

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: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-927-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

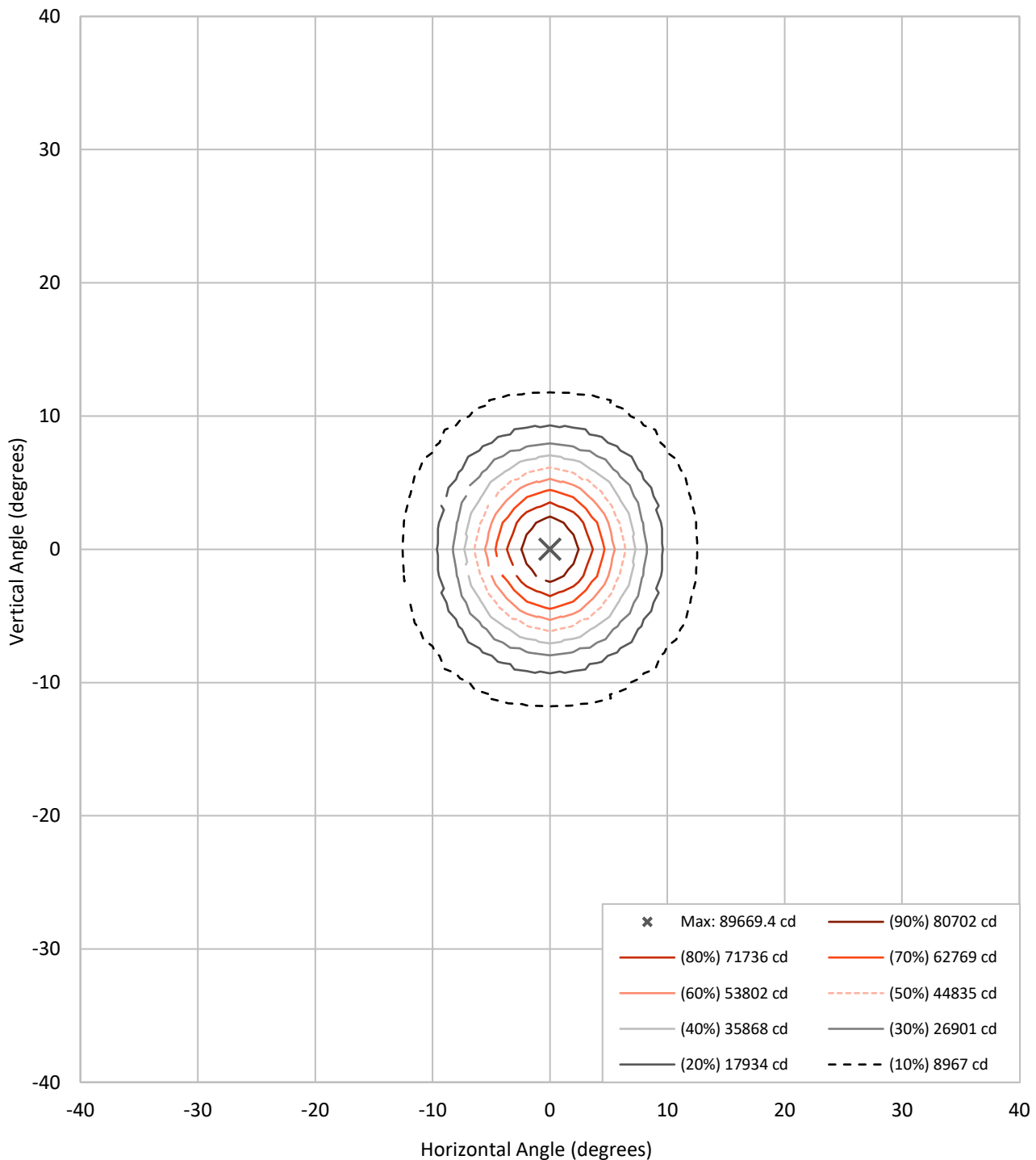
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	6499.8 lumens	Max Intensity:	89669.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2053.8 lumens	Field Lumens:	4550 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



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Iso-Candela Plot





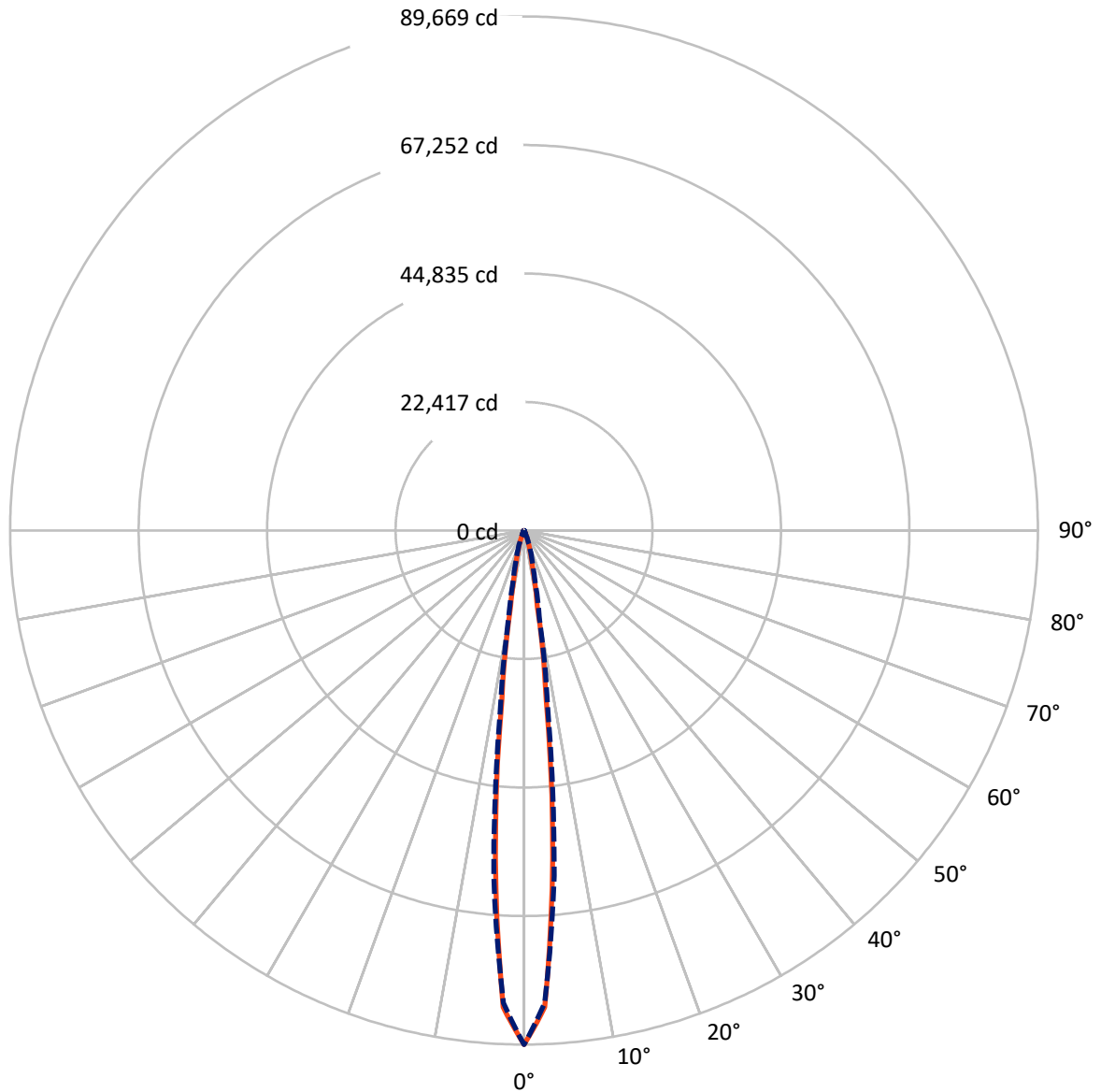
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Lumen Table

90	0.1	0.8	2.1	3.4	3.9	3.4	2.1	0.8	0.1							
80	0.1	0.8	2.1	3.4	3.9	3.4	2.1	0.8	0.1							
70	0.3	0.4	0.8	1.4	1.9	2.3	2.7	2.8	2.8	2.7	2.3	1.9	1.4	0.8	0.4	0.3
60		0.6	1.3	1.9	2.5	2.9	3.2	3.3	3.3	3.2	2.9	2.5	1.9	1.3	0.6	
50	0.6	0.8	1.5	2.2	2.8	3.2	3.6	3.8	3.8	3.6	3.2	2.8	2.2	1.5	0.8	0.6
40		1.0	1.7	2.4	3.1	4.0	5.0	5.6	5.6	5.0	4.0	3.1	2.4	1.7	1.0	
30	0.8	1.1	1.8	2.6	3.6	5.6	12.5	22.7	22.7	12.5	5.6	3.6	2.6	1.8	1.1	0.8
20		1.1	1.9	2.7	4.3	12.1	68.2	149.9	149.9	68.2	12.1	4.3	2.7	1.9	1.1	
10	0.9	1.2	1.9	2.8	4.8	23.2	163.6	1058.4	1058.4	163.6	23.2	4.8	2.8	1.9	1.2	0.9
0		1.2	1.9	2.8	4.8	23.2	163.6	1058.4	1058.4	163.6	23.2	4.8	2.8	1.9	1.2	
-10	0.8	1.1	1.9	2.7	4.3	12.1	68.2	149.9	149.9	68.2	12.1	4.3	2.7	1.9	1.1	0.8
-20		1.1	1.8	2.6	3.6	5.6	12.5	22.7	22.7	12.5	5.6	3.6	2.6	1.8	1.1	
-30	0.6	1.0	1.7	2.4	3.1	4.0	5.0	5.6	5.6	5.0	4.0	3.1	2.4	1.7	1.0	0.6
-40		0.8	1.5	2.2	2.8	3.2	3.6	3.8	3.8	3.6	3.2	2.8	2.2	1.5	0.8	
-50	0.3	0.6	1.3	1.9	2.5	2.9	3.2	3.3	3.3	3.2	2.9	2.5	1.9	1.3	0.6	0.3
-60		0.4	0.8	1.4	1.9	2.3	2.7	2.8	2.8	2.7	2.3	1.9	1.4	0.8	0.4	
-70	0.1	0.8	2.1	3.4	3.9	3.4	2.1	0.8	0.1							
-80		0.1	0.8	2.1	3.4	3.9	3.4	2.1	0.8	0.1						
-90	0.1	0.8	2.1	3.4	3.9	3.4	2.1	0.8	0.1							

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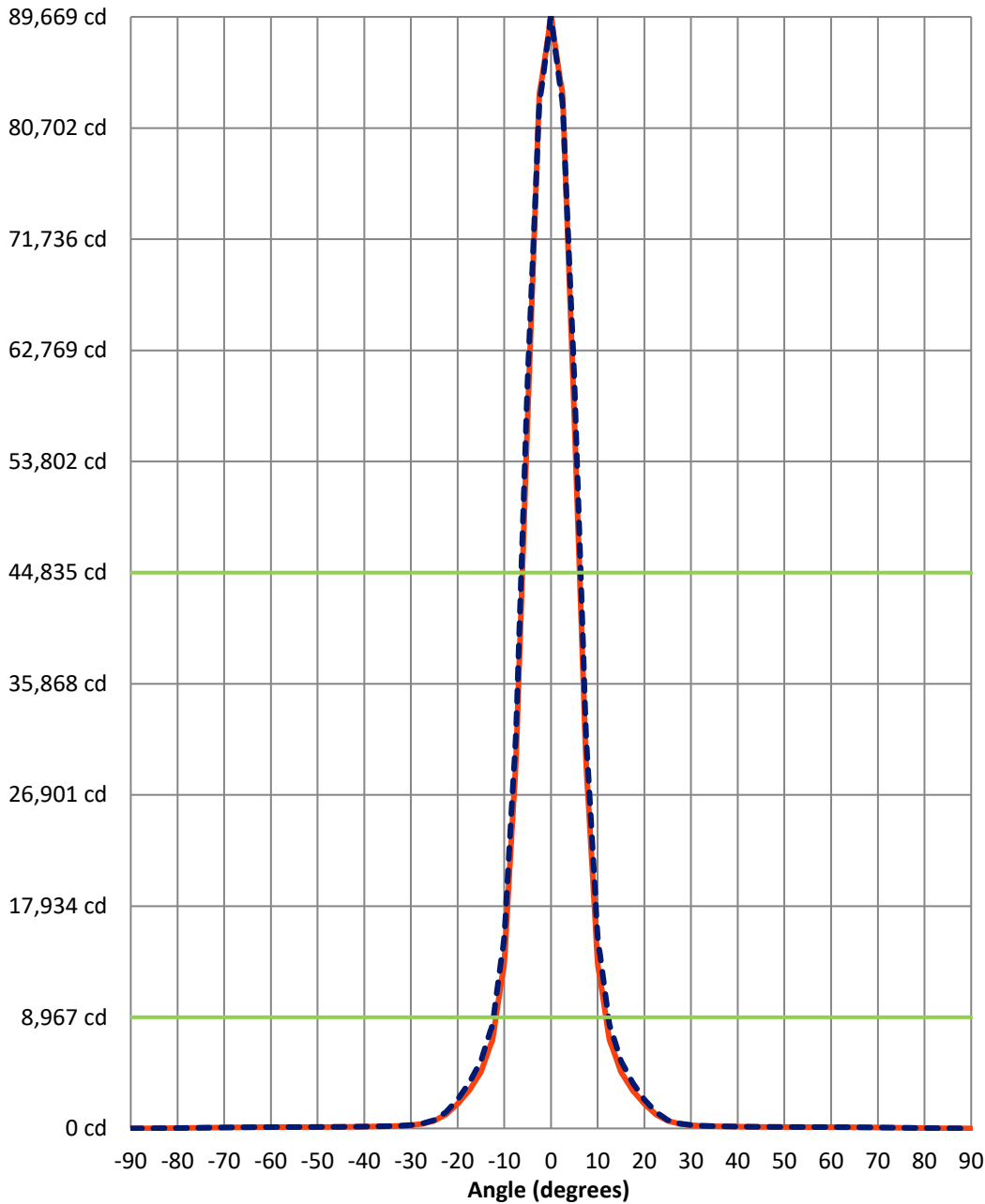
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 2053.8
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 4550
Efficiency: 70.0%

Spill:
Lumens: 1949.9
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	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.2	2.5	2.9	3.2	3.5
82.5°	0.0	0.6	1.3	1.8	2.3	2.8	3.3	3.8	4.4	5.1	6.0
80°	0.0	0.8	1.7	2.4	3.1	3.8	4.4	5.4	6.5	7.6	8.8
77.5°	0.0	1.0	2.1	3.0	3.9	4.8	6.0	7.3	8.6	10.1	11.6
75°	0.0	1.2	2.5	3.6	4.7	6.1	7.5	9.1	10.8	12.7	14.6
72.5°	0.0	1.4	2.9	4.2	5.7	7.4	9.0	11.0	13.3	15.5	17.5
70°	0.0	1.6	3.3	4.8	6.7	8.7	10.6	13.2	15.7	18.2	21.6
67.5°	0.0	1.8	3.7	5.6	7.7	9.9	12.5	15.3	18.2	21.9	25.8
65°	0.0	2.0	4.1	6.3	8.7	11.3	14.3	17.5	21.4	25.6	30.1
62.5°	0.0	2.2	4.4	7.0	9.7	12.8	16.1	20.0	24.5	29.2	34.4
60°	0.0	2.4	4.8	7.7	10.6	14.2	17.9	22.6	27.5	33.1	38.7
57.5°	0.0	2.6	5.2	8.4	11.7	15.6	20.0	25.1	30.7	36.8	43.0
55°	0.0	2.8	5.7	9.1	12.8	17.0	22.1	27.5	34.0	40.5	47.3
52.5°	0.0	2.9	6.1	9.8	13.9	18.4	24.2	30.3	37.1	44.3	51.5
50°	0.0	3.1	6.5	10.4	14.9	20.0	26.2	33.0	40.2	47.9	55.6
47.5°	0.0	3.2	6.9	11.0	15.9	21.6	28.1	35.6	43.4	51.5	59.7
45°	0.0	3.4	7.3	11.7	16.8	23.2	30.2	38.0	46.4	55.0	63.6
42.5°	0.0	3.5	7.7	12.4	17.7	24.6	32.2	40.5	49.3	58.4	67.0
40°	0.0	3.7	8.0	13.0	18.7	26.0	34.2	42.9	52.1	61.7	70.2
37.5°	0.0	3.8	8.4	13.6	19.7	27.4	36.0	45.3	54.9	64.7	73.2
35°	0.0	3.9	8.7	14.1	20.7	28.7	37.7	47.4	57.5	67.2	75.9
32.5°	0.0	4.0	9.0	14.6	21.7	30.1	39.3	49.5	59.9	69.5	78.2
30°	0.0	4.2	9.3	15.1	22.6	31.3	40.9	51.4	62.1	71.7	80.3
27.5°	0.0	4.3	9.5	15.5	23.4	32.4	42.5	53.2	64.0	73.7	82.3
25°	0.0	4.4	9.8	15.9	24.1	33.5	43.8	54.9	65.7	75.4	84.1
22.5°	0.0	4.4	10.0	16.3	24.8	34.4	45.1	56.3	67.1	76.8	85.5
20°	0.0	4.5	10.2	16.6	25.4	35.3	46.2	57.7	68.5	78.2	86.8
17.5°	0.0	4.6	10.3	16.8	25.9	36.1	47.3	58.8	69.6	79.3	87.9
15°	0.0	4.6	10.5	17.0	26.4	36.7	48.2	59.8	70.6	80.3	88.9
12.5°	0.0	4.7	10.6	17.2	26.8	37.3	48.9	60.6	71.4	81.1	89.7
10°	0.0	4.7	10.7	17.3	27.2	37.8	49.6	61.3	72.1	81.8	90.4
7.5°	0.0	4.8	10.8	17.4	27.4	38.1	50.1	61.8	72.6	82.3	90.8
5°	0.0	4.8	10.9	17.5	27.6	38.4	50.4	62.1	72.9	82.6	91.1
2.5°	0.0	4.8	10.9	17.5	27.8	38.5	50.6	62.2	73.0	82.7	91.3
0°	0.0	4.8	10.9	17.5	27.8	38.5	50.6	62.2	73.0	82.7	91.3
-2.5°	0.0	4.8	10.9	17.5	27.8	38.5	50.6	62.2	73.0	82.7	91.3
