

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: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-MWR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-AMB-U-MWR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

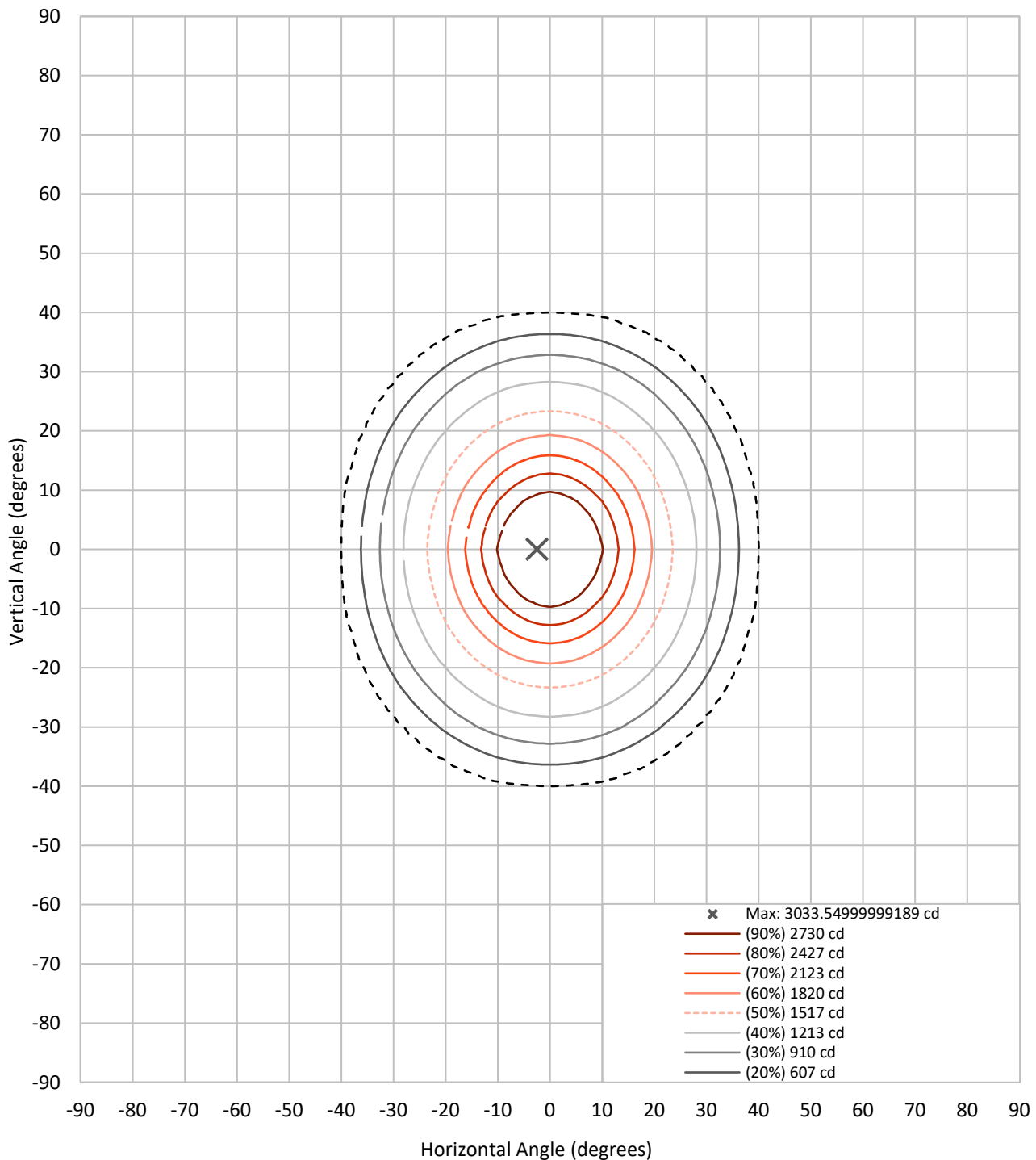
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2311.8 lumens	Max Intensity:	3033.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	54.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47.1°H x 46.4°V	Field Angle (10%):	80.1°H x 79.9°V
Beam Lumens:	1111.9 lumens	Field Lumens:	1980 lumens
Beam Efficiency:	48.1%	Field Efficiency:	85.6%

Input Watts (W): 42.2
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: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

Iso-Candela Plot





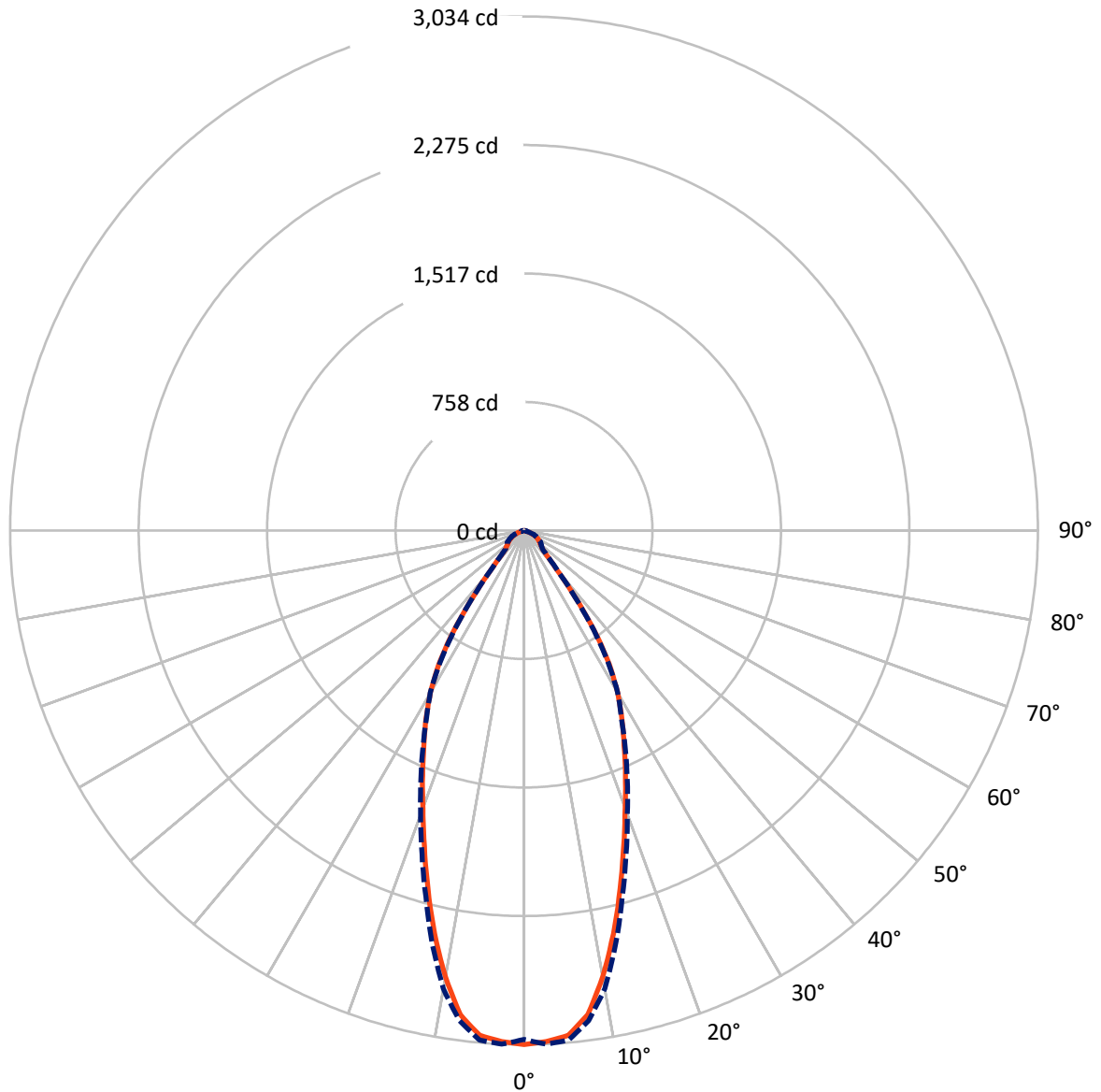
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Lumen Table

