

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: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558572 (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-SA1D-935-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

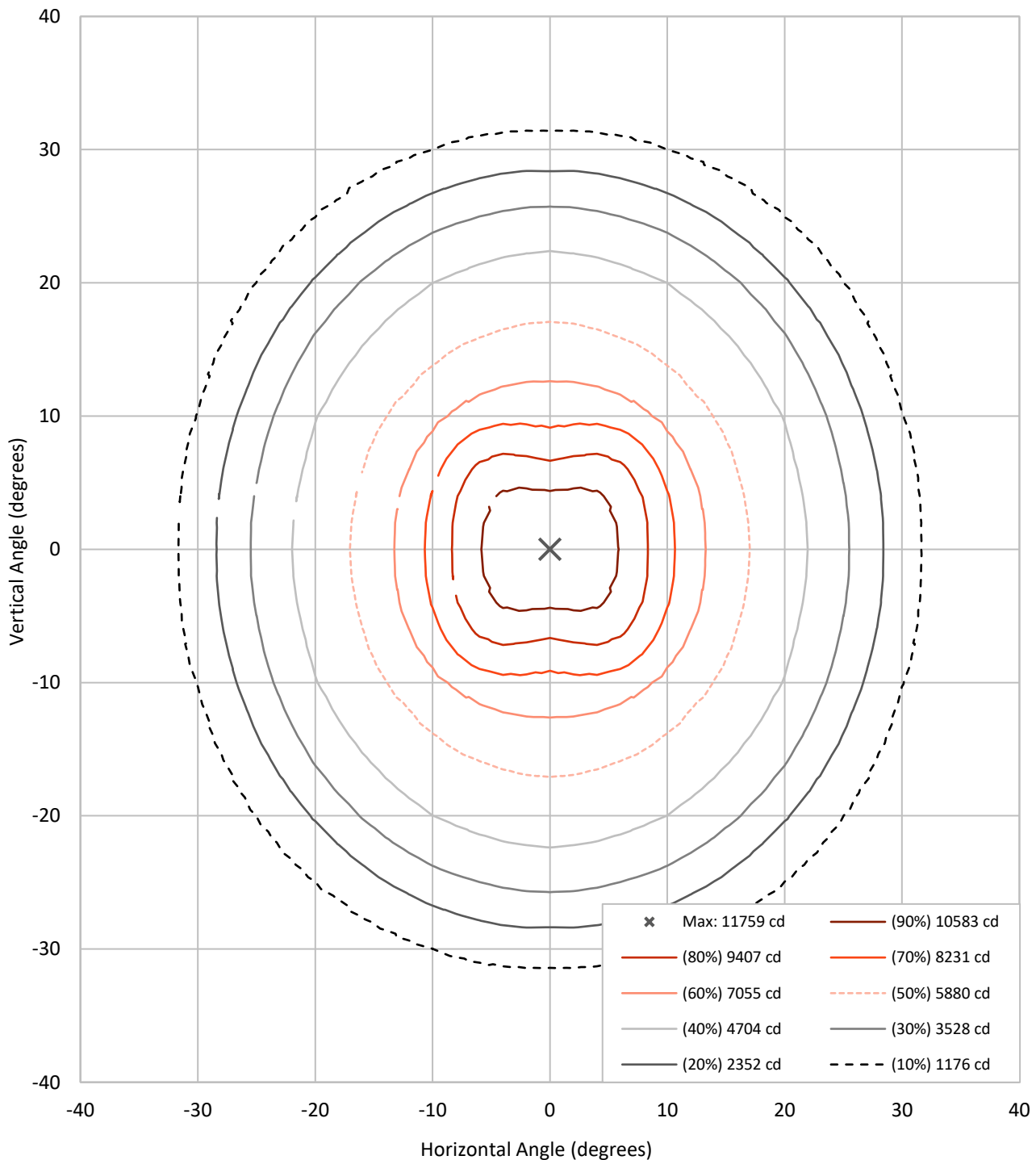
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5201.8 lumens	Max Intensity:	11759 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2215.7 lumens	Field Lumens:	4528.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 55
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





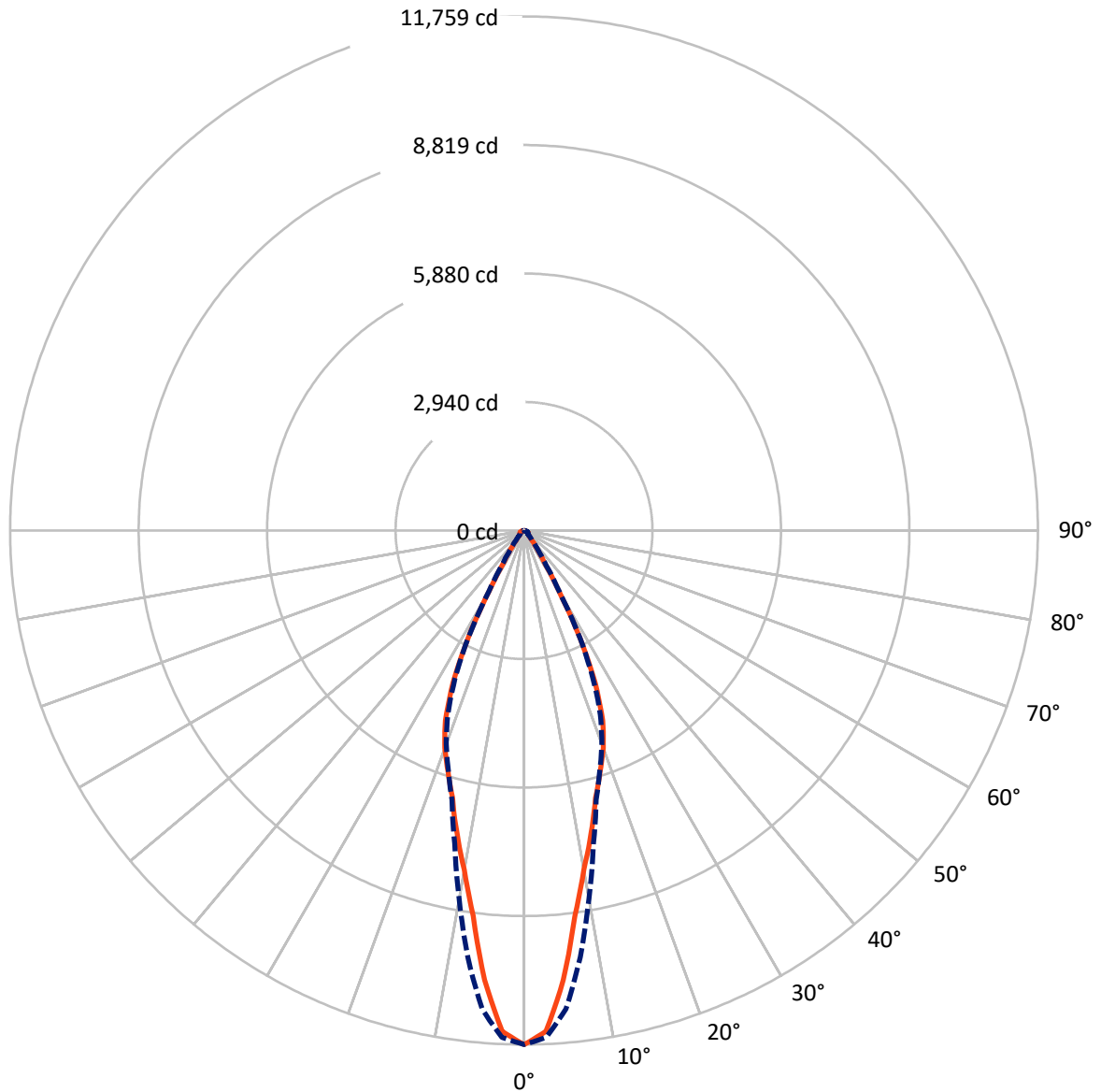
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Lumen Table

90																
80	0.1	0.6		1.6		2.7		3.1		2.7		1.6		0.6		0.1
70																
60	0.3	0.3	0.7	1.1	1.7	2.2	2.5	2.7	2.7	2.5	2.2	1.7	1.1	0.7	0.3	0.3
50		0.5	1.1	1.8	2.5	2.8	3.0	3.1	3.1	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		0.9	1.7	2.2	3.4	6.6	12.6	19.3	19.3	12.6	6.6	3.4	2.2	1.7	0.9	
20	0.7	1.0	1.8	2.5	6.1	20.2	63.7	104.8	104.8	63.7	20.2	6.1	2.5	1.8	1.0	0.7
10		1.1	1.8	3.1	11.4	60.0	141.8	187.8	187.8	141.8	60.0	11.4	3.1	1.8	1.1	
0	0.7	1.1	1.8	3.5	17.3	94.5	184.4	291.0	291.0	184.4	94.5	17.3	3.5	1.8	1.1	0.7
-10		1.1	1.8	3.5	17.3	94.5	184.4	291.0	291.0	184.4	94.5	17.3	3.5	1.8	1.1	
-20	0.7	1.1	1.8	3.1	11.4	60.0	141.8	187.8	187.8	141.8	60.0	11.4	3.1	1.8	1.1	0.7
-30		1.0	1.8	2.5	6.1	20.2	63.7	104.8	104.8	63.7	20.2	6.1	2.5	1.8	1.0	
-40	0.5	0.9	1.7	2.2	3.4	6.6	12.6	19.3	19.3	12.6	6.6	3.4	2.2	1.7	0.9	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	3.1	3.1	3.0	2.8	2.5	1.8	1.1	0.5	0.3
-70		0.3	0.7	1.1	1.7	2.2	2.5	2.7	2.7	2.5	2.2	1.7	1.1	0.7	0.3	
-80																
-90	0.1	0.6		1.6		2.7		3.1		2.7		1.6		0.6		0.1

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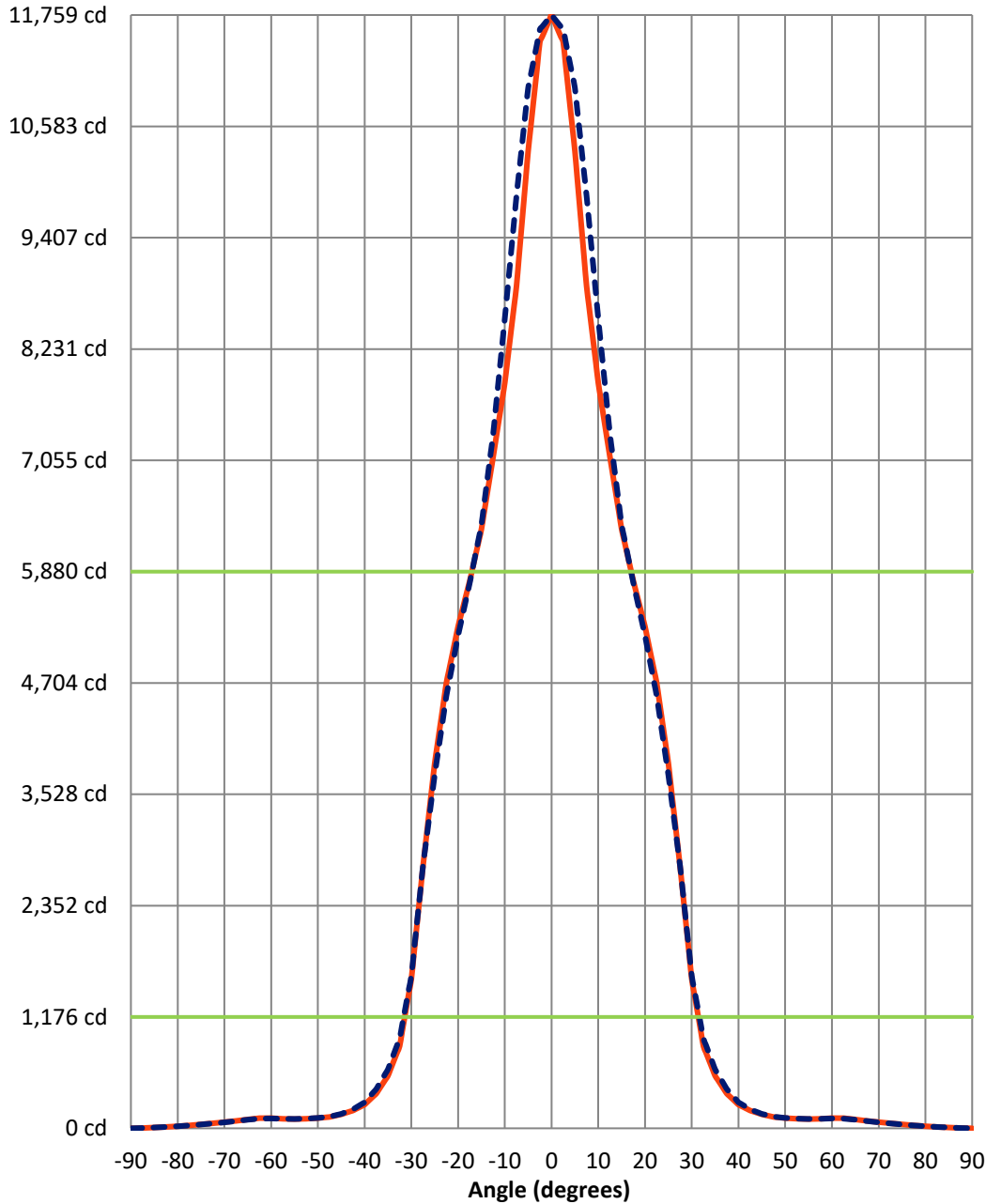
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 2215.7
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 4528.4
Efficiency: 87.1%

Spill:
Lumens: 673.5
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	4.1	4.9	5.7	6.4
77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.6	5.7	6.7	7.6	8.6
75°	0.0	0.8	1.6	2.3	3.2	4.5	5.9	7.2	8.5	9.8	11.1
72.5°	0.0	0.9	1.8	2.7	4.0	5.6	7.3	8.8	10.4	11.9	13.5
70°	0.0	1.0	2.0	3.1	4.9	6.7	8.6	10.4	12.2	14.1	16.4
67.5°	0.0	1.1	2.3	3.7	5.7	7.8	10.0	12.0	14.1	16.7	19.3
65°	0.0	1.3	2.5	4.3	6.6	8.9	11.3	13.6	16.4	19.3	22.5
62.5°	0.0	1.4	2.8	4.9	7.4	10.0	12.6	15.4	18.7	22.1	26.2
60°	0.0	1.5	3.0	5.5	8.1	11.2	13.9	17.4	20.9	25.3	29.8
57.5°	0.0	1.6	3.4	6.1	9.0	12.3	15.6	19.3	23.6	28.5	33.4
55°	0.0	1.7	3.7	6.6	9.9	13.4	17.2	21.2	26.4	31.6	37.1
52.5°	0.0	1.8	4.1	7.2	10.8	14.5	18.8	23.5	29.1	34.7	40.6
50°	0.0	1.9	4.5	7.7	11.6	15.7	20.3	25.8	31.7	37.7	44.2
47.5°	0.0	2.0	4.8	8.2	12.5	17.0	21.8	27.9	34.2	40.5	47.9
45°	0.0	2.1	5.1	8.8	13.3	18.2	23.6	30.0	36.6	43.7	51.4
42.5°	0.0	2.2	5.4	9.4	14.0	19.3	25.3	31.9	38.9	46.8	55.0
40°	0.0	2.3	5.8	9.9	14.9	20.4	26.8	33.9	41.3	49.8	58.5
37.5°	0.0	2.4	6.0	10.5	15.7	21.4	28.3	35.7	43.8	52.7	61.8
35°	0.0	2.5	6.3	11.0	16.5	22.5	29.7	37.5	46.2	55.5	65.1
32.5°	0.0	2.5	6.6	11.4	17.2	23.6	31.0	39.2	48.4	58.1	68.2
30°	0.0	2.6	6.8	11.9	17.9	24.6	32.3	40.8	50.4	60.6	71.1
27.5°	0.0	2.7	7.1	12.2	18.5	25.5	33.6	42.5	52.4	62.8	73.7
25°	0.0	2.7	7.3	12.6	19.0	26.4	34.7	44.0	54.2	65.0	76.2
22.5°	0.0	2.8	7.5	12.9	19.5	27.1	35.8	45.4	55.9	67.0	78.7
20°	0.0	2.8	7.7	13.2	19.9	27.7	36.7	46.7	57.4	68.8	80.9
17.5°	0.0	2.9	7.9	13.4	20.3	28.3	37.6	47.7	58.8	70.4	82.9
15°	0.0	2.9	8.0	13.6	20.6	28.8	38.3	48.7	59.9	71.8	84.6
12.5°	0.0	2.9	8.1	13.7	20.9	29.2	38.9	49.5	60.9	73.0	86.0
10°	0.0	3.0	8.2	13.9	21.1	29.5	39.4	50.2	61.7	74.1	87.2
7.5°	0.0	3.0	8.3	14.0	21.3	29.7	39.9	50.7	62.2	74.9	88.5
5°	0.0	3.0	8.4	14.0	21.4	29.8	40.2	51.1	62.6	75.6	89.5
2.5°	0.0	3.0	8.5	14.0	21.4	29.9	40.3	51.3	62.8	76.1	90.3
0°	0.0	3.0	8.5	14.0	21.4	29.9	40.3	51.3	62.8	76.1	90.3
-2.5°	0.0	3.0	8.5	14.0	21.4	29.9	40.3	51.3	62.8	76.1	90.3
-5°	0.0	3.0	8.4	14.0	21.4	29.8	40.2	51.1	62.6	75.6	89.5
-7.5°	0.0	3.0	8.3	14.0	21.3	29.7	39.9	50.7	62.2	74.9	88.5
-10°	0.0	3.0	8.2	13.9	21.1	29.5	39.4	50.2	61.7	74.1	87.2