-5°	0.0	4.8	10.9	17.5	27.6	38.4	50.4	62.1	72.9	82.6	91.1
-7.5°	0.0	4.8	10.8	17.4	27.4	38.1	50.1	61.8	72.6	82.3	90.8
-10°	0.0	4.7	10.7	17.3	27.2	37.8	49.6	61.3	72.1	81.8	90.4
-12.5°	0.0	4.7	10.6	17.2	26.8	37.3	48.9	60.6	71.4	81.1	89.7
-15°	0.0	4.6	10.5	17.0	26.4	36.7	48.2	59.8	70.6	80.3	88.9
-17.5°	0.0	4.6	10.3	16.8	25.9	36.1	47.3	58.8	69.6	79.3	87.9
-20°	0.0	4.5	10.2	16.6	25.4	35.3	46.2	57.7	68.5	78.2	86.8



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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	4.4	10.0	16.3	24.8	34.4	45.1	56.3	67.1	76.8	85.5
-25°	0.0	4.4	9.8	15.9	24.1	33.5	43.8	54.9	65.7	75.4	84.1
-27.5°	0.0	4.3	9.5	15.5	23.4	32.4	42.5	53.2	64.0	73.7	82.3
-30°	0.0	4.2	9.3	15.1	22.6	31.3	40.9	51.4	62.1	71.7	80.3
-32.5°	0.0	4.0	9.0	14.6	21.7	30.1	39.3	49.5	59.9	69.5	78.2
-35°	0.0	3.9	8.7	14.1	20.7	28.7	37.7	47.4	57.5	67.2	75.9
-37.5°	0.0	3.8	8.4	13.6	19.7	27.4	36.0	45.3	54.9	64.7	73.2
-40°	0.0	3.7	8.0	13.0	18.7	26.0	34.2	42.9	52.1	61.7	70.2
-42.5°	0.0	3.5	7.7	12.4	17.7	24.6	32.2	40.5	49.3	58.4	67.0
-45°	0.0	3.4	7.3	11.7	16.8	23.2	30.2	38.0	46.4	55.0	63.6
-47.5°	0.0	3.2	6.9	11.0	15.9	21.6	28.1	35.6	43.4	51.5	59.7
-50°	0.0	3.1	6.5	10.4	14.9	20.0	26.2	33.0	40.2	47.9	55.6
-52.5°	0.0	2.9	6.1	9.8	13.9	18.4	24.2	30.3	37.1	44.3	51.5
-55°	0.0	2.8	5.7	9.1	12.8	17.0	22.1	27.5	34.0	40.5	47.3
-57.5°	0.0	2.6	5.2	8.4	11.7	15.6	20.0	25.1	30.7	36.8	43.0
-60°	0.0	2.4	4.8	7.7	10.6	14.2	17.9	22.6	27.5	33.1	38.7
-62.5°	0.0	2.2	4.4	7.0	9.7	12.8	16.1	20.0	24.5	29.2	34.4
-65°	0.0	2.0	4.1	6.3	8.7	11.3	14.3	17.5	21.4	25.6	30.1
-67.5°	0.0	1.8	3.7	5.6	7.7	9.9	12.5	15.3	18.2	21.9	25.8
-70°	0.0	1.6	3.3	4.8	6.7	8.7	10.6	13.2	15.7	18.2	21.6
-72.5°	0.0	1.4	2.9	4.2	5.7	7.4	9.0	11.0	13.3	15.5	17.5
-75°	0.0	1.2	2.5	3.6	4.7	6.1	7.5	9.1	10.8	12.7	14.6
-77.5°	0.0	1.0	2.1	3.0	3.9	4.8	6.0	7.3	8.6	10.1	11.6
-80°	0.0	0.8	1.7	2.4	3.1	3.8	4.4	5.4	6.5	7.6	8.8
-82.5°	0.0	0.6	1.3	1.8	2.3	2.8	3.3	3.8	4.4	5.1	6.0
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.2	2.5	2.9	3.2	3.5
-87.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2B-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°	1.9	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
85°	3.9	4.2	4.6	5.0	5.4	5.7	6.0	6.2	6.6	7.0	7.3
82.5°	6.7	7.2	7.7	8.2	8.6	9.0	9.5	10.2	11.1	12.0	12.8
80°	9.6	10.3	11.2	12.3	13.4	14.5	15.5	16.5	17.6	18.8	20.0
77.5°	12.9	14.2	15.7	17.4	18.9	20.7	22.5	24.4	26.1	27.6	28.9
75°	16.3	18.1	20.6	23.2	25.5	27.9	30.3	32.7	34.7	36.6	38.5
72.5°	20.3	23.3	26.3	29.2	32.3	35.3	38.0	40.7	43.3	45.8	48.3
70°	25.1	28.5	32.1	35.8	39.4	42.6	45.9	49.1	52.3	55.2	57.8
67.5°	29.9	34.0	38.1	42.3	46.1	49.9	53.6	57.4	61.0	64.1	66.8
65°	34.7	39.3	44.0	48.4	52.7	57.1	61.4	65.5	68.9	71.7	74.5
62.5°	39.5	44.7	49.8	54.6	59.5	64.3	68.4	72.2	75.7	78.7	81.6
60°	44.4	50.1	55.6	60.9	66.0	70.4	74.7	78.4	81.9	85.2	87.7
57.5°	49.3	55.4	61.3	66.8	71.7	76.3	80.3	84.2	87.2	90.0	92.7
55°	54.0	60.6	66.7	72.1	77.1	81.4	85.5	88.8	91.8	94.4	97.0
52.5°	58.7	65.5	71.6	77.1	81.8	86.1	89.7	93.0	95.8	98.4	100.5
50°	63.3	70.0	76.2	81.4	86.1	90.2	93.6	96.7	99.4	101.8	103.7
47.5°	67.3	74.3	80.1	85.4	89.9	93.8	97.0	100.0	102.7	104.8	106.7
45°	71.1	77.9	83.9	89.0	93.4	96.9	100.1	103.2	105.5	107.5	109.1
42.5°	74.7	81.3	87.1	92.4	96.3	99.7	102.9	105.6	108.0	109.8	111.4
40°	77.8	84.6	90.2	95.0	98.9	102.2	105.2	107.9	110.2	112.0	113.7
37.5°	80.7	87.3	93.0	97.4	101.0	104.3	107.3	109.8	112.1	114.0	116.3
35°	83.5	89.8	95.1	99.4	103.0	106.2	109.1	111.6	113.8	116.4	119.1
32.5°	85.8	92.2	97.1	101.0	104.6	107.9	110.7	113.3	115.9	118.8	122.1
30°	87.8	94.0	98.8	102.5	106.1	109.2	112.2	115.0	117.8	121.3	125.7
27.5°	89.7	95.6	100.0	103.8	107.4	110.3	113.5	116.6	119.9	124.0	129.6
25°	91.4	97.1	101.2	104.9	108.3	111.4	114.6	117.8	122.0	127.4	134.7
22.5°	92.8	98.4	102.1	106.0	109.1	112.3	115.6	119.3	123.9	130.5	140.1
20°	93.9	99.2	103.0	106.8	109.7	113.1	116.5	120.5	126.1	134.7	145.7
17.5°	94.9	99.9	103.7	107.2	110.4	113.8	117.3	121.5	127.9	138.5	150.8
15°	95.8	100.5	104.2	107.7	110.9	114.4	118.1	122.8	130.3	142.2	155.5
12.5°	96.6	101.0	104.6	108.0	111.3	114.8	118.7	123.9	132.8	145.7	160.1
