

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: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558592 (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-SA1E-927-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

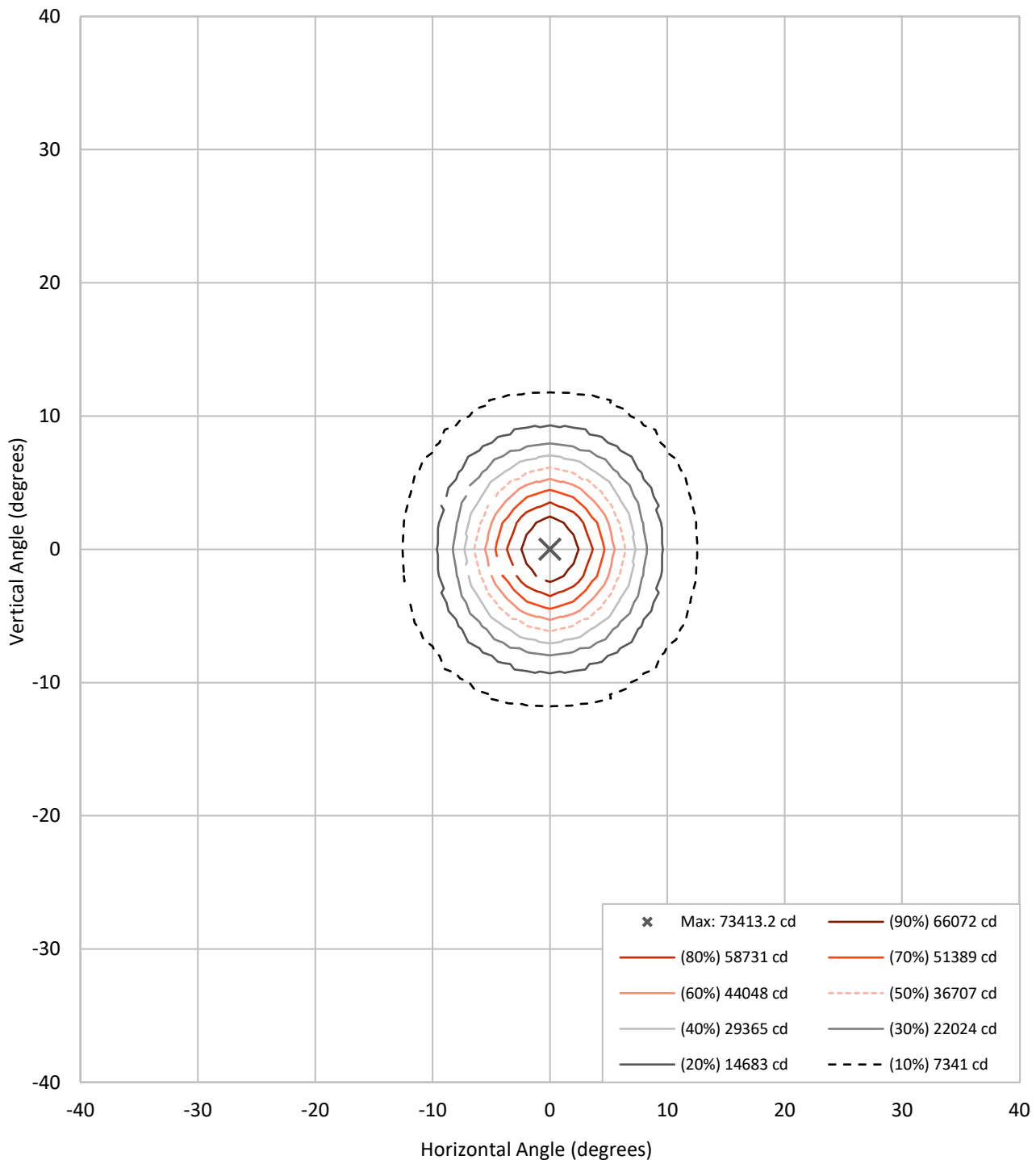
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	5321.5 lumens	Max Intensity:	73413.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1681.5 lumens	Field Lumens:	3725.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





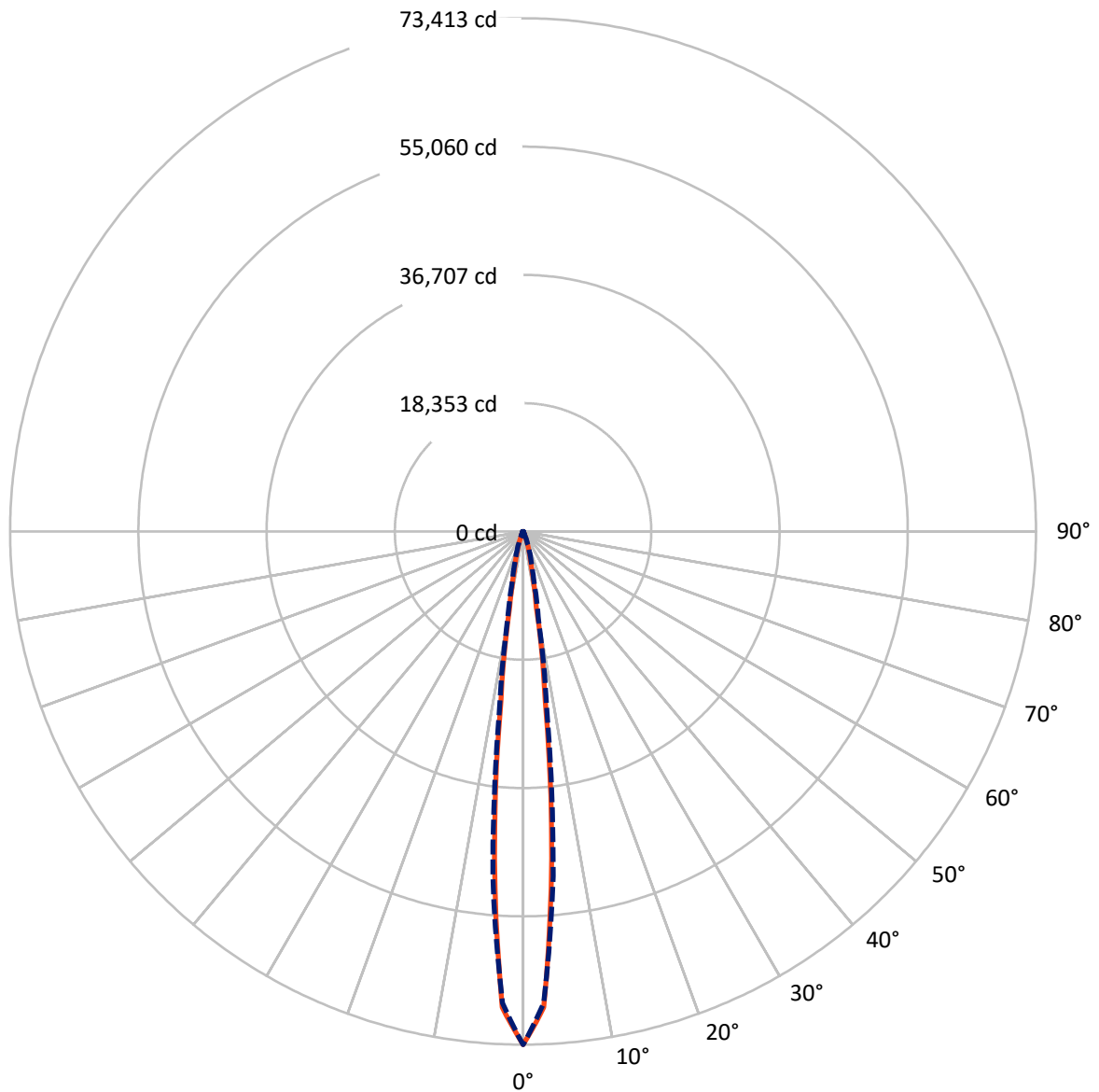
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Lumen Table

90	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1			
80	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1			
70	0.3	0.3	0.7	1.1	1.6	1.9	2.2	2.3	2.3	2.2	1.9	1.6	1.1	0.7	0.3	0.3			
60		0.5	1.0	1.6	2.0	2.4	2.6	2.7	2.7	2.6	2.4	2.0	1.6	1.0	0.5				
50	0.5	0.7	1.3	1.8	2.3	2.7	3.0	3.1	3.1	3.0	2.7	2.3	1.8	1.3	0.7	0.5			
40		0.8	1.4	2.0	2.5	3.2	4.1	4.6	4.6	4.1	3.2	2.5	2.0	1.4	0.8				
30	0.7	0.9	1.5	2.1	3.0	4.6	10.2	18.6	18.6	10.2	4.6	3.0	2.1	1.5	0.9	0.7			
20		0.9	1.5	2.2	3.5	9.9	55.8	122.8	122.8	55.8	9.9	3.5	2.2	1.5	0.9				
10	0.7	1.0	1.6	2.3	3.9	19.0	134.0	866.5	866.5	134.0	19.0	3.9	2.3	1.6	1.0	0.7			
0		1.0	1.6	2.3	3.9	19.0	134.0	866.5	866.5	134.0	19.0	3.9	2.3	1.6	1.0				
-10	0.7	0.9	1.5	2.2	3.5	9.9	55.8	122.8	122.8	55.8	9.9	3.5	2.2	1.5	0.9	0.7			
-20		0.9	1.5	2.1	3.0	4.6	10.2	18.6	18.6	10.2	4.6	3.0	2.1	1.5	0.9				
-30	0.5	0.8	1.4	2.0	2.5	3.2	4.1	4.6	4.6	4.1	3.2	2.5	2.0	1.4	0.8	0.5			
-40		0.7	1.3	1.8	2.3	2.7	3.0	3.1	3.1	3.0	2.7	2.3	1.8	1.3	0.7				
-50	0.3	0.5	1.0	1.6	2.0	2.4	2.6	2.7	2.7	2.6	2.4	2.0	1.6	1.0	0.5	0.3			
-60		0.3	0.7	1.1	1.6	1.9	2.2	2.3	2.3	2.2	1.9	1.6	1.1	0.7	0.3				
-70	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1			
-80		0.6		1.7		2.8		3.2		2.8		1.7		0.6					
-90	0.1	0.6		1.7		2.8		3.2		2.8		1.7		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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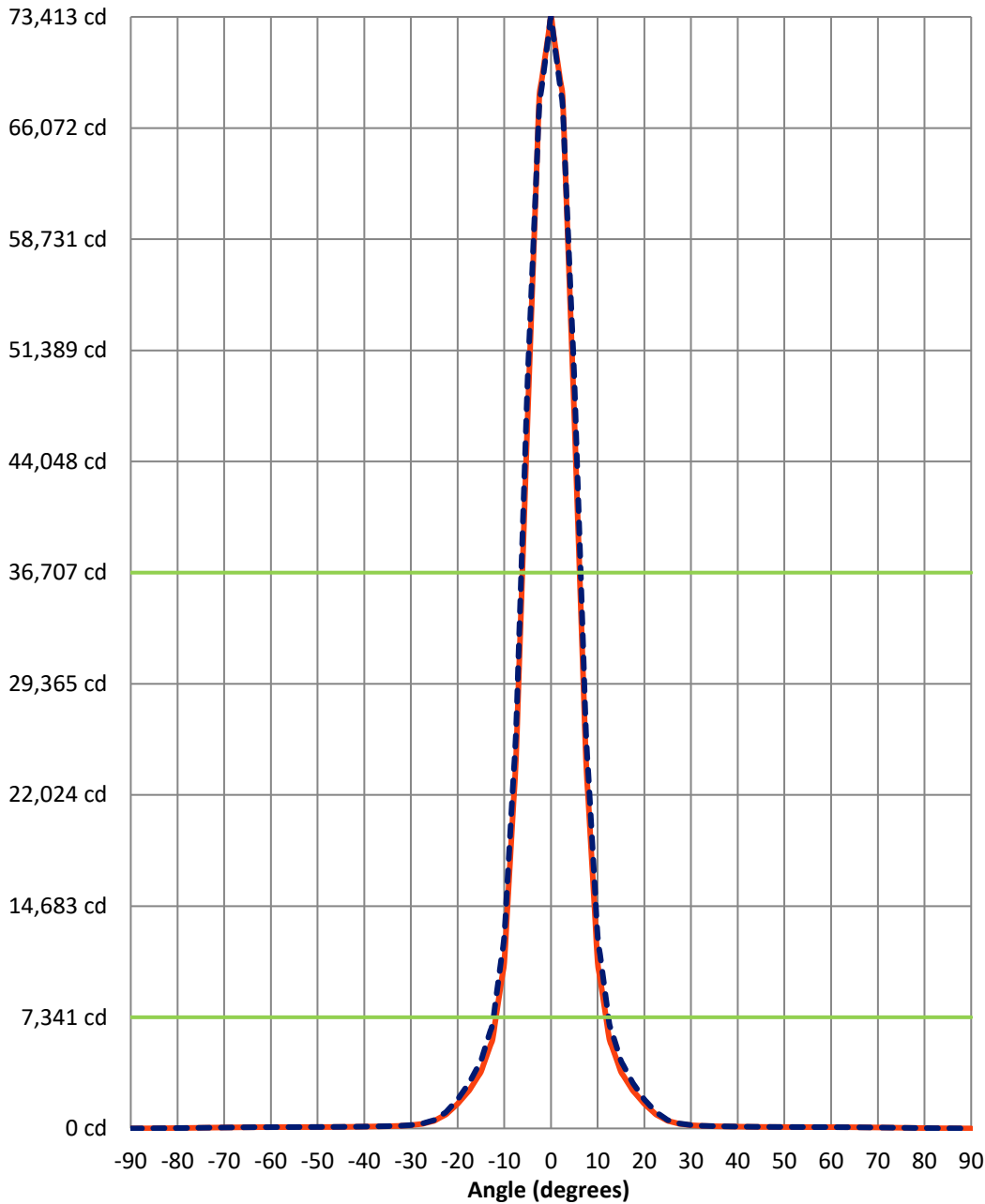
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 1681.5
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 3725.1
 Efficiency: 70.0%

Spill:
 Lumens: 1596.4
 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	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	4.9
80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.3	7.2
77.5°	0.0	0.9	1.7	2.5	3.2	4.0	4.9	6.0	7.1	8.2	9.5
75°	0.0	1.0	2.1	3.0	3.9	5.0	6.2	7.4	8.8	10.4	11.9
72.5°	0.0	1.2	2.4	3.5	4.7	6.1	7.4	9.0	10.8	12.6	14.3
70°	0.0	1.4	2.7	4.0	5.6	7.1	8.6	10.8	12.9	14.9	17.6
67.5°	0.0	1.5	3.1	4.6	6.4	8.1	10.2	12.5	14.9	17.9	21.1
65°	0.0	1.7	3.4	5.2	7.1	9.2	11.7	14.3	17.5	20.9	24.6
62.5°	0.0	1.8	3.7	5.8	7.9	10.4	13.2	16.3	20.0	23.9	28.2
60°	0.0	2.0	4.0	6.4	8.7	11.6	14.6	18.4	22.4	27.1	31.7
57.5°	0.0	2.1	4.4	6.9	9.6	12.8	16.4	20.5	25.1	30.1	35.2
55°	0.0	2.3	4.7	7.5	10.5	13.9	18.1	22.5	27.8	33.2	38.7
52.5°	0.0	2.4	5.1	8.0	11.3	15.0	19.7	24.7	30.4	36.3	42.2
50°	0.0	2.6	5.4	8.5	12.2	16.4	21.4	27.0	32.9	39.3	45.6
47.5°	0.0	2.7	5.7	9.0	13.0	17.7	23.0	29.1	35.5	42.1	48.9
45°	0.0	2.8	6.0	9.6	13.7	18.9	24.7	31.1	38.0	45.0	52.1
42.5°	0.0	2.9	6.3	10.1	14.5	20.1	26.4	33.2	40.4	47.8	54.9
40°	0.0	3.1	6.6	10.6	15.3	21.3	27.9	35.2	42.7	50.5	57.4
37.5°	0.0	3.2	6.9	11.1	16.1	22.3	29.4	37.0	44.9	52.9	59.9
35°	0.0	3.3	7.1	11.6	16.9	23.5	30.8	38.8	47.0	55.0	62.1
32.5°	0.0	3.4	7.4	12.0	17.7	24.6	32.2	40.5	49.0	56.9	64.0
30°	0.0	3.5	7.6	12.3	18.4	25.6	33.5	42.1	50.8	58.7	65.8
27.5°	0.0	3.5	7.8	12.7	19.1	26.5	34.8	43.6	52.4	60.3	67.4
25°	0.0	3.6	8.0	13.0	19.7	27.4	35.9	44.9	53.8	61.7	68.9
22.5°	0.0	3.7	8.2	13.3	20.2	28.2	36.9	46.1	55.0	62.9	70.0
20°	0.0	3.8	8.3	13.5	20.7	28.9	37.9	47.2	56.0	64.0	71.0
17.5°	0.0	3.8	8.4	13.7	21.2	29.5	38.7	48.1	57.0	65.0	71.9
15°	0.0	3.9	8.6	13.9	21.6	30.1	39.4	48.9	57.8	65.8	72.7
12.5°	0.0	3.9	8.7	14.1	21.9	30.5	40.1	49.6	58.5	66.4	73.4
10°	0.0	3.9	8.8	14.2	22.2	30.9	40.6	50.1	59.0	67.0	73.9
7.5°	0.0	4.0	8.8	14.3	22.4	31.2	41.0	50.5	59.4	67.4	74.3
5°	0.0	4.0	8.9	14.3	22.6	31.4	41.3	50.8	59.7	67.6	74.6
2.5°	0.0	4.0	8.9	14.3	22.7	31.6	41.4	50.9	59.8	67.7	74.6
