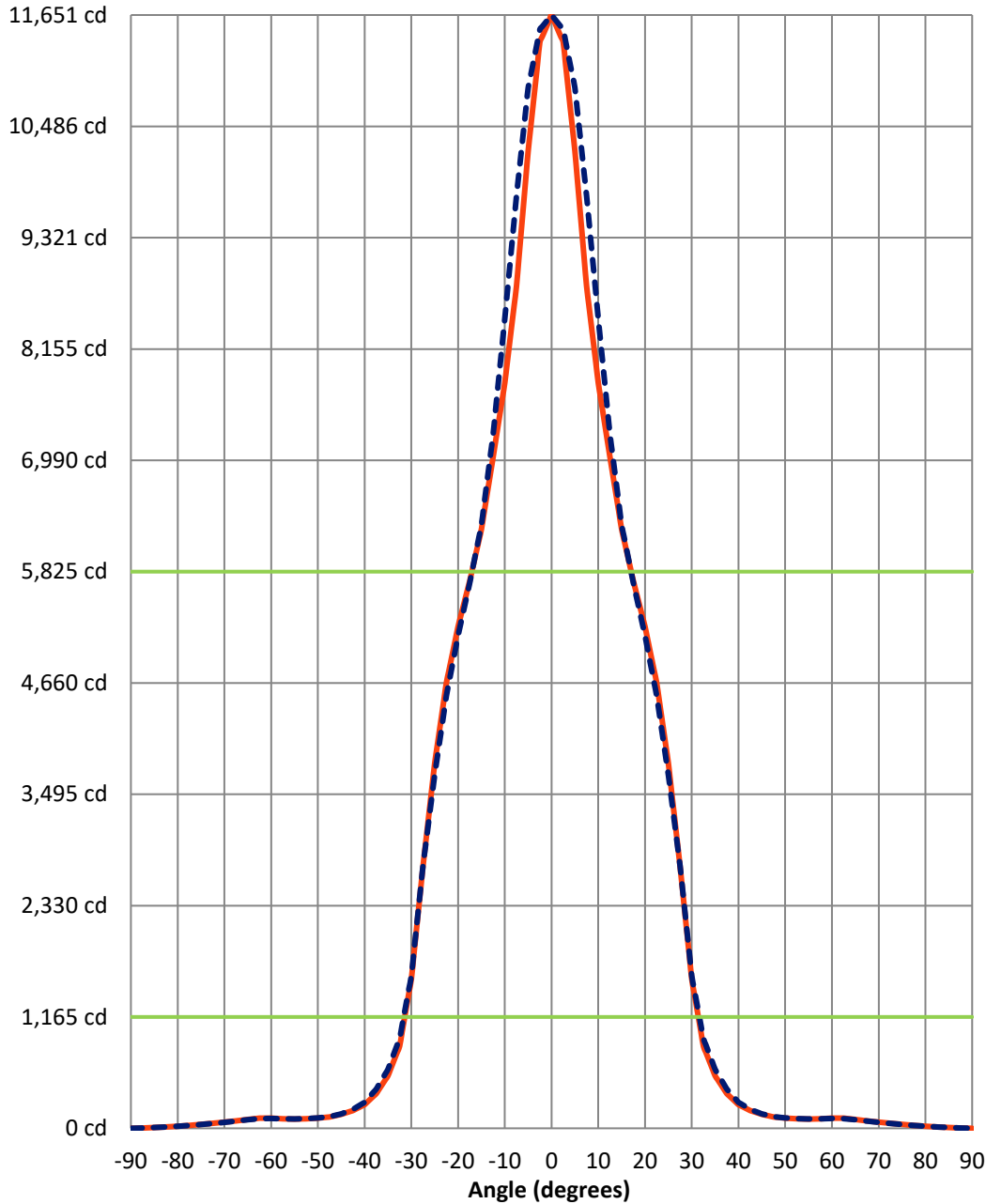
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 2195.3
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 4486.7
Efficiency: 87.1%

Spill:
Lumens: 667.3
Efficiency: 12.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.7	4.3
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.0	4.9	5.6	6.4
77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.5	5.6	6.6	7.5	8.5
75°	0.0	0.8	1.6	2.3	3.2	4.5	5.9	7.2	8.4	9.6	10.9
72.5°	0.0	0.9	1.8	2.7	4.0	5.6	7.2	8.7	10.2	11.8	13.3
70°	0.0	1.0	2.0	3.1	4.9	6.7	8.5	10.3	12.0	13.9	16.2
67.5°	0.0	1.1	2.3	3.7	5.7	7.7	9.9	11.9	13.9	16.6	19.2
65°	0.0	1.3	2.5	4.3	6.5	8.8	11.2	13.4	16.2	19.2	22.4
62.5°	0.0	1.4	2.8	4.9	7.3	9.9	12.5	15.2	18.6	22.0	26.0
60°	0.0	1.5	3.0	5.5	8.0	11.0	13.8	17.2	20.8	25.1	29.5
57.5°	0.0	1.6	3.4	6.0	8.9	12.1	15.4	19.2	23.5	28.2	33.1
55°	0.0	1.7	3.7	6.6	9.8	13.2	17.0	21.1	26.2	31.3	36.7
52.5°	0.0	1.8	4.1	7.1	10.7	14.3	18.6	23.4	28.8	34.4	40.2
50°	0.0	1.9	4.4	7.6	11.5	15.5	20.2	25.6	31.4	37.3	43.8
47.5°	0.0	2.0	4.8	8.1	12.3	16.8	21.7	27.7	33.8	40.1	47.4
45°	0.0	2.1	5.1	8.7	13.1	18.0	23.4	29.7	36.2	43.3	50.9
42.5°	0.0	2.2	5.4	9.2	13.9	19.1	25.0	31.6	38.5	46.4	54.5
40°	0.0	2.3	5.7	9.8	14.7	20.2	26.6	33.6	40.9	49.3	58.0
37.5°	0.0	2.4	6.0	10.3	15.5	21.3	28.0	35.4	43.4	52.2	61.3
35°	0.0	2.5	6.3	10.8	16.3	22.3	29.4	37.1	45.7	55.0	64.6
32.5°	0.0	2.5	6.5	11.3	17.0	23.4	30.7	38.8	47.9	57.6	67.6
30°	0.0	2.6	6.8	11.7	17.7	24.4	32.0	40.4	50.0	60.1	70.4
27.5°	0.0	2.7	7.0	12.1	18.3	25.3	33.2	42.1	51.9	62.3	73.1
25°	0.0	2.7	7.2	12.4	18.8	26.1	34.4	43.6	53.7	64.5	75.5
22.5°	0.0	2.8	7.4	12.7	19.3	26.8	35.4	45.0	55.4	66.5	78.0
20°	0.0	2.8	7.6	13.0	19.8	27.5	36.3	46.2	56.9	68.2	80.2
17.5°	0.0	2.9	7.8	13.2	20.2	28.0	37.2	47.3	58.3	69.8	82.1
15°	0.0	2.9	7.9	13.4	20.5	28.5	37.9	48.2	59.4	71.2	83.8
12.5°	0.0	2.9	8.0	13.6	20.8	28.9	38.5	49.0	60.4	72.3	85.2
10°	0.0	3.0	8.2	13.7	21.0	29.2	39.1	49.7	61.2	73.4	86.4
7.5°	0.0	3.0	8.2	13.8	21.1	29.5	39.5	50.2	61.7	74.3	87.7
5°	0.0	3.0	8.3	13.8	21.3	29.6	39.8	50.6	62.1	74.9	88.7
2.5°	0.0	3.0	8.4	13.8	21.3	29.7	39.9	50.8	62.3	75.4	89.4
0°	0.0	3.0	8.4	13.8	21.3	29.7	39.9	50.8	62.3	75.4	89.4
-2.5°	0.0	3.0	8.4	13.8	21.3	29.7	39.9	50.8	62.3	75.4	89.4
-5°	0.0	3.0	8.3	13.8	21.3	29.6	39.8	50.6	62.1	74.9	88.7
-7.5°	0.0	3.0	8.2	13.8	21.1	29.5	39.5	50.2	61.7	74.3	87.7
-10°	0.0	3.0	8.2	13.7	21.0	29.2	39.1	49.7	61.2	73.4	86.4
-12.5°	0.0	2.9	8.0	13.6	20.8	28.9	38.5	49.0	60.4	72.3	85.2
-15°	0.0	2.9	7.9	13.4	20.5	28.5	37.9	48.2	59.4	71.2	83.8
-17.5°	0.0	2.9	7.8	13.2	20.2	28.0	37.2	47.3	58.3	69.8	82.1
-20°	0.0	2.8	7.6	13.0	19.8	27.5	36.3	46.2	56.9	68.2	80.2



REPORT NUMBER: P558588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.4	12.7	19.3	26.8	35.4	45.0	55.4	66.5	78.0
-25°	0.0	2.7	7.2	12.4	18.8	26.1	34.4	43.6	53.7	64.5	75.5
-27.5°	0.0	2.7	7.0	12.1	18.3	25.3	33.2	42.1	51.9	62.3	73.1
-30°	0.0	2.6	6.8	11.7	17.7	24.4	32.0	40.4	50.0	60.1	70.4
-32.5°	0.0	2.5	6.5	11.3	17.0	23.4	30.7	38.8	47.9	57.6	67.6
-35°	0.0	2.5	6.3	10.8	16.3	22.3	29.4	37.1	45.7	55.0	64.6
-37.5°	0.0	2.4	6.0	10.3	15.5	21.3	28.0	35.4	43.4	52.2	61.3
-40°	0.0	2.3	5.7	9.8	14.7	20.2	26.6	33.6	40.9	49.3	58.0
-42.5°	0.0	2.2	5.4	9.2	13.9	19.1	25.0	31.6	38.5	46.4	54.5
-45°	0.0	2.1	5.1	8.7	13.1	18.0	23.4	29.7	36.2	43.3	50.9
-47.5°	0.0	2.0	4.8	8.1	12.3	16.8	21.7	27.7	33.8	40.1	47.4
-50°	0.0	1.9	4.4	7.6	11.5	15.5	20.2	25.6	31.4	37.3	43.8
-52.5°	0.0	1.8	4.1	7.1	10.7	14.3	18.6	23.4	28.8	34.4	40.2
-55°	0.0	1.7	3.7	6.6	9.8	13.2	17.0	21.1	26.2	31.3	36.7
-57.5°	0.0	1.6	3.4	6.0	8.9	12.1	15.4	19.2	23.5	28.2	33.1
-60°	0.0	1.5	3.0	5.5	8.0	11.0	13.8	17.2	20.8	25.1	29.5
-62.5°	0.0	1.4	2.8	4.9	7.3	9.9	12.5	15.2	18.6	22.0	26.0
-65°	0.0	1.3	2.5	4.3	6.5	8.8	11.2	13.4	16.2	19.2	22.4
-67.5°	0.0	1.1	2.3	3.7	5.7	7.7	9.9	11.9	13.9	16.6	19.2
-70°	0.0	1.0	2.0	3.1	4.9	6.7	8.5	10.3	12.0	13.9	16.2
-72.5°	0.0	0.9	1.8	2.7	4.0	5.6	7.2	8.7	10.2	11.8	13.3
-75°	0.0	0.8	1.6	2.3	3.2	4.5	5.9	7.2	8.4	9.6	10.9