10°	97.2	101.3	104.9	108.2	111.7	115.0	119.1	124.7	134.5	147.6	162.9
7.5°	97.6	101.6	105.2	108.3	111.8	115.0	119.5	125.1	135.6	148.7	164.4
5°	97.8	101.8	105.4	108.5	112.1	115.2	119.8	125.1	136.1	148.9	165.0
2.5°	97.9	101.9	105.5	108.7	112.2	115.6	120.3	125.8	136.5	149.6	165.3
0°	97.8	102.0	105.6	108.7	112.3	115.9	120.7	126.2	136.4	150.3	165.4
-2.5°	97.9	101.9	105.5	108.7	112.2	115.6	120.3	125.8	136.5	149.6	165.3
-5°	97.8	101.8	105.4	108.5	112.1	115.2	119.8	125.1	136.1	148.9	165.0
-7.5°	97.6	101.6	105.2	108.3	111.8	115.0	119.5	125.1	135.6	148.7	164.4
-10°	97.2	101.3	104.9	108.2	111.7	115.0	119.1	124.7	134.5	147.6	162.9
-12.5°	96.6	101.0	104.6	108.0	111.3	114.8	118.7	123.9	132.8	145.7	160.1
-15°	95.8	100.5	104.2	107.7	110.9	114.4	118.1	122.8	130.3	142.2	155.5
-17.5°	94.9	99.9	103.7	107.2	110.4	113.8	117.3	121.5	127.9	138.5	150.8
-20°	93.9	99.2	103.0	106.8	109.7	113.1	116.5	120.5	126.1	134.7	145.7



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	92.8	98.4	102.1	106.0	109.1	112.3	115.6	119.3	123.9	130.5	140.1
-25°	91.4	97.1	101.2	104.9	108.3	111.4	114.6	117.8	122.0	127.4	134.7
-27.5°	89.7	95.6	100.0	103.8	107.4	110.3	113.5	116.6	119.9	124.0	129.6
-30°	87.8	94.0	98.8	102.5	106.1	109.2	112.2	115.0	117.8	121.3	125.7
-32.5°	85.8	92.2	97.1	101.0	104.6	107.9	110.7	113.3	115.9	118.8	122.1
-35°	83.5	89.8	95.1	99.4	103.0	106.2	109.1	111.6	113.8	116.4	119.1
-37.5°	80.7	87.3	93.0	97.4	101.0	104.3	107.3	109.8	112.1	114.0	116.3
-40°	77.8	84.6	90.2	95.0	98.9	102.2	105.2	107.9	110.2	112.0	113.7
-42.5°	74.7	81.3	87.1	92.4	96.3	99.7	102.9	105.6	108.0	109.8	111.4
-45°	71.1	77.9	83.9	89.0	93.4	96.9	100.1	103.2	105.5	107.5	109.1
-47.5°	67.3	74.3	80.1	85.4	89.9	93.8	97.0	100.0	102.7	104.8	106.7
-50°	63.3	70.0	76.2	81.4	86.1	90.2	93.6	96.7	99.4	101.8	103.7
-52.5°	58.7	65.5	71.6	77.1	81.8	86.1	89.7	93.0	95.8	98.4	100.5
-55°	54.0	60.6	66.7	72.1	77.1	81.4	85.5	88.8	91.8	94.4	97.0
-57.5°	49.3	55.4	61.3	66.8	71.7	76.3	80.3	84.2	87.2	90.0	92.7
-60°	44.4	50.1	55.6	60.9	66.0	70.4	74.7	78.4	81.9	85.2	87.7
-62.5°	39.5	44.7	49.8	54.6	59.5	64.3	68.4	72.2	75.7	78.7	81.6
-65°	34.7	39.3	44.0	48.4	52.7	57.1	61.4	65.5	68.9	71.7	74.5
-67.5°	29.9	34.0	38.1	42.3	46.1	49.9	53.6	57.4	61.0	64.1	66.8
-70°	25.1	28.5	32.1	35.8	39.4	42.6	45.9	49.1	52.3	55.2	57.8
-72.5°	20.3	23.3	26.3	29.2	32.3	35.3	38.0	40.7	43.3	45.8	48.3
-75°	16.3	18.1	20.6	23.2	25.5	27.9	30.3	32.7	34.7	36.6	38.5
-77.5°	12.9	14.2	15.7	17.4	18.9	20.7	22.5	24.4	26.1	27.6	28.9
-80°	9.6	10.3	11.2	12.3	13.4	14.5	15.5	16.5	17.6	18.8	20.0
-82.5°	6.7	7.2	7.7	8.2	8.6	9.0	9.5	10.2	11.1	12.0	12.8
-85°	3.9	4.2	4.6	5.0	5.4	5.7	6.0	6.2	6.6	7.0	7.3
-87.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
-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: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5
85°	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.7	9.8	10.0	10.1
82.5°	13.5	14.2	14.8	15.4	15.9	16.3	16.7	17.0	17.3	17.5	17.7
80°	21.1	22.1	23.1	24.0	24.9	25.6	26.1	26.6	27.0	27.4	27.8
77.5°	30.1	31.6	33.0	34.2	35.3	36.2	37.1	37.8	38.3	39.1	39.7
75°	40.4	42.1	43.7	45.1	46.5	47.7	48.7	49.7	50.5	51.3	51.9
72.5°	50.6	52.7	54.5	56.1	57.5	58.9	60.2	61.5	62.7	63.5	64.2
70°	60.2	62.4	64.3	66.1	67.8	69.5	71.3	72.9	74.4	75.3	75.9
67.5°	69.1	71.3	73.5	75.7	77.7	79.5	81.3	82.8	84.3	85.2	85.8
65°	77.1	79.5	81.9	84.1	86.2	87.8	89.4	90.9	92.3	93.4	94.3
62.5°	84.5	86.9	88.9	90.9	92.7	94.2	95.8	97.1	98.4	99.4	100.4
60°	90.2	92.7	94.7	96.4	98.1	99.6	100.8	101.8	102.7	103.3	104.0
57.5°	95.1	97.4	99.4	100.9	102.4	103.8	104.9	105.5	106.0	106.4	106.7
55°	99.3	101.2	102.8	104.5	105.9	107.2	108.2	108.6	108.9	109.0	109.1
52.5°	102.7	104.5	106.3	107.8	109.0	110.0	110.9	111.2	111.3	111.4	111.4
50°	105.7	107.6	109.0	110.3	111.4	112.4	113.2	113.5	113.7	113.8	113.7
47.5°	108.3	109.8	111.3	112.7	113.9	115.0	115.8	116.4	116.7	116.9	116.9
45°	110.5	112.3	113.9	115.4	116.8	118.2	119.5	120.3	121.2	121.8	122.1
42.5°	113.1	114.9	116.6	118.8	120.8	122.6	124.7	126.5	128.4	130.4	131.8
40°	115.7	117.6	120.4	123.0	125.9	128.6	132.9	137.1	140.4	143.2	145.7
37.5°	118.7	121.5	124.8	128.2	133.0	137.9	143.3	148.6	153.3	157.5	160.9
35°	122.1	126.0	130.0	136.0	142.0	148.1	154.6	161.7	167.8	172.2	175.3