0°	0.0	4.0	8.9	14.3	22.7	31.6	41.4	50.9	59.8	67.7	74.6
-2.5°	0.0	4.0	8.9	14.3	22.7	31.6	41.4	50.9	59.8	67.7	74.6
-5°	0.0	4.0	8.9	14.3	22.6	31.4	41.3	50.8	59.7	67.6	74.6
-7.5°	0.0	4.0	8.8	14.3	22.4	31.2	41.0	50.5	59.4	67.4	74.3
-10°	0.0	3.9	8.8	14.2	22.2	30.9	40.6	50.1	59.0	67.0	73.9
-12.5°	0.0	3.9	8.7	14.1	21.9	30.5	40.1	49.6	58.5	66.4	73.4
-15°	0.0	3.9	8.6	13.9	21.6	30.1	39.4	48.9	57.8	65.8	72.7
-17.5°	0.0	3.8	8.4	13.7	21.2	29.5	38.7	48.1	57.0	65.0	71.9
-20°	0.0	3.8	8.3	13.5	20.7	28.9	37.9	47.2	56.0	64.0	71.0



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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	3.7	8.2	13.3	20.2	28.2	36.9	46.1	55.0	62.9	70.0
-25°	0.0	3.6	8.0	13.0	19.7	27.4	35.9	44.9	53.8	61.7	68.9
-27.5°	0.0	3.5	7.8	12.7	19.1	26.5	34.8	43.6	52.4	60.3	67.4
-30°	0.0	3.5	7.6	12.3	18.4	25.6	33.5	42.1	50.8	58.7	65.8
-32.5°	0.0	3.4	7.4	12.0	17.7	24.6	32.2	40.5	49.0	56.9	64.0
-35°	0.0	3.3	7.1	11.6	16.9	23.5	30.8	38.8	47.0	55.0	62.1
-37.5°	0.0	3.2	6.9	11.1	16.1	22.3	29.4	37.0	44.9	52.9	59.9
-40°	0.0	3.1	6.6	10.6	15.3	21.3	27.9	35.2	42.7	50.5	57.4
-42.5°	0.0	2.9	6.3	10.1	14.5	20.1	26.4	33.2	40.4	47.8	54.9
-45°	0.0	2.8	6.0	9.6	13.7	18.9	24.7	31.1	38.0	45.0	52.1
-47.5°	0.0	2.7	5.7	9.0	13.0	17.7	23.0	29.1	35.5	42.1	48.9
-50°	0.0	2.6	5.4	8.5	12.2	16.4	21.4	27.0	32.9	39.3	45.6
-52.5°	0.0	2.4	5.1	8.0	11.3	15.0	19.7	24.7	30.4	36.3	42.2
-55°	0.0	2.3	4.7	7.5	10.5	13.9	18.1	22.5	27.8	33.2	38.7
-57.5°	0.0	2.1	4.4	6.9	9.6	12.8	16.4	20.5	25.1	30.1	35.2
-60°	0.0	2.0	4.0	6.4	8.7	11.6	14.6	18.4	22.4	27.1	31.7
-62.5°	0.0	1.8	3.7	5.8	7.9	10.4	13.2	16.3	20.0	23.9	28.2
-65°	0.0	1.7	3.4	5.2	7.1	9.2	11.7	14.3	17.5	20.9	24.6
-67.5°	0.0	1.5	3.1	4.6	6.4	8.1	10.2	12.5	14.9	17.9	21.1
-70°	0.0	1.4	2.7	4.0	5.6	7.1	8.6	10.8	12.9	14.9	17.6
-72.5°	0.0	1.2	2.4	3.5	4.7	6.1	7.4	9.0	10.8	12.6	14.3
-75°	0.0	1.0	2.1	3.0	3.9	5.0	6.2	7.4	8.8	10.4	11.9
-77.5°	0.0	0.9	1.7	2.5	3.2	4.0	4.9	6.0	7.1	8.2	9.5
-80°	0.0	0.7	1.4	2.0	2.6	3.1	3.7	4.5	5.4	6.3	7.2
-82.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.7	3.1	3.6	4.3	4.9
-85°	0.0	0.3	0.7	1.0	1.3	1.6	1.8	2.1	2.4	2.7	3.0
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1E-927-U-TS-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°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
85°	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.1	5.4	5.7	6.0
82.5°	5.5	5.9	6.3	6.7	7.0	7.4	7.7	8.3	9.0	9.8	10.4
80°	7.9	8.4	9.2	10.0	11.0	11.8	12.7	13.5	14.4	15.3	16.3
77.5°	10.5	11.6	12.9	14.2	15.5	16.9	18.4	20.0	21.3	22.5	23.6
75°	13.3	14.8	16.9	18.9	20.9	22.8	24.8	26.7	28.4	29.9	31.5
72.5°	16.6	19.1	21.5	23.9	26.4	28.8	31.1	33.3	35.4	37.5	39.5
70°	20.5	23.3	26.3	29.3	32.2	34.9	37.5	40.2	42.9	45.2	47.4
67.5°	24.4	27.8	31.2	34.6	37.8	40.8	44.0	47.0	50.0	52.5	54.7
65°	28.4	32.2	36.0	39.7	43.1	46.7	50.3	53.7	56.4	58.7	61.0
62.5°	32.4	36.6	40.8	44.8	48.7	52.6	56.0	59.1	61.9	64.4	66.8
60°	36.4	41.0	45.5	49.9	54.1	57.7	61.1	64.2	67.0	69.8	71.8
57.5°	40.4	45.4	50.2	54.7	58.7	62.4	65.7	69.0	71.4	73.6	75.8
55°	44.2	49.6	54.6	59.1	63.1	66.6	70.0	72.7	75.1	77.2	79.4
52.5°	48.1	53.7	58.6	63.1	67.0	70.5	73.4	76.1	78.4	80.6	82.3
50°	51.8	57.3	62.4	66.6	70.5	73.8	76.6	79.2	81.4	83.3	84.9
47.5°	55.1	60.8	65.6	70.0	73.6	76.7	79.5	81.9	84.1	85.8	87.4
45°	58.2	63.8	68.7	72.8	76.4	79.4	82.0	84.5	86.4	88.1	89.3
42.5°	61.2	66.6	71.3	75.6	78.8	81.7	84.3	86.5	88.4	89.9	91.2
40°	63.7	69.3	73.8	77.7	81.0	83.7	86.1	88.3	90.2	91.6	93.1
37.5°	66.1	71.4	76.1	79.7	82.8	85.4	87.9	89.9	91.7	93.3	95.2
35°	68.3	73.5	77.8	81.4	84.3	87.0	89.3	91.3	93.2	95.3	97.6
32.5°	70.3	75.5	79.5	82.7	85.6	88.3	90.6	92.7	94.9	97.3	100.0
30°	71.9	76.9	80.9	83.9	86.8	89.4	91.8	94.1	96.5	99.3	103.0
27.5°	73.4	78.3	81.9	85.0	87.9	90.3	92.9	95.5	98.2	101.5	106.1
25°	74.8	79.5	82.8	85.9	88.7	91.1	93.8	96.5	99.9	104.3	110.3
22.5°	75.9	80.6	83.6	86.8	89.3	91.9	94.7	97.7	101.5	106.9	114.6
20°	76.9	81.3	84.3	87.5	89.8	92.6	95.4	98.6	103.2	110.2	119.2
17.5°	77.7	81.8	84.9	87.8	90.3	93.2	96.1	99.4	104.7	113.4	123.5
15°	78.4	82.3	85.3	88.1	90.8	93.6	96.7	100.5	106.6	116.5	127.3