-12.5°	0.0	2.9	8.1	13.7	20.9	29.2	38.9	49.5	60.9	73.0	86.0
-15°	0.0	2.9	8.0	13.6	20.6	28.8	38.3	48.7	59.9	71.8	84.6
-17.5°	0.0	2.9	7.9	13.4	20.3	28.3	37.6	47.7	58.8	70.4	82.9
-20°	0.0	2.8	7.7	13.2	19.9	27.7	36.7	46.7	57.4	68.8	80.9



REPORT NUMBER: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-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	7.5	12.9	19.5	27.1	35.8	45.4	55.9	67.0	78.7
-25°	0.0	2.7	7.3	12.6	19.0	26.4	34.7	44.0	54.2	65.0	76.2
-27.5°	0.0	2.7	7.1	12.2	18.5	25.5	33.6	42.5	52.4	62.8	73.7
-30°	0.0	2.6	6.8	11.9	17.9	24.6	32.3	40.8	50.4	60.6	71.1
-32.5°	0.0	2.5	6.6	11.4	17.2	23.6	31.0	39.2	48.4	58.1	68.2
-35°	0.0	2.5	6.3	11.0	16.5	22.5	29.7	37.5	46.2	55.5	65.1
-37.5°	0.0	2.4	6.0	10.5	15.7	21.4	28.3	35.7	43.8	52.7	61.8
-40°	0.0	2.3	5.8	9.9	14.9	20.4	26.8	33.9	41.3	49.8	58.5
-42.5°	0.0	2.2	5.4	9.4	14.0	19.3	25.3	31.9	38.9	46.8	55.0
-45°	0.0	2.1	5.1	8.8	13.3	18.2	23.6	30.0	36.6	43.7	51.4
-47.5°	0.0	2.0	4.8	8.2	12.5	17.0	21.8	27.9	34.2	40.5	47.9
-50°	0.0	1.9	4.5	7.7	11.6	15.7	20.3	25.8	31.7	37.7	44.2
-52.5°	0.0	1.8	4.1	7.2	10.8	14.5	18.8	23.5	29.1	34.7	40.6
-55°	0.0	1.7	3.7	6.6	9.9	13.4	17.2	21.2	26.4	31.6	37.1
-57.5°	0.0	1.6	3.4	6.1	9.0	12.3	15.6	19.3	23.6	28.5	33.4
-60°	0.0	1.5	3.0	5.5	8.1	11.2	13.9	17.4	20.9	25.3	29.8
-62.5°	0.0	1.4	2.8	4.9	7.4	10.0	12.6	15.4	18.7	22.1	26.2
-65°	0.0	1.3	2.5	4.3	6.6	8.9	11.3	13.6	16.4	19.3	22.5
-67.5°	0.0	1.1	2.3	3.7	5.7	7.8	10.0	12.0	14.1	16.7	19.3
-70°	0.0	1.0	2.0	3.1	4.9	6.7	8.6	10.4	12.2	14.1	16.4
-72.5°	0.0	0.9	1.8	2.7	4.0	5.6	7.3	8.8	10.4	11.9	13.5
-75°	0.0	0.8	1.6	2.3	3.2	4.5	5.9	7.2	8.5	9.8	11.1
-77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.6	5.7	6.7	7.6	8.6
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.1	4.9	5.7	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-SA1D-935-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	4.1	4.4	4.6	4.9	5.1	5.4	5.6
82.5°	4.9	5.5	6.0	6.6	7.0	7.4	7.8	8.3	9.0	9.6	10.1
80°	7.2	8.0	8.9	9.9	10.7	11.6	12.4	13.3	14.1	15.0	15.8
77.5°	9.8	11.0	12.3	13.5	14.7	16.1	17.5	18.9	20.1	21.2	22.2
75°	12.5	14.0	15.9	17.7	19.5	21.2	23.0	24.9	26.6	28.2	29.6
72.5°	15.5	17.7	19.9	22.1	24.5	26.9	29.2	31.5	33.5	35.4	37.4
70°	18.8	21.3	24.2	27.2	30.1	32.8	35.5	38.0	40.4	42.9	45.6
67.5°	22.1	25.6	29.0	32.4	35.8	38.9	41.8	45.1	48.3	51.5	54.5
65°	26.2	30.0	34.0	37.8	41.5	45.3	49.0	52.7	56.5	60.1	63.4
62.5°	30.2	34.6	39.0	43.3	47.7	51.9	56.3	60.6	64.8	69.2	73.3
60°	34.4	39.3	44.1	48.9	53.8	58.9	63.7	68.8	74.0	78.9	83.7
57.5°	38.6	43.9	49.2	54.6	60.3	65.9	71.7	77.4	83.3	88.9	93.8
55°	42.7	48.4	54.3	60.5	66.8	73.2	79.7	86.4	92.7	97.4	101.8
52.5°	46.8	53.0	59.7	66.4	73.4	80.7	88.2	94.6	99.9	103.9	104.9
50°	50.9	57.8	64.9	72.4	80.1	88.3	95.5	101.3	104.2	105.4	104.8
47.5°	55.1	62.6	70.2	78.3	86.9	94.8	101.5	104.5	105.9	104.4	102.5
45°	59.3	67.3	75.4	84.3	92.9	100.3	104.1	106.2	104.3	102.5	101.2
42.5°	63.3	72.0	80.8	90.0	98.0	103.2	105.6	104.4	102.7	101.4	101.8
40°	67.4	76.4	86.1	94.7	101.9	104.5	104.1	102.7	101.8	102.4	104.3
37.5°	71.2	81.1	91.0	99.3	103.2	104.2	102.5	101.5	102.2	104.6	109.0
35°	74.9	85.6	95.1	102.0	104.5	102.7	101.5	101.3	103.9	108.7	115.4
32.5°	78.6	89.9	98.8	103.1	103.5	101.6	100.6	102.8	107.0	113.3	124.6
30°	82.3	93.2	101.6	104.1	102.4	100.8	101.4	104.6	110.3	120.9	139.0
27.5°	85.6	96.1	102.4	103.7	101.4	100.1	102.5	107.4	115.8	129.8	155.7
25°	88.6	98.8	103.2	102.7	100.7	100.6	103.9	110.0	121.5	144.1	179.7
22.5°	91.1	101.3	103.9	101.9	100.0	101.4	106.0	114.5	129.9	157.6	204.6
20°	93.1	101.9	103.8	101.1	99.4	102.0	107.9	119.0	141.2	178.8	232.8
17.5°	94.9	102.4	103.1	100.5	99.8	103.1	109.9	122.9	151.2	197.0	259.7
15°	96.6	102.9	102.4	100.0	100.3	104.5	113.2	130.4	163.3	214.1	284.0
12.5°	98.0	103.3	101.8	99.6	100.6	105.6	115.9	137.2	175.1	232.7	322.9
10°	99.1	103.6	101.3	99.3	100.9	106.5	118.2	142.6	184.3	248.5	355.5
7.5°	100.2	103.9	100.8	99.0	101.0	107.2	119.9	146.5	190.8	261.1	380.0
5°	101.0	104.1	100.5	98.9	101.4	107.9	121.1	149.0	194.8	270.3	396.3
2.5°	101.5	104.2	100.4	98.8	101.9	108.9	122.2	151.2	198.3	274.9	407.9
0°	101.8	104.2	100.3	98.8	102.3	109.7	122.7	152.1	200.0	274.8	415.0
