

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: P558599 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558599 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-930-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

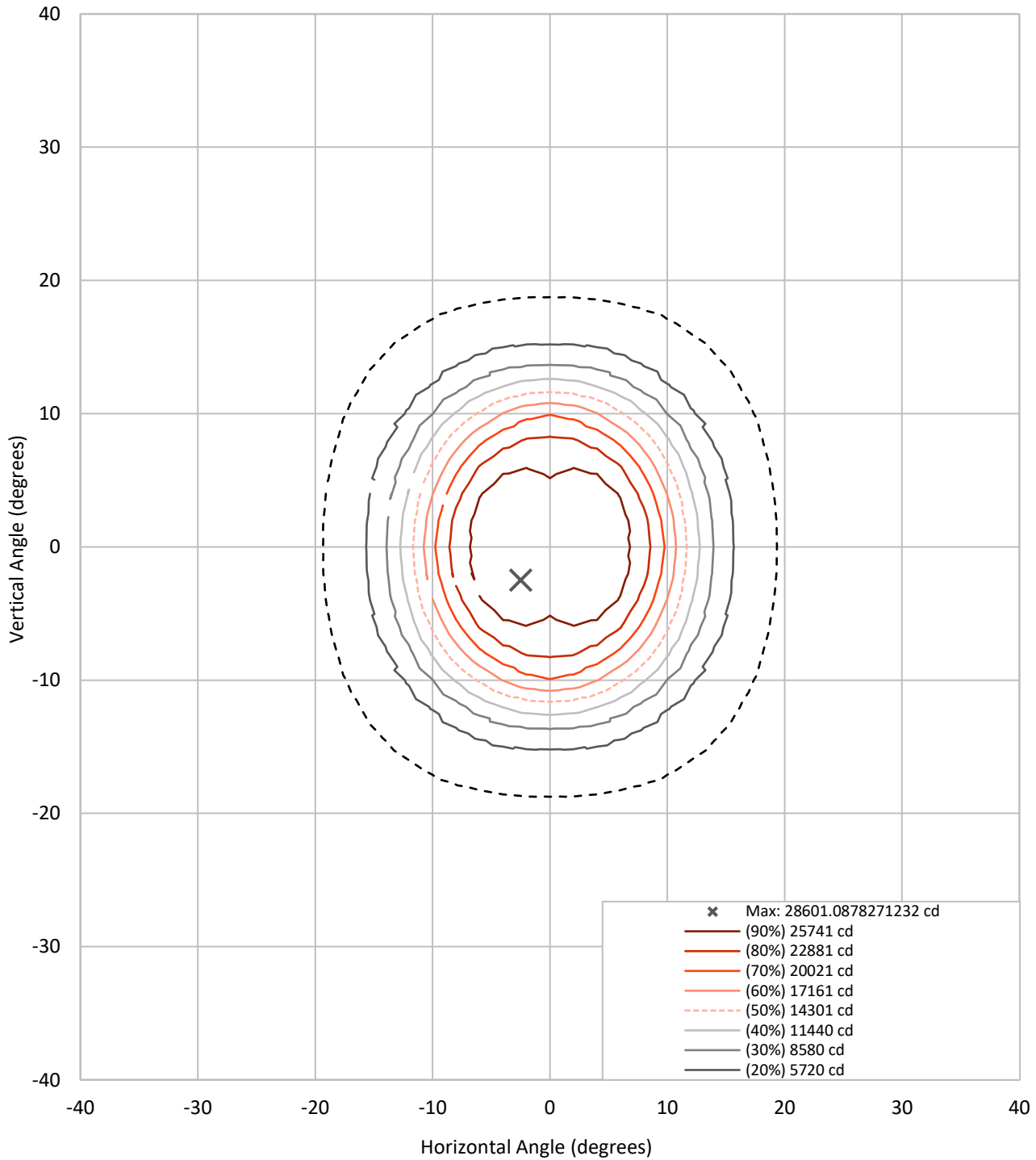
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5408.4 lumens	Max Intensity:	28601.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	84.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2919.8 lumens	Field Lumens:	4403.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





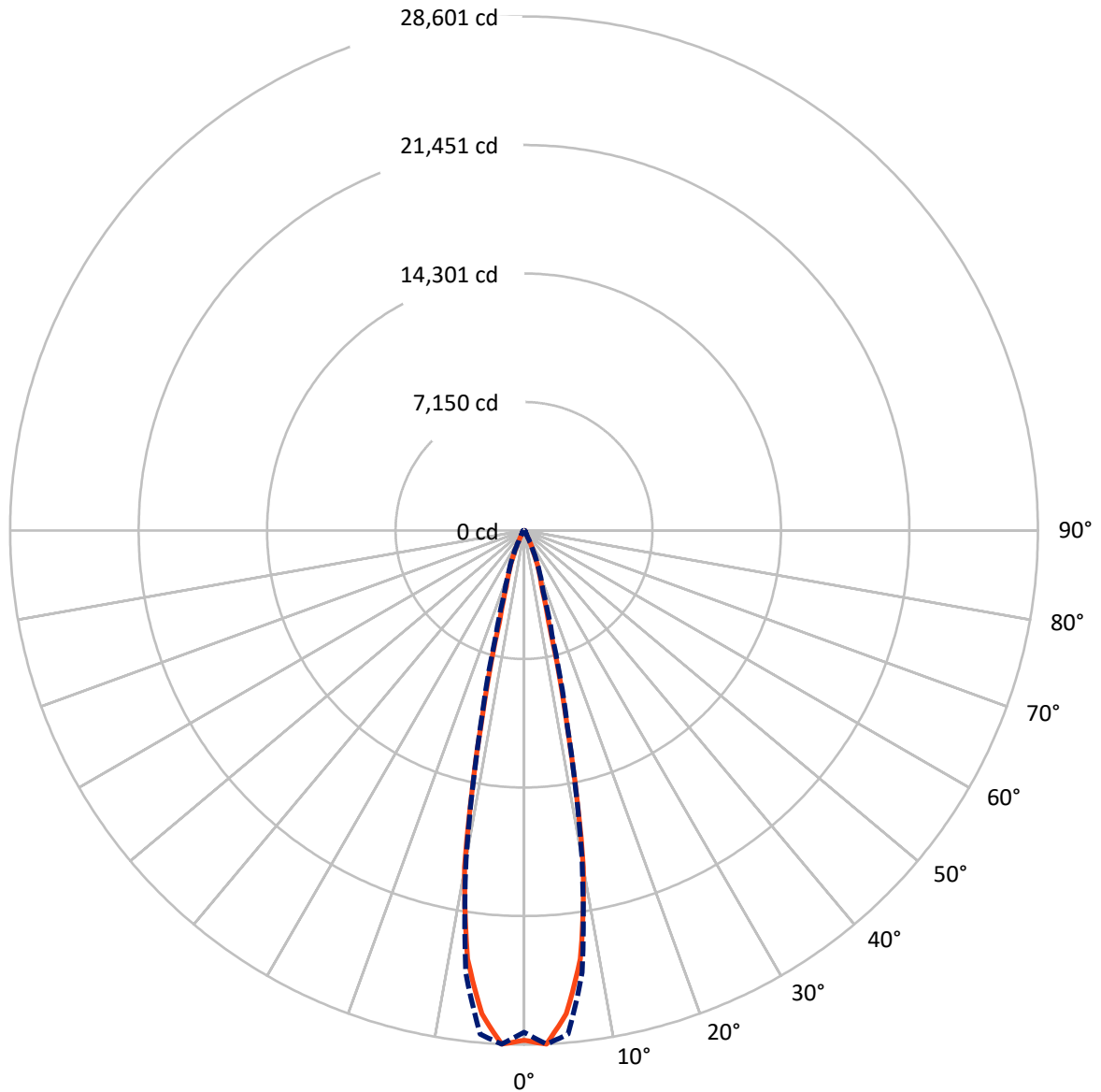
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Lumen Table