-77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.5	5.6	6.6	7.5	8.5
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.0	4.9	5.6	6.4
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.7	4.3
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-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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 CATALOG NUMBER: GFLD-SA1E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.4	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.6
82.5°	4.9	5.4	6.0	6.5	6.9	7.3	7.7	8.2	8.8	9.4	10.0
80°	7.1	7.9	8.8	9.7	10.6	11.4	12.2	13.1	13.9	14.8	15.6
77.5°	9.7	10.9	12.1	13.3	14.5	15.9	17.3	18.7	19.9	21.0	22.0
75°	12.4	13.8	15.7	17.5	19.3	21.0	22.8	24.7	26.4	27.9	29.3
72.5°	15.3	17.5	19.7	21.9	24.3	26.7	29.0	31.2	33.2	35.1	37.0
70°	18.6	21.1	24.0	27.0	29.8	32.5	35.2	37.7	40.0	42.5	45.2
67.5°	22.0	25.4	28.8	32.1	35.5	38.5	41.4	44.7	47.8	51.0	54.0
65°	26.0	29.7	33.6	37.5	41.1	44.9	48.6	52.3	56.0	59.5	62.8
62.5°	29.9	34.3	38.6	42.9	47.2	51.5	55.8	60.1	64.2	68.5	72.7
60°	34.1	38.9	43.7	48.4	53.3	58.3	63.2	68.2	73.3	78.2	82.9
57.5°	38.3	43.5	48.7	54.1	59.7	65.3	71.0	76.7	82.5	88.1	92.9
55°	42.3	48.0	53.8	60.0	66.2	72.6	79.0	85.6	91.8	96.5	100.9
52.5°	46.4	52.5	59.1	65.9	72.8	79.9	87.4	93.7	99.0	103.0	104.0
50°	50.4	57.3	64.4	71.8	79.4	87.5	94.6	100.4	103.3	104.5	103.9
47.5°	54.6	62.1	69.6	77.6	86.1	93.9	100.6	103.6	105.0	103.4	101.5
45°	58.8	66.8	74.8	83.5	92.1	99.4	103.2	105.3	103.4	101.5	100.2
42.5°	62.8	71.3	80.1	89.2	97.1	102.2	104.7	103.5	101.8	100.4	100.9
40°	66.8	75.7	85.4	93.8	101.0	103.6	103.2	101.7	100.8	101.4	103.4
37.5°	70.6	80.3	90.2	98.4	102.2	103.3	101.5	100.6	101.3	103.6	108.1
35°	74.2	84.8	94.1	101.0	103.6	101.8	100.5	100.3	103.0	107.8	114.4
32.5°	77.9	89.0	97.9	102.2	102.6	100.6	99.6	101.9	106.1	112.3	123.4
30°	81.5	92.2	100.6	103.2	101.4	99.8	100.4	103.7	109.3	119.7	137.7
27.5°	84.7	95.2	101.5	102.7	100.4	99.1	101.6	106.5	114.7	128.6	154.3
25°	87.7	97.9	102.3	101.8	99.7	99.6	102.9	109.0	120.3	142.8	178.0
22.5°	90.2	100.3	103.0	100.9	99.0	100.4	105.0	113.5	128.7	156.2	202.7
20°	92.2	100.9	102.9	100.1	98.4	101.0	106.9	117.9	139.9	177.2	230.6
17.5°	94.0	101.5	102.2	99.5	98.8	102.1	108.9	121.8	149.8	195.2	257.4
15°	95.6	102.0	101.5	99.0	99.3	103.5	112.1	129.2	161.8	212.1	281.4
12.5°	97.0	102.4	100.9	98.7	99.6	104.6	114.9	136.0	173.5	230.5	319.9
10°	98.2	102.7	100.3	98.3	99.9	105.5	117.1	141.3	182.6	246.2	352.2
7.5°	99.2	103.0	99.8	98.1	100.0	106.2	118.8	145.2	189.1	258.7	376.4
5°	100.0	103.2	99.5	98.0	100.4	106.9	120.0	147.7	193.0	267.9	392.6
2.5°	100.5	103.3	99.4	97.9	100.9	107.9	121.1	149.8	196.5	272.4	404.2
0°	100.8	103.3	99.3	97.9	101.3	108.7	121.6	150.7	198.2	272.3	411.2
-2.5°	100.5	103.3	99.4	97.9	100.9	107.9	121.1	149.8	196.5	272.4	404.2
-5°	100.0	103.2	99.5	98.0	100.4	106.9	120.0	147.7	193.0	267.9	392.6
-7.5°	99.2	103.0	99.8	98.1	100.0	106.2	118.8	145.2	189.1	258.7	376.4
-10°	98.2	102.7	100.3	98.3	99.9	105.5	117.1	141.3	182.6	246.2	352.2
-12.5°	97.0	102.4	100.9	98.7	99.6	104.6	114.9	136.0	173.5	230.5	319.9
-15°	95.6	102.0	101.5	99.0	99.3	103.5	112.1	129.2	161.8	212.1	281.4
-17.5°	94.0	101.5	102.2	99.5	98.8	102.1	108.9	121.8	149.8	195.2	257.4
-20°	92.2	100.9	102.9	100.1	98.4	101.0	106.9	117.9	139.9	177.2	230.6



REPORT NUMBER: P558588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	90.2	100.3	103.0	100.9	99.0	100.4	105.0	113.5	128.7	156.2	202.7
-25°	87.7	97.9	102.3	101.8	99.7	99.6	102.9	109.0	120.3	142.8	178.0
-27.5°	84.7	95.2	101.5	102.7	100.4	99.1	101.6	106.5	114.7	128.6	154.3
-30°	81.5	92.2	100.6	103.2	101.4	99.8	100.4	103.7	109.3	119.7	137.7
-32.5°	77.9	89.0	97.9	102.2	102.6	100.6	99.6	101.9	106.1	112.3	123.4
-35°	74.2	84.8	94.1	101.0	103.6	101.8	100.5	100.3	103.0	107.8	114.4
-37.5°	70.6	80.3	90.2	98.4	102.2	103.3	101.5	100.6	101.3	103.6	108.1
-40°	66.8	75.7	85.4	93.8	101.0	103.6	103.2	101.7	100.8	101.4	103.4