-2.5°	101.5	104.2	100.4	98.8	101.9	108.9	122.2	151.2	198.3	274.9	407.9
-5°	101.0	104.1	100.5	98.9	101.4	107.9	121.1	149.0	194.8	270.3	396.3
-7.5°	100.2	103.9	100.8	99.0	101.0	107.2	119.9	146.5	190.8	261.1	380.0
-10°	99.1	103.6	101.3	99.3	100.9	106.5	118.2	142.6	184.3	248.5	355.5
-12.5°	98.0	103.3	101.8	99.6	100.6	105.6	115.9	137.2	175.1	232.7	322.9
-15°	96.6	102.9	102.4	100.0	100.3	104.5	113.2	130.4	163.3	214.1	284.0
-17.5°	94.9	102.4	103.1	100.5	99.8	103.1	109.9	122.9	151.2	197.0	259.7
-20°	93.1	101.9	103.8	101.1	99.4	102.0	107.9	119.0	141.2	178.8	232.8



REPORT NUMBER: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-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°	91.1	101.3	103.9	101.9	100.0	101.4	106.0	114.5	129.9	157.6	204.6
-25°	88.6	98.8	103.2	102.7	100.7	100.6	103.9	110.0	121.5	144.1	179.7
-27.5°	85.6	96.1	102.4	103.7	101.4	100.1	102.5	107.4	115.8	129.8	155.7
-30°	82.3	93.2	101.6	104.1	102.4	100.8	101.4	104.6	110.3	120.9	139.0
-32.5°	78.6	89.9	98.8	103.1	103.5	101.6	100.6	102.8	107.0	113.3	124.6
-35°	74.9	85.6	95.1	102.0	104.5	102.7	101.5	101.3	103.9	108.7	115.4
-37.5°	71.2	81.1	91.0	99.3	103.2	104.2	102.5	101.5	102.2	104.6	109.0
-40°	67.4	76.4	86.1	94.7	101.9	104.5	104.1	102.7	101.8	102.4	104.3
-42.5°	63.3	72.0	80.8	90.0	98.0	103.2	105.6	104.4	102.7	101.4	101.8
-45°	59.3	67.3	75.4	84.3	92.9	100.3	104.1	106.2	104.3	102.5	101.2
-47.5°	55.1	62.6	70.2	78.3	86.9	94.8	101.5	104.5	105.9	104.4	102.5
-50°	50.9	57.8	64.9	72.4	80.1	88.3	95.5	101.3	104.2	105.4	104.8
-52.5°	46.8	53.0	59.7	66.4	73.4	80.7	88.2	94.6	99.9	103.9	104.9
-55°	42.7	48.4	54.3	60.5	66.8	73.2	79.7	86.4	92.7	97.4	101.8
-57.5°	38.6	43.9	49.2	54.6	60.3	65.9	71.7	77.4	83.3	88.9	93.8
-60°	34.4	39.3	44.1	48.9	53.8	58.9	63.7	68.8	74.0	78.9	83.7
-62.5°	30.2	34.6	39.0	43.3	47.7	51.9	56.3	60.6	64.8	69.2	73.3
-65°	26.2	30.0	34.0	37.8	41.5	45.3	49.0	52.7	56.5	60.1	63.4
-67.5°	22.1	25.6	29.0	32.4	35.8	38.9	41.8	45.1	48.3	51.5	54.5
-70°	18.8	21.3	24.2	27.2	30.1	32.8	35.5	38.0	40.4	42.9	45.6
-72.5°	15.5	17.7	19.9	22.1	24.5	26.9	29.2	31.5	33.5	35.4	37.4
-75°	12.5	14.0	15.9	17.7	19.5	21.2	23.0	24.9	26.6	28.2	29.6
-77.5°	9.8	11.0	12.3	13.5	14.7	16.1	17.5	18.9	20.1	21.2	22.2
-80°	7.2	8.0	8.9	9.9	10.7	11.6	12.4	13.3	14.1	15.0	15.8
-82.5°	4.9	5.5	6.0	6.6	7.0	7.4	7.8	8.3	9.0	9.6	10.1
-85°	2.8	3.0	3.4	3.7	4.1	4.4	4.6	4.9	5.1	5.4	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: P558572 (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°	5.9	6.1	6.4	6.7	7.0	7.2	7.3	7.5	7.6	7.7	7.8
82.5°	10.7	11.3	11.8	12.2	12.7	13.0	13.3	13.6	13.8	14.0	14.2
80°	16.6	17.4	18.0	18.6	19.1	19.6	19.9	20.2	20.5	20.9	21.4
77.5°	23.2	24.3	25.2	26.1	26.9	27.7	28.4	29.1	29.7	30.1	30.4
75°	31.0	32.3	33.6	34.8	35.9	37.1	38.2	39.2	40.1	40.7	41.1
72.5°	39.3	41.0	42.6	44.2	45.6	46.9	48.3	49.6	50.7	51.5	52.2
70°	48.2	50.4	52.3	54.1	55.8	57.5	59.2	60.7	61.9	63.0	63.8
67.5°	57.3	59.9	62.3	64.5	66.8	69.0	71.0	73.0	74.7	76.0	76.9
65°	66.7	70.1	73.2	76.0	78.5	81.0	83.5	85.9	88.0	89.8	91.1
62.5°	77.3	81.1	84.7	87.8	90.6	92.9	95.3	97.6	99.5	101.3	103.2
60°	88.2	92.5	95.5	98.2	100.7	102.9	103.7	104.5	105.1	105.7	106.4
57.5°	97.6	101.3	103.9	104.5	105.1	105.5	105.2	104.4	103.5	102.7	102.0
55°	104.2	105.3	106.4	105.5	104.1	102.8	101.6	100.7	100.0	99.3	98.7
52.5°	106.0	105.0	103.8	102.5	101.5	100.4	99.4	99.6	99.9	100.1	100.3
50°	103.5	102.3	101.6	100.9	101.0	101.5	101.9	102.9	104.1	105.0	105.7
47.5°	101.5	100.7	101.7	102.9	104.1	106.2	108.1	110.0	112.9	115.2	117.0
45°	100.9	102.8	104.7	107.8	110.5	115.3	119.7	123.4	130.3	136.6	141.6
42.5°	103.7	107.0	110.5	116.6	123.1	131.4	142.1	151.2	161.8	171.7	178.8
40°	108.4	113.2	121.2	130.9	146.1	159.6	177.4	192.5	206.8	221.9	233.3
37.5°	115.2	124.2	139.1	156.5	179.6	201.7	226.2	249.9	270.1	300.8	324.7
35°	125.3	143.4	164.6	193.7	223.8	257.7	293.5	339.5	380.2	427.7	472.5
32.5°	143.6	168.1	201.3	240.7	280.7	339.2	394.5	469.4	536.6	620.6	710.9
30°	165.0	201.6	246.2	297.6	370.1	450.7	541.5	656.3	792.7	955.2	1173.2
27.5°	194.6	241.5	297.7	381.0	483.8	591.8	752.8	945.8	1297.5	1604.1	2010.4
25°	226.4	283.7	372.5	484.5	619.8	814.2	1129.0	1530.6	2099.6	2643.6	3078.5