12.5°	79.1	82.7	85.7	88.4	91.1	93.9	97.2	101.5	108.7	119.3	131.1
10°	79.6	82.9	86.0	88.6	91.4	94.1	97.6	102.1	110.2	120.9	133.4
7.5°	79.9	83.2	86.1	88.7	91.5	94.2	97.9	102.4	111.1	121.7	134.6
5°	80.1	83.3	86.3	88.8	91.7	94.3	98.1	102.4	111.4	121.9	135.1
2.5°	80.2	83.5	86.5	89.0	91.9	94.6	98.5	103.0	111.8	122.5	135.4
0°	80.1	83.5	86.5	89.0	91.9	94.9	98.8	103.3	111.7	123.1	135.4
-2.5°	80.2	83.5	86.5	89.0	91.9	94.6	98.5	103.0	111.8	122.5	135.4
-5°	80.1	83.3	86.3	88.8	91.7	94.3	98.1	102.4	111.4	121.9	135.1
-7.5°	79.9	83.2	86.1	88.7	91.5	94.2	97.9	102.4	111.1	121.7	134.6
-10°	79.6	82.9	86.0	88.6	91.4	94.1	97.6	102.1	110.2	120.9	133.4
-12.5°	79.1	82.7	85.7	88.4	91.1	93.9	97.2	101.5	108.7	119.3	131.1
-15°	78.4	82.3	85.3	88.1	90.8	93.6	96.7	100.5	106.6	116.5	127.3
-17.5°	77.7	81.8	84.9	87.8	90.3	93.2	96.1	99.4	104.7	113.4	123.5
-20°	76.9	81.3	84.3	87.5	89.8	92.6	95.4	98.6	103.2	110.2	119.2



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	75.9	80.6	83.6	86.8	89.3	91.9	94.7	97.7	101.5	106.9	114.6
-25°	74.8	79.5	82.8	85.9	88.7	91.1	93.8	96.5	99.9	104.3	110.3
-27.5°	73.4	78.3	81.9	85.0	87.9	90.3	92.9	95.5	98.2	101.5	106.1
-30°	71.9	76.9	80.9	83.9	86.8	89.4	91.8	94.1	96.5	99.3	103.0
-32.5°	70.3	75.5	79.5	82.7	85.6	88.3	90.6	92.7	94.9	97.3	100.0
-35°	68.3	73.5	77.8	81.4	84.3	87.0	89.3	91.3	93.2	95.3	97.6
-37.5°	66.1	71.4	76.1	79.7	82.8	85.4	87.9	89.9	91.7	93.3	95.2
-40°	63.7	69.3	73.8	77.7	81.0	83.7	86.1	88.3	90.2	91.6	93.1
-42.5°	61.2	66.6	71.3	75.6	78.8	81.7	84.3	86.5	88.4	89.9	91.2
-45°	58.2	63.8	68.7	72.8	76.4	79.4	82.0	84.5	86.4	88.1	89.3
-47.5°	55.1	60.8	65.6	70.0	73.6	76.7	79.5	81.9	84.1	85.8	87.4
-50°	51.8	57.3	62.4	66.6	70.5	73.8	76.6	79.2	81.4	83.3	84.9
-52.5°	48.1	53.7	58.6	63.1	67.0	70.5	73.4	76.1	78.4	80.6	82.3
-55°	44.2	49.6	54.6	59.1	63.1	66.6	70.0	72.7	75.1	77.2	79.4
-57.5°	40.4	45.4	50.2	54.7	58.7	62.4	65.7	69.0	71.4	73.6	75.8
-60°	36.4	41.0	45.5	49.9	54.1	57.7	61.1	64.2	67.0	69.8	71.8
-62.5°	32.4	36.6	40.8	44.8	48.7	52.6	56.0	59.1	61.9	64.4	66.8
-65°	28.4	32.2	36.0	39.7	43.1	46.7	50.3	53.7	56.4	58.7	61.0
-67.5°	24.4	27.8	31.2	34.6	37.8	40.8	44.0	47.0	50.0	52.5	54.7
-70°	20.5	23.3	26.3	29.3	32.2	34.9	37.5	40.2	42.9	45.2	47.4
-72.5°	16.6	19.1	21.5	23.9	26.4	28.8	31.1	33.3	35.4	37.5	39.5
-75°	13.3	14.8	16.9	18.9	20.9	22.8	24.8	26.7	28.4	29.9	31.5
-77.5°	10.5	11.6	12.9	14.2	15.5	16.9	18.4	20.0	21.3	22.5	23.6
-80°	7.9	8.4	9.2	10.0	11.0	11.8	12.7	13.5	14.4	15.3	16.3
-82.5°	5.5	5.9	6.3	6.7	7.0	7.4	7.7	8.3	9.0	9.8	10.4
-85°	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.1	5.4	5.7	6.0
-87.5°	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8
-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: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TS-XX

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°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	6.3	6.6	6.8	7.1	7.4	7.6	7.7	7.9	8.0	8.1	8.2
82.5°	11.0	11.6	12.1	12.6	13.0	13.3	13.6	13.9	14.1	14.3	14.5
80°	17.2	18.1	18.9	19.6	20.3	20.9	21.4	21.7	22.1	22.4	22.7
77.5°	24.6	25.8	27.0	28.0	28.9	29.7	30.3	30.9	31.4	32.0	32.6
75°	33.0	34.5	35.8	37.0	38.1	39.1	39.9	40.7	41.4	42.0	42.6
72.5°	41.4	43.2	44.7	45.9	47.1	48.2	49.3	50.4	51.3	52.0	52.6
70°	49.3	51.1	52.7	54.2	55.5	56.9	58.4	59.7	60.9	61.7	62.1
67.5°	56.6	58.4	60.2	62.0	63.6	65.1	66.5	67.9	69.0	69.8	70.3
65°	63.1	65.1	67.1	68.9	70.6	71.9	73.2	74.4	75.6	76.5	77.2
62.5°	69.2	71.1	72.8	74.4	75.8	77.1	78.4	79.5	80.5	81.4	82.2
60°	73.8	75.8	77.5	78.9	80.3	81.5	82.5	83.4	84.1	84.6	85.1
57.5°	77.9	79.8	81.4	82.6	83.8	85.0	85.9	86.4	86.8	87.1	87.4
55°	81.3	82.8	84.2	85.5	86.7	87.8	88.6	88.9	89.1	89.2	89.3
52.5°	84.0	85.6	87.0	88.3	89.2	90.0	90.8	91.0	91.1	91.1	91.2
50°	86.6	88.1	89.2	90.2	91.2	92.0	92.6	92.9	93.1	93.1	93.0
47.5°	88.6	89.9	91.1	92.2	93.2	94.1	94.9	95.3	95.6	95.7	95.7
45°	90.4	91.9	93.2	94.5	95.7	96.8	97.8	98.5	99.2	99.7	99.9
42.5°	92.5	94.0	95.5	97.3	98.9	100.4	102.1	103.6	105.1	106.8	107.9
40°	94.7	96.3	98.6	100.7	103.1	105.3	108.8	112.3	115.0	117.3	119.3
37.5°	97.2	99.5	102.2	105.0	108.9	112.9	117.4	121.7	125.5	128.9	131.7
35°	100.0	103.2	106.5	111.4	116.3	121.3	126.6	132.4	137.4	141.0	143.6
