

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: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-930-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

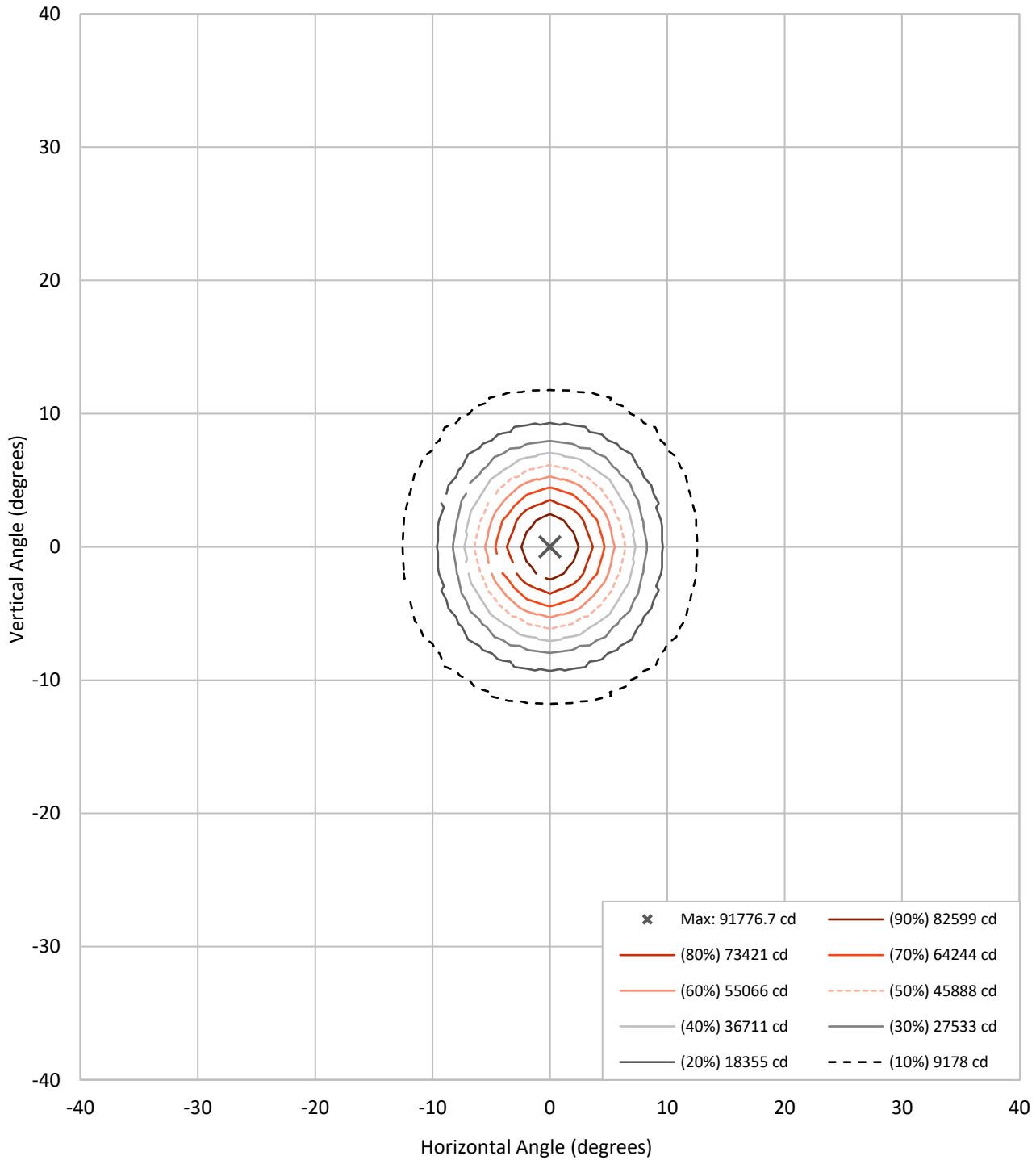
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	6652.6 lumens	Max Intensity:	91776.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2102.1 lumens	Field Lumens:	4656.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 63
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





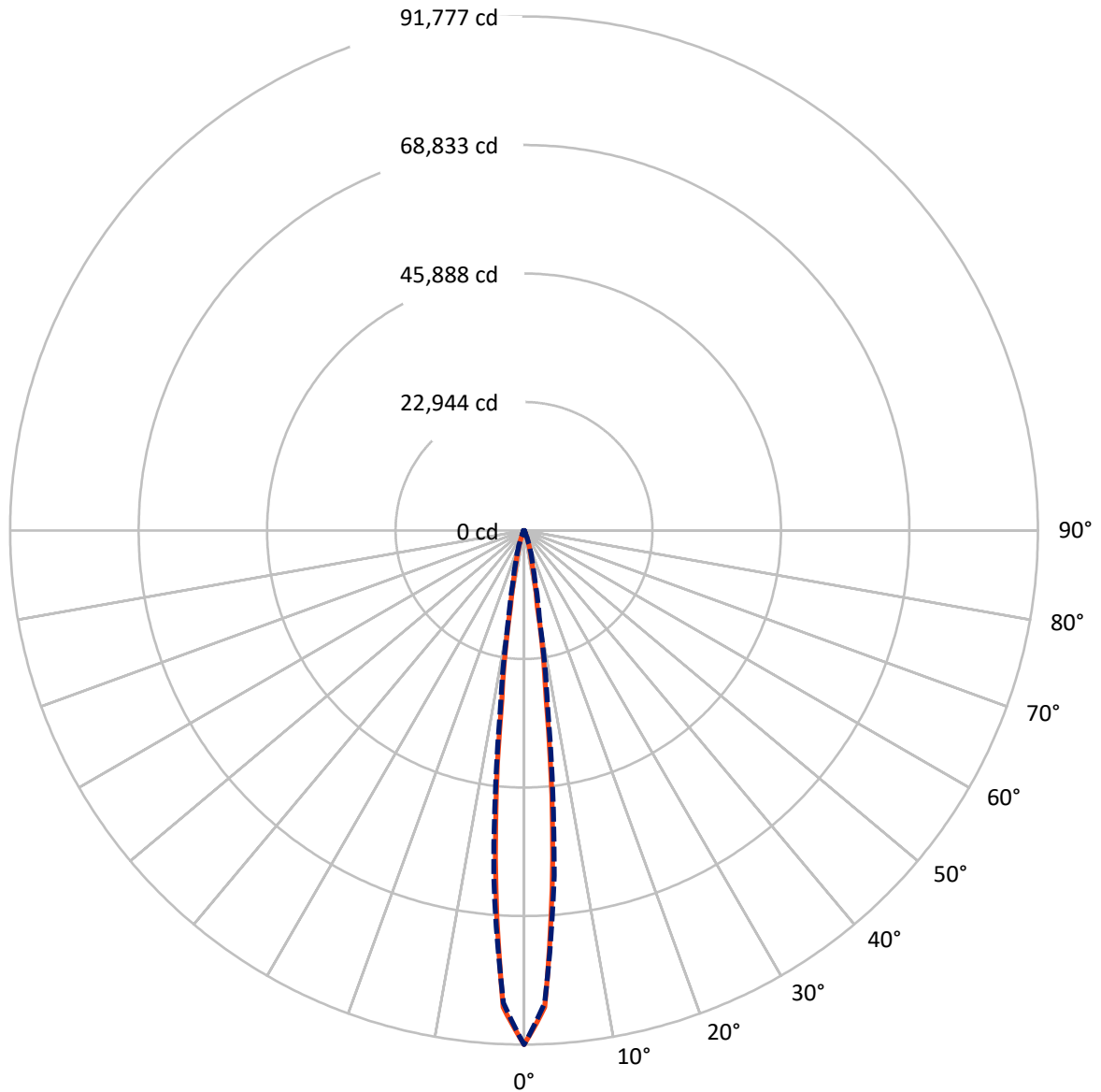
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Lumen Table

90	0.1	0.8		2.1		3.4		4.0		3.4		2.1		0.8		0.1
80	0.1	0.8		2.1		3.4		4.0		3.4		2.1		0.8		0.1
70	0.3	0.4	0.9	1.4	1.9	2.4	2.7	2.9	2.9	2.7	2.4	1.9	1.4	0.9	0.4	0.3
60		0.6	1.3	1.9	2.5	3.0	3.3	3.4	3.4	3.3	3.0	2.5	1.9	1.3	0.6	
50	0.6	0.8	1.6	2.3	2.8	3.3	3.7	3.9	3.9	3.7	3.3	2.8	2.3	1.6	0.8	0.6
40		1.0	1.8	2.5	3.1	4.1	5.1	5.7	5.7	5.1	4.1	3.1	2.5	1.8	1.0	
30	0.9	1.1	1.9	2.6	3.7	5.7	12.8	23.2	23.2	12.8	5.7	3.7	2.6	1.9	1.1	0.9
20		1.2	1.9	2.8	4.4	12.4	69.8	153.5	153.5	69.8	12.4	4.4	2.8	1.9	1.2	
10	0.9	1.2	1.9	2.8	4.9	23.7	167.5	1083.3	1083.3	167.5	23.7	4.9	2.8	1.9	1.2	0.9
0		1.2	1.9	2.8	4.9	23.7	167.5	1083.3	1083.3	167.5	23.7	4.9	2.8	1.9	1.2	
-10	0.9	1.2	1.9	2.8	4.4	12.4	69.8	153.5	153.5	69.8	12.4	4.4	2.8	1.9	1.2	0.9
-20		1.1	1.9	2.6	3.7	5.7	12.8	23.2	23.2	12.8	5.7	3.7	2.6	1.9	1.1	
-30	0.6	1.0	1.8	2.5	3.1	4.1	5.1	5.7	5.7	5.1	4.1	3.1	2.5	1.8	1.0	0.6
-40		0.8	1.6	2.3	2.8	3.3	3.7	3.9	3.9	3.7	3.3	2.8	2.3	1.6	0.8	
-50	0.3	0.6	1.3	1.9	2.5	3.0	3.3	3.4	3.4	3.3	3.0	2.5	1.9	1.3	0.6	0.3
-60		0.4	0.9	1.4	1.9	2.4	2.7	2.9	2.9	2.7	2.4	1.9	1.4	0.9	0.4	
-70	0.1	0.8		2.1		3.4		4.0		3.4		2.1		0.8		0.1
-80		0.8		2.1		3.4		4.0		3.4		2.1		0.8		
-90	0.1	0.8		2.1		3.4		4.0		3.4		2.1		0.8		0.1

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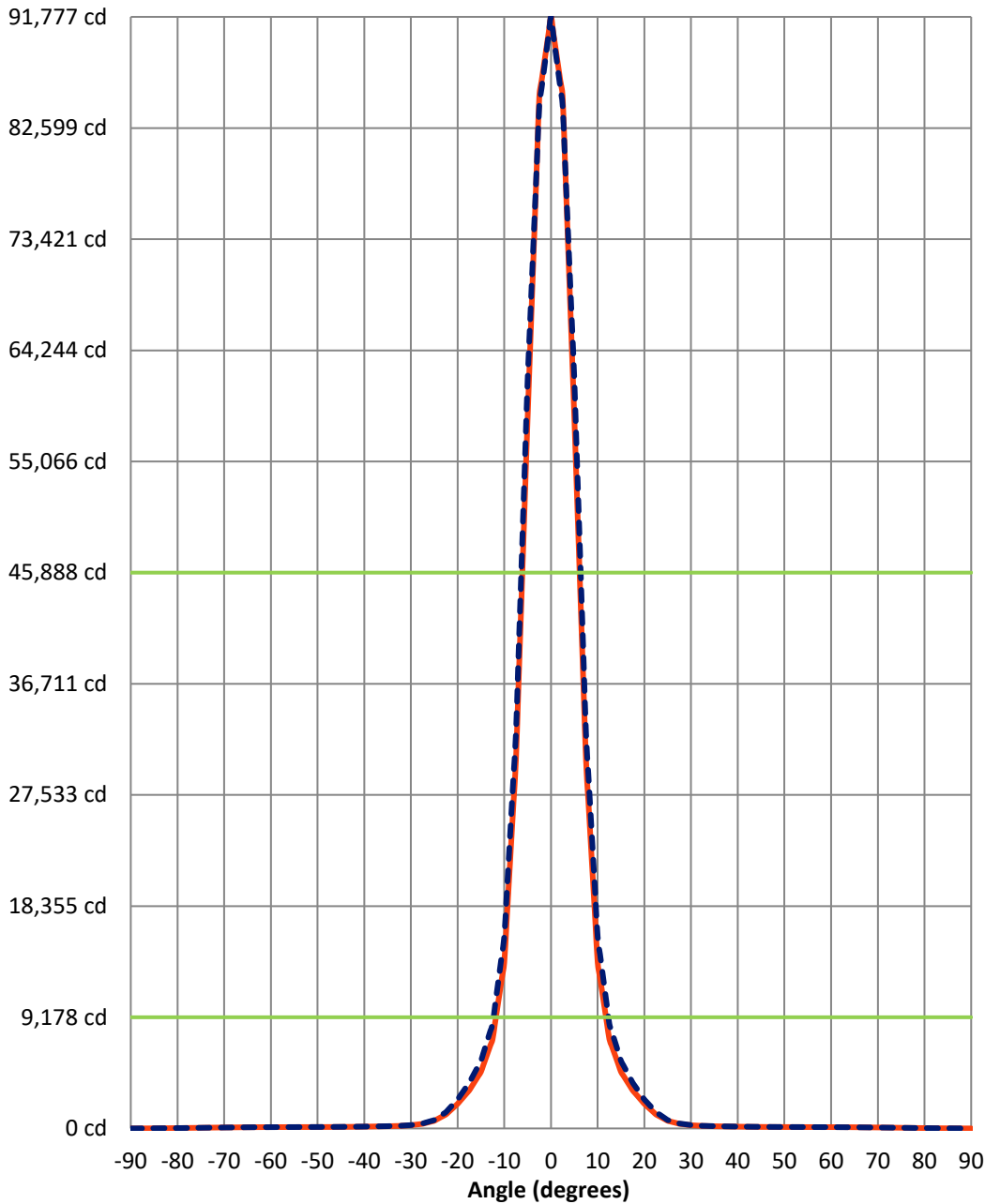
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 2102.1
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 4656.9
 Efficiency: 70.0%

Spill:
 Lumens: 1995.7
 Efficiency: 30.0%

— 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	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.6	1.8
85°	0.0	0.4	0.9	1.2	1.6	1.9	2.2	2.6	2.9	3.3	3.6
82.5°	0.0	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.5	5.3	6.1
80°	0.0	0.9	1.7	2.5	3.2	3.8	4.5	5.5	6.6	7.8	8.9
77.5°	0.0	1.1	2.1	3.1	4.0	4.9	6.1	7.4	8.8	10.3	11.8
75°	0.0	1.3	2.5	3.7	4.8	6.2	7.7	9.3	11.0	13.0	14.9
72.5°	0.0	1.5	2.9	4.3	5.9	7.5	9.2	11.2	13.5	15.8	17.9
70°	0.0	1.7	3.3	4.9	6.9	8.8	10.8	13.4	16.1	18.6	22.1
67.5°	0.0	1.9	3.7	5.7	7.9	10.1	12.7	15.7	18.6	22.4	26.4
65°	0.0	2.1	4.1	6.4	8.9	11.5	14.6	17.9	21.8	26.2	30.8
62.5°	0.0	2.3	4.5	7.2	9.9	13.0	16.5	20.4	25.0	29.9	35.2
60°	0.0	2.4	4.9	7.9	10.8	14.5	18.3	23.1	28.1	33.9	39.6
57.5°	0.0	2.6	5.4	8.6	12.0	16.0	20.5	25.6	31.4	37.7	44.1
55°	0.0	2.8	5.8	9.3	13.1	17.4	22.6	28.1	34.8	41.5	48.5
52.5°	0.0	3.0	6.2	9.9	14.2	18.8	24.7	31.0	38.1	45.4	52.7
50°	0.0	3.1	6.7	10.6	15.2	20.5	26.7	33.8	41.3	49.1	57.0
47.5°	0.0	3.3	7.1	11.2	16.2	22.1	28.7	36.4	44.4	52.7	61.1
45°	0.0	3.5	7.5	12.0	17.2	23.7	30.9	39.0	47.5	56.3	65.1
42.5°	0.0	3.6	7.8	12.6	18.1	25.2	33.0	41.5	50.5	59.8	68.6
40°	0.0	3.8	8.2	13.3	19.1	26.6	35.0	44.0	53.4	63.1	71.8
37.5°	0.0	3.9	8.5	13.9	20.2	28.0	36.8	46.3	56.2	66.2	74.8
35°	0.0	4.0	8.9	14.4	21.2	29.4	38.6	48.6	58.8	68.7	77.6
32.5°	0.0	4.1	9.2	14.9	22.1	30.7	40.3	50.7	61.3	71.1	80.0
30°	0.0	4.2	9.4	15.4	23.1	32.0	41.9	52.6	63.6	73.3	82.2
27.5°	0.0	4.3	9.7	15.9	23.9	33.2	43.5	54.5	65.6	75.4	84.2
25°	0.0	4.4	9.9	16.3	24.6	34.2	44.9	56.1	67.2	77.2	86.1
22.5°	0.0	4.5	10.2	16.6	25.3	35.2	46.2	57.7	68.7	78.7	87.5
20°	0.0	4.6	10.4	16.9	25.9	36.1	47.3	59.0	70.1	80.0	88.8
17.5°	0.0	4.7	10.5	17.2	26.5	36.9	48.4	60.2	71.3	81.2	89.9
15°	0.0	4.7	10.7	17.4	27.0	37.6	49.3	61.2	72.3	82.2	90.9
12.5°	0.0	4.8	10.8	17.6	27.4	38.2	50.1	62.1	73.1	83.1	91.8
10°	0.0	4.8	10.9	17.7	27.8	38.6	50.7	62.7	73.8	83.8	92.5
7.5°	0.0	4.9	11.0	17.8	28.0	39.0	51.2	63.2	74.3	84.2	92.9
5°	0.0	4.9	11.1	17.9	28.2	39.3	51.6	63.5	74.7	84.5	93.2
2.5°	0.0	4.9	11.1	17.9	28.4	39.4	51.8	63.6	74.8	84.7	93.4
0°	0.0	4.9	11.1	17.9	28.4	39.4	51.8	63.6	74.8	84.7	93.4
-2.5°	0.0	4.9	11.1	17.9	28.4	39.4	51.8	63.6	74.8	84.7	93.4