22.5°	263.1	346.7	458.9	598.4	817.2	1193.6	1682.4	2389.8	3024.2	3572.8	3995.3
20°	303.7	408.6	559.4	772.4	1145.2	1696.4	2481.2	3207.1	3855.0	4327.3	4700.6
17.5°	356.2	493.4	684.6	978.6	1550.8	2400.2	3209.1	3926.6	4490.4	4905.4	5236.4
15°	405.3	571.3	819.3	1320.8	2101.8	3009.6	3838.7	4478.8	4966.7	5352.9	5650.5
12.5°	463.3	659.0	976.6	1616.4	2608.4	3512.3	4285.8	4883.5	5353.3	5715.3	6114.1
10°	514.9	753.3	1202.1	2010.4	3024.4	3907.4	4658.6	5195.8	5666.9	6138.5	6736.6
7.5°	557.5	832.4	1387.0	2342.8	3343.9	4199.7	4884.1	5420.8	5940.0	6569.9	7432.5
5°	591.4	892.1	1539.2	2593.7	3576.1	4408.3	5056.2	5600.3	6186.7	7029.5	8187.0
2.5°	614.0	931.1	1634.3	2745.3	3722.6	4528.0	5183.8	5717.6	6332.5	7286.7	8496.0
0°	623.0	949.2	1610.1	2772.8	3731.5	4566.9	5202.9	5761.5	6374.0	7329.7	8552.8
-2.5°	614.0	931.1	1634.3	2745.3	3722.6	4528.0	5183.8	5717.6	6332.5	7286.7	8496.0
-5°	591.4	892.1	1539.2	2593.7	3576.1	4408.3	5056.2	5600.3	6186.7	7029.5	8187.0
-7.5°	557.5	832.4	1387.0	2342.8	3343.9	4199.7	4884.1	5420.8	5940.0	6569.9	7432.5
-10°	514.9	753.3	1202.1	2010.4	3024.4	3907.4	4658.6	5195.8	5666.9	6138.5	6736.6
-12.5°	463.3	659.0	976.6	1616.4	2608.4	3512.3	4285.8	4883.5	5353.3	5715.3	6114.1
-15°	405.3	571.3	819.3	1320.8	2101.8	3009.6	3838.7	4478.8	4966.7	5352.9	5650.5
-17.5°	356.2	493.4	684.6	978.6	1550.8	2400.2	3209.1	3926.6	4490.4	4905.4	5236.4
-20°	303.7	408.6	559.4	772.4	1145.2	1696.4	2481.2	3207.1	3855.0	4327.3	4700.6



REPORT NUMBER: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	263.1	346.7	458.9	598.4	817.2	1193.6	1682.4	2389.8	3024.2	3572.8	3995.3
-25°	226.4	283.7	372.5	484.5	619.8	814.2	1129.0	1530.6	2099.6	2643.6	3078.5
-27.5°	194.6	241.5	297.7	381.0	483.8	591.8	752.8	945.8	1297.5	1604.1	2010.4
-30°	165.0	201.6	246.2	297.6	370.1	450.7	541.5	656.3	792.7	955.2	1173.2
-32.5°	143.6	168.1	201.3	240.7	280.7	339.2	394.5	469.4	536.6	620.6	710.9
-35°	125.3	143.4	164.6	193.7	223.8	257.7	293.5	339.5	380.2	427.7	472.5
-37.5°	115.2	124.2	139.1	156.5	179.6	201.7	226.2	249.9	270.1	300.8	324.7
-40°	108.4	113.2	121.2	130.9	146.1	159.6	177.4	192.5	206.8	221.9	233.3
-42.5°	103.7	107.0	110.5	116.6	123.1	131.4	142.1	151.2	161.8	171.7	178.8
-45°	100.9	102.8	104.7	107.8	110.5	115.3	119.7	123.4	130.3	136.6	141.6
-47.5°	101.5	100.7	101.7	102.9	104.1	106.2	108.1	110.0	112.9	115.2	117.0
-50°	103.5	102.3	101.6	100.9	101.0	101.5	101.9	102.9	104.1	105.0	105.7
-52.5°	106.0	105.0	103.8	102.5	101.5	100.4	99.4	99.6	99.9	100.1	100.3
-55°	104.2	105.3	106.4	105.5	104.1	102.8	101.6	100.7	100.0	99.3	98.7
-57.5°	97.6	101.3	103.9	104.5	105.1	105.5	105.2	104.4	103.5	102.7	102.0
-60°	88.2	92.5	95.5	98.2	100.7	102.9	103.7	104.5	105.1	105.7	106.4
-62.5°	77.3	81.1	84.7	87.8	90.6	92.9	95.3	97.6	99.5	101.3	103.2
-65°	66.7	70.1	73.2	76.0	78.5	81.0	83.5	85.9	88.0	89.8	91.1
-67.5°	57.3	59.9	62.3	64.5	66.8	69.0	71.0	73.0	74.7	76.0	76.9
-70°	48.2	50.4	52.3	54.1	55.8	57.5	59.2	60.7	61.9	63.0	63.8
-72.5°	39.3	41.0	42.6	44.2	45.6	46.9	48.3	49.6	50.7	51.5	52.2
-75°	31.0	32.3	33.6	34.8	35.9	37.1	38.2	39.2	40.1	40.7	41.1
-77.5°	23.2	24.3	25.2	26.1	26.9	27.7	28.4	29.1	29.7	30.1	30.4
-80°	16.6	17.4	18.0	18.6	19.1	19.6	19.9	20.2	20.5	20.9	21.4
-82.5°	10.7	11.3	11.8	12.2	12.7	13.0	13.3	13.6	13.8	14.0	14.2
-85°	5.9	6.1	6.4	6.7	7.0	7.2	7.3	7.5	7.6	7.7	7.8
-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: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.4	2.4
85°	7.9	8.0	8.2	8.5	8.2	8.0	7.9	7.8	7.7	7.6	7.5
82.5°	14.3	14.4	14.5	14.5	14.5	14.4	14.3	14.2	14.0	13.8	13.6
80°	21.9	22.3	22.1	21.9	22.1	22.3	21.9	21.4	20.9	20.5	20.2
77.5°	30.6	30.7	30.6	30.4	30.6	30.7	30.6	30.4	30.1	29.7	29.1
75°	41.5	41.7	41.8	41.9	41.8	41.7	41.5	41.1	40.7	40.1	39.2
72.5°	52.7	53.1	53.1	52.9	53.1	53.1	52.7	52.2	51.5	50.7	49.6
70°	64.5	64.9	65.2	65.3	65.2	64.9	64.5	63.8	63.0	61.9	60.7
67.5°	77.5	77.9	78.2	78.3	78.2	77.9	77.5	76.9	76.0	74.7	73.0
65°	92.3	93.1	93.4	93.3	93.4	93.1	92.3	91.1	89.8	88.0	85.9
62.5°	104.9	106.4	107.0	107.2	107.0	106.4	104.9	103.2	101.3	99.5	97.6
60°	107.0	107.6	107.7	107.7	107.7	107.6	107.0	106.4	105.7	105.1	104.5