90	0.1	0.5		1.5		2.3		2.7		2.3		1.5		0.5		0.1
80	0.1	0.5		1.5		2.3		2.7		2.3		1.5		0.5		0.1
70	0.3	0.3	0.6	0.9	1.3	1.6	1.8	2.0	2.0	1.8	1.6	1.3	0.9	0.6	0.3	0.3
60		0.4	0.9	1.3	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.3	0.9	0.4	
50	0.5	0.6	1.1	1.6	2.1	2.5	2.9	3.1	3.1	2.9	2.5	2.1	1.6	1.1	0.6	0.5
40		0.7	1.3	1.8	2.5	3.4	4.4	5.3	5.3	4.4	3.4	2.5	1.8	1.3	0.7	
30	0.6	0.8	1.4	2.0	3.1	5.5	16.6	32.4	32.4	16.6	5.5	3.1	2.0	1.4	0.8	0.6
20		0.8	1.4	2.1	3.8	16.4	75.7	194.7	194.7	75.7	16.4	3.8	2.1	1.4	0.8	
10	0.7	0.8	1.4	2.2	4.6	32.0	197.2	696.6	696.6	197.2	32.0	4.6	2.2	1.4	0.8	0.7
0		0.8	1.4	2.2	4.6	32.0	197.2	696.6	696.6	197.2	32.0	4.6	2.2	1.4	0.8	
-10	0.6	0.8	1.4	2.1	3.8	16.4	75.7	194.7	194.7	75.7	16.4	3.8	2.1	1.4	0.8	0.6
-20		0.8	1.4	2.0	3.1	5.5	16.6	32.4	32.4	16.6	5.5	3.1	2.0	1.4	0.8	
-30	0.5	0.7	1.3	1.8	2.5	3.4	4.4	5.3	5.3	4.4	3.4	2.5	1.8	1.3	0.7	0.5
-40		0.6	1.1	1.6	2.1	2.5	2.9	3.1	3.1	2.9	2.5	2.1	1.6	1.1	0.6	
-50	0.3	0.4	0.9	1.3	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.3	0.9	0.4	0.3
-60		0.3	0.6	0.9	1.3	1.6	1.8	2.0	2.0	1.8	1.6	1.3	0.9	0.6	0.3	
-70	0.1	0.5		1.5		2.3		2.7		2.3		1.5		0.5		0.1
-80		0.5		1.5		2.3		2.7		2.3		1.5		0.5		
-90	0.1	0.5		1.5		2.3		2.7		2.3		1.5		0.5		0.1

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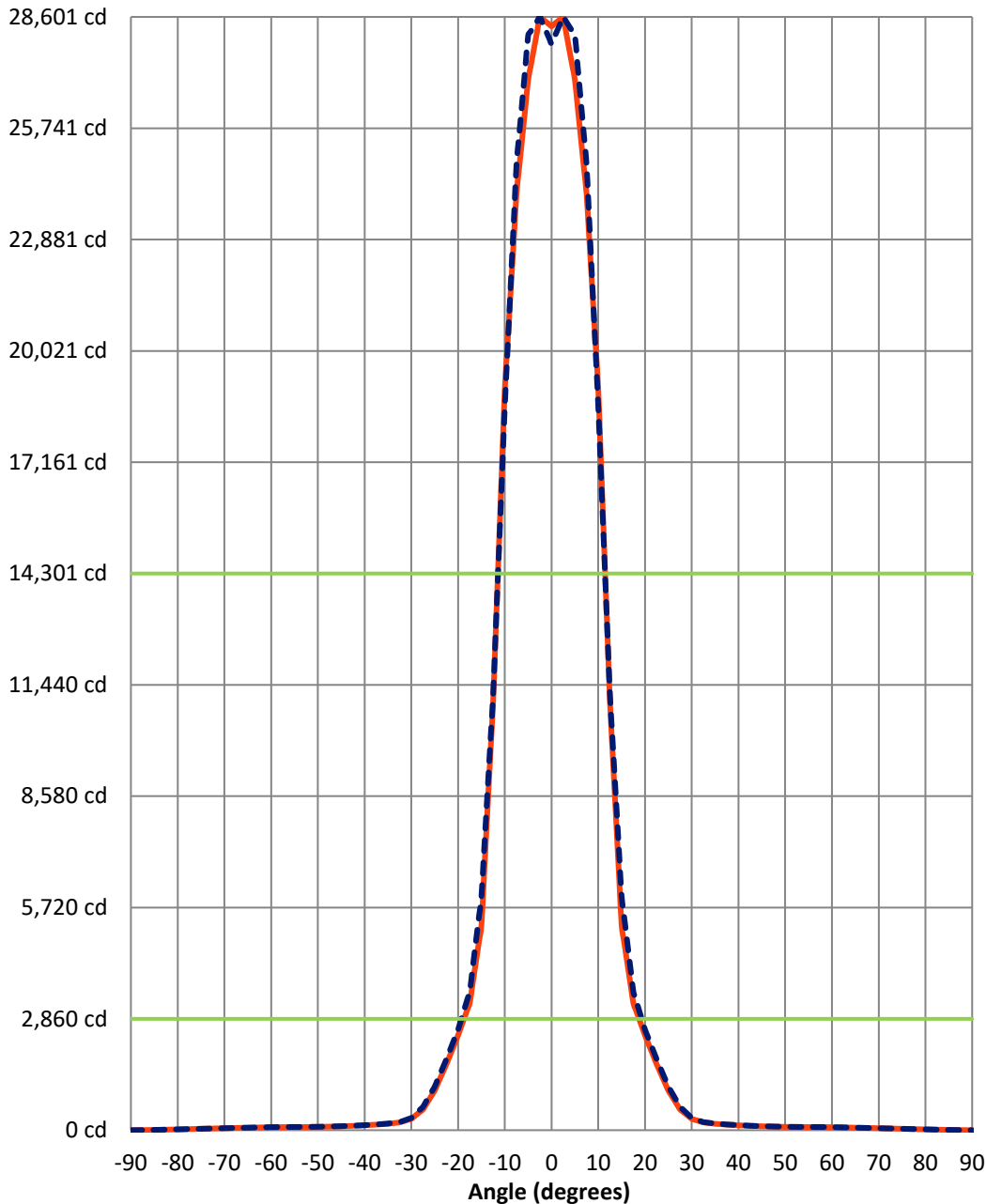
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 2919.8
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 4403.3
 Efficiency: 81.4%