32.5°	103.5	107.5	112.8	119.0	125.0	131.5	138.0	144.4	149.3	154.3	159.4
30°	107.4	113.1	119.9	127.4	135.1	142.8	150.9	159.9	168.4	177.6	190.8
27.5°	112.3	119.2	127.2	136.2	145.4	154.5	168.6	184.1	207.0	225.3	256.4
25°	117.5	125.6	135.2	145.6	156.8	173.2	199.0	229.5	283.5	325.4	388.9
22.5°	123.3	132.9	143.5	155.4	173.4	204.5	248.6	326.9	435.9	543.4	663.0
20°	129.1	139.7	151.2	169.3	200.0	249.1	344.6	513.9	703.0	972.1	1198.0
17.5°	134.6	145.8	160.5	184.9	230.8	329.7	514.7	804.6	1199.5	1633.3	1995.1
15°	139.4	150.8	170.6	209.3	286.9	440.9	720.3	1213.7	1877.1	2471.1	3000.9
12.5°	143.4	156.9	181.6	229.0	335.6	563.5	1011.7	1712.4	2522.5	3355.6	4026.0
10°	146.3	163.5	196.3	265.5	412.9	709.5	1254.6	2138.4	3113.8	4126.4	5338.5
7.5°	148.1	168.2	207.4	292.6	481.9	872.0	1559.4	2518.8	3639.0	5021.2	6873.0
5°	149.3	171.4	215.7	313.0	528.0	979.4	1751.8	2807.1	4092.0	6090.6	9901.9
2.5°	150.0	172.8	220.4	324.2	549.1	1034.6	1887.2	2972.1	4367.7	6845.0	12000.2
0°	149.7	172.0	220.9	326.7	552.0	1076.9	1909.7	3019.2	4460.8	6912.7	12672.8
-2.5°	150.0	172.8	220.4	324.2	549.1	1034.6	1887.2	2972.1	4367.7	6845.0	12000.2
-5°	149.3	171.4	215.7	313.0	528.0	979.4	1751.8	2807.1	4092.0	6090.6	9901.9
-7.5°	148.1	168.2	207.4	292.6	481.9	872.0	1559.4	2518.8	3639.0	5021.2	6873.0
-10°	146.3	163.5	196.3	265.5	412.9	709.5	1254.6	2138.4	3113.8	4126.4	5338.5
-12.5°	143.4	156.9	181.6	229.0	335.6	563.5	1011.7	1712.4	2522.5	3355.6	4026.0
-15°	139.4	150.8	170.6	209.3	286.9	440.9	720.3	1213.7	1877.1	2471.1	3000.9
-17.5°	134.6	145.8	160.5	184.9	230.8	329.7	514.7	804.6	1199.5	1633.3	1995.1
-20°	129.1	139.7	151.2	169.3	200.0	249.1	344.6	513.9	703.0	972.1	1198.0



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	123.3	132.9	143.5	155.4	173.4	204.5	248.6	326.9	435.9	543.4	663.0
-25°	117.5	125.6	135.2	145.6	156.8	173.2	199.0	229.5	283.5	325.4	388.9
-27.5°	112.3	119.2	127.2	136.2	145.4	154.5	168.6	184.1	207.0	225.3	256.4
-30°	107.4	113.1	119.9	127.4	135.1	142.8	150.9	159.9	168.4	177.6	190.8
-32.5°	103.5	107.5	112.8	119.0	125.0	131.5	138.0	144.4	149.3	154.3	159.4
-35°	100.0	103.2	106.5	111.4	116.3	121.3	126.6	132.4	137.4	141.0	143.6
-37.5°	97.2	99.5	102.2	105.0	108.9	112.9	117.4	121.7	125.5	128.9	131.7
-40°	94.7	96.3	98.6	100.7	103.1	105.3	108.8	112.3	115.0	117.3	119.3
-42.5°	92.5	94.0	95.5	97.3	98.9	100.4	102.1	103.6	105.1	106.8	107.9
-45°	90.4	91.9	93.2	94.5	95.7	96.8	97.8	98.5	99.2	99.7	99.9
-47.5°	88.6	89.9	91.1	92.2	93.2	94.1	94.9	95.3	95.6	95.7	95.7
-50°	86.6	88.1	89.2	90.2	91.2	92.0	92.6	92.9	93.1	93.1	93.0
-52.5°	84.0	85.6	87.0	88.3	89.2	90.0	90.8	91.0	91.1	91.1	91.2
-55°	81.3	82.8	84.2	85.5	86.7	87.8	88.6	88.9	89.1	89.2	89.3
-57.5°	77.9	79.8	81.4	82.6	83.8	85.0	85.9	86.4	86.8	87.1	87.4
-60°	73.8	75.8	77.5	78.9	80.3	81.5	82.5	83.4	84.1	84.6	85.1
-62.5°	69.2	71.1	72.8	74.4	75.8	77.1	78.4	79.5	80.5	81.4	82.2
-65°	63.1	65.1	67.1	68.9	70.6	71.9	73.2	74.4	75.6	76.5	77.2
-67.5°	56.6	58.4	60.2	62.0	63.6	65.1	66.5	67.9	69.0	69.8	70.3
-70°	49.3	51.1	52.7	54.2	55.5	56.9	58.4	59.7	60.9	61.7	62.1
-72.5°	41.4	43.2	44.7	45.9	47.1	48.2	49.3	50.4	51.3	52.0	52.6
-75°	33.0	34.5	35.8	37.0	38.1	39.1	39.9	40.7	41.4	42.0	42.6
-77.5°	24.6	25.8	27.0	28.0	28.9	29.7	30.3	30.9	31.4	32.0	32.6
-80°	17.2	18.1	18.9	19.6	20.3	20.9	21.4	21.7	22.1	22.4	22.7
-82.5°	11.0	11.6	12.1	12.6	13.0	13.3	13.6	13.9	14.1	14.3	14.5
-85°	6.3	6.6	6.8	7.1	7.4	7.6	7.7	7.9	8.0	8.1	8.2
-87.5°	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.9	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



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TS-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.9
82.5°	14.6	14.7	14.8	14.8	14.8	14.7	14.6	14.5	14.3	14.1	13.9
80°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.4	22.1	21.7
77.5°	33.0	33.4	33.5	33.6	33.5	33.4	33.0	32.6	32.0	31.4	30.9
75°	43.0	43.3	43.4	43.5	43.4	43.3	43.0	42.6	42.0	41.4	40.7
72.5°	52.9	53.1	53.6	53.9	53.6	53.1	52.9	52.6	52.0	51.3	50.4
70°	62.4	62.5	63.0	63.3	63.0	62.5	62.4	62.1	61.7	60.9	59.7
67.5°	70.7	70.9	70.9	70.7	70.9	70.9	70.7	70.3	69.8	69.0	67.9
65°	77.8	78.3	78.3	78.1	78.3	78.3	77.8	77.2	76.5	75.6	74.4
