

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: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558584 (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-SA1D-940-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

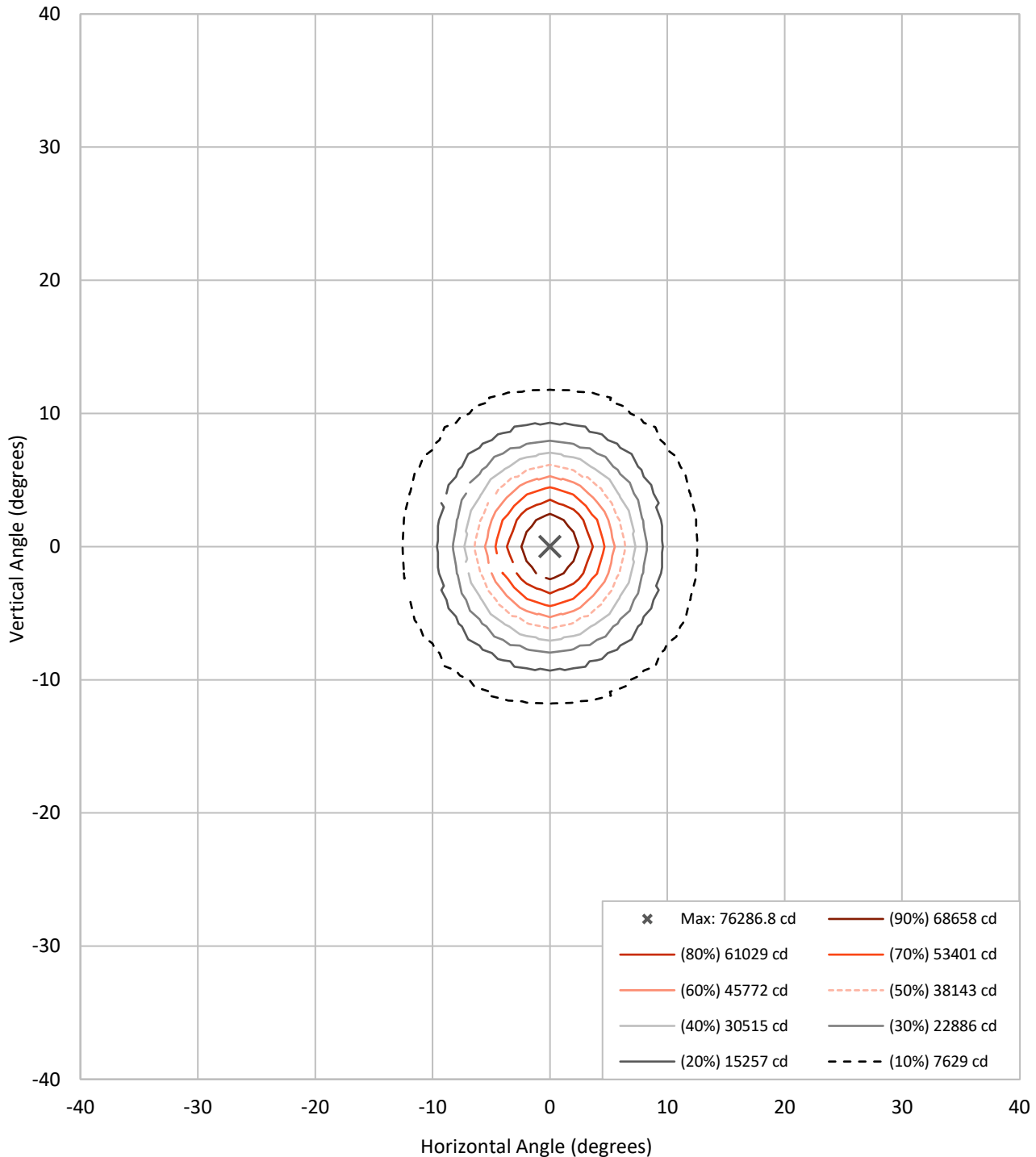
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	5529.8 lumens	Max Intensity:	76286.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1747.3 lumens	Field Lumens:	3870.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 55
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





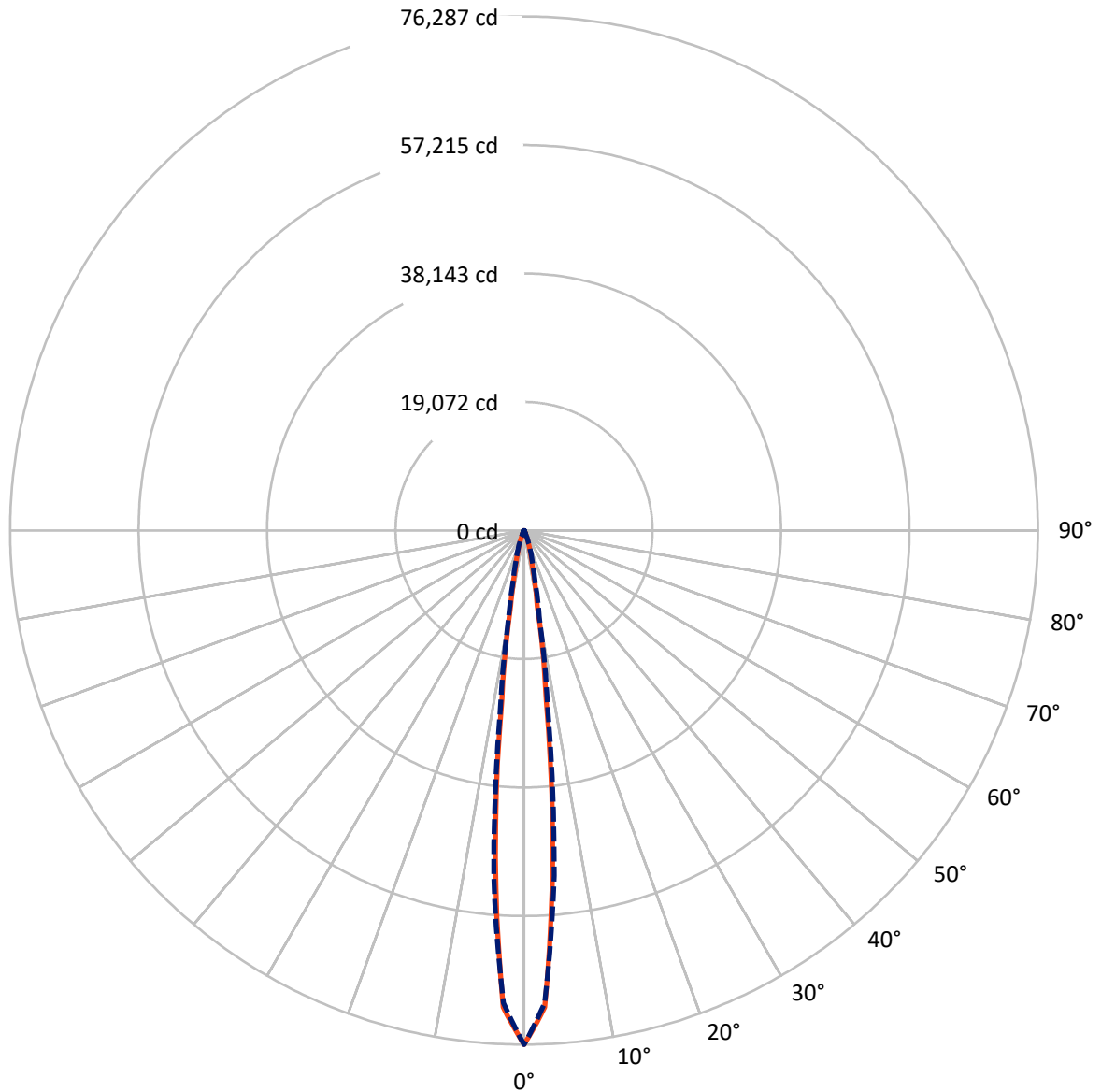
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Lumen Table

90	0.1	0.6	1.8	2.9	3.3	2.9	1.8	0.6	0.1						
80	0.1	0.6	1.8	2.9	3.3	2.9	1.8	0.6	0.1						
70	0.3	0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3
60		0.5	1.1	1.6	2.1	2.5	2.7	2.8	2.8	2.7	2.5	2.1	1.6	1.1	0.5
50	0.5	0.7	1.3	1.9	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.9	1.3	0.7
40		0.8	1.5	2.0	2.6	3.4	4.2	4.8	4.8	4.2	3.4	2.6	2.0	1.5	0.8
30	0.7	0.9	1.6	2.2	3.1	4.8	10.6	19.3	19.3	10.6	4.8	3.1	2.2	1.6	0.9
20		1.0	1.6	2.3	3.6	10.3	58.0	127.6	127.6	58.0	10.3	3.6	2.3	1.6	1.0
10	0.8	1.0	1.6	2.4	4.0	19.7	139.2	900.5	900.5	139.2	19.7	4.0	2.4	1.6	1.0
0		1.0	1.6	2.4	4.0	19.7	139.2	900.5	900.5	139.2	19.7	4.0	2.4	1.6	1.0
-10	0.7	1.0	1.6	2.3	3.6	10.3	58.0	127.6	127.6	58.0	10.3	3.6	2.3	1.6	1.0
-20		0.9	1.6	2.2	3.1	4.8	10.6	19.3	19.3	10.6	4.8	3.1	2.2	1.6	0.9
-30	0.5	0.8	1.5	2.0	2.6	3.4	4.2	4.8	4.8	4.2	3.4	2.6	2.0	1.5	0.8
-40		0.7	1.3	1.9	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.9	1.3	0.7
-50	0.3	0.5	1.1	1.6	2.1	2.5	2.7	2.8	2.8	2.7	2.5	2.1	1.6	1.1	0.5
-60		0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3
-70	0.1	0.6	1.8	2.9	3.3	2.9	1.8	0.6	0.1						
-80		0.1	0.6	1.8	2.9	3.3	2.9	1.8	0.6	0.1					
-90	0.1	0.6	1.8	2.9	3.3	2.9	1.8	0.6	0.1						

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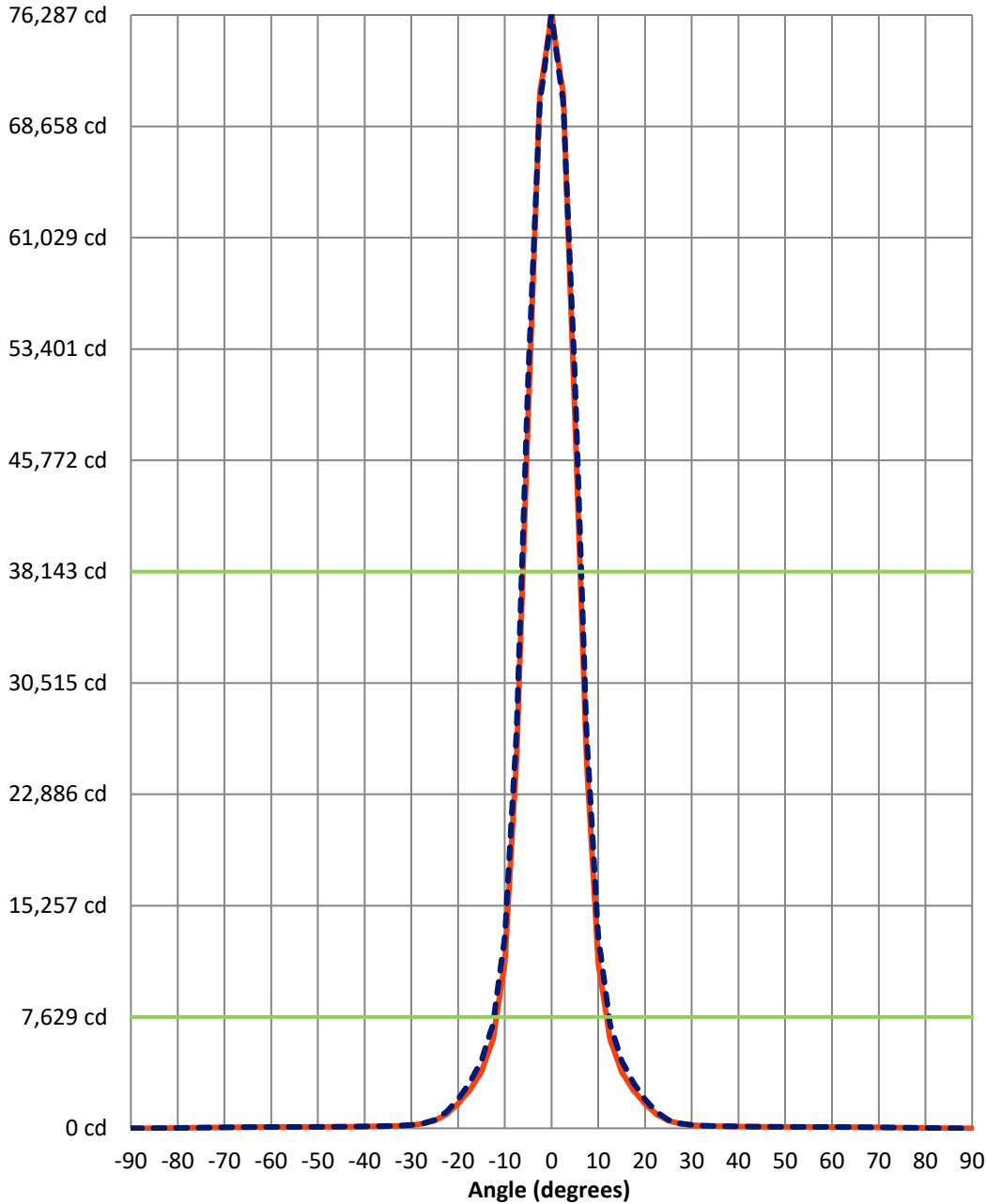
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 1747.3
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 3870.9
 Efficiency: 70.0%

Spill:
 Lumens: 1658.9
 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	0.5	0.7	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.4	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.4	5.1
80°	0.0	0.7	1.4	2.1	2.7	3.2	3.8	4.6	5.5	6.5	7.4
77.5°	0.0	0.9	1.8	2.6	3.3	4.1	5.1	6.2	7.3	8.5	9.8
75°	0.0	1.1	2.1	3.1	4.0	5.2	6.4	7.7	9.1	10.8	12.4
72.5°	0.0	1.2	2.5	3.6	4.9	6.3	7.6	9.3	11.3	13.1	14.9
70°	0.0	1.4	2.8	4.1	5.7	7.3	9.0	11.2	13.4	15.5	18.4
67.5°	0.0	1.6	3.1	4.7	6.6	8.4	10.6	13.0	15.5	18.7	22.0
65°	0.0	1.7	3.5	5.4	7.4	9.5	12.2	14.9	18.2	21.8	25.6
62.5°	0.0	1.9	3.8	6.0	8.2	10.8	13.7	17.0	20.8	24.9	29.3
60°	0.0	2.0	4.1	6.6	9.0	12.1	15.2	19.2	23.4	28.1	32.9
57.5°	0.0	2.2	4.5	7.1	9.9	13.3	17.0	21.3	26.1	31.3	36.6
55°	0.0	2.4	4.8	7.7	10.9	14.4	18.8	23.4	28.9	34.5	40.3
52.5°	0.0	2.5	5.2	8.2	11.8	15.6	20.5	25.7	31.6	37.7	43.9
50°	0.0	2.6	5.6	8.8	12.6	17.0	22.2	28.1	34.3	40.8	47.4
47.5°	0.0	2.8	5.9	9.3	13.5	18.4	23.9	30.3	36.9	43.8	50.8
45°	0.0	2.9	6.2	9.9	14.3	19.7	25.7	32.4	39.5	46.8	54.1
42.5°	0.0	3.0	6.5	10.5	15.0	20.9	27.4	34.5	42.0	49.7	57.0
40°	0.0	3.1	6.8	11.0	15.9	22.1	29.1	36.6	44.4	52.5	59.7
37.5°	0.0	3.3	7.1	11.5	16.8	23.2	30.6	38.5	46.7	55.0	62.2
35°	0.0	3.4	7.4	12.0	17.6	24.4	32.1	40.4	48.9	57.1	64.5
32.5°	0.0	3.5	7.6	12.4	18.4	25.5	33.5	42.1	50.9	59.1	66.5
30°	0.0	3.6	7.8	12.8	19.2	26.6	34.9	43.7	52.8	61.0	68.3
27.5°	0.0	3.6	8.0	13.2	19.8	27.6	36.2	45.3	54.5	62.7	70.0
25°	0.0	3.7	8.2	13.5	20.5	28.5	37.3	46.6	55.8	64.2	71.6
22.5°	0.0	3.8	8.4	13.8	21.0	29.3	38.4	47.9	57.1	65.4	72.8
20°	0.0	3.9	8.6	14.1	21.6	30.1	39.3	49.0	58.2	66.5	73.8
17.5°	0.0	3.9	8.7	14.3	22.0	30.7	40.2	50.0	59.2	67.5	74.8
15°	0.0	4.0	8.9	14.5	22.4	31.3	41.0	50.8	60.1	68.4	75.6
12.5°	0.0	4.0	9.0	14.6	22.8	31.8	41.6	51.5	60.8	69.1	76.3
10°	0.0	4.0	9.0	14.8	23.1	32.2	42.1	52.1	61.4	69.6	76.9
7.5°	0.0	4.1	9.1	14.8	23.3	32.5	42.6	52.5	61.8	70.0	77.3
5°	0.0	4.1	9.2	14.9	23.5	32.7	42.9	52.8	62.0	70.3	77.5
2.5°	0.0	4.1	9.2	14.9	23.6	32.9	43.0	52.9	62.1	70.4	77.6