Spill:
 Lumens: 1005.1
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	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	3.1	3.9	4.8	5.6	6.5
77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.3	5.3	6.4	7.5	8.6
75°	0.0	0.8	1.6	2.3	3.1	4.4	5.5	6.7	8.0	9.5	10.9
72.5°	0.0	0.9	1.8	2.7	4.0	5.3	6.6	8.1	9.9	11.6	13.3
70°	0.0	1.0	2.0	3.1	4.8	6.3	7.8	9.9	11.9	13.8	16.0
67.5°	0.0	1.1	2.3	3.7	5.6	7.3	9.3	11.5	13.8	16.3	18.8
65°	0.0	1.3	2.5	4.3	6.3	8.4	10.8	13.2	16.0	18.8	21.6
62.5°	0.0	1.4	2.8	4.9	7.1	9.5	12.2	15.0	18.1	21.2	24.5
60°	0.0	1.5	3.0	5.5	7.9	10.7	13.5	16.9	20.3	23.8	27.4
57.5°	0.0	1.6	3.4	6.1	8.7	11.8	15.1	18.7	22.5	26.4	30.2
55°	0.0	1.7	3.7	6.6	9.6	12.8	16.6	20.5	24.7	28.8	32.9
52.5°	0.0	1.8	4.1	7.2	10.4	13.9	18.1	22.4	26.8	31.3	35.6
50°	0.0	1.9	4.5	7.7	11.2	15.1	19.5	24.2	28.9	33.6	38.3
47.5°	0.0	2.0	4.8	8.2	12.0	16.2	20.9	26.0	30.9	35.8	40.9
45°	0.0	2.1	5.1	8.7	12.7	17.3	22.4	27.7	32.9	38.1	43.5
42.5°	0.0	2.2	5.4	9.3	13.4	18.4	23.8	29.4	34.8	40.4	45.8
40°	0.0	2.3	5.7	9.8	14.1	19.4	25.2	31.0	36.6	42.5	47.9
37.5°	0.0	2.4	6.0	10.2	14.9	20.4	26.5	32.5	38.4	44.5	49.9
35°	0.0	2.5	6.3	10.6	15.6	21.4	27.8	33.9	40.1	46.2	51.9
32.5°	0.0	2.5	6.5	11.1	16.3	22.4	29.0	35.2	41.7	47.8	53.7
30°	0.0	2.6	6.7	11.4	16.9	23.3	30.0	36.5	43.1	49.3	55.5
27.5°	0.0	2.7	6.9	11.8	17.5	24.1	31.0	37.7	44.5	50.7	57.0
25°	0.0	2.7	7.1	12.1	18.1	24.9	32.0	38.8	45.6	51.9	58.4
22.5°	0.0	2.8	7.3	12.4	18.6	25.7	32.8	39.8	46.6	53.1	59.6
20°	0.0	2.8	7.5	12.7	19.1	26.3	33.6	40.7	47.5	54.1	60.7
17.5°	0.0	2.9	7.6	12.9	19.6	26.9	34.2	41.5	48.4	54.9	61.6
15°	0.0	2.9	7.8	13.1	19.9	27.4	34.8	42.1	49.1	55.6	62.4
12.5°	0.0	2.9	7.9	13.3	20.3	27.9	35.3	42.7	49.7	56.2	63.1
10°	0.0	3.0	7.9	13.4	20.6	28.2	35.7	43.2	50.2	56.8	63.6
7.5°	0.0	3.0	8.0	13.6	20.8	28.5	36.0	43.5	50.6	57.3	64.0
5°	0.0	3.0	8.1	13.6	21.0	28.7	36.2	43.8	50.9	57.7	64.2
2.5°	0.0	3.0	8.1	13.7	21.1	28.8	36.4	43.9	51.0	58.0	64.3
0°	0.0	3.0	8.1	13.7	21.2	28.8	36.4	44.0	51.1	58.2	64.2
-2.5°	0.0	3.0	8.1	13.7	21.2	28.8	36.4	44.0	51.1	58.2	64.2
-5°	0.0	3.0	8.1	13.6	21.0	28.7	36.2	43.8	50.9	57.7	64.2
-7.5°	0.0	3.0	8.0	13.6	20.8	28.5	36.0	43.5	50.6	57.3	64.0
-10°	0.0	3.0	7.9	13.4	20.6	28.2	35.7	43.2	50.2	56.8	63.6
-12.5°	0.0	2.9	7.9	13.3	20.3	27.9	35.3	42.7	49.7	56.2	63.1
-15°	0.0	2.9	7.8	13.1	19.9	27.4	34.8	42.1	49.1	55.6	62.4
-17.5°	0.0	2.9	7.6	12.9	19.6	26.9	34.2	41.5	48.4	54.9	61.6
-20°	0.0	2.8	7.5	12.7	19.1	26.3	33.6	40.7	47.5	54.1	60.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.3	12.4	18.6	25.7	32.8	39.8	46.6	53.1	59.6
-25°	0.0	2.7	7.1	12.1	18.1	24.9	32.0	38.8	45.6	51.9	58.4
-27.5°	0.0	2.7	6.9	11.8	17.5	24.1	31.0	37.7	44.5	50.7	57.0
-30°	0.0	2.6	6.7	11.4	16.9	23.3	30.0	36.5	43.1	49.3	55.5
-32.5°	0.0	2.5	6.5	11.1	16.3	22.4	29.0	35.2	41.7	47.8	53.7
-35°	0.0	2.5	6.3	10.6	15.6	21.4	27.8	33.9	40.1	46.2	51.9
-37.5°	0.0	2.4	6.0	10.2	14.9	20.4	26.5	32.5	38.4	44.5	49.9
-40°	0.0	2.3	5.7	9.8	14.1	19.4	25.2	31.0	36.6	42.5	47.9
-42.5°	0.0	2.2	5.4	9.3	13.4	18.4	23.8	29.4	34.8	40.4	45.8
-45°	0.0	2.1	5.1	8.7	12.7	17.3	22.4	27.7	32.9	38.1	43.5
-47.5°	0.0	2.0	4.8	8.2	12.0	16.2	20.9	26.0	30.9	35.8	40.9
-50°	0.0	1.9	4.5	7.7	11.2	15.1	19.5	24.2	28.9	33.6	38.3
-52.5°	0.0	1.8	4.1	7.2	10.4	13.9	18.1	22.4	26.8	31.3	35.6
-55°	0.0	1.7	3.7	6.6	9.6	12.8	16.6	20.5	24.7	28.8	32.9
-57.5°	0.0	1.6	3.4	6.1	8.7	11.8	15.1	18.7	22.5	26.4	30.2
-60°	0.0	1.5	3.0	5.5	7.9	10.7	13.5	16.9	20.3	23.8	27.4
-62.5°	0.0	1.4	2.8	4.9	7.1	9.5	12.2	15.0	18.1	21.2	24.5
-65°	0.0	1.3	2.5	4.3	6.3	8.4	10.8	13.2	16.0	18.8	21.6
-67.5°	0.0	1.1	2.3	3.7	5.6	7.3	9.3	11.5	13.8	16.3	18.8
-70°	0.0	1.0	2.0	3.1	4.8	6.3	7.8	9.9	11.9	13.8	16.0
-72.5°	0.0	0.9	1.8	2.7	4.0	5.3	6.6	8.1	9.9	11.6	13.3
-75°	0.0	0.8	1.6	2.3	3.1	4.4	5.5	6.7	8.0	9.5	10.9
-77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.3	5.3	6.4	7.5	8.6
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.9	4.8	5.6	6.5
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.7	4.3
-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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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	3.3	3.7	4.0	4.2	4.5	4.7	5.0	5.3	5.6
82.5°	4.9	5.4	5.9	6.3	6.7	7.0	7.4	7.9	8.5	9.1	9.7
80°	7.2	7.8	8.6	9.4	10.1	10.9	11.7	12.5	13.2	13.9	14.6
77.5°	9.7	10.7	11.7	12.8	13.9	15.1	16.2	17.3	18.4	19.4	20.4
75°	12.3	13.6	15.1	16.6	18.1	19.5	20.9	22.4	23.7	25.1	26.3
72.5°	15.0	16.9	18.7	20.5	22.5	24.3	26.1	27.7	29.4	31.1	32.6
70°	18.1	20.3	22.6	24.9	27.2	29.3	31.3	33.4	35.5	37.3	38.9
67.5°	21.2	23.9	26.6	29.2	31.7	34.1	36.6	38.9	41.1	43.0	44.8
65°	24.5	27.5	30.4	33.3	36.1	38.9	41.6	44.2	46.5	48.6	50.6
62.5°	27.7	31.0	34.2	37.4	40.6	43.7	46.6	49.2	51.8	54.1	56.2
60°	30.9	34.4	37.9	41.5	45.0	48.3	51.3	54.1	56.7	59.3	61.5
57.5°	34.0	37.7	41.6	45.4	49.1	52.7	55.7	58.7	61.4	64.0	66.3
55°	37.0	41.0	45.1	49.2	53.1	56.7	60.0	63.0	65.8	68.1	70.3
52.5°	40.0	44.2	48.5	52.7	56.7	60.5	63.9	66.9	69.5	71.8	73.8
50°	42.9	47.3	51.8	56.1	60.2	64.0	67.4	70.3	72.8	75.0	76.8
47.5°	45.7	50.3	54.8	59.2	63.4	67.1	70.5	73.2	75.7	77.6	79.3
45°	48.3	53.1	57.7	62.1	66.3	70.0	73.1	75.9	78.1	80.1	81.9
42.5°	50.8	55.9	60.5	64.9	69.0	72.6	75.7	78.2	80.4	82.4	84.4
40°	53.2	58.5	63.2	67.4	71.5	74.9	77.8	80.3	82.6	84.8	86.9
37.5°	55.6	60.9	65.8	70.0	73.6	77.0	79.8	82.4	84.9	87.3	90.1
35°	57.8	63.2	68.1	72.3	75.8	78.7	81.6	84.5	87.3	90.4	93.7
32.5°	59.9	65.4	70.3	74.3	77.5	80.5	83.5	86.8	90.3	93.8	97.9
30°	61.7	67.4	72.3	76.1	79.1	82.0	85.6	89.4	93.5	97.5	102.2
27.5°	63.3	69.2	73.9	77.5	80.4	83.3	87.2	92.2	96.6	100.9	106.0
25°	64.8	70.7	75.3	78.6	81.5	84.5	88.6	93.7	99.3	103.9	111.1
22.5°	66.1	72.1	76.6	79.7	82.3	85.5	89.7	94.7	100.5	106.3	116.3
20°	67.2	73.1	77.7	80.6	82.9	86.3	90.2	95.5	101.8	110.3	121.4
17.5°	68.1	74.1	78.5	81.2	83.6	86.8	90.4	95.9	103.2	113.8	126.0
15°	68.9	75.1	79.2	81.7	84.2	87.3	91.3	96.9	105.4	117.1	130.2
12.5°	69.6	76.0	79.8	82.1	84.6	87.7	92.2	98.6	108.0	120.4	134.9
10°	70.1	76.9	80.3	82.5	84.8	88.0	93.0	100.0	110.2	123.5	139.1
7.5°	70.6	77.6	80.6	82.7	84.8	88.1	93.6	100.9	111.8	126.0	142.5
5°	71.0	78.0	80.9	82.9	84.8	88.2	94.1	101.5	112.8	127.9	145.1
2.5°	71.2	78.3	81.2	83.0	84.7	88.1	94.5	102.5	114.0	129.3	146.7
0°	71.3	78.4	81.4	83.0	84.5	88.0	94.6	103.2	114.8	130.0	147.2
-2.5°	71.2	78.3	81.2	83.0	84.7	88.1	94.5	102.5	114.0	129.3	146.7
-5°	71.0	78.0	80.9	82.9	84.8	88.2	94.1	101.5	112.8	127.9	145.1
-7.5°	70.6	77.6	80.6	82.7	84.8	88.1	93.6	100.9	111.8	126.0	142.5
-10°	70.1	76.9	80.3	82.5	84.8	88.0	93.0	100.0	110.2	123.5	139.1
-12.5°	69.6	76.0	79.8	82.1	84.6	87.7	92.2	98.6	108.0	120.4	134.9
-15°	68.9	75.1	79.2	81.7	84.2	87.3	91.3	96.9	105.4	117.1	130.2
-17.5°	68.1	74.1	78.5	81.2	83.6	86.8	90.4	95.9	103.2	113.8	126.0
-20°	67.2	73.1	77.7	80.6	82.9	86.3	90.2	95.5	101.8	110.3	121.4