62.5°	83.0	83.7	83.9	84.0	83.9	83.7	83.0	82.2	81.4	80.5	79.5
60°	85.6	85.9	86.0	86.0	86.0	85.9	85.6	85.1	84.6	84.1	83.4
57.5°	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.4	87.1	86.8	86.4
55°	89.4	89.4	89.3	89.0	89.3	89.4	89.4	89.3	89.2	89.1	88.9
52.5°	91.1	90.9	90.7	90.4	90.7	90.9	91.1	91.2	91.1	91.1	91.0
50°	92.8	92.5	92.4	92.4	92.4	92.5	92.8	93.0	93.1	93.1	92.9
47.5°	95.6	95.4	95.3	95.4	95.3	95.4	95.6	95.7	95.7	95.6	95.3
45°	100.0	99.8	99.7	99.8	99.7	99.8	100.0	99.9	99.7	99.2	98.5
42.5°	108.5	108.5	108.5	108.7	108.5	108.5	108.5	107.9	106.8	105.1	103.6
40°	120.1	120.1	119.7	119.6	119.7	120.1	120.1	119.3	117.3	115.0	112.3
37.5°	132.9	132.9	132.5	132.5	132.5	132.9	132.9	131.7	128.9	125.5	121.7
35°	144.9	145.4	145.3	144.8	145.3	145.4	144.9	143.6	141.0	137.4	132.4
32.5°	163.0	165.7	167.1	166.6	167.1	165.7	163.0	159.4	154.3	149.3	144.4
30°	199.0	206.1	209.9	211.5	209.9	206.1	199.0	190.8	177.6	168.4	159.9
27.5°	278.6	294.3	301.4	303.9	301.4	294.3	278.6	256.4	225.3	207.0	184.1
25°	444.5	480.0	497.5	503.1	497.5	480.0	444.5	388.9	325.4	283.5	229.5
22.5°	794.8	863.2	909.9	920.2	909.9	863.2	794.8	663.0	543.4	435.9	326.9
20°	1425.1	1557.3	1629.0	1622.5	1629.0	1557.3	1425.1	1198.0	972.1	703.0	513.9
17.5°	2302.7	2472.1	2552.8	2515.1	2552.8	2472.1	2302.7	1995.1	1633.3	1199.5	804.6
15°	3375.6	3604.6	3704.4	3735.3	3704.4	3604.6	3375.6	3000.9	2471.1	1877.1	1213.7
12.5°	4695.4	5445.9	5804.8	5901.0	5804.8	5445.9	4695.4	4026.0	3355.6	2522.5	1712.4
10°	6578.2	9101.1	10601.8	10968.3	10601.8	9101.1	6578.2	5338.5	4126.4	3113.8	2138.4
7.5°	10742.8	15869.6	21612.8	24332.5	21612.8	15869.6	10742.8	6873.0	5021.2	3639.0	2518.8
5°	16382.7	28433.5	41730.8	46943.7	41730.8	28433.5	16382.7	9901.9	6090.6	4092.0	2807.1
2.5°	23239.0	42932.4	61306.1	68155.4	61306.1	42932.4	23239.0	12000.2	6845.0	4367.7	2972.1
0°	26135.7	49496.3	67546.1	73413.2	67546.1	49496.3	26135.7	12672.8	6912.7	4460.8	3019.2
-2.5°	23239.0	42932.4	61306.1	68155.4	61306.1	42932.4	23239.0	12000.2	6845.0	4367.7	2972.1
-5°	16382.7	28433.5	41730.8	46943.7	41730.8	28433.5	16382.7	9901.9	6090.6	4092.0	2807.1
-7.5°	10742.8	15869.6	21612.8	24332.5	21612.8	15869.6	10742.8	6873.0	5021.2	3639.0	2518.8
-10°	6578.2	9101.1	10601.8	10968.3	10601.8	9101.1	6578.2	5338.5	4126.4	3113.8	2138.4
-12.5°	4695.4	5445.9	5804.8	5901.0	5804.8	5445.9	4695.4	4026.0	3355.6	2522.5	1712.4
-15°	3375.6	3604.6	3704.4	3735.3	3704.4	3604.6	3375.6	3000.9	2471.1	1877.1	1213.7
-17.5°	2302.7	2472.1	2552.8	2515.1	2552.8	2472.1	2302.7	1995.1	1633.3	1199.5	804.6
-20°	1425.1	1557.3	1629.0	1622.5	1629.0	1557.3	1425.1	1198.0	972.1	703.0	513.9



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	794.8	863.2	909.9	920.2	909.9	863.2	794.8	663.0	543.4	435.9	326.9
-25°	444.5	480.0	497.5	503.1	497.5	480.0	444.5	388.9	325.4	283.5	229.5
-27.5°	278.6	294.3	301.4	303.9	301.4	294.3	278.6	256.4	225.3	207.0	184.1
-30°	199.0	206.1	209.9	211.5	209.9	206.1	199.0	190.8	177.6	168.4	159.9
-32.5°	163.0	165.7	167.1	166.6	167.1	165.7	163.0	159.4	154.3	149.3	144.4
-35°	144.9	145.4	145.3	144.8	145.3	145.4	144.9	143.6	141.0	137.4	132.4
-37.5°	132.9	132.9	132.5	132.5	132.5	132.9	132.9	131.7	128.9	125.5	121.7
-40°	120.1	120.1	119.7	119.6	119.7	120.1	120.1	119.3	117.3	115.0	112.3
-42.5°	108.5	108.5	108.5	108.7	108.5	108.5	108.5	107.9	106.8	105.1	103.6
-45°	100.0	99.8	99.7	99.8	99.7	99.8	100.0	99.9	99.7	99.2	98.5
-47.5°	95.6	95.4	95.3	95.4	95.3	95.4	95.6	95.7	95.7	95.6	95.3
-50°	92.8	92.5	92.4	92.4	92.4	92.5	92.8	93.0	93.1	93.1	92.9
-52.5°	91.1	90.9	90.7	90.4	90.7	90.9	91.1	91.2	91.1	91.1	91.0
-55°	89.4	89.4	89.3	89.0	89.3	89.4	89.4	89.3	89.2	89.1	88.9
-57.5°	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.4	87.1	86.8	86.4
-60°	85.6	85.9	86.0	86.0	86.0	85.9	85.6	85.1	84.6	84.1	83.4
-62.5°	83.0	83.7	83.9	84.0	83.9	83.7	83.0	82.2	81.4	80.5	79.5
-65°	77.8	78.3	78.3	78.1	78.3	78.3	77.8	77.2	76.5	75.6	74.4
-67.5°	70.7	70.9	70.9	70.7	70.9	70.9	70.7	70.3	69.8	69.0	67.9
-70°	62.4	62.5	63.0	63.3	63.0	62.5	62.4	62.1	61.7	60.9	59.7
-72.5°	52.9	53.1	53.6	53.9	53.6	53.1	52.9	52.6	52.0	51.3	50.4