0°	0.0	4.1	9.2	14.9	23.6	32.9	43.0	52.9	62.1	70.4	77.6
-2.5°	0.0	4.1	9.2	14.9	23.6	32.9	43.0	52.9	62.1	70.4	77.6
-5°	0.0	4.1	9.2	14.9	23.5	32.7	42.9	52.8	62.0	70.3	77.5
-7.5°	0.0	4.1	9.1	14.8	23.3	32.5	42.6	52.5	61.8	70.0	77.3
-10°	0.0	4.0	9.0	14.8	23.1	32.2	42.1	52.1	61.4	69.6	76.9
-12.5°	0.0	4.0	9.0	14.6	22.8	31.8	41.6	51.5	60.8	69.1	76.3
-15°	0.0	4.0	8.9	14.5	22.4	31.3	41.0	50.8	60.1	68.4	75.6
-17.5°	0.0	3.9	8.7	14.3	22.0	30.7	40.2	50.0	59.2	67.5	74.8
-20°	0.0	3.9	8.6	14.1	21.6	30.1	39.3	49.0	58.2	66.5	73.8



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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	3.8	8.4	13.8	21.0	29.3	38.4	47.9	57.1	65.4	72.8
-25°	0.0	3.7	8.2	13.5	20.5	28.5	37.3	46.6	55.8	64.2	71.6
-27.5°	0.0	3.6	8.0	13.2	19.8	27.6	36.2	45.3	54.5	62.7	70.0
-30°	0.0	3.6	7.8	12.8	19.2	26.6	34.9	43.7	52.8	61.0	68.3
-32.5°	0.0	3.5	7.6	12.4	18.4	25.5	33.5	42.1	50.9	59.1	66.5
-35°	0.0	3.4	7.4	12.0	17.6	24.4	32.1	40.4	48.9	57.1	64.5
-37.5°	0.0	3.3	7.1	11.5	16.8	23.2	30.6	38.5	46.7	55.0	62.2
-40°	0.0	3.1	6.8	11.0	15.9	22.1	29.1	36.6	44.4	52.5	59.7
-42.5°	0.0	3.0	6.5	10.5	15.0	20.9	27.4	34.5	42.0	49.7	57.0
-45°	0.0	2.9	6.2	9.9	14.3	19.7	25.7	32.4	39.5	46.8	54.1
-47.5°	0.0	2.8	5.9	9.3	13.5	18.4	23.9	30.3	36.9	43.8	50.8
-50°	0.0	2.6	5.6	8.8	12.6	17.0	22.2	28.1	34.3	40.8	47.4
-52.5°	0.0	2.5	5.2	8.2	11.8	15.6	20.5	25.7	31.6	37.7	43.9
-55°	0.0	2.4	4.8	7.7	10.9	14.4	18.8	23.4	28.9	34.5	40.3
-57.5°	0.0	2.2	4.5	7.1	9.9	13.3	17.0	21.3	26.1	31.3	36.6
-60°	0.0	2.0	4.1	6.6	9.0	12.1	15.2	19.2	23.4	28.1	32.9
-62.5°	0.0	1.9	3.8	6.0	8.2	10.8	13.7	17.0	20.8	24.9	29.3
-65°	0.0	1.7	3.5	5.4	7.4	9.5	12.2	14.9	18.2	21.8	25.6
-67.5°	0.0	1.6	3.1	4.7	6.6	8.4	10.6	13.0	15.5	18.7	22.0
-70°	0.0	1.4	2.8	4.1	5.7	7.3	9.0	11.2	13.4	15.5	18.4
-72.5°	0.0	1.2	2.5	3.6	4.9	6.3	7.6	9.3	11.3	13.1	14.9
-75°	0.0	1.1	2.1	3.1	4.0	5.2	6.4	7.7	9.1	10.8	12.4
-77.5°	0.0	0.9	1.8	2.6	3.3	4.1	5.1	6.2	7.3	8.5	9.8
-80°	0.0	0.7	1.4	2.1	2.7	3.2	3.8	4.6	5.5	6.5	7.4
-82.5°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.4	5.1
-85°	0.0	0.4	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.2	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.4	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-SA1D-940-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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.0	4.3	4.6	4.8	5.1	5.3	5.6	5.9	6.2
82.5°	5.7	6.1	6.6	6.9	7.3	7.6	8.0	8.6	9.4	10.1	10.8
80°	8.1	8.7	9.5	10.4	11.4	12.3	13.2	14.0	15.0	16.0	17.0
77.5°	10.9	12.1	13.4	14.7	16.1	17.6	19.2	20.8	22.2	23.5	24.6
75°	13.8	15.4	17.6	19.7	21.7	23.8	25.8	27.8	29.5	31.1	32.7
72.5°	17.3	19.9	22.4	24.9	27.5	30.0	32.3	34.5	36.7	38.9	41.0
70°	21.4	24.3	27.4	30.4	33.4	36.2	39.0	41.8	44.5	47.0	49.2
67.5°	25.4	28.9	32.4	35.9	39.2	42.4	45.7	48.9	51.9	54.5	56.8
65°	29.6	33.5	37.4	41.2	44.8	48.6	52.2	55.8	58.6	61.0	63.3
62.5°	33.6	38.1	42.4	46.5	50.6	54.7	58.2	61.4	64.3	66.9	69.4
60°	37.8	42.6	47.3	51.9	56.2	59.9	63.5	66.7	69.6	72.5	74.6
57.5°	42.0	47.2	52.2	56.9	61.0	64.8	68.3	71.6	74.2	76.5	78.8
55°	46.0	51.6	56.8	61.4	65.5	69.2	72.7	75.5	78.1	80.3	82.5
52.5°	50.0	55.8	60.9	65.5	69.6	73.2	76.3	79.1	81.5	83.7	85.5
50°	53.8	59.5	64.8	69.2	73.3	76.7	79.6	82.2	84.6	86.6	88.3
47.5°	57.3	63.2	68.2	72.7	76.5	79.8	82.5	85.1	87.4	89.2	90.8
45°	60.5	66.3	71.4	75.7	79.4	82.5	85.2	87.8	89.7	91.5	92.8
42.5°	63.6	69.2	74.1	78.6	81.9	84.8	87.6	89.8	91.8	93.4	94.8
40°	66.2	72.0	76.7	80.8	84.1	86.9	89.5	91.8	93.7	95.3	96.8
37.5°	68.6	74.2	79.1	82.8	86.0	88.8	91.3	93.4	95.4	97.0	99.0
35°	71.0	76.4	80.9	84.5	87.6	90.4	92.8	95.0	96.9	99.1	101.4
32.5°	73.0	78.4	82.6	85.9	89.0	91.8	94.2	96.4	98.6	101.1	104.0
30°	74.7	79.9	84.0	87.2	90.2	92.9	95.5	97.9	100.3	103.3	107.0
27.5°	76.3	81.3	85.1	88.3	91.3	93.8	96.5	99.2	102.1	105.5	110.2
25°	77.8	82.6	86.1	89.3	92.1	94.7	97.5	100.3	103.8	108.4	114.6
22.5°	78.9	83.7	86.9	90.2	92.8	95.6	98.4	101.5	105.5	111.0	119.1
20°	79.9	84.4	87.6	90.9	93.4	96.3	99.1	102.5	107.3	114.5	123.9
17.5°	80.7	85.0	88.2	91.3	93.9	96.9	99.8	103.3	108.8	117.8	128.3
15°	81.5	85.5	88.7	91.6	94.3	97.3	100.4	104.5	110.8	121.0	132.3