32.5°	126.4	131.2	137.7	145.3	152.7	160.6	168.5	176.4	182.3	188.5	194.7
30°	131.1	138.1	146.4	155.6	164.9	174.4	184.2	195.2	205.7	217.0	233.0
27.5°	137.1	145.6	155.3	166.3	177.5	188.7	205.9	224.8	252.8	275.2	313.2
25°	143.5	153.4	165.1	177.8	191.4	211.6	243.1	280.3	346.3	397.5	475.1
22.5°	150.6	162.2	175.2	189.8	211.8	249.8	303.7	399.3	532.4	663.8	809.9
20°	157.6	170.5	184.7	206.8	244.2	304.3	421.0	627.8	858.6	1187.4	1463.3
17.5°	164.3	178.0	196.0	225.8	281.9	402.7	628.7	982.8	1465.1	1995.0	2436.9
15°	170.1	184.2	208.4	255.7	350.4	538.5	879.8	1482.5	2292.7	3018.3	3665.4
12.5°	175.1	191.7	221.8	279.7	409.9	688.3	1235.8	2091.6	3081.0	4098.5	4917.6
10°	178.7	199.7	239.8	324.3	504.4	866.6	1532.5	2611.9	3803.4	5040.1	6520.6
7.5°	180.9	205.4	253.4	357.4	588.6	1065.1	1904.6	3076.6	4444.7	6133.0	8395.0
5°	182.4	209.3	263.4	382.2	644.9	1196.3	2139.6	3428.7	4998.2	7439.3	12094.6
2.5°	183.2	211.0	269.1	395.9	670.6	1263.8	2305.0	3630.2	5334.9	8360.8	14657.4
0°	182.9	210.1	269.8	399.0	674.3	1315.4	2332.5	3687.8	5448.6	8443.4	15479.0
-2.5°	183.2	211.0	269.1	395.9	670.6	1263.8	2305.0	3630.2	5334.9	8360.8	14657.4
-5°	182.4	209.3	263.4	382.2	644.9	1196.3	2139.6	3428.7	4998.2	7439.3	12094.6
-7.5°	180.9	205.4	253.4	357.4	588.6	1065.1	1904.6	3076.6	4444.7	6133.0	8395.0
-10°	178.7	199.7	239.8	324.3	504.4	866.6	1532.5	2611.9	3803.4	5040.1	6520.6
-12.5°	175.1	191.7	221.8	279.7	409.9	688.3	1235.8	2091.6	3081.0	4098.5	4917.6
-15°	170.1	184.2	208.4	255.7	350.4	538.5	879.8	1482.5	2292.7	3018.3	3665.4
-17.5°	164.3	178.0	196.0	225.8	281.9	402.7	628.7	982.8	1465.1	1995.0	2436.9
-20°	157.6	170.5	184.7	206.8	244.2	304.3	421.0	627.8	858.6	1187.4	1463.3



REPORT NUMBER: P558624 (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°	150.6	162.2	175.2	189.8	211.8	249.8	303.7	399.3	532.4	663.8	809.9
-25°	143.5	153.4	165.1	177.8	191.4	211.6	243.1	280.3	346.3	397.5	475.1
-27.5°	137.1	145.6	155.3	166.3	177.5	188.7	205.9	224.8	252.8	275.2	313.2
-30°	131.1	138.1	146.4	155.6	164.9	174.4	184.2	195.2	205.7	217.0	233.0
-32.5°	126.4	131.2	137.7	145.3	152.7	160.6	168.5	176.4	182.3	188.5	194.7
-35°	122.1	126.0	130.0	136.0	142.0	148.1	154.6	161.7	167.8	172.2	175.3
-37.5°	118.7	121.5	124.8	128.2	133.0	137.9	143.3	148.6	153.3	157.5	160.9
-40°	115.7	117.6	120.4	123.0	125.9	128.6	132.9	137.1	140.4	143.2	145.7
-42.5°	113.1	114.9	116.6	118.8	120.8	122.6	124.7	126.5	128.4	130.4	131.8
-45°	110.5	112.3	113.9	115.4	116.8	118.2	119.5	120.3	121.2	121.8	122.1
-47.5°	108.3	109.8	111.3	112.7	113.9	115.0	115.8	116.4	116.7	116.9	116.9
-50°	105.7	107.6	109.0	110.3	111.4	112.4	113.2	113.5	113.7	113.8	113.7
-52.5°	102.7	104.5	106.3	107.8	109.0	110.0	110.9	111.2	111.3	111.4	111.4
-55°	99.3	101.2	102.8	104.5	105.9	107.2	108.2	108.6	108.9	109.0	109.1
-57.5°	95.1	97.4	99.4	100.9	102.4	103.8	104.9	105.5	106.0	106.4	106.7
-60°	90.2	92.7	94.7	96.4	98.1	99.6	100.8	101.8	102.7	103.3	104.0
-62.5°	84.5	86.9	88.9	90.9	92.7	94.2	95.8	97.1	98.4	99.4	100.4
-65°	77.1	79.5	81.9	84.1	86.2	87.8	89.4	90.9	92.3	93.4	94.3
-67.5°	69.1	71.3	73.5	75.7	77.7	79.5	81.3	82.8	84.3	85.2	85.8
-70°	60.2	62.4	64.3	66.1	67.8	69.5	71.3	72.9	74.4	75.3	75.9
-72.5°	50.6	52.7	54.5	56.1	57.5	58.9	60.2	61.5	62.7	63.5	64.2
-75°	40.4	42.1	43.7	45.1	46.5	47.7	48.7	49.7	50.5	51.3	51.9
-77.5°	30.1	31.6	33.0	34.2	35.3	36.2	37.1	37.8	38.3	39.1	39.7
-80°	21.1	22.1	23.1	24.0	24.9	25.6	26.1	26.6	27.0	27.4	27.8
-82.5°	13.5	14.2	14.8	15.4	15.9	16.3	16.7	17.0	17.3	17.5	17.7
-85°	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.7	9.8	10.0	10.1
-87.5°	3.4	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
85°	10.2	10.2	10.3	10.3	10.3	10.2	10.2	10.1	10.0	9.8	9.7
82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.3	17.0
80°	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.8	27.4	27.0	26.6
77.5°	40.3	40.7	40.9	41.0	40.9	40.7	40.3	39.7	39.1	38.3	37.8
75°	52.5	52.8	53.0	53.1	53.0	52.8	52.5	51.9	51.3	50.5	49.7
72.5°	64.6	64.9	65.4	65.8	65.4	64.9	64.6	64.2	63.5	62.7	61.5
70°	76.2	76.4	76.9	77.3	76.9	76.4	76.2	75.9	75.3	74.4	72.9
67.5°	86.3	86.6	86.5	86.3	86.5	86.6	86.3	85.8	85.2	84.3	82.8
65°	95.0	95.6	95.6	95.4	95.6	95.6	95.0	94.3	93.4	92.3	90.9