-42.5°	62.8	71.3	80.1	89.2	97.1	102.2	104.7	103.5	101.8	100.4	100.9
-45°	58.8	66.8	74.8	83.5	92.1	99.4	103.2	105.3	103.4	101.5	100.2
-47.5°	54.6	62.1	69.6	77.6	86.1	93.9	100.6	103.6	105.0	103.4	101.5
-50°	50.4	57.3	64.4	71.8	79.4	87.5	94.6	100.4	103.3	104.5	103.9
-52.5°	46.4	52.5	59.1	65.9	72.8	79.9	87.4	93.7	99.0	103.0	104.0
-55°	42.3	48.0	53.8	60.0	66.2	72.6	79.0	85.6	91.8	96.5	100.9
-57.5°	38.3	43.5	48.7	54.1	59.7	65.3	71.0	76.7	82.5	88.1	92.9
-60°	34.1	38.9	43.7	48.4	53.3	58.3	63.2	68.2	73.3	78.2	82.9
-62.5°	29.9	34.3	38.6	42.9	47.2	51.5	55.8	60.1	64.2	68.5	72.7
-65°	26.0	29.7	33.6	37.5	41.1	44.9	48.6	52.3	56.0	59.5	62.8
-67.5°	22.0	25.4	28.8	32.1	35.5	38.5	41.4	44.7	47.8	51.0	54.0
-70°	18.6	21.1	24.0	27.0	29.8	32.5	35.2	37.7	40.0	42.5	45.2
-72.5°	15.3	17.5	19.7	21.9	24.3	26.7	29.0	31.2	33.2	35.1	37.0
-75°	12.4	13.8	15.7	17.5	19.3	21.0	22.8	24.7	26.4	27.9	29.3
-77.5°	9.7	10.9	12.1	13.3	14.5	15.9	17.3	18.7	19.9	21.0	22.0
-80°	7.1	7.9	8.8	9.7	10.6	11.4	12.2	13.1	13.9	14.8	15.6
-82.5°	4.9	5.4	6.0	6.5	6.9	7.3	7.7	8.2	8.8	9.4	10.0
-85°	2.8	3.0	3.4	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.6
-87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-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: P558588 (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°	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7
85°	5.8	6.1	6.3	6.6	6.9	7.1	7.2	7.4	7.5	7.6	7.7
82.5°	10.5	11.1	11.6	12.1	12.5	12.8	13.1	13.4	13.6	13.8	14.0
80°	16.4	17.2	17.8	18.4	18.9	19.4	19.8	20.1	20.3	20.8	21.3
77.5°	23.0	24.1	25.0	25.9	26.7	27.4	28.2	28.8	29.4	29.8	30.2
75°	30.7	32.0	33.3	34.5	35.6	36.7	37.8	38.8	39.7	40.3	40.8
72.5°	38.9	40.7	42.2	43.8	45.1	46.5	47.9	49.1	50.2	51.0	51.7
70°	47.7	50.0	51.8	53.6	55.3	57.0	58.6	60.1	61.3	62.4	63.2
67.5°	56.8	59.4	61.7	64.0	66.2	68.4	70.4	72.3	74.0	75.4	76.2
65°	66.1	69.4	72.5	75.3	77.8	80.2	82.8	85.1	87.2	88.9	90.3
62.5°	76.6	80.4	83.9	87.0	89.8	92.0	94.4	96.6	98.6	100.4	102.3
60°	87.4	91.6	94.6	97.3	99.7	101.9	102.7	103.5	104.2	104.8	105.5
57.5°	96.7	100.4	103.0	103.6	104.2	104.6	104.3	103.5	102.6	101.7	101.0
55°	103.3	104.4	105.5	104.6	103.2	101.8	100.6	99.8	99.0	98.3	97.7
52.5°	105.1	104.1	102.8	101.5	100.5	99.4	98.4	98.6	98.9	99.2	99.3
50°	102.5	101.3	100.6	99.9	100.0	100.5	101.0	101.9	103.1	104.0	104.7
47.5°	100.5	99.7	100.7	102.0	103.2	105.3	107.1	109.0	111.9	114.1	116.0
45°	99.9	101.8	103.8	106.8	109.5	114.2	118.6	122.3	129.1	135.4	140.3
42.5°	102.8	106.0	109.5	115.5	121.9	130.2	140.8	149.8	160.3	170.1	177.2
40°	107.5	112.2	120.1	129.7	144.7	158.1	175.7	190.7	204.9	219.9	231.1
37.5°	114.2	123.0	137.8	155.0	177.9	199.9	224.1	247.6	267.7	298.0	321.7
35°	124.1	142.0	163.0	191.9	221.7	255.3	290.8	336.5	376.7	423.8	468.1
32.5°	142.2	166.5	199.4	238.5	278.1	336.1	390.9	465.1	531.7	614.9	704.4
30°	163.5	199.7	243.9	294.9	366.7	446.5	536.5	650.3	785.4	946.4	1162.4
27.5°	192.8	239.2	294.9	377.5	479.3	586.3	745.8	937.1	1285.6	1589.3	1991.9
25°	224.3	281.0	369.1	480.1	614.1	806.7	1118.6	1516.6	2080.2	2619.2	3050.1
22.5°	260.6	343.5	454.7	592.8	809.7	1182.6	1666.9	2367.8	2996.3	3539.9	3958.5
20°	300.9	404.9	554.3	765.3	1134.7	1680.8	2458.3	3177.5	3819.5	4287.5	4657.4
17.5°	353.0	488.8	678.4	969.6	1536.5	2378.0	3179.6	3890.5	4449.1	4860.3	5188.2
15°	401.6	566.1	811.8	1308.6	2082.4	2981.8	3803.5	4437.6	4921.0	5303.6	5598.4
12.5°	459.0	652.9	967.7	1601.5	2584.4	3480.0	4246.4	4838.6	5304.1	5662.7	6057.8
10°	510.1	746.3	1191.0	1991.8	2996.6	3871.5	4615.8	5148.0	5614.7	6082.1	6674.6
7.5°	552.4	824.8	1374.2	2321.2	3313.1	4161.1	4839.1	5370.8	5885.2	6509.5	7364.1
5°	585.9	883.9	1525.0	2569.8	3543.2	4367.8	5009.7	5548.7	6129.7	6964.7	8111.6
2.5°	608.4	922.6	1619.2	2720.0	3688.3	4486.3	5136.1	5665.0	6274.2	7219.6	8417.8
0°	617.3	940.5	1595.3	2747.3	3697.1	4524.9	5155.0	5708.5	6315.4	7262.3	8474.0
-2.5°	608.4	922.6	1619.2	2720.0	3688.3	4486.3	5136.1	5665.0	6274.2	7219.6	8417.8
-5°	585.9	883.9	1525.0	2569.8	3543.2	4367.8	5009.7	5548.7	6129.7	6964.7	8111.6