12.5°	82.1	85.9	89.1	91.8	94.7	97.6	101.0	105.4	113.0	124.0	136.3
10°	82.7	86.2	89.3	92.0	95.0	97.8	101.4	106.0	114.5	125.6	138.6
7.5°	83.0	86.4	89.5	92.1	95.1	97.9	101.7	106.4	115.4	126.5	139.9
5°	83.2	86.6	89.7	92.2	95.3	98.0	101.9	106.4	115.8	126.7	140.3
2.5°	83.3	86.8	89.9	92.4	95.4	98.3	102.4	106.9	116.2	127.3	140.6
0°	83.2	86.8	89.9	92.4	95.5	98.6	102.7	107.3	116.1	127.9	140.7
-2.5°	83.3	86.8	89.9	92.4	95.4	98.3	102.4	106.9	116.2	127.3	140.6
-5°	83.2	86.6	89.7	92.2	95.3	98.0	101.9	106.4	115.8	126.7	140.3
-7.5°	83.0	86.4	89.5	92.1	95.1	97.9	101.7	106.4	115.4	126.5	139.9
-10°	82.7	86.2	89.3	92.0	95.0	97.8	101.4	106.0	114.5	125.6	138.6
-12.5°	82.1	85.9	89.1	91.8	94.7	97.6	101.0	105.4	113.0	124.0	136.3
-15°	81.5	85.5	88.7	91.6	94.3	97.3	100.4	104.5	110.8	121.0	132.3
-17.5°	80.7	85.0	88.2	91.3	93.9	96.9	99.8	103.3	108.8	117.8	128.3
-20°	79.9	84.4	87.6	90.9	93.4	96.3	99.1	102.5	107.3	114.5	123.9



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	78.9	83.7	86.9	90.2	92.8	95.6	98.4	101.5	105.5	111.0	119.1
-25°	77.8	82.6	86.1	89.3	92.1	94.7	97.5	100.3	103.8	108.4	114.6
-27.5°	76.3	81.3	85.1	88.3	91.3	93.8	96.5	99.2	102.1	105.5	110.2
-30°	74.7	79.9	84.0	87.2	90.2	92.9	95.5	97.9	100.3	103.3	107.0
-32.5°	73.0	78.4	82.6	85.9	89.0	91.8	94.2	96.4	98.6	101.1	104.0
-35°	71.0	76.4	80.9	84.5	87.6	90.4	92.8	95.0	96.9	99.1	101.4
-37.5°	68.6	74.2	79.1	82.8	86.0	88.8	91.3	93.4	95.4	97.0	99.0
-40°	66.2	72.0	76.7	80.8	84.1	86.9	89.5	91.8	93.7	95.3	96.8
-42.5°	63.6	69.2	74.1	78.6	81.9	84.8	87.6	89.8	91.8	93.4	94.8
-45°	60.5	66.3	71.4	75.7	79.4	82.5	85.2	87.8	89.7	91.5	92.8
-47.5°	57.3	63.2	68.2	72.7	76.5	79.8	82.5	85.1	87.4	89.2	90.8
-50°	53.8	59.5	64.8	69.2	73.3	76.7	79.6	82.2	84.6	86.6	88.3
-52.5°	50.0	55.8	60.9	65.5	69.6	73.2	76.3	79.1	81.5	83.7	85.5
-55°	46.0	51.6	56.8	61.4	65.5	69.2	72.7	75.5	78.1	80.3	82.5
-57.5°	42.0	47.2	52.2	56.9	61.0	64.8	68.3	71.6	74.2	76.5	78.8
-60°	37.8	42.6	47.3	51.9	56.2	59.9	63.5	66.7	69.6	72.5	74.6
-62.5°	33.6	38.1	42.4	46.5	50.6	54.7	58.2	61.4	64.3	66.9	69.4
-65°	29.6	33.5	37.4	41.2	44.8	48.6	52.2	55.8	58.6	61.0	63.3
-67.5°	25.4	28.9	32.4	35.9	39.2	42.4	45.7	48.9	51.9	54.5	56.8
-70°	21.4	24.3	27.4	30.4	33.4	36.2	39.0	41.8	44.5	47.0	49.2
-72.5°	17.3	19.9	22.4	24.9	27.5	30.0	32.3	34.5	36.7	38.9	41.0
-75°	13.8	15.4	17.6	19.7	21.7	23.8	25.8	27.8	29.5	31.1	32.7
-77.5°	10.9	12.1	13.4	14.7	16.1	17.6	19.2	20.8	22.2	23.5	24.6
-80°	8.1	8.7	9.5	10.4	11.4	12.3	13.2	14.0	15.0	16.0	17.0
-82.5°	5.7	6.1	6.6	6.9	7.3	7.6	8.0	8.6	9.4	10.1	10.8
-85°	3.3	3.6	4.0	4.3	4.6	4.8	5.1	5.3	5.6	5.9	6.2
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	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



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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°	2.9	2.9	2.9	2.9	2.8	2.9	2.9	3.0	3.0	3.0	3.1
85°	6.5	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.3	8.4	8.5
82.5°	11.5	12.1	12.6	13.1	13.5	13.9	14.2	14.5	14.7	14.9	15.1
80°	17.9	18.8	19.7	20.5	21.2	21.8	22.2	22.6	22.9	23.3	23.6
77.5°	25.7	26.9	28.1	29.1	30.1	30.9	31.5	32.1	32.6	33.3	33.8
75°	34.3	35.8	37.1	38.4	39.5	40.6	41.5	42.3	43.0	43.6	44.2
72.5°	43.0	44.8	46.4	47.7	48.9	50.1	51.3	52.3	53.3	54.1	54.6
70°	51.2	53.1	54.8	56.3	57.7	59.2	60.6	62.0	63.3	64.1	64.5
67.5°	58.8	60.6	62.5	64.4	66.1	67.6	69.1	70.5	71.7	72.6	73.1
65°	65.5	67.6	69.6	71.6	73.3	74.6	76.0	77.3	78.5	79.5	80.2
62.5°	71.9	73.9	75.7	77.3	78.8	80.1	81.4	82.6	83.7	84.6	85.5
60°	76.7	78.8	80.5	82.0	83.4	84.7	85.8	86.6	87.3	87.9	88.5
57.5°	80.9	82.9	84.6	85.8	87.1	88.3	89.2	89.7	90.2	90.5	90.7
55°	84.5	86.1	87.5	88.9	90.1	91.2	92.0	92.3	92.6	92.7	92.8
52.5°	87.3	88.9	90.4	91.7	92.7	93.6	94.4	94.6	94.7	94.7	94.8
50°	90.0	91.5	92.7	93.8	94.8	95.6	96.3	96.6	96.8	96.8	96.7
47.5°	92.1	93.4	94.7	95.9	96.9	97.8	98.6	99.0	99.3	99.5	99.5
45°	94.0	95.5	96.9	98.2	99.4	100.6	101.6	102.4	103.1	103.6	103.8
42.5°	96.2	97.7	99.2	101.0	102.7	104.3	106.1	107.7	109.3	111.0	112.1
40°	98.4	100.1	102.4	104.6	107.1	109.4	113.0	116.7	119.5	121.8	124.0
37.5°	101.0	103.4	106.2	109.1	113.1	117.3	121.9	126.4	130.4	134.0	136.9