62.5°	101.3	102.2	102.5	102.6	102.5	102.2	101.3	100.4	99.4	98.4	97.1
60°	104.5	104.8	105.0	105.0	105.0	104.8	104.5	104.0	103.3	102.7	101.8
57.5°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.7	106.4	106.0	105.5
55°	109.2	109.2	109.0	108.7	109.0	109.2	109.2	109.1	109.0	108.9	108.6
52.5°	111.3	111.1	110.8	110.5	110.8	111.1	111.3	111.4	111.4	111.3	111.2
50°	113.4	113.0	112.9	112.9	112.9	113.0	113.4	113.7	113.8	113.7	113.5
47.5°	116.8	116.5	116.4	116.5	116.4	116.5	116.8	116.9	116.9	116.7	116.4
45°	122.2	121.9	121.8	121.9	121.8	121.9	122.2	122.1	121.8	121.2	120.3
42.5°	132.5	132.6	132.5	132.8	132.5	132.6	132.5	131.8	130.4	128.4	126.5
40°	146.7	146.7	146.2	146.1	146.2	146.7	146.7	145.7	143.2	140.4	137.1
37.5°	162.3	162.3	161.8	161.8	161.8	162.3	162.3	160.9	157.5	153.3	148.6
35°	177.0	177.6	177.5	176.9	177.5	177.6	177.0	175.3	172.2	167.8	161.7
32.5°	199.1	202.4	204.1	203.4	204.1	202.4	199.1	194.7	188.5	182.3	176.4
30°	243.1	251.8	256.4	258.4	256.4	251.8	243.1	233.0	217.0	205.7	195.2
27.5°	340.3	359.5	368.2	371.3	368.2	359.5	340.3	313.2	275.2	252.8	224.8
25°	542.9	586.3	607.6	614.5	607.6	586.3	542.9	475.1	397.5	346.3	280.3
22.5°	970.8	1054.3	1111.4	1124.0	1111.4	1054.3	970.8	809.9	663.8	532.4	399.3
20°	1740.7	1902.2	1989.7	1981.8	1989.7	1902.2	1740.7	1463.3	1187.4	858.6	627.8
17.5°	2812.6	3019.5	3118.1	3072.0	3118.1	3019.5	2812.6	2436.9	1995.0	1465.1	982.8
15°	4123.1	4402.7	4524.7	4562.5	4524.7	4402.7	4123.1	3665.4	3018.3	2292.7	1482.5
12.5°	5735.1	6651.8	7090.2	7207.7	7090.2	6651.8	5735.1	4917.6	4098.5	3081.0	2091.6
10°	8034.8	11116.5	12949.4	13397.0	12949.4	11116.5	8034.8	6520.6	5040.1	3803.4	2611.9
7.5°	13121.6	19383.7	26398.7	29720.6	26398.7	19383.7	13121.6	8395.0	6133.0	4444.7	3076.6
5°	20010.4	34729.7	50971.5	57338.6	50971.5	34729.7	20010.4	12094.6	7439.3	4998.2	3428.7
2.5°	28384.9	52439.2	74881.4	83247.4	74881.4	52439.2	28384.9	14657.4	8360.8	5334.9	3630.2
0°	31923.0	60456.5	82503.1	89669.4	82503.1	60456.5	31923.0	15479.0	8443.4	5448.6	3687.8
-2.5°	28384.9	52439.2	74881.4	83247.4	74881.4	52439.2	28384.9	14657.4	8360.8	5334.9	3630.2
-5°	20010.4	34729.7	50971.5	57338.6	50971.5	34729.7	20010.4	12094.6	7439.3	4998.2	3428.7
-7.5°	13121.6	19383.7	26398.7	29720.6	26398.7	19383.7	13121.6	8395.0	6133.0	4444.7	3076.6
-10°	8034.8	11116.5	12949.4	13397.0	12949.4	11116.5	8034.8	6520.6	5040.1	3803.4	2611.9
-12.5°	5735.1	6651.8	7090.2	7207.7	7090.2	6651.8	5735.1	4917.6	4098.5	3081.0	2091.6
-15°	4123.1	4402.7	4524.7	4562.5	4524.7	4402.7	4123.1	3665.4	3018.3	2292.7	1482.5
-17.5°	2812.6	3019.5	3118.1	3072.0	3118.1	3019.5	2812.6	2436.9	1995.0	1465.1	982.8
-20°	1740.7	1902.2	1989.7	1981.8	1989.7	1902.2	1740.7	1463.3	1187.4	858.6	627.8



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	970.8	1054.3	1111.4	1124.0	1111.4	1054.3	970.8	809.9	663.8	532.4	399.3
-25°	542.9	586.3	607.6	614.5	607.6	586.3	542.9	475.1	397.5	346.3	280.3
-27.5°	340.3	359.5	368.2	371.3	368.2	359.5	340.3	313.2	275.2	252.8	224.8
-30°	243.1	251.8	256.4	258.4	256.4	251.8	243.1	233.0	217.0	205.7	195.2
-32.5°	199.1	202.4	204.1	203.4	204.1	202.4	199.1	194.7	188.5	182.3	176.4
-35°	177.0	177.6	177.5	176.9	177.5	177.6	177.0	175.3	172.2	167.8	161.7
-37.5°	162.3	162.3	161.8	161.8	161.8	162.3	162.3	160.9	157.5	153.3	148.6
-40°	146.7	146.7	146.2	146.1	146.2	146.7	146.7	145.7	143.2	140.4	137.1
-42.5°	132.5	132.6	132.5	132.8	132.5	132.6	132.5	131.8	130.4	128.4	126.5
-45°	122.2	121.9	121.8	121.9	121.8	121.9	122.2	122.1	121.8	121.2	120.3
-47.5°	116.8	116.5	116.4	116.5	116.4	116.5	116.8	116.9	116.9	116.7	116.4
-50°	113.4	113.0	112.9	112.9	112.9	113.0	113.4	113.7	113.8	113.7	113.5
-52.5°	111.3	111.1	110.8	110.5	110.8	111.1	111.3	111.4	111.4	111.3	111.2
-55°	109.2	109.2	109.0	108.7	109.0	109.2	109.2	109.1	109.0	108.9	108.6
-57.5°	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.7	106.4	106.0	105.5
-60°	104.5	104.8	105.0	105.0	105.0	104.8	104.5	104.0	103.3	102.7	101.8
-62.5°	101.3	102.2	102.5	102.6	102.5	102.2	101.3	100.4	99.4	98.4	97.1
-65°	95.0	95.6	95.6	95.4	95.6	95.6	95.0	94.3	93.4	92.3	90.9
-67.5°	86.3	86.6	86.5	86.3	86.5	86.6	86.3	85.8	85.2	84.3	82.8
-70°	76.2	76.4	76.9	77.3	76.9	76.4	76.2	75.9	75.3	74.4	72.9