-7.5°	552.4	824.8	1374.2	2321.2	3313.1	4161.1	4839.1	5370.8	5885.2	6509.5	7364.1
-10°	510.1	746.3	1191.0	1991.8	2996.6	3871.5	4615.8	5148.0	5614.7	6082.1	6674.6
-12.5°	459.0	652.9	967.7	1601.5	2584.4	3480.0	4246.4	4838.6	5304.1	5662.7	6057.8
-15°	401.6	566.1	811.8	1308.6	2082.4	2981.8	3803.5	4437.6	4921.0	5303.6	5598.4
-17.5°	353.0	488.8	678.4	969.6	1536.5	2378.0	3179.6	3890.5	4449.1	4860.3	5188.2
-20°	300.9	404.9	554.3	765.3	1134.7	1680.8	2458.3	3177.5	3819.5	4287.5	4657.4



REPORT NUMBER: P558588 (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°	260.6	343.5	454.7	592.8	809.7	1182.6	1666.9	2367.8	2996.3	3539.9	3958.5
-25°	224.3	281.0	369.1	480.1	614.1	806.7	1118.6	1516.6	2080.2	2619.2	3050.1
-27.5°	192.8	239.2	294.9	377.5	479.3	586.3	745.8	937.1	1285.6	1589.3	1991.9
-30°	163.5	199.7	243.9	294.9	366.7	446.5	536.5	650.3	785.4	946.4	1162.4
-32.5°	142.2	166.5	199.4	238.5	278.1	336.1	390.9	465.1	531.7	614.9	704.4
-35°	124.1	142.0	163.0	191.9	221.7	255.3	290.8	336.5	376.7	423.8	468.1
-37.5°	114.2	123.0	137.8	155.0	177.9	199.9	224.1	247.6	267.7	298.0	321.7
-40°	107.5	112.2	120.1	129.7	144.7	158.1	175.7	190.7	204.9	219.9	231.1
-42.5°	102.8	106.0	109.5	115.5	121.9	130.2	140.8	149.8	160.3	170.1	177.2
-45°	99.9	101.8	103.8	106.8	109.5	114.2	118.6	122.3	129.1	135.4	140.3
-47.5°	100.5	99.7	100.7	102.0	103.2	105.3	107.1	109.0	111.9	114.1	116.0
-50°	102.5	101.3	100.6	99.9	100.0	100.5	101.0	101.9	103.1	104.0	104.7
-52.5°	105.1	104.1	102.8	101.5	100.5	99.4	98.4	98.6	98.9	99.2	99.3
-55°	103.3	104.4	105.5	104.6	103.2	101.8	100.6	99.8	99.0	98.3	97.7
-57.5°	96.7	100.4	103.0	103.6	104.2	104.6	104.3	103.5	102.6	101.7	101.0
-60°	87.4	91.6	94.6	97.3	99.7	101.9	102.7	103.5	104.2	104.8	105.5
-62.5°	76.6	80.4	83.9	87.0	89.8	92.0	94.4	96.6	98.6	100.4	102.3
-65°	66.1	69.4	72.5	75.3	77.8	80.2	82.8	85.1	87.2	88.9	90.3
-67.5°	56.8	59.4	61.7	64.0	66.2	68.4	70.4	72.3	74.0	75.4	76.2
-70°	47.7	50.0	51.8	53.6	55.3	57.0	58.6	60.1	61.3	62.4	63.2
-72.5°	38.9	40.7	42.2	43.8	45.1	46.5	47.9	49.1	50.2	51.0	51.7
-75°	30.7	32.0	33.3	34.5	35.6	36.7	37.8	38.8	39.7	40.3	40.8
-77.5°	23.0	24.1	25.0	25.9	26.7	27.4	28.2	28.8	29.4	29.8	30.2
-80°	16.4	17.2	17.8	18.4	18.9	19.4	19.8	20.1	20.3	20.8	21.3
-82.5°	10.5	11.1	11.6	12.1	12.5	12.8	13.1	13.4	13.6	13.8	14.0
-85°	5.8	6.1	6.3	6.6	6.9	7.1	7.2	7.4	7.5	7.6	7.7
-87.5°	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558588 (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°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.4	2.4
85°	7.8	7.9	8.1	8.4	8.1	7.9	7.8	7.7	7.6	7.5	7.4
82.5°	14.1	14.2	14.3	14.3	14.3	14.2	14.1	14.0	13.8	13.6	13.4
80°	21.7	22.1	21.9	21.7	21.9	22.1	21.7	21.3	20.8	20.3	20.1
77.5°	30.4	30.4	30.3	30.1	30.3	30.4	30.4	30.2	29.8	29.4	28.8
75°	41.1	41.3	41.4	41.5	41.4	41.3	41.1	40.8	40.3	39.7	38.8
72.5°	52.2	52.6	52.6	52.4	52.6	52.6	52.2	51.7	51.0	50.2	49.1
70°	63.9	64.3	64.6	64.7	64.6	64.3	63.9	63.2	62.4	61.3	60.1
67.5°	76.8	77.2	77.5	77.6	77.5	77.2	76.8	76.2	75.4	74.0	72.3
65°	91.4	92.3	92.5	92.4	92.5	92.3	91.4	90.3	88.9	87.2	85.1
62.5°	104.0	105.5	106.1	106.3	106.1	105.5	104.0	102.3	100.4	98.6	96.6
60°	106.1	106.6	106.7	106.7	106.7	106.6	106.1	105.5	104.8	104.2	103.5
57.5°	100.3	99.7	99.4	99.3	99.4	99.7	100.3	101.0	101.7	102.6	103.5
55°	97.2	96.7	96.4	96.4	96.4	96.7	97.2	97.7	98.3	99.0	99.8
52.5°	99.3	99.2	99.4	99.8	99.4	99.2	99.3	99.3	99.2	98.9	98.6
50°	105.4	105.9	106.3	106.7	106.3	105.9	105.4	104.7	104.0	103.1	101.9
47.5°	117.3	117.9	118.4	118.6	118.4	117.9	117.3	116.0	114.1	111.9	109.0
45°	143.5	145.2	146.0	146.3	146.0	145.2	143.5	140.3	135.4	129.1	122.3
42.5°	181.9	184.5	185.6	185.8	185.6	184.5	181.9	177.2	170.1	160.3	149.8
40°	239.2	243.8	246.0	247.6	246.0	243.8	239.2	231.1	219.9	204.9	190.7
37.5°	339.5	351.1	357.6	363.2	357.6	351.1	339.5	321.7	298.0	267.7	247.6
35°	504.2	530.6	546.2	549.5	546.2	530.6	504.2	468.1	423.8	376.7	336.5