35°	104.0	107.2	110.6	115.7	120.8	126.0	131.5	137.6	142.7	146.5	149.2
32.5°	107.5	111.6	117.1	123.6	130.0	136.7	143.4	150.1	155.2	160.4	165.7
30°	111.5	117.4	124.6	132.5	140.3	148.3	156.7	166.1	175.0	184.6	198.3
27.5°	116.6	123.9	132.2	141.5	151.0	160.6	175.2	191.3	215.1	234.2	266.4
25°	122.1	130.5	140.5	151.3	162.9	180.0	206.8	238.5	294.6	338.1	404.2
22.5°	128.2	138.1	149.1	161.5	180.2	212.5	258.4	339.7	452.9	564.7	689.0
20°	134.1	145.1	157.2	175.9	207.8	258.9	358.2	534.0	730.5	1010.2	1244.9
17.5°	139.8	151.5	166.8	192.1	239.9	342.6	534.9	836.2	1246.5	1697.3	2073.2
15°	144.8	156.7	177.3	217.5	298.1	458.2	748.5	1261.2	1950.6	2567.9	3118.4
12.5°	149.0	163.1	188.7	238.0	348.7	585.6	1051.3	1779.4	2621.2	3486.8	4183.6
10°	152.1	169.9	203.9	275.9	429.1	737.3	1303.7	2222.2	3235.7	4287.8	5547.4
7.5°	153.9	174.8	215.5	304.0	500.8	906.1	1620.4	2617.4	3781.4	5217.7	7142.1
5°	155.2	178.1	224.1	325.2	548.7	1017.8	1820.3	2917.0	4252.2	6329.0	10289.5
2.5°	155.8	179.5	229.0	336.8	570.5	1075.2	1961.0	3088.4	4538.7	7113.0	12469.9
0°	155.6	178.7	229.6	339.5	573.7	1119.1	1984.4	3137.4	4635.5	7183.3	13168.9
-2.5°	155.8	179.5	229.0	336.8	570.5	1075.2	1961.0	3088.4	4538.7	7113.0	12469.9
-5°	155.2	178.1	224.1	325.2	548.7	1017.8	1820.3	2917.0	4252.2	6329.0	10289.5
-7.5°	153.9	174.8	215.5	304.0	500.8	906.1	1620.4	2617.4	3781.4	5217.7	7142.1
-10°	152.1	169.9	203.9	275.9	429.1	737.3	1303.7	2222.2	3235.7	4287.8	5547.4
-12.5°	149.0	163.1	188.7	238.0	348.7	585.6	1051.3	1779.4	2621.2	3486.8	4183.6
-15°	144.8	156.7	177.3	217.5	298.1	458.2	748.5	1261.2	1950.6	2567.9	3118.4
-17.5°	139.8	151.5	166.8	192.1	239.9	342.6	534.9	836.2	1246.5	1697.3	2073.2
-20°	134.1	145.1	157.2	175.9	207.8	258.9	358.2	534.0	730.5	1010.2	1244.9



REPORT NUMBER: P558584 (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°	128.2	138.1	149.1	161.5	180.2	212.5	258.4	339.7	452.9	564.7	689.0
-25°	122.1	130.5	140.5	151.3	162.9	180.0	206.8	238.5	294.6	338.1	404.2
-27.5°	116.6	123.9	132.2	141.5	151.0	160.6	175.2	191.3	215.1	234.2	266.4
-30°	111.5	117.4	124.6	132.5	140.3	148.3	156.7	166.1	175.0	184.6	198.3
-32.5°	107.5	111.6	117.1	123.6	130.0	136.7	143.4	150.1	155.2	160.4	165.7
-35°	104.0	107.2	110.6	115.7	120.8	126.0	131.5	137.6	142.7	146.5	149.2
-37.5°	101.0	103.4	106.2	109.1	113.1	117.3	121.9	126.4	130.4	134.0	136.9
-40°	98.4	100.1	102.4	104.6	107.1	109.4	113.0	116.7	119.5	121.8	124.0
-42.5°	96.2	97.7	99.2	101.0	102.7	104.3	106.1	107.7	109.3	111.0	112.1
-45°	94.0	95.5	96.9	98.2	99.4	100.6	101.6	102.4	103.1	103.6	103.8
-47.5°	92.1	93.4	94.7	95.9	96.9	97.8	98.6	99.0	99.3	99.5	99.5
-50°	90.0	91.5	92.7	93.8	94.8	95.6	96.3	96.6	96.8	96.8	96.7
-52.5°	87.3	88.9	90.4	91.7	92.7	93.6	94.4	94.6	94.7	94.7	94.8
-55°	84.5	86.1	87.5	88.9	90.1	91.2	92.0	92.3	92.6	92.7	92.8
-57.5°	80.9	82.9	84.6	85.8	87.1	88.3	89.2	89.7	90.2	90.5	90.7
-60°	76.7	78.8	80.5	82.0	83.4	84.7	85.8	86.6	87.3	87.9	88.5
-62.5°	71.9	73.9	75.7	77.3	78.8	80.1	81.4	82.6	83.7	84.6	85.5
-65°	65.5	67.6	69.6	71.6	73.3	74.6	76.0	77.3	78.5	79.5	80.2
-67.5°	58.8	60.6	62.5	64.4	66.1	67.6	69.1	70.5	71.7	72.6	73.1
-70°	51.2	53.1	54.8	56.3	57.7	59.2	60.6	62.0	63.3	64.1	64.5
-72.5°	43.0	44.8	46.4	47.7	48.9	50.1	51.3	52.3	53.3	54.1	54.6
-75°	34.3	35.8	37.1	38.4	39.5	40.6	41.5	42.3	43.0	43.6	44.2
-77.5°	25.7	26.9	28.1	29.1	30.1	30.9	31.5	32.1	32.6	33.3	33.8
-80°	17.9	18.8	19.7	20.5	21.2	21.8	22.2	22.6	22.9	23.3	23.6
-82.5°	11.5	12.1	12.6	13.1	13.5	13.9	14.2	14.5	14.7	14.9	15.1
-85°	6.5	6.8	7.1	7.4	7.6	7.8	8.0	8.2	8.3	8.4	8.5
-87.5°	2.9	2.9	2.9	2.9	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
85°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.2
82.5°	15.2	15.3	15.4	15.4	15.4	15.3	15.2	15.1	14.9	14.7	14.5
80°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.3	22.9	22.6
77.5°	34.3	34.7	34.8	34.9	34.8	34.7	34.3	33.8	33.3	32.6	32.1
75°	44.7	45.0	45.1	45.2	45.1	45.0	44.7	44.2	43.6	43.0	42.3
72.5°	55.0	55.2	55.7	56.0	55.7	55.2	55.0	54.6	54.1	53.3	52.3
70°	64.8	64.9	65.4	65.7	65.4	64.9	64.8	64.5	64.1	63.3	62.0
67.5°	73.5	73.7	73.6	73.4	73.6	73.7	73.5	73.1	72.6	71.7	70.5