-72.5°	64.6	64.9	65.4	65.8	65.4	64.9	64.6	64.2	63.5	62.7	61.5
-75°	52.5	52.8	53.0	53.1	53.0	52.8	52.5	51.9	51.3	50.5	49.7
-77.5°	40.3	40.7	40.9	41.0	40.9	40.7	40.3	39.7	39.1	38.3	37.8
-80°	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.8	27.4	27.0	26.6
-82.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.7	17.5	17.3	17.0
-85°	10.2	10.2	10.3	10.3	10.3	10.2	10.2	10.1	10.0	9.8	9.7
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.1	3.0
85°	9.5	9.3	9.0	8.7	8.4	8.0	7.7	7.3	7.0	6.6	6.2
82.5°	16.7	16.3	15.9	15.4	14.8	14.2	13.5	12.8	12.0	11.1	10.2
80°	26.1	25.6	24.9	24.0	23.1	22.1	21.1	20.0	18.8	17.6	16.5
77.5°	37.1	36.2	35.3	34.2	33.0	31.6	30.1	28.9	27.6	26.1	24.4
75°	48.7	47.7	46.5	45.1	43.7	42.1	40.4	38.5	36.6	34.7	32.7
72.5°	60.2	58.9	57.5	56.1	54.5	52.7	50.6	48.3	45.8	43.3	40.7
70°	71.3	69.5	67.8	66.1	64.3	62.4	60.2	57.8	55.2	52.3	49.1
67.5°	81.3	79.5	77.7	75.7	73.5	71.3	69.1	66.8	64.1	61.0	57.4
65°	89.4	87.8	86.2	84.1	81.9	79.5	77.1	74.5	71.7	68.9	65.5
62.5°	95.8	94.2	92.7	90.9	88.9	86.9	84.5	81.6	78.7	75.7	72.2
60°	100.8	99.6	98.1	96.4	94.7	92.7	90.2	87.7	85.2	81.9	78.4
57.5°	104.9	103.8	102.4	100.9	99.4	97.4	95.1	92.7	90.0	87.2	84.2
55°	108.2	107.2	105.9	104.5	102.8	101.2	99.3	97.0	94.4	91.8	88.8
52.5°	110.9	110.0	109.0	107.8	106.3	104.5	102.7	100.5	98.4	95.8	93.0
50°	113.2	112.4	111.4	110.3	109.0	107.6	105.7	103.7	101.8	99.4	96.7
47.5°	115.8	115.0	113.9	112.7	111.3	109.8	108.3	106.7	104.8	102.7	100.0
45°	119.5	118.2	116.8	115.4	113.9	112.3	110.5	109.1	107.5	105.5	103.2
42.5°	124.7	122.6	120.8	118.8	116.6	114.9	113.1	111.4	109.8	108.0	105.6
40°	132.9	128.6	125.9	123.0	120.4	117.6	115.7	113.7	112.0	110.2	107.9
37.5°	143.3	137.9	133.0	128.2	124.8	121.5	118.7	116.3	114.0	112.1	109.8
35°	154.6	148.1	142.0	136.0	130.0	126.0	122.1	119.1	116.4	113.8	111.6
32.5°	168.5	160.6	152.7	145.3	137.7	131.2	126.4	122.1	118.8	115.9	113.3
30°	184.2	174.4	164.9	155.6	146.4	138.1	131.1	125.7	121.3	117.8	115.0
27.5°	205.9	188.7	177.5	166.3	155.3	145.6	137.1	129.6	124.0	119.9	116.6
25°	243.1	211.6	191.4	177.8	165.1	153.4	143.5	134.7	127.4	122.0	117.8
22.5°	303.7	249.8	211.8	189.8	175.2	162.2	150.6	140.1	130.5	123.9	119.3
20°	421.0	304.3	244.2	206.8	184.7	170.5	157.6	145.7	134.7	126.1	120.5
17.5°	628.7	402.7	281.9	225.8	196.0	178.0	164.3	150.8	138.5	127.9	121.5
15°	879.8	538.5	350.4	255.7	208.4	184.2	170.1	155.5	142.2	130.3	122.8
12.5°	1235.8	688.3	409.9	279.7	221.8	191.7	175.1	160.1	145.7	132.8	123.9
10°	1532.5	866.6	504.4	324.3	239.8	199.7	178.7	162.9	147.6	134.5	124.7
7.5°	1904.6	1065.1	588.6	357.4	253.4	205.4	180.9	164.4	148.7	135.6	125.1
5°	2139.6	1196.3	644.9	382.2	263.4	209.3	182.4	165.0	148.9	136.1	125.1
2.5°	2305.0	1263.8	670.6	395.9	269.1	211.0	183.2	165.3	149.6	136.5	125.8
0°	2332.5	1315.4	674.3	399.0	269.8	210.1	182.9	165.4	150.3	136.4	126.2
-2.5°	2305.0	1263.8	670.6	395.9	269.1	211.0	183.2	165.3	149.6	136.5	125.8
-5°	2139.6	1196.3	644.9	382.2	263.4	209.3	182.4	165.0	148.9	136.1	125.1
-7.5°	1904.6	1065.1	588.6	357.4	253.4	205.4	180.9	164.4	148.7	135.6	125.1
-10°	1532.5	866.6	504.4	324.3	239.8	199.7	178.7	162.9	147.6	134.5	124.7
-12.5°	1235.8	688.3	409.9	279.7	221.8	191.7	175.1	160.1	145.7	132.8	123.9
-15°	879.8	538.5	350.4	255.7	208.4	184.2	170.1	155.5	142.2	130.3	122.8
-17.5°	628.7	402.7	281.9	225.8	196.0	178.0	164.3	150.8	138.5	127.9	121.5
-20°	421.0	304.3	244.2	206.8	184.7	170.5	157.6	145.7	134.7	126.1	120.5



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	303.7	249.8	211.8	189.8	175.2	162.2	150.6	140.1	130.5	123.9	119.3
-25°	243.1	211.6	191.4	177.8	165.1	153.4	143.5	134.7	127.4	122.0	117.8
-27.5°	205.9	188.7	177.5	166.3	155.3	145.6	137.1	129.6	124.0	119.9	116.6
-30°	184.2	174.4	164.9	155.6	146.4	138.1	131.1	125.7	121.3	117.8	115.0
-32.5°	168.5	160.6	152.7	145.3	137.7	131.2	126.4	122.1	118.8	115.9	113.3
-35°	154.6	148.1	142.0	136.0	130.0	126.0	122.1	119.1	116.4	113.8	111.6
-37.5°	143.3	137.9	133.0	128.2	124.8	121.5	118.7	116.3	114.0	112.1	109.8
-40°	132.9	128.6	125.9	123.0	120.4	117.6	115.7	113.7	112.0	110.2	107.9
-42.5°	124.7	122.6	120.8	118.8	116.6	114.9	113.1	111.4	109.8	108.0	105.6