-5°	0.0	4.9	11.1	17.9	28.2	39.3	51.6	63.5	74.7	84.5	93.2
-7.5°	0.0	4.9	11.0	17.8	28.0	39.0	51.2	63.2	74.3	84.2	92.9
-10°	0.0	4.8	10.9	17.7	27.8	38.6	50.7	62.7	73.8	83.8	92.5
-12.5°	0.0	4.8	10.8	17.6	27.4	38.2	50.1	62.1	73.1	83.1	91.8
-15°	0.0	4.7	10.7	17.4	27.0	37.6	49.3	61.2	72.3	82.2	90.9
-17.5°	0.0	4.7	10.5	17.2	26.5	36.9	48.4	60.2	71.3	81.2	89.9
-20°	0.0	4.6	10.4	16.9	25.9	36.1	47.3	59.0	70.1	80.0	88.8



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 CATALOG NUMBER: GFLD-SA2B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.5	10.2	16.6	25.3	35.2	46.2	57.7	68.7	78.7	87.5
-25°	0.0	4.4	9.9	16.3	24.6	34.2	44.9	56.1	67.2	77.2	86.1
-27.5°	0.0	4.3	9.7	15.9	23.9	33.2	43.5	54.5	65.6	75.4	84.2
-30°	0.0	4.2	9.4	15.4	23.1	32.0	41.9	52.6	63.6	73.3	82.2
-32.5°	0.0	4.1	9.2	14.9	22.1	30.7	40.3	50.7	61.3	71.1	80.0
-35°	0.0	4.0	8.9	14.4	21.2	29.4	38.6	48.6	58.8	68.7	77.6
-37.5°	0.0	3.9	8.5	13.9	20.2	28.0	36.8	46.3	56.2	66.2	74.8
-40°	0.0	3.8	8.2	13.3	19.1	26.6	35.0	44.0	53.4	63.1	71.8
-42.5°	0.0	3.6	7.8	12.6	18.1	25.2	33.0	41.5	50.5	59.8	68.6
-45°	0.0	3.5	7.5	12.0	17.2	23.7	30.9	39.0	47.5	56.3	65.1
-47.5°	0.0	3.3	7.1	11.2	16.2	22.1	28.7	36.4	44.4	52.7	61.1
-50°	0.0	3.1	6.7	10.6	15.2	20.5	26.7	33.8	41.3	49.1	57.0
-52.5°	0.0	3.0	6.2	9.9	14.2	18.8	24.7	31.0	38.1	45.4	52.7
-55°	0.0	2.8	5.8	9.3	13.1	17.4	22.6	28.1	34.8	41.5	48.5
-57.5°	0.0	2.6	5.4	8.6	12.0	16.0	20.5	25.6	31.4	37.7	44.1
-60°	0.0	2.4	4.9	7.9	10.8	14.5	18.3	23.1	28.1	33.9	39.6
-62.5°	0.0	2.3	4.5	7.2	9.9	13.0	16.5	20.4	25.0	29.9	35.2
-65°	0.0	2.1	4.1	6.4	8.9	11.5	14.6	17.9	21.8	26.2	30.8
-67.5°	0.0	1.9	3.7	5.7	7.9	10.1	12.7	15.7	18.6	22.4	26.4
-70°	0.0	1.7	3.3	4.9	6.9	8.8	10.8	13.4	16.1	18.6	22.1
-72.5°	0.0	1.5	2.9	4.3	5.9	7.5	9.2	11.2	13.5	15.8	17.9
-75°	0.0	1.3	2.5	3.7	4.8	6.2	7.7	9.3	11.0	13.0	14.9
-77.5°	0.0	1.1	2.1	3.1	4.0	4.9	6.1	7.4	8.8	10.3	11.8
-80°	0.0	0.9	1.7	2.5	3.2	3.8	4.5	5.5	6.6	7.8	8.9
-82.5°	0.0	0.6	1.3	1.9	2.4	2.9	3.3	3.9	4.5	5.3	6.1
-85°	0.0	0.4	0.9	1.2	1.6	1.9	2.2	2.6	2.9	3.3	3.6
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.6	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4
85°	4.0	4.3	4.7	5.1	5.5	5.8	6.1	6.4	6.7	7.1	7.5
82.5°	6.8	7.4	7.9	8.3	8.8	9.2	9.7	10.4	11.3	12.2	13.0
80°	9.8	10.5	11.5	12.6	13.7	14.8	15.9	16.9	18.0	19.2	20.4
77.5°	13.2	14.6	16.1	17.8	19.4	21.2	23.1	25.0	26.7	28.2	29.6
75°	16.7	18.6	21.2	23.7	26.2	28.6	31.0	33.4	35.5	37.4	39.3
72.5°	20.8	23.9	26.9	29.9	33.1	36.1	38.9	41.5	44.2	46.9	49.4
70°	25.7	29.2	32.9	36.6	40.2	43.6	46.9	50.2	53.5	56.5	59.2
67.5°	30.6	34.8	39.0	43.2	47.2	51.0	54.9	58.8	62.5	65.6	68.3
65°	35.6	40.3	45.0	49.6	54.0	58.4	62.8	67.1	70.5	73.4	76.1
62.5°	40.5	45.8	51.0	56.0	60.9	65.8	70.0	73.8	77.4	80.5	83.5
60°	45.5	51.3	56.9	62.4	67.6	72.0	76.3	80.2	83.8	87.2	89.7
57.5°	50.5	56.7	62.8	68.4	73.3	78.0	82.1	86.2	89.3	92.0	94.8
55°	55.3	62.0	68.2	73.8	78.8	83.3	87.5	90.8	93.9	96.5	99.3
52.5°	60.1	67.1	73.2	78.8	83.7	88.1	91.8	95.1	98.0	100.7	102.9
50°	64.7	71.6	78.0	83.3	88.1	92.2	95.7	98.9	101.8	104.2	106.2
47.5°	68.9	75.9	82.0	87.4	92.0	95.9	99.3	102.4	105.2	107.3	109.3
45°	72.7	79.7	85.9	91.0	95.5	99.2	102.5	105.7	108.0	110.1	111.6
42.5°	76.4	83.2	89.2	94.5	98.5	102.1	105.4	108.1	110.5	112.4	114.0
40°	79.6	86.6	92.3	97.1	101.2	104.7	107.7	110.4	112.8	114.6	116.4
37.5°	82.6	89.3	95.1	99.6	103.5	106.8	109.8	112.4	114.7	116.6	119.1
35°	85.4	91.9	97.3	101.7	105.4	108.7	111.6	114.2	116.5	119.2	122.0
32.5°	87.8	94.3	99.3	103.4	107.1	110.4	113.3	116.0	118.6	121.6	125.0
30°	89.9	96.1	101.1	104.9	108.6	111.7	114.8	117.7	120.6	124.2	128.7
27.5°	91.8	97.8	102.4	106.2	109.9	112.9	116.1	119.4	122.7	126.9	132.7
25°	93.5	99.3	103.5	107.4	110.8	113.9	117.3	120.6	124.8	130.4	137.9
22.5°	94.9	100.7	104.5	108.5	111.6	114.9	118.4	122.1	126.9	133.6	143.3
20°	96.1	101.6	105.4	109.3	112.2	115.8	119.3	123.3	129.1	137.8	149.1
17.5°	97.1	102.3	106.1	109.8	112.9	116.5	120.1	124.3	130.9	141.8	154.4
15°	98.0	102.9	106.7	110.2	113.5	117.1	120.9	125.7	133.3	145.6	159.2
12.5°	98.8	103.3	107.1	110.5	113.9	117.5	121.5	126.8	135.9	149.1	163.9
10°	99.5	103.7	107.4	110.7	114.2	117.7	122.0	127.6	137.7	151.1	166.8
7.5°	99.9	104.0	107.6	110.8	114.4	117.7	122.3	128.0	138.9	152.2	168.3