90																			
80	0.1	0.5		1.1		1.9		1.3		1.9		1.1		0.5		0.1			
70																			
60	0.3	0.3	0.6	0.9	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.9	0.6	0.3	0.3			
50		0.5	0.9	1.5	2.0	2.5	2.9	3.2	3.2	2.9	2.5	2.0	1.5	0.9	0.5				
40	0.4	0.6	1.2	2.0	2.8	3.5	4.3	5.2	5.2	4.3	3.5	2.8	2.0	1.2	0.6	0.4			
30		0.7	1.5	2.4	3.5	7.0	14.7	20.8	20.8	14.7	7.0	3.5	2.4	1.5	0.7				
20	0.4	0.8	1.7	2.7	6.3	19.7	33.8	41.8	41.8	33.8	19.7	6.3	2.7	1.7	0.8	0.4			
10		0.9	1.9	3.2	12.5	31.6	49.2	64.1	64.1	49.2	31.6	12.5	3.2	1.9	0.9				
0	0.4	0.9	2.0	3.8	17.0	38.0	62.7	85.8	85.8	62.7	38.0	17.0	3.8	2.0	0.9	0.4			
-10		0.9	2.0	3.8	17.0	38.0	62.7	85.8	85.8	62.7	38.0	17.0	3.8	2.0	0.9				
-20	0.4	0.9	1.9	3.2	12.5	31.6	49.2	64.1	64.1	49.2	31.6	12.5	3.2	1.9	0.9	0.4			
-30		0.8	1.7	2.7	6.3	19.7	33.8	41.8	41.8	33.8	19.7	6.3	2.7	1.7	0.8				
-40	0.4	0.7	1.5	2.4	3.5	7.0	14.7	20.8	20.8	14.7	7.0	3.5	2.4	1.5	0.7	0.4			
-50		0.6	1.2	2.0	2.8	3.5	4.3	5.2	5.2	4.3	3.5	2.8	2.0	1.2	0.6				
-60	0.3	0.5	0.9	1.5	2.0	2.5	2.9	3.2	3.2	2.9	2.5	2.0	1.5	0.9	0.5	0.3			
-70		0.3	0.6	0.9	1.2	1.5	1.8	1.9	1.9	1.8	1.5	1.2	0.9	0.6	0.3				
-80																			
-90	0.1	0.5		1.1		1.9		1.3		1.9		1.1		0.5		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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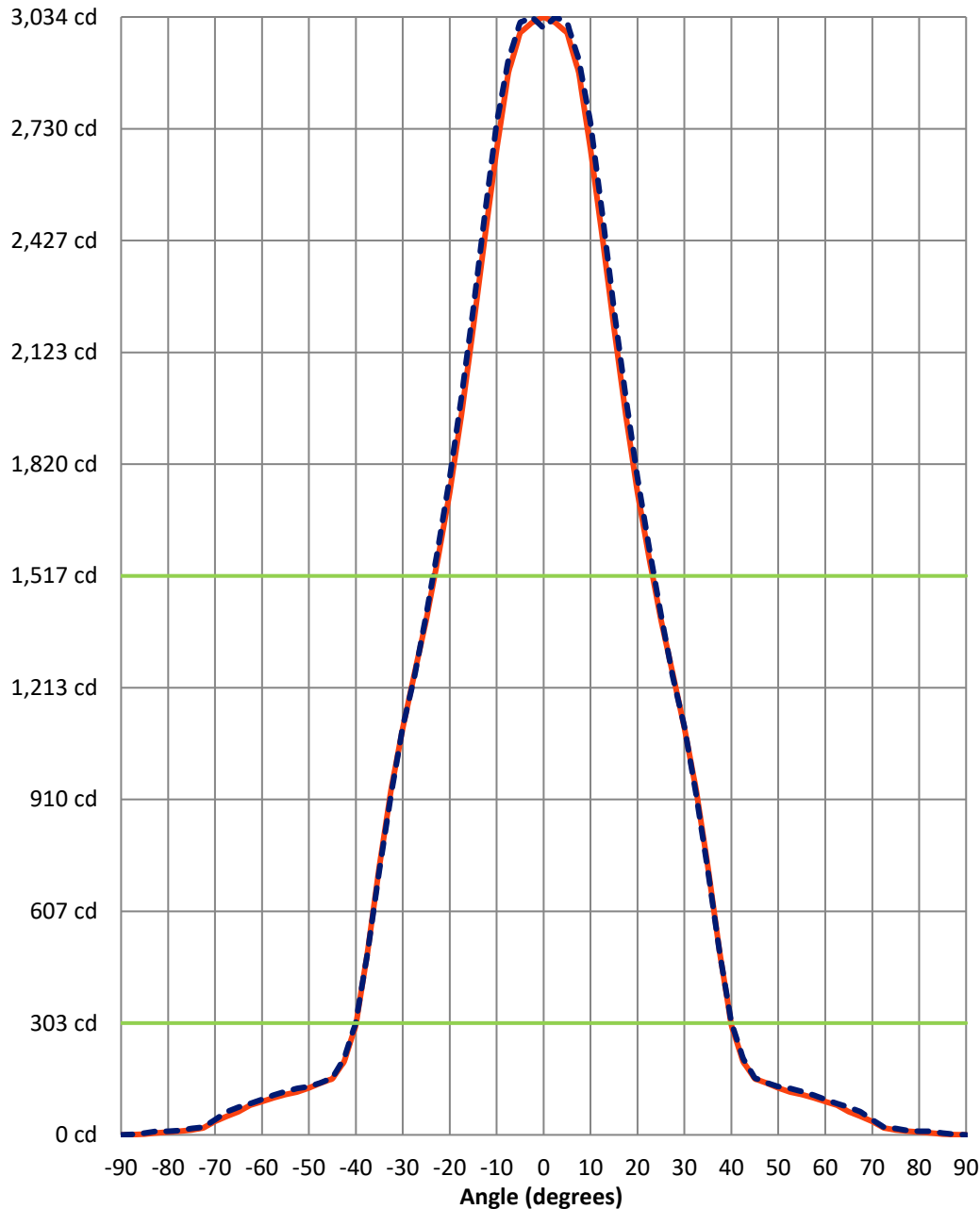
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 47.1°
 V Angle: 46.4°
 Lumens: 1111.9
 Efficiency: 48.1%

Field:
 H Angle: 80.1°
 V Angle: 79.9°
 Lumens: 1980
 Efficiency: 85.6%

Spill:
 Lumens: 331.8
 Efficiency: 14.4%

— Vertical Distribution through -2.5-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	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.9	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.1	1.4	1.6	1.7	1.7	1.8
82.5°	0.0	0.2	0.5	0.9	1.3	1.7	2.2	2.4	2.6	3.0	3.2
80°	0.0	0.3	0.7	1.2	1.7	2.3	3.0	3.7	4.3	4.7	5.0
77.5°	0.0	0.4	0.9	1.5	2.1	3.0	4.3	5.3	5.9	6.5	7.0
75°	0.0	0.4	1.1	1.7	2.6	4.0	5.7	6.8	7.7	8.9	9.7
72.5°	0.0	0.5	1.2	2.0	3.2	4.9	7.0	8.6	10.2	11.5	12.4
70°	0.0	0.6	1.4	2.3	3.9	5.9	8.3	11.0	12.7	14.1	16.4
67.5°	0.0	0.7	1.6	2.7	4.5	6.7	10.1	13.3	15.3	17.8	20.5
65°	0.0	0.7	1.7	3.1	5.1	7.8	11.8	15.7	18.3	21.3	24.4
62.5°	0.0	0.8	1.9	3.5	5.6	8.9	13.4	18.1	21.2	24.6	27.8
60°	0.0	0.9	2.0	3.8	6.2	10.0	14.9	20.5	24.0	27.4	31.0
57.5°	0.0	0.9	2.2	4.1	6.8	11.0	16.2	22.6	26.4	30.0	33.7
55°	0.0	1.0	2.4	4.4	7.5	11.9	17.2	24.1	28.6	32.5	36.3
52.5°	0.0	1.0	2.6	4.7	8.0	12.7	18.2	25.0	30.6	34.7	38.7
50°	0.0	1.1	2.8	4.9	8.5	13.2	18.9	25.8	32.6	36.9	41.0
47.5°	0.0	1.1	3.0	5.2	9.0	13.6	19.4	26.3	34.4	39.0	43.3
45°	0.0	1.2	3.1	5.4	9.3	13.8	19.6	26.6	35.0	40.9	45.5
42.5°	0.0	1.2	3.3	5.7	9.6	13.9	19.7	26.8	35.4	42.9	47.9
40°	0.0	1.2	3.5	5.9	9.8	13.9	19.6	27.0	35.6	44.5	50.2
37.5°	0.0	1.3	3.6	6.3	9.7	13.8	19.3	27.0	35.8	44.9	52.3
35°	0.0	1.3	3.8	6.6	9.6	13.5	19.0	26.9	35.9	45.8	54.7
32.5°	0.0	1.3	3.9	6.9	9.4	13.1	18.5	26.6	35.8	47.1	56.9
30°	0.0	1.4	4.1	7.2	9.1	12.7	18.2	26.2	35.7	48.7	59.1
27.5°	0.0	1.4	4.2	7.5	9.2	12.1	17.8	26.0	36.0	50.7	61.2
25°	0.0	1.4	4.3	7.8	9.3	11.5	17.2	25.6	37.2	52.5	63.1
22.5°	0.0	1.4	4.4	8.1	9.5	11.0	16.6	25.1	38.5	54.0	64.9
20°	0.0	1.4	4.5	8.3	9.6	11.2	15.8	24.6	39.9	55.4	66.5
17.5°	0.0	1.4	4.6	8.6	9.6	11.3	15.8	23.9	41.3	56.6	68.1
15°	0.0	1.4	4.7	8.8	9.7	11.5	16.2	23.5	42.6	57.7	69.5
12.5°	0.0	1.4	4.7	9.0	9.7	11.6	16.6	23.5	43.6	58.5	70.7
10°	0.0	1.4	4.8	9.2	9.8	11.6	16.9	23.3	43.9	59.5	71.9
7.5°	0.0	1.4	4.8	9.4	9.8	11.7	17.1	22.9	43.7	60.5	73.1
5°	0.0	1.4	4.9	9.6	9.8	11.8	17.3	22.3	43.2	61.5	74.0
2.5°	0.0	1.4	4.9	9.7	9.8	11.8	17.4	21.6	42.3	62.2	74.7
0°	0.0	1.4	4.9	9.8	9.8	11.8	17.4	20.9	41.1	62.7	75.2
-2.5°	0.0	1.4	4.9	9.7	9.8	11.8	17.4	21.6	42.3	62.2	74.7
-5°	0.0	1.4	4.9	9.6	9.8	11.8	17.3	22.3	43.2	61.5	74.0
-7.5°	0.0	1.4	4.8	9.4	9.8	11.7	17.1	22.9	43.7	60.5	73.1
-10°	0.0	1.4	4.8	9.2	9.8	11.6	16.9	23.3	43.9	59.5	71.9
-12.5°	0.0	1.4	4.7	9.0	9.7	11.6	16.6	23.5	43.6	58.5	70.7
-15°	0.0	1.4	4.7	8.8	9.7	11.5	16.2	23.5	42.6	57.7	69.5
-17.5°	0.0	1.4	4.6	8.6	9.6	11.3	15.8	23.9	41.3	56.6	68.1
-20°	0.0	1.4	4.5	8.3	9.6	11.2	15.8	24.6	39.9	55.4	66.5