-75°	43.0	43.3	43.4	43.5	43.4	43.3	43.0	42.6	42.0	41.4	40.7
-77.5°	33.0	33.4	33.5	33.6	33.5	33.4	33.0	32.6	32.0	31.4	30.9
-80°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.4	22.1	21.7
-82.5°	14.6	14.7	14.8	14.8	14.8	14.7	14.6	14.5	14.3	14.1	13.9
-85°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.9
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-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: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
85°	7.7	7.6	7.4	7.1	6.8	6.6	6.3	6.0	5.7	5.4	5.1
82.5°	13.6	13.3	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.0	8.3
80°	21.4	20.9	20.3	19.6	18.9	18.1	17.2	16.3	15.3	14.4	13.5
77.5°	30.3	29.7	28.9	28.0	27.0	25.8	24.6	23.6	22.5	21.3	20.0
75°	39.9	39.1	38.1	37.0	35.8	34.5	33.0	31.5	29.9	28.4	26.7
72.5°	49.3	48.2	47.1	45.9	44.7	43.2	41.4	39.5	37.5	35.4	33.3
70°	58.4	56.9	55.5	54.2	52.7	51.1	49.3	47.4	45.2	42.9	40.2
67.5°	66.5	65.1	63.6	62.0	60.2	58.4	56.6	54.7	52.5	50.0	47.0
65°	73.2	71.9	70.6	68.9	67.1	65.1	63.1	61.0	58.7	56.4	53.7
62.5°	78.4	77.1	75.8	74.4	72.8	71.1	69.2	66.8	64.4	61.9	59.1
60°	82.5	81.5	80.3	78.9	77.5	75.8	73.8	71.8	69.8	67.0	64.2
57.5°	85.9	85.0	83.8	82.6	81.4	79.8	77.9	75.8	73.6	71.4	69.0
55°	88.6	87.8	86.7	85.5	84.2	82.8	81.3	79.4	77.2	75.1	72.7
52.5°	90.8	90.0	89.2	88.3	87.0	85.6	84.0	82.3	80.6	78.4	76.1
50°	92.6	92.0	91.2	90.2	89.2	88.1	86.6	84.9	83.3	81.4	79.2
47.5°	94.9	94.1	93.2	92.2	91.1	89.9	88.6	87.4	85.8	84.1	81.9
45°	97.8	96.8	95.7	94.5	93.2	91.9	90.4	89.3	88.1	86.4	84.5
42.5°	102.1	100.4	98.9	97.3	95.5	94.0	92.5	91.2	89.9	88.4	86.5
40°	108.8	105.3	103.1	100.7	98.6	96.3	94.7	93.1	91.6	90.2	88.3
37.5°	117.4	112.9	108.9	105.0	102.2	99.5	97.2	95.2	93.3	91.7	89.9
35°	126.6	121.3	116.3	111.4	106.5	103.2	100.0	97.6	95.3	93.2	91.3
32.5°	138.0	131.5	125.0	119.0	112.8	107.5	103.5	100.0	97.3	94.9	92.7
30°	150.9	142.8	135.1	127.4	119.9	113.1	107.4	103.0	99.3	96.5	94.1
27.5°	168.6	154.5	145.4	136.2	127.2	119.2	112.3	106.1	101.5	98.2	95.5
25°	199.0	173.2	156.8	145.6	135.2	125.6	117.5	110.3	104.3	99.9	96.5
22.5°	248.6	204.5	173.4	155.4	143.5	132.9	123.3	114.6	106.9	101.5	97.7
20°	344.6	249.1	200.0	169.3	151.2	139.7	129.1	119.2	110.2	103.2	98.6
17.5°	514.7	329.7	230.8	184.9	160.5	145.8	134.6	123.5	113.4	104.7	99.4
15°	720.3	440.9	286.9	209.3	170.6	150.8	139.4	127.3	116.5	106.6	100.5
12.5°	1011.7	563.5	335.6	229.0	181.6	156.9	143.4	131.1	119.3	108.7	101.5
10°	1254.6	709.5	412.9	265.5	196.3	163.5	146.3	133.4	120.9	110.2	102.1
7.5°	1559.4	872.0	481.9	292.6	207.4	168.2	148.1	134.6	121.7	111.1	102.4
5°	1751.8	979.4	528.0	313.0	215.7	171.4	149.3	135.1	121.9	111.4	102.4
2.5°	1887.2	1034.6	549.1	324.2	220.4	172.8	150.0	135.4	122.5	111.8	103.0
0°	1909.7	1076.9	552.0	326.7	220.9	172.0	149.7	135.4	123.1	111.7	103.3
-2.5°	1887.2	1034.6	549.1	324.2	220.4	172.8	150.0	135.4	122.5	111.8	103.0
-5°	1751.8	979.4	528.0	313.0	215.7	171.4	149.3	135.1	121.9	111.4	102.4
-7.5°	1559.4	872.0	481.9	292.6	207.4	168.2	148.1	134.6	121.7	111.1	102.4
-10°	1254.6	709.5	412.9	265.5	196.3	163.5	146.3	133.4	120.9	110.2	102.1
-12.5°	1011.7	563.5	335.6	229.0	181.6	156.9	143.4	131.1	119.3	108.7	101.5
-15°	720.3	440.9	286.9	209.3	170.6	150.8	139.4	127.3	116.5	106.6	100.5
-17.5°	514.7	329.7	230.8	184.9	160.5	145.8	134.6	123.5	113.4	104.7	99.4
-20°	344.6	249.1	200.0	169.3	151.2	139.7	129.1	119.2	110.2	103.2	98.6



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	248.6	204.5	173.4	155.4	143.5	132.9	123.3	114.6	106.9	101.5	97.7
-25°	199.0	173.2	156.8	145.6	135.2	125.6	117.5	110.3	104.3	99.9	96.5
-27.5°	168.6	154.5	145.4	136.2	127.2	119.2	112.3	106.1	101.5	98.2	95.5
-30°	150.9	142.8	135.1	127.4	119.9	113.1	107.4	103.0	99.3	96.5	94.1
-32.5°	138.0	131.5	125.0	119.0	112.8	107.5	103.5	100.0	97.3	94.9	92.7
-35°	126.6	121.3	116.3	111.4	106.5	103.2	100.0	97.6	95.3	93.2	91.3
-37.5°	117.4	112.9	108.9	105.0	102.2	99.5	97.2	95.2	93.3	91.7	89.9
-40°	108.8	105.3	103.1	100.7	98.6	96.3	94.7	93.1	91.6	90.2	88.3
-42.5°	102.1	100.4	98.9	97.3	95.5	94.0	92.5	91.2	89.9	88.4	86.5
-45°	97.8	96.8	95.7	94.5	93.2	91.9	90.4	89.3	88.1	86.4	84.5