57.5°	101.3	100.7	100.4	100.3	100.4	100.7	101.3	102.0	102.7	103.5	104.4
55°	98.1	97.6	97.3	97.3	97.3	97.6	98.1	98.7	99.3	100.0	100.7
52.5°	100.3	100.2	100.4	100.8	100.4	100.2	100.3	100.3	100.1	99.9	99.6
50°	106.3	106.8	107.2	107.7	107.2	106.8	106.3	105.7	105.0	104.1	102.9
47.5°	118.3	119.0	119.5	119.7	119.5	119.0	118.3	117.0	115.2	112.9	110.0
45°	144.8	146.5	147.3	147.6	147.3	146.5	144.8	141.6	136.6	130.3	123.4
42.5°	183.6	186.2	187.3	187.5	187.3	186.2	183.6	178.8	171.7	161.8	151.2
40°	241.4	246.1	248.3	249.9	248.3	246.1	241.4	233.3	221.9	206.8	192.5
37.5°	342.7	354.3	360.9	366.6	360.9	354.3	342.7	324.7	300.8	270.1	249.9
35°	508.8	535.5	551.2	554.7	551.2	535.5	508.8	472.5	427.7	380.2	339.5
32.5°	780.4	832.7	864.0	867.9	864.0	832.7	780.4	710.9	620.6	536.6	469.4
30°	1342.5	1489.1	1589.5	1575.7	1589.5	1489.1	1342.5	1173.2	955.2	792.7	656.3
27.5°	2343.2	2609.0	2781.6	2767.3	2781.6	2609.0	2343.2	2010.4	1604.1	1297.5	945.8
25°	3412.8	3657.5	3801.9	3855.2	3801.9	3657.5	3412.8	3078.5	2643.6	2099.6	1530.6
22.5°	4286.2	4505.0	4629.9	4704.6	4629.9	4505.0	4286.2	3995.3	3572.8	3024.2	2389.8
20°	4955.4	5145.1	5252.5	5298.7	5252.5	5145.1	4955.4	4700.6	4327.3	3855.0	3207.1
17.5°	5470.2	5629.0	5750.6	5782.0	5750.6	5629.0	5470.2	5236.4	4905.4	4490.4	3926.6
15°	5925.6	6130.7	6274.1	6327.7	6274.1	6130.7	5925.6	5650.5	5352.9	4966.7	4478.8
12.5°	6499.8	6856.5	7046.1	7089.8	7046.1	6856.5	6499.8	6114.1	5715.3	5353.3	4883.5
10°	7348.7	7896.8	7959.0	7873.9	7959.0	7896.8	7348.7	6736.6	6138.5	5666.9	5195.8
7.5°	8584.8	9315.8	9157.7	8894.5	9157.7	9315.8	8584.8	7432.5	6569.9	5940.0	5420.8
5°	9469.4	10484.2	10515.8	10322.5	10515.8	10484.2	9469.4	8187.0	7029.5	6186.7	5600.3
2.5°	9821.5	10866.2	11386.2	11471.5	11386.2	10866.2	9821.5	8496.0	7286.7	6332.5	5717.6
0°	9847.9	10989.4	11605.8	11759.0	11605.8	10989.4	9847.9	8552.8	7329.7	6374.0	5761.5
-2.5°	9821.5	10866.2	11386.2	11471.5	11386.2	10866.2	9821.5	8496.0	7286.7	6332.5	5717.6
-5°	9469.4	10484.2	10515.8	10322.5	10515.8	10484.2	9469.4	8187.0	7029.5	6186.7	5600.3
-7.5°	8584.8	9315.8	9157.7	8894.5	9157.7	9315.8	8584.8	7432.5	6569.9	5940.0	5420.8
-10°	7348.7	7896.8	7959.0	7873.9	7959.0	7896.8	7348.7	6736.6	6138.5	5666.9	5195.8
-12.5°	6499.8	6856.5	7046.1	7089.8	7046.1	6856.5	6499.8	6114.1	5715.3	5353.3	4883.5
-15°	5925.6	6130.7	6274.1	6327.7	6274.1	6130.7	5925.6	5650.5	5352.9	4966.7	4478.8
-17.5°	5470.2	5629.0	5750.6	5782.0	5750.6	5629.0	5470.2	5236.4	4905.4	4490.4	3926.6
-20°	4955.4	5145.1	5252.5	5298.7	5252.5	5145.1	4955.4	4700.6	4327.3	3855.0	3207.1



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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°	4286.2	4505.0	4629.9	4704.6	4629.9	4505.0	4286.2	3995.3	3572.8	3024.2	2389.8
-25°	3412.8	3657.5	3801.9	3855.2	3801.9	3657.5	3412.8	3078.5	2643.6	2099.6	1530.6
-27.5°	2343.2	2609.0	2781.6	2767.3	2781.6	2609.0	2343.2	2010.4	1604.1	1297.5	945.8
-30°	1342.5	1489.1	1589.5	1575.7	1589.5	1489.1	1342.5	1173.2	955.2	792.7	656.3
-32.5°	780.4	832.7	864.0	867.9	864.0	832.7	780.4	710.9	620.6	536.6	469.4
-35°	508.8	535.5	551.2	554.7	551.2	535.5	508.8	472.5	427.7	380.2	339.5
-37.5°	342.7	354.3	360.9	366.6	360.9	354.3	342.7	324.7	300.8	270.1	249.9
-40°	241.4	246.1	248.3	249.9	248.3	246.1	241.4	233.3	221.9	206.8	192.5
-42.5°	183.6	186.2	187.3	187.5	187.3	186.2	183.6	178.8	171.7	161.8	151.2
-45°	144.8	146.5	147.3	147.6	147.3	146.5	144.8	141.6	136.6	130.3	123.4
-47.5°	118.3	119.0	119.5	119.7	119.5	119.0	118.3	117.0	115.2	112.9	110.0
-50°	106.3	106.8	107.2	107.7	107.2	106.8	106.3	105.7	105.0	104.1	102.9
-52.5°	100.3	100.2	100.4	100.8	100.4	100.2	100.3	100.3	100.1	99.9	99.6
-55°	98.1	97.6	97.3	97.3	97.3	97.6	98.1	98.7	99.3	100.0	100.7
-57.5°	101.3	100.7	100.4	100.3	100.4	100.7	101.3	102.0	102.7	103.5	104.4
-60°	107.0	107.6	107.7	107.7	107.7	107.6	107.0	106.4	105.7	105.1	104.5
-62.5°	104.9	106.4	107.0	107.2	107.0	106.4	104.9	103.2	101.3	99.5	97.6
-65°	92.3	93.1	93.4	93.3	93.4	93.1	92.3	91.1	89.8	88.0	85.9
-67.5°	77.5	77.9	78.2	78.3	78.2	77.9	77.5	76.9	76.0	74.7	73.0
-70°	64.5	64.9	65.2	65.3	65.2	64.9	64.5	63.8	63.0	61.9	60.7
-72.5°	52.7	53.1	53.1	52.9	53.1	53.1	52.7	52.2	51.5	50.7	49.6