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	4.4	8.1	9.5	11.0	16.6	25.1	38.5	54.0	64.9
-25°	0.0	1.4	4.3	7.8	9.3	11.5	17.2	25.6	37.2	52.5	63.1
-27.5°	0.0	1.4	4.2	7.5	9.2	12.1	17.8	26.0	36.0	50.7	61.2
-30°	0.0	1.4	4.1	7.2	9.1	12.7	18.2	26.2	35.7	48.7	59.1
-32.5°	0.0	1.3	3.9	6.9	9.4	13.1	18.5	26.6	35.8	47.1	56.9
-35°	0.0	1.3	3.8	6.6	9.6	13.5	19.0	26.9	35.9	45.8	54.7
-37.5°	0.0	1.3	3.6	6.3	9.7	13.8	19.3	27.0	35.8	44.9	52.3
-40°	0.0	1.2	3.5	5.9	9.8	13.9	19.6	27.0	35.6	44.5	50.2
-42.5°	0.0	1.2	3.3	5.7	9.6	13.9	19.7	26.8	35.4	42.9	47.9
-45°	0.0	1.2	3.1	5.4	9.3	13.8	19.6	26.6	35.0	40.9	45.5
-47.5°	0.0	1.1	3.0	5.2	9.0	13.6	19.4	26.3	34.4	39.0	43.3
-50°	0.0	1.1	2.8	4.9	8.5	13.2	18.9	25.8	32.6	36.9	41.0
-52.5°	0.0	1.0	2.6	4.7	8.0	12.7	18.2	25.0	30.6	34.7	38.7
-55°	0.0	1.0	2.4	4.4	7.5	11.9	17.2	24.1	28.6	32.5	36.3
-57.5°	0.0	0.9	2.2	4.1	6.8	11.0	16.2	22.6	26.4	30.0	33.7
-60°	0.0	0.9	2.0	3.8	6.2	10.0	14.9	20.5	24.0	27.4	31.0
-62.5°	0.0	0.8	1.9	3.5	5.6	8.9	13.4	18.1	21.2	24.6	27.8
-65°	0.0	0.7	1.7	3.1	5.1	7.8	11.8	15.7	18.3	21.3	24.4
-67.5°	0.0	0.7	1.6	2.7	4.5	6.7	10.1	13.3	15.3	17.8	20.5
-70°	0.0	0.6	1.4	2.3	3.9	5.9	8.3	11.0	12.7	14.1	16.4
-72.5°	0.0	0.5	1.2	2.0	3.2	4.9	7.0	8.6	10.2	11.5	12.4
-75°	0.0	0.4	1.1	1.7	2.6	4.0	5.7	6.8	7.7	8.9	9.7
-77.5°	0.0	0.4	0.9	1.5	2.1	3.0	4.3	5.3	5.9	6.5	7.0
-80°	0.0	0.3	0.7	1.2	1.7	2.3	3.0	3.7	4.3	4.7	5.0
-82.5°	0.0	0.2	0.5	0.9	1.3	1.7	2.2	2.4	2.6	3.0	3.2
-85°	0.0	0.2	0.4	0.6	0.8	1.1	1.4	1.6	1.7	1.7	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

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°	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.6
85°	1.8	1.8	1.9	2.1	2.2	2.2	2.1	1.9	2.2	2.6	2.9
82.5°	3.6	4.0	4.5	4.9	4.9	4.7	4.4	3.9	4.6	5.6	6.7
80°	5.6	6.3	7.2	8.3	8.3	7.9	7.1	6.1	7.2	9.1	11.3
77.5°	8.2	9.5	10.8	12.1	12.1	11.1	10.0	8.7	10.2	13.0	16.1
75°	11.0	12.6	14.4	15.6	15.4	14.4	13.2	12.5	14.5	18.0	21.3
72.5°	14.5	16.7	18.3	19.2	19.4	19.1	18.8	18.5	20.2	23.8	26.7
70°	18.9	21.0	22.5	23.7	24.3	24.4	24.9	25.6	27.2	30.2	32.7
67.5°	23.3	25.3	26.9	28.2	29.2	30.0	31.2	33.1	35.5	38.0	39.5
65°	27.4	29.5	31.1	32.5	33.9	35.9	38.3	41.2	43.4	45.0	46.7
62.5°	31.3	33.3	35.0	36.8	39.2	41.9	44.8	47.3	49.5	52.0	54.8
60°	34.4	36.8	38.8	41.3	44.3	47.8	50.8	53.8	56.5	59.3	62.8
57.5°	37.2	40.1	42.5	45.8	49.6	53.7	57.5	60.9	64.0	67.3	70.6
55°	39.9	43.1	46.3	50.4	55.1	60.3	64.4	67.9	71.6	75.6	79.1
52.5°	42.4	46.1	50.4	55.3	61.0	66.3	70.6	74.6	78.9	83.5	87.3
50°	44.9	49.5	54.4	60.7	66.4	71.5	76.5	80.9	85.8	90.7	95.6
47.5°	47.8	52.8	59.3	65.7	71.1	76.4	81.6	87.1	92.5	98.0	103.4
45°	50.6	56.7	64.0	69.9	75.5	81.0	87.0	93.3	99.2	104.9	109.9
42.5°	53.3	60.7	67.7	73.9	79.5	85.7	92.3	99.1	105.3	110.5	115.4
40°	56.7	64.6	71.2	77.4	83.5	90.4	97.3	104.2	110.1	115.1	119.9
37.5°	60.0	67.7	74.6	81.0	87.6	94.7	101.8	108.5	114.1	119.1	123.0
35°	63.0	70.7	77.8	84.6	91.6	98.5	105.9	112.5	117.5	122.1	126.7
32.5°	65.8	73.6	81.0	88.0	95.3	102.4	109.9	115.4	120.4	125.2	131.3
30°	68.2	76.3	84.0	91.1	99.1	106.5	112.8	118.0	123.0	129.3	138.8
27.5°	70.5	79.0	86.7	94.4	102.8	110.2	115.7	120.4	126.4	134.2	147.4
25°	72.7	81.4	89.0	97.7	106.0	112.9	118.4	123.1	129.8	141.7	168.4
22.5°	74.8	83.6	91.4	100.9	108.7	115.4	120.7	126.3	134.8	149.5	192.5
20°	76.6	85.6	94.1	103.8	111.2	117.9	122.6	129.5	141.0	170.0	228.5
17.5°	78.2	87.4	96.7	106.0	113.5	120.0	124.4	132.4	146.4	188.2	267.1
15°	79.6	89.2	98.9	108.1	115.6	121.8	127.4	136.7	156.8	208.7	302.5
12.5°	80.8	90.8	100.9	109.9	117.5	123.6	130.0	140.8	169.9	236.2	359.5
10°	81.8	92.3	102.6	111.5	119.1	125.5	132.2	144.3	181.2	259.8	406.4
7.5°	82.9	93.6	104.0	112.9	120.5	127.2	134.0	147.1	190.2	278.3	443.0
5°	83.8	94.7	105.6	114.7	122.4	128.8	135.7	149.2	197.0	291.8	468.8
2.5°	84.5	95.6	106.9	116.3	124.4	130.0	138.7	152.2	203.3	300.9	486.1
0°	85.0	96.1	108.0	117.7	126.1	131.0	141.4	154.6	207.6	305.1	494.6
-2.5°	84.5	95.6	106.9	116.3	124.4	130.0	138.7	152.2	203.3	300.9	486.1
-5°	83.8	94.7	105.6	114.7	122.4	128.8	135.7	149.2	197.0	291.8	468.8
-7.5°	82.9	93.6	104.0	112.9	120.5	127.2	134.0	147.1	190.2	278.3	443.0
-10°	81.8	92.3	102.6	111.5	119.1	125.5	132.2	144.3	181.2	259.8	406.4
-12.5°	80.8	90.8	100.9	109.9	117.5	123.6	130.0	140.8	169.9	236.2	359.5
-15°	79.6	89.2	98.9	108.1	115.6	121.8	127.4	136.7	156.8	208.7	302.5
-17.5°	78.2	87.4	96.7	106.0	113.5	120.0	124.4	132.4	146.4	188.2	267.1
-20°	76.6	85.6	94.1	103.8	111.2	117.9	122.6	129.5	141.0	170.0	228.5