-47.5°	94.9	94.1	93.2	92.2	91.1	89.9	88.6	87.4	85.8	84.1	81.9
-50°	92.6	92.0	91.2	90.2	89.2	88.1	86.6	84.9	83.3	81.4	79.2
-52.5°	90.8	90.0	89.2	88.3	87.0	85.6	84.0	82.3	80.6	78.4	76.1
-55°	88.6	87.8	86.7	85.5	84.2	82.8	81.3	79.4	77.2	75.1	72.7
-57.5°	85.9	85.0	83.8	82.6	81.4	79.8	77.9	75.8	73.6	71.4	69.0
-60°	82.5	81.5	80.3	78.9	77.5	75.8	73.8	71.8	69.8	67.0	64.2
-62.5°	78.4	77.1	75.8	74.4	72.8	71.1	69.2	66.8	64.4	61.9	59.1
-65°	73.2	71.9	70.6	68.9	67.1	65.1	63.1	61.0	58.7	56.4	53.7
-67.5°	66.5	65.1	63.6	62.0	60.2	58.4	56.6	54.7	52.5	50.0	47.0
-70°	58.4	56.9	55.5	54.2	52.7	51.1	49.3	47.4	45.2	42.9	40.2
-72.5°	49.3	48.2	47.1	45.9	44.7	43.2	41.4	39.5	37.5	35.4	33.3
-75°	39.9	39.1	38.1	37.0	35.8	34.5	33.0	31.5	29.9	28.4	26.7
-77.5°	30.3	29.7	28.9	28.0	27.0	25.8	24.6	23.6	22.5	21.3	20.0
-80°	21.4	20.9	20.3	19.6	18.9	18.1	17.2	16.3	15.3	14.4	13.5
-82.5°	13.6	13.3	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.0	8.3
-85°	7.7	7.6	7.4	7.1	6.8	6.6	6.3	6.0	5.7	5.4	5.1
-87.5°	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.7	2.6	2.5
-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: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
85°	4.9	4.7	4.4	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.1
82.5°	7.7	7.4	7.0	6.7	6.3	5.9	5.5	4.9	4.3	3.6	3.1
80°	12.7	11.8	11.0	10.0	9.2	8.4	7.9	7.2	6.3	5.4	4.5
77.5°	18.4	16.9	15.5	14.2	12.9	11.6	10.5	9.5	8.2	7.1	6.0
75°	24.8	22.8	20.9	18.9	16.9	14.8	13.3	11.9	10.4	8.8	7.4
72.5°	31.1	28.8	26.4	23.9	21.5	19.1	16.6	14.3	12.6	10.8	9.0
70°	37.5	34.9	32.2	29.3	26.3	23.3	20.5	17.6	14.9	12.9	10.8
67.5°	44.0	40.8	37.8	34.6	31.2	27.8	24.4	21.1	17.9	14.9	12.5
65°	50.3	46.7	43.1	39.7	36.0	32.2	28.4	24.6	20.9	17.5	14.3
62.5°	56.0	52.6	48.7	44.8	40.8	36.6	32.4	28.2	23.9	20.0	16.3
60°	61.1	57.7	54.1	49.9	45.5	41.0	36.4	31.7	27.1	22.4	18.4
57.5°	65.7	62.4	58.7	54.7	50.2	45.4	40.4	35.2	30.1	25.1	20.5
55°	70.0	66.6	63.1	59.1	54.6	49.6	44.2	38.7	33.2	27.8	22.5
52.5°	73.4	70.5	67.0	63.1	58.6	53.7	48.1	42.2	36.3	30.4	24.7
50°	76.6	73.8	70.5	66.6	62.4	57.3	51.8	45.6	39.3	32.9	27.0
47.5°	79.5	76.7	73.6	70.0	65.6	60.8	55.1	48.9	42.1	35.5	29.1
45°	82.0	79.4	76.4	72.8	68.7	63.8	58.2	52.1	45.0	38.0	31.1
42.5°	84.3	81.7	78.8	75.6	71.3	66.6	61.2	54.9	47.8	40.4	33.2
40°	86.1	83.7	81.0	77.7	73.8	69.3	63.7	57.4	50.5	42.7	35.2
37.5°	87.9	85.4	82.8	79.7	76.1	71.4	66.1	59.9	52.9	44.9	37.0
35°	89.3	87.0	84.3	81.4	77.8	73.5	68.3	62.1	55.0	47.0	38.8
32.5°	90.6	88.3	85.6	82.7	79.5	75.5	70.3	64.0	56.9	49.0	40.5
30°	91.8	89.4	86.8	83.9	80.9	76.9	71.9	65.8	58.7	50.8	42.1
27.5°	92.9	90.3	87.9	85.0	81.9	78.3	73.4	67.4	60.3	52.4	43.6
25°	93.8	91.1	88.7	85.9	82.8	79.5	74.8	68.9	61.7	53.8	44.9
22.5°	94.7	91.9	89.3	86.8	83.6	80.6	75.9	70.0	62.9	55.0	46.1
20°	95.4	92.6	89.8	87.5	84.3	81.3	76.9	71.0	64.0	56.0	47.2
17.5°	96.1	93.2	90.3	87.8	84.9	81.8	77.7	71.9	65.0	57.0	48.1
15°	96.7	93.6	90.8	88.1	85.3	82.3	78.4	72.7	65.8	57.8	48.9
12.5°	97.2	93.9	91.1	88.4	85.7	82.7	79.1	73.4	66.4	58.5	49.6
10°	97.6	94.1	91.4	88.6	86.0	82.9	79.6	73.9	67.0	59.0	50.1
7.5°	97.9	94.2	91.5	88.7	86.1	83.2	79.9	74.3	67.4	59.4	50.5
5°	98.1	94.3	91.7	88.8	86.3	83.3	80.1	74.6	67.6	59.7	50.8
2.5°	98.5	94.6	91.9	89.0	86.5	83.5	80.2	74.6	67.7	59.8	50.9
0°	98.8	94.9	91.9	89.0	86.5	83.5	80.1	74.6	67.7	59.8	50.9
-2.5°	98.5	94.6	91.9	89.0	86.5	83.5	80.2	74.6	67.7	59.8	50.9
-5°	98.1	94.3	91.7	88.8	86.3	83.3	80.1	74.6	67.6	59.7	50.8
-7.5°	97.9	94.2	91.5	88.7	86.1	83.2	79.9	74.3	67.4	59.4	50.5
-10°	97.6	94.1	91.4	88.6	86.0	82.9	79.6	73.9	67.0	59.0	50.1
-12.5°	97.2	93.9	91.1	88.4	85.7	82.7	79.1	73.4	66.4	58.5	49.6
-15°	96.7	93.6	90.8	88.1	85.3	82.3	78.4	72.7	65.8	57.8	48.9
-17.5°	96.1	93.2	90.3	87.8	84.9	81.8	77.7	71.9	65.0	57.0	48.1
-20°	95.4	92.6	89.8	87.5	84.3	81.3	76.9	71.0	64.0	56.0	47.2



REPORT NUMBER: P558592 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	94.7	91.9	89.3	86.8	83.6	80.6	75.9	70.0	62.9	55.0	46.1
-25°	93.8	91.1	88.7	85.9	82.8	79.5	74.8	68.9	61.7	53.8	44.9
-27.5°	92.9	90.3	87.9	85.0	81.9	78.3	73.4	67.4	60.3	52.4	43.6
-30°	91.8	89.4	86.8	83.9	80.9	76.9	71.9	65.8	58.7	50.8	42.1
-32.5°	90.6	88.3	85.6	82.7	79.5	75.5	70.3	64.0	56.9	49.0	40.5