32.5°	773.2	825.0	856.0	859.9	856.0	825.0	773.2	704.4	614.9	531.7	465.1
30°	1330.2	1475.4	1574.9	1561.2	1574.9	1475.4	1330.2	1162.4	946.4	785.4	650.3
27.5°	2321.7	2585.0	2756.0	2741.8	2756.0	2585.0	2321.7	1991.9	1589.3	1285.6	937.1
25°	3381.4	3623.7	3766.8	3819.7	3766.8	3623.7	3381.4	3050.1	2619.2	2080.2	1516.6
22.5°	4246.7	4463.5	4587.2	4661.3	4587.2	4463.5	4246.7	3958.5	3539.9	2996.3	2367.8
20°	4909.8	5097.7	5204.2	5249.9	5204.2	5097.7	4909.8	4657.4	4287.5	3819.5	3177.5
17.5°	5419.9	5577.2	5697.7	5728.8	5697.7	5577.2	5419.9	5188.2	4860.3	4449.1	3890.5
15°	5871.1	6074.2	6216.4	6269.4	6216.4	6074.2	5871.1	5598.4	5303.6	4921.0	4437.6
12.5°	6440.0	6793.4	6981.2	7024.5	6981.2	6793.4	6440.0	6057.8	5662.7	5304.1	4838.6
10°	7281.0	7824.1	7885.7	7801.4	7885.7	7824.1	7281.0	6674.6	6082.1	5614.7	5148.0
7.5°	8505.7	9230.0	9073.4	8812.6	9073.4	9230.0	8505.7	7364.1	6509.5	5885.2	5370.8
5°	9382.2	10387.7	10418.9	10227.4	10418.9	10387.7	9382.2	8111.6	6964.7	6129.7	5548.7
2.5°	9731.1	10766.2	11281.4	11365.8	11281.4	10766.2	9731.1	8417.8	7219.6	6274.2	5665.0
0°	9757.2	10888.2	11499.0	11650.7	11499.0	10888.2	9757.2	8474.0	7262.3	6315.4	5708.5
-2.5°	9731.1	10766.2	11281.4	11365.8	11281.4	10766.2	9731.1	8417.8	7219.6	6274.2	5665.0
-5°	9382.2	10387.7	10418.9	10227.4	10418.9	10387.7	9382.2	8111.6	6964.7	6129.7	5548.7
-7.5°	8505.7	9230.0	9073.4	8812.6	9073.4	9230.0	8505.7	7364.1	6509.5	5885.2	5370.8
-10°	7281.0	7824.1	7885.7	7801.4	7885.7	7824.1	7281.0	6674.6	6082.1	5614.7	5148.0
-12.5°	6440.0	6793.4	6981.2	7024.5	6981.2	6793.4	6440.0	6057.8	5662.7	5304.1	4838.6
-15°	5871.1	6074.2	6216.4	6269.4	6216.4	6074.2	5871.1	5598.4	5303.6	4921.0	4437.6
-17.5°	5419.9	5577.2	5697.7	5728.8	5697.7	5577.2	5419.9	5188.2	4860.3	4449.1	3890.5
-20°	4909.8	5097.7	5204.2	5249.9	5204.2	5097.7	4909.8	4657.4	4287.5	3819.5	3177.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4246.7	4463.5	4587.2	4661.3	4587.2	4463.5	4246.7	3958.5	3539.9	2996.3	2367.8
-25°	3381.4	3623.7	3766.8	3819.7	3766.8	3623.7	3381.4	3050.1	2619.2	2080.2	1516.6
-27.5°	2321.7	2585.0	2756.0	2741.8	2756.0	2585.0	2321.7	1991.9	1589.3	1285.6	937.1
-30°	1330.2	1475.4	1574.9	1561.2	1574.9	1475.4	1330.2	1162.4	946.4	785.4	650.3
-32.5°	773.2	825.0	856.0	859.9	856.0	825.0	773.2	704.4	614.9	531.7	465.1
-35°	504.2	530.6	546.2	549.5	546.2	530.6	504.2	468.1	423.8	376.7	336.5
-37.5°	339.5	351.1	357.6	363.2	357.6	351.1	339.5	321.7	298.0	267.7	247.6
-40°	239.2	243.8	246.0	247.6	246.0	243.8	239.2	231.1	219.9	204.9	190.7
-42.5°	181.9	184.5	185.6	185.8	185.6	184.5	181.9	177.2	170.1	160.3	149.8
-45°	143.5	145.2	146.0	146.3	146.0	145.2	143.5	140.3	135.4	129.1	122.3
-47.5°	117.3	117.9	118.4	118.6	118.4	117.9	117.3	116.0	114.1	111.9	109.0
-50°	105.4	105.9	106.3	106.7	106.3	105.9	105.4	104.7	104.0	103.1	101.9
-52.5°	99.3	99.2	99.4	99.8	99.4	99.2	99.3	99.3	99.2	98.9	98.6
-55°	97.2	96.7	96.4	96.4	96.4	96.7	97.2	97.7	98.3	99.0	99.8
-57.5°	100.3	99.7	99.4	99.3	99.4	99.7	100.3	101.0	101.7	102.6	103.5
-60°	106.1	106.6	106.7	106.7	106.7	106.6	106.1	105.5	104.8	104.2	103.5
-62.5°	104.0	105.5	106.1	106.3	106.1	105.5	104.0	102.3	100.4	98.6	96.6
-65°	91.4	92.3	92.5	92.4	92.5	92.3	91.4	90.3	88.9	87.2	85.1
-67.5°	76.8	77.2	77.5	77.6	77.5	77.2	76.8	76.2	75.4	74.0	72.3
-70°	63.9	64.3	64.6	64.7	64.6	64.3	63.9	63.2	62.4	61.3	60.1
-72.5°	52.2	52.6	52.6	52.4	52.6	52.6	52.2	51.7	51.0	50.2	49.1
-75°	41.1	41.3	41.4	41.5	41.4	41.3	41.1	40.8	40.3	39.7	38.8
-77.5°	30.4	30.4	30.3	30.1	30.3	30.4	30.4	30.2	29.8	29.4	28.8
-80°	21.7	22.1	21.9	21.7	21.9	22.1	21.7	21.3	20.8	20.3	20.1
-82.5°	14.1	14.2	14.3	14.3	14.3	14.2	14.1	14.0	13.8	13.6	13.4
-85°	7.8	7.9	8.1	8.4	8.1	7.9	7.8	7.7	7.6	7.5	7.4
-87.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.4	2.4
-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: P558588 (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°	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
85°	7.2	7.1	6.9	6.6	6.3	6.1	5.8	5.6	5.3	5.1	4.8