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	74.8	83.6	91.4	100.9	108.7	115.4	120.7	126.3	134.8	149.5	192.5
-25°	72.7	81.4	89.0	97.7	106.0	112.9	118.4	123.1	129.8	141.7	168.4
-27.5°	70.5	79.0	86.7	94.4	102.8	110.2	115.7	120.4	126.4	134.2	147.4
-30°	68.2	76.3	84.0	91.1	99.1	106.5	112.8	118.0	123.0	129.3	138.8
-32.5°	65.8	73.6	81.0	88.0	95.3	102.4	109.9	115.4	120.4	125.2	131.3
-35°	63.0	70.7	77.8	84.6	91.6	98.5	105.9	112.5	117.5	122.1	126.7
-37.5°	60.0	67.7	74.6	81.0	87.6	94.7	101.8	108.5	114.1	119.1	123.0
-40°	56.7	64.6	71.2	77.4	83.5	90.4	97.3	104.2	110.1	115.1	119.9
-42.5°	53.3	60.7	67.7	73.9	79.5	85.7	92.3	99.1	105.3	110.5	115.4
-45°	50.6	56.7	64.0	69.9	75.5	81.0	87.0	93.3	99.2	104.9	109.9
-47.5°	47.8	52.8	59.3	65.7	71.1	76.4	81.6	87.1	92.5	98.0	103.4
-50°	44.9	49.5	54.4	60.7	66.4	71.5	76.5	80.9	85.8	90.7	95.6
-52.5°	42.4	46.1	50.4	55.3	61.0	66.3	70.6	74.6	78.9	83.5	87.3
-55°	39.9	43.1	46.3	50.4	55.1	60.3	64.4	67.9	71.6	75.6	79.1
-57.5°	37.2	40.1	42.5	45.8	49.6	53.7	57.5	60.9	64.0	67.3	70.6
-60°	34.4	36.8	38.8	41.3	44.3	47.8	50.8	53.8	56.5	59.3	62.8
-62.5°	31.3	33.3	35.0	36.8	39.2	41.9	44.8	47.3	49.5	52.0	54.8
-65°	27.4	29.5	31.1	32.5	33.9	35.9	38.3	41.2	43.4	45.0	46.7
-67.5°	23.3	25.3	26.9	28.2	29.2	30.0	31.2	33.1	35.5	38.0	39.5
-70°	18.9	21.0	22.5	23.7	24.3	24.4	24.9	25.6	27.2	30.2	32.7
-72.5°	14.5	16.7	18.3	19.2	19.4	19.1	18.8	18.5	20.2	23.8	26.7
-75°	11.0	12.6	14.4	15.6	15.4	14.4	13.2	12.5	14.5	18.0	21.3
-77.5°	8.2	9.5	10.8	12.1	12.1	11.1	10.0	8.7	10.2	13.0	16.1
-80°	5.6	6.3	7.2	8.3	8.3	7.9	7.1	6.1	7.2	9.1	11.3
-82.5°	3.6	4.0	4.5	4.9	4.9	4.7	4.4	3.9	4.6	5.6	6.7
-85°	1.8	1.8	1.9	2.1	2.2	2.2	2.1	1.9	2.2	2.6	2.9
-87.5°	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	3.4	3.2	3.0	2.7	2.4	2.5	2.5	2.6	2.7	2.5	2.4
82.5°	8.0	8.1	8.0	8.0	7.9	8.3	8.8	9.2	9.6	8.6	7.5
80°	13.6	14.5	15.3	16.2	17.1	17.7	18.0	18.2	18.3	16.0	13.4
77.5°	19.4	21.2	22.4	23.4	24.4	24.8	25.0	25.2	25.3	22.1	18.2
75°	24.4	26.3	27.3	28.3	29.2	29.7	30.1	30.5	30.9	27.2	22.5
72.5°	29.1	30.7	31.8	32.8	33.8	34.5	35.2	35.7	36.2	33.4	29.3
70°	34.3	35.3	36.5	37.8	38.9	39.7	40.4	41.0	41.6	40.9	40.0
67.5°	40.7	42.0	43.4	44.3	45.2	46.4	47.6	48.2	48.3	48.5	48.9
65°	48.6	51.1	53.1	54.7	56.0	57.1	58.3	59.7	61.1	62.3	62.8
62.5°	57.9	60.6	62.3	64.0	65.9	67.8	69.6	71.3	72.9	74.4	76.0
60°	65.6	67.8	69.7	71.9	74.0	75.9	78.1	80.3	82.3	84.2	86.1
57.5°	73.3	75.2	76.8	79.6	82.1	84.2	86.5	88.9	91.1	93.1	95.2
55°	81.5	83.4	85.0	88.6	91.5	93.1	94.6	96.8	98.7	100.4	102.7
52.5°	89.8	93.1	96.8	100.0	101.3	101.7	101.4	104.4	106.3	107.0	109.0
50°	99.4	103.4	107.0	110.2	110.9	112.1	113.9	115.3	115.9	116.2	118.5
47.5°	107.7	111.8	115.2	118.2	119.9	121.6	123.8	125.5	126.3	127.2	129.5
45°	114.7	118.2	121.4	123.9	126.3	129.3	132.2	134.5	137.5	140.4	143.2
42.5°	119.9	123.0	125.7	129.6	133.7	138.3	143.8	148.5	157.7	169.2	178.9
40°	123.5	127.0	131.9	137.4	145.2	152.5	170.3	187.5	207.6	234.6	255.6
37.5°	127.4	133.0	140.8	149.4	168.8	189.5	226.7	268.6	305.3	361.3	410.6
35°	132.7	142.1	153.9	179.9	214.4	267.4	328.0	408.6	481.4	554.4	618.8
32.5°	141.4	156.5	185.7	234.9	294.8	390.9	485.7	588.4	681.6	761.8	827.5
30°	153.3	185.6	242.2	314.7	427.8	545.8	667.9	776.6	872.3	953.1	1011.1
27.5°	180.0	235.8	316.3	442.4	574.8	712.9	836.5	948.0	1033.3	1109.4	1163.1
25°	216.2	296.3	432.8	579.7	728.1	861.5	983.5	1086.5	1164.9	1242.7	1298.7
22.5°	267.8	393.0	550.9	717.7	864.4	994.6	1111.3	1202.4	1288.1	1368.7	1437.4
20°	326.1	487.9	669.8	835.2	981.9	1110.7	1209.9	1320.1	1411.3	1508.2	1587.8
17.5°	406.6	588.2	773.3	938.9	1082.3	1201.8	1319.2	1429.2	1542.4	1649.3	1749.9
15°	477.9	678.6	861.3	1022.2	1161.5	1289.0	1418.1	1537.4	1671.2	1800.0	1922.5
12.5°	547.5	753.3	935.8	1094.4	1228.2	1366.0	1507.2	1654.2	1805.2	1956.5	2109.1
10°	607.8	812.5	991.0	1148.8	1290.7	1436.3	1589.2	1758.1	1935.5	2112.2	2286.7
7.5°	655.5	860.3	1036.9	1194.4	1342.1	1493.8	1663.5	1847.9	2049.2	2262.1	2471.9
5°	690.1	895.9	1074.7	1224.8	1379.2	1538.5	1722.2	1926.7	2143.3	2377.5	2609.0
2.5°	710.7	917.5	1100.0	1244.3	1400.7	1575.0	1763.8	1975.3	2210.6	2458.9	2693.8
0°	716.8	923.0	1106.9	1244.4	1412.0	1591.7	1783.2	2002.3	2239.5	2500.0	2745.2
-2.5°	710.7	917.5	1100.0	1244.3	1400.7	1575.0	1763.8	1975.3	2210.6	2458.9	2693.8
-5°	690.1	895.9	1074.7	1224.8	1379.2	1538.5	1722.2	1926.7	2143.3	2377.5	2609.0
-7.5°	655.5	860.3	1036.9	1194.4	1342.1	1493.8	1663.5	1847.9	2049.2	2262.1	2471.9
-10°	607.8	812.5	991.0	1148.8	1290.7	1436.3	1589.2	1758.1	1935.5	2112.2	2286.7
-12.5°	547.5	753.3	935.8	1094.4	1228.2	1366.0	1507.2	1654.2	1805.2	1956.5	2109.1
-15°	477.9	678.6	861.3	1022.2	1161.5	1289.0	1418.1	1537.4	1671.2	1800.0	1922.5
-17.5°	406.6	588.2	773.3	938.9	1082.3	1201.8	1319.2	1429.2	1542.4	1649.3	1749.9
-20°	326.1	487.9	669.8	835.2	981.9	1110.7	1209.9	1320.1	1411.3	1508.2	1587.8