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 CATALOG NUMBER: GFLD-SA1E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	66.1	72.1	76.6	79.7	82.3	85.5	89.7	94.7	100.5	106.3	116.3
-25°	64.8	70.7	75.3	78.6	81.5	84.5	88.6	93.7	99.3	103.9	111.1
-27.5°	63.3	69.2	73.9	77.5	80.4	83.3	87.2	92.2	96.6	100.9	106.0
-30°	61.7	67.4	72.3	76.1	79.1	82.0	85.6	89.4	93.5	97.5	102.2
-32.5°	59.9	65.4	70.3	74.3	77.5	80.5	83.5	86.8	90.3	93.8	97.9
-35°	57.8	63.2	68.1	72.3	75.8	78.7	81.6	84.5	87.3	90.4	93.7
-37.5°	55.6	60.9	65.8	70.0	73.6	77.0	79.8	82.4	84.9	87.3	90.1
-40°	53.2	58.5	63.2	67.4	71.5	74.9	77.8	80.3	82.6	84.8	86.9
-42.5°	50.8	55.9	60.5	64.9	69.0	72.6	75.7	78.2	80.4	82.4	84.4
-45°	48.3	53.1	57.7	62.1	66.3	70.0	73.1	75.9	78.1	80.1	81.9
-47.5°	45.7	50.3	54.8	59.2	63.4	67.1	70.5	73.2	75.7	77.6	79.3
-50°	42.9	47.3	51.8	56.1	60.2	64.0	67.4	70.3	72.8	75.0	76.8
-52.5°	40.0	44.2	48.5	52.7	56.7	60.5	63.9	66.9	69.5	71.8	73.8
-55°	37.0	41.0	45.1	49.2	53.1	56.7	60.0	63.0	65.8	68.1	70.3
-57.5°	34.0	37.7	41.6	45.4	49.1	52.7	55.7	58.7	61.4	64.0	66.3
-60°	30.9	34.4	37.9	41.5	45.0	48.3	51.3	54.1	56.7	59.3	61.5
-62.5°	27.7	31.0	34.2	37.4	40.6	43.7	46.6	49.2	51.8	54.1	56.2
-65°	24.5	27.5	30.4	33.3	36.1	38.9	41.6	44.2	46.5	48.6	50.6
-67.5°	21.2	23.9	26.6	29.2	31.7	34.1	36.6	38.9	41.1	43.0	44.8
-70°	18.1	20.3	22.6	24.9	27.2	29.3	31.3	33.4	35.5	37.3	38.9
-72.5°	15.0	16.9	18.7	20.5	22.5	24.3	26.1	27.7	29.4	31.1	32.6
-75°	12.3	13.6	15.1	16.6	18.1	19.5	20.9	22.4	23.7	25.1	26.3
-77.5°	9.7	10.7	11.7	12.8	13.9	15.1	16.2	17.3	18.4	19.4	20.4
-80°	7.2	7.8	8.6	9.4	10.1	10.9	11.7	12.5	13.2	13.9	14.6
-82.5°	4.9	5.4	5.9	6.3	6.7	7.0	7.4	7.9	8.5	9.1	9.7
-85°	2.8	3.0	3.3	3.7	4.0	4.2	4.5	4.7	5.0	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



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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	2.4	2.6	2.7	2.9	2.9	3.0
85°	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.2	7.3	7.5	7.7
82.5°	10.1	10.6	10.9	11.3	11.6	12.0	12.4	12.7	13.1	13.3	13.4
80°	15.2	15.9	16.5	17.1	17.6	18.2	18.7	19.3	19.7	20.0	20.3
77.5°	21.3	22.2	23.0	23.8	24.5	25.2	25.7	26.2	26.6	27.0	27.5
75°	27.5	28.6	29.7	30.7	31.6	32.3	33.0	33.6	34.2	34.7	35.2
72.5°	34.0	35.3	36.5	37.6	38.6	39.6	40.5	41.3	42.0	42.6	43.1
70°	40.3	41.8	43.2	44.5	45.7	46.8	47.8	48.7	49.4	50.1	50.6
67.5°	46.4	48.0	49.6	51.1	52.4	53.6	54.7	55.8	56.7	57.4	57.9
65°	52.5	54.3	56.0	57.5	58.9	60.1	61.4	62.4	63.4	64.1	64.5
62.5°	58.4	60.3	62.0	63.6	65.1	66.4	67.4	68.4	69.3	70.1	70.5
60°	63.6	65.6	67.2	68.7	70.1	71.3	72.4	73.5	74.4	75.3	76.0
57.5°	68.2	70.1	71.7	73.1	74.3	75.5	76.5	77.4	78.0	78.6	79.0
55°	72.3	73.9	75.5	76.8	77.9	78.8	79.5	80.2	80.7	81.0	81.3
52.5°	75.7	77.3	78.8	80.0	80.9	81.7	82.4	83.1	83.5	83.6	83.5
50°	78.5	80.1	81.5	82.7	83.8	85.1	86.4	87.0	87.3	87.1	86.9
47.5°	81.0	82.6	84.1	85.5	87.2	89.3	91.5	92.5	92.4	92.0	91.8
45°	83.6	85.3	87.0	89.2	91.5	94.3	96.8	98.4	98.4	98.5	98.8
42.5°	86.1	88.3	90.7	93.7	96.7	99.8	102.5	104.4	105.9	107.7	109.2
40°	89.3	91.8	95.3	99.0	102.9	106.2	110.4	114.0	117.0	119.6	121.7
37.5°	93.1	96.5	101.0	105.8	110.9	116.1	121.0	125.5	129.4	133.8	137.1
35°	97.6	102.5	108.0	114.0	120.3	126.8	133.1	140.3	146.7	152.4	157.1
32.5°	102.8	108.7	115.6	123.4	131.3	140.0	149.0	158.3	167.3	176.7	186.0
30°	108.1	115.9	124.6	134.1	143.5	154.8	166.5	181.8	197.7	216.0	244.0
27.5°	114.5	123.9	134.0	144.9	157.8	172.2	194.9	223.1	271.2	307.1	403.6
25°	120.9	131.5	144.5	158.7	176.0	202.4	256.5	319.1	458.5	589.0	739.7
22.5°	127.2	140.5	156.1	173.4	203.5	271.3	374.4	563.1	778.5	1007.0	1239.8
20°	133.6	149.3	168.8	197.8	260.6	376.7	608.1	911.3	1217.3	1591.1	1914.4
17.5°	140.9	160.3	185.8	229.4	332.9	581.7	923.9	1344.7	1818.2	2298.8	2702.3
15°	146.9	169.6	203.7	289.0	484.3	814.4	1262.2	1832.6	2478.3	3085.9	3604.0
12.5°	153.5	180.0	224.9	337.3	624.0	1058.0	1648.1	2350.1	3124.7	3957.2	5275.2
10°	159.6	190.4	260.3	437.7	785.1	1304.2	1993.8	2784.8	3724.1	5390.8	8506.5
7.5°	164.7	198.6	286.8	512.4	930.8	1536.5	2275.6	3156.4	4568.7	7368.8	12611.8
5°	168.2	204.1	305.3	568.4	1046.9	1707.8	2455.7	3401.1	5430.3	9786.7	16099.8
2.5°	170.7	207.0	315.2	601.0	1120.4	1821.2	2583.3	3565.8	6008.8	11185.3	18581.8
0°	172.5	207.9	317.2	629.3	1145.3	1859.6	2589.6	3610.0	6207.1	11731.3	19466.2
-2.5°	170.7	207.0	315.2	601.0	1120.4	1821.2	2583.3	3565.8	6008.8	11185.3	18581.8
-5°	168.2	204.1	305.3	568.4	1046.9	1707.8	2455.7	3401.1	5430.3	9786.7	16099.8
-7.5°	164.7	198.6	286.8	512.4	930.8	1536.5	2275.6	3156.4	4568.7	7368.8	12611.8
-10°	159.6	190.4	260.3	437.7	785.1	1304.2	1993.8	2784.8	3724.1	5390.8	8506.5
-12.5°	153.5	180.0	224.9	337.3	624.0	1058.0	1648.1	2350.1	3124.7	3957.2	5275.2
-15°	146.9	169.6	203.7	289.0	484.3	814.4	1262.2	1832.6	2478.3	3085.9	3604.0
-17.5°	140.9	160.3	185.8	229.4	332.9	581.7	923.9	1344.7	1818.2	2298.8	2702.3
-20°	133.6	149.3	168.8	197.8	260.6	376.7	608.1	911.3	1217.3	1591.1	1914.4