82.5°	13.1	12.8	12.5	12.1	11.6	11.1	10.5	10.0	9.4	8.8	8.2
80°	19.8	19.4	18.9	18.4	17.8	17.2	16.4	15.6	14.8	13.9	13.1
77.5°	28.2	27.4	26.7	25.9	25.0	24.1	23.0	22.0	21.0	19.9	18.7
75°	37.8	36.7	35.6	34.5	33.3	32.0	30.7	29.3	27.9	26.4	24.7
72.5°	47.9	46.5	45.1	43.8	42.2	40.7	38.9	37.0	35.1	33.2	31.2
70°	58.6	57.0	55.3	53.6	51.8	50.0	47.7	45.2	42.5	40.0	37.7
67.5°	70.4	68.4	66.2	64.0	61.7	59.4	56.8	54.0	51.0	47.8	44.7
65°	82.8	80.2	77.8	75.3	72.5	69.4	66.1	62.8	59.5	56.0	52.3
62.5°	94.4	92.0	89.8	87.0	83.9	80.4	76.6	72.7	68.5	64.2	60.1
60°	102.7	101.9	99.7	97.3	94.6	91.6	87.4	82.9	78.2	73.3	68.2
57.5°	104.3	104.6	104.2	103.6	103.0	100.4	96.7	92.9	88.1	82.5	76.7
55°	100.6	101.8	103.2	104.6	105.5	104.4	103.3	100.9	96.5	91.8	85.6
52.5°	98.4	99.4	100.5	101.5	102.8	104.1	105.1	104.0	103.0	99.0	93.7
50°	101.0	100.5	100.0	99.9	100.6	101.3	102.5	103.9	104.5	103.3	100.4
47.5°	107.1	105.3	103.2	102.0	100.7	99.7	100.5	101.5	103.4	105.0	103.6
45°	118.6	114.2	109.5	106.8	103.8	101.8	99.9	100.2	101.5	103.4	105.3
42.5°	140.8	130.2	121.9	115.5	109.5	106.0	102.8	100.9	100.4	101.8	103.5
40°	175.7	158.1	144.7	129.7	120.1	112.2	107.5	103.4	101.4	100.8	101.7
37.5°	224.1	199.9	177.9	155.0	137.8	123.0	114.2	108.1	103.6	101.3	100.6
35°	290.8	255.3	221.7	191.9	163.0	142.0	124.1	114.4	107.8	103.0	100.3
32.5°	390.9	336.1	278.1	238.5	199.4	166.5	142.2	123.4	112.3	106.1	101.9
30°	536.5	446.5	366.7	294.9	243.9	199.7	163.5	137.7	119.7	109.3	103.7
27.5°	745.8	586.3	479.3	377.5	294.9	239.2	192.8	154.3	128.6	114.7	106.5
25°	1118.6	806.7	614.1	480.1	369.1	281.0	224.3	178.0	142.8	120.3	109.0
22.5°	1666.9	1182.6	809.7	592.8	454.7	343.5	260.6	202.7	156.2	128.7	113.5
20°	2458.3	1680.8	1134.7	765.3	554.3	404.9	300.9	230.6	177.2	139.9	117.9
17.5°	3179.6	2378.0	1536.5	969.6	678.4	488.8	353.0	257.4	195.2	149.8	121.8
15°	3803.5	2981.8	2082.4	1308.6	811.8	566.1	401.6	281.4	212.1	161.8	129.2
12.5°	4246.4	3480.0	2584.4	1601.5	967.7	652.9	459.0	319.9	230.5	173.5	136.0
10°	4615.8	3871.5	2996.6	1991.8	1191.0	746.3	510.1	352.2	246.2	182.6	141.3
7.5°	4839.1	4161.1	3313.1	2321.2	1374.2	824.8	552.4	376.4	258.7	189.1	145.2
5°	5009.7	4367.8	3543.2	2569.8	1525.0	883.9	585.9	392.6	267.9	193.0	147.7
2.5°	5136.1	4486.3	3688.3	2720.0	1619.2	922.6	608.4	404.2	272.4	196.5	149.8
0°	5155.0	4524.9	3697.1	2747.3	1595.3	940.5	617.3	411.2	272.3	198.2	150.7
-2.5°	5136.1	4486.3	3688.3	2720.0	1619.2	922.6	608.4	404.2	272.4	196.5	149.8
-5°	5009.7	4367.8	3543.2	2569.8	1525.0	883.9	585.9	392.6	267.9	193.0	147.7
-7.5°	4839.1	4161.1	3313.1	2321.2	1374.2	824.8	552.4	376.4	258.7	189.1	145.2
-10°	4615.8	3871.5	2996.6	1991.8	1191.0	746.3	510.1	352.2	246.2	182.6	141.3
-12.5°	4246.4	3480.0	2584.4	1601.5	967.7	652.9	459.0	319.9	230.5	173.5	136.0
-15°	3803.5	2981.8	2082.4	1308.6	811.8	566.1	401.6	281.4	212.1	161.8	129.2
-17.5°	3179.6	2378.0	1536.5	969.6	678.4	488.8	353.0	257.4	195.2	149.8	121.8
-20°	2458.3	1680.8	1134.7	765.3	554.3	404.9	300.9	230.6	177.2	139.9	117.9



REPORT NUMBER: P558588 (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°	1666.9	1182.6	809.7	592.8	454.7	343.5	260.6	202.7	156.2	128.7	113.5
-25°	1118.6	806.7	614.1	480.1	369.1	281.0	224.3	178.0	142.8	120.3	109.0
-27.5°	745.8	586.3	479.3	377.5	294.9	239.2	192.8	154.3	128.6	114.7	106.5
-30°	536.5	446.5	366.7	294.9	243.9	199.7	163.5	137.7	119.7	109.3	103.7
-32.5°	390.9	336.1	278.1	238.5	199.4	166.5	142.2	123.4	112.3	106.1	101.9
-35°	290.8	255.3	221.7	191.9	163.0	142.0	124.1	114.4	107.8	103.0	100.3
-37.5°	224.1	199.9	177.9	155.0	137.8	123.0	114.2	108.1	103.6	101.3	100.6
-40°	175.7	158.1	144.7	129.7	120.1	112.2	107.5	103.4	101.4	100.8	101.7
-42.5°	140.8	130.2	121.9	115.5	109.5	106.0	102.8	100.9	100.4	101.8	103.5
-45°	118.6	114.2	109.5	106.8	103.8	101.8	99.9	100.2	101.5	103.4	105.3
-47.5°	107.1	105.3	103.2	102.0	100.7	99.7	100.5	101.5	103.4	105.0	103.6
-50°	101.0	100.5	100.0	99.9	100.6	101.3	102.5	103.9	104.5	103.3	100.4