65°	80.8	81.4	81.4	81.1	81.4	81.4	80.8	80.2	79.5	78.5	77.3
62.5°	86.2	87.0	87.2	87.3	87.2	87.0	86.2	85.5	84.6	83.7	82.6
60°	88.9	89.2	89.4	89.4	89.4	89.2	88.9	88.5	87.9	87.3	86.6
57.5°	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.7	90.5	90.2	89.7
55°	92.9	92.9	92.7	92.4	92.7	92.9	92.9	92.8	92.7	92.6	92.3
52.5°	94.7	94.5	94.3	94.0	94.3	94.5	94.7	94.8	94.7	94.7	94.6
50°	96.5	96.1	96.0	96.0	96.0	96.1	96.5	96.7	96.8	96.8	96.6
47.5°	99.4	99.1	99.0	99.1	99.0	99.1	99.4	99.5	99.5	99.3	99.0
45°	103.9	103.7	103.6	103.7	103.6	103.7	103.9	103.8	103.6	103.1	102.4
42.5°	112.8	112.8	112.8	113.0	112.8	112.8	112.8	112.1	111.0	109.3	107.7
40°	124.9	124.8	124.4	124.3	124.4	124.8	124.9	124.0	121.8	119.5	116.7
37.5°	138.1	138.1	137.6	137.6	137.6	138.1	138.1	136.9	134.0	130.4	126.4
35°	150.6	151.0	151.0	150.5	151.0	151.0	150.6	149.2	146.5	142.7	137.6
32.5°	169.4	172.2	173.7	173.1	173.7	172.2	169.4	165.7	160.4	155.2	150.1
30°	206.8	214.2	218.1	219.8	218.1	214.2	206.8	198.3	184.6	175.0	166.1
27.5°	289.5	305.9	313.2	315.8	313.2	305.9	289.5	266.4	234.2	215.1	191.3
25°	461.9	498.8	517.0	522.8	517.0	498.8	461.9	404.2	338.1	294.6	238.5
22.5°	825.9	897.0	945.5	956.3	945.5	897.0	825.9	689.0	564.7	452.9	339.7
20°	1480.9	1618.2	1692.7	1686.0	1692.7	1618.2	1480.9	1244.9	1010.2	730.5	534.0
17.5°	2392.8	2568.9	2652.7	2613.5	2652.7	2568.9	2392.8	2073.2	1697.3	1246.5	836.2
15°	3507.8	3745.7	3849.4	3881.5	3849.4	3745.7	3507.8	3118.4	2567.9	1950.6	1261.2
12.5°	4879.1	5659.1	6032.1	6132.0	6032.1	5659.1	4879.1	4183.6	3486.8	2621.2	1779.4
10°	6835.7	9457.4	11016.9	11397.6	11016.9	9457.4	6835.7	5547.4	4287.8	3235.7	2222.2
7.5°	11163.3	16490.8	22458.8	25285.0	22458.8	16490.8	11163.3	7142.1	5217.7	3781.4	2617.4
5°	17024.0	29546.5	43364.3	48781.1	43364.3	29546.5	17024.0	10289.5	6329.0	4252.2	2917.0
2.5°	24148.6	44612.9	63705.8	70823.2	63705.8	44612.9	24148.6	12469.9	7113.0	4538.7	3088.4
0°	27158.7	51433.7	70190.0	76286.8	70190.0	51433.7	27158.7	13168.9	7183.3	4635.5	3137.4
-2.5°	24148.6	44612.9	63705.8	70823.1	63705.8	44612.9	24148.6	12469.9	7113.0	4538.7	3088.4
-5°	17024.0	29546.5	43364.3	48781.1	43364.3	29546.5	17024.0	10289.5	6329.0	4252.2	2917.0
-7.5°	11163.3	16490.8	22458.8	25285.0	22458.8	16490.8	11163.3	7142.1	5217.7	3781.4	2617.4
-10°	6835.7	9457.4	11016.9	11397.6	11016.9	9457.4	6835.7	5547.4	4287.8	3235.7	2222.2
-12.5°	4879.1	5659.1	6032.1	6132.0	6032.1	5659.1	4879.1	4183.6	3486.8	2621.2	1779.4
-15°	3507.8	3745.7	3849.4	3881.5	3849.4	3745.7	3507.8	3118.4	2567.9	1950.6	1261.2
-17.5°	2392.8	2568.9	2652.7	2613.5	2652.7	2568.9	2392.8	2073.2	1697.3	1246.5	836.2
-20°	1480.9	1618.2	1692.7	1686.0	1692.7	1618.2	1480.9	1244.9	1010.2	730.5	534.0



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	825.9	897.0	945.5	956.3	945.5	897.0	825.9	689.0	564.7	452.9	339.7
-25°	461.9	498.8	517.0	522.8	517.0	498.8	461.9	404.2	338.1	294.6	238.5
-27.5°	289.5	305.9	313.2	315.8	313.2	305.9	289.5	266.4	234.2	215.1	191.3
-30°	206.8	214.2	218.1	219.8	218.1	214.2	206.8	198.3	184.6	175.0	166.1
-32.5°	169.4	172.2	173.7	173.1	173.7	172.2	169.4	165.7	160.4	155.2	150.1
-35°	150.6	151.0	151.0	150.5	151.0	151.0	150.6	149.2	146.5	142.7	137.6
-37.5°	138.1	138.1	137.6	137.6	137.6	138.1	138.1	136.9	134.0	130.4	126.4
-40°	124.9	124.8	124.4	124.3	124.4	124.8	124.9	124.0	121.8	119.5	116.7
-42.5°	112.8	112.8	112.8	113.0	112.8	112.8	112.8	112.1	111.0	109.3	107.7
-45°	103.9	103.7	103.6	103.7	103.6	103.7	103.9	103.8	103.6	103.1	102.4
-47.5°	99.4	99.1	99.0	99.1	99.0	99.1	99.4	99.5	99.5	99.3	99.0
-50°	96.5	96.1	96.0	96.0	96.0	96.1	96.5	96.7	96.8	96.8	96.6
-52.5°	94.7	94.5	94.3	94.0	94.3	94.5	94.7	94.8	94.7	94.7	94.6
-55°	92.9	92.9	92.7	92.4	92.7	92.9	92.9	92.8	92.7	92.6	92.3
-57.5°	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.7	90.5	90.2	89.7
-60°	88.9	89.2	89.4	89.4	89.4	89.2	88.9	88.5	87.9	87.3	86.6
-62.5°	86.2	87.0	87.2	87.3	87.2	87.0	86.2	85.5	84.6	83.7	82.6
-65°	80.8	81.4	81.4	81.1	81.4	81.4	80.8	80.2	79.5	78.5	77.3
-67.5°	73.5	73.7	73.6	73.4	73.6	73.7	73.5	73.1	72.6	71.7	70.5
-70°	64.8	64.9	65.4	65.7	65.4	64.9	64.8	64.5	64.1	63.3	62.0