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	267.8	393.0	550.9	717.7	864.4	994.6	1111.3	1202.4	1288.1	1368.7	1437.4
-25°	216.2	296.3	432.8	579.7	728.1	861.5	983.5	1086.5	1164.9	1242.7	1298.7
-27.5°	180.0	235.8	316.3	442.4	574.8	712.9	836.5	948.0	1033.3	1109.4	1163.1
-30°	153.3	185.6	242.2	314.7	427.8	545.8	667.9	776.6	872.3	953.1	1011.1
-32.5°	141.4	156.5	185.7	234.9	294.8	390.9	485.7	588.4	681.6	761.8	827.5
-35°	132.7	142.1	153.9	179.9	214.4	267.4	328.0	408.6	481.4	554.4	618.8
-37.5°	127.4	133.0	140.8	149.4	168.8	189.5	226.7	268.6	305.3	361.3	410.6
-40°	123.5	127.0	131.9	137.4	145.2	152.5	170.3	187.5	207.6	234.6	255.6
-42.5°	119.9	123.0	125.7	129.6	133.7	138.3	143.8	148.5	157.7	169.2	178.9
-45°	114.7	118.2	121.4	123.9	126.3	129.3	132.2	134.5	137.5	140.4	143.2
-47.5°	107.7	111.8	115.2	118.2	119.9	121.6	123.8	125.5	126.3	127.2	129.5
-50°	99.4	103.4	107.0	110.2	110.9	112.1	113.9	115.3	115.9	116.2	118.5
-52.5°	89.8	93.1	96.8	100.0	101.3	101.7	101.4	104.4	106.3	107.0	109.0
-55°	81.5	83.4	85.0	88.6	91.5	93.1	94.6	96.8	98.7	100.4	102.7
-57.5°	73.3	75.2	76.8	79.6	82.1	84.2	86.5	88.9	91.1	93.1	95.2
-60°	65.6	67.8	69.7	71.9	74.0	75.9	78.1	80.3	82.3	84.2	86.1
-62.5°	57.9	60.6	62.3	64.0	65.9	67.8	69.6	71.3	72.9	74.4	76.0
-65°	48.6	51.1	53.1	54.7	56.0	57.1	58.3	59.7	61.1	62.3	62.8
-67.5°	40.7	42.0	43.4	44.3	45.2	46.4	47.6	48.2	48.3	48.5	48.9
-70°	34.3	35.3	36.5	37.8	38.9	39.7	40.4	41.0	41.6	40.9	40.0
-72.5°	29.1	30.7	31.8	32.8	33.8	34.5	35.2	35.7	36.2	33.4	29.3
-75°	24.4	26.3	27.3	28.3	29.2	29.7	30.1	30.5	30.9	27.2	22.5
-77.5°	19.4	21.2	22.4	23.4	24.4	24.8	25.0	25.2	25.3	22.1	18.2
-80°	13.6	14.5	15.3	16.2	17.1	17.7	18.0	18.2	18.3	16.0	13.4
-82.5°	8.0	8.1	8.0	8.0	7.9	8.3	8.8	9.2	9.6	8.6	7.5
-85°	3.4	3.2	3.0	2.7	2.4	2.5	2.5	2.6	2.7	2.5	2.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-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: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.5	2.7	2.6
82.5°	6.2	4.9	5.2	5.6	5.2	4.9	6.2	7.5	8.6	9.6	9.2
80°	10.6	7.7	7.7	7.7	7.7	7.7	10.6	13.4	16.0	18.3	18.2
77.5°	14.1	10.0	10.1	10.4	10.1	10.0	14.1	18.2	22.1	25.3	25.2
75°	17.7	12.8	13.2	13.9	13.2	12.8	17.7	22.5	27.2	30.9	30.5
72.5°	25.2	21.1	18.9	16.7	18.9	21.1	25.2	29.3	33.4	36.2	35.7
70°	39.2	38.6	36.6	34.1	36.6	38.6	39.2	40.0	40.9	41.6	41.0
67.5°	49.4	49.8	50.4	50.8	50.4	49.8	49.4	48.9	48.5	48.3	48.2
65°	62.8	62.4	62.9	63.4	62.9	62.4	62.8	62.8	62.3	61.1	59.7
62.5°	77.6	79.2	80.5	81.5	80.5	79.2	77.6	76.0	74.4	72.9	71.3
60°	87.8	89.2	90.4	91.3	90.4	89.2	87.8	86.1	84.2	82.3	80.3
57.5°	97.1	98.7	100.6	102.4	100.6	98.7	97.1	95.2	93.1	91.1	88.9
55°	104.9	107.0	109.5	112.1	109.5	107.0	104.9	102.7	100.4	98.7	96.8
52.5°	111.5	113.7	116.3	119.1	116.3	113.7	111.5	109.0	107.0	106.3	104.4
50°	121.9	125.0	127.3	128.9	127.3	125.0	121.9	118.5	116.2	115.9	115.3
47.5°	133.3	136.5	140.6	145.6	140.6	136.5	133.3	129.5	127.2	126.3	125.5
45°	146.8	149.5	152.3	156.0	152.3	149.5	146.8	143.2	140.4	137.5	134.5
42.5°	187.8	194.6	198.8	199.9	198.8	194.6	187.8	178.9	169.2	157.7	148.5
40°	274.4	288.7	298.1	302.3	298.1	288.7	274.4	255.6	234.6	207.6	187.5
37.5°	450.9	479.6	496.4	501.5	496.4	479.6	450.9	410.6	361.3	305.3	268.6
35°	669.5	705.8	727.1	725.8	727.1	705.8	669.5	618.8	554.4	481.4	408.6
32.5°	878.7	914.1	935.6	945.3	935.6	914.1	878.7	827.5	761.8	681.6	588.4
30°	1057.7	1087.4	1104.0	1117.3	1104.0	1087.4	1057.7	1011.1	953.1	872.3	776.6
27.5°	1208.6	1237.1	1252.2	1258.1	1252.2	1237.1	1208.6	1163.1	1109.4	1033.3	948.0
25°	1350.2	1382.6	1397.9	1407.1	1397.9	1382.6	1350.2	1298.7	1242.7	1164.9	1086.5
22.5°	1494.5	1532.5	1564.6	1568.7	1564.6	1532.5	1494.5	1437.4	1368.7	1288.1	1202.4
20°	1662.2	1716.4	1743.4	1761.6	1743.4	1716.4	1662.2	1587.8	1508.2	1411.3	1320.1
17.5°	1840.6	1912.6	1954.3	1971.0	1954.3	1912.6	1840.6	1749.9	1649.3	1542.4	1429.2
15°	2038.4	2131.4	2190.1	2208.8	2190.1	2131.4	2038.4	1922.5	1800.0	1671.2	1537.4
12.5°	2248.9	2363.3	2437.2	2456.5	2437.2	2363.3	2248.9	2109.1	1956.5	1805.2	1654.2
10°	2454.2	2582.4	2674.2	2708.3	2674.2	2582.4	2454.2	2286.7	2112.2	1935.5	1758.1
7.5°	2641.0	2804.1	2882.4	2918.7	2882.4	2804.1	2641.0	2471.9	2262.1	2049.2	1847.9
5°	2797.1	2931.1	2990.6	2993.2	2990.6	2931.1	2797.1	2609.0	2377.5	2143.3	1926.7
2.5°	2881.9	2992.0	3018.0	3003.6	3018.0	2992.0	2881.9	2693.8	2458.9	2210.6	1975.3
0°	2917.3	3018.3	3033.5	3003.6	3033.5	3018.3	2917.3	2745.2	2500.0	2239.5	2002.3
-2.5°	2881.9	2992.0	3018.0	3003.6	3018.0	2992.0	2881.9	2693.8	2458.9	2210.6	1975.3
-5°	2797.1	2931.1	2990.6	2993.2	2990.6	2931.1	2797.1	2609.0	2377.5	2143.3	1926.7
-7.5°	2641.0	2804.1	2882.4	2918.6	2882.4	2804.1	2641.0	2471.9	2262.1	2049.2	1847.9
-10°	2454.2	2582.4	2674.2	2708.3	2674.2	2582.4	2454.2	2286.7	2112.2	1935.5	1758.1
-12.5°	2248.9	2363.3	2437.2	2456.5	2437.2	2363.3	2248.9	2109.1	1956.5	1805.2	1654.2
-15°	2038.4	2131.4	2190.1	2208.8	2190.1	2131.4	2038.4	1922.5	1800.0	1671.2	1537.4
-17.5°	1840.6	1912.6	1954.3	1971.0	1954.3	1912.6	1840.6	1749.9	1649.3	1542.4	1429.2
-20°	1662.2	1716.4	1743.4	1761.6	1743.4	1716.4	1662.2	1587.8	1508.2	1411.3	1320.1