REPORT NUMBER: P558599 (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°	127.2	140.5	156.1	173.4	203.5	271.3	374.4	563.1	778.5	1007.0	1239.8
-25°	120.9	131.5	144.5	158.7	176.0	202.4	256.5	319.1	458.5	589.0	739.7
-27.5°	114.5	123.9	134.0	144.9	157.8	172.2	194.9	223.1	271.2	307.1	403.6
-30°	108.1	115.9	124.6	134.1	143.5	154.8	166.5	181.8	197.7	216.0	244.0
-32.5°	102.8	108.7	115.6	123.4	131.3	140.0	149.0	158.3	167.3	176.7	186.0
-35°	97.6	102.5	108.0	114.0	120.3	126.8	133.1	140.3	146.7	152.4	157.1
-37.5°	93.1	96.5	101.0	105.8	110.9	116.1	121.0	125.5	129.4	133.8	137.1
-40°	89.3	91.8	95.3	99.0	102.9	106.2	110.4	114.0	117.0	119.6	121.7
-42.5°	86.1	88.3	90.7	93.7	96.7	99.8	102.5	104.4	105.9	107.7	109.2
-45°	83.6	85.3	87.0	89.2	91.5	94.3	96.8	98.4	98.4	98.5	98.8
-47.5°	81.0	82.6	84.1	85.5	87.2	89.3	91.5	92.5	92.4	92.0	91.8
-50°	78.5	80.1	81.5	82.7	83.8	85.1	86.4	87.0	87.3	87.1	86.9
-52.5°	75.7	77.3	78.8	80.0	80.9	81.7	82.4	83.1	83.5	83.6	83.5
-55°	72.3	73.9	75.5	76.8	77.9	78.8	79.5	80.2	80.7	81.0	81.3
-57.5°	68.2	70.1	71.7	73.1	74.3	75.5	76.5	77.4	78.0	78.6	79.0
-60°	63.6	65.6	67.2	68.7	70.1	71.3	72.4	73.5	74.4	75.3	76.0
-62.5°	58.4	60.3	62.0	63.6	65.1	66.4	67.4	68.4	69.3	70.1	70.5
-65°	52.5	54.3	56.0	57.5	58.9	60.1	61.4	62.4	63.4	64.1	64.5
-67.5°	46.4	48.0	49.6	51.1	52.4	53.6	54.7	55.8	56.7	57.4	57.9
-70°	40.3	41.8	43.2	44.5	45.7	46.8	47.8	48.7	49.4	50.1	50.6
-72.5°	34.0	35.3	36.5	37.6	38.6	39.6	40.5	41.3	42.0	42.6	43.1
-75°	27.5	28.6	29.7	30.7	31.6	32.3	33.0	33.6	34.2	34.7	35.2
-77.5°	21.3	22.2	23.0	23.8	24.5	25.2	25.7	26.2	26.6	27.0	27.5
-80°	15.2	15.9	16.5	17.1	17.6	18.2	18.7	19.3	19.7	20.0	20.3
-82.5°	10.1	10.6	10.9	11.3	11.6	12.0	12.4	12.7	13.1	13.3	13.4
-85°	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.2	7.3	7.5	7.7
-87.5°	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.7	2.9	2.9	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



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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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.7
85°	7.9	8.1	7.8	7.6	7.8	8.1	7.9	7.7	7.5	7.3	7.2
82.5°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.4	13.3	13.1	12.7
80°	20.5	20.6	20.9	21.2	20.9	20.6	20.5	20.3	20.0	19.7	19.3
77.5°	27.8	28.1	28.3	28.3	28.3	28.1	27.8	27.5	27.0	26.6	26.2
75°	35.5	35.7	36.3	36.9	36.3	35.7	35.5	35.2	34.7	34.2	33.6
72.5°	43.5	43.8	44.2	44.5	44.2	43.8	43.5	43.1	42.6	42.0	41.3
70°	51.1	51.4	51.5	51.6	51.5	51.4	51.1	50.6	50.1	49.4	48.7
67.5°	58.3	58.5	58.4	58.2	58.4	58.5	58.3	57.9	57.4	56.7	55.8
65°	64.9	65.1	65.0	64.8	65.0	65.1	64.9	64.5	64.1	63.4	62.4
62.5°	70.9	71.1	71.2	71.3	71.2	71.1	70.9	70.5	70.1	69.3	68.4
60°	76.6	77.1	77.3	77.4	77.3	77.1	76.6	76.0	75.3	74.4	73.5
57.5°	79.4	79.7	79.9	79.9	79.9	79.7	79.4	79.0	78.6	78.0	77.4
55°	81.4	81.4	81.2	80.9	81.2	81.4	81.4	81.3	81.0	80.7	80.2
52.5°	83.4	83.1	83.0	83.0	83.0	83.1	83.4	83.5	83.6	83.5	83.1
50°	86.6	86.1	85.9	86.0	85.9	86.1	86.6	86.9	87.1	87.3	87.0
47.5°	92.1	92.3	92.5	92.6	92.5	92.3	92.1	91.8	92.0	92.4	92.5
45°	99.9	100.6	101.0	101.2	101.0	100.6	99.9	98.8	98.5	98.4	98.4
42.5°	110.7	111.6	111.9	111.8	111.9	111.6	110.7	109.2	107.7	105.9	104.4
40°	123.8	125.5	126.5	126.5	126.5	125.5	123.8	121.7	119.6	117.0	114.0
37.5°	140.1	142.4	143.5	143.2	143.5	142.4	140.1	137.1	133.8	129.4	125.5
35°	160.6	162.9	163.8	164.9	163.8	162.9	160.6	157.1	152.4	146.7	140.3
32.5°	193.4	198.0	199.8	197.3	199.8	198.0	193.4	186.0	176.7	167.3	158.3
30°	262.9	279.7	290.9	296.4	290.9	279.7	262.9	244.0	216.0	197.7	181.8
27.5°	470.0	513.9	532.5	542.8	532.5	513.9	470.0	403.6	307.1	271.2	223.1
25°	868.8	962.7	1016.7	1012.3	1016.7	962.7	868.8	739.7	589.0	458.5	319.1
22.5°	1456.1	1604.1	1692.9	1725.6	1692.9	1604.1	1456.1	1239.8	1007.0	778.5	563.1
20°	2184.2	2350.2	2436.9	2450.0	2436.9	2350.2	2184.2	1914.4	1591.1	1217.3	911.3
17.5°	3019.8	3177.2	3268.6	3267.5	3268.6	3177.2	3019.8	2702.3	2298.8	1818.2	1344.7
15°	4309.8	4918.9	5262.2	5212.1	5262.2	4918.9	4309.8	3604.0	3085.9	2478.3	1832.6
12.5°	7062.0	9494.3	11003.1	11375.7	11003.1	9494.3	7062.0	5275.2	3957.2	3124.7	2350.1
10°	12479.5	16118.4	19024.5	19864.3	19024.5	16118.4	12479.5	8506.5	5390.8	3724.1	2784.8
7.5°	17950.9	22269.7	24047.1	24253.6	24047.1	22269.7	17950.9	12611.8	7368.8	4568.7	3156.4
5°	22080.8	26475.3	26983.9	25706.2	26983.9	26475.3	22080.8	16099.8	9786.7	5430.3	3401.1
2.5°	24806.8	28126.9	28601.1	27913.4	28601.1	28126.9	24806.8	18581.8	11185.3	6008.8	3565.8
0°	25428.5	27687.8	28361.3	28434.9	28361.3	27687.8	25428.5	19466.2	11731.3	6207.1	3610.0
-2.5°	24806.8	28126.9	28601.1	27913.4	28601.1	28126.9	24806.8	18581.8	11185.3	6008.8	3565.8
-5°	22080.8	26475.3	26983.9	25706.2	26983.9	26475.3	22080.8	16099.8	9786.7	5430.3	3401.1
-7.5°	17950.9	22269.7	24047.1	24253.6	24047.1	22269.7	17950.9	12611.8	7368.8	4568.7	3156.4
-10°	12479.5	16118.4	19024.5	19864.3	19024.5	16118.4	12479.5	8506.5	5390.8	3724.1	2784.8
-12.5°	7062.0	9494.3	11003.1	11375.7	11003.1	9494.3	7062.0	5275.2	3957.2	3124.7	2350.1
-15°	4309.8	4918.9	5262.2	5212.1	5262.2	4918.9	4309.8	3604.0	3085.9	2478.3	1832.6
-17.5°	3019.8	3177.2	3268.6	3267.5	3268.6	3177.2	3019.8	2702.3	2298.8	1818.2	1344.7
-20°	2184.2	2350.2	2436.9	2450.0	2436.9	2350.2	2184.2	1914.4	1591.1	1217.3	911.3