-72.5°	55.0	55.2	55.7	56.0	55.7	55.2	55.0	54.6	54.1	53.3	52.3
-75°	44.7	45.0	45.1	45.2	45.1	45.0	44.7	44.2	43.6	43.0	42.3
-77.5°	34.3	34.7	34.8	34.9	34.8	34.7	34.3	33.8	33.3	32.6	32.1
-80°	23.8	24.0	24.1	24.1	24.1	24.0	23.8	23.6	23.3	22.9	22.6
-82.5°	15.2	15.3	15.4	15.4	15.4	15.3	15.2	15.1	14.9	14.7	14.5
-85°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.2
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	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: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.5
85°	8.0	7.8	7.6	7.4	7.1	6.8	6.5	6.2	5.9	5.6	5.3
82.5°	14.2	13.9	13.5	13.1	12.6	12.1	11.5	10.8	10.1	9.4	8.6
80°	22.2	21.8	21.2	20.5	19.7	18.8	17.9	17.0	16.0	15.0	14.0
77.5°	31.5	30.9	30.1	29.1	28.1	26.9	25.7	24.6	23.5	22.2	20.8
75°	41.5	40.6	39.5	38.4	37.1	35.8	34.3	32.7	31.1	29.5	27.8
72.5°	51.3	50.1	48.9	47.7	46.4	44.8	43.0	41.0	38.9	36.7	34.5
70°	60.6	59.2	57.7	56.3	54.8	53.1	51.2	49.2	47.0	44.5	41.8
67.5°	69.1	67.6	66.1	64.4	62.5	60.6	58.8	56.8	54.5	51.9	48.9
65°	76.0	74.6	73.3	71.6	69.6	67.6	65.5	63.3	61.0	58.6	55.8
62.5°	81.4	80.1	78.8	77.3	75.7	73.9	71.9	69.4	66.9	64.3	61.4
60°	85.8	84.7	83.4	82.0	80.5	78.8	76.7	74.6	72.5	69.6	66.7
57.5°	89.2	88.3	87.1	85.8	84.6	82.9	80.9	78.8	76.5	74.2	71.6
55°	92.0	91.2	90.1	88.9	87.5	86.1	84.5	82.5	80.3	78.1	75.5
52.5°	94.4	93.6	92.7	91.7	90.4	88.9	87.3	85.5	83.7	81.5	79.1
50°	96.3	95.6	94.8	93.8	92.7	91.5	90.0	88.3	86.6	84.6	82.2
47.5°	98.6	97.8	96.9	95.9	94.7	93.4	92.1	90.8	89.2	87.4	85.1
45°	101.6	100.6	99.4	98.2	96.9	95.5	94.0	92.8	91.5	89.7	87.8
42.5°	106.1	104.3	102.7	101.0	99.2	97.7	96.2	94.8	93.4	91.8	89.8
40°	113.0	109.4	107.1	104.6	102.4	100.1	98.4	96.8	95.3	93.7	91.8
37.5°	121.9	117.3	113.1	109.1	106.2	103.4	101.0	99.0	97.0	95.4	93.4
35°	131.5	126.0	120.8	115.7	110.6	107.2	104.0	101.4	99.1	96.9	95.0
32.5°	143.4	136.7	130.0	123.6	117.1	111.6	107.5	104.0	101.1	98.6	96.4
30°	156.7	148.3	140.3	132.5	124.6	117.4	111.5	107.0	103.3	100.3	97.9
27.5°	175.2	160.6	151.0	141.5	132.2	123.9	116.6	110.2	105.5	102.1	99.2
25°	206.8	180.0	162.9	151.3	140.5	130.5	122.1	114.6	108.4	103.8	100.3
22.5°	258.4	212.5	180.2	161.5	149.1	138.1	128.2	119.1	111.0	105.5	101.5
20°	358.2	258.9	207.8	175.9	157.2	145.1	134.1	123.9	114.5	107.3	102.5
17.5°	534.9	342.6	239.9	192.1	166.8	151.5	139.8	128.3	117.8	108.8	103.3
15°	748.5	458.2	298.1	217.5	177.3	156.7	144.8	132.3	121.0	110.8	104.5
12.5°	1051.3	585.6	348.7	238.0	188.7	163.1	149.0	136.3	124.0	113.0	105.4
10°	1303.7	737.3	429.1	275.9	203.9	169.9	152.1	138.6	125.6	114.5	106.0
7.5°	1620.4	906.1	500.8	304.0	215.5	174.8	153.9	139.9	126.5	115.4	106.4
5°	1820.3	1017.8	548.7	325.2	224.1	178.1	155.2	140.3	126.7	115.8	106.4
2.5°	1961.0	1075.2	570.5	336.8	229.0	179.5	155.8	140.6	127.3	116.2	106.9
0°	1984.4	1119.1	573.7	339.5	229.6	178.7	155.6	140.7	127.9	116.1	107.3
-2.5°	1961.0	1075.2	570.5	336.8	229.0	179.5	155.8	140.6	127.3	116.2	106.9
-5°	1820.3	1017.8	548.7	325.2	224.1	178.1	155.2	140.3	126.7	115.8	106.4
-7.5°	1620.4	906.1	500.8	304.0	215.5	174.8	153.9	139.9	126.5	115.4	106.4
-10°	1303.7	737.3	429.1	275.9	203.9	169.9	152.1	138.6	125.6	114.5	106.0
-12.5°	1051.3	585.6	348.7	238.0	188.7	163.1	149.0	136.3	124.0	113.0	105.4
-15°	748.5	458.2	298.1	217.5	177.3	156.7	144.8	132.3	121.0	110.8	104.5
-17.5°	534.9	342.6	239.9	192.1	166.8	151.5	139.8	128.3	117.8	108.8	103.3
-20°	358.2	258.9	207.8	175.9	157.2	145.1	134.1	123.9	114.5	107.3	102.5



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	258.4	212.5	180.2	161.5	149.1	138.1	128.2	119.1	111.0	105.5	101.5
-25°	206.8	180.0	162.9	151.3	140.5	130.5	122.1	114.6	108.4	103.8	100.3
-27.5°	175.2	160.6	151.0	141.5	132.2	123.9	116.6	110.2	105.5	102.1	99.2
-30°	156.7	148.3	140.3	132.5	124.6	117.4	111.5	107.0	103.3	100.3	97.9
-32.5°	143.4	136.7	130.0	123.6	117.1	111.6	107.5	104.0	101.1	98.6	96.4
-35°	131.5	126.0	120.8	115.7	110.6	107.2	104.0	101.4	99.1	96.9	95.0
-37.5°	121.9	117.3	113.1	109.1	106.2	103.4	101.0	99.0	97.0	95.4	93.4
-40°	113.0	109.4	107.1	104.6	102.4	100.1	98.4	96.8	95.3	93.7	91.8
-42.5°	106.1	104.3	102.7	101.0	99.2	97.7	96.2	94.8	93.4	91.8	89.8
-45°	101.6	100.6	99.4	98.2	96.9	95.5	94.0	92.8	91.5	89.7	87.8