-75°	41.5	41.7	41.8	41.9	41.8	41.7	41.5	41.1	40.7	40.1	39.2
-77.5°	30.6	30.7	30.6	30.4	30.6	30.7	30.6	30.4	30.1	29.7	29.1
-80°	21.9	22.3	22.1	21.9	22.1	22.3	21.9	21.4	20.9	20.5	20.2
-82.5°	14.3	14.4	14.5	14.5	14.5	14.4	14.3	14.2	14.0	13.8	13.6
-85°	7.9	8.0	8.2	8.5	8.2	8.0	7.9	7.8	7.7	7.6	7.5
-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



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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°	7.3	7.2	7.0	6.7	6.4	6.1	5.9	5.6	5.4	5.1	4.9
82.5°	13.3	13.0	12.7	12.2	11.8	11.3	10.7	10.1	9.6	9.0	8.3
80°	19.9	19.6	19.1	18.6	18.0	17.4	16.6	15.8	15.0	14.1	13.3
77.5°	28.4	27.7	26.9	26.1	25.2	24.3	23.2	22.2	21.2	20.1	18.9
75°	38.2	37.1	35.9	34.8	33.6	32.3	31.0	29.6	28.2	26.6	24.9
72.5°	48.3	46.9	45.6	44.2	42.6	41.0	39.3	37.4	35.4	33.5	31.5
70°	59.2	57.5	55.8	54.1	52.3	50.4	48.2	45.6	42.9	40.4	38.0
67.5°	71.0	69.0	66.8	64.5	62.3	59.9	57.3	54.5	51.5	48.3	45.1
65°	83.5	81.0	78.5	76.0	73.2	70.1	66.7	63.4	60.1	56.5	52.7
62.5°	95.3	92.9	90.6	87.8	84.7	81.1	77.3	73.3	69.2	64.8	60.6
60°	103.7	102.9	100.7	98.2	95.5	92.5	88.2	83.7	78.9	74.0	68.8
57.5°	105.2	105.5	105.1	104.5	103.9	101.3	97.6	93.8	88.9	83.3	77.4
55°	101.6	102.8	104.1	105.5	106.4	105.3	104.2	101.8	97.4	92.7	86.4
52.5°	99.4	100.4	101.5	102.5	103.8	105.0	106.0	104.9	103.9	99.9	94.6
50°	101.9	101.5	101.0	100.9	101.6	102.3	103.5	104.8	105.4	104.2	101.3
47.5°	108.1	106.2	104.1	102.9	101.7	100.7	101.5	102.5	104.4	105.9	104.5
45°	119.7	115.3	110.5	107.8	104.7	102.8	100.9	101.2	102.5	104.3	106.2
42.5°	142.1	131.4	123.1	116.6	110.5	107.0	103.7	101.8	101.4	102.7	104.4
40°	177.4	159.6	146.1	130.9	121.2	113.2	108.4	104.3	102.4	101.8	102.7
37.5°	226.2	201.7	179.6	156.5	139.1	124.2	115.2	109.0	104.6	102.2	101.5
35°	293.5	257.7	223.8	193.7	164.6	143.4	125.3	115.4	108.7	103.9	101.3
32.5°	394.5	339.2	280.7	240.7	201.3	168.1	143.6	124.6	113.3	107.0	102.8
30°	541.5	450.7	370.1	297.6	246.2	201.6	165.0	139.0	120.9	110.3	104.6
27.5°	752.8	591.8	483.8	381.0	297.7	241.5	194.6	155.7	129.8	115.8	107.4
25°	1129.0	814.2	619.8	484.5	372.5	283.7	226.4	179.7	144.1	121.5	110.0
22.5°	1682.4	1193.6	817.2	598.4	458.9	346.7	263.1	204.6	157.6	129.9	114.5
20°	2481.2	1696.4	1145.2	772.4	559.4	408.6	303.7	232.8	178.8	141.2	119.0
17.5°	3209.1	2400.2	1550.8	978.6	684.6	493.4	356.2	259.7	197.0	151.2	122.9
15°	3838.7	3009.6	2101.8	1320.8	819.3	571.3	405.3	284.0	214.1	163.3	130.4
12.5°	4285.8	3512.3	2608.4	1616.4	976.6	659.0	463.3	322.9	232.7	175.1	137.2
10°	4658.6	3907.4	3024.4	2010.4	1202.1	753.3	514.9	355.5	248.5	184.3	142.6
7.5°	4884.1	4199.7	3343.9	2342.8	1387.0	832.4	557.5	380.0	261.1	190.8	146.5
5°	5056.2	4408.3	3576.1	2593.7	1539.2	892.1	591.4	396.3	270.3	194.8	149.0
2.5°	5183.8	4528.0	3722.6	2745.3	1634.3	931.1	614.0	407.9	274.9	198.3	151.2
0°	5202.9	4566.9	3731.5	2772.8	1610.1	949.2	623.0	415.0	274.8	200.0	152.1
-2.5°	5183.8	4528.0	3722.6	2745.3	1634.3	931.1	614.0	407.9	274.9	198.3	151.2
-5°	5056.2	4408.3	3576.1	2593.7	1539.2	892.1	591.4	396.3	270.3	194.8	149.0
-7.5°	4884.1	4199.7	3343.9	2342.8	1387.0	832.4	557.5	380.0	261.1	190.8	146.5
-10°	4658.6	3907.4	3024.4	2010.4	1202.1	753.3	514.9	355.5	248.5	184.3	142.6
-12.5°	4285.8	3512.3	2608.4	1616.4	976.6	659.0	463.3	322.9	232.7	175.1	137.2
-15°	3838.7	3009.6	2101.8	1320.8	819.3	571.3	405.3	284.0	214.1	163.3	130.4
-17.5°	3209.1	2400.2	1550.8	978.6	684.6	493.4	356.2	259.7	197.0	151.2	122.9
-20°	2481.2	1696.4	1145.2	772.4	559.4	408.6	303.7	232.8	178.8	141.2	119.0



REPORT NUMBER: P558572 (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°	1682.4	1193.6	817.2	598.4	458.9	346.7	263.1	204.6	157.6	129.9	114.5
-25°	1129.0	814.2	619.8	484.5	372.5	283.7	226.4	179.7	144.1	121.5	110.0
-27.5°	752.8	591.8	483.8	381.0	297.7	241.5	194.6	155.7	129.8	115.8	107.4
-30°	541.5	450.7	370.1	297.6	246.2	201.6	165.0	139.0	120.9	110.3	104.6
-32.5°	394.5	339.2	280.7	240.7	201.3	168.1	143.6	124.6	113.3	107.0	102.8
-35°	293.5	257.7	223.8	193.7	164.6	143.4	125.3	115.4	108.7	103.9	101.3
-37.5°	226.2	201.7	179.6	156.5	139.1	124.2	115.2	109.0	104.6	102.2	101.5