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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°	1456.1	1604.1	1692.9	1725.6	1692.9	1604.1	1456.1	1239.8	1007.0	778.5	563.1
-25°	868.8	962.7	1016.7	1012.3	1016.7	962.7	868.8	739.7	589.0	458.5	319.1
-27.5°	470.0	513.9	532.5	542.8	532.5	513.9	470.0	403.6	307.1	271.2	223.1
-30°	262.9	279.7	290.9	296.4	290.9	279.7	262.9	244.0	216.0	197.7	181.8
-32.5°	193.4	198.0	199.8	197.3	199.8	198.0	193.4	186.0	176.7	167.3	158.3
-35°	160.6	162.9	163.8	164.9	163.8	162.9	160.6	157.1	152.4	146.7	140.3
-37.5°	140.1	142.4	143.5	143.2	143.5	142.4	140.1	137.1	133.8	129.4	125.5
-40°	123.8	125.5	126.5	126.5	126.5	125.5	123.8	121.7	119.6	117.0	114.0
-42.5°	110.7	111.6	111.9	111.8	111.9	111.6	110.7	109.2	107.7	105.9	104.4
-45°	99.9	100.6	101.0	101.2	101.0	100.6	99.9	98.8	98.5	98.4	98.4
-47.5°	92.1	92.3	92.5	92.6	92.5	92.3	92.1	91.8	92.0	92.4	92.5
-50°	86.6	86.1	85.9	86.0	85.9	86.1	86.6	86.9	87.1	87.3	87.0
-52.5°	83.4	83.1	83.0	83.0	83.0	83.1	83.4	83.5	83.6	83.5	83.1
-55°	81.4	81.4	81.2	80.9	81.2	81.4	81.4	81.3	81.0	80.7	80.2
-57.5°	79.4	79.7	79.9	79.9	79.9	79.7	79.4	79.0	78.6	78.0	77.4
-60°	76.6	77.1	77.3	77.4	77.3	77.1	76.6	76.0	75.3	74.4	73.5
-62.5°	70.9	71.1	71.2	71.3	71.2	71.1	70.9	70.5	70.1	69.3	68.4
-65°	64.9	65.1	65.0	64.8	65.0	65.1	64.9	64.5	64.1	63.4	62.4
-67.5°	58.3	58.5	58.4	58.2	58.4	58.5	58.3	57.9	57.4	56.7	55.8
-70°	51.1	51.4	51.5	51.6	51.5	51.4	51.1	50.6	50.1	49.4	48.7
-72.5°	43.5	43.8	44.2	44.5	44.2	43.8	43.5	43.1	42.6	42.0	41.3
-75°	35.5	35.7	36.3	36.9	36.3	35.7	35.5	35.2	34.7	34.2	33.6
-77.5°	27.8	28.1	28.3	28.3	28.3	28.1	27.8	27.5	27.0	26.6	26.2
-80°	20.5	20.6	20.9	21.2	20.9	20.6	20.5	20.3	20.0	19.7	19.3
-82.5°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.4	13.3	13.1	12.7
-85°	7.9	8.1	7.8	7.6	7.8	8.1	7.9	7.7	7.5	7.3	7.2
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	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



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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°	2.6	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
85°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.6	5.3	5.0	4.7
82.5°	12.4	12.0	11.6	11.3	10.9	10.6	10.1	9.7	9.1	8.5	7.9
80°	18.7	18.2	17.6	17.1	16.5	15.9	15.2	14.6	13.9	13.2	12.5
77.5°	25.7	25.2	24.5	23.8	23.0	22.2	21.3	20.4	19.4	18.4	17.3
75°	33.0	32.3	31.6	30.7	29.7	28.6	27.5	26.3	25.1	23.7	22.4
72.5°	40.5	39.6	38.6	37.6	36.5	35.3	34.0	32.6	31.1	29.4	27.7
70°	47.8	46.8	45.7	44.5	43.2	41.8	40.3	38.9	37.3	35.5	33.4
67.5°	54.7	53.6	52.4	51.1	49.6	48.0	46.4	44.8	43.0	41.1	38.9
65°	61.4	60.1	58.9	57.5	56.0	54.3	52.5	50.6	48.6	46.5	44.2
62.5°	67.4	66.4	65.1	63.6	62.0	60.3	58.4	56.2	54.1	51.8	49.2
60°	72.4	71.3	70.1	68.7	67.2	65.6	63.6	61.5	59.3	56.7	54.1
57.5°	76.5	75.5	74.3	73.1	71.7	70.1	68.2	66.3	64.0	61.4	58.7
55°	79.5	78.8	77.9	76.8	75.5	73.9	72.3	70.3	68.1	65.8	63.0
52.5°	82.4	81.7	80.9	80.0	78.8	77.3	75.7	73.8	71.8	69.5	66.9
50°	86.4	85.1	83.8	82.7	81.5	80.1	78.5	76.8	75.0	72.8	70.3
47.5°	91.5	89.3	87.2	85.5	84.1	82.6	81.0	79.3	77.6	75.7	73.2
45°	96.8	94.3	91.5	89.2	87.0	85.3	83.6	81.9	80.1	78.1	75.9
42.5°	102.5	99.8	96.7	93.7	90.7	88.3	86.1	84.4	82.4	80.4	78.2
40°	110.4	106.2	102.9	99.0	95.3	91.8	89.3	86.9	84.8	82.6	80.3
37.5°	121.0	116.1	110.9	105.8	101.0	96.5	93.1	90.1	87.3	84.9	82.4
35°	133.1	126.8	120.3	114.0	108.0	102.5	97.6	93.7	90.4	87.3	84.5
32.5°	149.0	140.0	131.3	123.4	115.6	108.7	102.8	97.9	93.8	90.3	86.8
30°	166.5	154.8	143.5	134.1	124.6	115.9	108.1	102.2	97.5	93.5	89.4
27.5°	194.9	172.2	157.8	144.9	134.0	123.9	114.5	106.0	100.9	96.6	92.2
25°	256.5	202.4	176.0	158.7	144.5	131.5	120.9	111.1	103.9	99.3	93.7
22.5°	374.4	271.3	203.5	173.4	156.1	140.5	127.2	116.3	106.3	100.5	94.7
20°	608.1	376.7	260.6	197.8	168.8	149.3	133.6	121.4	110.3	101.8	95.5
17.5°	923.9	581.7	332.9	229.4	185.8	160.3	140.9	126.0	113.8	103.2	95.9
15°	1262.2	814.4	484.3	289.0	203.7	169.6	146.9	130.2	117.1	105.4	96.9
12.5°	1648.1	1058.0	624.0	337.3	224.9	180.0	153.5	134.9	120.4	108.0	98.6
10°	1993.8	1304.2	785.1	437.7	260.3	190.4	159.6	139.1	123.5	110.2	100.0
7.5°	2275.6	1536.5	930.8	512.4	286.8	198.6	164.7	142.5	126.0	111.8	100.9
5°	2455.7	1707.8	1046.9	568.4	305.3	204.1	168.2	145.1	127.9	112.8	101.5
2.5°	2583.3	1821.2	1120.4	601.0	315.2	207.0	170.7	146.7	129.3	114.0	102.5
0°	2589.6	1859.6	1145.3	629.3	317.2	207.9	172.5	147.2	130.0	114.8	103.2
-2.5°	2583.3	1821.2	1120.4	601.0	315.2	207.0	170.7	146.7	129.3	114.0	102.5
-5°	2455.7	1707.8	1046.9	568.4	305.3	204.1	168.2	145.1	127.9	112.8	101.5
-7.5°	2275.6	1536.5	930.8	512.4	286.8	198.6	164.7	142.5	126.0	111.8	100.9
-10°	1993.8	1304.2	785.1	437.7	260.3	190.4	159.6	139.1	123.5	110.2	100.0
-12.5°	1648.1	1058.0	624.0	337.3	224.9	180.0	153.5	134.9	120.4	108.0	98.6
-15°	1262.2	814.4	484.3	289.0	203.7	169.6	146.9	130.2	117.1	105.4	96.9
-17.5°	923.9	581.7	332.9	229.4	185.8	160.3	140.9	126.0	113.8	103.2	95.9
-20°	608.1	376.7	260.6	197.8	168.8	149.3	133.6	121.4	110.3	101.8	95.5