-35°	89.3	87.0	84.3	81.4	77.8	73.5	68.3	62.1	55.0	47.0	38.8
-37.5°	87.9	85.4	82.8	79.7	76.1	71.4	66.1	59.9	52.9	44.9	37.0
-40°	86.1	83.7	81.0	77.7	73.8	69.3	63.7	57.4	50.5	42.7	35.2
-42.5°	84.3	81.7	78.8	75.6	71.3	66.6	61.2	54.9	47.8	40.4	33.2
-45°	82.0	79.4	76.4	72.8	68.7	63.8	58.2	52.1	45.0	38.0	31.1
-47.5°	79.5	76.7	73.6	70.0	65.6	60.8	55.1	48.9	42.1	35.5	29.1
-50°	76.6	73.8	70.5	66.6	62.4	57.3	51.8	45.6	39.3	32.9	27.0
-52.5°	73.4	70.5	67.0	63.1	58.6	53.7	48.1	42.2	36.3	30.4	24.7
-55°	70.0	66.6	63.1	59.1	54.6	49.6	44.2	38.7	33.2	27.8	22.5
-57.5°	65.7	62.4	58.7	54.7	50.2	45.4	40.4	35.2	30.1	25.1	20.5
-60°	61.1	57.7	54.1	49.9	45.5	41.0	36.4	31.7	27.1	22.4	18.4
-62.5°	56.0	52.6	48.7	44.8	40.8	36.6	32.4	28.2	23.9	20.0	16.3
-65°	50.3	46.7	43.1	39.7	36.0	32.2	28.4	24.6	20.9	17.5	14.3
-67.5°	44.0	40.8	37.8	34.6	31.2	27.8	24.4	21.1	17.9	14.9	12.5
-70°	37.5	34.9	32.2	29.3	26.3	23.3	20.5	17.6	14.9	12.9	10.8
-72.5°	31.1	28.8	26.4	23.9	21.5	19.1	16.6	14.3	12.6	10.8	9.0
-75°	24.8	22.8	20.9	18.9	16.9	14.8	13.3	11.9	10.4	8.8	7.4
-77.5°	18.4	16.9	15.5	14.2	12.9	11.6	10.5	9.5	8.2	7.1	6.0
-80°	12.7	11.8	11.0	10.0	9.2	8.4	7.9	7.2	6.3	5.4	4.5
-82.5°	7.7	7.4	7.0	6.7	6.3	5.9	5.5	4.9	4.3	3.6	3.1
-85°	4.9	4.7	4.4	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.1
-87.5°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
-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):

	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°	0.9	0.8	0.7	0.5	0.3	0.2	0.0
85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
77.5°	4.9	4.0	3.2	2.5	1.7	0.9	0.0
75°	6.2	5.0	3.9	3.0	2.1	1.0	0.0
72.5°	7.4	6.1	4.7	3.5	2.4	1.2	0.0
70°	8.6	7.1	5.6	4.0	2.7	1.4	0.0
67.5°	10.2	8.1	6.4	4.6	3.1	1.5	0.0
65°	11.7	9.2	7.1	5.2	3.4	1.7	0.0
62.5°	13.2	10.4	7.9	5.8	3.7	1.8	0.0
60°	14.6	11.6	8.7	6.4	4.0	2.0	0.0
57.5°	16.4	12.8	9.6	6.9	4.4	2.1	0.0
55°	18.1	13.9	10.5	7.5	4.7	2.3	0.0
52.5°	19.7	15.0	11.3	8.0	5.1	2.4	0.0
50°	21.4	16.4	12.2	8.5	5.4	2.6	0.0
47.5°	23.0	17.7	13.0	9.0	5.7	2.7	0.0
45°	24.7	18.9	13.7	9.6	6.0	2.8	0.0
42.5°	26.4	20.1	14.5	10.1	6.3	2.9	0.0
40°	27.9	21.3	15.3	10.6	6.6	3.1	0.0
37.5°	29.4	22.3	16.1	11.1	6.9	3.2	0.0
35°	30.8	23.5	16.9	11.6	7.1	3.3	0.0
32.5°	32.2	24.6	17.7	12.0	7.4	3.4	0.0
30°	33.5	25.6	18.4	12.3	7.6	3.5	0.0
27.5°	34.8	26.5	19.1	12.7	7.8	3.5	0.0
25°	35.9	27.4	19.7	13.0	8.0	3.6	0.0
22.5°	36.9	28.2	20.2	13.3	8.2	3.7	0.0
20°	37.9	28.9	20.7	13.5	8.3	3.8	0.0
17.5°	38.7	29.5	21.2	13.7	8.4	3.8	0.0
15°	39.4	30.1	21.6	13.9	8.6	3.9	0.0
12.5°	40.1	30.5	21.9	14.1	8.7	3.9	0.0
10°	40.6	30.9	22.2	14.2	8.8	3.9	0.0
7.5°	41.0	31.2	22.4	14.3	8.8	4.0	0.0
5°	41.3	31.4	22.6	14.3	8.9	4.0	0.0
2.5°	41.4	31.6	22.7	14.3	8.9	4.0	0.0
0°	41.5	31.6	22.7	14.3	8.9	4.0	0.0
-2.5°	41.4	31.6	22.7	14.3	8.9	4.0	0.0
-5°	41.3	31.4	22.6	14.3	8.9	4.0	0.0
-7.5°	41.0	31.2	22.4	14.3	8.8	4.0	0.0
-10°	40.6	30.9	22.2	14.2	8.8	3.9	0.0
-12.5°	40.1	30.5	21.9	14.1	8.7	3.9	0.0
-15°	39.4	30.1	21.6	13.9	8.6	3.9	0.0
-17.5°	38.7	29.5	21.2	13.7	8.4	3.8	0.0
-20°	37.9	28.9	20.7	13.5	8.3	3.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.9	28.2	20.2	13.3	8.2	3.7	0.0
-25°	35.9	27.4	19.7	13.0	8.0	3.6	0.0
-27.5°	34.8	26.5	19.1	12.7	7.8	3.5	0.0
-30°	33.5	25.6	18.4	12.3	7.6	3.5	0.0
-32.5°	32.2	24.6	17.7	12.0	7.4	3.4	0.0
-35°	30.8	23.5	16.9	11.6	7.1	3.3	0.0
-37.5°	29.4	22.3	16.1	11.1	6.9	3.2	0.0
-40°	27.9	21.3	15.3	10.6	6.6	3.1	0.0
-42.5°	26.4	20.1	14.5	10.1	6.3	2.9	0.0
-45°	24.7	18.9	13.7	9.6	6.0	2.8	0.0
-47.5°	23.0	17.7	13.0	9.0	5.7	2.7	0.0
-50°	21.4	16.4	12.2	8.5	5.4	2.6	0.0
-52.5°	19.7	15.0	11.3	8.0	5.1	2.4	0.0
-55°	18.1	13.9	10.5	7.5	4.7	2.3	0.0
-57.5°	16.4	12.8	9.6	6.9	4.4	2.1	0.0
-60°	14.6	11.6	8.7	6.4	4.0	2.0	0.0
-62.5°	13.2	10.4	7.9	5.8	3.7	1.8	0.0
-65°	11.7	9.2	7.1	5.2	3.4	1.7	0.0
-67.5°	10.2	8.1	6.4	4.6	3.1	1.5	0.0
-70°	8.6	7.1	5.6	4.0	2.7	1.4	0.0
-72.5°	7.4	6.1	4.7	3.5	2.4	1.2	0.0
-75°	6.2	5.0	3.9	3.0	2.1	1.0	0.0
-77.5°	4.9	4.0	3.2	2.5	1.7	0.9	0.0
-80°	3.7	3.1	2.6	2.0	1.4	0.7	0.0
-82.5°	2.7	2.4	2.0	1.5	1.0	0.5	0.0
-85°	1.8	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	0.9	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)