5°	100.1	104.2	107.9	111.0	114.7	117.9	122.7	128.0	139.3	152.4	168.8
2.5°	100.2	104.3	108.0	111.2	114.8	118.3	123.2	128.7	139.7	153.1	169.2
0°	100.1	104.4	108.1	111.2	114.9	118.6	123.6	129.1	139.6	153.8	169.3
-2.5°	100.2	104.3	108.0	111.2	114.8	118.3	123.2	128.7	139.7	153.1	169.2
-5°	100.1	104.2	107.9	111.0	114.7	117.9	122.7	128.0	139.3	152.4	168.8
-7.5°	99.9	104.0	107.6	110.8	114.4	117.7	122.3	128.0	138.9	152.2	168.3
-10°	99.5	103.7	107.4	110.7	114.2	117.7	122.0	127.6	137.7	151.1	166.8
-12.5°	98.8	103.3	107.1	110.5	113.9	117.5	121.5	126.8	135.9	149.1	163.9
-15°	98.0	102.9	106.7	110.2	113.5	117.1	120.9	125.7	133.3	145.6	159.2
-17.5°	97.1	102.3	106.1	109.8	112.9	116.5	120.1	124.3	130.9	141.8	154.4
-20°	96.1	101.6	105.4	109.3	112.2	115.8	119.3	123.3	129.1	137.8	149.1



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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°	94.9	100.7	104.5	108.5	111.6	114.9	118.4	122.1	126.9	133.6	143.3
-25°	93.5	99.3	103.5	107.4	110.8	113.9	117.3	120.6	124.8	130.4	137.9
-27.5°	91.8	97.8	102.4	106.2	109.9	112.9	116.1	119.4	122.7	126.9	132.7
-30°	89.9	96.1	101.1	104.9	108.6	111.7	114.8	117.7	120.6	124.2	128.7
-32.5°	87.8	94.3	99.3	103.4	107.1	110.4	113.3	116.0	118.6	121.6	125.0
-35°	85.4	91.9	97.3	101.7	105.4	108.7	111.6	114.2	116.5	119.2	122.0
-37.5°	82.6	89.3	95.1	99.6	103.5	106.8	109.8	112.4	114.7	116.6	119.1
-40°	79.6	86.6	92.3	97.1	101.2	104.7	107.7	110.4	112.8	114.6	116.4
-42.5°	76.4	83.2	89.2	94.5	98.5	102.1	105.4	108.1	110.5	112.4	114.0
-45°	72.7	79.7	85.9	91.0	95.5	99.2	102.5	105.7	108.0	110.1	111.6
-47.5°	68.9	75.9	82.0	87.4	92.0	95.9	99.3	102.4	105.2	107.3	109.3
-50°	64.7	71.6	78.0	83.3	88.1	92.2	95.7	98.9	101.8	104.2	106.2
-52.5°	60.1	67.1	73.2	78.8	83.7	88.1	91.8	95.1	98.0	100.7	102.9
-55°	55.3	62.0	68.2	73.8	78.8	83.3	87.5	90.8	93.9	96.5	99.3
-57.5°	50.5	56.7	62.8	68.4	73.3	78.0	82.1	86.2	89.3	92.0	94.8
-60°	45.5	51.3	56.9	62.4	67.6	72.0	76.3	80.2	83.8	87.2	89.7
-62.5°	40.5	45.8	51.0	56.0	60.9	65.8	70.0	73.8	77.4	80.5	83.5
-65°	35.6	40.3	45.0	49.6	54.0	58.4	62.8	67.1	70.5	73.4	76.1
-67.5°	30.6	34.8	39.0	43.2	47.2	51.0	54.9	58.8	62.5	65.6	68.3
-70°	25.7	29.2	32.9	36.6	40.2	43.6	46.9	50.2	53.5	56.5	59.2
-72.5°	20.8	23.9	26.9	29.9	33.1	36.1	38.9	41.5	44.2	46.9	49.4
-75°	16.7	18.6	21.2	23.7	26.2	28.6	31.0	33.4	35.5	37.4	39.3
-77.5°	13.2	14.6	16.1	17.8	19.4	21.2	23.1	25.0	26.7	28.2	29.6
-80°	9.8	10.5	11.5	12.6	13.7	14.8	15.9	16.9	18.0	19.2	20.4
-82.5°	6.8	7.4	7.9	8.3	8.8	9.2	9.7	10.4	11.3	12.2	13.0
-85°	4.0	4.3	4.7	5.1	5.5	5.8	6.1	6.4	6.7	7.1	7.5
-87.5°	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6
85°	7.9	8.2	8.5	8.9	9.2	9.5	9.7	9.9	10.0	10.2	10.3
82.5°	13.8	14.5	15.1	15.7	16.2	16.7	17.0	17.4	17.7	17.9	18.1
80°	21.5	22.6	23.6	24.6	25.5	26.2	26.7	27.2	27.6	28.0	28.4
77.5°	30.9	32.3	33.8	35.0	36.2	37.1	37.9	38.7	39.3	40.0	40.7
75°	41.3	43.1	44.7	46.2	47.6	48.8	49.9	50.9	51.7	52.5	53.2
72.5°	51.8	53.9	55.8	57.4	58.9	60.3	61.6	62.9	64.1	65.0	65.6
70°	61.6	63.8	65.8	67.7	69.4	71.1	72.9	74.6	76.1	77.1	77.6
67.5°	70.6	72.9	75.2	77.5	79.5	81.4	83.2	84.8	86.3	87.3	87.9
65°	78.8	81.3	83.8	86.1	88.3	89.9	91.5	93.0	94.5	95.6	96.5
62.5°	86.4	88.9	91.0	93.0	94.8	96.4	98.0	99.4	100.7	101.8	102.8
60°	92.3	94.8	96.8	98.7	100.3	101.9	103.2	104.3	105.1	105.8	106.5
57.5°	97.3	99.7	101.7	103.3	104.8	106.3	107.4	108.0	108.5	108.9	109.2
55°	101.6	103.6	105.3	107.0	108.4	109.7	110.7	111.1	111.4	111.5	111.6
52.5°	105.1	107.0	108.8	110.3	111.5	112.6	113.5	113.8	113.9	113.9	114.0
50°	108.3	110.1	111.5	112.9	114.0	115.0	115.9	116.2	116.4	116.4	116.3
47.5°	110.8	112.4	114.0	115.3	116.6	117.7	118.6	119.1	119.5	119.6	119.6
45°	113.0	114.9	116.6	118.2	119.6	121.0	122.3	123.2	124.1	124.6	124.9
42.5°	115.7	117.6	119.4	121.6	123.6	125.6	127.7	129.5	131.4	133.5	134.8
40°	118.4	120.4	123.2	125.9	128.9	131.6	136.0	140.4	143.7	146.6	149.2
37.5°	121.5	124.4	127.8	131.2	136.1	141.1	146.7	152.1	156.9	161.2	164.7
35°	125.0	128.9	133.1	139.1	145.4	151.6	158.3	165.5	171.7	176.3	179.5
32.5°	129.4	134.3	140.9	148.7	156.3	164.4	172.5	180.6	186.7	193.0	199.3
30°	134.2	141.3	149.9	159.4	168.8	178.5	188.6	199.9	210.5	222.1	238.5
27.5°	140.4	149.0	159.1	170.2	181.7	193.2	210.8	230.1	258.8	281.7	320.5
25°	146.9	157.0	169.0	182.0	196.0	216.6	248.8	286.9	354.4	406.8	486.3