-47.5°	98.6	97.8	96.9	95.9	94.7	93.4	92.1	90.8	89.2	87.4	85.1
-50°	96.3	95.6	94.8	93.8	92.7	91.5	90.0	88.3	86.6	84.6	82.2
-52.5°	94.4	93.6	92.7	91.7	90.4	88.9	87.3	85.5	83.7	81.5	79.1
-55°	92.0	91.2	90.1	88.9	87.5	86.1	84.5	82.5	80.3	78.1	75.5
-57.5°	89.2	88.3	87.1	85.8	84.6	82.9	80.9	78.8	76.5	74.2	71.6
-60°	85.8	84.7	83.4	82.0	80.5	78.8	76.7	74.6	72.5	69.6	66.7
-62.5°	81.4	80.1	78.8	77.3	75.7	73.9	71.9	69.4	66.9	64.3	61.4
-65°	76.0	74.6	73.3	71.6	69.6	67.6	65.5	63.3	61.0	58.6	55.8
-67.5°	69.1	67.6	66.1	64.4	62.5	60.6	58.8	56.8	54.5	51.9	48.9
-70°	60.6	59.2	57.7	56.3	54.8	53.1	51.2	49.2	47.0	44.5	41.8
-72.5°	51.3	50.1	48.9	47.7	46.4	44.8	43.0	41.0	38.9	36.7	34.5
-75°	41.5	40.6	39.5	38.4	37.1	35.8	34.3	32.7	31.1	29.5	27.8
-77.5°	31.5	30.9	30.1	29.1	28.1	26.9	25.7	24.6	23.5	22.2	20.8
-80°	22.2	21.8	21.2	20.5	19.7	18.8	17.9	17.0	16.0	15.0	14.0
-82.5°	14.2	13.9	13.5	13.1	12.6	12.1	11.5	10.8	10.1	9.4	8.6
-85°	8.0	7.8	7.6	7.4	7.1	6.8	6.5	6.2	5.9	5.6	5.3
-87.5°	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.7	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: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
85°	5.1	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.8	2.5	2.2
82.5°	8.0	7.6	7.3	6.9	6.6	6.1	5.7	5.1	4.4	3.7	3.2
80°	13.2	12.3	11.4	10.4	9.5	8.7	8.1	7.4	6.5	5.5	4.6
77.5°	19.2	17.6	16.1	14.7	13.4	12.1	10.9	9.8	8.5	7.3	6.2
75°	25.8	23.8	21.7	19.7	17.6	15.4	13.8	12.4	10.8	9.1	7.7
72.5°	32.3	30.0	27.5	24.9	22.4	19.9	17.3	14.9	13.1	11.3	9.3
70°	39.0	36.2	33.4	30.4	27.4	24.3	21.4	18.4	15.5	13.4	11.2
67.5°	45.7	42.4	39.2	35.9	32.4	28.9	25.4	22.0	18.7	15.5	13.0
65°	52.2	48.6	44.8	41.2	37.4	33.5	29.6	25.6	21.8	18.2	14.9
62.5°	58.2	54.7	50.6	46.5	42.4	38.1	33.6	29.3	24.9	20.8	17.0
60°	63.5	59.9	56.2	51.9	47.3	42.6	37.8	32.9	28.1	23.4	19.2
57.5°	68.3	64.8	61.0	56.9	52.2	47.2	42.0	36.6	31.3	26.1	21.3
55°	72.7	69.2	65.5	61.4	56.8	51.6	46.0	40.3	34.5	28.9	23.4
52.5°	76.3	73.2	69.6	65.5	60.9	55.8	50.0	43.9	37.7	31.6	25.7
50°	79.6	76.7	73.3	69.2	64.8	59.5	53.8	47.4	40.8	34.3	28.1
47.5°	82.5	79.8	76.5	72.7	68.2	63.2	57.3	50.8	43.8	36.9	30.3
45°	85.2	82.5	79.4	75.7	71.4	66.3	60.5	54.1	46.8	39.5	32.4
42.5°	87.6	84.8	81.9	78.6	74.1	69.2	63.6	57.0	49.7	42.0	34.5
40°	89.5	86.9	84.1	80.8	76.7	72.0	66.2	59.7	52.5	44.4	36.6
37.5°	91.3	88.8	86.0	82.8	79.1	74.2	68.6	62.2	55.0	46.7	38.5
35°	92.8	90.4	87.6	84.5	80.9	76.4	71.0	64.5	57.1	48.9	40.4
32.5°	94.2	91.8	89.0	85.9	82.6	78.4	73.0	66.5	59.1	50.9	42.1
30°	95.5	92.9	90.2	87.2	84.0	79.9	74.7	68.3	61.0	52.8	43.7
27.5°	96.5	93.8	91.3	88.3	85.1	81.3	76.3	70.0	62.7	54.5	45.3
25°	97.5	94.7	92.1	89.3	86.1	82.6	77.8	71.6	64.2	55.8	46.6
22.5°	98.4	95.6	92.8	90.2	86.9	83.7	78.9	72.8	65.4	57.1	47.9
20°	99.1	96.3	93.4	90.9	87.6	84.4	79.9	73.8	66.5	58.2	49.0
17.5°	99.8	96.9	93.9	91.3	88.2	85.0	80.7	74.8	67.5	59.2	50.0
15°	100.4	97.3	94.3	91.6	88.7	85.5	81.5	75.6	68.4	60.1	50.8
12.5°	101.0	97.6	94.7	91.8	89.1	85.9	82.1	76.3	69.1	60.8	51.5
10°	101.4	97.8	95.0	92.0	89.3	86.2	82.7	76.9	69.6	61.4	52.1
7.5°	101.7	97.9	95.1	92.1	89.5	86.4	83.0	77.3	70.0	61.8	52.5
5°	101.9	98.0	95.3	92.2	89.7	86.6	83.2	77.5	70.3	62.0	52.8
2.5°	102.4	98.3	95.4	92.4	89.9	86.8	83.3	77.6	70.4	62.1	52.9
0°	102.7	98.6	95.5	92.4	89.9	86.8	83.2	77.5	70.4	62.1	52.9
-2.5°	102.4	98.3	95.4	92.4	89.9	86.8	83.3	77.6	70.4	62.1	52.9
-5°	101.9	98.0	95.3	92.2	89.7	86.6	83.2	77.5	70.3	62.0	52.8
-7.5°	101.7	97.9	95.1	92.1	89.5	86.4	83.0	77.3	70.0	61.8	52.5
-10°	101.4	97.8	95.0	92.0	89.3	86.2	82.7	76.9	69.6	61.4	52.1
-12.5°	101.0	97.6	94.7	91.8	89.1	85.9	82.1	76.3	69.1	60.8	51.5
-15°	100.4	97.3	94.3	91.6	88.7	85.5	81.5	75.6	68.4	60.1	50.8
-17.5°	99.8	96.9	93.9	91.3	88.2	85.0	80.7	74.8	67.5	59.2	50.0
-20°	99.1	96.3	93.4	90.9	87.6	84.4	79.9	73.8	66.5	58.2	49.0



REPORT NUMBER: P558584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	98.4	95.6	92.8	90.2	86.9	83.7	78.9	72.8	65.4	57.1	47.9
-25°	97.5	94.7	92.1	89.3	86.1	82.6	77.8	71.6	64.2	55.8	46.6
-27.5°	96.5	93.8	91.3	88.3	85.1	81.3	76.3	70.0	62.7	54.5	45.3
-30°	95.5	92.9	90.2	87.2	84.0	79.9	74.7	68.3	61.0	52.8	43.7