-40°	177.4	159.6	146.1	130.9	121.2	113.2	108.4	104.3	102.4	101.8	102.7
-42.5°	142.1	131.4	123.1	116.6	110.5	107.0	103.7	101.8	101.4	102.7	104.4
-45°	119.7	115.3	110.5	107.8	104.7	102.8	100.9	101.2	102.5	104.3	106.2
-47.5°	108.1	106.2	104.1	102.9	101.7	100.7	101.5	102.5	104.4	105.9	104.5
-50°	101.9	101.5	101.0	100.9	101.6	102.3	103.5	104.8	105.4	104.2	101.3
-52.5°	99.4	100.4	101.5	102.5	103.8	105.0	106.0	104.9	103.9	99.9	94.6
-55°	101.6	102.8	104.1	105.5	106.4	105.3	104.2	101.8	97.4	92.7	86.4
-57.5°	105.2	105.5	105.1	104.5	103.9	101.3	97.6	93.8	88.9	83.3	77.4
-60°	103.7	102.9	100.7	98.2	95.5	92.5	88.2	83.7	78.9	74.0	68.8
-62.5°	95.3	92.9	90.6	87.8	84.7	81.1	77.3	73.3	69.2	64.8	60.6
-65°	83.5	81.0	78.5	76.0	73.2	70.1	66.7	63.4	60.1	56.5	52.7
-67.5°	71.0	69.0	66.8	64.5	62.3	59.9	57.3	54.5	51.5	48.3	45.1
-70°	59.2	57.5	55.8	54.1	52.3	50.4	48.2	45.6	42.9	40.4	38.0
-72.5°	48.3	46.9	45.6	44.2	42.6	41.0	39.3	37.4	35.4	33.5	31.5
-75°	38.2	37.1	35.9	34.8	33.6	32.3	31.0	29.6	28.2	26.6	24.9
-77.5°	28.4	27.7	26.9	26.1	25.2	24.3	23.2	22.2	21.2	20.1	18.9
-80°	19.9	19.6	19.1	18.6	18.0	17.4	16.6	15.8	15.0	14.1	13.3
-82.5°	13.3	13.0	12.7	12.2	11.8	11.3	10.7	10.1	9.6	9.0	8.3
-85°	7.3	7.2	7.0	6.7	6.4	6.1	5.9	5.6	5.4	5.1	4.9
-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: P558572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-MR-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°	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	4.4	4.1	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	7.8	7.4	7.0	6.6	6.0	5.5	4.9	4.3	3.7	3.1	2.7
80°	12.4	11.6	10.7	9.9	8.9	8.0	7.2	6.4	5.7	4.9	4.1
77.5°	17.5	16.1	14.7	13.5	12.3	11.0	9.8	8.6	7.6	6.7	5.7
75°	23.0	21.2	19.5	17.7	15.9	14.0	12.5	11.1	9.8	8.5	7.2
72.5°	29.2	26.9	24.5	22.1	19.9	17.7	15.5	13.5	11.9	10.4	8.8
70°	35.5	32.8	30.1	27.2	24.2	21.3	18.8	16.4	14.1	12.2	10.4
67.5°	41.8	38.9	35.8	32.4	29.0	25.6	22.1	19.3	16.7	14.1	12.0
65°	49.0	45.3	41.5	37.8	34.0	30.0	26.2	22.5	19.3	16.4	13.6
62.5°	56.3	51.9	47.7	43.3	39.0	34.6	30.2	26.2	22.1	18.7	15.4
60°	63.7	58.9	53.8	48.9	44.1	39.3	34.4	29.8	25.3	20.9	17.4
57.5°	71.7	65.9	60.3	54.6	49.2	43.9	38.6	33.4	28.5	23.6	19.3
55°	79.7	73.2	66.8	60.5	54.3	48.4	42.7	37.1	31.6	26.4	21.2
52.5°	88.2	80.7	73.4	66.4	59.7	53.0	46.8	40.6	34.7	29.1	23.5
50°	95.5	88.3	80.1	72.4	64.9	57.8	50.9	44.2	37.7	31.7	25.8
47.5°	101.5	94.8	86.9	78.3	70.2	62.6	55.1	47.9	40.5	34.2	27.9
45°	104.1	100.3	92.9	84.3	75.4	67.3	59.3	51.4	43.7	36.6	30.0
42.5°	105.6	103.2	98.0	90.0	80.8	72.0	63.3	55.0	46.8	38.9	31.9
40°	104.1	104.5	101.9	94.7	86.1	76.4	67.4	58.5	49.8	41.3	33.9
37.5°	102.5	104.2	103.2	99.3	91.0	81.1	71.2	61.8	52.7	43.8	35.7
35°	101.5	102.7	104.5	102.0	95.1	85.6	74.9	65.1	55.5	46.2	37.5
32.5°	100.6	101.6	103.5	103.1	98.8	89.9	78.6	68.2	58.1	48.4	39.2
30°	101.4	100.8	102.4	104.1	101.6	93.2	82.3	71.1	60.6	50.4	40.8
27.5°	102.5	100.1	101.4	103.7	102.4	96.1	85.6	73.7	62.8	52.4	42.5
25°	103.9	100.6	100.7	102.7	103.2	98.8	88.6	76.2	65.0	54.2	44.0
22.5°	106.0	101.4	100.0	101.9	103.9	101.3	91.1	78.7	67.0	55.9	45.4
20°	107.9	102.0	99.4	101.1	103.8	101.9	93.1	80.9	68.8	57.4	46.7
17.5°	109.9	103.1	99.8	100.5	103.1	102.4	94.9	82.9	70.4	58.8	47.7
15°	113.2	104.5	100.3	100.0	102.4	102.9	96.6	84.6	71.8	59.9	48.7
12.5°	115.9	105.6	100.6	99.6	101.8	103.3	98.0	86.0	73.0	60.9	49.5
10°	118.2	106.5	100.9	99.3	101.3	103.6	99.1	87.2	74.1	61.7	50.2
7.5°	119.9	107.2	101.0	99.0	100.8	103.9	100.2	88.5	74.9	62.2	50.7
5°	121.1	107.9	101.4	98.9	100.5	104.1	101.0	89.5	75.6	62.6	51.1
2.5°	122.2	108.9	101.9	98.8	100.4	104.2	101.5	90.3	76.1	62.8	51.3
0°	122.7	109.7	102.3	98.8	100.3	104.2	101.8	90.8	76.3	62.8	51.4
-2.5°	122.2	108.9	101.9	98.8	100.4	104.2	101.5	90.3	76.1	62.8	51.3
-5°	121.1	107.9	101.4	98.9	100.5	104.1	101.0	89.5	75.6	62.6	51.1
-7.5°	119.9	107.2	101.0	99.0	100.8	103.9	100.2	88.5	74.9	62.2	50.7
-10°	118.2	106.5	100.9	99.3	101.3	103.6	99.1	87.2	74.1	61.7	50.2
-12.5°	115.9	105.6	100.6	99.6	101.8	103.3	98.0	86.0	73.0	60.9	49.5
-15°	113.2	104.5	100.3	100.0	102.4	102.9	96.6	84.6	71.8	59.9	48.7
-17.5°	109.9	103.1	99.8	100.5	103.1	102.4	94.9	82.9	70.4	58.8	47.7
-20°	107.9	102.0	99.4	101.1	103.8	101.9	93.1	80.9	68.8	57.4	46.7