22.5°	154.2	166.1	179.3	194.3	216.8	255.7	310.8	408.7	544.8	679.4	829.0
20°	161.4	174.6	189.1	211.6	250.0	311.4	430.9	642.5	878.8	1215.3	1497.7
17.5°	168.2	182.2	200.6	231.2	288.5	412.2	643.5	1006.0	1499.5	2041.9	2494.2
15°	174.2	188.5	213.3	261.7	358.6	551.2	900.5	1517.3	2346.6	3089.2	3751.5
12.5°	179.3	196.2	227.0	286.3	419.5	704.5	1264.8	2140.7	3153.5	4194.9	5033.1
10°	182.9	204.4	245.4	331.9	516.2	887.0	1568.5	2673.4	3892.7	5158.5	6673.8
7.5°	185.1	210.3	259.3	365.7	602.5	1090.2	1949.5	3148.9	4549.2	6277.2	8592.3
5°	186.7	214.2	269.6	391.2	660.1	1224.5	2190.0	3509.2	5115.6	7614.1	12378.8
2.5°	187.5	216.0	275.5	405.2	686.4	1293.5	2359.2	3715.5	5460.2	8557.3	15001.9
0°	187.2	215.0	276.2	408.4	690.1	1346.3	2387.4	3774.4	5576.7	8641.8	15842.8
-2.5°	187.5	216.0	275.5	405.2	686.4	1293.5	2359.2	3715.5	5460.2	8557.3	15001.9
-5°	186.7	214.2	269.6	391.2	660.1	1224.5	2190.0	3509.2	5115.6	7614.1	12378.8
-7.5°	185.1	210.3	259.3	365.7	602.5	1090.2	1949.5	3148.9	4549.2	6277.2	8592.3
-10°	182.9	204.4	245.4	331.9	516.2	887.0	1568.5	2673.4	3892.7	5158.5	6673.8
-12.5°	179.3	196.2	227.0	286.3	419.5	704.5	1264.8	2140.7	3153.5	4194.9	5033.1
-15°	174.2	188.5	213.3	261.7	358.6	551.2	900.5	1517.3	2346.6	3089.2	3751.5
-17.5°	168.2	182.2	200.6	231.2	288.5	412.2	643.5	1006.0	1499.5	2041.9	2494.2
-20°	161.4	174.6	189.1	211.6	250.0	311.4	430.9	642.5	878.8	1215.3	1497.7



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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°	154.2	166.1	179.3	194.3	216.8	255.7	310.8	408.7	544.8	679.4	829.0
-25°	146.9	157.0	169.0	182.0	196.0	216.6	248.8	286.9	354.4	406.8	486.3
-27.5°	140.4	149.0	159.1	170.2	181.7	193.2	210.8	230.1	258.8	281.7	320.5
-30°	134.2	141.3	149.9	159.4	168.8	178.5	188.6	199.9	210.5	222.1	238.5
-32.5°	129.4	134.3	140.9	148.7	156.3	164.4	172.5	180.6	186.7	193.0	199.3
-35°	125.0	128.9	133.1	139.1	145.4	151.6	158.3	165.5	171.7	176.3	179.5
-37.5°	121.5	124.4	127.8	131.2	136.1	141.1	146.7	152.1	156.9	161.2	164.7
-40°	118.4	120.4	123.2	125.9	128.9	131.6	136.0	140.4	143.7	146.6	149.2
-42.5°	115.7	117.6	119.4	121.6	123.6	125.6	127.7	129.5	131.4	133.5	134.8
-45°	113.0	114.9	116.6	118.2	119.6	121.0	122.3	123.2	124.1	124.6	124.9
-47.5°	110.8	112.4	114.0	115.3	116.6	117.7	118.6	119.1	119.5	119.6	119.6
-50°	108.3	110.1	111.5	112.9	114.0	115.0	115.9	116.2	116.4	116.4	116.3
-52.5°	105.1	107.0	108.8	110.3	111.5	112.6	113.5	113.8	113.9	113.9	114.0
-55°	101.6	103.6	105.3	107.0	108.4	109.7	110.7	111.1	111.4	111.5	111.6
-57.5°	97.3	99.7	101.7	103.3	104.8	106.3	107.4	108.0	108.5	108.9	109.2
-60°	92.3	94.8	96.8	98.7	100.3	101.9	103.2	104.3	105.1	105.8	106.5
-62.5°	86.4	88.9	91.0	93.0	94.8	96.4	98.0	99.4	100.7	101.8	102.8
-65°	78.8	81.3	83.8	86.1	88.3	89.9	91.5	93.0	94.5	95.6	96.5
-67.5°	70.6	72.9	75.2	77.5	79.5	81.4	83.2	84.8	86.3	87.3	87.9
-70°	61.6	63.8	65.8	67.7	69.4	71.1	72.9	74.6	76.1	77.1	77.6
-72.5°	51.8	53.9	55.8	57.4	58.9	60.3	61.6	62.9	64.1	65.0	65.6
-75°	41.3	43.1	44.7	46.2	47.6	48.8	49.9	50.9	51.7	52.5	53.2
-77.5°	30.9	32.3	33.8	35.0	36.2	37.1	37.9	38.7	39.3	40.0	40.7
-80°	21.5	22.6	23.6	24.6	25.5	26.2	26.7	27.2	27.6	28.0	28.4
-82.5°	13.8	14.5	15.1	15.7	16.2	16.7	17.0	17.4	17.7	17.9	18.1
-85°	7.9	8.2	8.5	8.9	9.2	9.5	9.7	9.9	10.0	10.2	10.3
-87.5°	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
85°	10.4	10.4	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.0	9.9
82.5°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.1	17.9	17.7	17.4
80°	28.6	28.8	29.0	29.0	29.0	28.8	28.6	28.4	28.0	27.6	27.2
77.5°	41.3	41.7	41.9	42.0	41.9	41.7	41.3	40.7	40.0	39.3	38.7
75°	53.7	54.1	54.3	54.4	54.3	54.1	53.7	53.2	52.5	51.7	50.9
72.5°	66.1	66.4	66.9	67.3	66.9	66.4	66.1	65.6	65.0	64.1	62.9
70°	78.0	78.2	78.7	79.1	78.7	78.2	78.0	77.6	77.1	76.1	74.6
67.5°	88.3	88.6	88.6	88.4	88.6	88.6	88.3	87.9	87.3	86.3	84.8
65°	97.2	97.8	97.8	97.6	97.8	97.8	97.2	96.5	95.6	94.5	93.0
62.5°	103.7	104.6	104.9	105.0	104.9	104.6	103.7	102.8	101.8	100.7	99.4
60°	106.9	107.3	107.5	107.5	107.5	107.3	106.9	106.5	105.8	105.1	104.3
57.5°	109.3	109.3	109.4	109.4	109.4	109.3	109.3	109.2	108.9	108.5	108.0
55°	111.7	111.7	111.5	111.2	111.5	111.7	111.7	111.6	111.5	111.4	111.1