-52.5°	98.4	99.4	100.5	101.5	102.8	104.1	105.1	104.0	103.0	99.0	93.7
-55°	100.6	101.8	103.2	104.6	105.5	104.4	103.3	100.9	96.5	91.8	85.6
-57.5°	104.3	104.6	104.2	103.6	103.0	100.4	96.7	92.9	88.1	82.5	76.7
-60°	102.7	101.9	99.7	97.3	94.6	91.6	87.4	82.9	78.2	73.3	68.2
-62.5°	94.4	92.0	89.8	87.0	83.9	80.4	76.6	72.7	68.5	64.2	60.1
-65°	82.8	80.2	77.8	75.3	72.5	69.4	66.1	62.8	59.5	56.0	52.3
-67.5°	70.4	68.4	66.2	64.0	61.7	59.4	56.8	54.0	51.0	47.8	44.7
-70°	58.6	57.0	55.3	53.6	51.8	50.0	47.7	45.2	42.5	40.0	37.7
-72.5°	47.9	46.5	45.1	43.8	42.2	40.7	38.9	37.0	35.1	33.2	31.2
-75°	37.8	36.7	35.6	34.5	33.3	32.0	30.7	29.3	27.9	26.4	24.7
-77.5°	28.2	27.4	26.7	25.9	25.0	24.1	23.0	22.0	21.0	19.9	18.7
-80°	19.8	19.4	18.9	18.4	17.8	17.2	16.4	15.6	14.8	13.9	13.1
-82.5°	13.1	12.8	12.5	12.1	11.6	11.1	10.5	10.0	9.4	8.8	8.2
-85°	7.2	7.1	6.9	6.6	6.3	6.1	5.8	5.6	5.3	5.1	4.8
-87.5°	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	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



REPORT NUMBER: P558588 (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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	7.7	7.3	6.9	6.5	6.0	5.4	4.9	4.3	3.7	3.1	2.7
80°	12.2	11.4	10.6	9.7	8.8	7.9	7.1	6.4	5.6	4.9	4.0
77.5°	17.3	15.9	14.5	13.3	12.1	10.9	9.7	8.5	7.5	6.6	5.6
75°	22.8	21.0	19.3	17.5	15.7	13.8	12.4	10.9	9.6	8.4	7.2
72.5°	29.0	26.7	24.3	21.9	19.7	17.5	15.3	13.3	11.8	10.2	8.7
70°	35.2	32.5	29.8	27.0	24.0	21.1	18.6	16.2	13.9	12.0	10.3
67.5°	41.4	38.5	35.5	32.1	28.8	25.4	22.0	19.2	16.6	13.9	11.9
65°	48.6	44.9	41.1	37.5	33.6	29.7	26.0	22.4	19.2	16.2	13.4
62.5°	55.8	51.5	47.2	42.9	38.6	34.3	29.9	26.0	22.0	18.6	15.2
60°	63.2	58.3	53.3	48.4	43.7	38.9	34.1	29.5	25.1	20.8	17.2
57.5°	71.0	65.3	59.7	54.1	48.7	43.5	38.3	33.1	28.2	23.5	19.2
55°	79.0	72.6	66.2	60.0	53.8	48.0	42.3	36.7	31.3	26.2	21.1
52.5°	87.4	79.9	72.8	65.9	59.1	52.5	46.4	40.2	34.4	28.8	23.4
50°	94.6	87.5	79.4	71.8	64.4	57.3	50.4	43.8	37.3	31.4	25.6
47.5°	100.6	93.9	86.1	77.6	69.6	62.1	54.6	47.4	40.1	33.8	27.7
45°	103.2	99.4	92.1	83.5	74.8	66.8	58.8	50.9	43.3	36.2	29.7
42.5°	104.7	102.2	97.1	89.2	80.1	71.3	62.8	54.5	46.4	38.5	31.6
40°	103.2	103.6	101.0	93.8	85.4	75.7	66.8	58.0	49.3	40.9	33.6
37.5°	101.5	103.3	102.2	98.4	90.2	80.3	70.6	61.3	52.2	43.4	35.4
35°	100.5	101.8	103.6	101.0	94.1	84.8	74.2	64.6	55.0	45.7	37.1
32.5°	99.6	100.6	102.6	102.2	97.9	89.0	77.9	67.6	57.6	47.9	38.8
30°	100.4	99.8	101.4	103.2	100.6	92.2	81.5	70.4	60.1	50.0	40.4
27.5°	101.6	99.1	100.4	102.7	101.5	95.2	84.7	73.1	62.3	51.9	42.1
25°	102.9	99.6	99.7	101.8	102.3	97.9	87.7	75.5	64.5	53.7	43.6
22.5°	105.0	100.4	99.0	100.9	103.0	100.3	90.2	78.0	66.5	55.4	45.0
20°	106.9	101.0	98.4	100.1	102.9	100.9	92.2	80.2	68.2	56.9	46.2
17.5°	108.9	102.1	98.8	99.5	102.2	101.5	94.0	82.1	69.8	58.3	47.3
15°	112.1	103.5	99.3	99.0	101.5	102.0	95.6	83.8	71.2	59.4	48.2
12.5°	114.9	104.6	99.6	98.7	100.9	102.4	97.0	85.2	72.3	60.4	49.0
10°	117.1	105.5	99.9	98.3	100.3	102.7	98.2	86.4	73.4	61.2	49.7
7.5°	118.8	106.2	100.0	98.1	99.8	103.0	99.2	87.7	74.3	61.7	50.2
5°	120.0	106.9	100.4	98.0	99.5	103.2	100.0	88.7	74.9	62.1	50.6
2.5°	121.1	107.9	100.9	97.9	99.4	103.3	100.5	89.4	75.4	62.3	50.8
0°	121.6	108.7	101.3	97.9	99.3	103.3	100.8	89.9	75.6	62.3	50.9
-2.5°	121.1	107.9	100.9	97.9	99.4	103.3	100.5	89.4	75.4	62.3	50.8
-5°	120.0	106.9	100.4	98.0	99.5	103.2	100.0	88.7	74.9	62.1	50.6
-7.5°	118.8	106.2	100.0	98.1	99.8	103.0	99.2	87.7	74.3	61.7	50.2
-10°	117.1	105.5	99.9	98.3	100.3	102.7	98.2	86.4	73.4	61.2	49.7
-12.5°	114.9	104.6	99.6	98.7	100.9	102.4	97.0	85.2	72.3	60.4	49.0
-15°	112.1	103.5	99.3	99.0	101.5	102.0	95.6	83.8	71.2	59.4	48.2
-17.5°	108.9	102.1	98.8	99.5	102.2	101.5	94.0	82.1	69.8	58.3	47.3
-20°	106.9	101.0	98.4	100.1	102.9	100.9	92.2	80.2	68.2	56.9	46.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	105.0	100.4	99.0	100.9	103.0	100.3	90.2	78.0	66.5	55.4	45.0
-25°	102.9	99.6	99.7	101.8	102.3	97.9	87.7	75.5	64.5	53.7	43.6