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1494.5	1532.5	1564.6	1568.7	1564.6	1532.5	1494.5	1437.4	1368.7	1288.1	1202.4
-25°	1350.2	1382.6	1397.9	1407.1	1397.9	1382.6	1350.2	1298.7	1242.7	1164.9	1086.5
-27.5°	1208.6	1237.1	1252.2	1258.0	1252.2	1237.1	1208.6	1163.1	1109.4	1033.3	948.0
-30°	1057.7	1087.4	1104.0	1117.3	1104.0	1087.4	1057.7	1011.1	953.1	872.3	776.6
-32.5°	878.7	914.1	935.6	945.3	935.6	914.1	878.7	827.5	761.8	681.6	588.4
-35°	669.5	705.8	727.1	725.8	727.1	705.8	669.5	618.8	554.4	481.4	408.6
-37.5°	450.9	479.6	496.4	501.5	496.4	479.6	450.9	410.6	361.3	305.3	268.6
-40°	274.4	288.7	298.1	302.3	298.1	288.7	274.4	255.6	234.6	207.6	187.5
-42.5°	187.8	194.6	198.8	199.9	198.8	194.6	187.8	178.9	169.2	157.7	148.5
-45°	146.8	149.5	152.3	156.0	152.3	149.5	146.8	143.2	140.4	137.5	134.5
-47.5°	133.3	136.5	140.6	145.6	140.6	136.5	133.3	129.5	127.2	126.3	125.5
-50°	121.9	125.0	127.3	128.9	127.3	125.0	121.9	118.5	116.2	115.9	115.3
-52.5°	111.5	113.7	116.3	119.1	116.3	113.7	111.5	109.0	107.0	106.3	104.4
-55°	104.9	107.0	109.5	112.1	109.5	107.0	104.9	102.7	100.4	98.7	96.8
-57.5°	97.1	98.7	100.6	102.4	100.6	98.7	97.1	95.2	93.1	91.1	88.9
-60°	87.8	89.2	90.4	91.3	90.4	89.2	87.8	86.1	84.2	82.3	80.3
-62.5°	77.6	79.2	80.5	81.5	80.5	79.2	77.6	76.0	74.4	72.9	71.3
-65°	62.8	62.4	62.9	63.4	62.9	62.4	62.8	62.8	62.3	61.1	59.7
-67.5°	49.4	49.8	50.4	50.8	50.4	49.8	49.4	48.9	48.5	48.3	48.2
-70°	39.2	38.6	36.6	34.1	36.6	38.6	39.2	40.0	40.9	41.6	41.0
-72.5°	25.2	21.1	18.9	16.7	18.9	21.1	25.2	29.3	33.4	36.2	35.7
-75°	17.7	12.8	13.2	13.9	13.2	12.8	17.7	22.5	27.2	30.9	30.5
-77.5°	14.1	10.0	10.1	10.4	10.1	10.0	14.1	18.2	22.1	25.3	25.2
-80°	10.6	7.7	7.7	7.7	7.7	7.7	10.6	13.4	16.0	18.3	18.2
-82.5°	6.2	4.9	5.2	5.6	5.2	4.9	6.2	7.5	8.6	9.6	9.2
-85°	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.5	2.7	2.6
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	2.5	2.5	2.4	2.7	3.0	3.2	3.4	2.9	2.6	2.2	1.9
82.5°	8.8	8.3	7.9	8.0	8.0	8.1	8.0	6.7	5.6	4.6	3.9
80°	18.0	17.7	17.1	16.2	15.3	14.5	13.6	11.3	9.1	7.2	6.1
77.5°	25.0	24.8	24.4	23.4	22.4	21.2	19.4	16.1	13.0	10.2	8.7
75°	30.1	29.7	29.2	28.3	27.3	26.3	24.4	21.3	18.0	14.5	12.5
72.5°	35.2	34.5	33.8	32.8	31.8	30.7	29.1	26.7	23.8	20.2	18.5
70°	40.4	39.7	38.9	37.8	36.5	35.3	34.3	32.7	30.2	27.2	25.6
67.5°	47.6	46.4	45.2	44.3	43.4	42.0	40.7	39.5	38.0	35.5	33.1
65°	58.3	57.1	56.0	54.7	53.1	51.1	48.6	46.7	45.0	43.4	41.2
62.5°	69.6	67.8	65.9	64.0	62.3	60.6	57.9	54.8	52.0	49.5	47.3
60°	78.1	75.9	74.0	71.9	69.7	67.8	65.6	62.8	59.3	56.5	53.8
57.5°	86.5	84.2	82.1	79.6	76.8	75.2	73.3	70.6	67.3	64.0	60.9
55°	94.6	93.1	91.5	88.6	85.0	83.4	81.5	79.1	75.6	71.6	67.9
52.5°	101.4	101.7	101.3	100.0	96.8	93.1	89.8	87.3	83.5	78.9	74.6
50°	113.9	112.1	110.9	110.2	107.0	103.4	99.4	95.6	90.7	85.8	80.9
47.5°	123.8	121.6	119.9	118.2	115.2	111.8	107.7	103.4	98.0	92.5	87.1
45°	132.2	129.3	126.3	123.9	121.4	118.2	114.7	109.9	104.9	99.2	93.3
42.5°	143.8	138.3	133.7	129.6	125.7	123.0	119.9	115.4	110.5	105.3	99.1
40°	170.3	152.5	145.2	137.4	131.9	127.0	123.5	119.9	115.1	110.1	104.2
37.5°	226.7	189.5	168.8	149.4	140.8	133.0	127.4	123.0	119.1	114.1	108.5
35°	328.0	267.4	214.4	179.9	153.9	142.1	132.7	126.7	122.1	117.5	112.5
32.5°	485.7	390.9	294.8	234.9	185.7	156.5	141.4	131.3	125.2	120.4	115.4
30°	667.9	545.8	427.8	314.7	242.2	185.6	153.3	138.8	129.3	123.0	118.0
27.5°	836.5	712.9	574.8	442.4	316.3	235.8	180.0	147.4	134.2	126.4	120.4
25°	983.5	861.5	728.1	579.7	432.8	296.3	216.2	168.4	141.7	129.8	123.1
22.5°	1111.3	994.6	864.4	717.7	550.9	393.0	267.8	192.5	149.5	134.8	126.3
20°	1209.9	1110.7	981.9	835.2	669.8	487.9	326.1	228.5	170.0	141.0	129.5
17.5°	1319.2	1201.8	1082.3	938.9	773.3	588.2	406.6	267.1	188.2	146.4	132.4
15°	1418.1	1289.0	1161.5	1022.2	861.3	678.6	477.9	302.5	208.7	156.8	136.7
12.5°	1507.2	1366.0	1228.2	1094.4	935.8	753.3	547.5	359.5	236.2	169.9	140.8
10°	1589.2	1436.3	1290.7	1148.8	991.0	812.5	607.8	406.4	259.8	181.2	144.3
7.5°	1663.5	1493.8	1342.1	1194.4	1036.9	860.3	655.5	443.0	278.3	190.2	147.1
5°	1722.2	1538.5	1379.2	1224.8	1074.7	895.9	690.1	468.8	291.8	197.0	149.2
2.5°	1763.8	1575.0	1400.7	1244.3	1100.0	917.5	710.7	486.1	300.9	203.3	152.2
0°	1783.2	1591.7	1412.0	1244.4	1106.9	923.0	716.8	494.6	305.1	207.6	154.6
-2.5°	1763.8	1575.0	1400.7	1244.3	1100.0	917.5	710.7	486.1	300.9	203.3	152.2
-5°	1722.2	1538.5	1379.2	1224.8	1074.7	895.9	690.1	468.8	291.8	197.0	149.2
-7.5°	1663.5	1493.8	1342.1	1194.4	1036.9	860.3	655.5	443.0	278.3	190.2	147.1
-10°	1589.2	1436.3	1290.7	1148.8	991.0	812.5	607.8	406.4	259.8	181.2	144.3
-12.5°	1507.2	1366.0	1228.2	1094.4	935.8	753.3	547.5	359.5	236.2	169.9	140.8
-15°	1418.1	1289.0	1161.5	1022.2	861.3	678.6	477.9	302.5	208.7	156.8	136.7
-17.5°	1319.2	1201.8	1082.3	938.9	773.3	588.2	406.6	267.1	188.2	146.4	132.4
-20°	1209.9	1110.7	981.9	835.2	669.8	487.9	326.1	228.5	170.0	141.0	129.5