52.5°	113.9	113.7	113.4	113.1	113.4	113.7	113.9	114.0	113.9	113.9	113.8
50°	116.1	115.6	115.5	115.5	115.5	115.6	116.1	116.3	116.4	116.4	116.2
47.5°	119.5	119.2	119.1	119.2	119.1	119.2	119.5	119.6	119.6	119.5	119.1
45°	125.0	124.8	124.7	124.8	124.7	124.8	125.0	124.9	124.6	124.1	123.2
42.5°	135.6	135.7	135.6	135.9	135.6	135.7	135.6	134.8	133.5	131.4	129.5
40°	150.2	150.1	149.6	149.5	149.6	150.1	150.2	149.2	146.6	143.7	140.4
37.5°	166.1	166.2	165.6	165.6	165.6	166.2	166.1	164.7	161.2	156.9	152.1
35°	181.2	181.7	181.6	181.0	181.6	181.7	181.2	179.5	176.3	171.7	165.5
32.5°	203.7	207.2	209.0	208.2	209.0	207.2	203.7	199.3	193.0	186.7	180.6
30°	248.8	257.7	262.4	264.4	262.4	257.7	248.8	238.5	222.1	210.5	199.9
27.5°	348.4	368.0	376.8	380.0	376.8	368.0	348.4	320.5	281.7	258.8	230.1
25°	555.7	600.1	621.9	629.0	621.9	600.1	555.7	486.3	406.8	354.4	286.9
22.5°	993.7	1079.1	1137.5	1150.4	1137.5	1079.1	993.7	829.0	679.4	544.8	408.7
20°	1781.6	1946.9	2036.5	2028.4	2036.5	1946.9	1781.6	1497.7	1215.3	878.8	642.5
17.5°	2878.7	3090.5	3191.4	3144.2	3191.4	3090.5	2878.7	2494.2	2041.9	1499.5	1006.0
15°	4220.0	4506.2	4631.1	4669.7	4631.1	4506.2	4220.0	3751.5	3089.2	2346.6	1517.3
12.5°	5869.8	6808.1	7256.8	7377.1	7256.8	6808.1	5869.8	5033.1	4194.9	3153.5	2140.7
10°	8223.7	11377.7	13253.8	13711.9	13253.8	11377.7	8223.7	6673.8	5158.5	3892.7	2673.4
7.5°	13430.0	19839.2	27019.1	30419.1	27019.1	19839.2	13430.0	8592.3	6277.2	4549.2	3148.9
5°	20480.7	35545.9	52169.4	58686.1	52169.4	35545.9	20480.7	12378.8	7614.1	5115.6	3509.2
2.5°	29052.0	53671.5	76641.2	85203.8	76641.2	53671.5	29052.0	15001.9	8557.3	5460.2	3715.5
0°	32673.3	61877.3	84442.0	91776.7	84442.0	61877.3	32673.3	15842.8	8641.8	5576.7	3774.4
-2.5°	29052.0	53671.5	76641.2	85203.7	76641.2	53671.5	29052.0	15001.9	8557.3	5460.2	3715.5
-5°	20480.7	35545.9	52169.4	58686.1	52169.4	35545.9	20480.7	12378.8	7614.1	5115.6	3509.2
-7.5°	13430.0	19839.2	27019.1	30419.1	27019.1	19839.2	13430.0	8592.3	6277.2	4549.2	3148.9
-10°	8223.7	11377.7	13253.8	13711.9	13253.8	11377.7	8223.7	6673.8	5158.5	3892.7	2673.4
-12.5°	5869.8	6808.1	7256.8	7377.1	7256.8	6808.1	5869.8	5033.1	4194.9	3153.5	2140.7
-15°	4220.0	4506.2	4631.1	4669.7	4631.1	4506.2	4220.0	3751.5	3089.2	2346.6	1517.3
-17.5°	2878.7	3090.5	3191.4	3144.2	3191.4	3090.5	2878.7	2494.2	2041.9	1499.5	1006.0
-20°	1781.6	1946.9	2036.5	2028.4	2036.5	1946.9	1781.6	1497.7	1215.3	878.8	642.5



REPORT NUMBER: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	993.7	1079.1	1137.5	1150.4	1137.5	1079.1	993.7	829.0	679.4	544.8	408.7
-25°	555.7	600.1	621.9	629.0	621.9	600.1	555.7	486.3	406.8	354.4	286.9
-27.5°	348.4	368.0	376.8	380.0	376.8	368.0	348.4	320.5	281.7	258.8	230.1
-30°	248.8	257.7	262.4	264.4	262.4	257.7	248.8	238.5	222.1	210.5	199.9
-32.5°	203.7	207.2	209.0	208.2	209.0	207.2	203.7	199.3	193.0	186.7	180.6
-35°	181.2	181.7	181.6	181.0	181.6	181.7	181.2	179.5	176.3	171.7	165.5
-37.5°	166.1	166.2	165.6	165.6	165.6	166.2	166.1	164.7	161.2	156.9	152.1
-40°	150.2	150.1	149.6	149.5	149.6	150.1	150.2	149.2	146.6	143.7	140.4
-42.5°	135.6	135.7	135.6	135.9	135.6	135.7	135.6	134.8	133.5	131.4	129.5
-45°	125.0	124.8	124.7	124.8	124.7	124.8	125.0	124.9	124.6	124.1	123.2
-47.5°	119.5	119.2	119.1	119.2	119.1	119.2	119.5	119.6	119.6	119.5	119.1
-50°	116.1	115.6	115.5	115.5	115.5	115.6	116.1	116.3	116.4	116.4	116.2
-52.5°	113.9	113.7	113.4	113.1	113.4	113.7	113.9	114.0	113.9	113.9	113.8
-55°	111.7	111.7	111.5	111.2	111.5	111.7	111.7	111.6	111.5	111.4	111.1
-57.5°	109.3	109.3	109.4	109.4	109.4	109.3	109.3	109.2	108.9	108.5	108.0
-60°	106.9	107.3	107.5	107.5	107.5	107.3	106.9	106.5	105.8	105.1	104.3
-62.5°	103.7	104.6	104.9	105.0	104.9	104.6	103.7	102.8	101.8	100.7	99.4
-65°	97.2	97.8	97.8	97.6	97.8	97.8	97.2	96.5	95.6	94.5	93.0
-67.5°	88.3	88.6	88.6	88.4	88.6	88.6	88.3	87.9	87.3	86.3	84.8
-70°	78.0	78.2	78.7	79.1	78.7	78.2	78.0	77.6	77.1	76.1	74.6
-72.5°	66.1	66.4	66.9	67.3	66.9	66.4	66.1	65.6	65.0	64.1	62.9
-75°	53.7	54.1	54.3	54.4	54.3	54.1	53.7	53.2	52.5	51.7	50.9
-77.5°	41.3	41.7	41.9	42.0	41.9	41.7	41.3	40.7	40.0	39.3	38.7
-80°	28.6	28.8	29.0	29.0	29.0	28.8	28.6	28.4	28.0	27.6	27.2
-82.5°	18.3	18.4	18.5	18.5	18.5	18.4	18.3	18.1	17.9	17.7	17.4
-85°	10.4	10.4	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.0	9.9