-32.5°	94.2	91.8	89.0	85.9	82.6	78.4	73.0	66.5	59.1	50.9	42.1
-35°	92.8	90.4	87.6	84.5	80.9	76.4	71.0	64.5	57.1	48.9	40.4
-37.5°	91.3	88.8	86.0	82.8	79.1	74.2	68.6	62.2	55.0	46.7	38.5
-40°	89.5	86.9	84.1	80.8	76.7	72.0	66.2	59.7	52.5	44.4	36.6
-42.5°	87.6	84.8	81.9	78.6	74.1	69.2	63.6	57.0	49.7	42.0	34.5
-45°	85.2	82.5	79.4	75.7	71.4	66.3	60.5	54.1	46.8	39.5	32.4
-47.5°	82.5	79.8	76.5	72.7	68.2	63.2	57.3	50.8	43.8	36.9	30.3
-50°	79.6	76.7	73.3	69.2	64.8	59.5	53.8	47.4	40.8	34.3	28.1
-52.5°	76.3	73.2	69.6	65.5	60.9	55.8	50.0	43.9	37.7	31.6	25.7
-55°	72.7	69.2	65.5	61.4	56.8	51.6	46.0	40.3	34.5	28.9	23.4
-57.5°	68.3	64.8	61.0	56.9	52.2	47.2	42.0	36.6	31.3	26.1	21.3
-60°	63.5	59.9	56.2	51.9	47.3	42.6	37.8	32.9	28.1	23.4	19.2
-62.5°	58.2	54.7	50.6	46.5	42.4	38.1	33.6	29.3	24.9	20.8	17.0
-65°	52.2	48.6	44.8	41.2	37.4	33.5	29.6	25.6	21.8	18.2	14.9
-67.5°	45.7	42.4	39.2	35.9	32.4	28.9	25.4	22.0	18.7	15.5	13.0
-70°	39.0	36.2	33.4	30.4	27.4	24.3	21.4	18.4	15.5	13.4	11.2
-72.5°	32.3	30.0	27.5	24.9	22.4	19.9	17.3	14.9	13.1	11.3	9.3
-75°	25.8	23.8	21.7	19.7	17.6	15.4	13.8	12.4	10.8	9.1	7.7
-77.5°	19.2	17.6	16.1	14.7	13.4	12.1	10.9	9.8	8.5	7.3	6.2
-80°	13.2	12.3	11.4	10.4	9.5	8.7	8.1	7.4	6.5	5.5	4.6
-82.5°	8.0	7.6	7.3	6.9	6.6	6.1	5.7	5.1	4.4	3.7	3.2
-85°	5.1	4.8	4.6	4.3	4.0	3.6	3.3	3.0	2.8	2.5	2.2
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	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	0.4	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
82.5°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
80°	3.8	3.2	2.7	2.1	1.4	0.7	0.0
77.5°	5.1	4.1	3.3	2.6	1.8	0.9	0.0
75°	6.4	5.2	4.0	3.1	2.1	1.1	0.0
72.5°	7.6	6.3	4.9	3.6	2.5	1.2	0.0
70°	9.0	7.3	5.7	4.1	2.8	1.4	0.0
67.5°	10.6	8.4	6.6	4.7	3.1	1.6	0.0
65°	12.2	9.5	7.4	5.4	3.5	1.7	0.0
62.5°	13.7	10.8	8.2	6.0	3.8	1.9	0.0
60°	15.2	12.1	9.0	6.6	4.1	2.0	0.0
57.5°	17.0	13.3	9.9	7.1	4.5	2.2	0.0
55°	18.8	14.4	10.9	7.7	4.8	2.4	0.0
52.5°	20.5	15.6	11.8	8.2	5.2	2.5	0.0
50°	22.2	17.0	12.6	8.8	5.6	2.6	0.0
47.5°	23.9	18.4	13.5	9.3	5.9	2.8	0.0
45°	25.7	19.7	14.3	9.9	6.2	2.9	0.0
42.5°	27.4	20.9	15.0	10.5	6.5	3.0	0.0
40°	29.1	22.1	15.9	11.0	6.8	3.1	0.0
37.5°	30.6	23.2	16.8	11.5	7.1	3.3	0.0
35°	32.1	24.4	17.6	12.0	7.4	3.4	0.0
32.5°	33.5	25.5	18.4	12.4	7.6	3.5	0.0
30°	34.9	26.6	19.2	12.8	7.8	3.6	0.0
27.5°	36.2	27.6	19.8	13.2	8.0	3.6	0.0
25°	37.3	28.5	20.5	13.5	8.2	3.7	0.0
22.5°	38.4	29.3	21.0	13.8	8.4	3.8	0.0
20°	39.3	30.1	21.6	14.1	8.6	3.9	0.0
17.5°	40.2	30.7	22.0	14.3	8.7	3.9	0.0
15°	41.0	31.3	22.4	14.5	8.9	4.0	0.0
12.5°	41.6	31.8	22.8	14.6	9.0	4.0	0.0
10°	42.1	32.2	23.1	14.8	9.0	4.0	0.0
7.5°	42.6	32.5	23.3	14.8	9.1	4.1	0.0
5°	42.9	32.7	23.5	14.9	9.2	4.1	0.0
2.5°	43.0	32.9	23.6	14.9	9.2	4.1	0.0
0°	43.1	32.9	23.6	14.9	9.2	4.1	0.0
-2.5°	43.0	32.9	23.6	14.9	9.2	4.1	0.0
-5°	42.9	32.7	23.5	14.9	9.2	4.1	0.0
-7.5°	42.6	32.5	23.3	14.8	9.1	4.1	0.0
-10°	42.1	32.2	23.1	14.8	9.0	4.0	0.0
-12.5°	41.6	31.8	22.8	14.6	9.0	4.0	0.0
-15°	41.0	31.3	22.4	14.5	8.9	4.0	0.0
-17.5°	40.2	30.7	22.0	14.3	8.7	3.9	0.0
-20°	39.3	30.1	21.6	14.1	8.6	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.4	29.3	21.0	13.8	8.4	3.8	0.0
-25°	37.3	28.5	20.5	13.5	8.2	3.7	0.0
-27.5°	36.2	27.6	19.8	13.2	8.0	3.6	0.0
-30°	34.9	26.6	19.2	12.8	7.8	3.6	0.0
-32.5°	33.5	25.5	18.4	12.4	7.6	3.5	0.0
-35°	32.1	24.4	17.6	12.0	7.4	3.4	0.0
-37.5°	30.6	23.2	16.8	11.5	7.1	3.3	0.0
-40°	29.1	22.1	15.9	11.0	6.8	3.1	0.0
-42.5°	27.4	20.9	15.0	10.5	6.5	3.0	0.0
-45°	25.7	19.7	14.3	9.9	6.2	2.9	0.0
-47.5°	23.9	18.4	13.5	9.3	5.9	2.8	0.0
-50°	22.2	17.0	12.6	8.8	5.6	2.6	0.0
-52.5°	20.5	15.6	11.8	8.2	5.2	2.5	0.0
-55°	18.8	14.4	10.9	7.7	4.8	2.4	0.0
-57.5°	17.0	13.3	9.9	7.1	4.5	2.2	0.0
-60°	15.2	12.1	9.0	6.6	4.1	2.0	0.0
-62.5°	13.7	10.8	8.2	6.0	3.8	1.9	0.0
-65°	12.2	9.5	7.4	5.4	3.5	1.7	0.0
-67.5°	10.6	8.4	6.6	4.7	3.1	1.6	0.0
-70°	9.0	7.3	5.7	4.1	2.8	1.4	0.0
-72.5°	7.6	6.3	4.9	3.6	2.5	1.2	0.0
-75°	6.4	5.2	4.0	3.1	2.1	1.1	0.0
-77.5°	5.1	4.1	3.3	2.6	1.8	0.9	0.0
-80°	3.8	3.2	2.7	2.1	1.4	0.7	0.0
-82.5°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
-87.5°	0.9	0.8	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)