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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°	374.4	271.3	203.5	173.4	156.1	140.5	127.2	116.3	106.3	100.5	94.7
-25°	256.5	202.4	176.0	158.7	144.5	131.5	120.9	111.1	103.9	99.3	93.7
-27.5°	194.9	172.2	157.8	144.9	134.0	123.9	114.5	106.0	100.9	96.6	92.2
-30°	166.5	154.8	143.5	134.1	124.6	115.9	108.1	102.2	97.5	93.5	89.4
-32.5°	149.0	140.0	131.3	123.4	115.6	108.7	102.8	97.9	93.8	90.3	86.8
-35°	133.1	126.8	120.3	114.0	108.0	102.5	97.6	93.7	90.4	87.3	84.5
-37.5°	121.0	116.1	110.9	105.8	101.0	96.5	93.1	90.1	87.3	84.9	82.4
-40°	110.4	106.2	102.9	99.0	95.3	91.8	89.3	86.9	84.8	82.6	80.3
-42.5°	102.5	99.8	96.7	93.7	90.7	88.3	86.1	84.4	82.4	80.4	78.2
-45°	96.8	94.3	91.5	89.2	87.0	85.3	83.6	81.9	80.1	78.1	75.9
-47.5°	91.5	89.3	87.2	85.5	84.1	82.6	81.0	79.3	77.6	75.7	73.2
-50°	86.4	85.1	83.8	82.7	81.5	80.1	78.5	76.8	75.0	72.8	70.3
-52.5°	82.4	81.7	80.9	80.0	78.8	77.3	75.7	73.8	71.8	69.5	66.9
-55°	79.5	78.8	77.9	76.8	75.5	73.9	72.3	70.3	68.1	65.8	63.0
-57.5°	76.5	75.5	74.3	73.1	71.7	70.1	68.2	66.3	64.0	61.4	58.7
-60°	72.4	71.3	70.1	68.7	67.2	65.6	63.6	61.5	59.3	56.7	54.1
-62.5°	67.4	66.4	65.1	63.6	62.0	60.3	58.4	56.2	54.1	51.8	49.2
-65°	61.4	60.1	58.9	57.5	56.0	54.3	52.5	50.6	48.6	46.5	44.2
-67.5°	54.7	53.6	52.4	51.1	49.6	48.0	46.4	44.8	43.0	41.1	38.9
-70°	47.8	46.8	45.7	44.5	43.2	41.8	40.3	38.9	37.3	35.5	33.4
-72.5°	40.5	39.6	38.6	37.6	36.5	35.3	34.0	32.6	31.1	29.4	27.7
-75°	33.0	32.3	31.6	30.7	29.7	28.6	27.5	26.3	25.1	23.7	22.4
-77.5°	25.7	25.2	24.5	23.8	23.0	22.2	21.3	20.4	19.4	18.4	17.3
-80°	18.7	18.2	17.6	17.1	16.5	15.9	15.2	14.6	13.9	13.2	12.5
-82.5°	12.4	12.0	11.6	11.3	10.9	10.6	10.1	9.7	9.1	8.5	7.9
-85°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.6	5.3	5.0	4.7
-87.5°	2.6	2.4	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



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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°	4.5	4.2	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	7.4	7.0	6.7	6.3	5.9	5.4	4.9	4.3	3.7	3.1	2.7
80°	11.7	10.9	10.1	9.4	8.6	7.8	7.2	6.5	5.6	4.8	3.9
77.5°	16.2	15.1	13.9	12.8	11.7	10.7	9.7	8.6	7.5	6.4	5.3
75°	20.9	19.5	18.1	16.6	15.1	13.6	12.3	10.9	9.5	8.0	6.7
72.5°	26.1	24.3	22.5	20.5	18.7	16.9	15.0	13.3	11.6	9.9	8.1
70°	31.3	29.3	27.2	24.9	22.6	20.3	18.1	16.0	13.8	11.9	9.9
67.5°	36.6	34.1	31.7	29.2	26.6	23.9	21.2	18.8	16.3	13.8	11.5
65°	41.6	38.9	36.1	33.3	30.4	27.5	24.5	21.6	18.8	16.0	13.2
62.5°	46.6	43.7	40.6	37.4	34.2	31.0	27.7	24.5	21.2	18.1	15.0
60°	51.3	48.3	45.0	41.5	37.9	34.4	30.9	27.4	23.8	20.3	16.9
57.5°	55.7	52.7	49.1	45.4	41.6	37.7	34.0	30.2	26.4	22.5	18.7
55°	60.0	56.7	53.1	49.2	45.1	41.0	37.0	32.9	28.8	24.7	20.5
52.5°	63.9	60.5	56.7	52.7	48.5	44.2	40.0	35.6	31.3	26.8	22.4
50°	67.4	64.0	60.2	56.1	51.8	47.3	42.9	38.3	33.6	28.9	24.2
47.5°	70.5	67.1	63.4	59.2	54.8	50.3	45.7	40.9	35.8	30.9	26.0
45°	73.1	70.0	66.3	62.1	57.7	53.1	48.3	43.5	38.1	32.9	27.7
42.5°	75.7	72.6	69.0	64.9	60.5	55.9	50.8	45.8	40.4	34.8	29.4
40°	77.8	74.9	71.5	67.4	63.2	58.5	53.2	47.9	42.5	36.6	31.0
37.5°	79.8	77.0	73.6	70.0	65.8	60.9	55.6	49.9	44.5	38.4	32.5
35°	81.6	78.7	75.8	72.3	68.1	63.2	57.8	51.9	46.2	40.1	33.9
32.5°	83.5	80.5	77.5	74.3	70.3	65.4	59.9	53.7	47.8	41.7	35.2
30°	85.6	82.0	79.1	76.1	72.3	67.4	61.7	55.5	49.3	43.1	36.5
27.5°	87.2	83.3	80.4	77.5	73.9	69.2	63.3	57.0	50.7	44.5	37.7
25°	88.6	84.5	81.5	78.6	75.3	70.7	64.8	58.4	51.9	45.6	38.8
22.5°	89.7	85.5	82.3	79.7	76.6	72.1	66.1	59.6	53.1	46.6	39.8
20°	90.2	86.3	82.9	80.6	77.7	73.1	67.2	60.7	54.1	47.5	40.7
17.5°	90.4	86.8	83.6	81.2	78.5	74.1	68.1	61.6	54.9	48.4	41.5
15°	91.3	87.3	84.2	81.7	79.2	75.1	68.9	62.4	55.6	49.1	42.1
12.5°	92.2	87.7	84.6	82.1	79.8	76.0	69.6	63.1	56.2	49.7	42.7
10°	93.0	88.0	84.8	82.5	80.3	76.9	70.1	63.6	56.8	50.2	43.2
7.5°	93.6	88.1	84.8	82.7	80.6	77.6	70.6	64.0	57.3	50.6	43.5
5°	94.1	88.2	84.8	82.9	80.9	78.0	71.0	64.2	57.7	50.9	43.8
2.5°	94.5	88.1	84.7	83.0	81.2	78.3	71.2	64.3	58.0	51.0	43.9
0°	94.6	88.0	84.5	83.0	81.4	78.4	71.3	64.2	58.2	51.1	44.0
-2.5°	94.5	88.1	84.7	83.0	81.2	78.3	71.2	64.3	58.0	51.0	43.9
-5°	94.1	88.2	84.8	82.9	80.9	78.0	71.0	64.2	57.7	50.9	43.8
-7.5°	93.6	88.1	84.8	82.7	80.6	77.6	70.6	64.0	57.3	50.6	43.5
-10°	93.0	88.0	84.8	82.5	80.3	76.9	70.1	63.6	56.8	50.2	43.2
-12.5°	92.2	87.7	84.6	82.1	79.8	76.0	69.6	63.1	56.2	49.7	42.7
-15°	91.3	87.3	84.2	81.7	79.2	75.1	68.9	62.4	55.6	49.1	42.1
-17.5°	90.4	86.8	83.6	81.2	78.5	74.1	68.1	61.6	54.9	48.4	41.5
-20°	90.2	86.3	82.9	80.6	77.7	73.1	67.2	60.7	54.1	47.5	40.7