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-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: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.2	3.0
85°	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.5	7.1	6.7	6.4
82.5°	17.0	16.7	16.2	15.7	15.1	14.5	13.8	13.0	12.2	11.3	10.4
80°	26.7	26.2	25.5	24.6	23.6	22.6	21.5	20.4	19.2	18.0	16.9
77.5°	37.9	37.1	36.2	35.0	33.8	32.3	30.9	29.6	28.2	26.7	25.0
75°	49.9	48.8	47.6	46.2	44.7	43.1	41.3	39.3	37.4	35.5	33.4
72.5°	61.6	60.3	58.9	57.4	55.8	53.9	51.8	49.4	46.9	44.2	41.5
70°	72.9	71.1	69.4	67.7	65.8	63.8	61.6	59.2	56.5	53.5	50.2
67.5°	83.2	81.4	79.5	77.5	75.2	72.9	70.6	68.3	65.6	62.5	58.8
65°	91.5	89.9	88.3	86.1	83.8	81.3	78.8	76.1	73.4	70.5	67.1
62.5°	98.0	96.4	94.8	93.0	91.0	88.9	86.4	83.5	80.5	77.4	73.8
60°	103.2	101.9	100.3	98.7	96.8	94.8	92.3	89.7	87.2	83.8	80.2
57.5°	107.4	106.3	104.8	103.3	101.7	99.7	97.3	94.8	92.0	89.3	86.2
55°	110.7	109.7	108.4	107.0	105.3	103.6	101.6	99.3	96.5	93.9	90.8
52.5°	113.5	112.6	111.5	110.3	108.8	107.0	105.1	102.9	100.7	98.0	95.1
50°	115.9	115.0	114.0	112.9	111.5	110.1	108.3	106.2	104.2	101.8	98.9
47.5°	118.6	117.7	116.6	115.3	114.0	112.4	110.8	109.3	107.3	105.2	102.4
45°	122.3	121.0	119.6	118.2	116.6	114.9	113.0	111.6	110.1	108.0	105.7
42.5°	127.7	125.6	123.6	121.6	119.4	117.6	115.7	114.0	112.4	110.5	108.1
40°	136.0	131.6	128.9	125.9	123.2	120.4	118.4	116.4	114.6	112.8	110.4
37.5°	146.7	141.1	136.1	131.2	127.8	124.4	121.5	119.1	116.6	114.7	112.4
35°	158.3	151.6	145.4	139.1	133.1	128.9	125.0	122.0	119.2	116.5	114.2
32.5°	172.5	164.4	156.3	148.7	140.9	134.3	129.4	125.0	121.6	118.6	116.0
30°	188.6	178.5	168.8	159.4	149.9	141.3	134.2	128.7	124.2	120.6	117.7
27.5°	210.8	193.2	181.7	170.2	159.1	149.0	140.4	132.7	126.9	122.7	119.4
25°	248.8	216.6	196.0	182.0	169.0	157.0	146.9	137.9	130.4	124.8	120.6
22.5°	310.8	255.7	216.8	194.3	179.3	166.1	154.2	143.3	133.6	126.9	122.1
20°	430.9	311.4	250.0	211.6	189.1	174.6	161.4	149.1	137.8	129.1	123.3
17.5°	643.5	412.2	288.5	231.2	200.6	182.2	168.2	154.4	141.8	130.9	124.3
15°	900.5	551.2	358.6	261.7	213.3	188.5	174.2	159.2	145.6	133.3	125.7
12.5°	1264.8	704.5	419.5	286.3	227.0	196.2	179.3	163.9	149.1	135.9	126.8
10°	1568.5	887.0	516.2	331.9	245.4	204.4	182.9	166.8	151.1	137.7	127.6
7.5°	1949.5	1090.2	602.5	365.7	259.3	210.3	185.1	168.3	152.2	138.9	128.0
5°	2190.0	1224.5	660.1	391.2	269.6	214.2	186.7	168.8	152.4	139.3	128.0
2.5°	2359.2	1293.5	686.4	405.2	275.5	216.0	187.5	169.2	153.1	139.7	128.7
0°	2387.4	1346.3	690.1	408.4	276.2	215.0	187.2	169.3	153.8	139.6	129.1
-2.5°	2359.2	1293.5	686.4	405.2	275.5	216.0	187.5	169.2	153.1	139.7	128.7
-5°	2190.0	1224.5	660.1	391.2	269.6	214.2	186.7	168.8	152.4	139.3	128.0
-7.5°	1949.5	1090.2	602.5	365.7	259.3	210.3	185.1	168.3	152.2	138.9	128.0
-10°	1568.5	887.0	516.2	331.9	245.4	204.4	182.9	166.8	151.1	137.7	127.6
-12.5°	1264.8	704.5	419.5	286.3	227.0	196.2	179.3	163.9	149.1	135.9	126.8
-15°	900.5	551.2	358.6	261.7	213.3	188.5	174.2	159.2	145.6	133.3	125.7
-17.5°	643.5	412.2	288.5	231.2	200.6	182.2	168.2	154.4	141.8	130.9	124.3
-20°	430.9	311.4	250.0	211.6	189.1	174.6	161.4	149.1	137.8	129.1	123.3



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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°	310.8	255.7	216.8	194.3	179.3	166.1	154.2	143.3	133.6	126.9	122.1
-25°	248.8	216.6	196.0	182.0	169.0	157.0	146.9	137.9	130.4	124.8	120.6
-27.5°	210.8	193.2	181.7	170.2	159.1	149.0	140.4	132.7	126.9	122.7	119.4
-30°	188.6	178.5	168.8	159.4	149.9	141.3	134.2	128.7	124.2	120.6	117.7
-32.5°	172.5	164.4	156.3	148.7	140.9	134.3	129.4	125.0	121.6	118.6	116.0
-35°	158.3	151.6	145.4	139.1	133.1	128.9	125.0	122.0	119.2	116.5	114.2
-37.5°	146.7	141.1	136.1	131.2	127.8	124.4	121.5	119.1	116.6	114.7	112.4
-40°	136.0	131.6	128.9	125.9	123.2	120.4	118.4	116.4	114.6	112.8	110.4
-42.5°	127.7	125.6	123.6	121.6	119.4	117.6	115.7	114.0	112.4	110.5	108.1
-45°	122.3	121.0	119.6	118.2	116.6	114.9	113.0	111.6	110.1	108.0	105.7
-47.5°	118.6	117.7	116.6	115.3	114.0	112.4	110.8	109.3	107.3	105.2	102.4
-50°	115.9	115.0	114.0	112.9	111.5	110.1	108.3	106.2	104.2	101.8	98.9
-52.5°	113.5	112.6	111.5	110.3	108.8	107.0	105.1	102.9	100.7	98.0	95.1