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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°	106.0	101.4	100.0	101.9	103.9	101.3	91.1	78.7	67.0	55.9	45.4
-25°	103.9	100.6	100.7	102.7	103.2	98.8	88.6	76.2	65.0	54.2	44.0
-27.5°	102.5	100.1	101.4	103.7	102.4	96.1	85.6	73.7	62.8	52.4	42.5
-30°	101.4	100.8	102.4	104.1	101.6	93.2	82.3	71.1	60.6	50.4	40.8
-32.5°	100.6	101.6	103.5	103.1	98.8	89.9	78.6	68.2	58.1	48.4	39.2
-35°	101.5	102.7	104.5	102.0	95.1	85.6	74.9	65.1	55.5	46.2	37.5
-37.5°	102.5	104.2	103.2	99.3	91.0	81.1	71.2	61.8	52.7	43.8	35.7
-40°	104.1	104.5	101.9	94.7	86.1	76.4	67.4	58.5	49.8	41.3	33.9
-42.5°	105.6	103.2	98.0	90.0	80.8	72.0	63.3	55.0	46.8	38.9	31.9
-45°	104.1	100.3	92.9	84.3	75.4	67.3	59.3	51.4	43.7	36.6	30.0
-47.5°	101.5	94.8	86.9	78.3	70.2	62.6	55.1	47.9	40.5	34.2	27.9
-50°	95.5	88.3	80.1	72.4	64.9	57.8	50.9	44.2	37.7	31.7	25.8
-52.5°	88.2	80.7	73.4	66.4	59.7	53.0	46.8	40.6	34.7	29.1	23.5
-55°	79.7	73.2	66.8	60.5	54.3	48.4	42.7	37.1	31.6	26.4	21.2
-57.5°	71.7	65.9	60.3	54.6	49.2	43.9	38.6	33.4	28.5	23.6	19.3
-60°	63.7	58.9	53.8	48.9	44.1	39.3	34.4	29.8	25.3	20.9	17.4
-62.5°	56.3	51.9	47.7	43.3	39.0	34.6	30.2	26.2	22.1	18.7	15.4
-65°	49.0	45.3	41.5	37.8	34.0	30.0	26.2	22.5	19.3	16.4	13.6
-67.5°	41.8	38.9	35.8	32.4	29.0	25.6	22.1	19.3	16.7	14.1	12.0
-70°	35.5	32.8	30.1	27.2	24.2	21.3	18.8	16.4	14.1	12.2	10.4
-72.5°	29.2	26.9	24.5	22.1	19.9	17.7	15.5	13.5	11.9	10.4	8.8
-75°	23.0	21.2	19.5	17.7	15.9	14.0	12.5	11.1	9.8	8.5	7.2
-77.5°	17.5	16.1	14.7	13.5	12.3	11.0	9.8	8.6	7.6	6.7	5.7
-80°	12.4	11.6	10.7	9.9	8.9	8.0	7.2	6.4	5.7	4.9	4.1
-82.5°	7.8	7.4	7.0	6.6	6.0	5.5	4.9	4.3	3.7	3.1	2.7
-85°	4.6	4.4	4.1	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°	4.6	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°	7.3	5.6	4.0	2.7	1.8	0.9	0.0
70°	8.6	6.7	4.9	3.1	2.0	1.0	0.0
67.5°	10.0	7.8	5.7	3.7	2.3	1.1	0.0
65°	11.3	8.9	6.6	4.3	2.5	1.3	0.0
62.5°	12.6	10.0	7.4	4.9	2.8	1.4	0.0
60°	13.9	11.2	8.1	5.5	3.0	1.5	0.0
57.5°	15.6	12.3	9.0	6.1	3.4	1.6	0.0
55°	17.2	13.4	9.9	6.6	3.7	1.7	0.0
52.5°	18.8	14.5	10.8	7.2	4.1	1.8	0.0
50°	20.3	15.7	11.6	7.7	4.5	1.9	0.0
47.5°	21.8	17.0	12.5	8.2	4.8	2.0	0.0
45°	23.6	18.2	13.3	8.8	5.1	2.1	0.0
42.5°	25.3	19.3	14.0	9.4	5.4	2.2	0.0
40°	26.8	20.4	14.9	9.9	5.8	2.3	0.0
37.5°	28.3	21.4	15.7	10.5	6.0	2.4	0.0
35°	29.7	22.5	16.5	11.0	6.3	2.5	0.0
32.5°	31.0	23.6	17.2	11.4	6.6	2.5	0.0
30°	32.3	24.6	17.9	11.9	6.8	2.6	0.0
27.5°	33.6	25.5	18.5	12.2	7.1	2.7	0.0
25°	34.7	26.4	19.0	12.6	7.3	2.7	0.0
22.5°	35.8	27.1	19.5	12.9	7.5	2.8	0.0
20°	36.7	27.7	19.9	13.2	7.7	2.8	0.0
17.5°	37.6	28.3	20.3	13.4	7.9	2.9	0.0
15°	38.3	28.8	20.6	13.6	8.0	2.9	0.0
12.5°	38.9	29.2	20.9	13.7	8.1	2.9	0.0
10°	39.4	29.5	21.1	13.9	8.2	3.0	0.0
7.5°	39.9	29.7	21.3	14.0	8.3	3.0	0.0
5°	40.2	29.8	21.4	14.0	8.4	3.0	0.0
2.5°	40.3	29.9	21.4	14.0	8.5	3.0	0.0
0°	40.4	29.9	21.4	14.0	8.5	3.0	0.0
-2.5°	40.3	29.9	21.4	14.0	8.5	3.0	0.0
-5°	40.2	29.8	21.4	14.0	8.4	3.0	0.0
-7.5°	39.9	29.7	21.3	14.0	8.3	3.0	0.0
-10°	39.4	29.5	21.1	13.9	8.2	3.0	0.0
-12.5°	38.9	29.2	20.9	13.7	8.1	2.9	0.0
-15°	38.3	28.8	20.6	13.6	8.0	2.9	0.0
-17.5°	37.6	28.3	20.3	13.4	7.9	2.9	0.0
-20°	36.7	27.7	19.9	13.2	7.7	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.8	27.1	19.5	12.9	7.5	2.8	0.0
-25°	34.7	26.4	19.0	12.6	7.3	2.7	0.0
-27.5°	33.6	25.5	18.5	12.2	7.1	2.7	0.0
-30°	32.3	24.6	17.9	11.9	6.8	2.6	0.0
-32.5°	31.0	23.6	17.2	11.4	6.6	2.5	0.0
-35°	29.7	22.5	16.5	11.0	6.3	2.5	0.0
-37.5°	28.3	21.4	15.7	10.5	6.0	2.4	0.0
-40°	26.8	20.4	14.9	9.9	5.8	2.3	0.0
-42.5°	25.3	19.3	14.0	9.4	5.4	2.2	0.0
-45°	23.6	18.2	13.3	8.8	5.1	2.1	0.0
-47.5°	21.8	17.0	12.5	8.2	4.8	2.0	0.0
-50°	20.3	15.7	11.6	7.7	4.5	1.9	0.0
-52.5°	18.8	14.5	10.8	7.2	4.1	1.8	0.0
-55°	17.2	13.4	9.9	6.6	3.7	1.7	0.0
-57.5°	15.6	12.3	9.0	6.1	3.4	1.6	0.0
-60°	13.9	11.2	8.1	5.5	3.0	1.5	0.0
-62.5°	12.6	10.0	7.4	4.9	2.8	1.4	0.0
-65°	11.3	8.9	6.6	4.3	2.5	1.3	0.0
-67.5°	10.0	7.8	5.7	3.7	2.3	1.1	0.0
-70°	8.6	6.7	4.9	3.1	2.0	1.0	0.0
-72.5°	7.3	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°	4.6	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)