-45°	119.5	118.2	116.8	115.4	113.9	112.3	110.5	109.1	107.5	105.5	103.2
-47.5°	115.8	115.0	113.9	112.7	111.3	109.8	108.3	106.7	104.8	102.7	100.0
-50°	113.2	112.4	111.4	110.3	109.0	107.6	105.7	103.7	101.8	99.4	96.7
-52.5°	110.9	110.0	109.0	107.8	106.3	104.5	102.7	100.5	98.4	95.8	93.0
-55°	108.2	107.2	105.9	104.5	102.8	101.2	99.3	97.0	94.4	91.8	88.8
-57.5°	104.9	103.8	102.4	100.9	99.4	97.4	95.1	92.7	90.0	87.2	84.2
-60°	100.8	99.6	98.1	96.4	94.7	92.7	90.2	87.7	85.2	81.9	78.4
-62.5°	95.8	94.2	92.7	90.9	88.9	86.9	84.5	81.6	78.7	75.7	72.2
-65°	89.4	87.8	86.2	84.1	81.9	79.5	77.1	74.5	71.7	68.9	65.5
-67.5°	81.3	79.5	77.7	75.7	73.5	71.3	69.1	66.8	64.1	61.0	57.4
-70°	71.3	69.5	67.8	66.1	64.3	62.4	60.2	57.8	55.2	52.3	49.1
-72.5°	60.2	58.9	57.5	56.1	54.5	52.7	50.6	48.3	45.8	43.3	40.7
-75°	48.7	47.7	46.5	45.1	43.7	42.1	40.4	38.5	36.6	34.7	32.7
-77.5°	37.1	36.2	35.3	34.2	33.0	31.6	30.1	28.9	27.6	26.1	24.4
-80°	26.1	25.6	24.9	24.0	23.1	22.1	21.1	20.0	18.8	17.6	16.5
-82.5°	16.7	16.3	15.9	15.4	14.8	14.2	13.5	12.8	12.0	11.1	10.2
-85°	9.5	9.3	9.0	8.7	8.4	8.0	7.7	7.3	7.0	6.6	6.2
-87.5°	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.1	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: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
85°	6.0	5.7	5.4	5.0	4.6	4.2	3.9	3.5	3.2	2.9	2.5
82.5°	9.5	9.0	8.6	8.2	7.7	7.2	6.7	6.0	5.1	4.4	3.8
80°	15.5	14.5	13.4	12.3	11.2	10.3	9.6	8.8	7.6	6.5	5.4
77.5°	22.5	20.7	18.9	17.4	15.7	14.2	12.9	11.6	10.1	8.6	7.3
75°	30.3	27.9	25.5	23.2	20.6	18.1	16.3	14.6	12.7	10.8	9.1
72.5°	38.0	35.3	32.3	29.2	26.3	23.3	20.3	17.5	15.5	13.3	11.0
70°	45.9	42.6	39.4	35.8	32.1	28.5	25.1	21.6	18.2	15.7	13.2
67.5°	53.6	49.9	46.1	42.3	38.1	34.0	29.9	25.8	21.9	18.2	15.3
65°	61.4	57.1	52.7	48.4	44.0	39.3	34.7	30.1	25.6	21.4	17.5
62.5°	68.4	64.3	59.5	54.6	49.8	44.7	39.5	34.4	29.2	24.5	20.0
60°	74.7	70.4	66.0	60.9	55.6	50.1	44.4	38.7	33.1	27.5	22.6
57.5°	80.3	76.3	71.7	66.8	61.3	55.4	49.3	43.0	36.8	30.7	25.1
55°	85.5	81.4	77.1	72.1	66.7	60.6	54.0	47.3	40.5	34.0	27.5
52.5°	89.7	86.1	81.8	77.1	71.6	65.5	58.7	51.5	44.3	37.1	30.3
50°	93.6	90.2	86.1	81.4	76.2	70.0	63.3	55.6	47.9	40.2	33.0
47.5°	97.0	93.8	89.9	85.4	80.1	74.3	67.3	59.7	51.5	43.4	35.6
45°	100.1	96.9	93.4	89.0	83.9	77.9	71.1	63.6	55.0	46.4	38.0
42.5°	102.9	99.7	96.3	92.4	87.1	81.3	74.7	67.0	58.4	49.3	40.5
40°	105.2	102.2	98.9	95.0	90.2	84.6	77.8	70.2	61.7	52.1	42.9
37.5°	107.3	104.3	101.0	97.4	93.0	87.3	80.7	73.2	64.7	54.9	45.3
35°	109.1	106.2	103.0	99.4	95.1	89.8	83.5	75.9	67.2	57.5	47.4
32.5°	110.7	107.9	104.6	101.0	97.1	92.2	85.8	78.2	69.5	59.9	49.5
30°	112.2	109.2	106.1	102.5	98.8	94.0	87.8	80.3	71.7	62.1	51.4
27.5°	113.5	110.3	107.4	103.8	100.0	95.6	89.7	82.3	73.7	64.0	53.2
25°	114.6	111.4	108.3	104.9	101.2	97.1	91.4	84.1	75.4	65.7	54.9
22.5°	115.6	112.3	109.1	106.0	102.1	98.4	92.8	85.5	76.8	67.1	56.3
20°	116.5	113.1	109.7	106.8	103.0	99.2	93.9	86.8	78.2	68.5	57.7
17.5°	117.3	113.8	110.4	107.2	103.7	99.9	94.9	87.9	79.3	69.6	58.8
15°	118.1	114.4	110.9	107.7	104.2	100.5	95.8	88.9	80.3	70.6	59.8
12.5°	118.7	114.8	111.3	108.0	104.6	101.0	96.6	89.7	81.1	71.4	60.6
10°	119.1	115.0	111.7	108.2	104.9	101.3	97.2	90.4	81.8	72.1	61.3
7.5°	119.5	115.0	111.8	108.3	105.2	101.6	97.6	90.8	82.3	72.6	61.8
5°	119.8	115.2	112.1	108.5	105.4	101.8	97.8	91.1	82.6	72.9	62.1
2.5°	120.3	115.6	112.2	108.7	105.5	101.9	97.9	91.3	82.7	73.0	62.2
0°	120.7	115.9	112.3	108.7	105.6	102.0	97.8	91.2	82.7	73.0	62.2
-2.5°	120.3	115.6	112.2	108.7	105.5	101.9	97.9	91.3	82.7	73.0	62.2
-5°	119.8	115.2	112.1	108.5	105.4	101.8	97.8	91.1	82.6	72.9	62.1
-7.5°	119.5	115.0	111.8	108.3	105.2	101.6	97.6	90.8	82.3	72.6	61.8
-10°	119.1	115.0	111.7	108.2	104.9	101.3	97.2	90.4	81.8	72.1	61.3
-12.5°	118.7	114.8	111.3	108.0	104.6	101.0	96.6	89.7	81.1	71.4	60.6
-15°	118.1	114.4	110.9	107.7	104.2	100.5	95.8	88.9	80.3	70.6	59.8
-17.5°	117.3	113.8	110.4	107.2	103.7	99.9	94.9	87.9	79.3	69.6	58.8
-20°	116.5	113.1	109.7	106.8	103.0	99.2	93.9	86.8	78.2	68.5	57.7



REPORT NUMBER: P558624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	115.6	112.3	109.1	106.0	102.1	98.4	92.8	85.5	76.8	67.1	56.3
-25°	114.6	111.4	108.3	104.9	101.2	97.1	91.4	84.1	75.4	65.7	54.9