-55°	110.7	109.7	108.4	107.0	105.3	103.6	101.6	99.3	96.5	93.9	90.8
-57.5°	107.4	106.3	104.8	103.3	101.7	99.7	97.3	94.8	92.0	89.3	86.2
-60°	103.2	101.9	100.3	98.7	96.8	94.8	92.3	89.7	87.2	83.8	80.2
-62.5°	98.0	96.4	94.8	93.0	91.0	88.9	86.4	83.5	80.5	77.4	73.8
-65°	91.5	89.9	88.3	86.1	83.8	81.3	78.8	76.1	73.4	70.5	67.1
-67.5°	83.2	81.4	79.5	77.5	75.2	72.9	70.6	68.3	65.6	62.5	58.8
-70°	72.9	71.1	69.4	67.7	65.8	63.8	61.6	59.2	56.5	53.5	50.2
-72.5°	61.6	60.3	58.9	57.4	55.8	53.9	51.8	49.4	46.9	44.2	41.5
-75°	49.9	48.8	47.6	46.2	44.7	43.1	41.3	39.3	37.4	35.5	33.4
-77.5°	37.9	37.1	36.2	35.0	33.8	32.3	30.9	29.6	28.2	26.7	25.0
-80°	26.7	26.2	25.5	24.6	23.6	22.6	21.5	20.4	19.2	18.0	16.9
-82.5°	17.0	16.7	16.2	15.7	15.1	14.5	13.8	13.0	12.2	11.3	10.4
-85°	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.5	7.1	6.7	6.4
-87.5°	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.2	3.0
-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: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-TS-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°	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3
85°	6.1	5.8	5.5	5.1	4.7	4.3	4.0	3.6	3.3	2.9	2.6
82.5°	9.7	9.2	8.8	8.3	7.9	7.4	6.8	6.1	5.3	4.5	3.9
80°	15.9	14.8	13.7	12.6	11.5	10.5	9.8	8.9	7.8	6.6	5.5
77.5°	23.1	21.2	19.4	17.8	16.1	14.6	13.2	11.8	10.3	8.8	7.4
75°	31.0	28.6	26.2	23.7	21.2	18.6	16.7	14.9	13.0	11.0	9.3
72.5°	38.9	36.1	33.1	29.9	26.9	23.9	20.8	17.9	15.8	13.5	11.2
70°	46.9	43.6	40.2	36.6	32.9	29.2	25.7	22.1	18.6	16.1	13.4
67.5°	54.9	51.0	47.2	43.2	39.0	34.8	30.6	26.4	22.4	18.6	15.7
65°	62.8	58.4	54.0	49.6	45.0	40.3	35.6	30.8	26.2	21.8	17.9
62.5°	70.0	65.8	60.9	56.0	51.0	45.8	40.5	35.2	29.9	25.0	20.4
60°	76.3	72.0	67.6	62.4	56.9	51.3	45.5	39.6	33.9	28.1	23.1
57.5°	82.1	78.0	73.3	68.4	62.8	56.7	50.5	44.1	37.7	31.4	25.6
55°	87.5	83.3	78.8	73.8	68.2	62.0	55.3	48.5	41.5	34.8	28.1
52.5°	91.8	88.1	83.7	78.8	73.2	67.1	60.1	52.7	45.4	38.1	31.0
50°	95.7	92.2	88.1	83.3	78.0	71.6	64.7	57.0	49.1	41.3	33.8
47.5°	99.3	95.9	92.0	87.4	82.0	75.9	68.9	61.1	52.7	44.4	36.4
45°	102.5	99.2	95.5	91.0	85.9	79.7	72.7	65.1	56.3	47.5	39.0
42.5°	105.4	102.1	98.5	94.5	89.2	83.2	76.4	68.6	59.8	50.5	41.5
40°	107.7	104.7	101.2	97.1	92.3	86.6	79.6	71.8	63.1	53.4	44.0
37.5°	109.8	106.8	103.5	99.6	95.1	89.3	82.6	74.8	66.2	56.2	46.3
35°	111.6	108.7	105.4	101.7	97.3	91.9	85.4	77.6	68.7	58.8	48.6
32.5°	113.3	110.4	107.1	103.4	99.3	94.3	87.8	80.0	71.1	61.3	50.7
30°	114.8	111.7	108.6	104.9	101.1	96.1	89.9	82.2	73.3	63.6	52.6
27.5°	116.1	112.9	109.9	106.2	102.4	97.8	91.8	84.2	75.4	65.6	54.5
25°	117.3	113.9	110.8	107.4	103.5	99.3	93.5	86.1	77.2	67.2	56.1
22.5°	118.4	114.9	111.6	108.5	104.5	100.7	94.9	87.5	78.7	68.7	57.7
20°	119.3	115.8	112.2	109.3	105.4	101.6	96.1	88.8	80.0	70.1	59.0
17.5°	120.1	116.5	112.9	109.8	106.1	102.3	97.1	89.9	81.2	71.3	60.2
15°	120.9	117.1	113.5	110.2	106.7	102.9	98.0	90.9	82.2	72.3	61.2
12.5°	121.5	117.5	113.9	110.5	107.1	103.3	98.8	91.8	83.1	73.1	62.1
10°	122.0	117.7	114.2	110.7	107.4	103.7	99.5	92.5	83.8	73.8	62.7
7.5°	122.3	117.7	114.4	110.8	107.6	104.0	99.9	92.9	84.2	74.3	63.2
5°	122.7	117.9	114.7	111.0	107.9	104.2	100.1	93.2	84.5	74.7	63.5
2.5°	123.2	118.3	114.8	111.2	108.0	104.3	100.2	93.4	84.7	74.8	63.6
0°	123.6	118.6	114.9	111.2	108.1	104.4	100.1	93.3	84.6	74.8	63.6
-2.5°	123.2	118.3	114.8	111.2	108.0	104.3	100.2	93.4	84.7	74.8	63.6
-5°	122.7	117.9	114.7	111.0	107.9	104.2	100.1	93.2	84.5	74.7	63.5
-7.5°	122.3	117.7	114.4	110.8	107.6	104.0	99.9	92.9	84.2	74.3	63.2
-10°	122.0	117.7	114.2	110.7	107.4	103.7	99.5	92.5	83.8	73.8	62.7
-12.5°	121.5	117.5	113.9	110.5	107.1	103.3	98.8	91.8	83.1	73.1	62.1
-15°	120.9	117.1	113.5	110.2	106.7	102.9	98.0	90.9	82.2	72.3	61.2
-17.5°	120.1	116.5	112.9	109.8	106.1	102.3	97.1	89.9	81.2	71.3	60.2
-20°	119.3	115.8	112.2	109.3	105.4	101.6	96.1	88.8	80.0	70.1	59.0



REPORT NUMBER: P558632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	118.4	114.9	111.6	108.5	104.5	100.7	94.9	87.5	78.7	68.7	57.7
-25°	117.3	113.9	110.8	107.4	103.5	99.3	93.5	86.1	77.2	67.2	56.1
-27.5°	116.1	112.9	109.9	106.2	102.4	97.8	91.8	84.2	75.4	65.6	54.5
-30°	114.8	111.7	108.6	104.9	101.1	96.1	89.9	82.2	73.3	63.6	52.6
-32.5°	113.3	110.4	107.1	103.4	99.3	94.3	87.8	80.0	71.1	61.3	50.7