-27.5°	101.6	99.1	100.4	102.7	101.5	95.2	84.7	73.1	62.3	51.9	42.1
-30°	100.4	99.8	101.4	103.2	100.6	92.2	81.5	70.4	60.1	50.0	40.4
-32.5°	99.6	100.6	102.6	102.2	97.9	89.0	77.9	67.6	57.6	47.9	38.8
-35°	100.5	101.8	103.6	101.0	94.1	84.8	74.2	64.6	55.0	45.7	37.1
-37.5°	101.5	103.3	102.2	98.4	90.2	80.3	70.6	61.3	52.2	43.4	35.4
-40°	103.2	103.6	101.0	93.8	85.4	75.7	66.8	58.0	49.3	40.9	33.6
-42.5°	104.7	102.2	97.1	89.2	80.1	71.3	62.8	54.5	46.4	38.5	31.6
-45°	103.2	99.4	92.1	83.5	74.8	66.8	58.8	50.9	43.3	36.2	29.7
-47.5°	100.6	93.9	86.1	77.6	69.6	62.1	54.6	47.4	40.1	33.8	27.7
-50°	94.6	87.5	79.4	71.8	64.4	57.3	50.4	43.8	37.3	31.4	25.6
-52.5°	87.4	79.9	72.8	65.9	59.1	52.5	46.4	40.2	34.4	28.8	23.4
-55°	79.0	72.6	66.2	60.0	53.8	48.0	42.3	36.7	31.3	26.2	21.1
-57.5°	71.0	65.3	59.7	54.1	48.7	43.5	38.3	33.1	28.2	23.5	19.2
-60°	63.2	58.3	53.3	48.4	43.7	38.9	34.1	29.5	25.1	20.8	17.2
-62.5°	55.8	51.5	47.2	42.9	38.6	34.3	29.9	26.0	22.0	18.6	15.2
-65°	48.6	44.9	41.1	37.5	33.6	29.7	26.0	22.4	19.2	16.2	13.4
-67.5°	41.4	38.5	35.5	32.1	28.8	25.4	22.0	19.2	16.6	13.9	11.9
-70°	35.2	32.5	29.8	27.0	24.0	21.1	18.6	16.2	13.9	12.0	10.3
-72.5°	29.0	26.7	24.3	21.9	19.7	17.5	15.3	13.3	11.8	10.2	8.7
-75°	22.8	21.0	19.3	17.5	15.7	13.8	12.4	10.9	9.6	8.4	7.2
-77.5°	17.3	15.9	14.5	13.3	12.1	10.9	9.7	8.5	7.5	6.6	5.6
-80°	12.2	11.4	10.6	9.7	8.8	7.9	7.1	6.4	5.6	4.9	4.0
-82.5°	7.7	7.3	6.9	6.5	6.0	5.4	4.9	4.3	3.7	3.1	2.7
-85°	4.6	4.3	4.0	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.8
-87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.5	3.4	2.6	1.9	1.3	0.6	0.0
75°	5.9	4.5	3.2	2.3	1.6	0.8	0.0
72.5°	7.2	5.6	4.0	2.7	1.8	0.9	0.0
70°	8.5	6.7	4.9	3.1	2.0	1.0	0.0
67.5°	9.9	7.7	5.7	3.7	2.3	1.1	0.0
65°	11.2	8.8	6.5	4.3	2.5	1.3	0.0
62.5°	12.5	9.9	7.3	4.9	2.8	1.4	0.0
60°	13.8	11.0	8.0	5.5	3.0	1.5	0.0
57.5°	15.4	12.1	8.9	6.0	3.4	1.6	0.0
55°	17.0	13.2	9.8	6.6	3.7	1.7	0.0
52.5°	18.6	14.3	10.7	7.1	4.1	1.8	0.0
50°	20.2	15.5	11.5	7.6	4.4	1.9	0.0
47.5°	21.7	16.8	12.3	8.1	4.8	2.0	0.0
45°	23.4	18.0	13.1	8.7	5.1	2.1	0.0
42.5°	25.0	19.1	13.9	9.2	5.4	2.2	0.0
40°	26.6	20.2	14.7	9.8	5.7	2.3	0.0
37.5°	28.0	21.3	15.5	10.3	6.0	2.4	0.0
35°	29.4	22.3	16.3	10.8	6.3	2.5	0.0
32.5°	30.7	23.4	17.0	11.3	6.5	2.5	0.0
30°	32.0	24.4	17.7	11.7	6.8	2.6	0.0
27.5°	33.2	25.3	18.3	12.1	7.0	2.7	0.0
25°	34.4	26.1	18.8	12.4	7.2	2.7	0.0
22.5°	35.4	26.8	19.3	12.7	7.4	2.8	0.0
20°	36.3	27.5	19.8	13.0	7.6	2.8	0.0
17.5°	37.2	28.0	20.2	13.2	7.8	2.9	0.0
15°	37.9	28.5	20.5	13.4	7.9	2.9	0.0
12.5°	38.5	28.9	20.8	13.6	8.0	2.9	0.0
10°	39.1	29.2	21.0	13.7	8.2	3.0	0.0
7.5°	39.5	29.5	21.1	13.8	8.2	3.0	0.0
5°	39.8	29.6	21.3	13.8	8.3	3.0	0.0
2.5°	39.9	29.7	21.3	13.8	8.4	3.0	0.0
0°	40.0	29.7	21.3	13.8	8.4	3.0	0.0
-2.5°	39.9	29.7	21.3	13.8	8.4	3.0	0.0
-5°	39.8	29.6	21.3	13.8	8.3	3.0	0.0
-7.5°	39.5	29.5	21.1	13.8	8.2	3.0	0.0
-10°	39.1	29.2	21.0	13.7	8.2	3.0	0.0
-12.5°	38.5	28.9	20.8	13.6	8.0	2.9	0.0
-15°	37.9	28.5	20.5	13.4	7.9	2.9	0.0
-17.5°	37.2	28.0	20.2	13.2	7.8	2.9	0.0
-20°	36.3	27.5	19.8	13.0	7.6	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.4	26.8	19.3	12.7	7.4	2.8	0.0
-25°	34.4	26.1	18.8	12.4	7.2	2.7	0.0
-27.5°	33.2	25.3	18.3	12.1	7.0	2.7	0.0
-30°	32.0	24.4	17.7	11.7	6.8	2.6	0.0
-32.5°	30.7	23.4	17.0	11.3	6.5	2.5	0.0
-35°	29.4	22.3	16.3	10.8	6.3	2.5	0.0
-37.5°	28.0	21.3	15.5	10.3	6.0	2.4	0.0
-40°	26.6	20.2	14.7	9.8	5.7	2.3	0.0
-42.5°	25.0	19.1	13.9	9.2	5.4	2.2	0.0
-45°	23.4	18.0	13.1	8.7	5.1	2.1	0.0
-47.5°	21.7	16.8	12.3	8.1	4.8	2.0	0.0
-50°	20.2	15.5	11.5	7.6	4.4	1.9	0.0
-52.5°	18.6	14.3	10.7	7.1	4.1	1.8	0.0
-55°	17.0	13.2	9.8	6.6	3.7	1.7	0.0
-57.5°	15.4	12.1	8.9	6.0	3.4	1.6	0.0
-60°	13.8	11.0	8.0	5.5	3.0	1.5	0.0
-62.5°	12.5	9.9	7.3	4.9	2.8	1.4	0.0
-65°	11.2	8.8	6.5	4.3	2.5	1.3	0.0
-67.5°	9.9	7.7	5.7	3.7	2.3	1.1	0.0
-70°	8.5	6.7	4.9	3.1	2.0	1.0	0.0
-72.5°	7.2	5.6	4.0	2.7	1.8	0.9	0.0
-75°	5.9	4.5	3.2	2.3	1.6	0.8	0.0
-77.5°	4.5	3.4	2.6	1.9	1.3	0.6	0.0
-80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)