-27.5°	113.5	110.3	107.4	103.8	100.0	95.6	89.7	82.3	73.7	64.0	53.2
-30°	112.2	109.2	106.1	102.5	98.8	94.0	87.8	80.3	71.7	62.1	51.4
-32.5°	110.7	107.9	104.6	101.0	97.1	92.2	85.8	78.2	69.5	59.9	49.5
-35°	109.1	106.2	103.0	99.4	95.1	89.8	83.5	75.9	67.2	57.5	47.4
-37.5°	107.3	104.3	101.0	97.4	93.0	87.3	80.7	73.2	64.7	54.9	45.3
-40°	105.2	102.2	98.9	95.0	90.2	84.6	77.8	70.2	61.7	52.1	42.9
-42.5°	102.9	99.7	96.3	92.4	87.1	81.3	74.7	67.0	58.4	49.3	40.5
-45°	100.1	96.9	93.4	89.0	83.9	77.9	71.1	63.6	55.0	46.4	38.0
-47.5°	97.0	93.8	89.9	85.4	80.1	74.3	67.3	59.7	51.5	43.4	35.6
-50°	93.6	90.2	86.1	81.4	76.2	70.0	63.3	55.6	47.9	40.2	33.0
-52.5°	89.7	86.1	81.8	77.1	71.6	65.5	58.7	51.5	44.3	37.1	30.3
-55°	85.5	81.4	77.1	72.1	66.7	60.6	54.0	47.3	40.5	34.0	27.5
-57.5°	80.3	76.3	71.7	66.8	61.3	55.4	49.3	43.0	36.8	30.7	25.1
-60°	74.7	70.4	66.0	60.9	55.6	50.1	44.4	38.7	33.1	27.5	22.6
-62.5°	68.4	64.3	59.5	54.6	49.8	44.7	39.5	34.4	29.2	24.5	20.0
-65°	61.4	57.1	52.7	48.4	44.0	39.3	34.7	30.1	25.6	21.4	17.5
-67.5°	53.6	49.9	46.1	42.3	38.1	34.0	29.9	25.8	21.9	18.2	15.3
-70°	45.9	42.6	39.4	35.8	32.1	28.5	25.1	21.6	18.2	15.7	13.2
-72.5°	38.0	35.3	32.3	29.2	26.3	23.3	20.3	17.5	15.5	13.3	11.0
-75°	30.3	27.9	25.5	23.2	20.6	18.1	16.3	14.6	12.7	10.8	9.1
-77.5°	22.5	20.7	18.9	17.4	15.7	14.2	12.9	11.6	10.1	8.6	7.3
-80°	15.5	14.5	13.4	12.3	11.2	10.3	9.6	8.8	7.6	6.5	5.4
-82.5°	9.5	9.0	8.6	8.2	7.7	7.2	6.7	6.0	5.1	4.4	3.8
-85°	6.0	5.7	5.4	5.0	4.6	4.2	3.9	3.5	3.2	2.9	2.5
-87.5°	2.8	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
85°	2.2	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.3	2.8	2.3	1.8	1.3	0.6	0.0
80°	4.4	3.8	3.1	2.4	1.7	0.8	0.0
77.5°	6.0	4.8	3.9	3.0	2.1	1.0	0.0
75°	7.5	6.1	4.7	3.6	2.5	1.2	0.0
72.5°	9.0	7.4	5.7	4.2	2.9	1.4	0.0
70°	10.6	8.7	6.7	4.8	3.3	1.6	0.0
67.5°	12.5	9.9	7.7	5.6	3.7	1.8	0.0
65°	14.3	11.3	8.7	6.3	4.1	2.0	0.0
62.5°	16.1	12.8	9.7	7.0	4.4	2.2	0.0
60°	17.9	14.2	10.6	7.7	4.8	2.4	0.0
57.5°	20.0	15.6	11.7	8.4	5.2	2.6	0.0
55°	22.1	17.0	12.8	9.1	5.7	2.8	0.0
52.5°	24.2	18.4	13.9	9.8	6.1	2.9	0.0
50°	26.2	20.0	14.9	10.4	6.5	3.1	0.0
47.5°	28.1	21.6	15.9	11.0	6.9	3.2	0.0
45°	30.2	23.2	16.8	11.7	7.3	3.4	0.0
42.5°	32.2	24.6	17.7	12.4	7.7	3.5	0.0
40°	34.2	26.0	18.7	13.0	8.0	3.7	0.0
37.5°	36.0	27.4	19.7	13.6	8.4	3.8	0.0
35°	37.7	28.7	20.7	14.1	8.7	3.9	0.0
32.5°	39.3	30.1	21.7	14.6	9.0	4.0	0.0
30°	40.9	31.3	22.6	15.1	9.3	4.2	0.0
27.5°	42.5	32.4	23.4	15.5	9.5	4.3	0.0
25°	43.8	33.5	24.1	15.9	9.8	4.4	0.0
22.5°	45.1	34.4	24.8	16.3	10.0	4.4	0.0
20°	46.2	35.3	25.4	16.6	10.2	4.5	0.0
17.5°	47.3	36.1	25.9	16.8	10.3	4.6	0.0
15°	48.2	36.7	26.4	17.0	10.5	4.6	0.0
12.5°	48.9	37.3	26.8	17.2	10.6	4.7	0.0
10°	49.6	37.8	27.2	17.3	10.7	4.7	0.0
7.5°	50.1	38.1	27.4	17.4	10.8	4.8	0.0
5°	50.4	38.4	27.6	17.5	10.9	4.8	0.0
2.5°	50.6	38.5	27.8	17.5	10.9	4.8	0.0
0°	50.7	38.6	27.8	17.5	10.9	4.8	0.0
-2.5°	50.6	38.5	27.8	17.5	10.9	4.8	0.0
-5°	50.4	38.4	27.6	17.5	10.9	4.8	0.0
-7.5°	50.1	38.1	27.4	17.4	10.8	4.8	0.0
-10°	49.6	37.8	27.2	17.3	10.7	4.7	0.0
-12.5°	48.9	37.3	26.8	17.2	10.6	4.7	0.0
-15°	48.2	36.7	26.4	17.0	10.5	4.6	0.0
-17.5°	47.3	36.1	25.9	16.8	10.3	4.6	0.0
-20°	46.2	35.3	25.4	16.6	10.2	4.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45.1	34.4	24.8	16.3	10.0	4.4	0.0
-25°	43.8	33.5	24.1	15.9	9.8	4.4	0.0
-27.5°	42.5	32.4	23.4	15.5	9.5	4.3	0.0
-30°	40.9	31.3	22.6	15.1	9.3	4.2	0.0
-32.5°	39.3	30.1	21.7	14.6	9.0	4.0	0.0
-35°	37.7	28.7	20.7	14.1	8.7	3.9	0.0
-37.5°	36.0	27.4	19.7	13.6	8.4	3.8	0.0
-40°	34.2	26.0	18.7	13.0	8.0	3.7	0.0
-42.5°	32.2	24.6	17.7	12.4	7.7	3.5	0.0
-45°	30.2	23.2	16.8	11.7	7.3	3.4	0.0
-47.5°	28.1	21.6	15.9	11.0	6.9	3.2	0.0
-50°	26.2	20.0	14.9	10.4	6.5	3.1	0.0
-52.5°	24.2	18.4	13.9	9.8	6.1	2.9	0.0
-55°	22.1	17.0	12.8	9.1	5.7	2.8	0.0
-57.5°	20.0	15.6	11.7	8.4	5.2	2.6	0.0
-60°	17.9	14.2	10.6	7.7	4.8	2.4	0.0
-62.5°	16.1	12.8	9.7	7.0	4.4	2.2	0.0
-65°	14.3	11.3	8.7	6.3	4.1	2.0	0.0
-67.5°	12.5	9.9	7.7	5.6	3.7	1.8	0.0
-70°	10.6	8.7	6.7	4.8	3.3	1.6	0.0
-72.5°	9.0	7.4	5.7	4.2	2.9	1.4	0.0
-75°	7.5	6.1	4.7	3.6	2.5	1.2	0.0
-77.5°	6.0	4.8	3.9	3.0	2.1	1.0	0.0
-80°	4.4	3.8	3.1	2.4	1.7	0.8	0.0
-82.5°	3.3	2.8	2.3	1.8	1.3	0.6	0.0
-85°	2.2	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)