REPORT NUMBER: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1111.3	994.6	864.4	717.7	550.9	393.0	267.8	192.5	149.5	134.8	126.3
-25°	983.5	861.5	728.1	579.7	432.8	296.3	216.2	168.4	141.7	129.8	123.1
-27.5°	836.5	712.9	574.8	442.4	316.3	235.8	180.0	147.4	134.2	126.4	120.4
-30°	667.9	545.8	427.8	314.7	242.2	185.6	153.3	138.8	129.3	123.0	118.0
-32.5°	485.7	390.9	294.8	234.9	185.7	156.5	141.4	131.3	125.2	120.4	115.4
-35°	328.0	267.4	214.4	179.9	153.9	142.1	132.7	126.7	122.1	117.5	112.5
-37.5°	226.7	189.5	168.8	149.4	140.8	133.0	127.4	123.0	119.1	114.1	108.5
-40°	170.3	152.5	145.2	137.4	131.9	127.0	123.5	119.9	115.1	110.1	104.2
-42.5°	143.8	138.3	133.7	129.6	125.7	123.0	119.9	115.4	110.5	105.3	99.1
-45°	132.2	129.3	126.3	123.9	121.4	118.2	114.7	109.9	104.9	99.2	93.3
-47.5°	123.8	121.6	119.9	118.2	115.2	111.8	107.7	103.4	98.0	92.5	87.1
-50°	113.9	112.1	110.9	110.2	107.0	103.4	99.4	95.6	90.7	85.8	80.9
-52.5°	101.4	101.7	101.3	100.0	96.8	93.1	89.8	87.3	83.5	78.9	74.6
-55°	94.6	93.1	91.5	88.6	85.0	83.4	81.5	79.1	75.6	71.6	67.9
-57.5°	86.5	84.2	82.1	79.6	76.8	75.2	73.3	70.6	67.3	64.0	60.9
-60°	78.1	75.9	74.0	71.9	69.7	67.8	65.6	62.8	59.3	56.5	53.8
-62.5°	69.6	67.8	65.9	64.0	62.3	60.6	57.9	54.8	52.0	49.5	47.3
-65°	58.3	57.1	56.0	54.7	53.1	51.1	48.6	46.7	45.0	43.4	41.2
-67.5°	47.6	46.4	45.2	44.3	43.4	42.0	40.7	39.5	38.0	35.5	33.1
-70°	40.4	39.7	38.9	37.8	36.5	35.3	34.3	32.7	30.2	27.2	25.6
-72.5°	35.2	34.5	33.8	32.8	31.8	30.7	29.1	26.7	23.8	20.2	18.5
-75°	30.1	29.7	29.2	28.3	27.3	26.3	24.4	21.3	18.0	14.5	12.5
-77.5°	25.0	24.8	24.4	23.4	22.4	21.2	19.4	16.1	13.0	10.2	8.7
-80°	18.0	17.7	17.1	16.2	15.3	14.5	13.6	11.3	9.1	7.2	6.1
-82.5°	8.8	8.3	7.9	8.0	8.0	8.1	8.0	6.7	5.6	4.6	3.9
-85°	2.5	2.5	2.4	2.7	3.0	3.2	3.4	2.9	2.6	2.2	1.9
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-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: P561373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MWR-BK