-35°	111.6	108.7	105.4	101.7	97.3	91.9	85.4	77.6	68.7	58.8	48.6
-37.5°	109.8	106.8	103.5	99.6	95.1	89.3	82.6	74.8	66.2	56.2	46.3
-40°	107.7	104.7	101.2	97.1	92.3	86.6	79.6	71.8	63.1	53.4	44.0
-42.5°	105.4	102.1	98.5	94.5	89.2	83.2	76.4	68.6	59.8	50.5	41.5
-45°	102.5	99.2	95.5	91.0	85.9	79.7	72.7	65.1	56.3	47.5	39.0
-47.5°	99.3	95.9	92.0	87.4	82.0	75.9	68.9	61.1	52.7	44.4	36.4
-50°	95.7	92.2	88.1	83.3	78.0	71.6	64.7	57.0	49.1	41.3	33.8
-52.5°	91.8	88.1	83.7	78.8	73.2	67.1	60.1	52.7	45.4	38.1	31.0
-55°	87.5	83.3	78.8	73.8	68.2	62.0	55.3	48.5	41.5	34.8	28.1
-57.5°	82.1	78.0	73.3	68.4	62.8	56.7	50.5	44.1	37.7	31.4	25.6
-60°	76.3	72.0	67.6	62.4	56.9	51.3	45.5	39.6	33.9	28.1	23.1
-62.5°	70.0	65.8	60.9	56.0	51.0	45.8	40.5	35.2	29.9	25.0	20.4
-65°	62.8	58.4	54.0	49.6	45.0	40.3	35.6	30.8	26.2	21.8	17.9
-67.5°	54.9	51.0	47.2	43.2	39.0	34.8	30.6	26.4	22.4	18.6	15.7
-70°	46.9	43.6	40.2	36.6	32.9	29.2	25.7	22.1	18.6	16.1	13.4
-72.5°	38.9	36.1	33.1	29.9	26.9	23.9	20.8	17.9	15.8	13.5	11.2
-75°	31.0	28.6	26.2	23.7	21.2	18.6	16.7	14.9	13.0	11.0	9.3
-77.5°	23.1	21.2	19.4	17.8	16.1	14.6	13.2	11.8	10.3	8.8	7.4
-80°	15.9	14.8	13.7	12.6	11.5	10.5	9.8	8.9	7.8	6.6	5.5
-82.5°	9.7	9.2	8.8	8.3	7.9	7.4	6.8	6.1	5.3	4.5	3.9
-85°	6.1	5.8	5.5	5.1	4.7	4.3	4.0	3.6	3.3	2.9	2.6
-87.5°	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	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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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°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.2	1.9	1.6	1.2	0.9	0.4	0.0
82.5°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
80°	4.5	3.8	3.2	2.5	1.7	0.9	0.0
77.5°	6.1	4.9	4.0	3.1	2.1	1.1	0.0
75°	7.7	6.2	4.8	3.7	2.5	1.3	0.0
72.5°	9.2	7.5	5.9	4.3	2.9	1.5	0.0
70°	10.8	8.8	6.9	4.9	3.3	1.7	0.0
67.5°	12.7	10.1	7.9	5.7	3.7	1.9	0.0
65°	14.6	11.5	8.9	6.4	4.1	2.1	0.0
62.5°	16.5	13.0	9.9	7.2	4.5	2.3	0.0
60°	18.3	14.5	10.8	7.9	4.9	2.4	0.0
57.5°	20.5	16.0	12.0	8.6	5.4	2.6	0.0
55°	22.6	17.4	13.1	9.3	5.8	2.8	0.0
52.5°	24.7	18.8	14.2	9.9	6.2	3.0	0.0
50°	26.7	20.5	15.2	10.6	6.7	3.1	0.0
47.5°	28.7	22.1	16.2	11.2	7.1	3.3	0.0
45°	30.9	23.7	17.2	12.0	7.5	3.5	0.0
42.5°	33.0	25.2	18.1	12.6	7.8	3.6	0.0
40°	35.0	26.6	19.1	13.3	8.2	3.8	0.0
37.5°	36.8	28.0	20.2	13.9	8.5	3.9	0.0
35°	38.6	29.4	21.2	14.4	8.9	4.0	0.0
32.5°	40.3	30.7	22.1	14.9	9.2	4.1	0.0
30°	41.9	32.0	23.1	15.4	9.4	4.2	0.0
27.5°	43.5	33.2	23.9	15.9	9.7	4.3	0.0
25°	44.9	34.2	24.6	16.3	9.9	4.4	0.0
22.5°	46.2	35.2	25.3	16.6	10.2	4.5	0.0
20°	47.3	36.1	25.9	16.9	10.4	4.6	0.0
17.5°	48.4	36.9	26.5	17.2	10.5	4.7	0.0
15°	49.3	37.6	27.0	17.4	10.7	4.7	0.0
12.5°	50.1	38.2	27.4	17.6	10.8	4.8	0.0
10°	50.7	38.6	27.8	17.7	10.9	4.8	0.0
7.5°	51.2	39.0	28.0	17.8	11.0	4.9	0.0
5°	51.6	39.3	28.2	17.9	11.1	4.9	0.0
2.5°	51.8	39.4	28.4	17.9	11.1	4.9	0.0
0°	51.9	39.5	28.4	17.9	11.1	4.9	0.0
-2.5°	51.8	39.4	28.4	17.9	11.1	4.9	0.0
-5°	51.6	39.3	28.2	17.9	11.1	4.9	0.0
-7.5°	51.2	39.0	28.0	17.8	11.0	4.9	0.0
-10°	50.7	38.6	27.8	17.7	10.9	4.8	0.0
-12.5°	50.1	38.2	27.4	17.6	10.8	4.8	0.0
-15°	49.3	37.6	27.0	17.4	10.7	4.7	0.0
-17.5°	48.4	36.9	26.5	17.2	10.5	4.7	0.0
-20°	47.3	36.1	25.9	16.9	10.4	4.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.2	35.2	25.3	16.6	10.2	4.5	0.0
-25°	44.9	34.2	24.6	16.3	9.9	4.4	0.0
-27.5°	43.5	33.2	23.9	15.9	9.7	4.3	0.0
-30°	41.9	32.0	23.1	15.4	9.4	4.2	0.0
-32.5°	40.3	30.7	22.1	14.9	9.2	4.1	0.0
-35°	38.6	29.4	21.2	14.4	8.9	4.0	0.0
-37.5°	36.8	28.0	20.2	13.9	8.5	3.9	0.0
-40°	35.0	26.6	19.1	13.3	8.2	3.8	0.0
-42.5°	33.0	25.2	18.1	12.6	7.8	3.6	0.0
-45°	30.9	23.7	17.2	12.0	7.5	3.5	0.0
-47.5°	28.7	22.1	16.2	11.2	7.1	3.3	0.0
-50°	26.7	20.5	15.2	10.6	6.7	3.1	0.0
-52.5°	24.7	18.8	14.2	9.9	6.2	3.0	0.0
-55°	22.6	17.4	13.1	9.3	5.8	2.8	0.0
-57.5°	20.5	16.0	12.0	8.6	5.4	2.6	0.0
-60°	18.3	14.5	10.8	7.9	4.9	2.4	0.0
-62.5°	16.5	13.0	9.9	7.2	4.5	2.3	0.0
-65°	14.6	11.5	8.9	6.4	4.1	2.1	0.0
-67.5°	12.7	10.1	7.9	5.7	3.7	1.9	0.0
-70°	10.8	8.8	6.9	4.9	3.3	1.7	0.0
-72.5°	9.2	7.5	5.9	4.3	2.9	1.5	0.0
-75°	7.7	6.2	4.8	3.7	2.5	1.3	0.0
-77.5°	6.1	4.9	4.0	3.1	2.1	1.1	0.0
-80°	4.5	3.8	3.2	2.5	1.7	0.9	0.0
-82.5°	3.3	2.9	2.4	1.9	1.3	0.6	0.0
-85°	2.2	1.9	1.6	1.2	0.9	0.4	0.0
-87.5°	1.1	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)