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 CATALOG NUMBER: GFLD-SA1E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	89.7	85.5	82.3	79.7	76.6	72.1	66.1	59.6	53.1	46.6	39.8
-25°	88.6	84.5	81.5	78.6	75.3	70.7	64.8	58.4	51.9	45.6	38.8
-27.5°	87.2	83.3	80.4	77.5	73.9	69.2	63.3	57.0	50.7	44.5	37.7
-30°	85.6	82.0	79.1	76.1	72.3	67.4	61.7	55.5	49.3	43.1	36.5
-32.5°	83.5	80.5	77.5	74.3	70.3	65.4	59.9	53.7	47.8	41.7	35.2
-35°	81.6	78.7	75.8	72.3	68.1	63.2	57.8	51.9	46.2	40.1	33.9
-37.5°	79.8	77.0	73.6	70.0	65.8	60.9	55.6	49.9	44.5	38.4	32.5
-40°	77.8	74.9	71.5	67.4	63.2	58.5	53.2	47.9	42.5	36.6	31.0
-42.5°	75.7	72.6	69.0	64.9	60.5	55.9	50.8	45.8	40.4	34.8	29.4
-45°	73.1	70.0	66.3	62.1	57.7	53.1	48.3	43.5	38.1	32.9	27.7
-47.5°	70.5	67.1	63.4	59.2	54.8	50.3	45.7	40.9	35.8	30.9	26.0
-50°	67.4	64.0	60.2	56.1	51.8	47.3	42.9	38.3	33.6	28.9	24.2
-52.5°	63.9	60.5	56.7	52.7	48.5	44.2	40.0	35.6	31.3	26.8	22.4
-55°	60.0	56.7	53.1	49.2	45.1	41.0	37.0	32.9	28.8	24.7	20.5
-57.5°	55.7	52.7	49.1	45.4	41.6	37.7	34.0	30.2	26.4	22.5	18.7
-60°	51.3	48.3	45.0	41.5	37.9	34.4	30.9	27.4	23.8	20.3	16.9
-62.5°	46.6	43.7	40.6	37.4	34.2	31.0	27.7	24.5	21.2	18.1	15.0
-65°	41.6	38.9	36.1	33.3	30.4	27.5	24.5	21.6	18.8	16.0	13.2
-67.5°	36.6	34.1	31.7	29.2	26.6	23.9	21.2	18.8	16.3	13.8	11.5
-70°	31.3	29.3	27.2	24.9	22.6	20.3	18.1	16.0	13.8	11.9	9.9
-72.5°	26.1	24.3	22.5	20.5	18.7	16.9	15.0	13.3	11.6	9.9	8.1
-75°	20.9	19.5	18.1	16.6	15.1	13.6	12.3	10.9	9.5	8.0	6.7
-77.5°	16.2	15.1	13.9	12.8	11.7	10.7	9.7	8.6	7.5	6.4	5.3
-80°	11.7	10.9	10.1	9.4	8.6	7.8	7.2	6.5	5.6	4.8	3.9
-82.5°	7.4	7.0	6.7	6.3	5.9	5.4	4.9	4.3	3.7	3.1	2.7
-85°	4.5	4.2	4.0	3.7	3.3	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°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.3	3.4	2.6	1.9	1.3	0.6	0.0
75°	5.5	4.4	3.1	2.3	1.6	0.8	0.0
72.5°	6.6	5.3	4.0	2.7	1.8	0.9	0.0
70°	7.8	6.3	4.8	3.1	2.0	1.0	0.0
67.5°	9.3	7.3	5.6	3.7	2.3	1.1	0.0
65°	10.8	8.4	6.3	4.3	2.5	1.3	0.0
62.5°	12.2	9.5	7.1	4.9	2.8	1.4	0.0
60°	13.5	10.7	7.9	5.5	3.0	1.5	0.0
57.5°	15.1	11.8	8.7	6.1	3.4	1.6	0.0
55°	16.6	12.8	9.6	6.6	3.7	1.7	0.0
52.5°	18.1	13.9	10.4	7.2	4.1	1.8	0.0
50°	19.5	15.1	11.2	7.7	4.5	1.9	0.0
47.5°	20.9	16.2	12.0	8.2	4.8	2.0	0.0
45°	22.4	17.3	12.7	8.7	5.1	2.1	0.0
42.5°	23.8	18.4	13.4	9.3	5.4	2.2	0.0
40°	25.2	19.4	14.1	9.8	5.7	2.3	0.0
37.5°	26.5	20.4	14.9	10.2	6.0	2.4	0.0
35°	27.8	21.4	15.6	10.6	6.3	2.5	0.0
32.5°	29.0	22.4	16.3	11.1	6.5	2.5	0.0
30°	30.0	23.3	16.9	11.4	6.7	2.6	0.0
27.5°	31.0	24.1	17.5	11.8	6.9	2.7	0.0
25°	32.0	24.9	18.1	12.1	7.1	2.7	0.0
22.5°	32.8	25.7	18.6	12.4	7.3	2.8	0.0
20°	33.6	26.3	19.1	12.7	7.5	2.8	0.0
17.5°	34.2	26.9	19.6	12.9	7.6	2.9	0.0
15°	34.8	27.4	19.9	13.1	7.8	2.9	0.0
12.5°	35.3	27.9	20.3	13.3	7.9	2.9	0.0
10°	35.7	28.2	20.6	13.4	7.9	3.0	0.0
7.5°	36.0	28.5	20.8	13.6	8.0	3.0	0.0
5°	36.2	28.7	21.0	13.6	8.1	3.0	0.0
2.5°	36.4	28.8	21.1	13.7	8.1	3.0	0.0
0°	36.4	28.8	21.2	13.7	8.1	3.0	0.0
-2.5°	36.4	28.8	21.2	13.7	8.1	3.0	0.0
-5°	36.2	28.7	21.0	13.6	8.1	3.0	0.0
-7.5°	36.0	28.5	20.8	13.6	8.0	3.0	0.0
-10°	35.7	28.2	20.6	13.4	7.9	3.0	0.0
-12.5°	35.3	27.9	20.3	13.3	7.9	2.9	0.0
-15°	34.8	27.4	19.9	13.1	7.8	2.9	0.0
-17.5°	34.2	26.9	19.6	12.9	7.6	2.9	0.0
-20°	33.6	26.3	19.1	12.7	7.5	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.8	25.7	18.6	12.4	7.3	2.8	0.0
-25°	32.0	24.9	18.1	12.1	7.1	2.7	0.0
-27.5°	31.0	24.1	17.5	11.8	6.9	2.7	0.0
-30°	30.0	23.3	16.9	11.4	6.7	2.6	0.0
-32.5°	29.0	22.4	16.3	11.1	6.5	2.5	0.0
-35°	27.8	21.4	15.6	10.6	6.3	2.5	0.0
-37.5°	26.5	20.4	14.9	10.2	6.0	2.4	0.0
-40°	25.2	19.4	14.1	9.8	5.7	2.3	0.0
-42.5°	23.8	18.4	13.4	9.3	5.4	2.2	0.0
-45°	22.4	17.3	12.7	8.7	5.1	2.1	0.0
-47.5°	20.9	16.2	12.0	8.2	4.8	2.0	0.0
-50°	19.5	15.1	11.2	7.7	4.5	1.9	0.0
-52.5°	18.1	13.9	10.4	7.2	4.1	1.8	0.0
-55°	16.6	12.8	9.6	6.6	3.7	1.7	0.0
-57.5°	15.1	11.8	8.7	6.1	3.4	1.6	0.0
-60°	13.5	10.7	7.9	5.5	3.0	1.5	0.0
-62.5°	12.2	9.5	7.1	4.9	2.8	1.4	0.0
-65°	10.8	8.4	6.3	4.3	2.5	1.3	0.0
-67.5°	9.3	7.3	5.6	3.7	2.3	1.1	0.0
-70°	7.8	6.3	4.8	3.1	2.0	1.0	0.0
-72.5°	6.6	5.3	4.0	2.7	1.8	0.9	0.0
-75°	5.5	4.4	3.1	2.3	1.6	0.8	0.0
-77.5°	4.3	3.4	2.6	1.9	1.3	0.6	0.0
-80°	3.1	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)