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°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8
85°	2.1	2.2	2.2	2.1	1.9	1.8	1.8	1.8	1.7	1.7	1.6
82.5°	4.4	4.7	4.9	4.9	4.5	4.0	3.6	3.2	3.0	2.6	2.4
80°	7.1	7.9	8.3	8.3	7.2	6.3	5.6	5.0	4.7	4.3	3.7
77.5°	10.0	11.1	12.1	12.1	10.8	9.5	8.2	7.0	6.5	5.9	5.3
75°	13.2	14.4	15.4	15.6	14.4	12.6	11.0	9.7	8.9	7.7	6.8
72.5°	18.8	19.1	19.4	19.2	18.3	16.7	14.5	12.4	11.5	10.2	8.6
70°	24.9	24.4	24.3	23.7	22.5	21.0	18.9	16.4	14.1	12.7	11.0
67.5°	31.2	30.0	29.2	28.2	26.9	25.3	23.3	20.5	17.8	15.3	13.3
65°	38.3	35.9	33.9	32.5	31.1	29.5	27.4	24.4	21.3	18.3	15.7
62.5°	44.8	41.9	39.2	36.8	35.0	33.3	31.3	27.8	24.6	21.2	18.1
60°	50.8	47.8	44.3	41.3	38.8	36.8	34.4	31.0	27.4	24.0	20.5
57.5°	57.5	53.7	49.6	45.8	42.5	40.1	37.2	33.7	30.0	26.4	22.6
55°	64.4	60.3	55.1	50.4	46.3	43.1	39.9	36.3	32.5	28.6	24.1
52.5°	70.6	66.3	61.0	55.3	50.4	46.1	42.4	38.7	34.7	30.6	25.0
50°	76.5	71.5	66.4	60.7	54.4	49.5	44.9	41.0	36.9	32.6	25.8
47.5°	81.6	76.4	71.1	65.7	59.3	52.8	47.8	43.3	39.0	34.4	26.3
45°	87.0	81.0	75.5	69.9	64.0	56.7	50.6	45.5	40.9	35.0	26.6
42.5°	92.3	85.7	79.5	73.9	67.7	60.7	53.3	47.9	42.9	35.4	26.8
40°	97.3	90.4	83.5	77.4	71.2	64.6	56.7	50.2	44.5	35.6	27.0
37.5°	101.8	94.7	87.6	81.0	74.6	67.7	60.0	52.3	44.9	35.8	27.0
35°	105.9	98.5	91.6	84.6	77.8	70.7	63.0	54.7	45.8	35.9	26.9
32.5°	109.9	102.4	95.3	88.0	81.0	73.6	65.8	56.9	47.1	35.8	26.6
30°	112.8	106.5	99.1	91.1	84.0	76.3	68.2	59.1	48.7	35.7	26.2
27.5°	115.7	110.2	102.8	94.4	86.7	79.0	70.5	61.2	50.7	36.0	26.0
25°	118.4	112.9	106.0	97.7	89.0	81.4	72.7	63.1	52.5	37.2	25.6
22.5°	120.7	115.4	108.7	100.9	91.4	83.6	74.8	64.9	54.0	38.5	25.1
20°	122.6	117.9	111.2	103.8	94.1	85.6	76.6	66.5	55.4	39.9	24.6
17.5°	124.4	120.0	113.5	106.0	96.7	87.4	78.2	68.1	56.6	41.3	23.9
15°	127.4	121.8	115.6	108.1	98.9	89.2	79.6	69.5	57.7	42.6	23.5
12.5°	130.0	123.6	117.5	109.9	100.9	90.8	80.8	70.7	58.5	43.6	23.5
10°	132.2	125.5	119.1	111.5	102.6	92.3	81.8	71.9	59.5	43.9	23.3
7.5°	134.0	127.2	120.5	112.9	104.0	93.6	82.9	73.1	60.5	43.7	22.9
5°	135.7	128.8	122.4	114.7	105.6	94.7	83.8	74.0	61.5	43.2	22.3
2.5°	138.7	130.0	124.4	116.3	106.9	95.6	84.5	74.7	62.2	42.3	21.6
0°	141.4	131.0	126.1	117.7	108.0	96.1	85.0	75.2	62.7	41.1	20.9
-2.5°	138.7	130.0	124.4	116.3	106.9	95.6	84.5	74.7	62.2	42.3	21.6
-5°	135.7	128.8	122.4	114.7	105.6	94.7	83.8	74.0	61.5	43.2	22.3
-7.5°	134.0	127.2	120.5	112.9	104.0	93.6	82.9	73.1	60.5	43.7	22.9
-10°	132.2	125.5	119.1	111.5	102.6	92.3	81.8	71.9	59.5	43.9	23.3
-12.5°	130.0	123.6	117.5	109.9	100.9	90.8	80.8	70.7	58.5	43.6	23.5
-15°	127.4	121.8	115.6	108.1	98.9	89.2	79.6	69.5	57.7	42.6	23.5
-17.5°	124.4	120.0	113.5	106.0	96.7	87.4	78.2	68.1	56.6	41.3	23.9
-20°	122.6	117.9	111.2	103.8	94.1	85.6	76.6	66.5	55.4	39.9	24.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	120.7	115.4	108.7	100.9	91.4	83.6	74.8	64.9	54.0	38.5	25.1
-25°	118.4	112.9	106.0	97.7	89.0	81.4	72.7	63.1	52.5	37.2	25.6
-27.5°	115.7	110.2	102.8	94.4	86.7	79.0	70.5	61.2	50.7	36.0	26.0
-30°	112.8	106.5	99.1	91.1	84.0	76.3	68.2	59.1	48.7	35.7	26.2
-32.5°	109.9	102.4	95.3	88.0	81.0	73.6	65.8	56.9	47.1	35.8	26.6
-35°	105.9	98.5	91.6	84.6	77.8	70.7	63.0	54.7	45.8	35.9	26.9
-37.5°	101.8	94.7	87.6	81.0	74.6	67.7	60.0	52.3	44.9	35.8	27.0
-40°	97.3	90.4	83.5	77.4	71.2	64.6	56.7	50.2	44.5	35.6	27.0
-42.5°	92.3	85.7	79.5	73.9	67.7	60.7	53.3	47.9	42.9	35.4	26.8
-45°	87.0	81.0	75.5	69.9	64.0	56.7	50.6	45.5	40.9	35.0	26.6
-47.5°	81.6	76.4	71.1	65.7	59.3	52.8	47.8	43.3	39.0	34.4	26.3
-50°	76.5	71.5	66.4	60.7	54.4	49.5	44.9	41.0	36.9	32.6	25.8
-52.5°	70.6	66.3	61.0	55.3	50.4	46.1	42.4	38.7	34.7	30.6	25.0
-55°	64.4	60.3	55.1	50.4	46.3	43.1	39.9	36.3	32.5	28.6	24.1
-57.5°	57.5	53.7	49.6	45.8	42.5	40.1	37.2	33.7	30.0	26.4	22.6
-60°	50.8	47.8	44.3	41.3	38.8	36.8	34.4	31.0	27.4	24.0	20.5
-62.5°	44.8	41.9	39.2	36.8	35.0	33.3	31.3	27.8	24.6	21.2	18.1
-65°	38.3	35.9	33.9	32.5	31.1	29.5	27.4	24.4	21.3	18.3	15.7
-67.5°	31.2	30.0	29.2	28.2	26.9	25.3	23.3	20.5	17.8	15.3	13.3
-70°	24.9	24.4	24.3	23.7	22.5	21.0	18.9	16.4	14.1	12.7	11.0
-72.5°	18.8	19.1	19.4	19.2	18.3	16.7	14.5	12.4	11.5	10.2	8.6
-75°	13.2	14.4	15.4	15.6	14.4	12.6	11.0	9.7	8.9	7.7	6.8
-77.5°	10.0	11.1	12.1	12.1	10.8	9.5	8.2	7.0	6.5	5.9	5.3
-80°	7.1	7.9	8.3	8.3	7.2	6.3	5.6	5.0	4.7	4.3	3.7
-82.5°	4.4	4.7	4.9	4.9	4.5	4.0	3.6	3.2	3.0	2.6	2.4
-85°	2.1	2.2	2.2	2.1	1.9	1.8	1.8	1.8	1.7	1.7	1.6
-87.5°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.7	0.6	0.4	0.3	0.2	0.1	0.0
85°	1.4	1.1	0.8	0.6	0.4	0.2	0.0
82.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
80°	3.0	2.3	1.7	1.2	0.7	0.3	0.0
77.5°	4.3	3.0	2.1	1.5	0.9	0.4	0.0
75°	5.7	4.0	2.6	1.7	1.1	0.4	0.0
72.5°	7.0	4.9	3.2	2.0	1.2	0.5	0.0
70°	8.3	5.9	3.9	2.3	1.4	0.6	0.0
67.5°	10.1	6.7	4.5	2.7	1.6	0.7	0.0
65°	11.8	7.8	5.1	3.1	1.7	0.7	0.0
62.5°	13.4	8.9	5.6	3.5	1.9	0.8	0.0
60°	14.9	10.0	6.2	3.8	2.0	0.9	0.0
57.5°	16.2	11.0	6.8	4.1	2.2	0.9	0.0
55°	17.2	11.9	7.5	4.4	2.4	1.0	0.0
52.5°	18.2	12.7	8.0	4.7	2.6	1.0	0.0
50°	18.9	13.2	8.5	4.9	2.8	1.1	0.0
47.5°	19.4	13.6	9.0	5.2	3.0	1.1	0.0
45°	19.6	13.8	9.3	5.4	3.1	1.2	0.0
42.5°	19.7	13.9	9.6	5.7	3.3	1.2	0.0
40°	19.6	13.9	9.8	5.9	3.5	1.2	0.0
37.5°	19.3	13.8	9.7	6.3	3.6	1.3	0.0
35°	19.0	13.5	9.6	6.6	3.8	1.3	0.0
32.5°	18.5	13.1	9.4	6.9	3.9	1.3	0.0
30°	18.2	12.7	9.1	7.2	4.1	1.4	0.0
27.5°	17.8	12.1	9.2	7.5	4.2	1.4	0.0
25°	17.2	11.5	9.3	7.8	4.3	1.4	0.0
22.5°	16.6	11.0	9.5	8.1	4.4	1.4	0.0
20°	15.8	11.2	9.6	8.3	4.5	1.4	0.0
17.5°	15.8	11.3	9.6	8.6	4.6	1.4	0.0
15°	16.2	11.5	9.7	8.8	4.7	1.4	0.0
12.5°	16.6	11.6	9.7	9.0	4.7	1.4	0.0
10°	16.9	11.6	9.8	9.2	4.8	1.4	0.0
7.5°	17.1	11.7	9.8	9.4	4.8	1.4	0.0
5°	17.3	11.8	9.8	9.6	4.9	1.4	0.0
2.5°	17.4	11.8	9.8	9.7	4.9	1.4	0.0
0°	17.4	11.8	9.8	9.8	4.9	1.4	0.0
-2.5°	17.4	11.8	9.8	9.7	4.9	1.4	0.0
-5°	17.3	11.8	9.8	9.6	4.9	1.4	0.0
-7.5°	17.1	11.7	9.8	9.4	4.8	1.4	0.0
-10°	16.9	11.6	9.8	9.2	4.8	1.4	0.0
-12.5°	16.6	11.6	9.7	9.0	4.7	1.4	0.0
-15°	16.2	11.5	9.7	8.8	4.7	1.4	0.0
-17.5°	15.8	11.3	9.6	8.6	4.6	1.4	0.0
-20°	15.8	11.2	9.6	8.3	4.5	1.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.6	11.0	9.5	8.1	4.4	1.4	0.0
-25°	17.2	11.5	9.3	7.8	4.3	1.4	0.0
-27.5°	17.8	12.1	9.2	7.5	4.2	1.4	0.0
-30°	18.2	12.7	9.1	7.2	4.1	1.4	0.0
-32.5°	18.5	13.1	9.4	6.9	3.9	1.3	0.0
-35°	19.0	13.5	9.6	6.6	3.8	1.3	0.0
-37.5°	19.3	13.8	9.7	6.3	3.6	1.3	0.0
-40°	19.6	13.9	9.8	5.9	3.5	1.2	0.0
-42.5°	19.7	13.9	9.6	5.7	3.3	1.2	0.0
-45°	19.6	13.8	9.3	5.4	3.1	1.2	0.0
-47.5°	19.4	13.6	9.0	5.2	3.0	1.1	0.0
-50°	18.9	13.2	8.5	4.9	2.8	1.1	0.0
-52.5°	18.2	12.7	8.0	4.7	2.6	1.0	0.0
-55°	17.2	11.9	7.5	4.4	2.4	1.0	0.0
-57.5°	16.2	11.0	6.8	4.1	2.2	0.9	0.0
-60°	14.9	10.0	6.2	3.8	2.0	0.9	0.0
-62.5°	13.4	8.9	5.6	3.5	1.9	0.8	0.0
-65°	11.8	7.8	5.1	3.1	1.7	0.7	0.0
-67.5°	10.1	6.7	4.5	2.7	1.6	0.7	0.0
-70°	8.3	5.9	3.9	2.3	1.4	0.6	0.0
-72.5°	7.0	4.9	3.2	2.0	1.2	0.5	0.0
-75°	5.7	4.0	2.6	1.7	1.1	0.4	0.0
-77.5°	4.3	3.0	2.1	1.5	0.9	0.4	0.0
-80°	3.0	2.3	1.7	1.2	0.7	0.3	0.0
-82.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
-85°	1.4	1.1	0.8	0.6	0.4	0.2	0.0
-87.5°	0.7	0.6	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)